

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051619\
 Data File : BF114304.D
 Acq On : 16 May 2019 13:02
 Operator : JU/SJ
 Sample : PB119768BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB119768BS

Manual Integrations
 APPROVED

mohammad
 5/17/2019 3:04:28 PM

Quant Time: May 17 08:16:29 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 10 15:56:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	262427	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	1043537	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	494017	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	978926	20.00	ng	0.00
76) Chrysene-d12	14.03	240	720955	20.00	ng	0.01
87) Perylene-d12	15.53	264	730892	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	1648334	101.08	ng	0.02
7) Phenol-d6	6.50	99	2126293	110.24	ng	0.01
23) Nitrobenzene-d5	7.42	82	1202180	64.65	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	527455	103.27	ng	0.01
45) 2-Fluorobiphenyl	9.21	172	2077531	63.61	ng	0.00
79) Terphenyl-d14	12.96	244	2145354	61.34	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.72	88	276677	30.867	ng	99
3) Pyridine	3.47	79	719147	29.120	ng	96
4) n-Nitrosodimethylamine	3.42	42	359552	30.191	ng	94
6) Aniline	6.52	93	629311	22.588	ng	# 19
8) 2-Chlorophenol	6.65	128	631370	36.267	ng	94
9) Benzaldehyde	6.40	77	265412	19.657	ng	100
10) Phenol	6.52	94	749358	33.028	ng	91
11) bis(2-Chloroethyl)ether	6.59	93	627850	36.450	ng	98
12) 1,3-Dichlorobenzene	6.79	146	661815	33.867	ng	99
13) 1,4-Dichlorobenzene	6.87	146	665736	33.808	ng	97
14) 1,2-Dichlorobenzene	7.02	146	620942	34.515	ng	99
15) Benzyl Alcohol	7.00	79	516252	34.319	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.12	45	1142871	34.219	ng	65
17) 2-Methylphenol	7.12	107	508546	35.561	ng	# 92
18) Hexachloroethane	7.36	117	251347	34.005	ng	96
19) n-Nitroso-di-n-propylamine	7.26	70	434062	35.506	ng	98
20) 3+4-Methylphenols	7.27	107	645162	39.047	ng	# 62
22) Acetophenone	7.26	105	847648	36.667	ng	# 91
24) Nitrobenzene	7.43	77	685327	36.186	ng	97
25) Isophorone	7.67	82	1229360	35.648	ng	98
26) 2-Nitrophenol	7.75	139	350659	38.163	ng	99
27) 2,4-Dimethylphenol	7.79	122	565746	39.203	ng	100
28) bis(2-Chloroethoxy)methane	7.87	93	795545	35.554	ng	98
29) 2,4-Dichlorophenol	8.00	162	518159	36.058	ng	99
30) 1,2,4-Trichlorobenzene	8.07	180	554006	33.904	ng	99
31) Naphthalene	8.16	128	1776904	36.453	ng	98
32) Benzoic acid	7.93	122	308965	32.655	ng	96
33) 4-Chloroaniline	8.20	127	535653	24.115	ng	99
34) Hexachlorobutadiene	8.27	225	305123	32.817	ng	98
35) Caprolactam	8.57	113	180997m	38.628	ng	
36) 4-Chloro-3-methylphenol	8.70	107	554878	38.361	ng	100
37) 2-Methylnaphthalene	8.85	142	1198428	38.106	ng	97
38) 1-Methylnaphthalene	8.95	142	1117046	37.716	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	528041	35.285	ng	99

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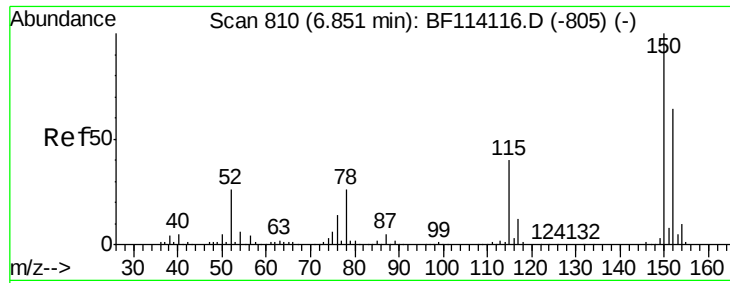
Manual Integrations
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	329118	48.979	ng	97
43) 2,4,6-Trichlorophenol	9.13	196	345193	33.536	ng	99
44) 2,4,5-Trichlorophenol	9.18	196	372672	35.304	ng	98
46) 1,1'-Biphenyl	9.31	154	1442134	36.135	ng	97
47) 2-Chloronaphthalene	9.34	162	1103128	34.345	ng	96
48) 2-Nitroaniline	9.43	65	387173	33.989	ng	99
49) Acenaphthylene	9.75	152	1755896	35.944	ng	99
50) Dimethylphthalate	9.61	163	1259610	34.733	ng	100
51) 2,6-Dinitrotoluene	9.67	165	286422	35.608	ng	94
52) Acenaphthene	9.92	154	1020951	34.058	ng	99
53) 3-Nitroaniline	9.85	138	236684	23.704	ng	98
54) 2,4-Dinitrophenol	9.96	184	254989	64.473	ng	98
55) Dibenzofuran	10.10	168	1505186	34.242	ng	96
56) 4-Nitrophenol	10.03	139	381456	54.021	ng	98
57) 2,4-Dinitrotoluene	10.09	165	370244	33.913	ng	92
58) Fluorene	10.44	166	1193174	35.142	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.22	232	300105	32.948	ng	100
60) Diethylphthalate	10.31	149	1246842	33.837	ng	99
61) 4-Chlorophenyl-phenylether	10.43	204	570699	34.223	ng	97
62) 4-Nitroaniline	10.46	138	336057	32.029	ng	96
63) Azobenzene	10.59	77	1249794	35.041	ng	99
65) 4,6-Dinitro-2-methylphenol	10.50	198	166004	35.291	ng	81
66) n-Nitrosodiphenylamine	10.55	169	1067243	35.921	ng	99
67) 4-Bromophenyl-phenylether	10.92	248	361600	33.549	ng	99
68) Hexachlorobenzene	10.99	284	390413	32.742	ng	99
69) Atrazine	11.07	200	321721	34.796	ng	100
70) Pentachlorophenol	11.19	266	321147	56.816	ng	98
71) Phenanthrene	11.40	178	1684063	35.360	ng	99
72) Anthracene	11.46	178	1776919	37.146	ng	99
73) Carbazole	11.61	167	1688728	37.020	ng	99
74) Di-n-butylphthalate	11.93	149	1934354	36.807	ng	99
75) Fluoranthene	12.59	202	1862022	36.306	ng	98
77) Benzidine	12.71	184	815325	25.193	ng	97
78) Pyrene	12.82	202	1902700	32.807	ng	99
80) Butylbenzylphthalate	13.43	149	878023	35.967	ng	98
81) Benzo(a)anthracene	14.02	228	1651637	35.419	ng	100
82) 3,3'-Dichlorobenzidine	13.97	252	525779	29.065	ng	98
83) Chrysene	14.06	228	1579996	34.564	ng	99
84) Bis(2-ethylhexyl)phthalate	13.99	149	1193673	37.387	ng	99
85) Di-n-octyl phthalate	14.63	149	2024271	39.112	ng	99
86) Indeno(1,2,3-cd)pyrene	17.03	276	1562430	38.675	ng	99
88) Benzo(b)fluoranthene	15.10	252	1641675	35.060	ng	99
89) Benzo(k)fluoranthene	15.13	252	1609124	37.410	ng	99
90) Benzo(a)pyrene	15.47	252	1585083	38.464	ng	99
91) Dibenzo(a,h)anthracene	17.03	278	1298578	37.922	ng	99
92) Benzo(g,h,i)perylene	17.47	276	1300166	37.887	ng	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed



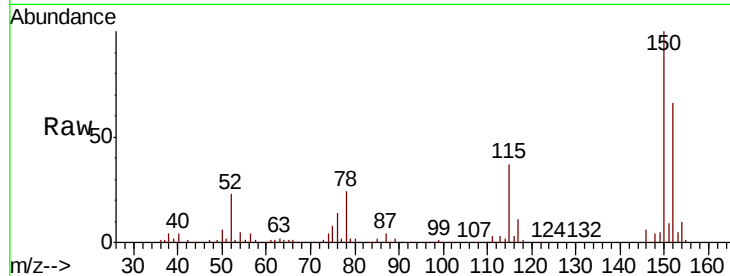
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.85 min Scan# 810
 Delta R.T. -0.00 min
 Lab File: BF114304.D
 Acq: 16 May 2019 13:02

Instrument :
 BNA_F
 ClientSampleId :
 PB119768BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.9	124.3	186.5
115	56.1	49.1	73.7

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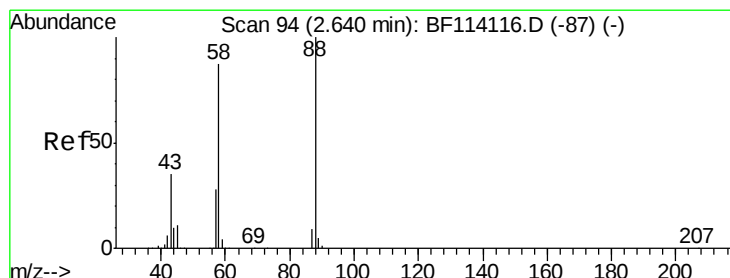
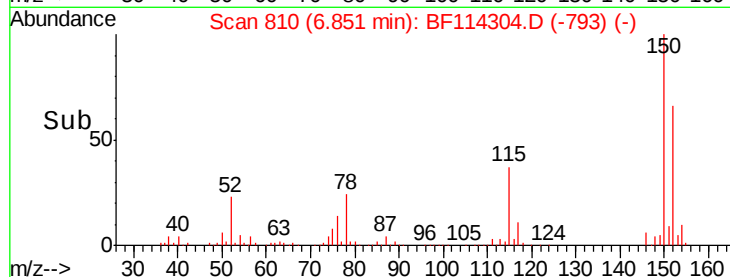
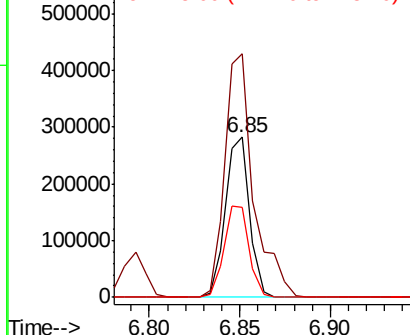


Abundance

Ion 152.00 (151.70 to 152.70): E

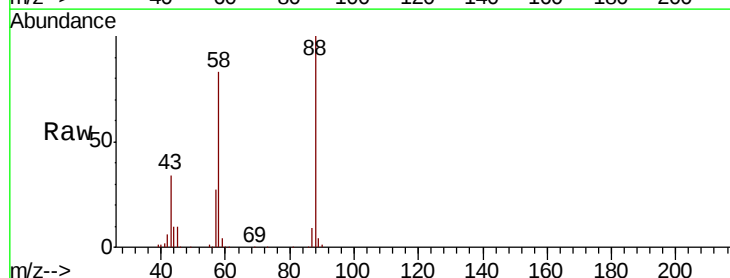
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2
 1,4-Dioxane
 Concen: 30.867 ng
 RT: 2.72 min Scan# 108
 Delta R.T. 0.08 min
 Lab File: BF114304.D
 Acq: 16 May 2019 13:02

Tgt Ion	Ratio	Lower	Upper
88	100		
58	85.3	68.7	103.1
43	34.0	28.2	42.2

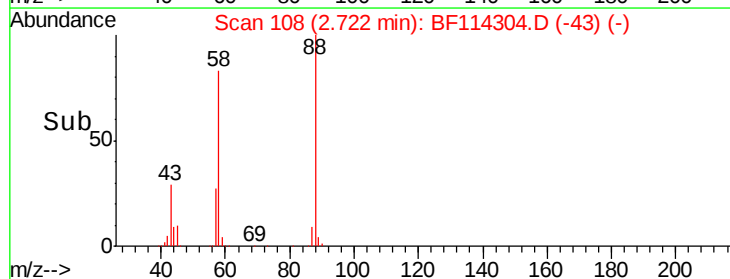
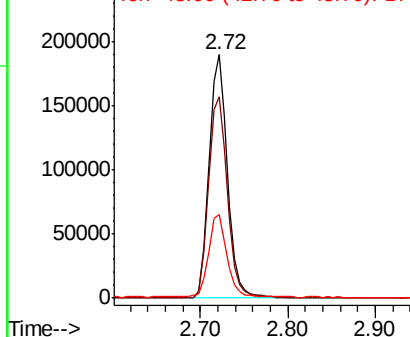


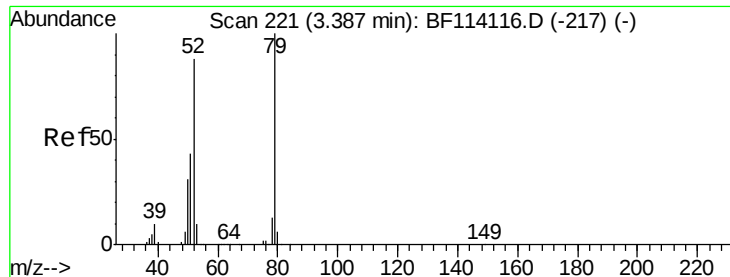
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 29.120 ng

RT: 3.47 min Scan# 235

Delta R.T. 0.08 min

Lab File: BF114304.D

Acq: 16 May 2019 13:02

Instrument :

BNA_F

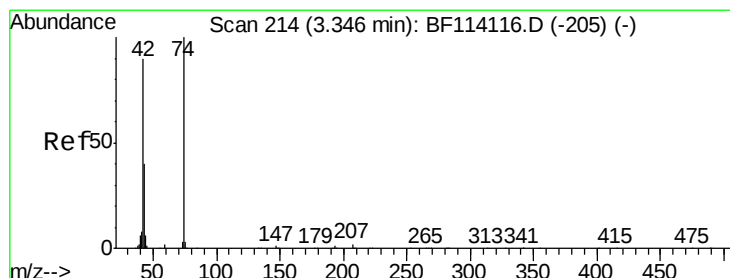
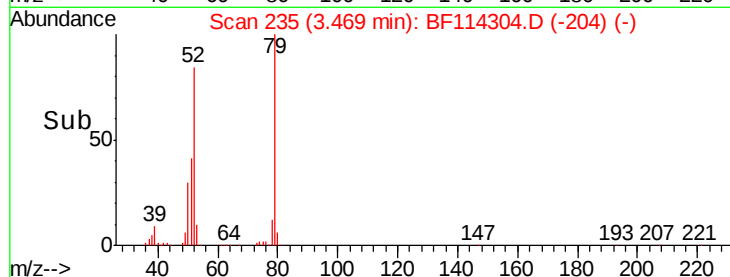
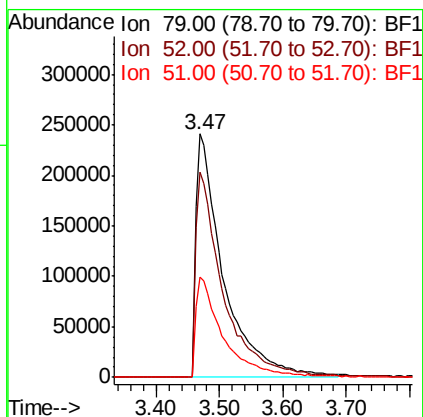
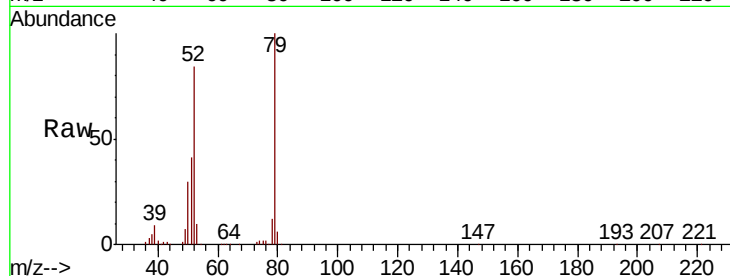
ClientSampleId :

PB119768BS

Tot Ion:	79	Resp:	719147
Ion	Ratio	Lower	Upper
79	100		
52	84.5	70.6	105.8
51	41.1	34.2	51.2

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#4

n-Nitrosodimethylamine

Concen: 30.191 ng

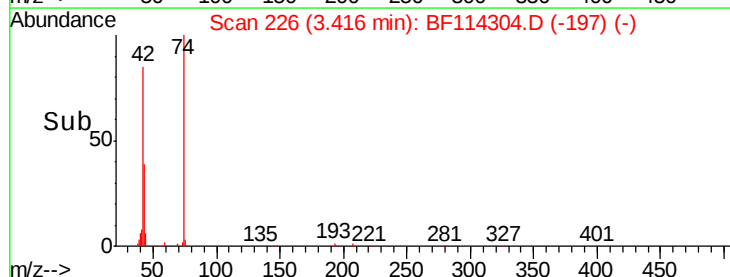
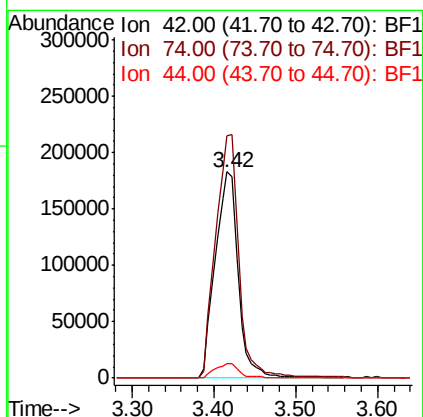
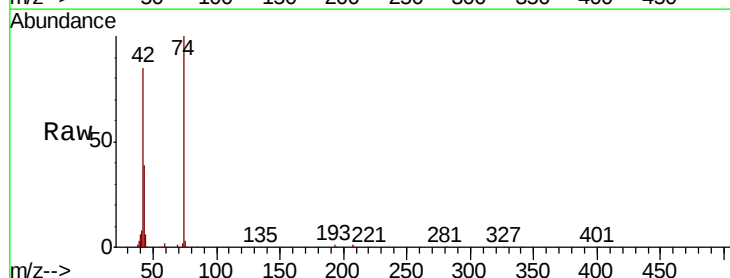
RT: 3.42 min Scan# 226

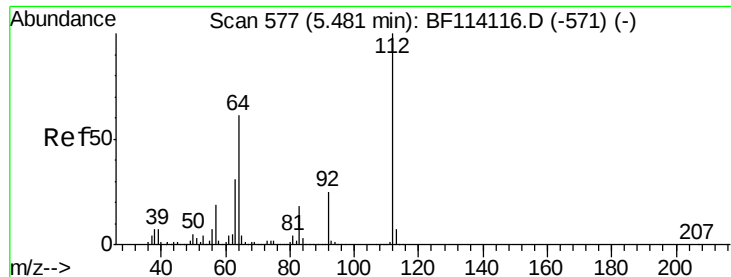
Delta R.T. 0.07 min

Lab File: BF114304.D

Acq: 16 May 2019 13:02

Tgt Ion:	42	Resp:	359552
Ion	Ratio	Lower	Upper
42	100		
74	117.9	88.6	132.8
44	7.1	5.5	8.3





#5

2-Fluorophenol

Concen: 101.080 ng

RT: 5.50 min Scan# 580

Delta R.T. 0.02 min

Lab File: BF114304.D

Acq: 16 May 2019 13:02

Instrument :

BNA_F

ClientSampleId :

PB119768BS

Tot Ion:112 Resp: 1648334

Ion Ratio Lower Upper

112 100

64 64.8 49.0 73.6

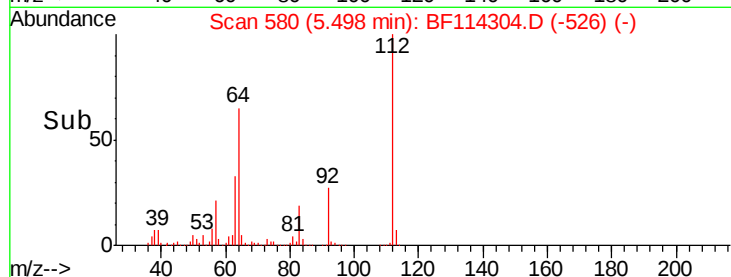
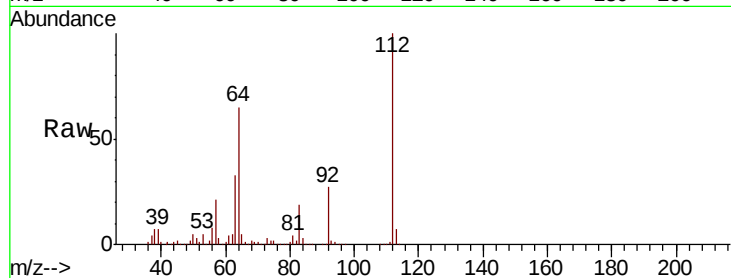
63 33.4 24.6 37.0

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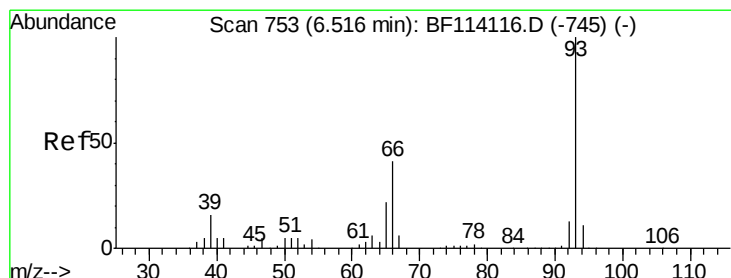
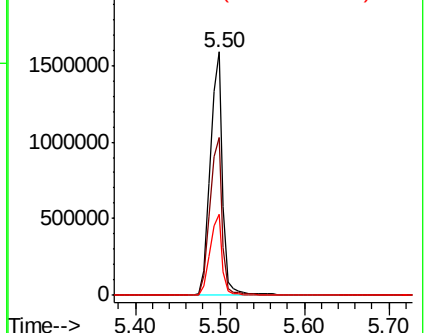
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Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 22.588 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.00 min

Lab File: BF114304.D

Acq: 16 May 2019 13:02

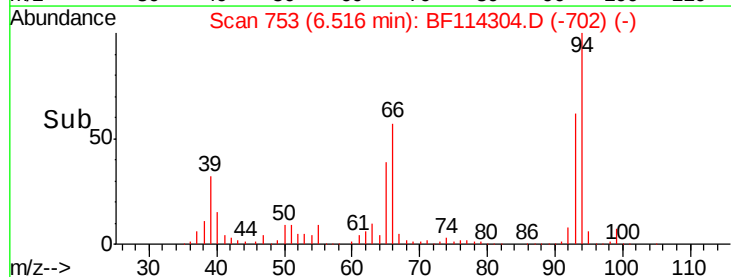
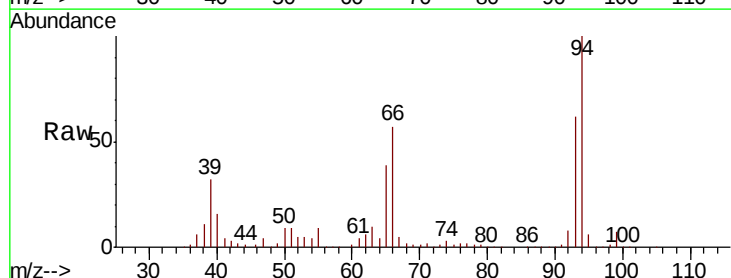
Tgt Ion: 93 Resp: 629311

Ion Ratio Lower Upper

93 100

66 91.4 33.2 49.8#

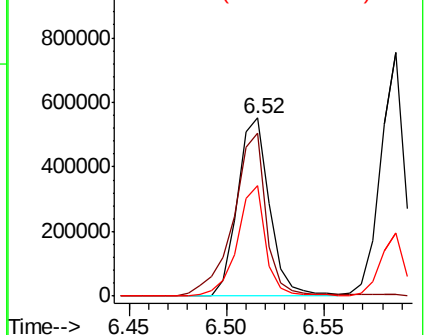
65 62.2 17.6 26.4#

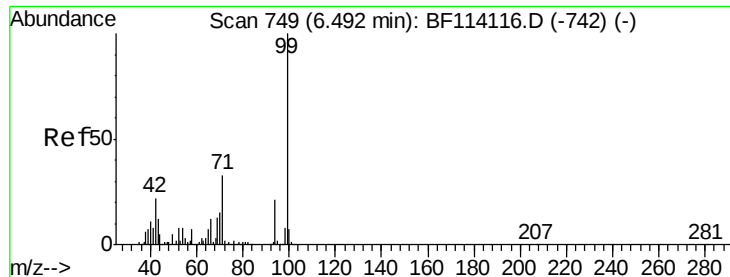


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 110.244 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF114304.D

Acq: 16 May 2019 13:02

Instrument :

BNA_F

ClientSampleId :

PB119768BS

Tot Ion: 99 Resp: 2126293

Ion Ratio Lower Upper

99 100

42 22.3 17.9 26.9

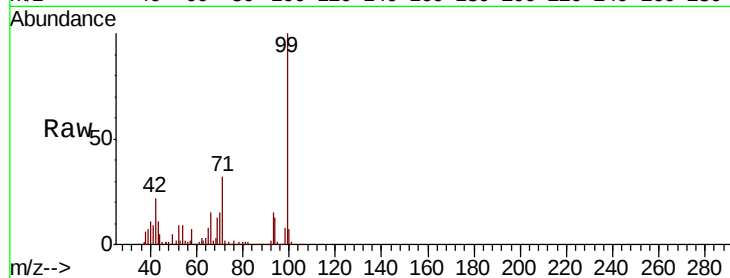
71 32.1 26.2 39.2

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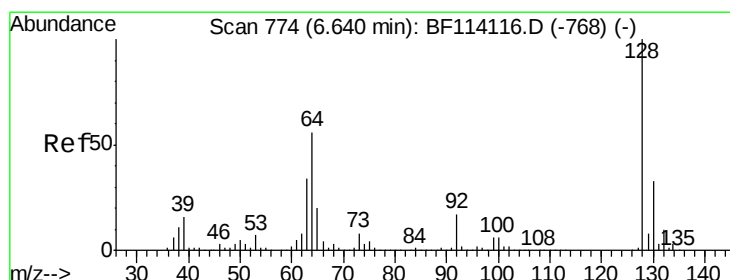
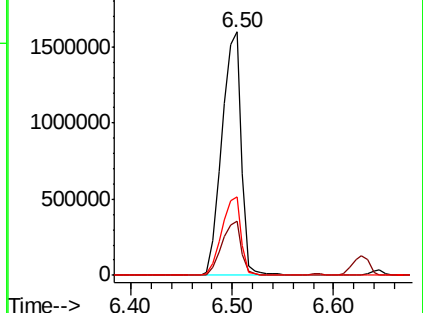
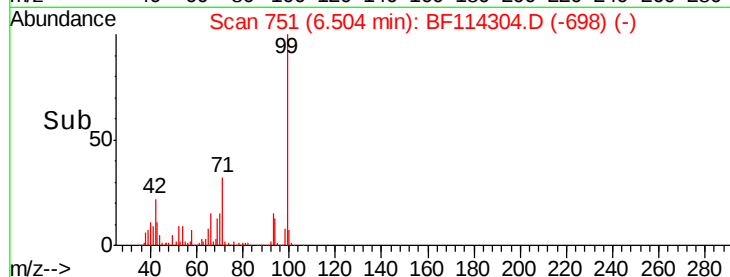
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 36.267 ng

RT: 6.65 min Scan# 775

Delta R.T. 0.01 min

Lab File: BF114304.D

Acq: 16 May 2019 13:02

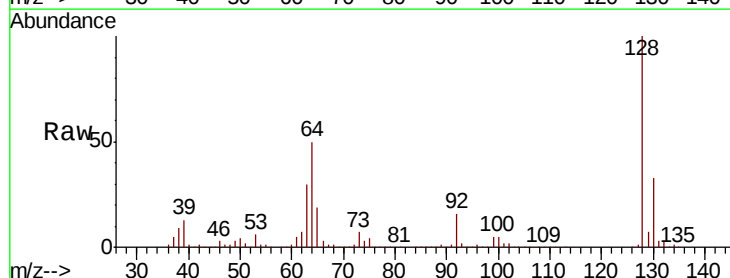
Tgt Ion:128 Resp: 631370

Ion Ratio Lower Upper

128 100

130 32.7 12.6 52.6

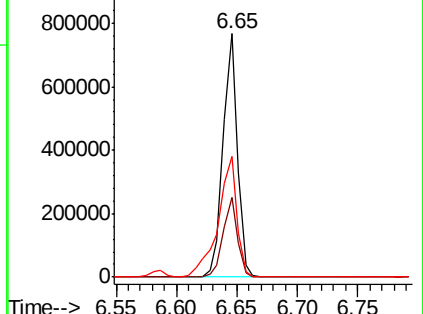
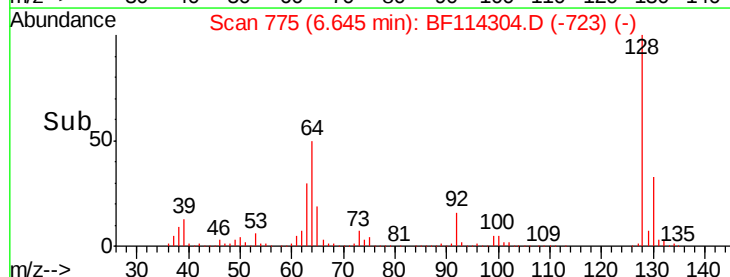
64 49.6 35.9 75.9

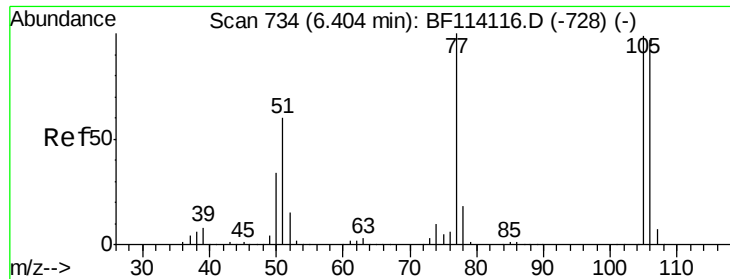


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





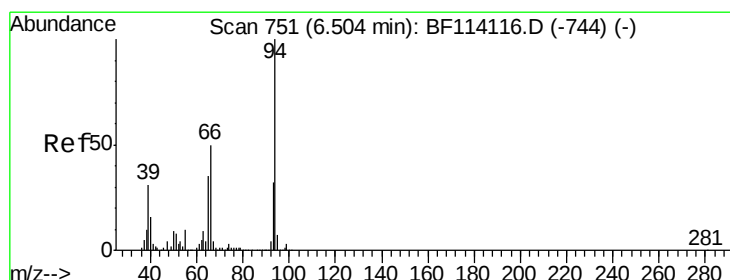
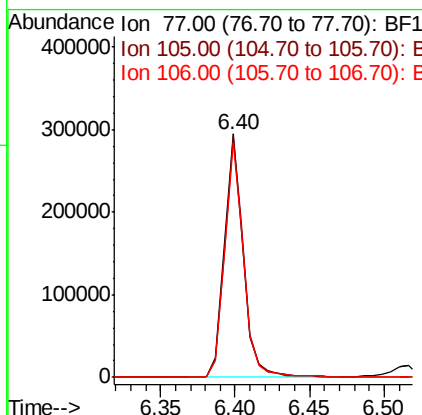
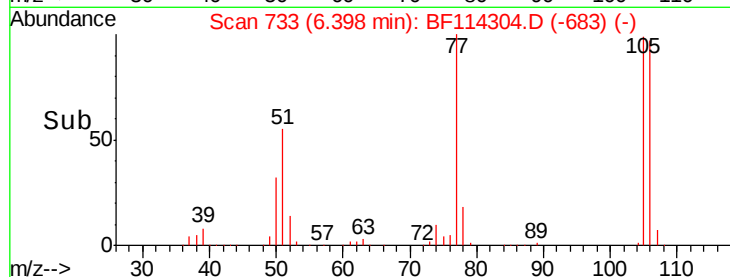
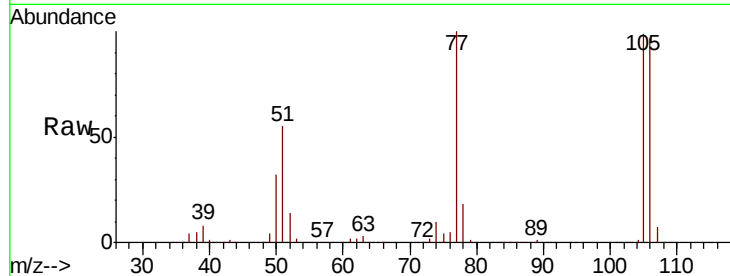
#9
Benzaldehyde
Concen: 19.657 ng
RT: 6.40 min Scan# 733
Delta R.T. -0.01 min
Lab File: BF114304.D
Acq: 16 May 2019 13:02

Instrument :
BNA_F
ClientSampleId :
PB119768BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	99.0	79.3	119.3
106	96.6	77.0	117.0

