

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051519\
 Data File : BF114290.D
 Acq On : 15 May 2019 17:47
 Operator : JU/SJ
 Sample : PB119740BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB119740BS

Manual Integrations
 APPROVED

mohammad
 5/16/2019 9:51:03 AM

Quant Time: May 16 07:50:56 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	266426	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	1064305	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	499346	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	980143	20.00	ng	0.00
76) Chrysene-d12	14.02	240	682104	20.00	ng	0.00
87) Perylene-d12	15.49	264	671761	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	1686142	101.85	ng	0.02
7) Phenol-d6	6.50	99	2170218	110.83	ng	0.00
23) Nitrobenzene-d5	7.41	82	1231644	64.94	ng	0.00
42) 2,4,6-Tribromophenol	10.68	330	532361	103.12	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	2114758	64.06	ng	0.00
79) Terphenyl-d14	12.96	244	2071075	62.59	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.73	88	289149	31.775	ng	99
3) Pyridine	3.48	79	750952	29.951	ng	96
4) n-Nitrosodimethylamine	3.43	42	374078	30.940	ng	93
6) Aniline	6.52	93	657758	23.254	ng	# 32
8) 2-Chlorophenol	6.65	128	637500	36.069	ng	92
9) Benzaldehyde	6.40	77	276872	20.198	ng	98
10) Phenol	6.52	94	773384	33.575	ng	89
11) bis(2-Chloroethyl)ether	6.59	93	641849	36.703	ng	97
12) 1,3-Dichlorobenzene	6.79	146	670602	33.801	ng	100
13) 1,4-Dichlorobenzene	6.86	146	680870	34.057	ng	99
14) 1,2-Dichlorobenzene	7.02	146	623596	34.142	ng	99
15) Benzyl Alcohol	6.99	79	535409	35.058	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.12	45	1142645	33.699	ng	75
17) 2-Methylphenol	7.12	107	523024	36.024	ng	# 91
18) Hexachloroethane	7.36	117	255095	33.994	ng	96
19) n-Nitroso-di-n-propylamine	7.26	70	439759	35.432	ng	98
20) 3+4-Methylphenols	7.27	107	652159	38.878	ng	# 60
22) Acetophenone	7.26	105	853668	36.206	ng	93
24) Nitrobenzene	7.43	77	695287	35.996	ng	93
25) Isophorone	7.67	82	1256614	35.728	ng	99
26) 2-Nitrophenol	7.75	139	359889	38.403	ng	95
27) 2,4-Dimethylphenol	7.79	122	577904	39.264	ng	99
28) bis(2-Chloroethoxy)methane	7.87	93	807517	35.385	ng	99
29) 2,4-Dichlorophenol	8.00	162	534904	36.497	ng	98
30) 1,2,4-Trichlorobenzene	8.07	180	565682	33.943	ng	98
31) Naphthalene	8.15	128	1817531	36.559	ng	99
32) Benzoic acid	7.93	122	341421	34.795	ng	96
33) 4-Chloroaniline	8.20	127	502178	22.166	ng	98
34) Hexachlorobutadiene	8.27	225	311041	32.801	ng	98
35) Caprolactam	8.57	113	191036m	39.974	ng	
36) 4-Chloro-3-methylphenol	8.70	107	566802	38.421	ng	100
37) 2-Methylnaphthalene	8.85	142	1223257	38.136	ng	97
38) 1-Methylnaphthalene	8.95	142	1154848	38.232	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	542001	35.832	ng	99

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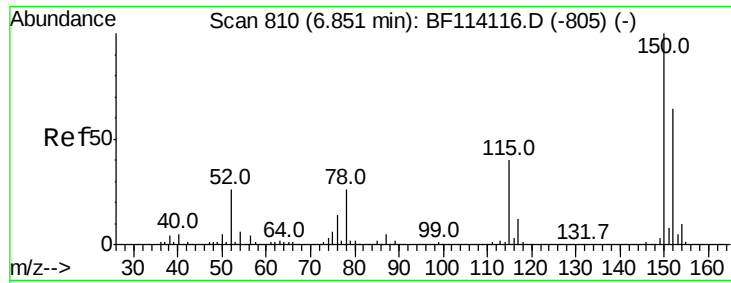
Manual Integrations
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	376757	54.897	nq	100
43) 2,4,6-Trichlorophenol	9.13	196	356284	34.244	nq	98
44) 2,4,5-Trichlorophenol	9.17	196	373302	34.986	nq	97
46) 1,1'-Biphenyl	9.31	154	1459647	36.183	nq	98
47) 2-Chloronaphthalene	9.33	162	1114820	34.339	nq	100
48) 2-Nitroaniline	9.43	65	396807	34.463	nq	96
49) Acenaphthylene	9.75	152	1796677	36.386	nq	99
50) Dimethylphthalate	9.60