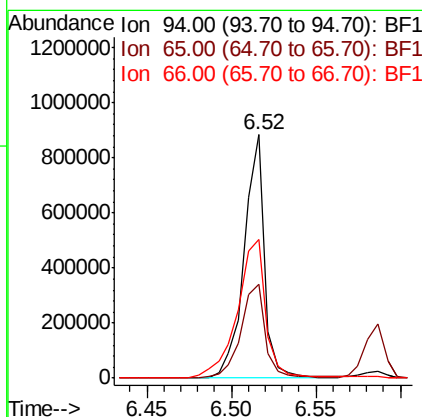
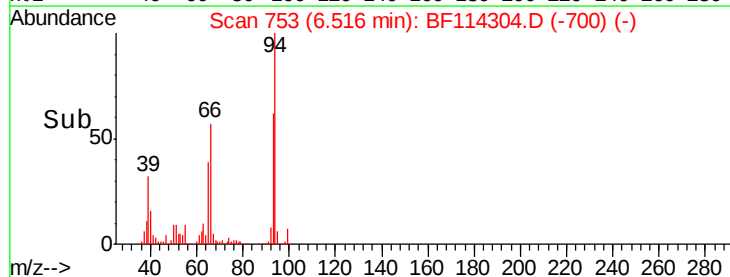
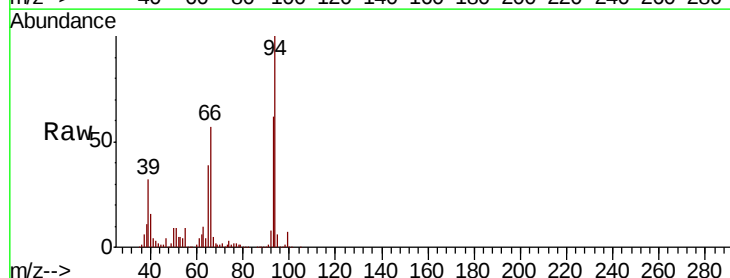
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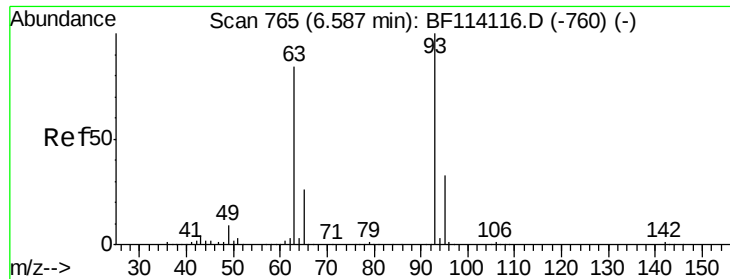
mohammad
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#10
Phenol
Concen: 33.028 ng
RT: 6.52 min Scan# 753
Delta R.T. 0.01 min
Lab File: BF114304.D
Acq: 16 May 2019 13:02

Tgt Ion	Ratio	Lower	Upper
94	100		
65	38.8	14.7	54.7
66	57.0	29.6	69.6





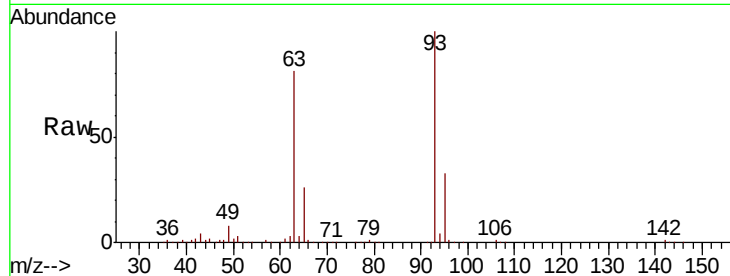
#11
bis(2-Chloroethyl)ether
Concen: 36.450 ng
RT: 6.59 min Scan# 765
Delta R.T. -0.00 min
Lab File: BF114304.D
Acq: 16 May 2019 13:02

Instrument :
BNA_F
ClientSampleId :
PB119768BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	80.8	63.6	103.6
95	33.0	13.1	53.1

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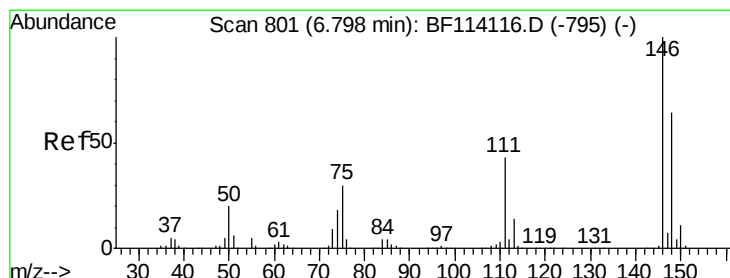
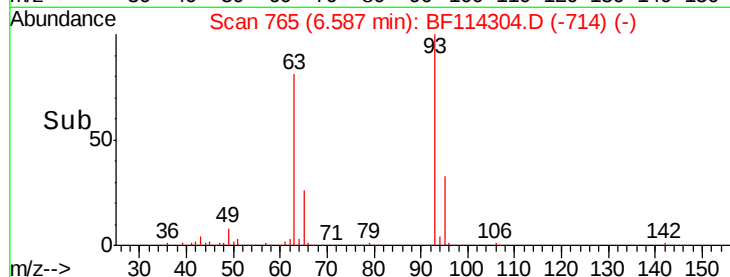
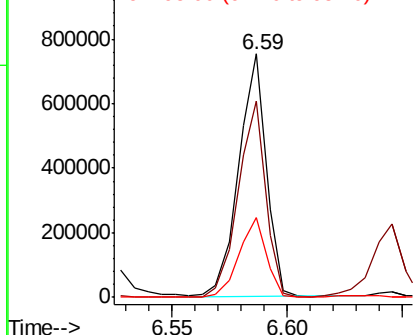


Abundance

Ion 93.00 (92.70 to 93.70): BF1

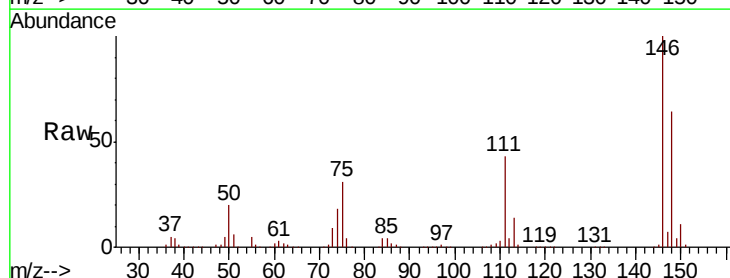
Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12
1,3-Dichlorobenzene
Concen: 33.867 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF114304.D
Acq: 16 May 2019 13:02

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.6	77.4
75	30.7	24.2	36.2

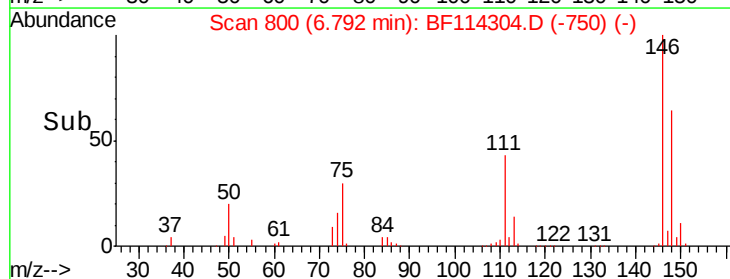
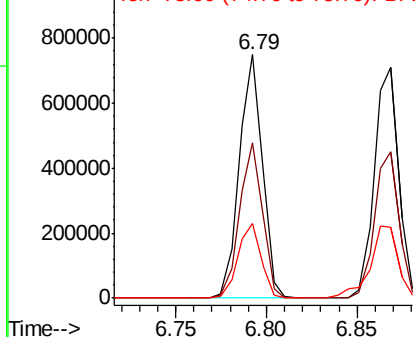


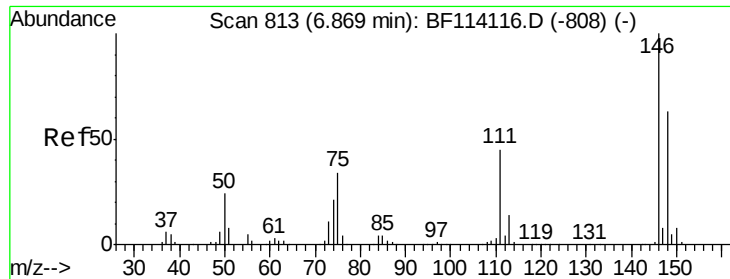
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





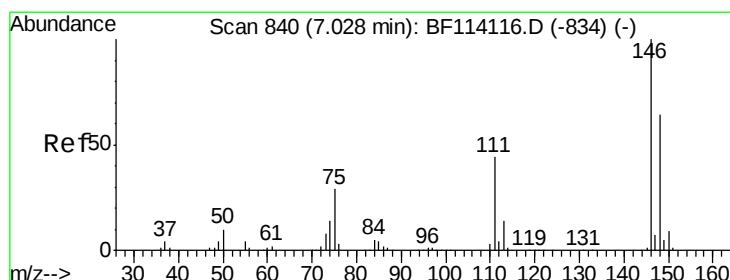
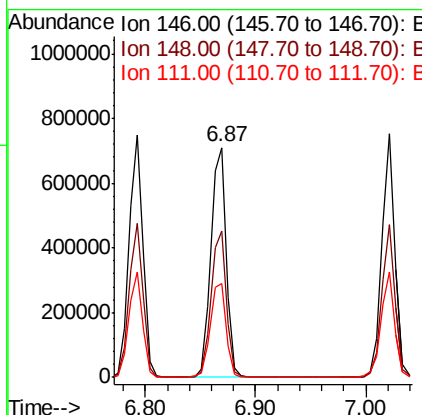
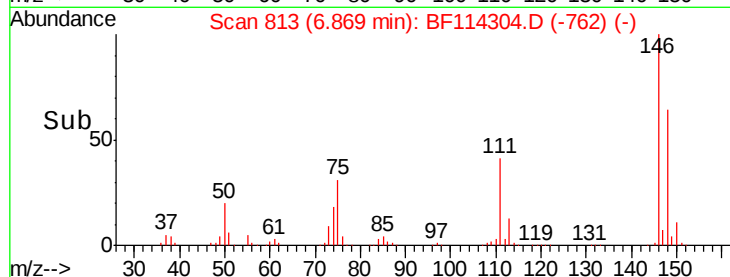
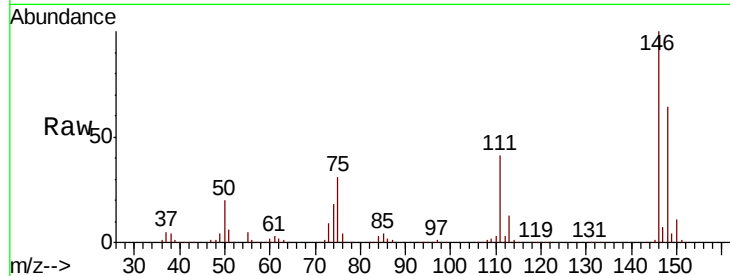
#13
 1,4-Dichlorobenzene
 Concen: 33.808 ng
 RT: 6.87 min Scan# 813
 Delta R.T. -0.00 min
 Lab File: BF114304.D
 Acq: 16 May 2019 13:02

Instrument :
 BNA_F
 ClientSampleId :
 PB119768BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.2	75.2
111	41.1	35.8	53.6

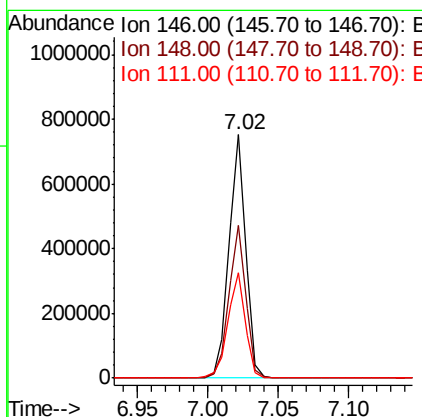
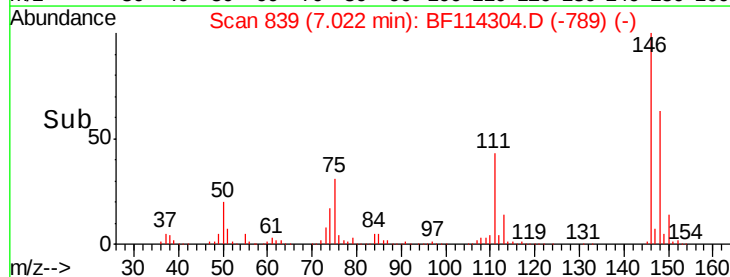
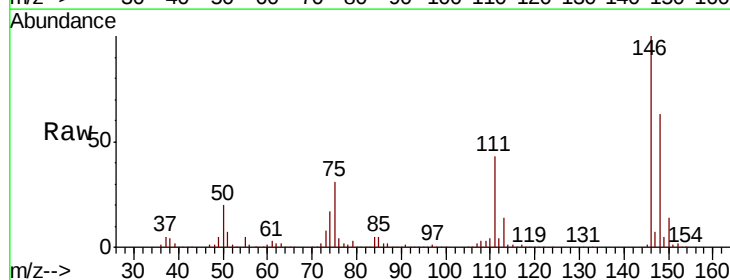
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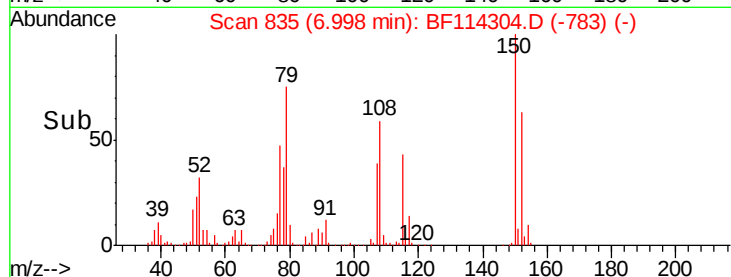
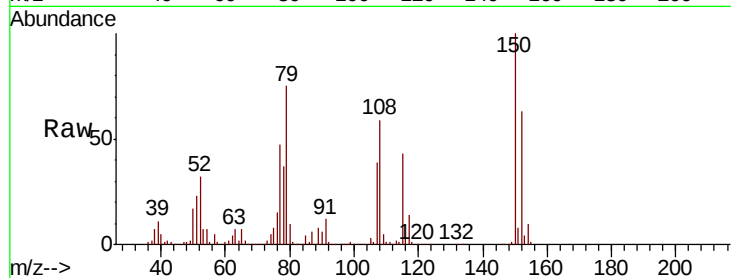
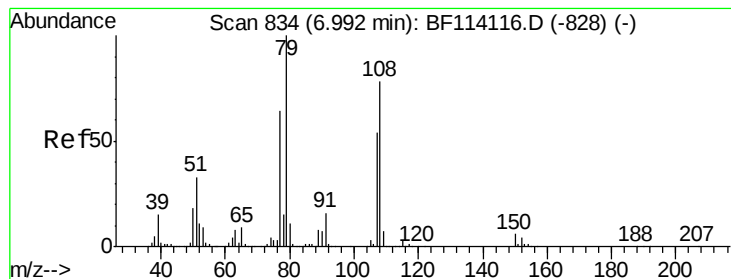
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 34.515 ng
 RT: 7.02 min Scan# 839
 Delta R.T. -0.01 min
 Lab File: BF114304.D
 Acq: 16 May 2019 13:02

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.9	51.1	76.7
111	43.4	35.3	52.9





#15

Benzyl Alcohol

Concen: 34.319 ng

RT: 7.00 min Scan# 835

Delta R.T. 0.01 min

Lab File: BF114304.D

Acq: 16 May 2019 13:02

Tot Ion:	79	Resp:	516252
Ion Ratio	Lower	Upper	
79	100		
108	78.5	62.1	93.1
77	62.8	51.0	76.6

Instrument :

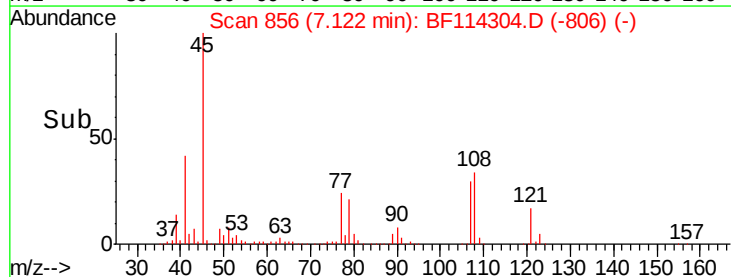
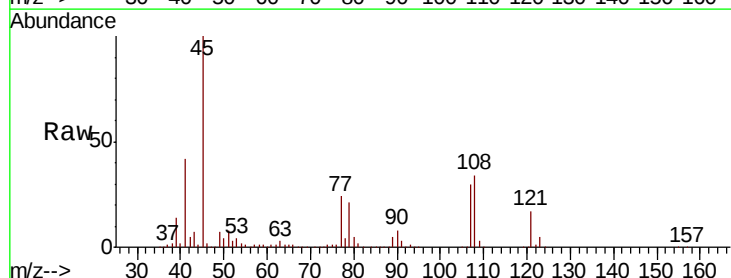
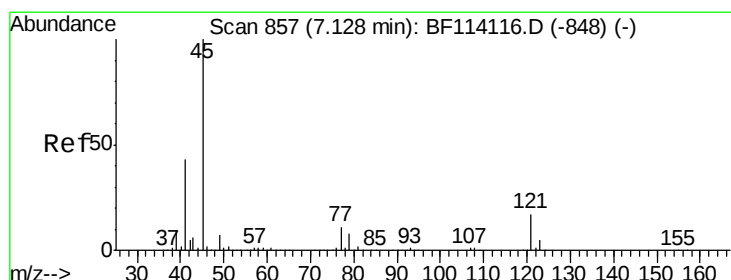
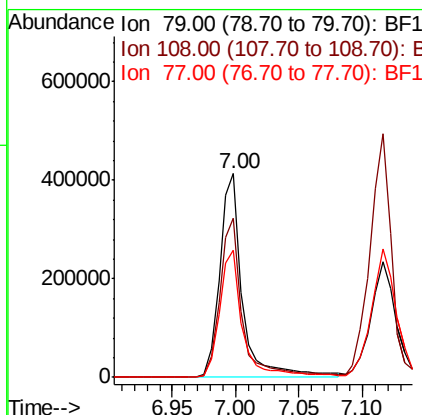
BNA_F

ClientSampleId :

PB119768BS

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.219 ng

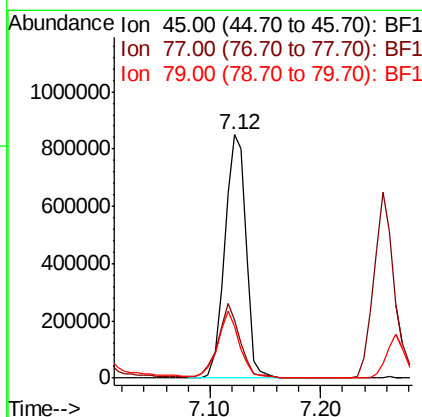
RT: 7.12 min Scan# 856

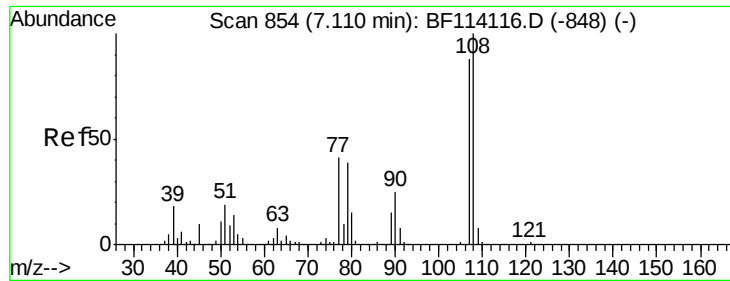
Delta R.T. -0.01 min

Lab File: BF114304.D

Acq: 16 May 2019 13:02

Tgt Ion:	45	Resp:	1142871
Ion Ratio	Lower	Upper	
45	100		
77	24.1	0.0	31.1
79	21.1	0.0	28.4





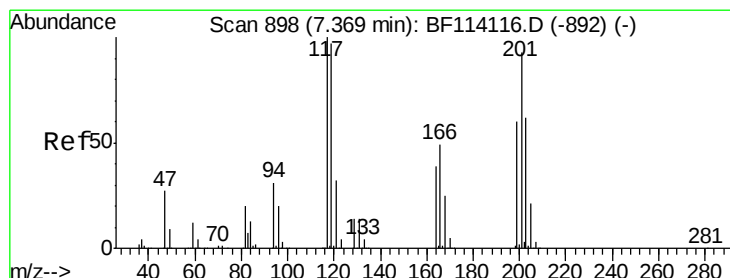
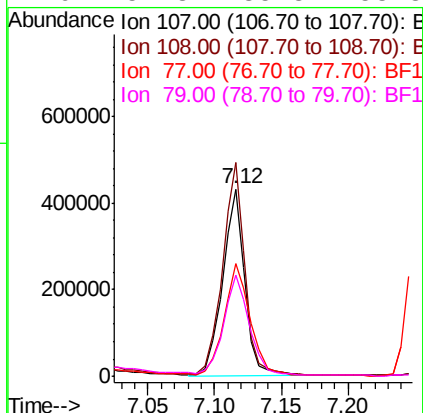
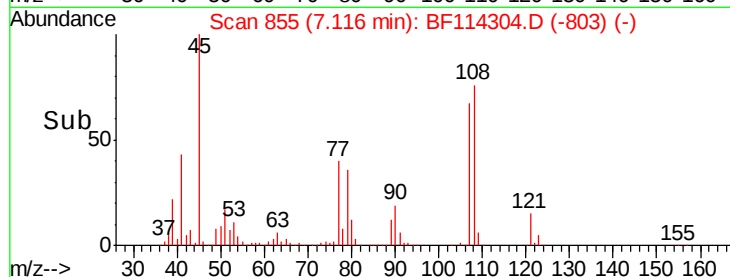
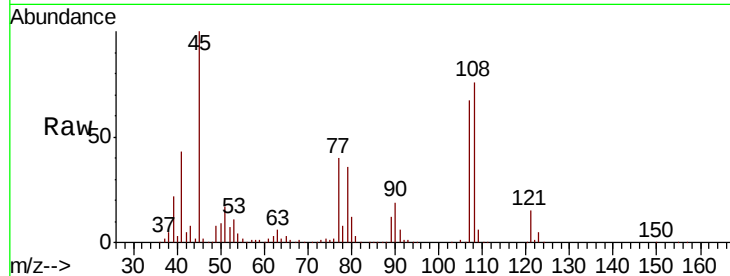
#17
2-Methylphenol
Concen: 35.561 ng
RT: 7.12 min Scan# 855
Delta R.T. 0.01 min
Lab File: BF114304.D
Acq: 16 May 2019 13:02

Instrument :
BNA_F
ClientSampleId :
PB119768BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.0	90.5	135.7	
77	60.0	37.0	55.4	
79	54.3	35.8	53.8	

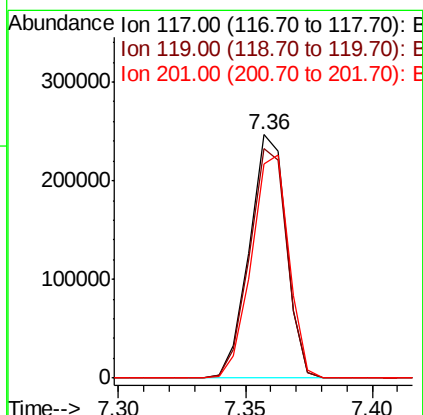
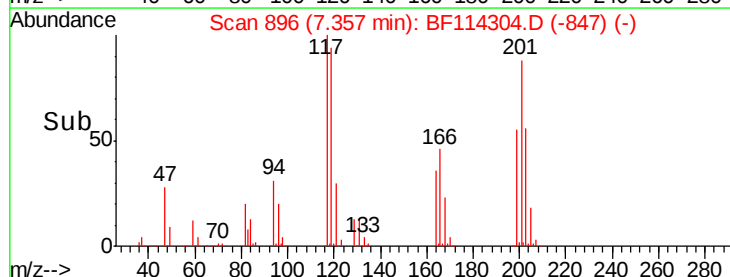
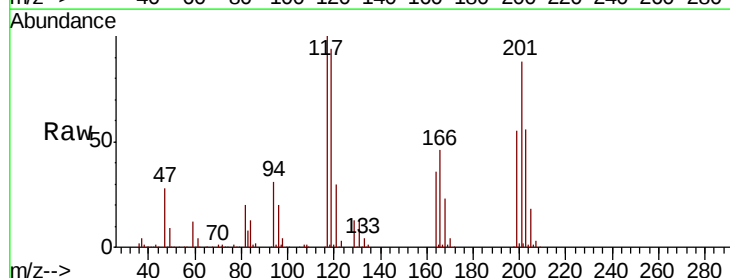
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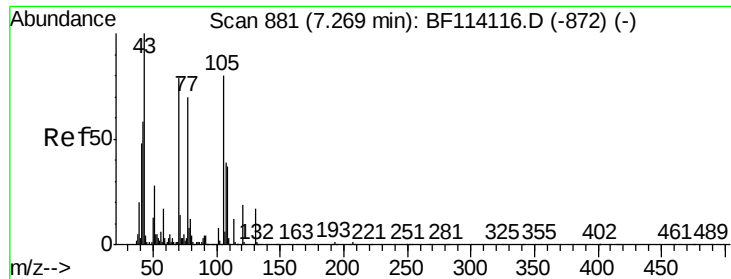
mohammad
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#18
Hexachloroethane
Concen: 34.005 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF114304.D
Acq: 16 May 2019 13:02

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.1	77.4	116.2	
201	88.1	74.5	111.7	





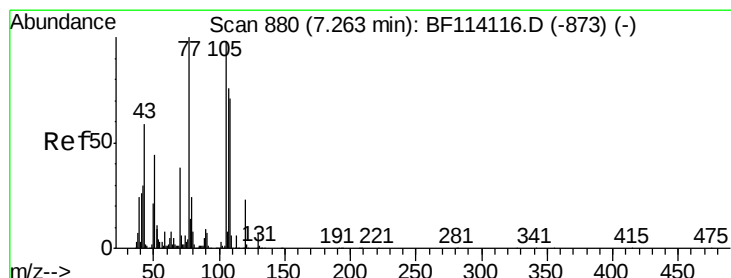
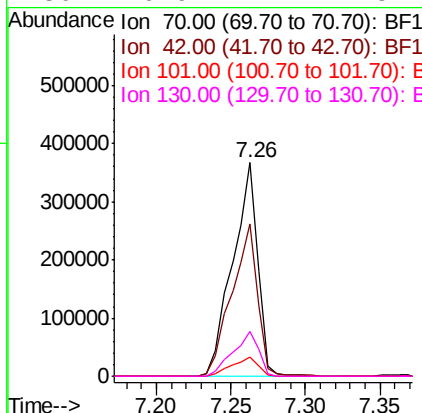
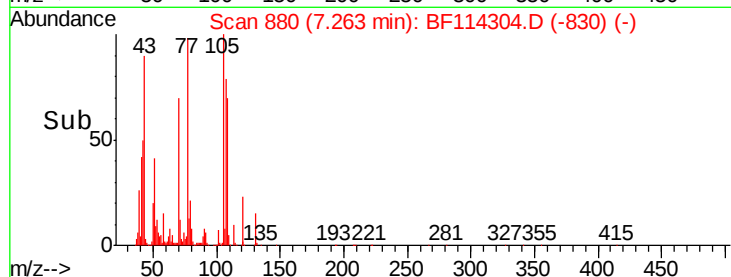
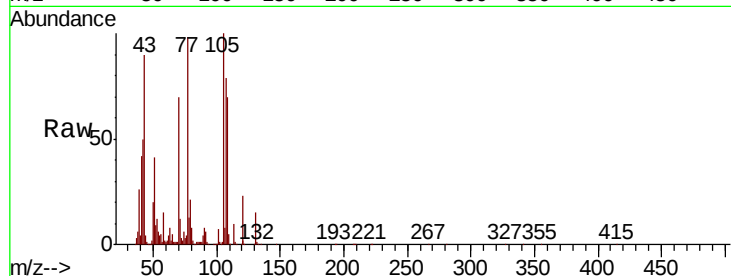
#19
n-Nitroso-di-n-propylamine
Concen: 35.506 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF114304.D
Acq: 16 May 2019 13:02

Instrument :
BNA_F
ClientSampleId :
PB119768BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	71.3	58.6	87.8
101	9.3	7.8	11.8
130	20.9	17.1	25.7

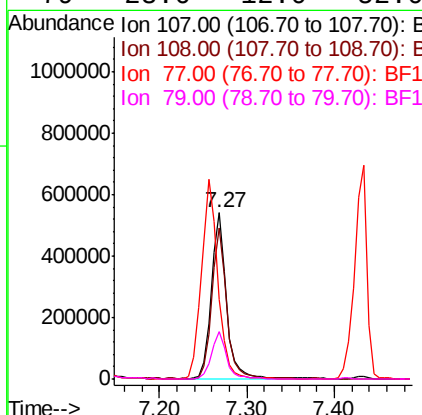
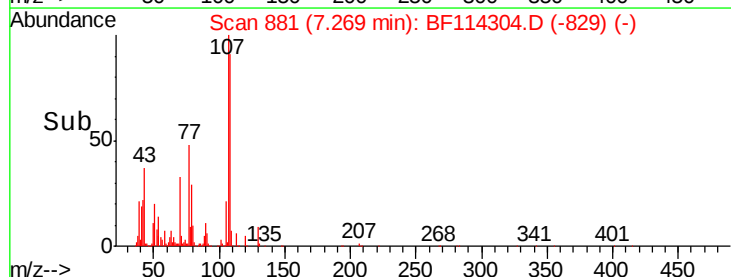
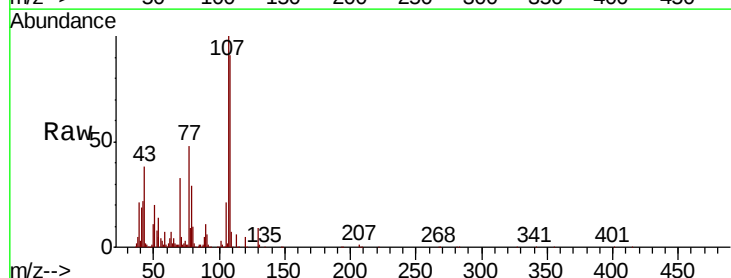
Manual Integrations
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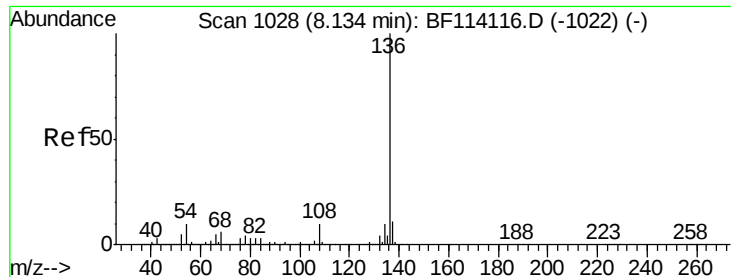
mohammad
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#20
3+4-Methylphenols
Concen: 39.047 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.01 min
Lab File: BF114304.D
Acq: 16 May 2019 13:02

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.0	73.8	113.8
77	47.6	111.5	151.5#
79	28.6	12.0	52.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1028

Delta R.T. -0.00 min

Lab File: BF114304.D

Acq: 16 May 2019 13:02

Instrument :

BNA_F

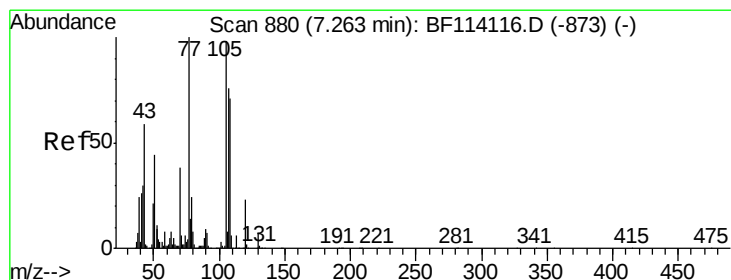
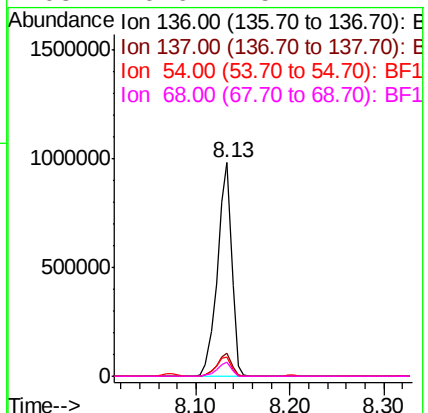
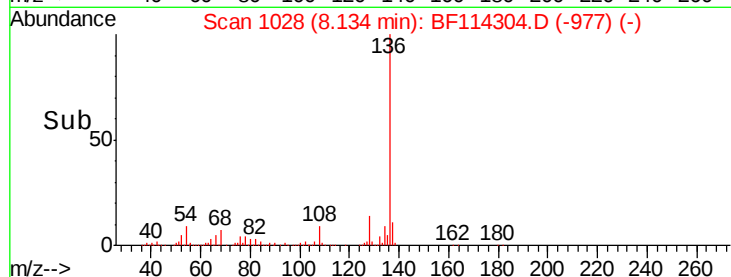
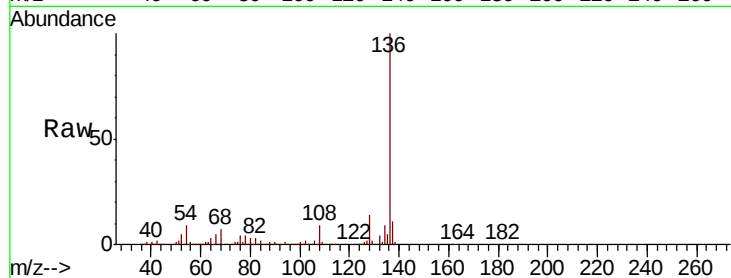
ClientSampleId :

PB119768BS

Tot Ion	136	Resp	1043537
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	9.3	7.8	11.8
68	6.6	5.1	7.7

Manual Integrations
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#22

Acetophenone

Concen: 36.667 ng

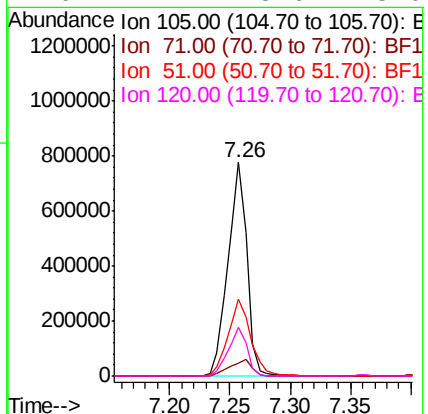
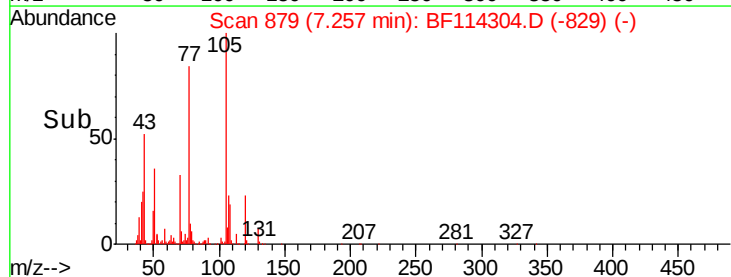
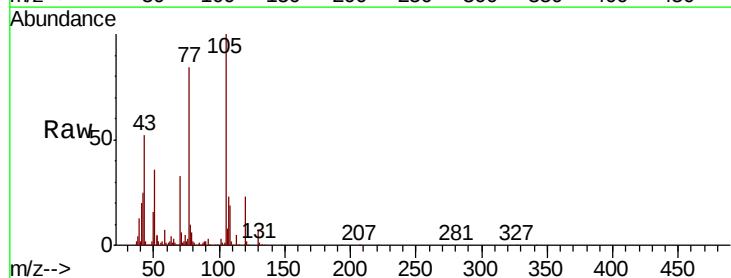
RT: 7.26 min Scan# 879

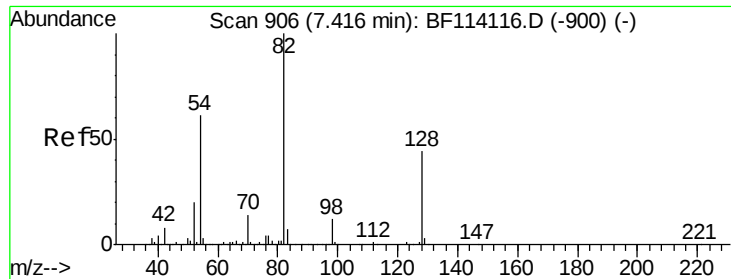
Delta R.T. -0.01 min

Lab File: BF114304.D

Acq: 16 May 2019 13:02

Tgt Ion	105	Resp	847648
Ion	Ratio	Lower	Upper
105	100		
71	5.8	5.3	7.9
51	36.2	36.2	54.4#
120	22.7	18.6	28.0





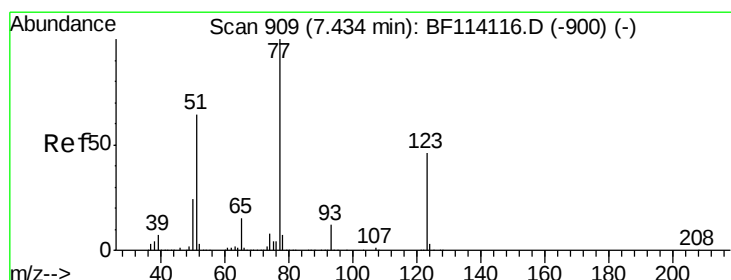
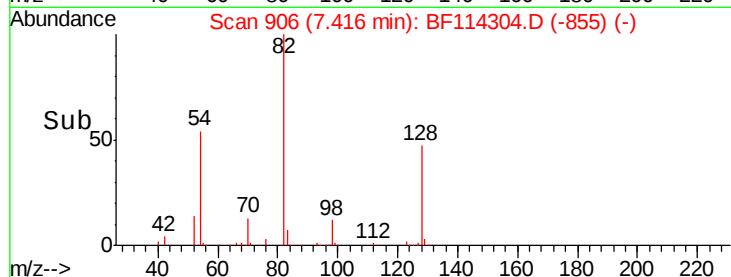
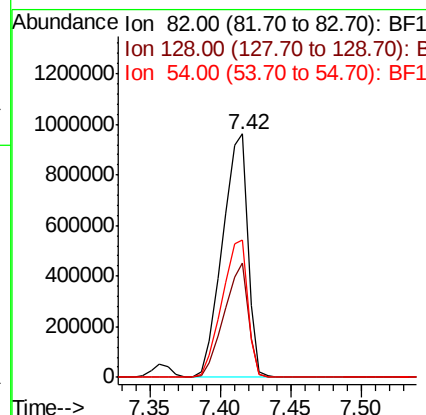
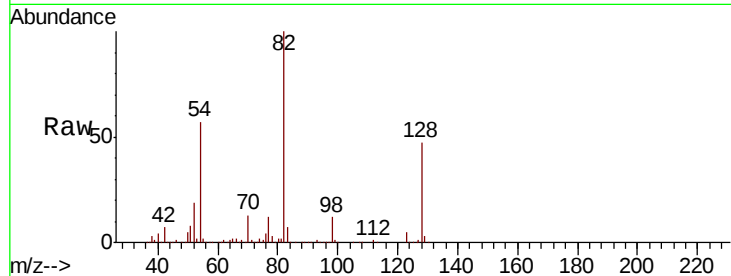
#23
Nitrobenzene-d5
Concen: 64.652 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.00 min
Lab File: BF114304.D
Acq: 16 May 2019 13:02

Instrument :
BNA_F
ClientSampleId :
PB119768BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.7	35.5	53.3
54	56.5	48.5	72.7

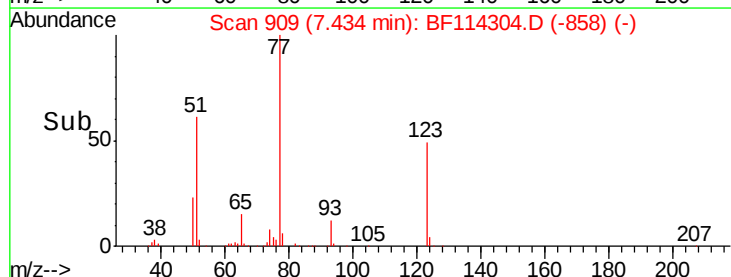
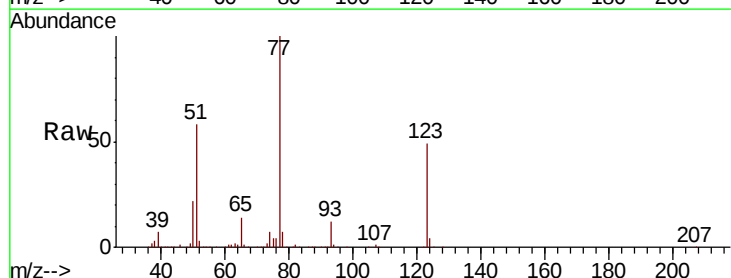
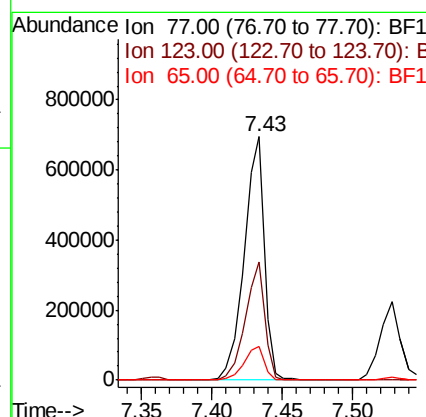
Manual Integrations
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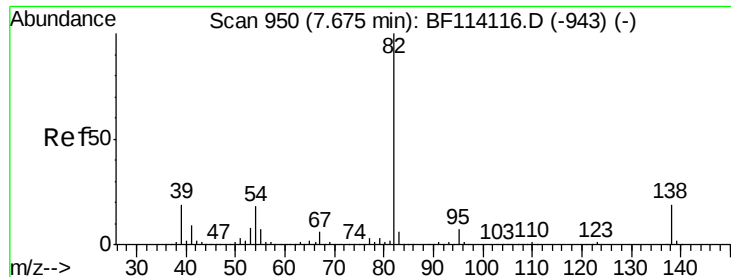
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#24
Nitrobenzene
Concen: 36.186 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.00 min
Lab File: BF114304.D
Acq: 16 May 2019 13:02

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.6	36.9	55.3
65	13.9	11.8	17.6





#25

Isophorone

Concen: 35.648 ng

RT: 7.67 min Scan# 949

Delta R.T. -0.01 min

Lab File: BF114304.D

Acq: 16 May 2019 13:02

Instrument :

BNA_F

ClientSampled :

PB119768BS

Tot Ion: 82 Resp: 1229360

Ion Ratio Lower Upper

82 100

95 6.5 5.6 8.4

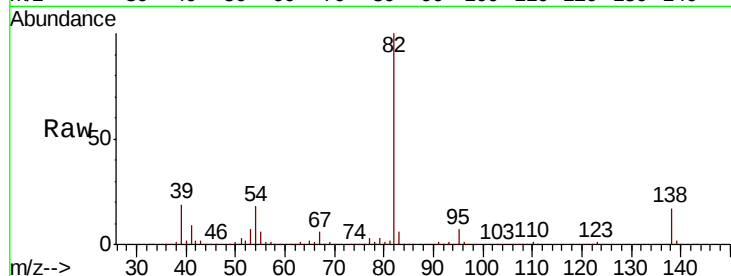
138 17.3 14.8 22.2

Manual Integrations

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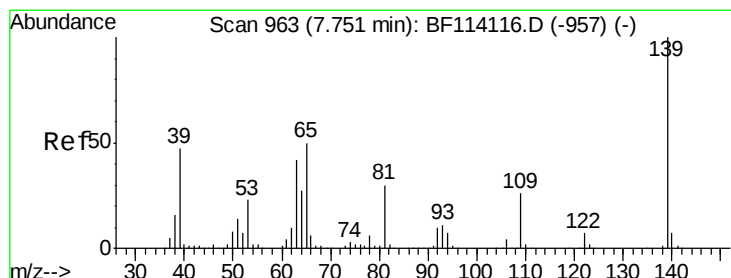
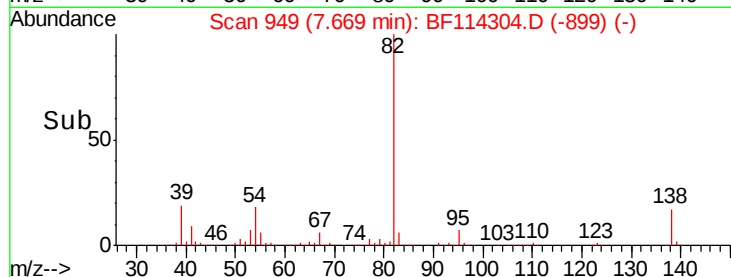
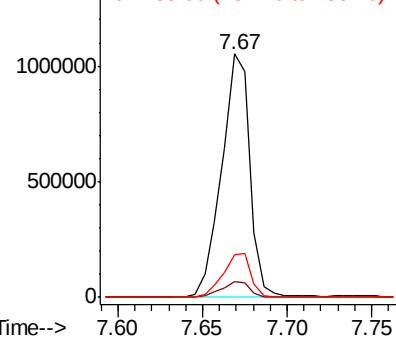
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Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 38.163 ng

RT: 7.75 min Scan# 963

Delta R.T. -0.00 min

Lab File: BF114304.D

Acq: 16 May 2019 13:02

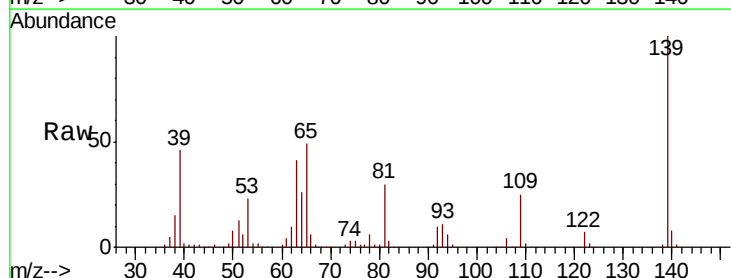
Tgt Ion: 139 Resp: 350659

Ion Ratio Lower Upper

139 100

109 24.8 20.7 31.1

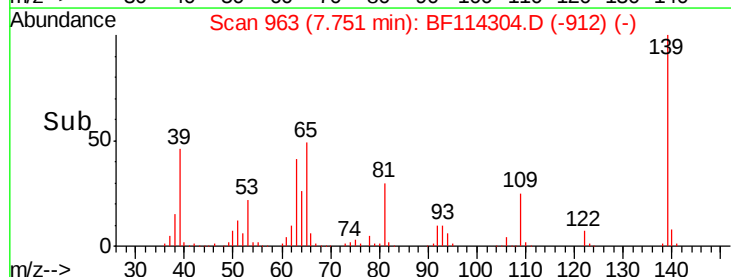
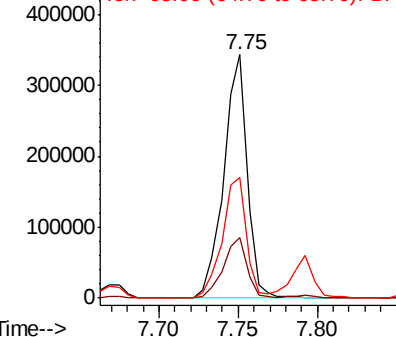
65 49.4 40.2 60.2

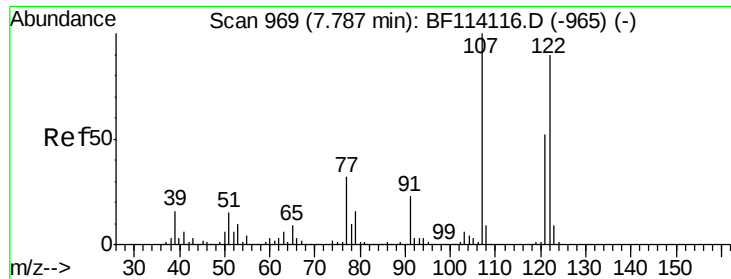


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





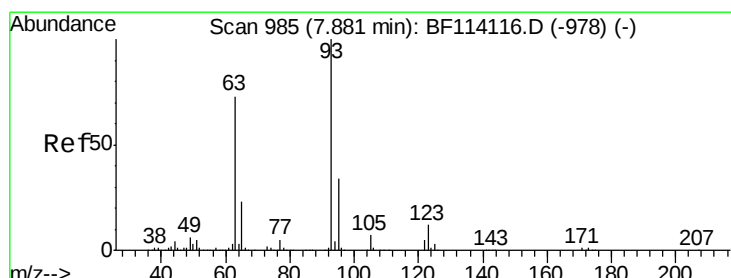
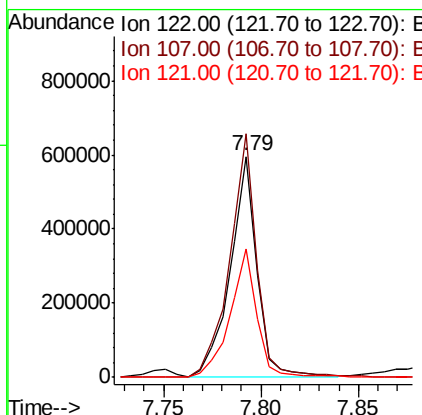
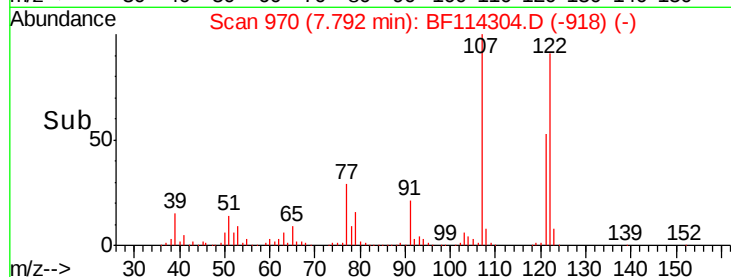
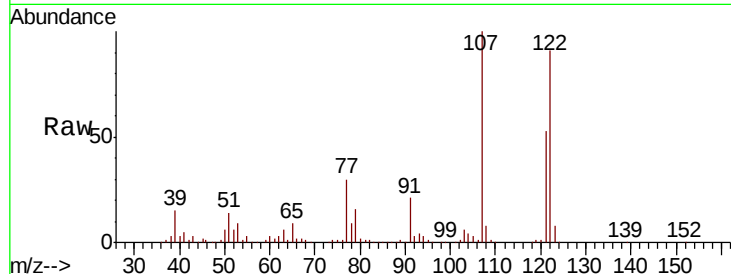
#27
2,4-Dimethylphenol
Concen: 39.203 ng
RT: 7.79 min Scan# 970
Delta R.T. 0.01 min
Lab File: BF114304.D
Acq: 16 May 2019 13:02

Instrument :
BNA_F
ClientSampleId :
PB119768BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	110.3	88.4	132.6
121	58.2	45.9	68.9

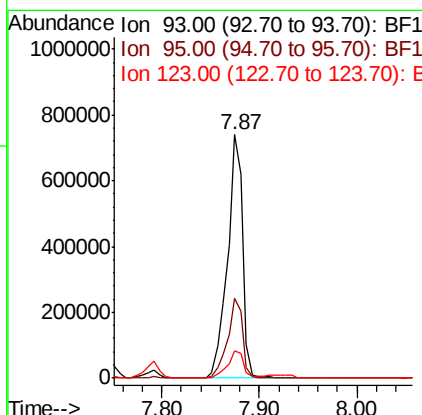
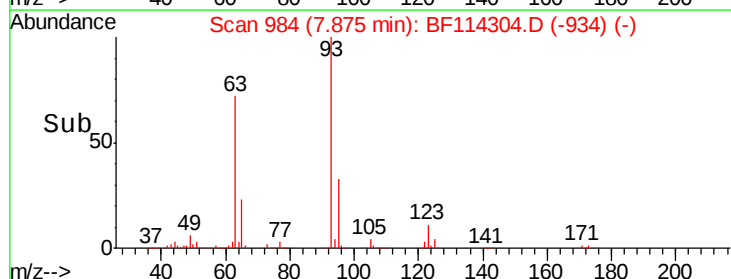
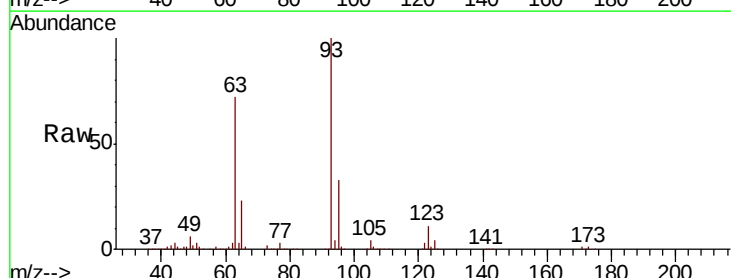
Manual Integrations
APPROVED

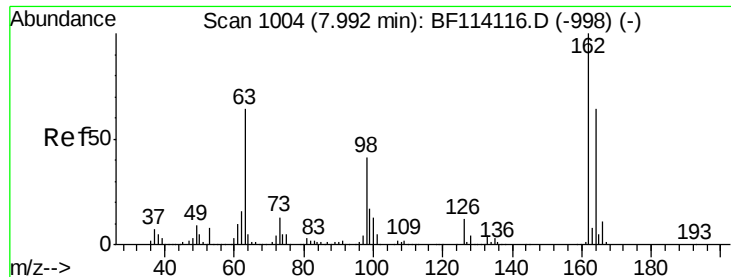
mohammad
5/17/2019 3:04:28 PM



#28
bis(2-Chloroethoxy)methane
Concen: 35.554 ng
RT: 7.87 min Scan# 984
Delta R.T. -0.01 min
Lab File: BF114304.D
Acq: 16 May 2019 13:02

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.8	40.2
123	11.2	9.5	14.3





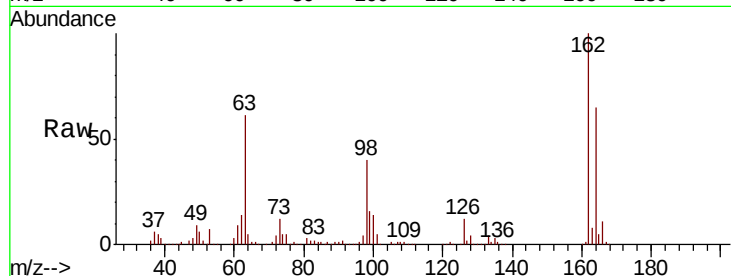
#29
2,4-Dichlorophenol
Concen: 36.058 ng
RT: 8.00 min Scan# 1005
Delta R.T. 0.01 min
Lab File: BF114304.D
Acq: 16 May 2019 13:02

Instrument :
BNA_F
ClientSampleId :
PB119768BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	518159		
164	64.6	43.6	83.6	
98	39.8	20.6	60.6	

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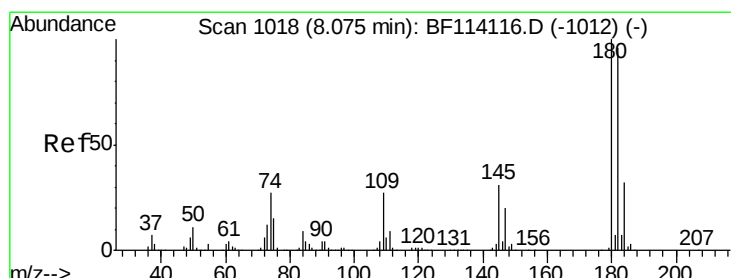
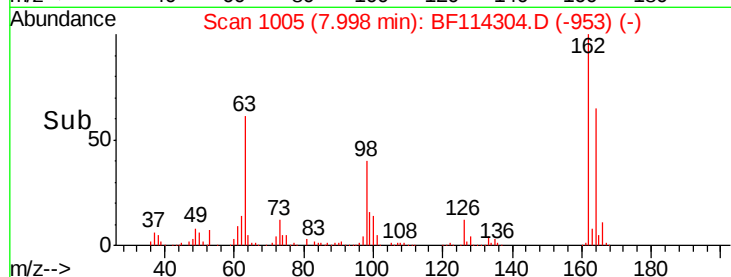
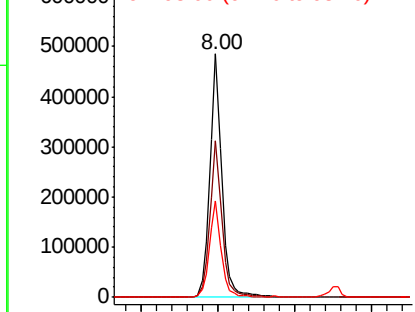


Abundance

Ion 162.00 (161.70 to 162.70): E

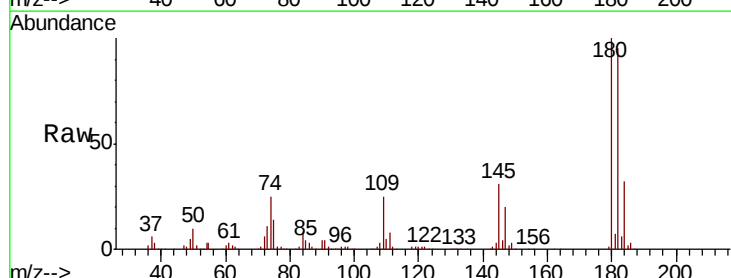
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 33.904 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BF114304.D
Acq: 16 May 2019 13:02

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	554006		
182	94.8	76.6	114.8	
145	30.5	25.1	37.7	

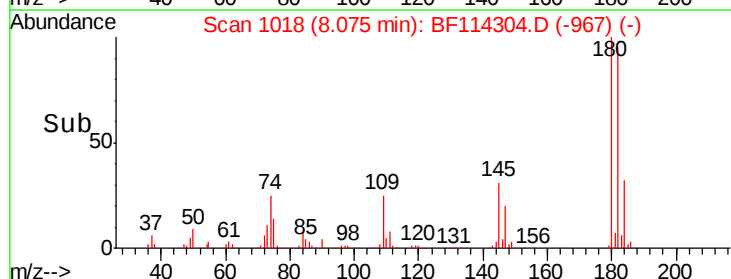
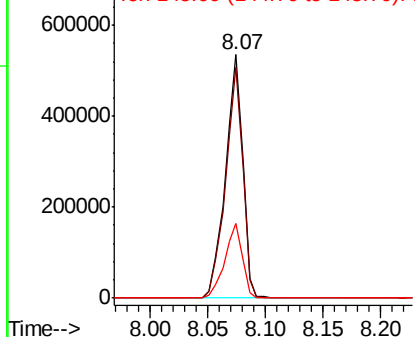


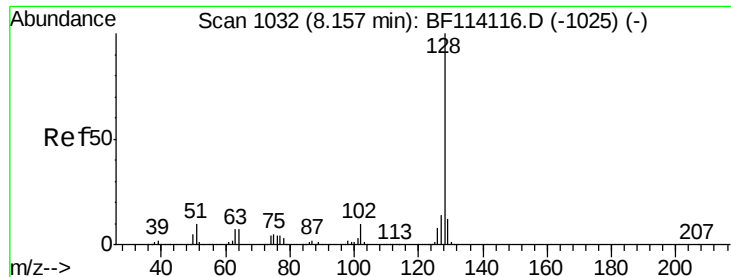
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





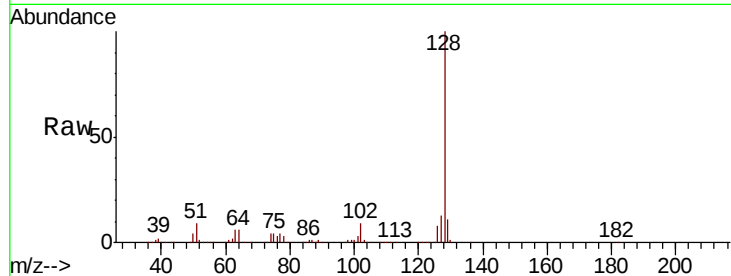
#31
Naphthalene
Concen: 36.453 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BF114304.D
Acq: 16 May 2019 13:02

Instrument :
BNA_F
ClientSampleId :
PB119768BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.6	14.4
127	13.3	11.3	16.9

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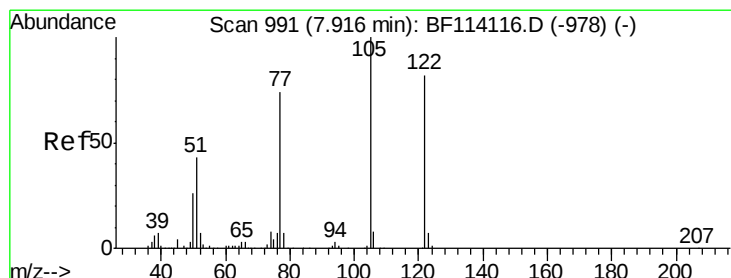
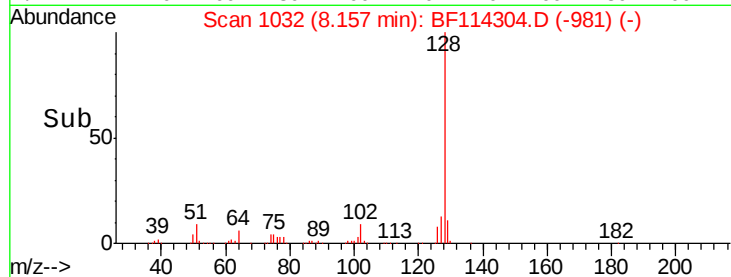
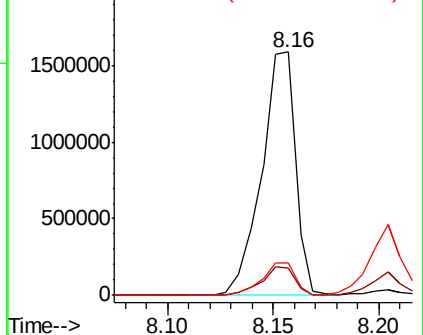


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 32.655 ng
RT: 7.93 min Scan# 993
Delta R.T. 0.01 min
Lab File: BF114304.D
Acq: 16 May 2019 13:02

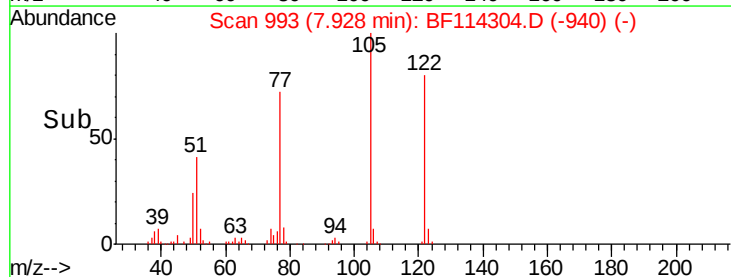
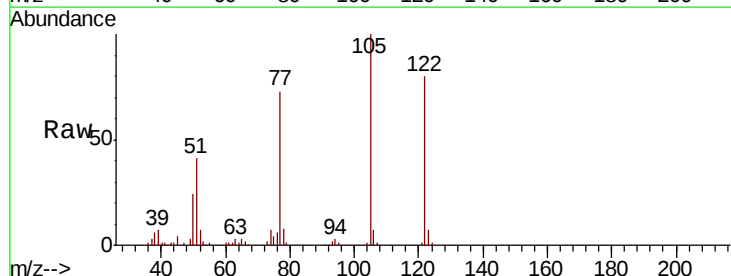
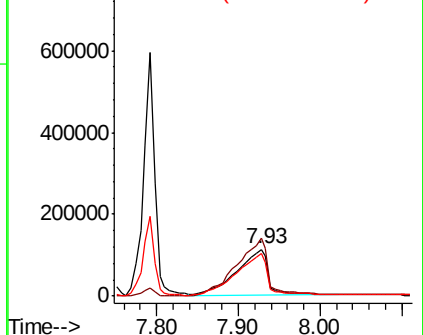
Tgt Ion	Ratio	Lower	Upper
122	100		
105	125.0	99.9	139.9
77	91.3	69.4	109.4

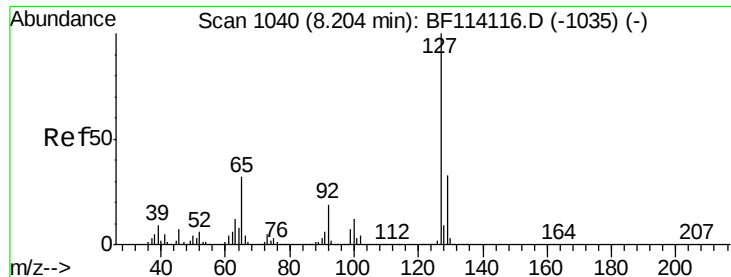
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





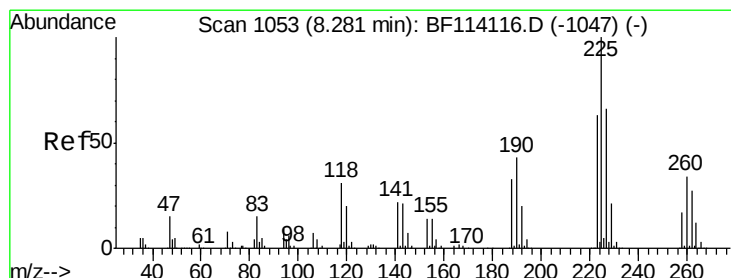
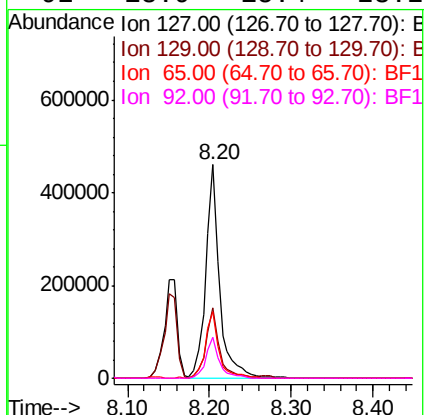
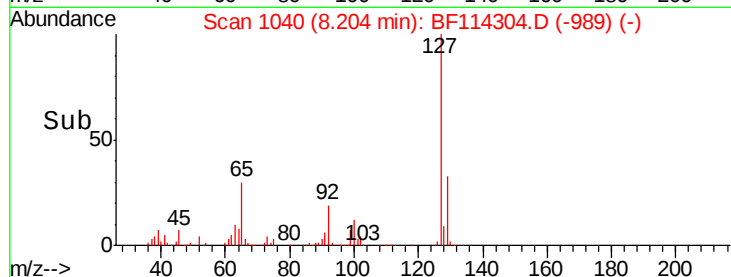
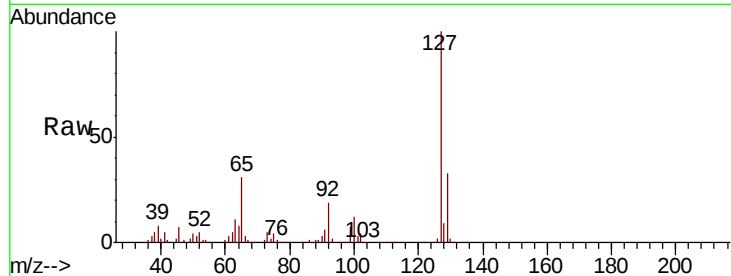
#33
4-Chloroaniline
Concen: 24.115 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.00 min
Lab File: BF114304.D
Acq: 16 May 2019 13:02

Instrument :
BNA_F
ClientSampleId :
PB119768BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.7	26.7	40.1	
65	30.9	25.4	38.0	
92	18.9	15.4	23.2	

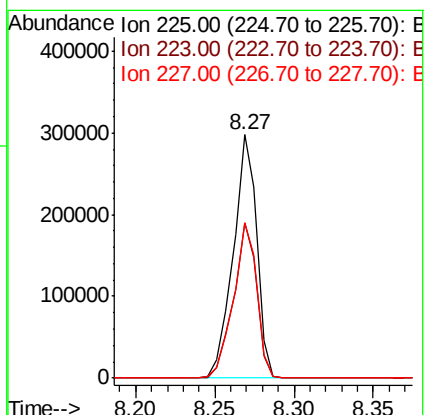
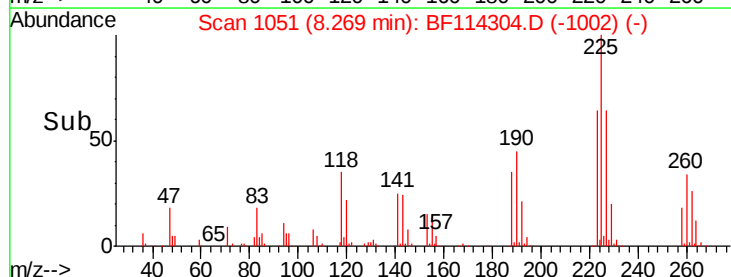
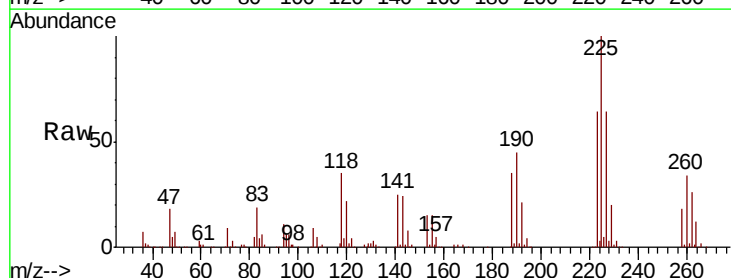
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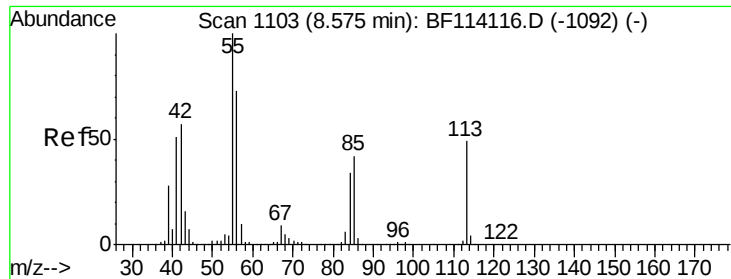
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#34
Hexachlorobutadiene
Concen: 32.817 ng
RT: 8.27 min Scan# 1051
Delta R.T. -0.01 min
Lab File: BF114304.D
Acq: 16 May 2019 13:02

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.6	50.2	75.2	
227	63.9	52.6	79.0	





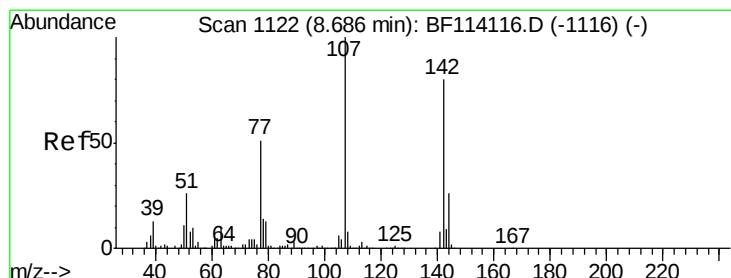
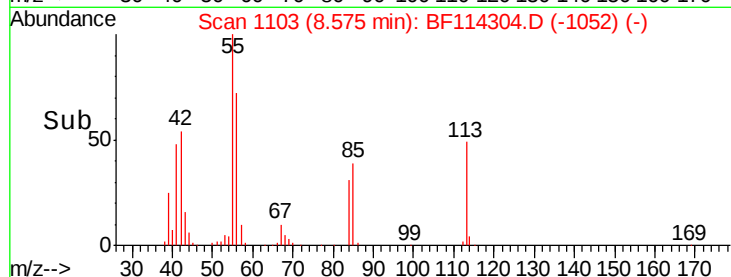
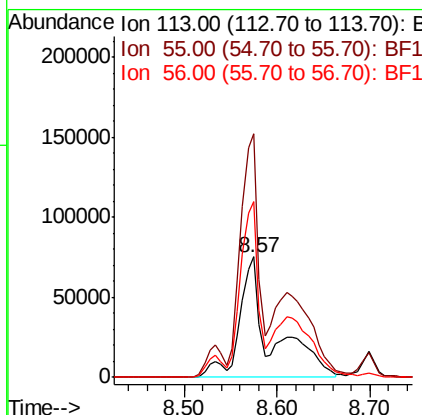
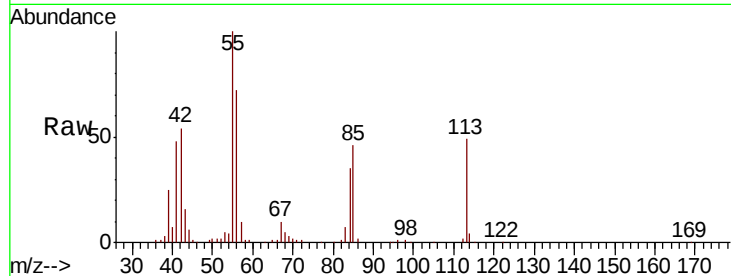
#35
Caprolactam
Concen: 38.628 ng/ml
RT: 8.57 min Scan# 1103
Delta R.T. -0.00 min
Lab File: BF114304.D
Acq: 16 May 2019 13:02

Instrument :
BNA_F
ClientSampled :
PB119768BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	202.3	183.5	223.5
56	146.3	128.8	168.8

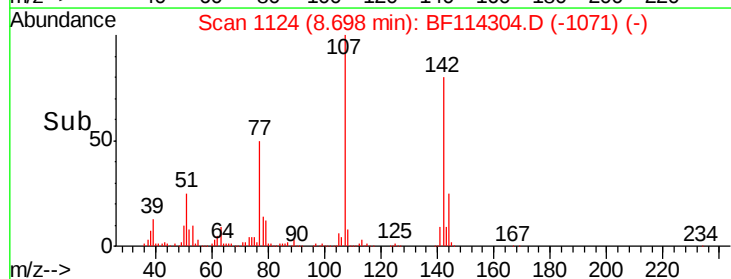
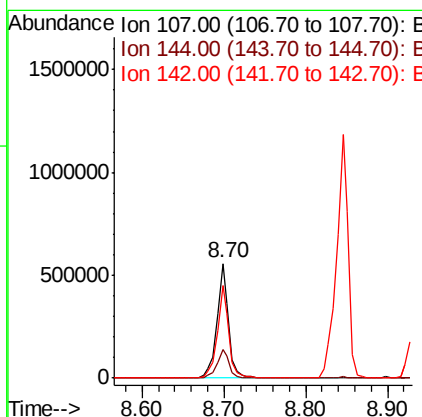
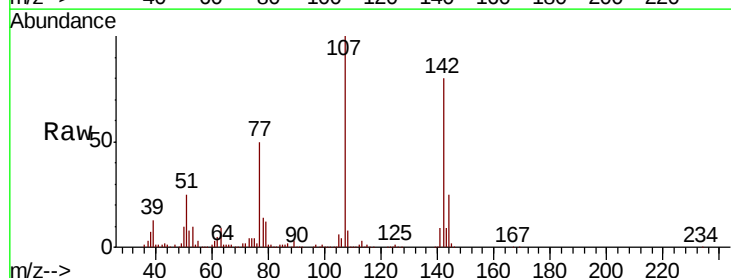
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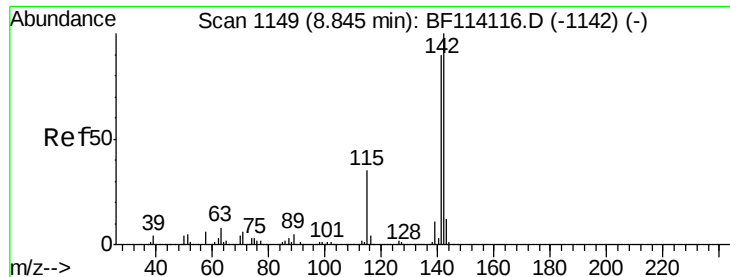
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#36
4-Chloro-3-methylphenol
Concen: 38.361 ng/ml
RT: 8.70 min Scan# 1124
Delta R.T. 0.01 min
Lab File: BF114304.D
Acq: 16 May 2019 13:02

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.5	20.4	30.6
142	80.3	64.2	96.4





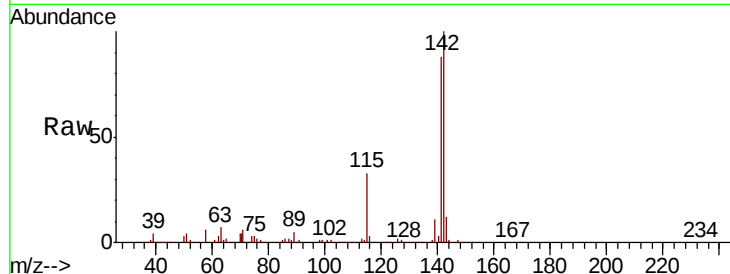
#37
2-Methylnaphthalene
Concen: 38.106 ng
RT: 8.85 min Scan# 1149
Delta R.T. -0.00 min
Lab File: BF114304.D
Acq: 16 May 2019 13:02

Instrument :
BNA_F
ClientSampleId :
PB119768BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.0	72.1	108.1
115	33.0	28.0	42.0

Manual Integrations
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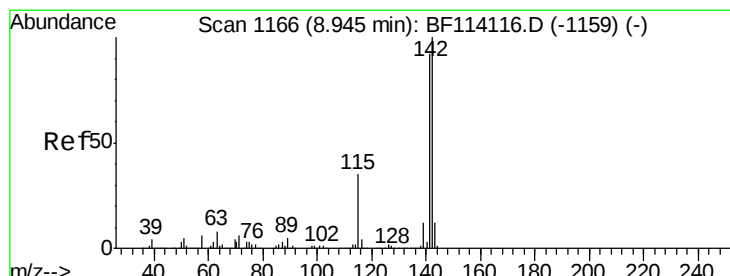
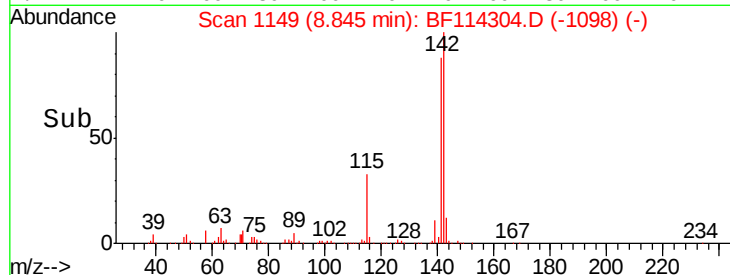
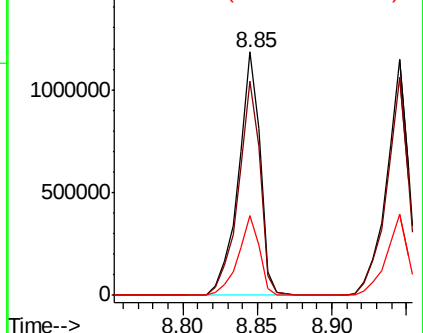


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 37.716 ng
RT: 8.95 min Scan# 1166
Delta R.T. -0.00 min
Lab File: BF114304.D
Acq: 16 May 2019 13:02

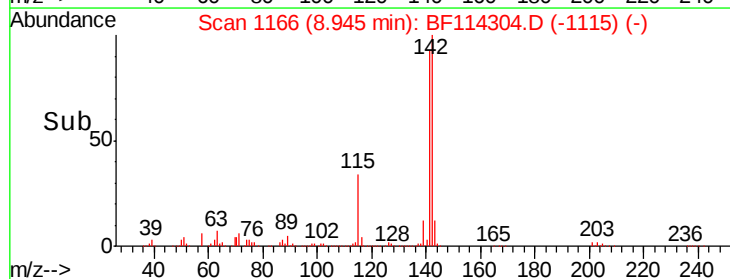
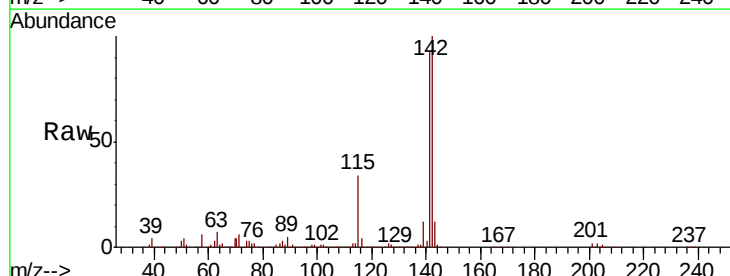
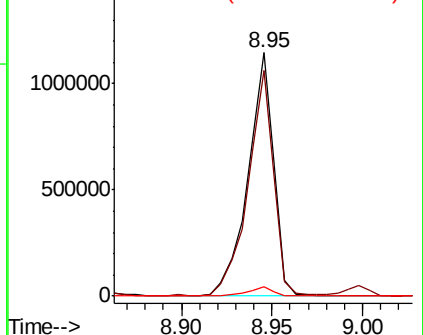
Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.6	73.4	110.0
116	3.7	3.1	4.7

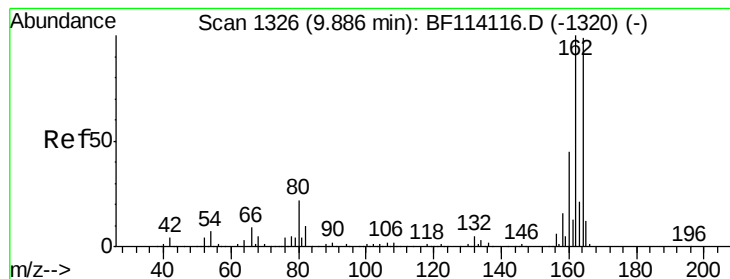
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.89 min Scan# 1326

Delta R.T. -0.00 min

Lab File: BF114304.D

Acq: 16 May 2019 13:02

Instrument :

BNA_F

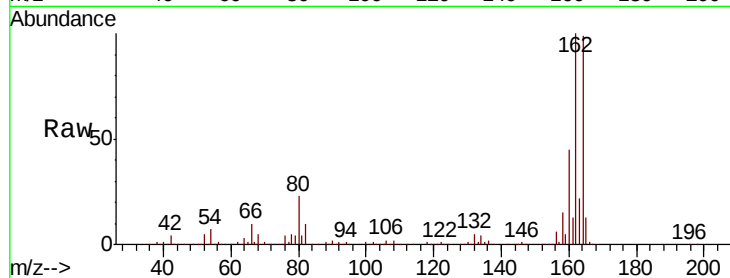
ClientSampleId :

PB119768BS

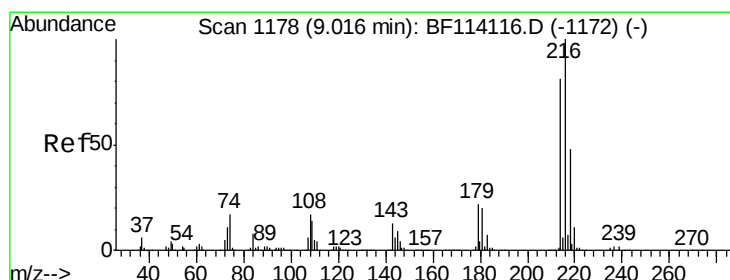
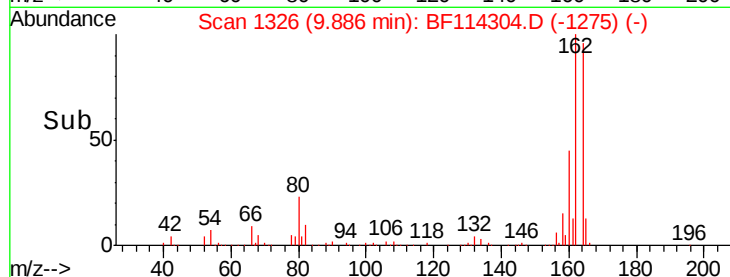
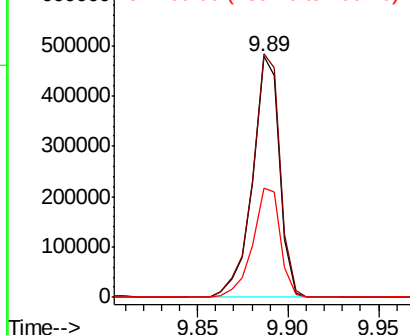
Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.2	80.6	120.8	
160	45.5	36.5	54.7	

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Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 35.285 ng

RT: 9.02 min Scan# 1178

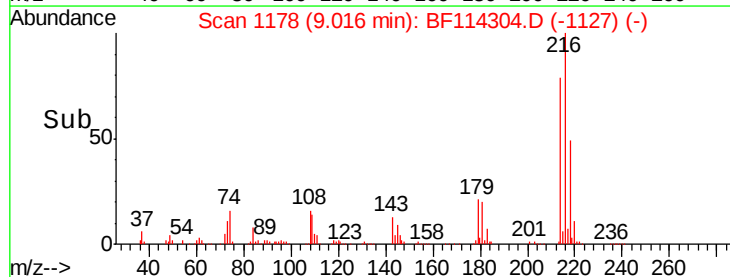
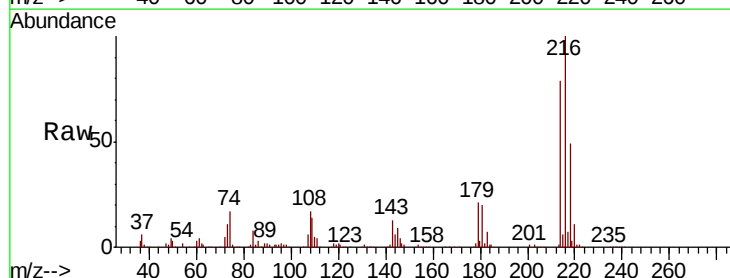
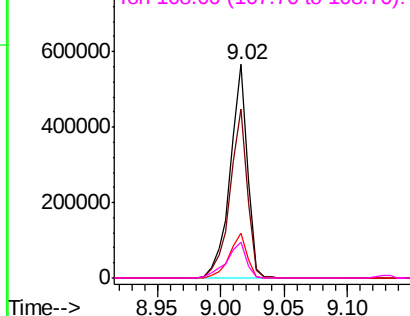
Delta R.T. -0.00 min

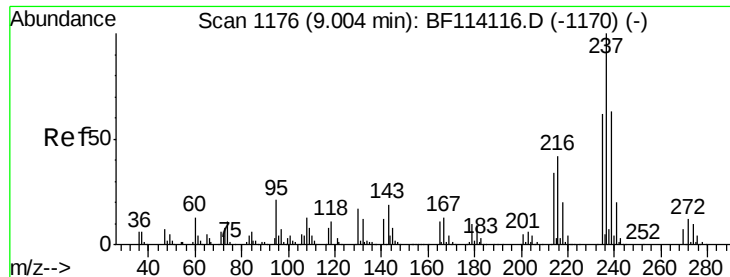
Lab File: BF114304.D

Acq: 16 May 2019 13:02

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.6	63.9	95.9	
179	21.4	17.0	25.6	
108	19.8	14.8	22.2	

Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 48.979 ng

RT: 9.00 min Scan# 1175

Delta R.T. -0.01 min

Lab File: BF114304.D

Acq: 16 May 2019 13:02

Instrument :

BNA_F

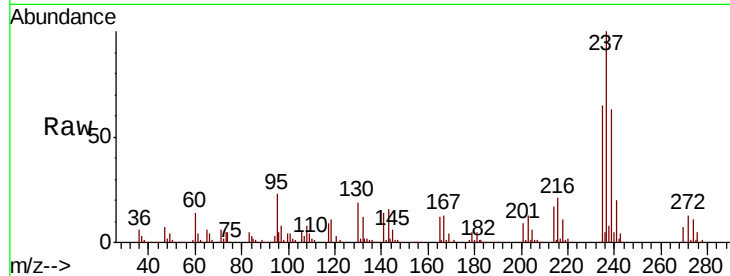
ClientSampleId :

PB119768BS

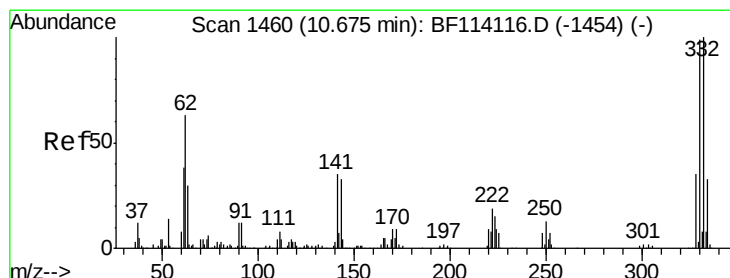
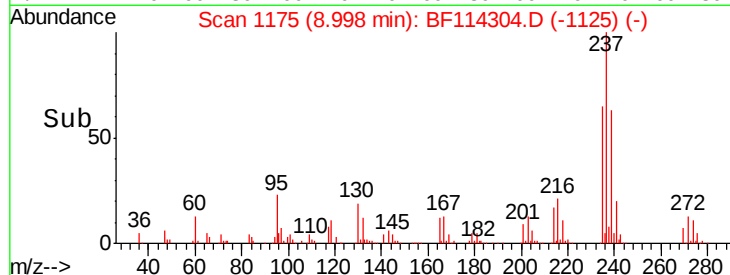
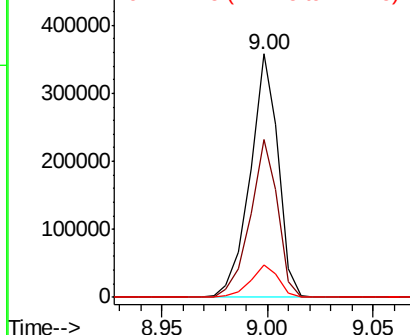
Tot Ion:	237	Resp:	329118
Ion Ratio	Lower	Upper	
237	100		
235	64.7	42.0	82.0
272	13.4	0.0	32.4

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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 103.275 ng

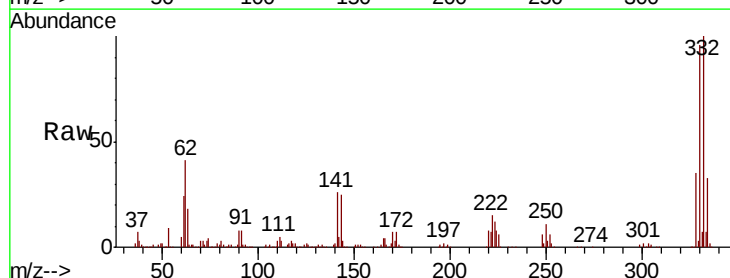
RT: 10.69 min Scan# 1462

Delta R.T. 0.01 min

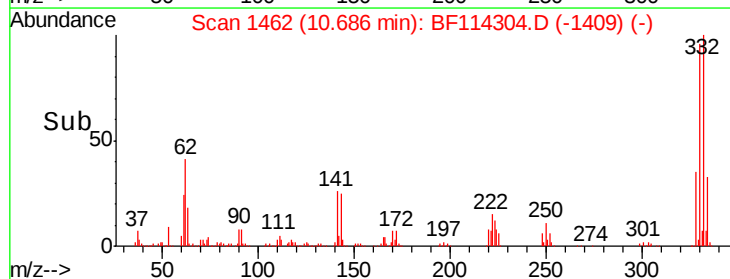
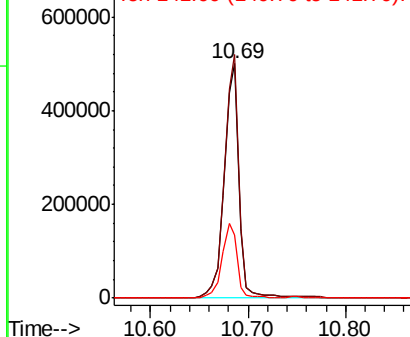
Lab File: BF114304.D

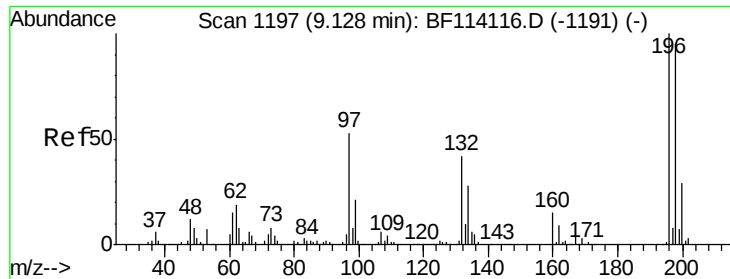
Acq: 16 May 2019 13:02

Tgt Ion:	330	Resp:	527455
Ion Ratio	Lower	Upper	
330	100		
332	103.0	81.4	122.2
141	32.8	26.6	40.0



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





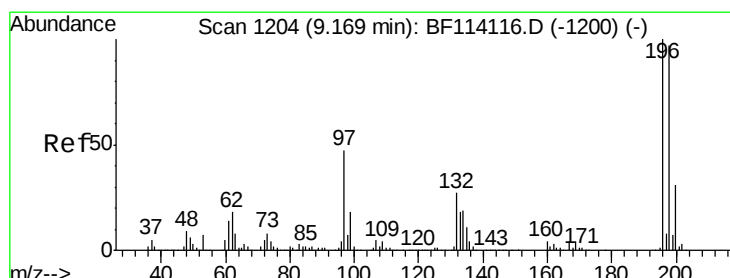
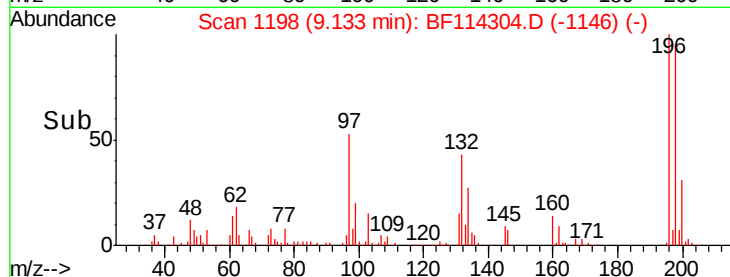
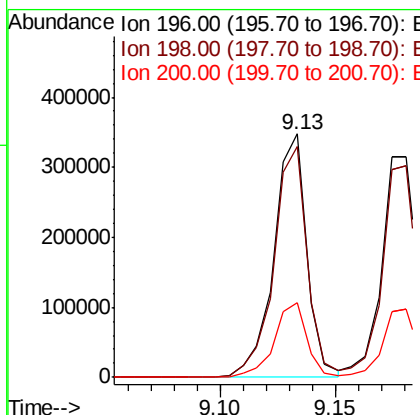
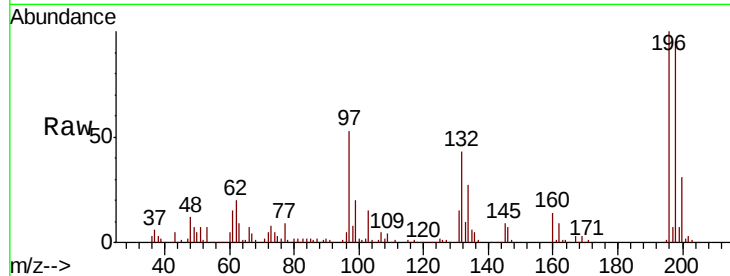
#43
 2,4,6-Trichlorophenol
 Concen: 33.536 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.01 min
 Lab File: BF114304.D
 Acq: 16 May 2019 13:02

Instrument :
 BNA_F
 ClientSampled :
 PB119768BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	345193		
198	94.8	75.9	113.9	
200	30.8	23.5	35.3	

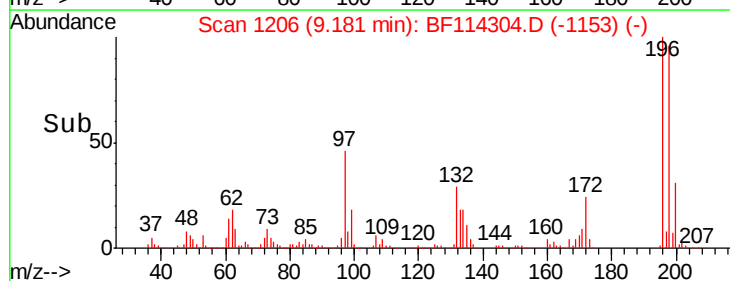
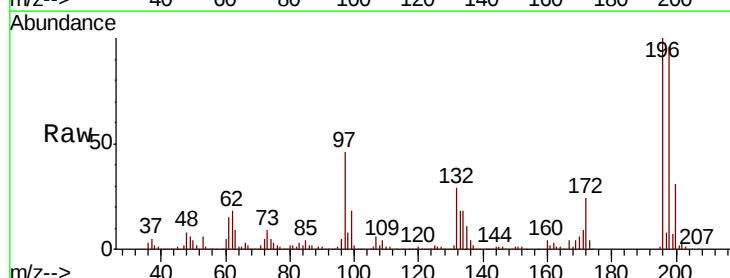
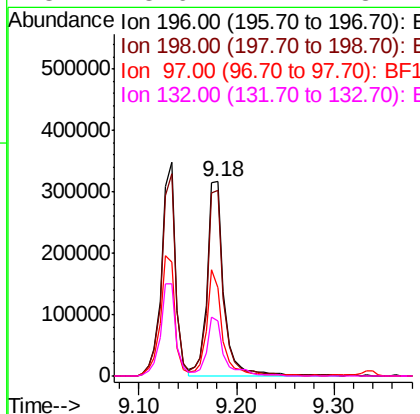
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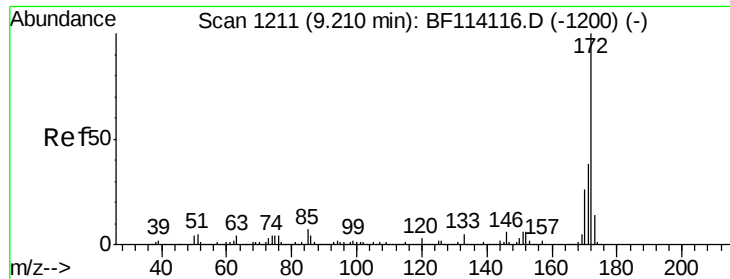
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#44
 2,4,5-Trichlorophenol
 Concen: 35.304 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. 0.01 min
 Lab File: BF114304.D
 Acq: 16 May 2019 13:02

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	372672		
198	95.7	77.7	116.5	
97	45.8	38.2	57.2	
132	28.6	21.4	32.2	





#45

2-Fluorobiphenyl

Concen: 63.613 ng

RT: 9.21 min Scan# 1211

Delta R.T. -0.00 min

Lab File: BF114304.D

Acq: 16 May 2019 13:02

Instrument :

BNA_F

ClientSampleId :

PB119768BS

Tot Ion:172 Resp: 2077531

Ion Ratio Lower Upper

172 100

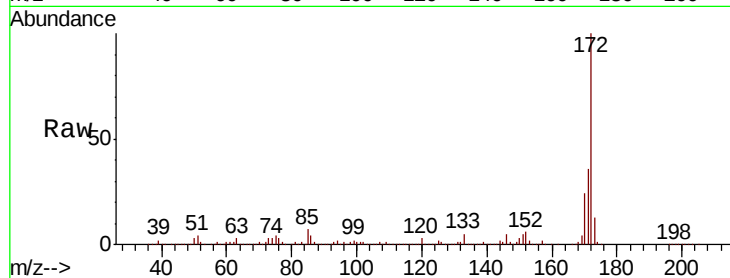
171 36.0 30.7 46.1

170 24.0 20.5 30.7

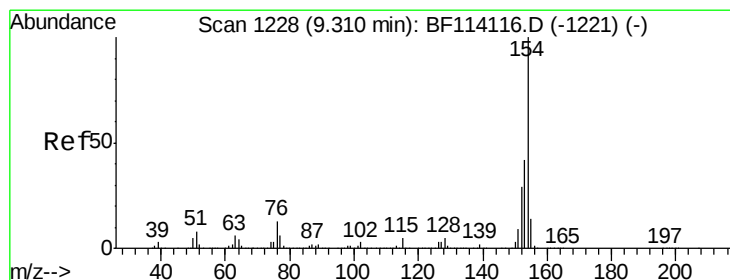
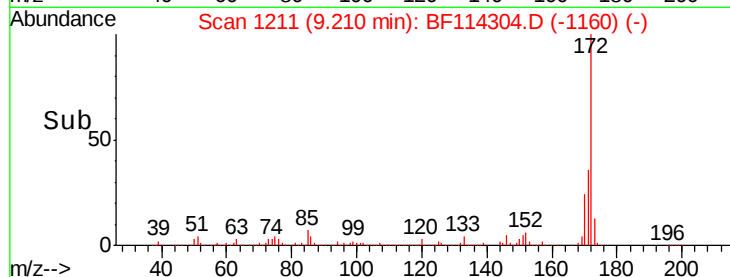
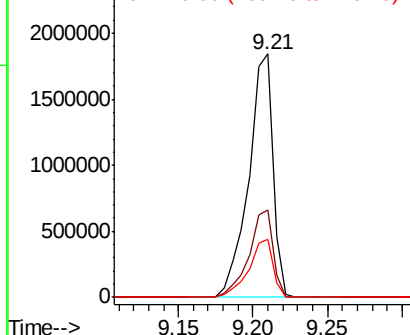
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Abundance Ion 172.00 (171.70 to 172.70): E
2500000 Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 36.135 ng

RT: 9.31 min Scan# 1228

Delta R.T. -0.00 min

Lab File: BF114304.D

Acq: 16 May 2019 13:02

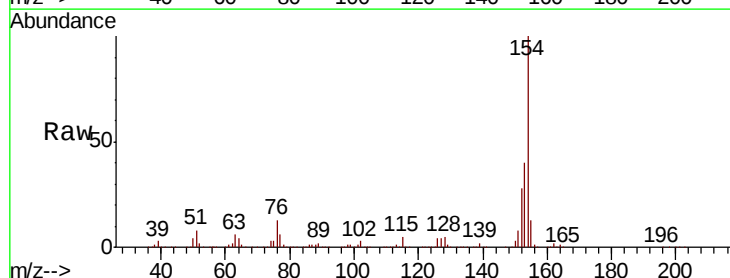
Tgt Ion:154 Resp: 1442134

Ion Ratio Lower Upper

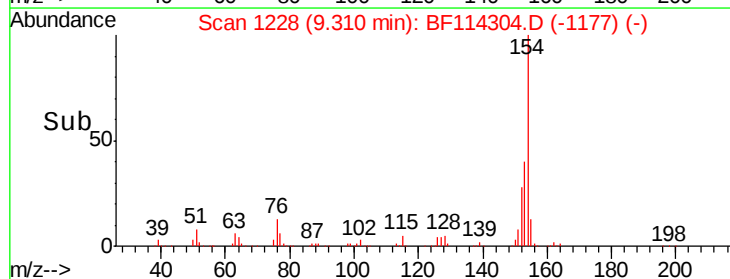
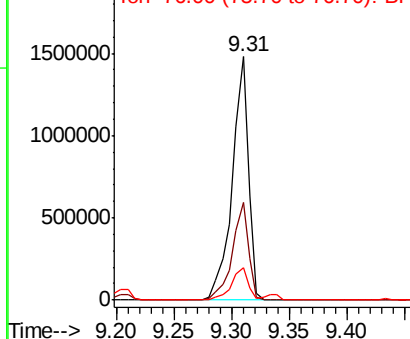
154 100

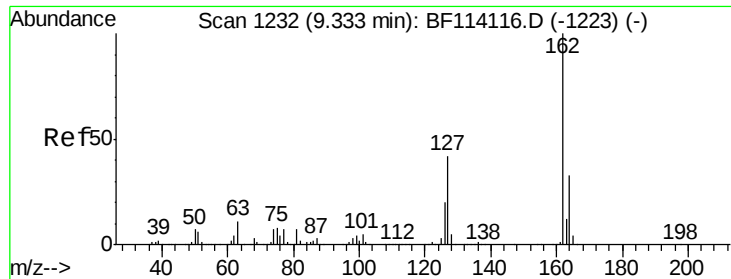
153 39.9 21.9 61.9

76 13.2 0.0 32.8



Abundance Ion 154.00 (153.70 to 154.70): E
2000000 Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1





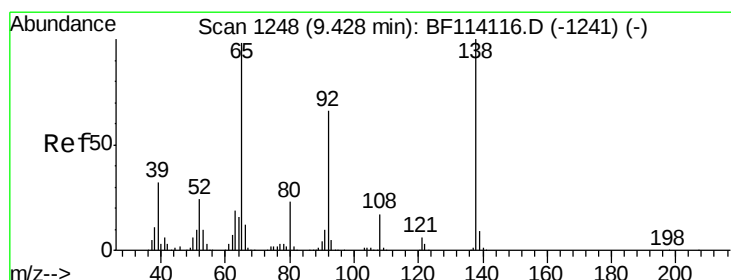
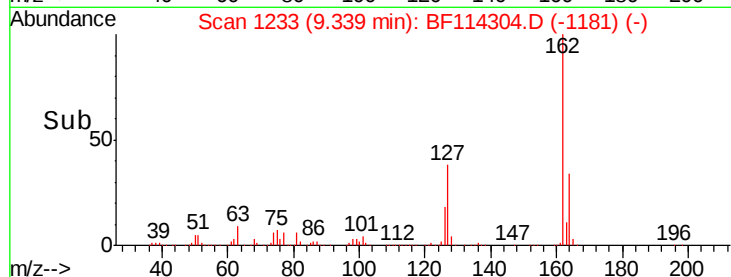
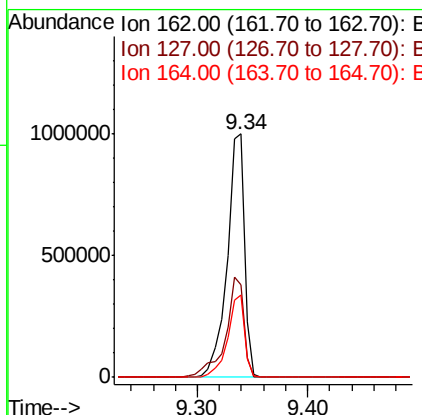
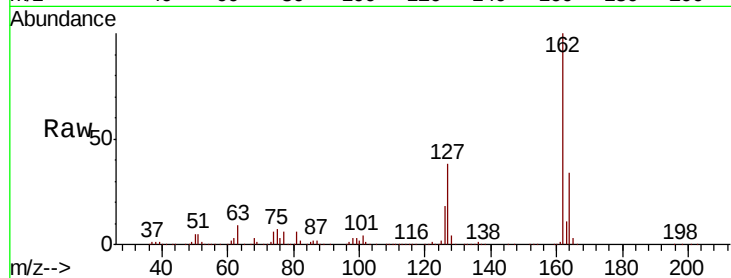
#47
 2-Chloronaphthalene
 Concen: 34.345 ng
 RT: 9.34 min Scan# 1233
 Delta R.T. 0.01 min
 Lab File: BF114304.D
 Acq: 16 May 2019 13:02

Instrument :
 BNA_F
 ClientSampleId :
 PB119768BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.1	34.0	51.0
164	34.1	26.7	40.1

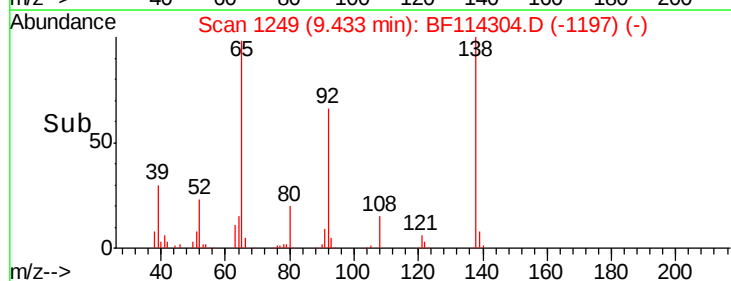
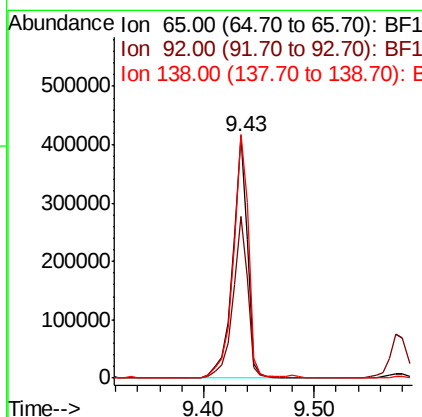
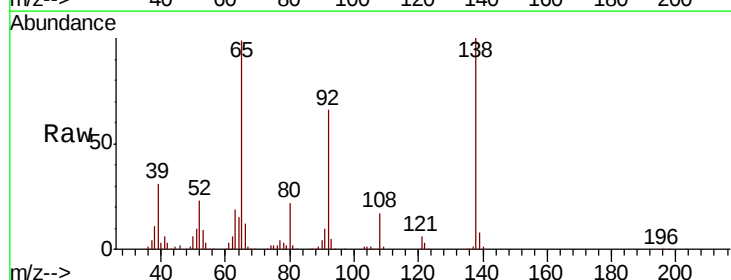
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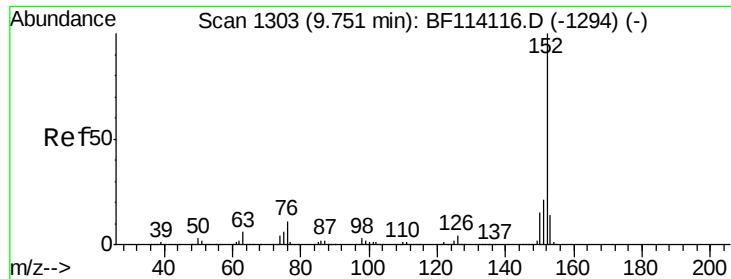
mohammad
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#48
 2-Nitroaniline
 Concen: 33.989 ng
 RT: 9.43 min Scan# 1249
 Delta R.T. 0.01 min
 Lab File: BF114304.D
 Acq: 16 May 2019 13:02

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.7	53.9	80.9
138	100.6	81.4	122.0





#49

Acenaphthylene

Concen: 35.944 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.00 min

Lab File: BF114304.D

Acq: 16 May 2019 13:02

Instrument :

BNA_F

ClientSampleId :

PB119768BS

Tot Ion:152 Resp: 1755896

Ion Ratio Lower Upper

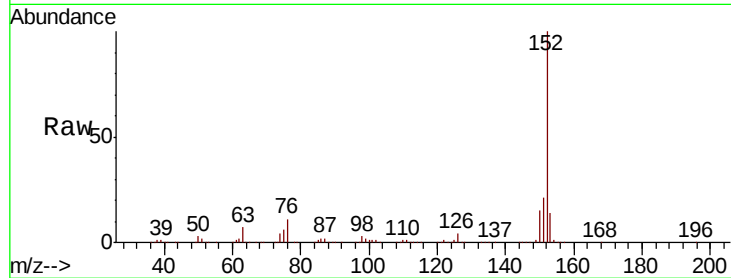
152 100

151 20.9 16.8 25.2

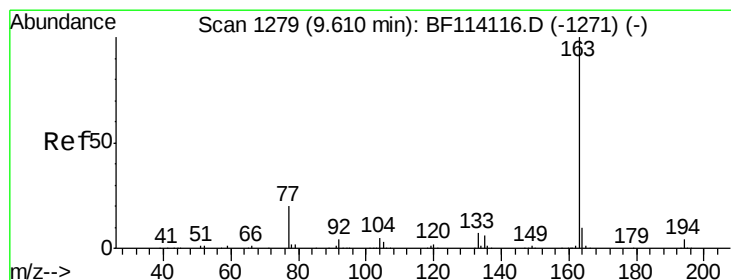
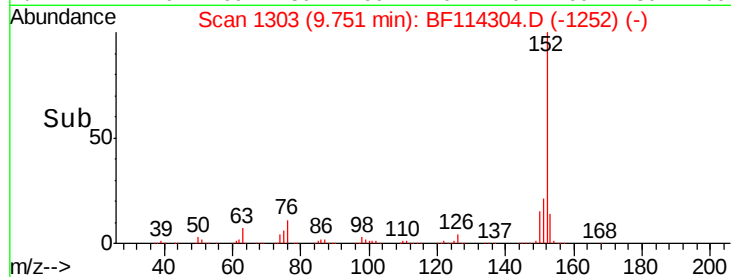
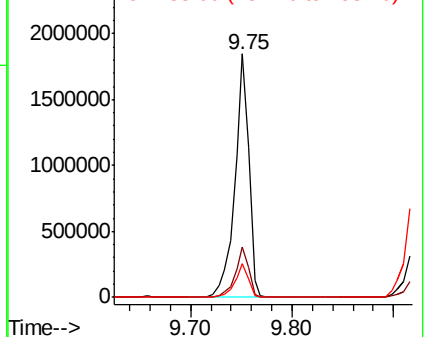
153 13.9 11.4 17.2

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 34.733 ng

RT: 9.61 min Scan# 1279

Delta R.T. -0.00 min

Lab File: BF114304.D

Acq: 16 May 2019 13:02

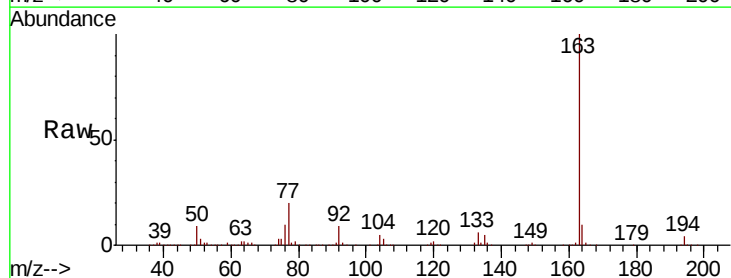
Tgt Ion:163 Resp: 1259610

Ion Ratio Lower Upper

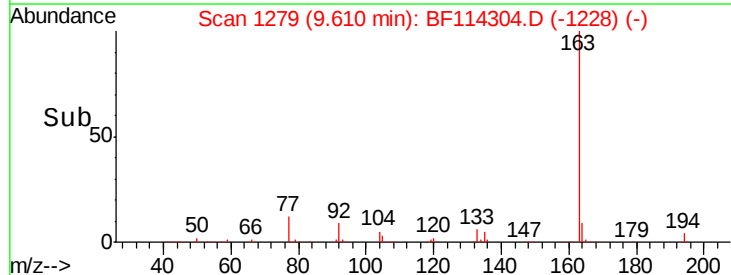
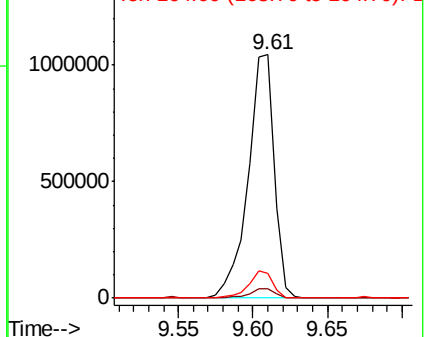
163 100

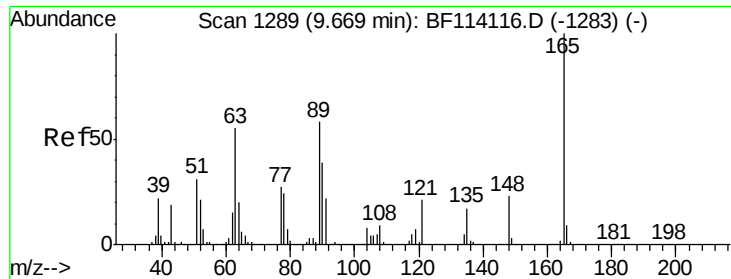
194 4.0 3.4 5.0

164 10.2 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 35.608 ng

RT: 9.67 min Scan# 1290

Delta R.T. 0.01 min

Lab File: BF114304.D

Acq: 16 May 2019 13:02

Instrument :

BNA_F

ClientSampleId :

PB119768BS

Tot Ion:165 Resp: 286422

Ion Ratio Lower Upper

165 100

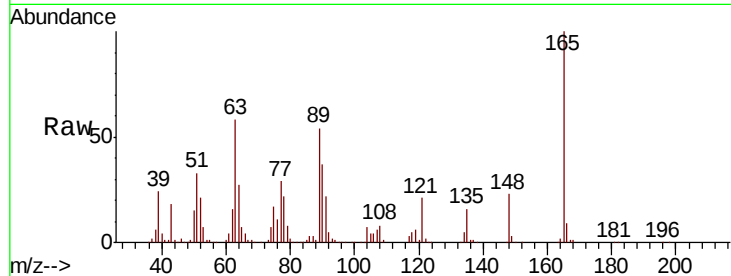
63 57.8 50.2 75.4

89 54.0 46.6 69.8

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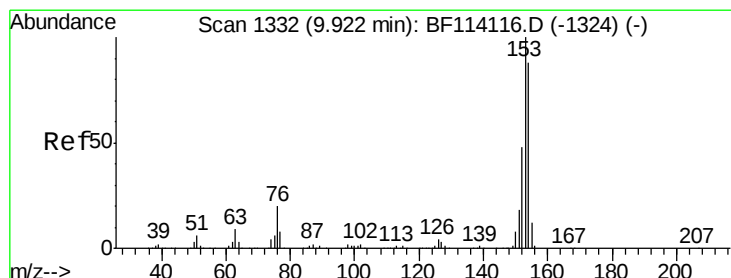
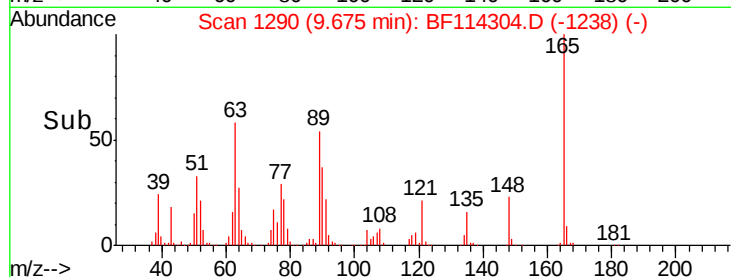
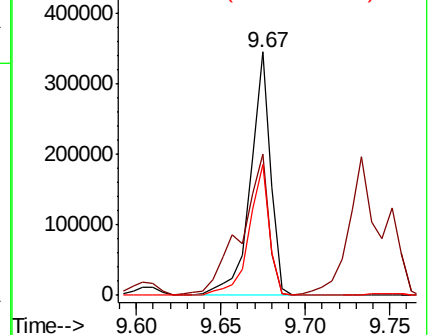
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Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 34.058 ng

RT: 9.92 min Scan# 1332

Delta R.T. -0.00 min

Lab File: BF114304.D

Acq: 16 May 2019 13:02

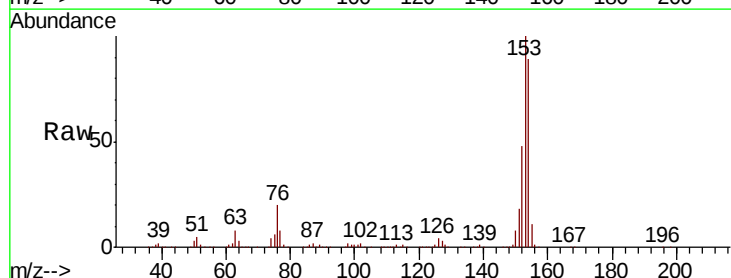
Tgt Ion:154 Resp: 1020951

Ion Ratio Lower Upper

154 100

153 112.3 90.5 135.7

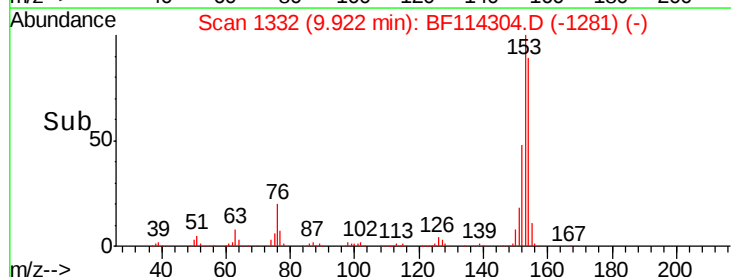
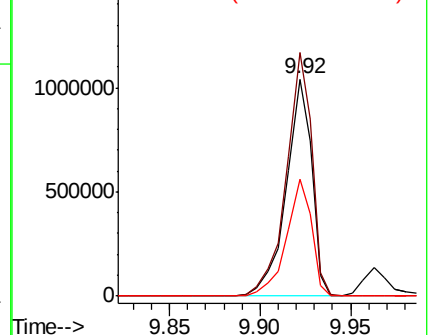
152 53.8 43.4 65.2

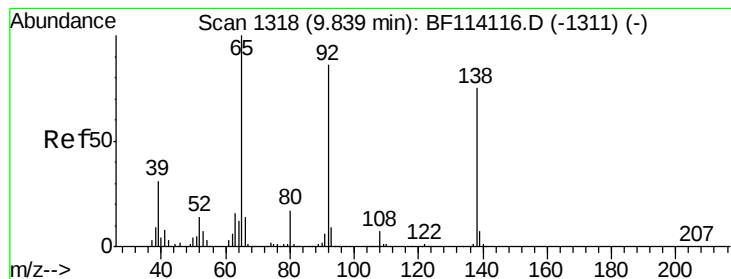


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 23.704 ng

RT: 9.85 min Scan# 1319

Delta R.T. 0.01 min

Lab File: BF114304.D

Acq: 16 May 2019 13:02

Instrument :

BNA_F

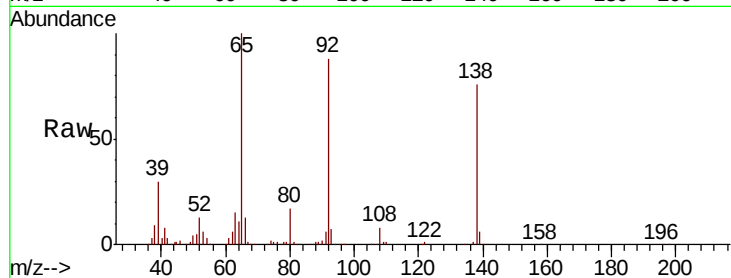
ClientSampleId :

PB119768BS

Tot Ion:	138	Resp:	236684
Ion Ratio	Lower	Upper	
138	100		
108	10.3	7.8	11.6
92	116.0	91.2	136.8

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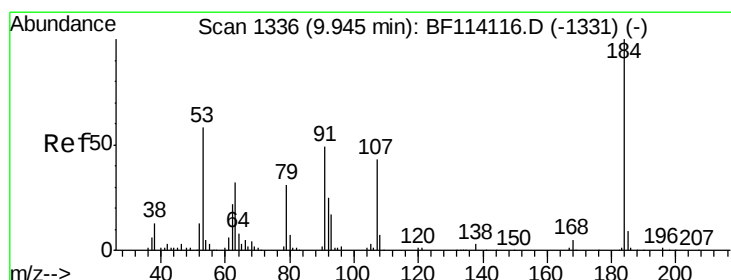
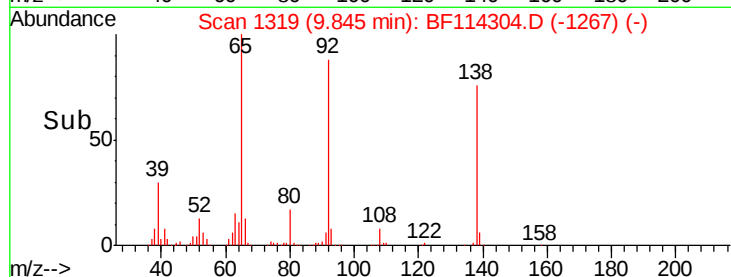
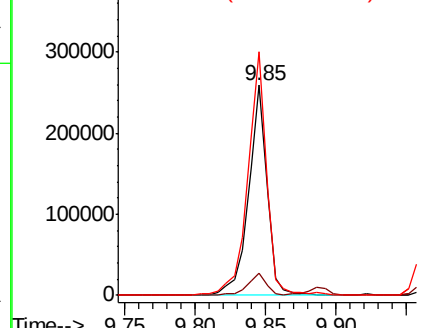
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54

2,4-Dinitrophenol

Concen: 64.473 ng

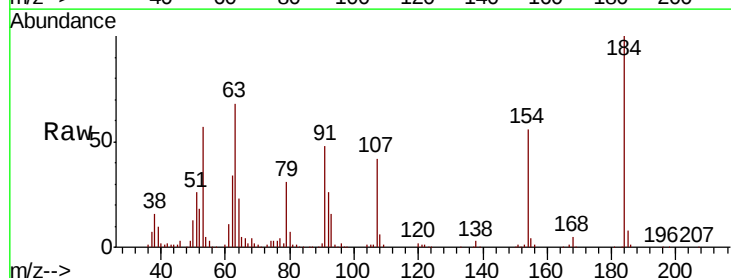
RT: 9.96 min Scan# 1339

Delta R.T. 0.02 min

Lab File: BF114304.D

Acq: 16 May 2019 13:02

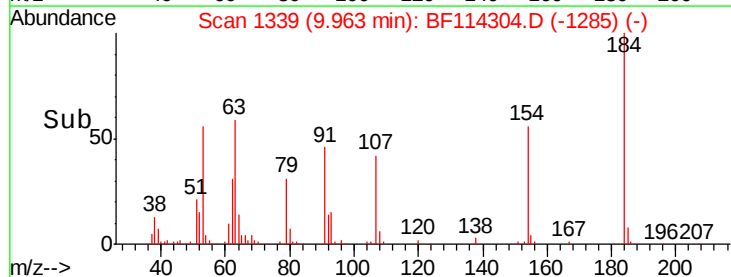
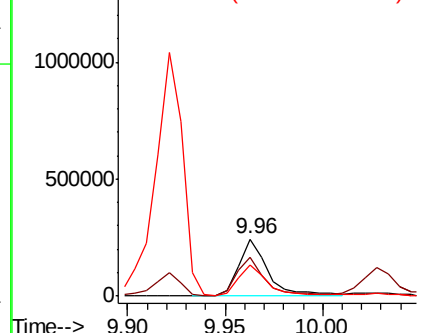
Tgt Ion:	184	Resp:	254989
Ion Ratio	Lower	Upper	
184	100		
63	68.1	55.6	83.4
154	55.6	46.0	69.0

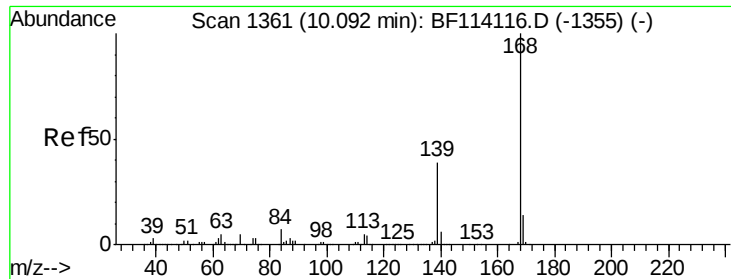


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





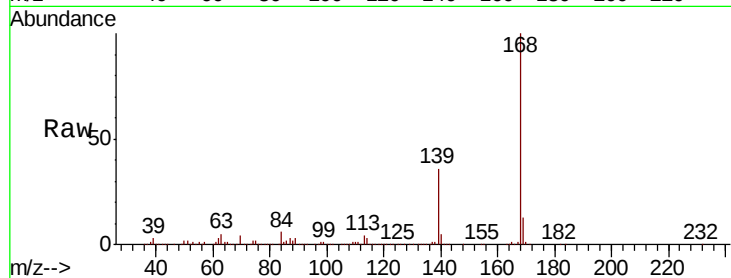
#55
Dibenzofuran
Concen: 34.242 ng
RT: 10.10 min Scan# 1362
Delta R.T. 0.01 min
Lab File: BF114304.D
Acq: 16 May 2019 13:02

Instrument :
BNA_F
ClientSampleId :
PB119768BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.1	31.1	46.7
169	13.5	11.4	17.0

Manual Integrations
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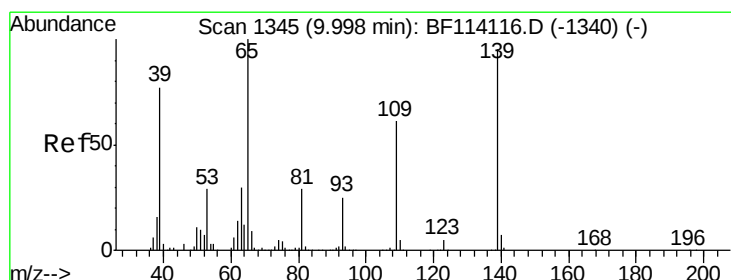
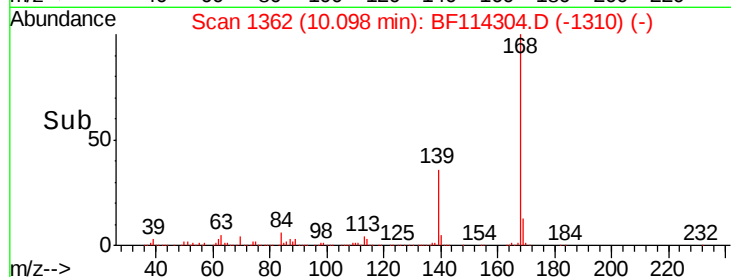
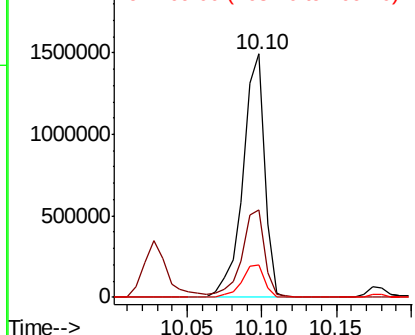


Abundance

Ion 168.00 (167.70 to 168.70): E

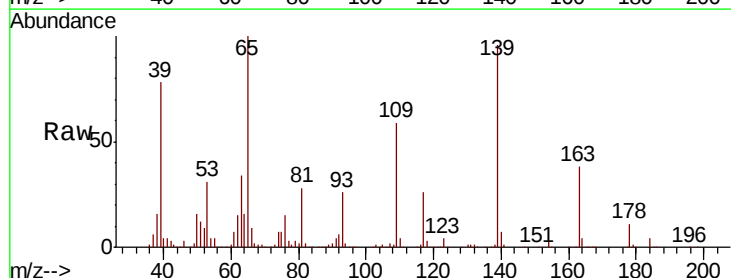
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 54.021 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.03 min
Lab File: BF114304.D
Acq: 16 May 2019 13:02

Tgt Ion	Ratio	Lower	Upper
139	100		
109	61.9	43.9	83.9
65	104.5	85.7	125.7

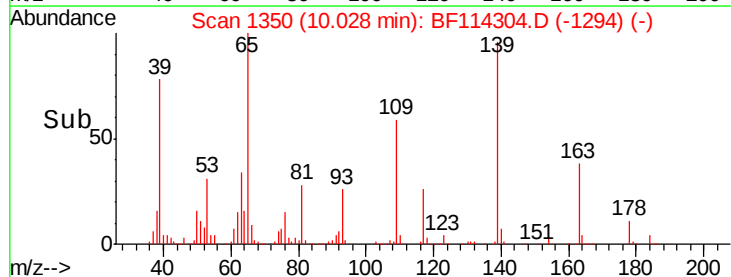
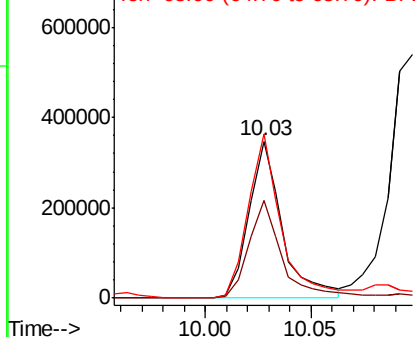


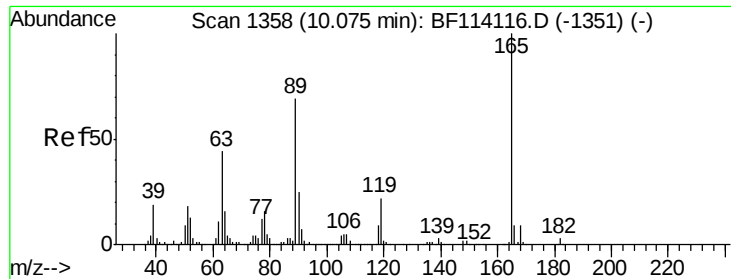
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#57

2,4-Dinitrotoluene

Concen: 33.913 ng

RT: 10.09 min Scan# 1360

Delta R.T. 0.01 min

Lab File: BF114304.D

Acq: 16 May 2019 13:02

Instrument :

BNA_F

ClientSampleId :

PB119768BS

Tot Ion:165 Resp: 370244

Ion Ratio Lower Upper

165 100

63 53.0 35.5 53.3

89 72.9 55.2 82.8

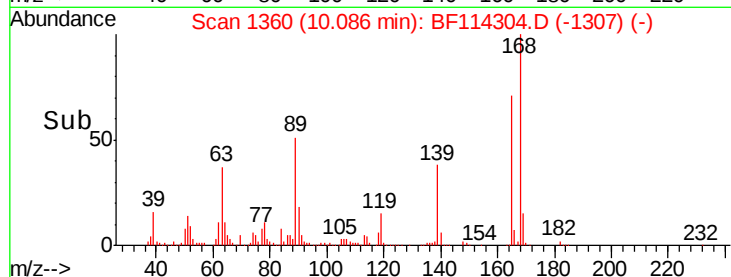
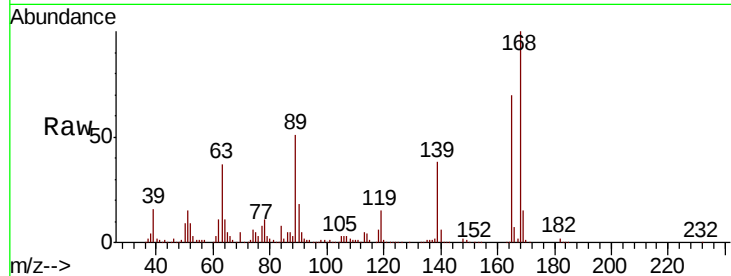
182 2.6 2.2 3.2

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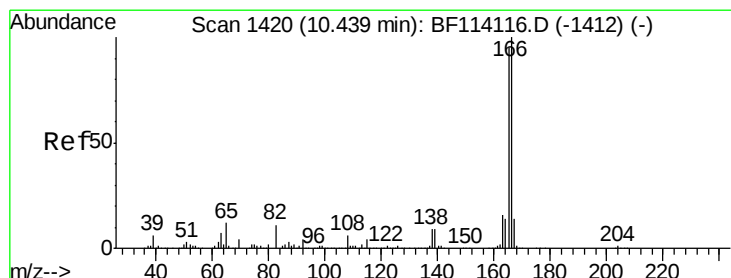
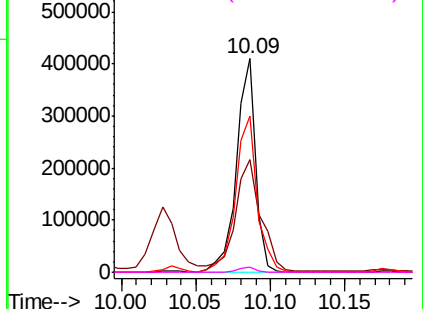


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 35.142 ng

RT: 10.44 min Scan# 1420

Delta R.T. -0.00 min

Lab File: BF114304.D

Acq: 16 May 2019 13:02

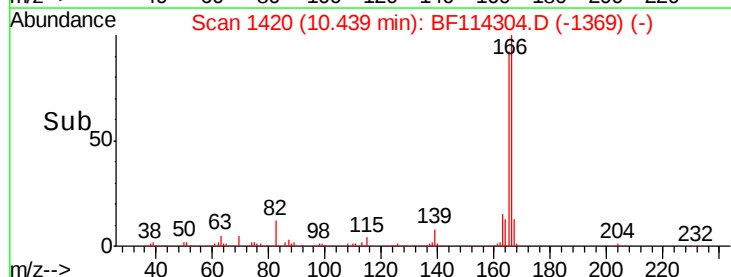
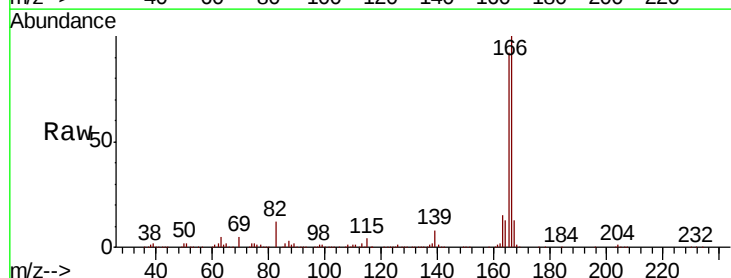
Tgt Ion:166 Resp: 1193174

Ion Ratio Lower Upper

166 100

165 91.8 76.1 114.1

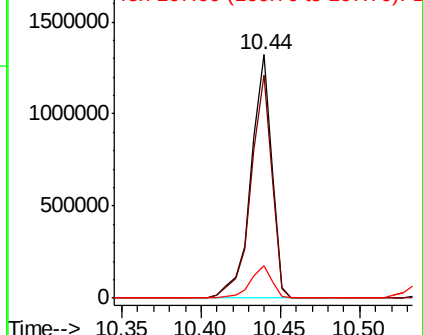
167 13.4 11.1 16.7

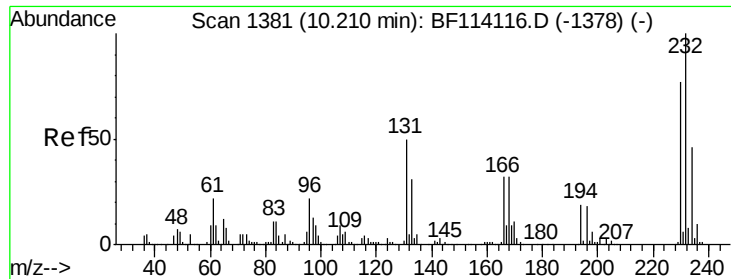


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





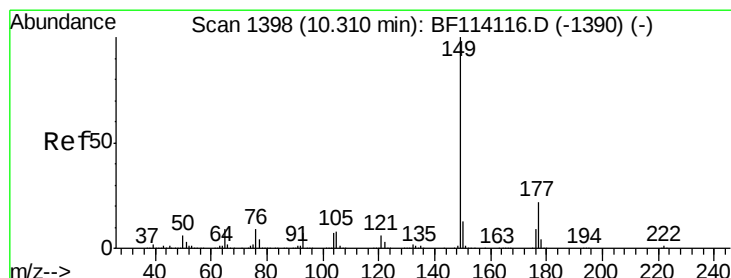
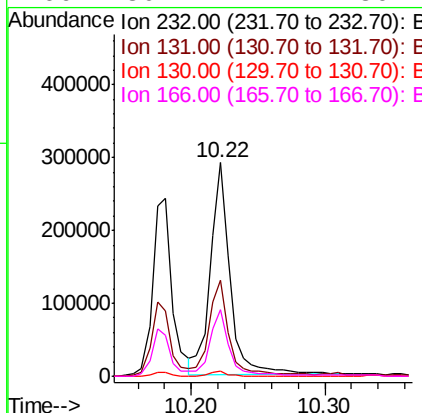
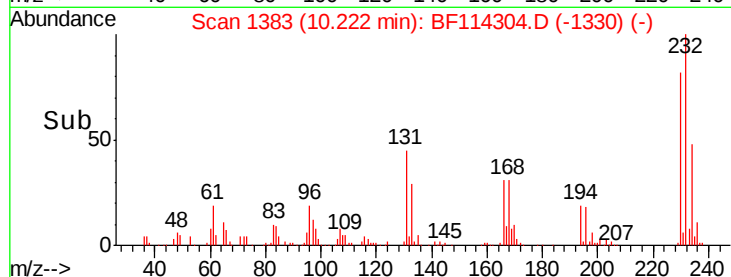
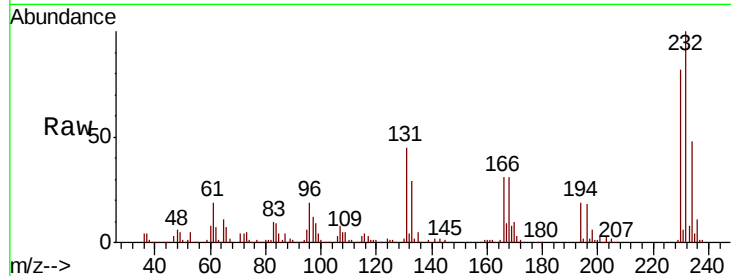
#59
2,3,4,6-Tetrachlorophenol
Concen: 32.948 ng
RT: 10.22 min Scan# 1383
Delta R.T. 0.01 min
Lab File: BF114304.D
Acq: 16 May 2019 13:02

Instrument :
BNA_F
ClientSampleId :
PB119768BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	300105		
131	44.8		35.6	53.4
130	2.1		1.6	2.4
166	30.1		24.1	36.1

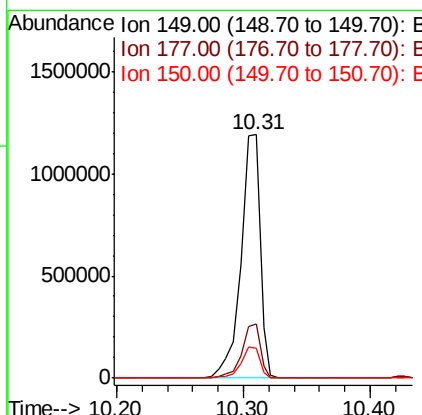
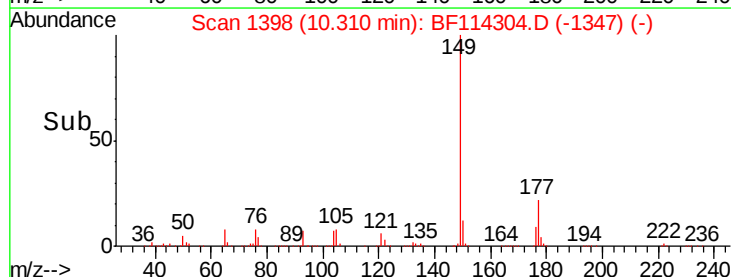
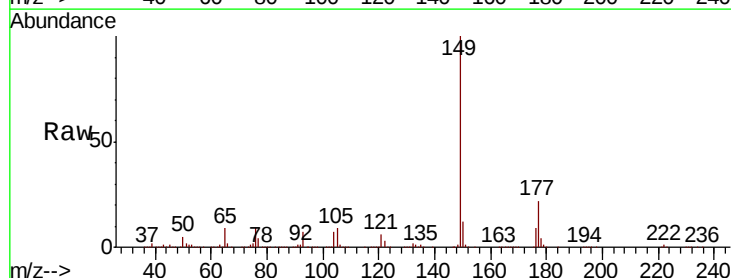
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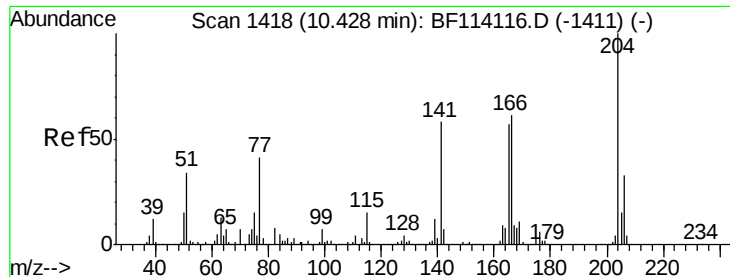
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#60
Diethylphthalate
Concen: 33.837 ng
RT: 10.31 min Scan# 1398
Delta R.T. -0.00 min
Lab File: BF114304.D
Acq: 16 May 2019 13:02

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1246842		
177	22.5		17.8	26.6
150	12.2		10.2	15.2





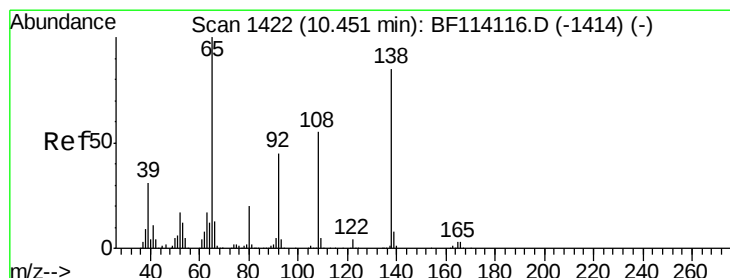
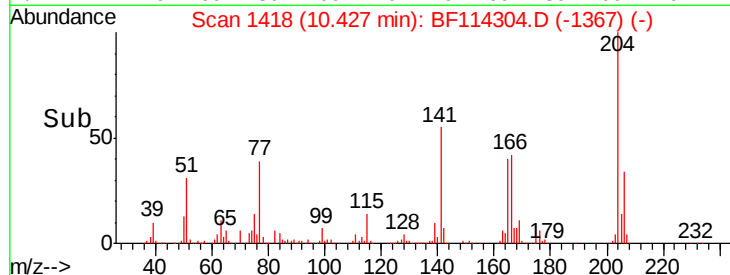
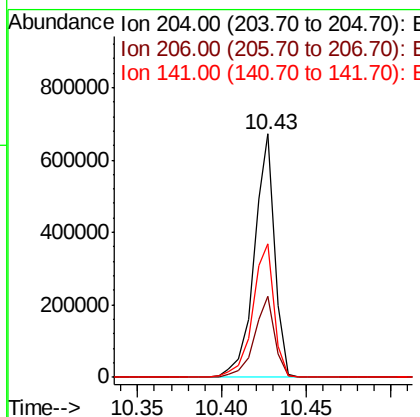
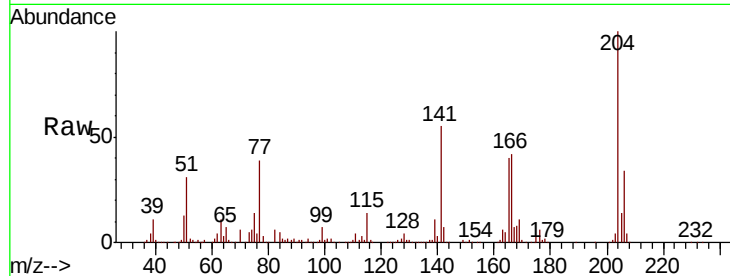
#61
4-Chlorophenyl-phenylether
Concen: 34.223 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.00 min
Lab File: BF114304.D
Acq: 16 May 2019 13:02

Instrument :
BNA_F
ClientSampled :
PB119768BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.5	26.6	39.8
141	55.0	46.4	69.6

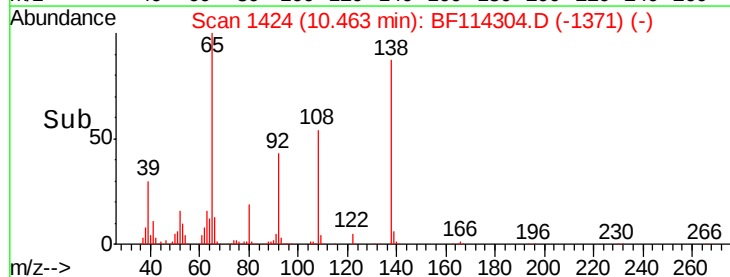
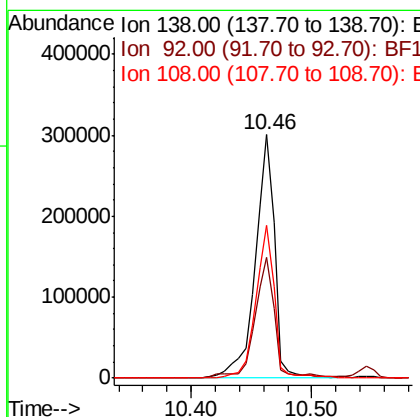
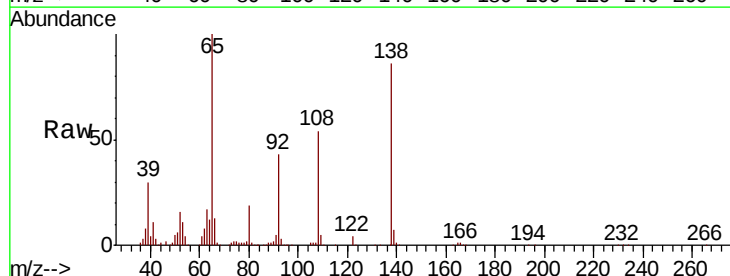
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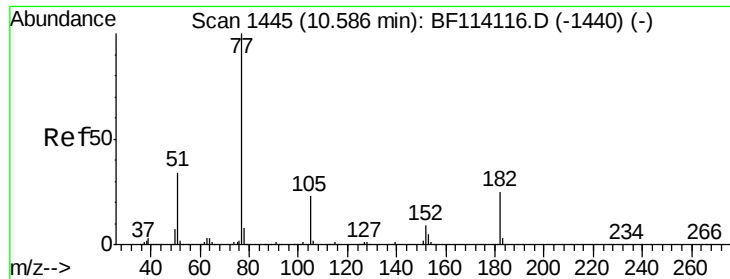
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#62
4-Nitroaniline
Concen: 32.029 ng
RT: 10.46 min Scan# 1424
Delta R.T. 0.01 min
Lab File: BF114304.D
Acq: 16 May 2019 13:02

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.6	33.0	73.0
108	62.6	44.9	84.9





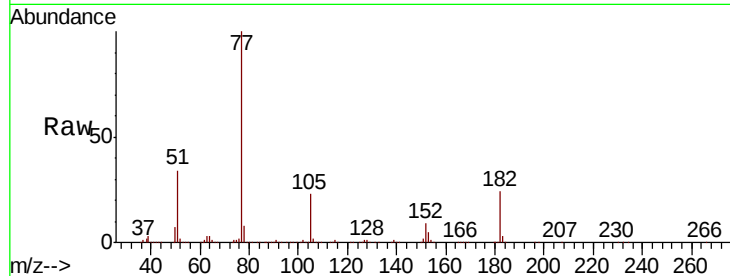
#63
Azobenzene
Concen: 35.041 ng
RT: 10.59 min Scan# 1445
Delta R.T. -0.00 min
Lab File: BF114304.D
Acq: 16 May 2019 13:02

Instrument :
BNA_F
ClientSampleId :
PB119768BS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	24.3	4.7	44.7	
105	23.1	2.9	42.9	
51	34.1	14.6	54.6	

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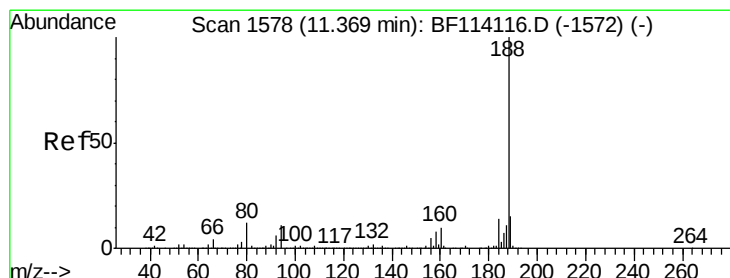
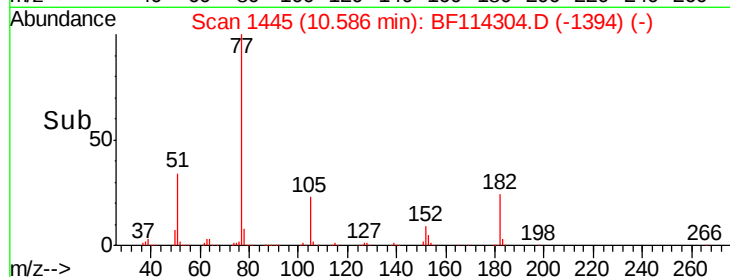
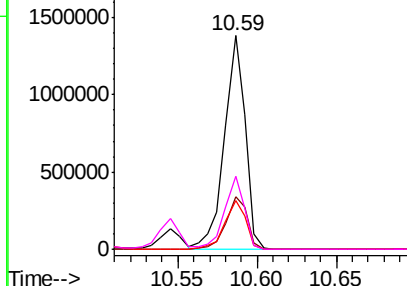
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. 0.01 min
Lab File: BF114304.D
Acq: 16 May 2019 13:02

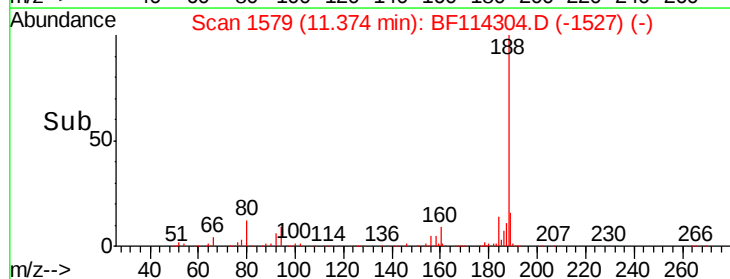
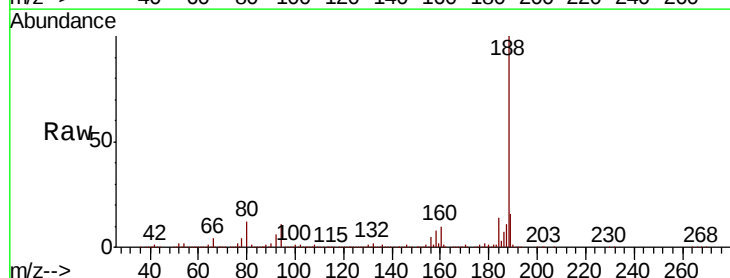
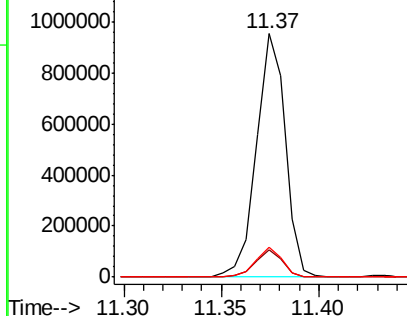
Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	11.4	8.4	12.6	
80	12.0	9.2	13.8	

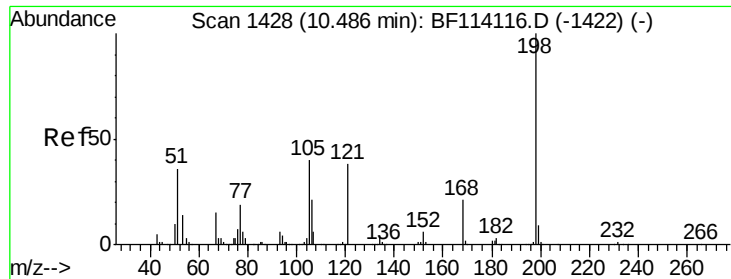
Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





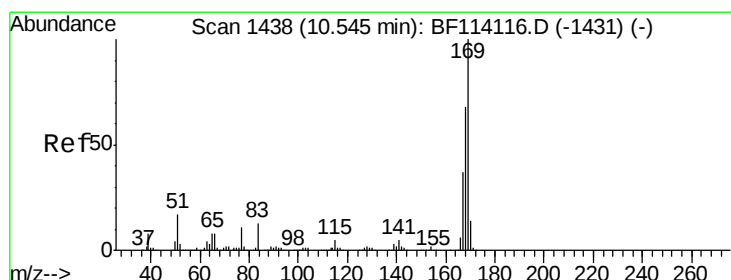
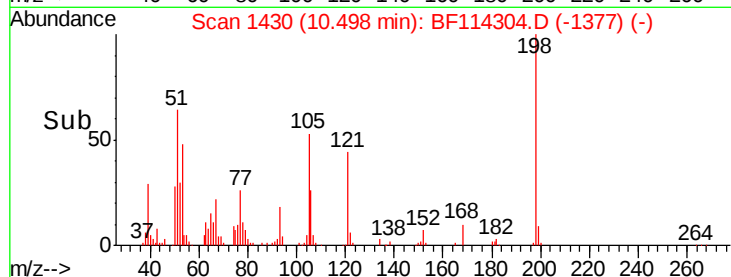
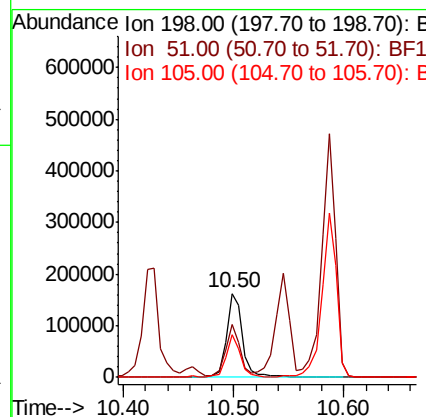
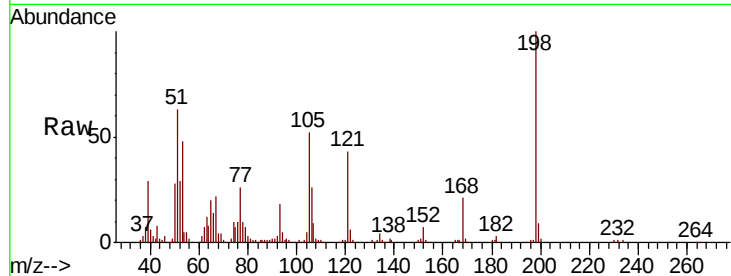
#65
4,6-Dinitro-2-methylphenol
Concen: 35.291 ng
RT: 10.50 min Scan# 1430
Delta R.T. 0.01 min
Lab File: BF114304.D
Acq: 16 May 2019 13:02

Instrument :
BNA_F
ClientSampleId :
PB119768BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	166004		
51	62.6	28.0	68.0	
105	51.5	21.1	61.1	

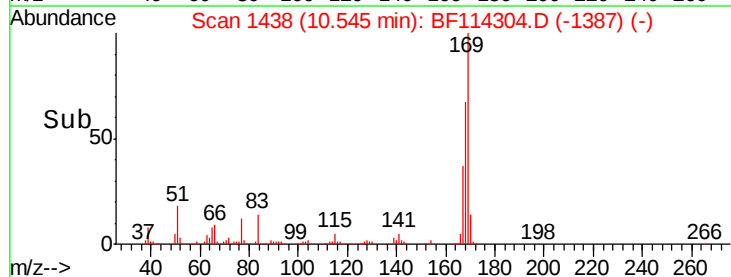
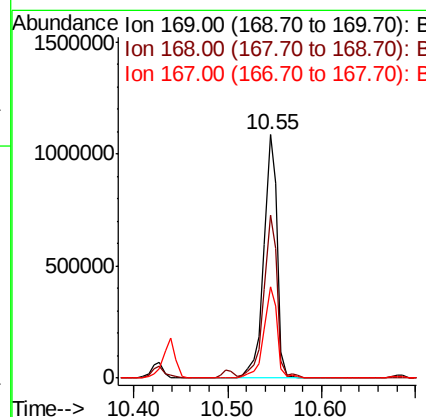
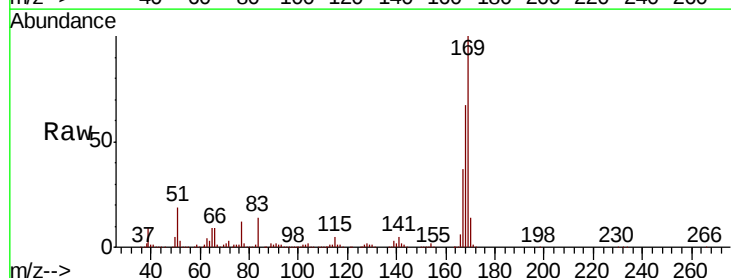
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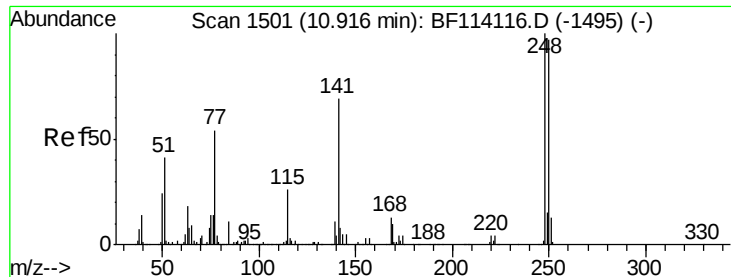
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#66
n-Nitrosodiphenylamine
Concen: 35.921 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.00 min
Lab File: BF114304.D
Acq: 16 May 2019 13:02

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1067243		
168	67.1	54.2	81.2	
167	37.3	29.8	44.8	





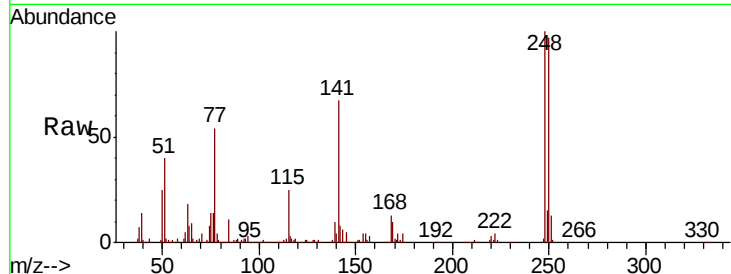
#67
4-Bromophenyl-phenylether
Concen: 33.549 ng
RT: 10.92 min Scan# 1501
Delta R.T. -0.00 min
Lab File: BF114304.D
Acq: 16 May 2019 13:02

Instrument :
BNA_F
ClientSampled :
PB119768BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.4	77.4	116.2
141	67.5	55.6	83.4

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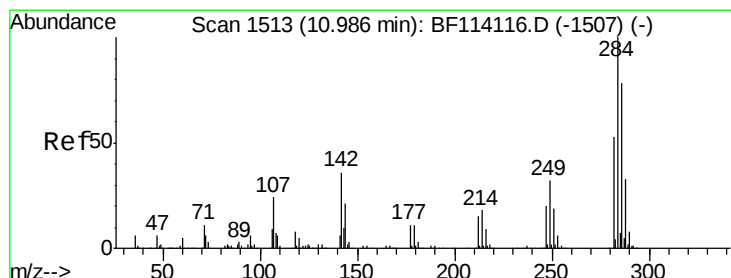
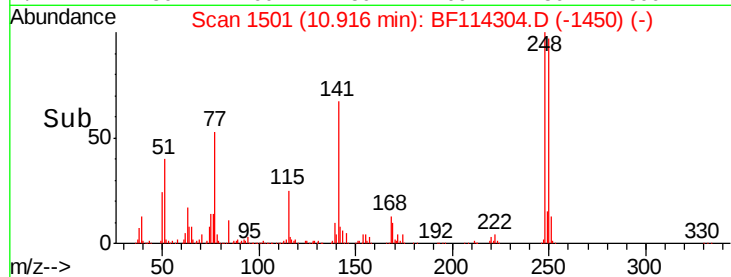
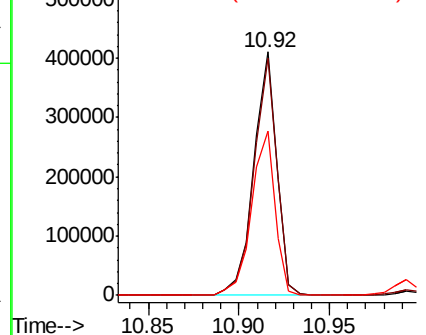


Abundance

Ion 248.00 (247.70 to 248.70): E

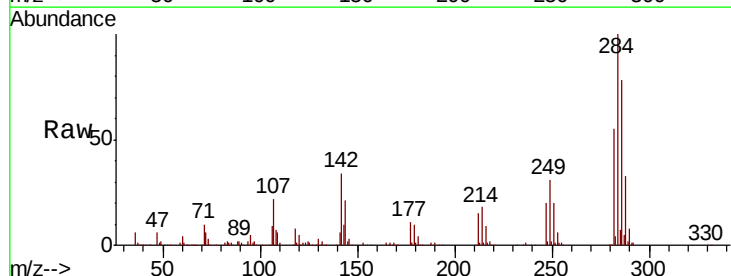
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 32.742 ng
RT: 10.99 min Scan# 1514
Delta R.T. 0.01 min
Lab File: BF114304.D
Acq: 16 May 2019 13:02

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.3	28.4	42.6
249	31.1	25.2	37.8

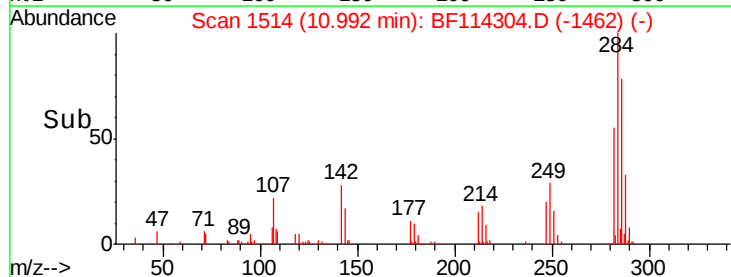
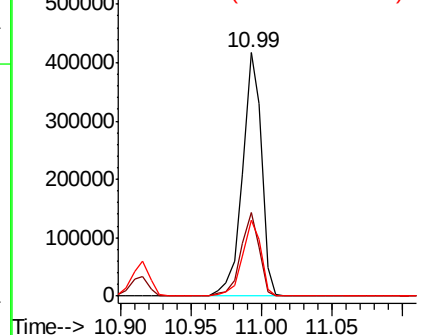


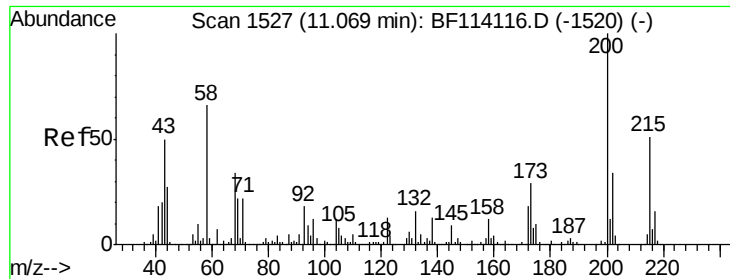
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





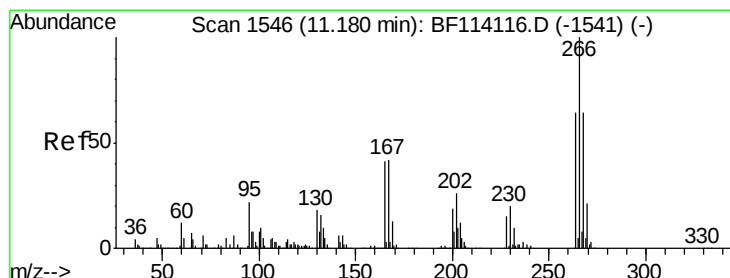
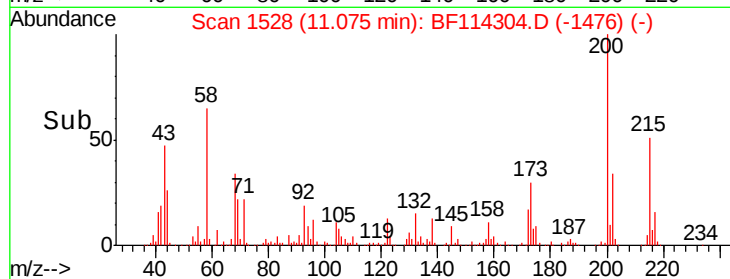
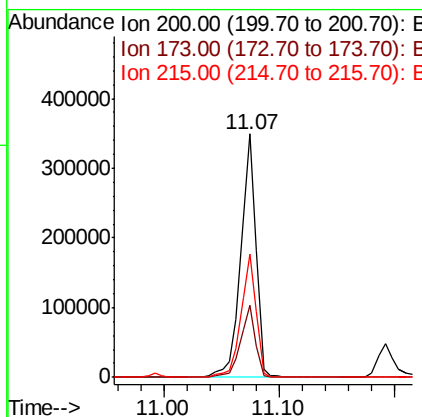
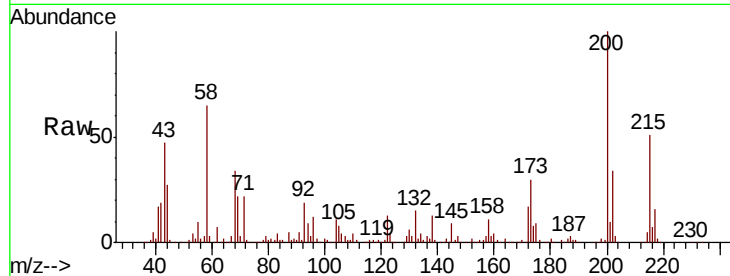
#69
 Atrazine
 Concen: 34.796 ng
 RT: 11.07 min Scan# 1528
 Delta R.T. 0.01 min
 Lab File: BF114304.D
 Acq: 16 May 2019 13:02

Instrument :
 BNA_F
 ClientSampled :
 PB119768BS

Tot Ion:	200	Resp:	321721
Ion Ratio	Lower	Upper	
200	100		
173	29.6	8.9	48.9
215	50.7	30.7	70.7

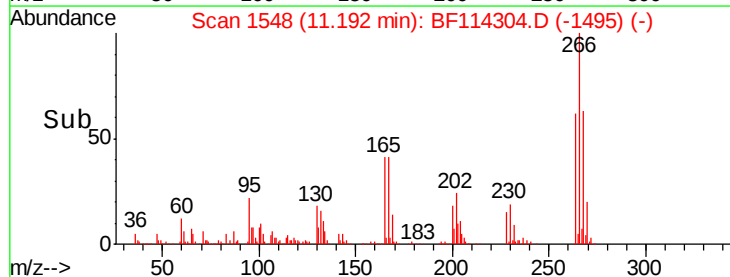
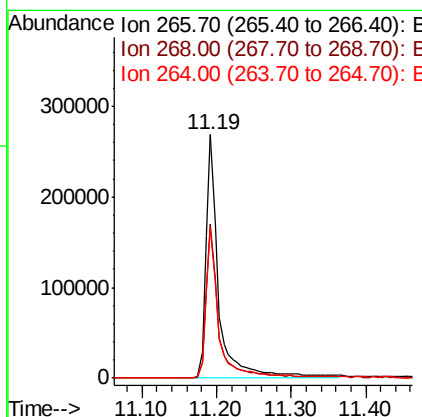
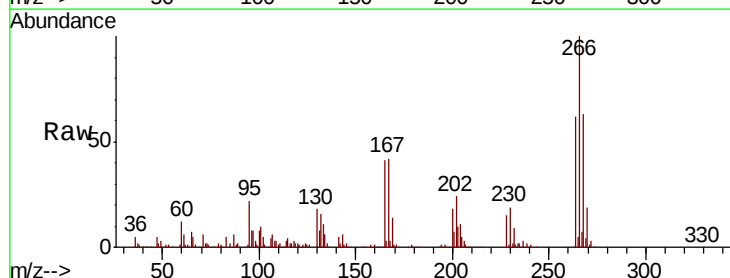
Manual Integrations
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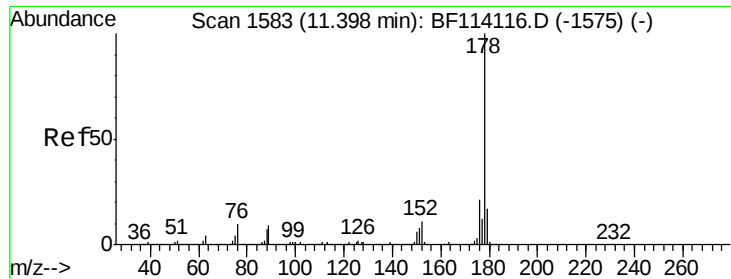
mohammad
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#70
 Pentachlorophenol
 Concen: 56.816 ng
 RT: 11.19 min Scan# 1548
 Delta R.T. 0.01 min
 Lab File: BF114304.D
 Acq: 16 May 2019 13:02

Tgt Ion:	266	Resp:	321147
Ion Ratio	Lower	Upper	
266	100		
268	63.1	51.1	76.7
264	61.8	51.1	76.7





#71

Phenanthrene

Concen: 35.360 ng

RT: 11.40 min Scan# 1584

Delta R.T. 0.01 min

Lab File: BF114304.D

Acq: 16 May 2019 13:02

Instrument :

BNA_F

ClientSampleID :

PB119768BS

Tot Ion:178 Resp: 1684063

Ion Ratio Lower Upper

178 100

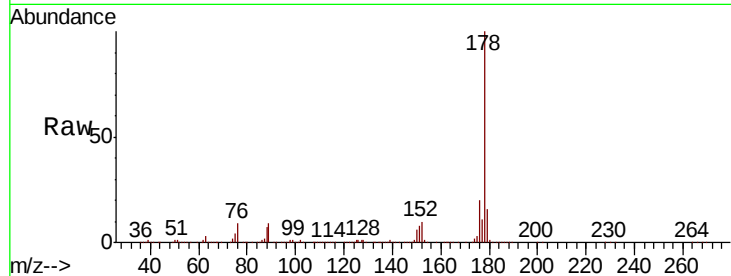
176 19.9 16.4 24.6

179 15.9 13.2 19.8

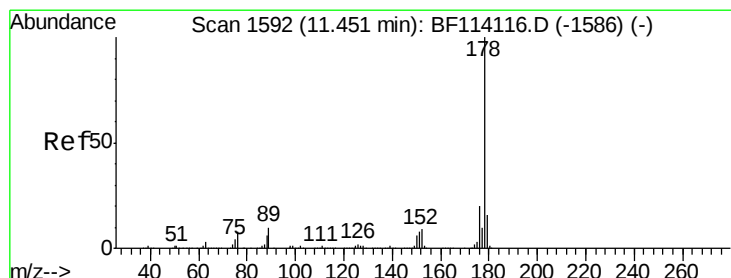
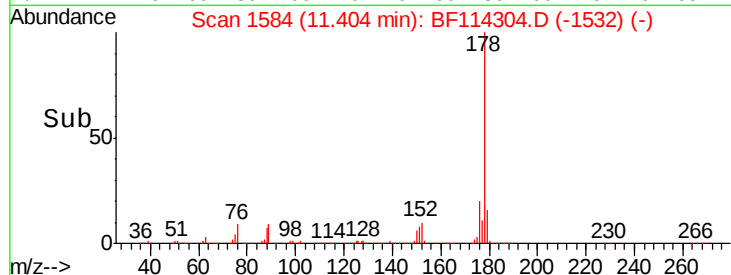
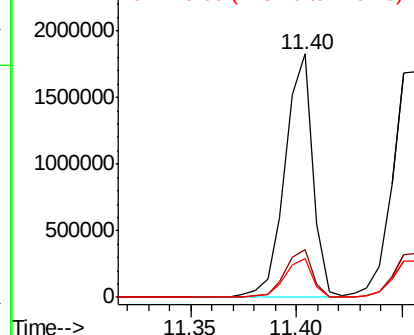
Manual Integrations
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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 37.146 ng

RT: 11.46 min Scan# 1593

Delta R.T. 0.01 min

Lab File: BF114304.D

Acq: 16 May 2019 13:02

Tgt Ion:178 Resp: 1776919

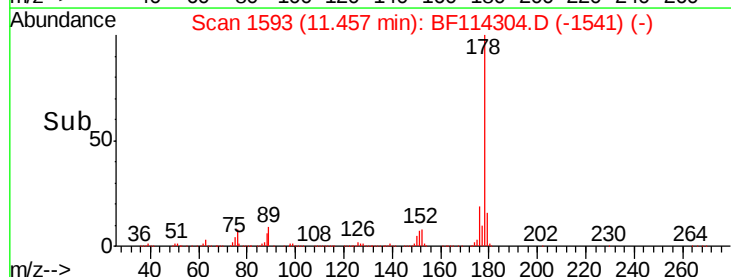
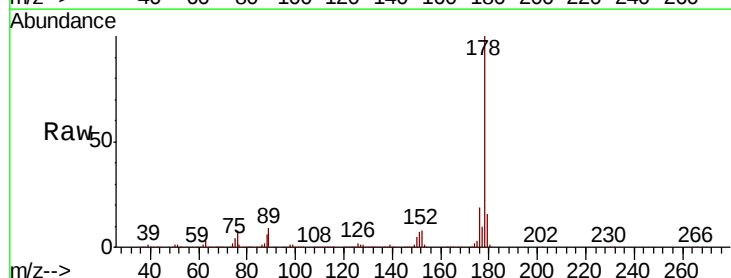
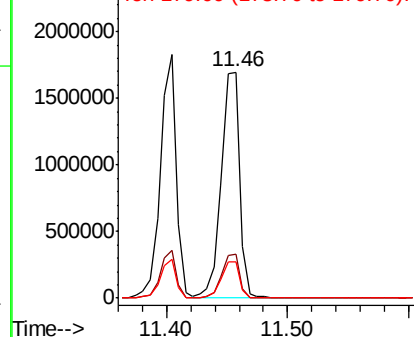
Ion Ratio Lower Upper

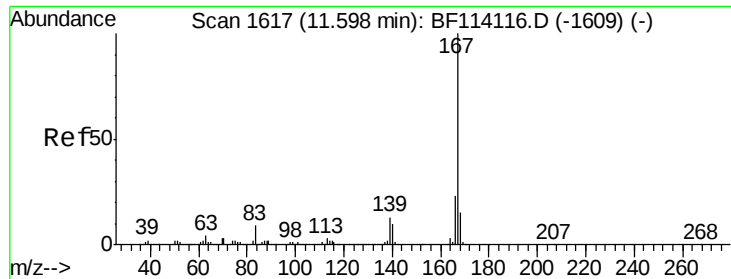
178 100

176 19.2 15.8 23.8

179 16.1 13.0 19.4

Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





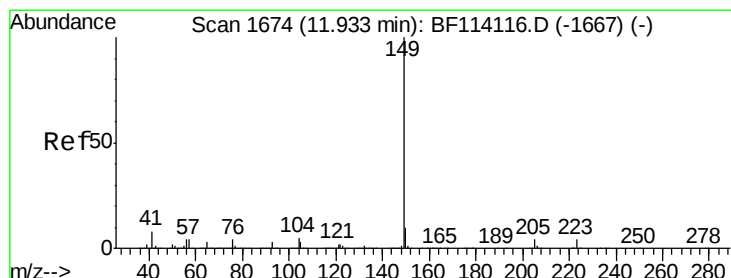
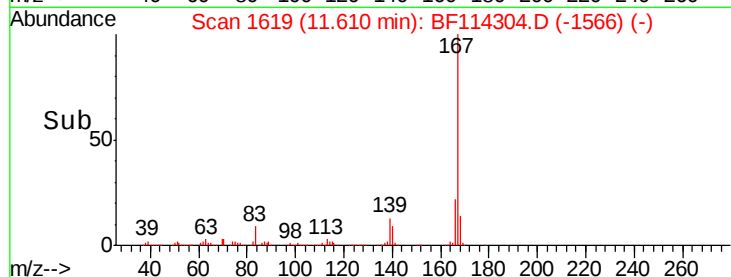
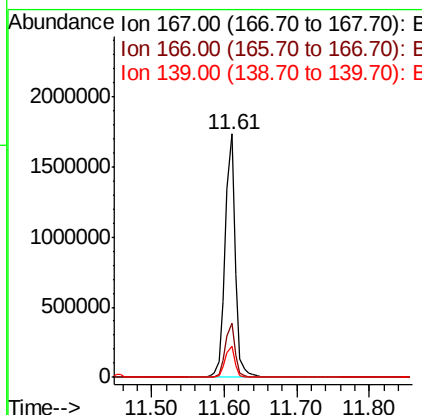
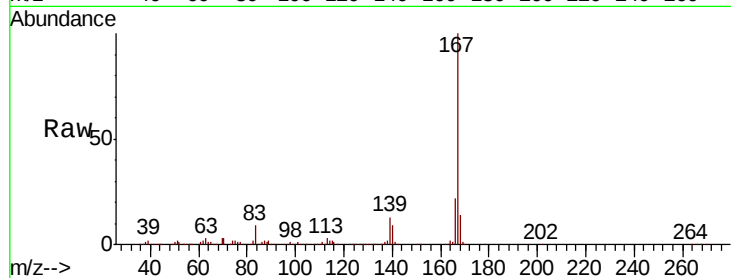
#73
 Carbazole
 Concen: 37.020 ng
 RT: 11.61 min Scan# 1619
 Delta R.T. 0.01 min
 Lab File: BF114304.D
 Acq: 16 May 2019 13:02

Instrument :
 BNA_F
 ClientSampleId :
 PB119768BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.1	18.2	27.2
139	12.9	10.6	16.0

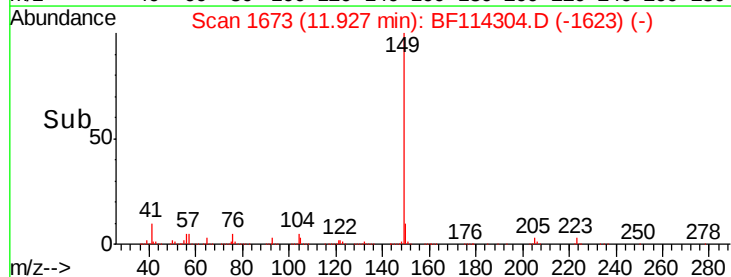
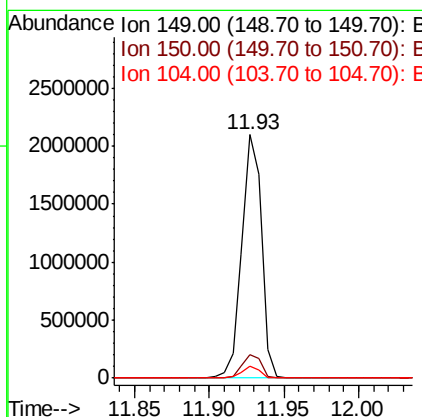
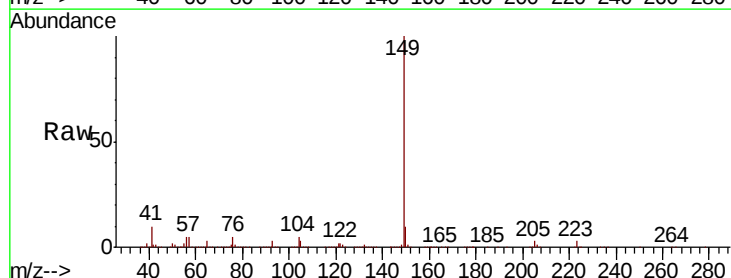
Manual Integrations
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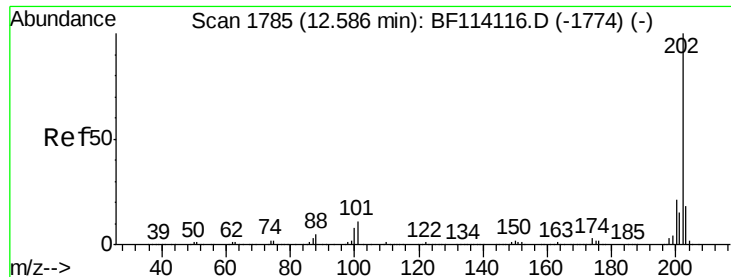
mohammad
 5/17/2019 3:04:28 PM



#74
 Di-n-butylphthalate
 Concen: 36.807 ng
 RT: 11.93 min Scan# 1673
 Delta R.T. -0.01 min
 Lab File: BF114304.D
 Acq: 16 May 2019 13:02

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.9	7.7	11.5
104	4.8	3.6	5.4





#75

Fluoranthene

Concen: 36.306 ng

RT: 12.59 min Scan# 1786

Delta R.T. 0.01 min

Lab File: BF114304.D

Acq: 16 May 2019 13:02

Instrument :

BNA_F

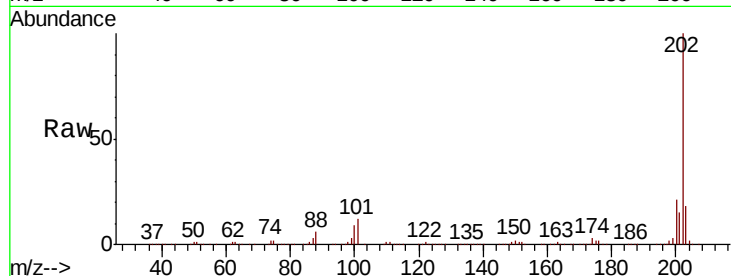
ClientSampled :

PB119768BS

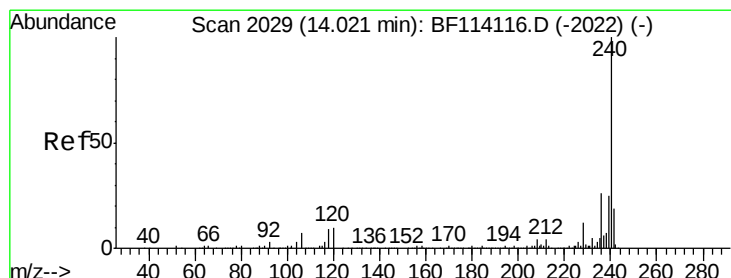
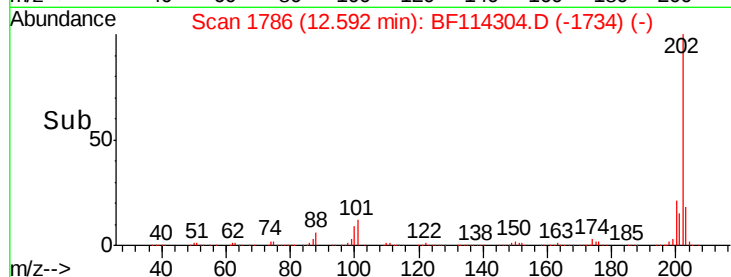
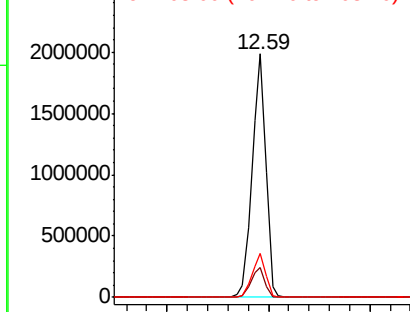
Tot Ion	Ratio	Resp	Lower	Upper
202	100	1862022		
101	12.4		0.0	31.0
203	18.2		0.0	38.4

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

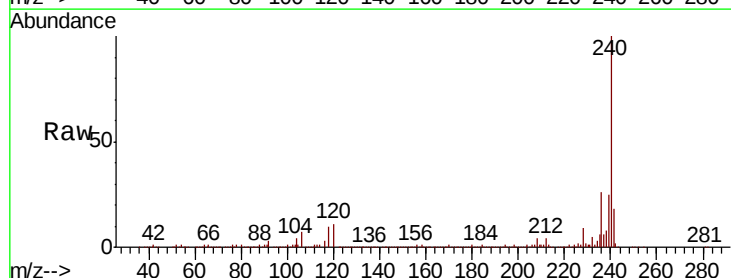
RT: 14.03 min Scan# 2031

Delta R.T. 0.01 min

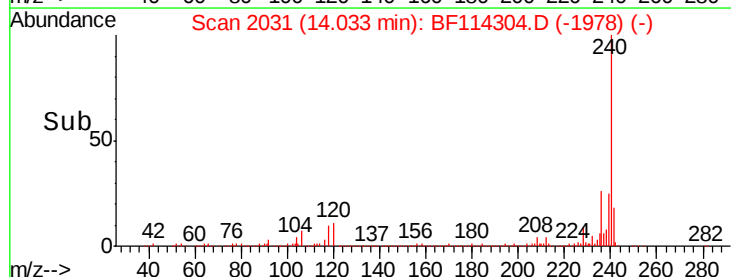
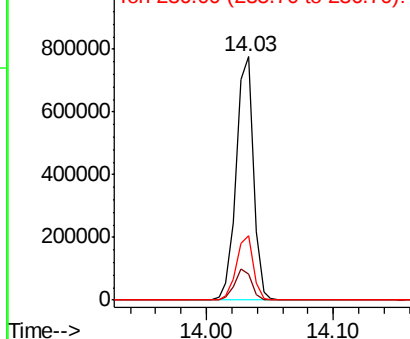
Lab File: BF114304.D

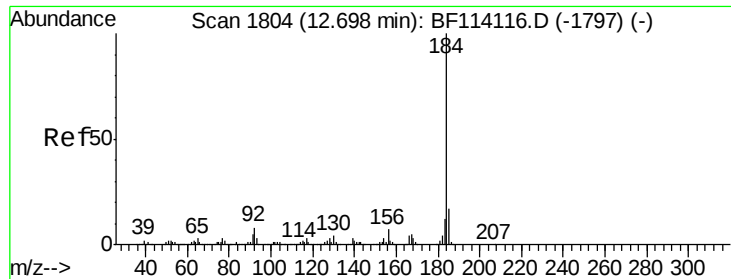
Acq: 16 May 2019 13:02

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	720955		
120	10.9		8.3	12.5
236	26.5		20.8	31.2



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 25.193 ng

RT: 12.71 min Scan# 1806

Delta R.T. 0.01 min

Lab File: BF114304.D

Acq: 16 May 2019 13:02

Instrument :

BNA_F

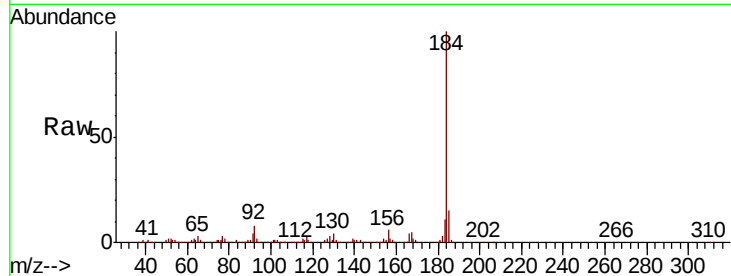
ClientSampleId :

PB119768BS

Tot Ion:	184	Resp:	815325
Ion Ratio	Lower	Upper	
184	100		
185	15.1	13.6	20.4
183	10.8	9.2	13.8

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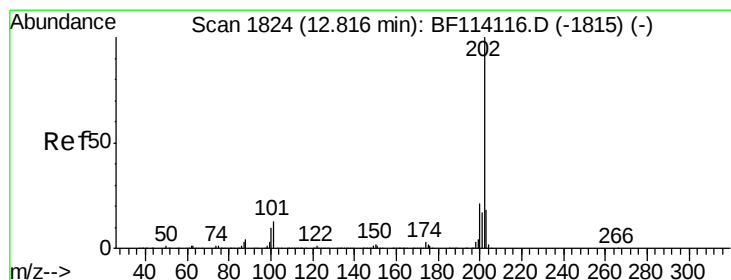
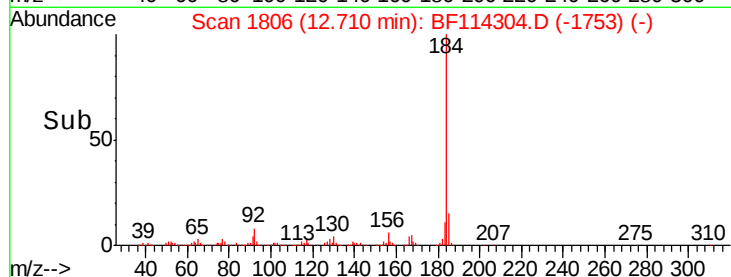
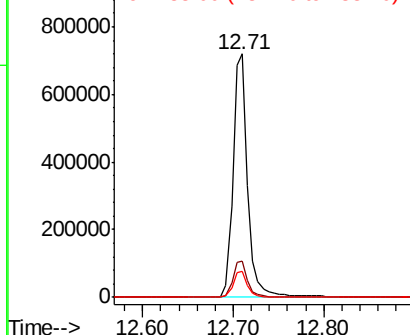


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 32.807 ng

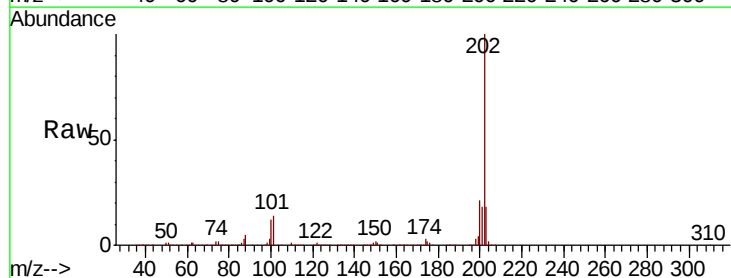
RT: 12.82 min Scan# 1825

Delta R.T. 0.01 min

Lab File: BF114304.D

Acq: 16 May 2019 13:02

Tgt Ion:	202	Resp:	1902700
Ion Ratio	Lower	Upper	
202	100		
200	20.8	16.9	25.3
203	17.9	14.5	21.7

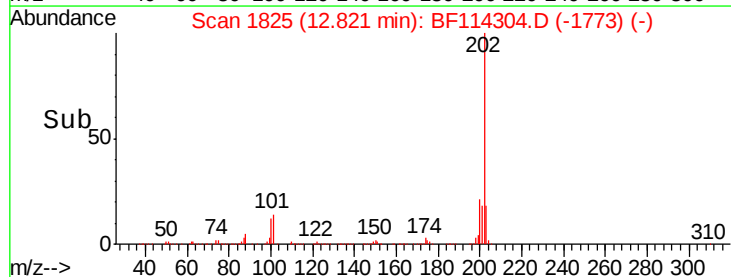
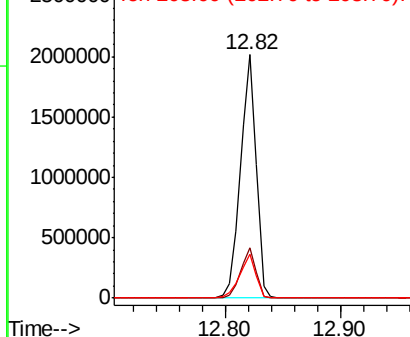


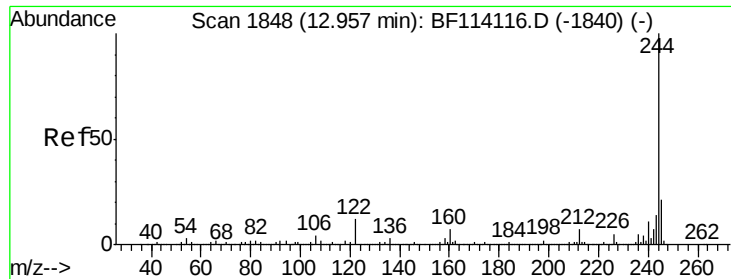
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





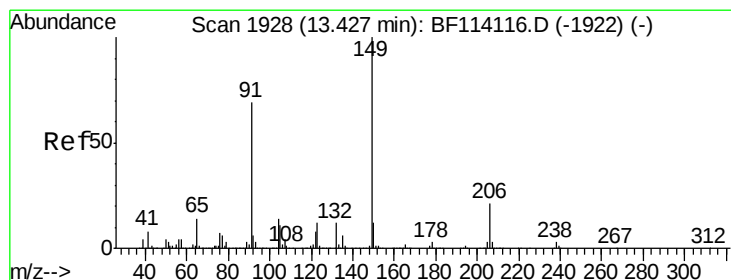
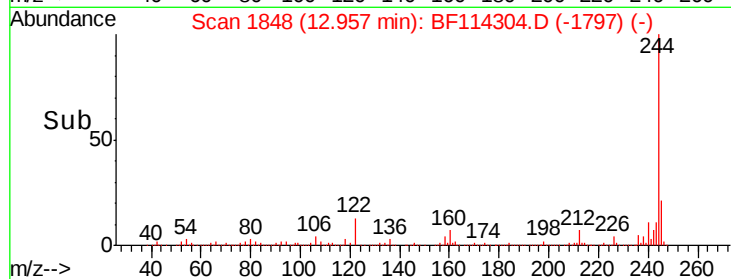
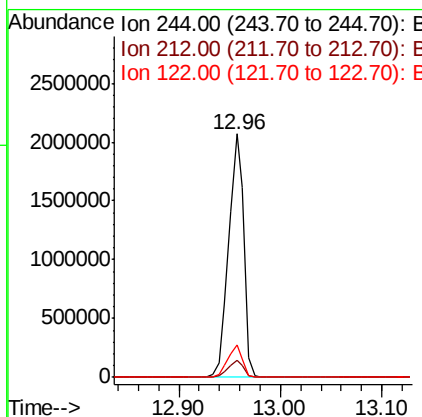
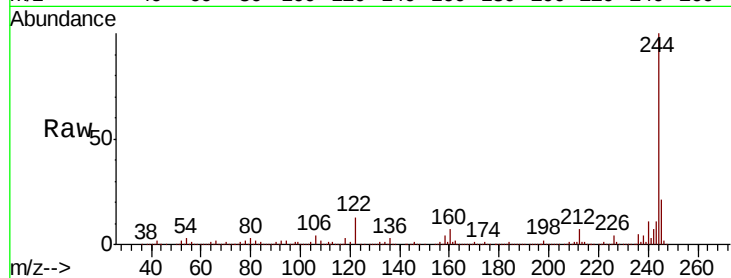
#79
 Terphenyl-d14
 Concen: 61.342 ng
 RT: 12.96 min Scan# 1848
 Delta R.T. -0.00 min
 Lab File: BF114304.D
 Acq: 16 May 2019 13:02

Instrument :
 BNA_F
 ClientSampled :
 PB119768BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.6
122	13.2	9.4	14.2

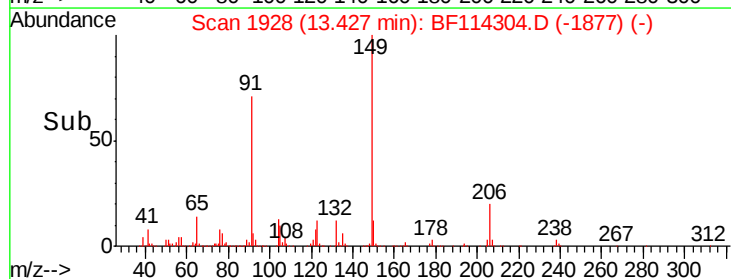
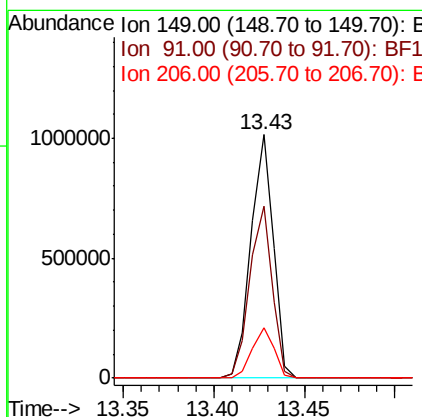
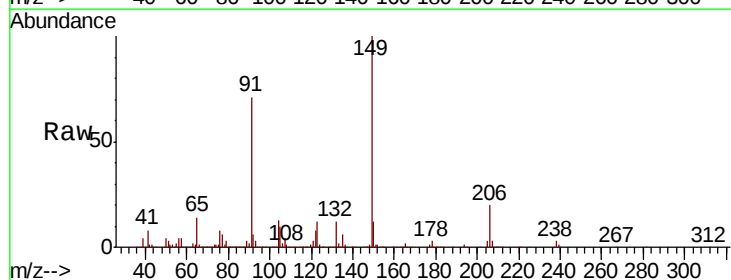
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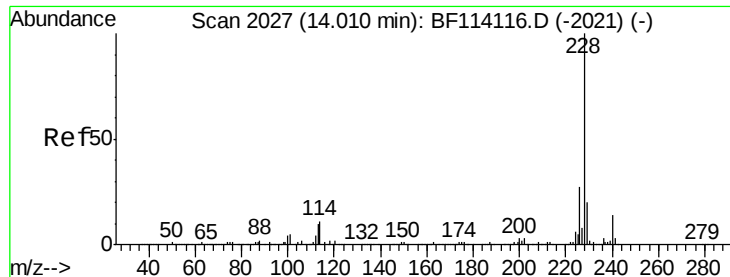
mohammad
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#80
 Butylbenzylphthalate
 Concen: 35.967 ng
 RT: 13.43 min Scan# 1928
 Delta R.T. -0.00 min
 Lab File: BF114304.D
 Acq: 16 May 2019 13:02

Tgt Ion	Ratio	Lower	Upper
149	100		
91	70.7	55.0	82.4
206	20.5	16.9	25.3





#81

Benzo(a)anthracene

Concen: 35.419 ng

RT: 14.02 min Scan# 2028

Delta R.T. 0.01 min

Lab File: BF114304.D

Acq: 16 May 2019 13:02

Instrument :

BNA_F

ClientSampleId :

PB119768BS

Tot Ion:228 Resp: 1651637

Ion Ratio Lower Upper

228 100

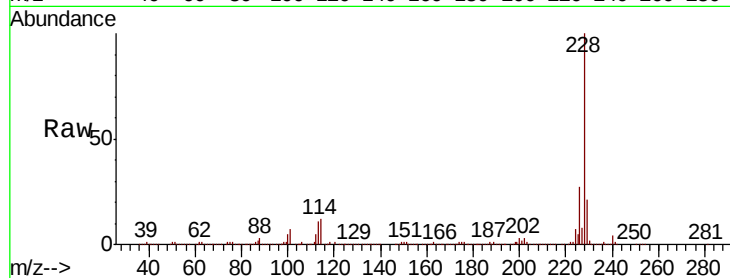
226 27.5 22.2 33.2

229 20.6 16.4 24.6

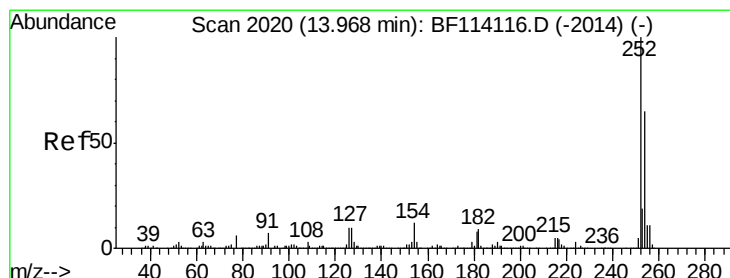
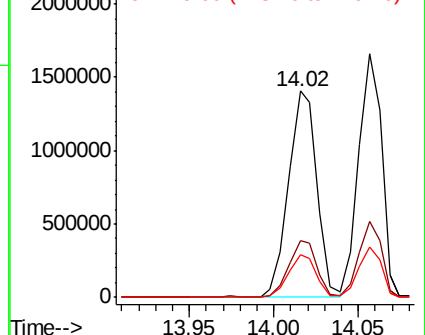
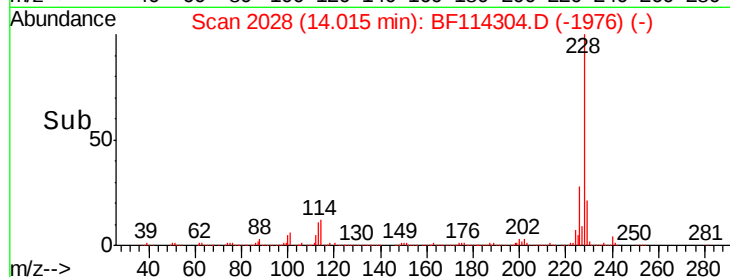
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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 29.065 ng

RT: 13.97 min Scan# 2021

Delta R.T. 0.01 min

Lab File: BF114304.D

Acq: 16 May 2019 13:02

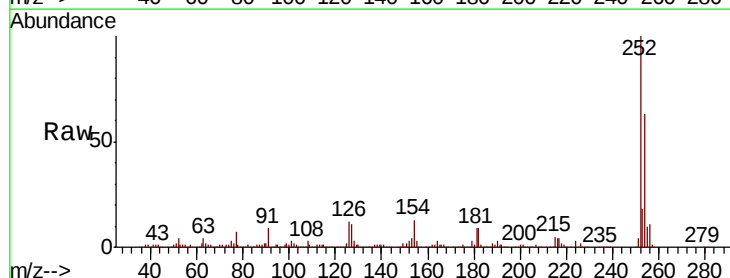
Tgt Ion:252 Resp: 525779

Ion Ratio Lower Upper

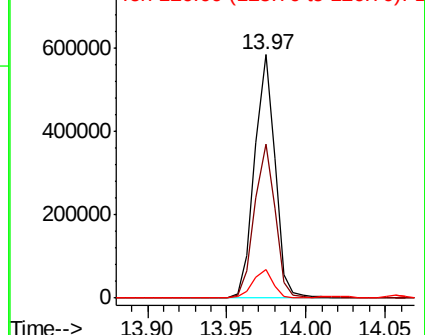
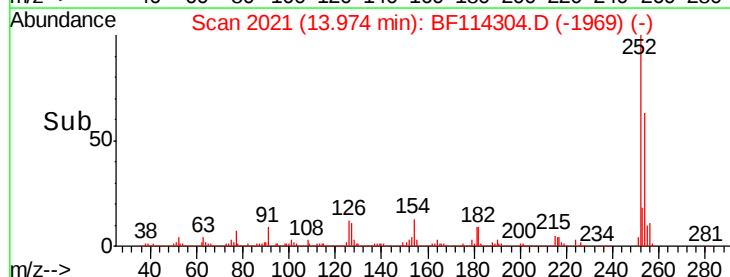
252 100

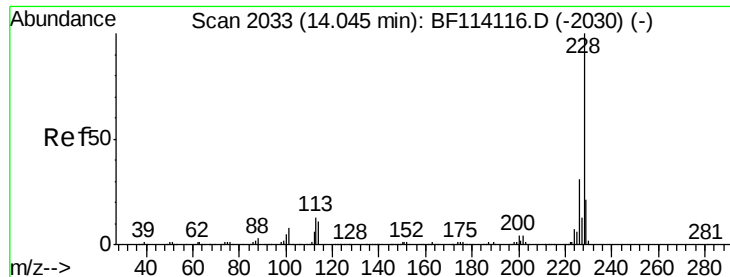
254 63.3 51.9 77.9

126 11.7 7.9 11.9



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





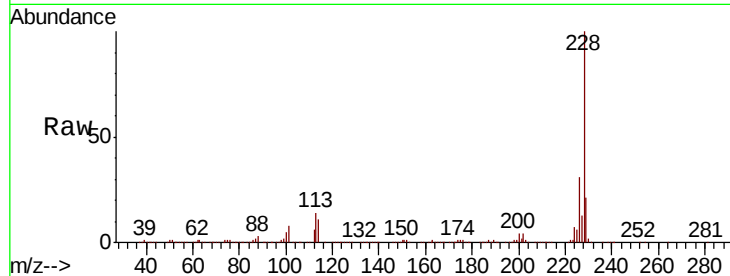
#83
Chrysene
Concen: 34.564 ng
RT: 14.06 min Scan# 2035
Delta R.T. 0.01 min
Lab File: BF114304.D
Acq: 16 May 2019 13:02

Instrument :
BNA_F
ClientSampleId :
PB119768BS

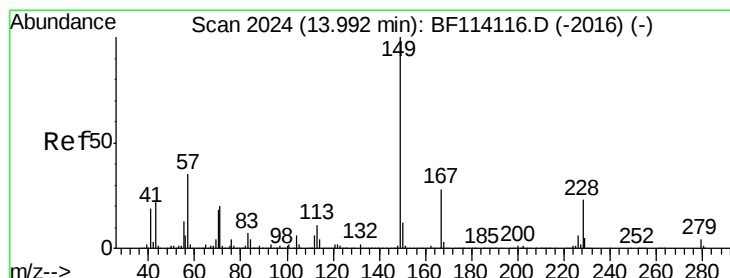
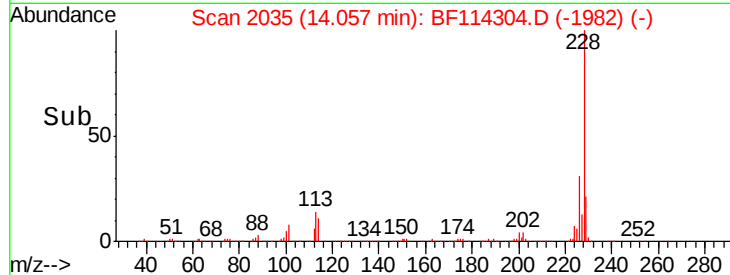
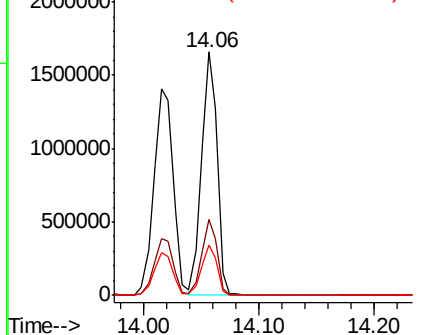
Tot Ion:228 Resp: 1579996
Ion Ratio Lower Upper
228 100
226 31.2 25.0 37.6
229 20.6 17.0 25.6

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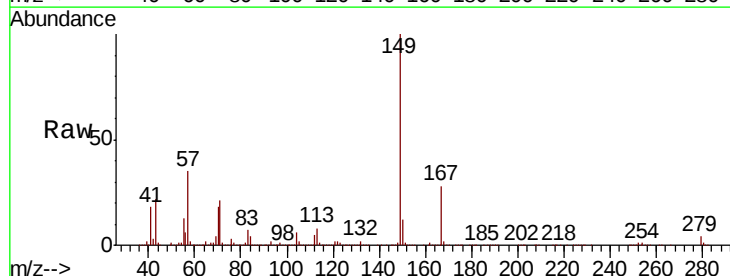


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

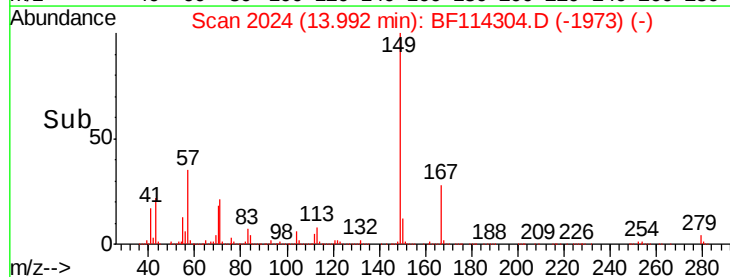
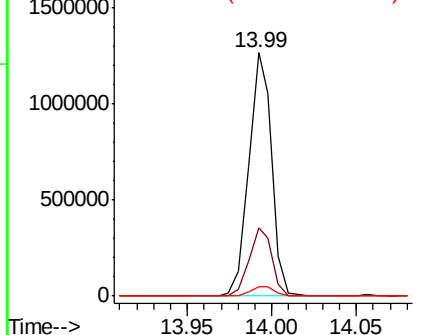


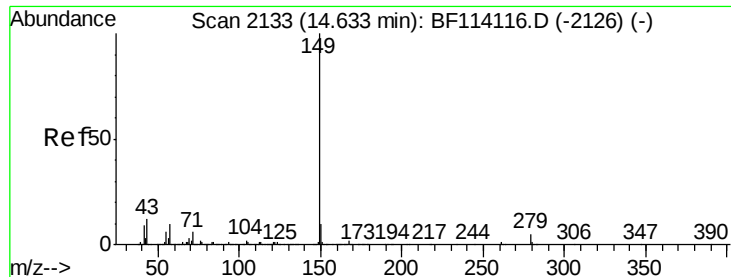
#84
Bis(2-ethylhexyl)phthalate
Concen: 37.387 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.00 min
Lab File: BF114304.D
Acq: 16 May 2019 13:02

Tgt Ion:149 Resp: 1193673
Ion Ratio Lower Upper
149 100
167 27.9 22.6 33.8
279 3.7 3.0 4.6



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E





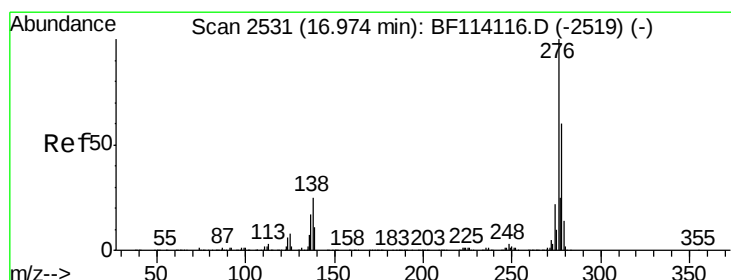
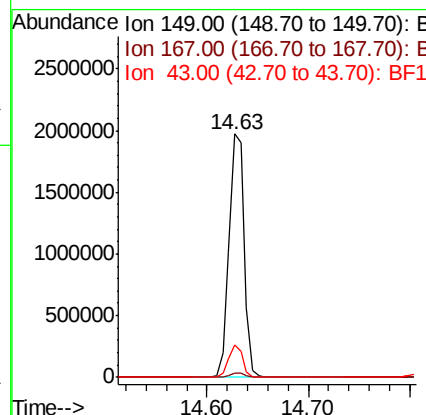
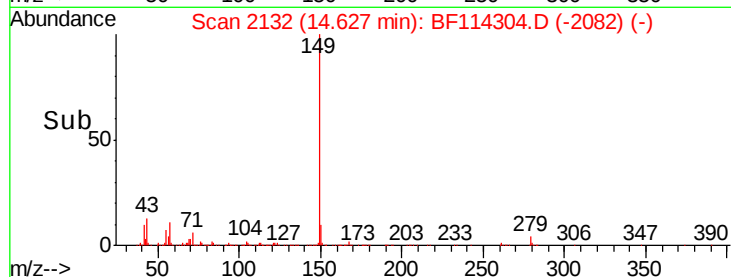
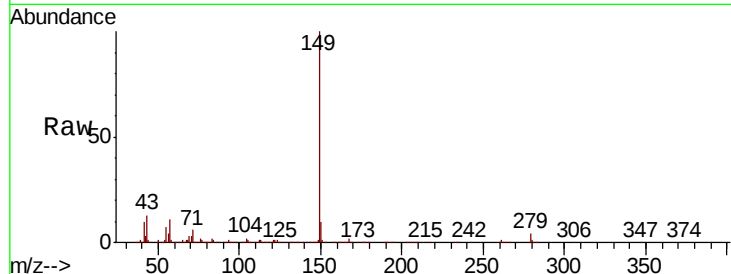
#85
Di-n-octyl phthalate
Concen: 39.112 ng
RT: 14.63 min Scan# 2132
Delta R.T. -0.01 min
Lab File: BF114304.D
Acq: 16 May 2019 13:02

Instrument :
BNA_F
ClientSampleID :
PB119768BS

Tot Ion:149 Resp: 2024271
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 12.4 10.1 15.1

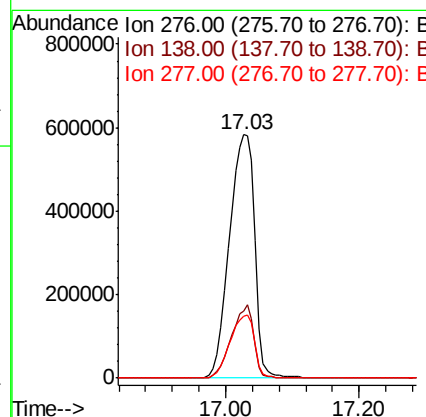
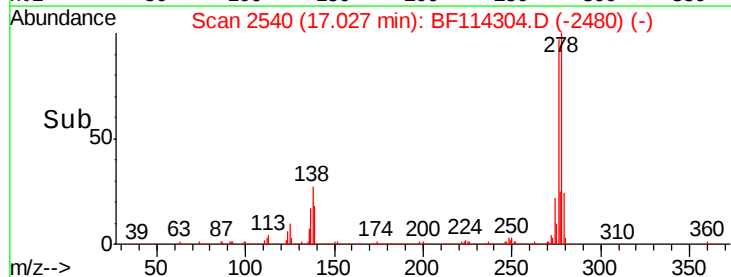
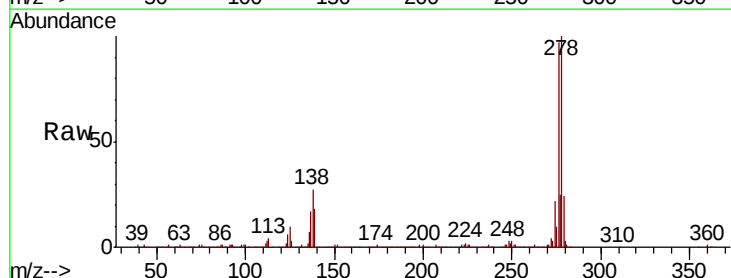
Manual Integrations
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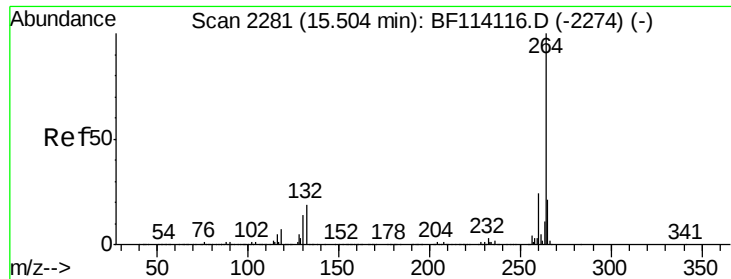
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 38.675 ng
RT: 17.03 min Scan# 2540
Delta R.T. 0.05 min
Lab File: BF114304.D
Acq: 16 May 2019 13:02

Tgt Ion:276 Resp: 1562430
Ion Ratio Lower Upper
276 100
138 26.6 20.2 30.2
277 25.1 20.0 30.0





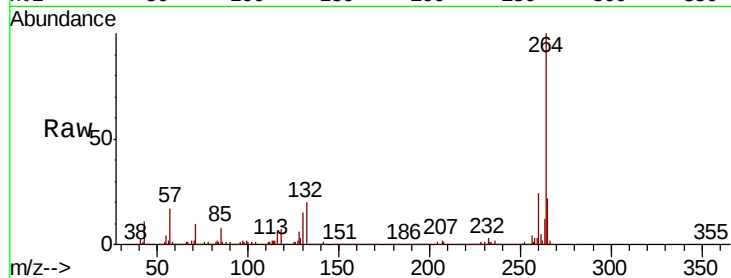
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.53 min Scan# 2285
Delta R.T. 0.02 min
Lab File: BF114304.D
Acq: 16 May 2019 13:02

Instrument :
BNA_F
ClientSampleId :
PB119768BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.4	29.0
265	21.7	16.9	25.3

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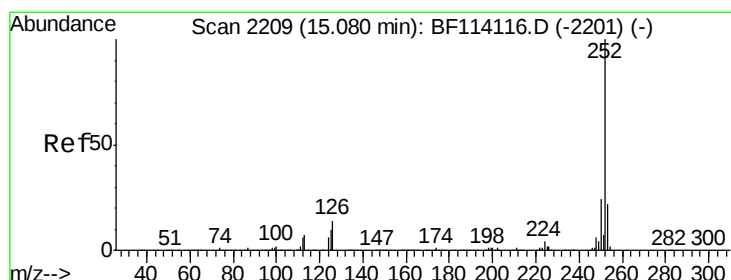
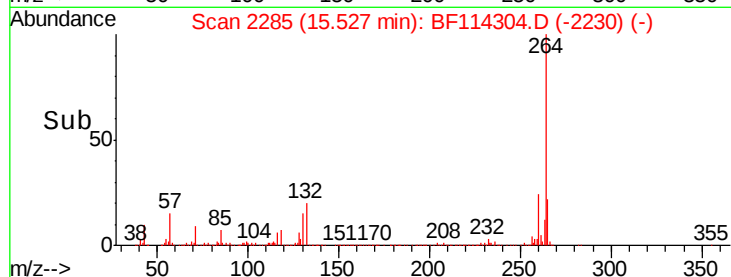
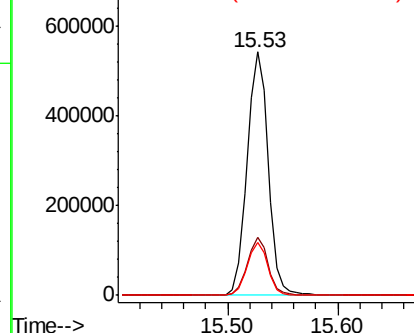


Abundance

Ion 264.00 (263.70 to 264.70): E

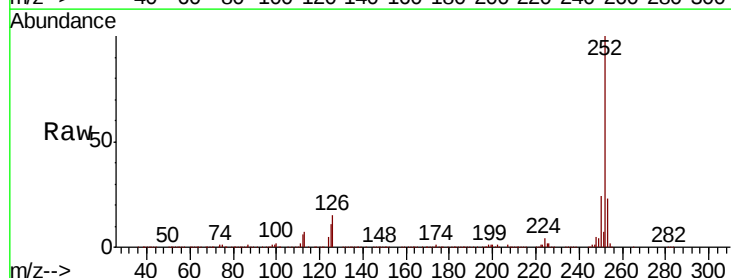
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88
Benzo(b)fluoranthene
Concen: 35.060 ng
RT: 15.10 min Scan# 2212
Delta R.T. 0.02 min
Lab File: BF114304.D
Acq: 16 May 2019 13:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.8	26.8
125	11.3	8.3	12.5

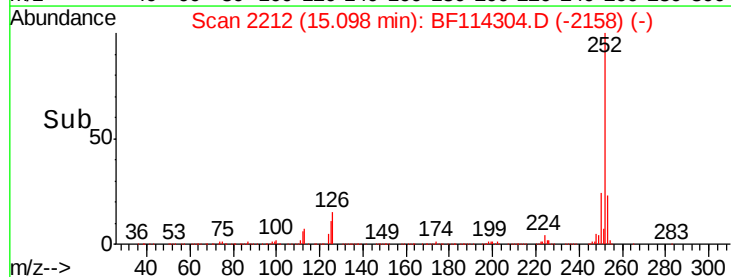
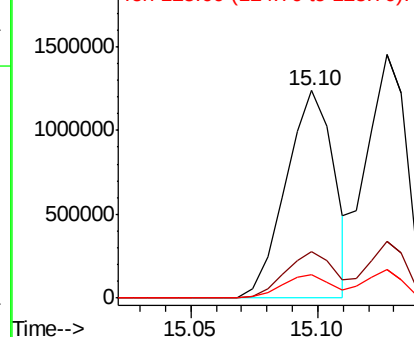


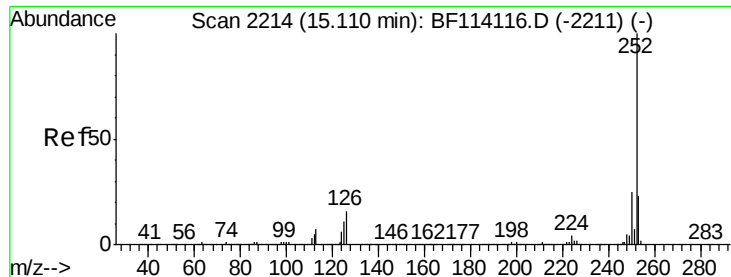
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





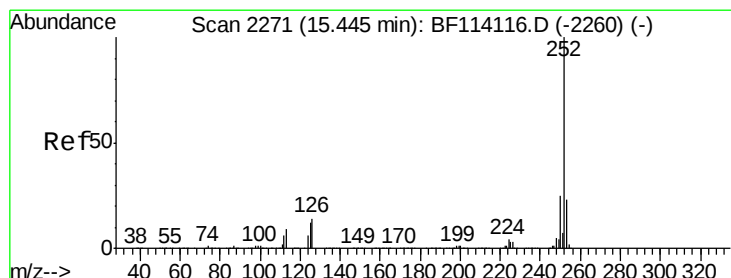
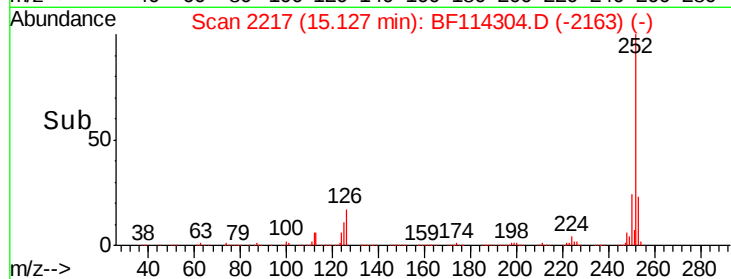
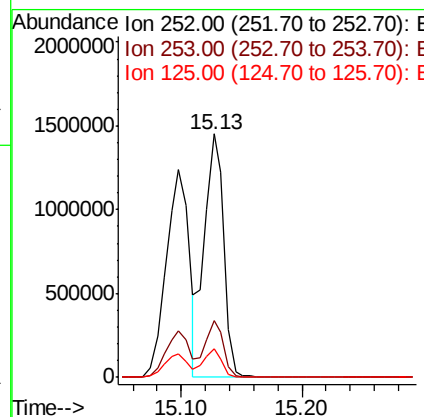
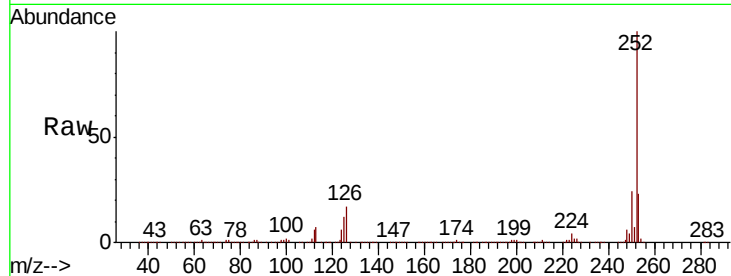
#89
Benzo(k)fluoranthene
Concen: 37.410 ng
RT: 15.13 min Scan# 2217
Delta R.T. 0.02 min
Lab File: BF114304.D
Acq: 16 May 2019 13:02

Instrument :
BNA_F
ClientSampleId :
PB119768BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.2	27.2
125	11.6	8.6	13.0

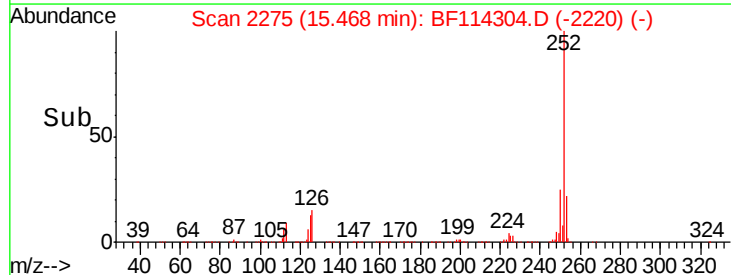
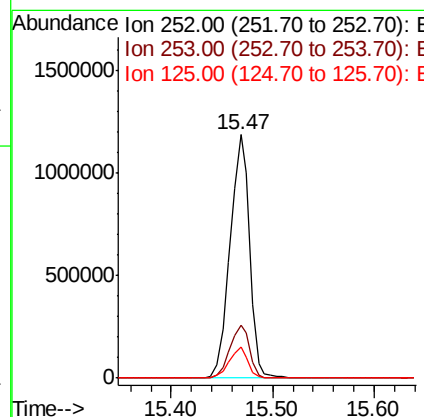
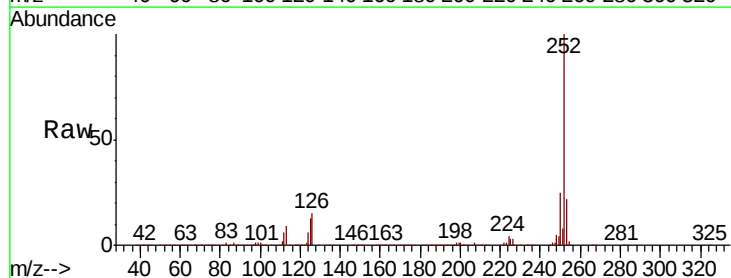
Manual Integrations
APPROVED

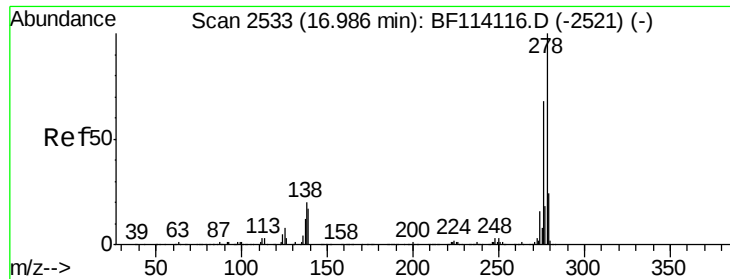
mohammad
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#90
Benzo(a)pyrene
Concen: 38.464 ng
RT: 15.47 min Scan# 2275
Delta R.T. 0.02 min
Lab File: BF114304.D
Acq: 16 May 2019 13:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.1	27.1
125	12.6	9.5	14.3





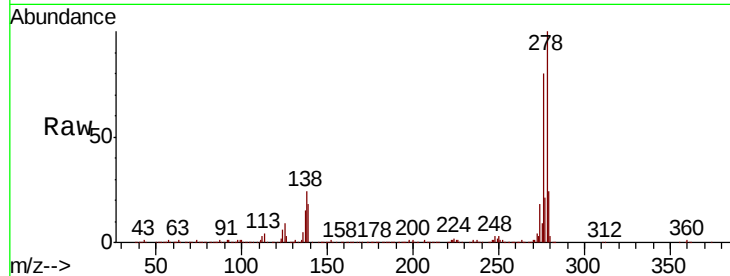
#91
Dibenzo(a,h)anthracene
Concen: 37.922 ng
RT: 17.03 min Scan# 2541
Delta R.T. 0.05 min
Lab File: BF114304.D
Acq: 16 May 2019 13:02

Instrument :
BNA_F
ClientSampleId :
PB119768BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	18.0	13.5	20.3
279	23.7	19.0	28.6

Manual Integrations
APPROVED

mohammad
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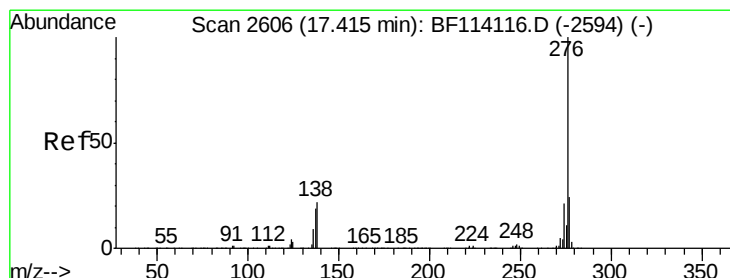
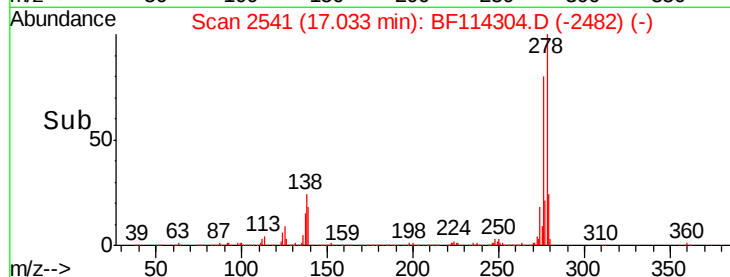
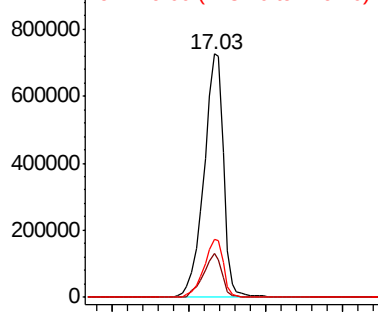


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 37.887 ng
RT: 17.47 min Scan# 2616
Delta R.T. 0.06 min
Lab File: BF114304.D
Acq: 16 May 2019 13:02

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.8	19.0	28.4
138	23.5	17.8	26.6

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

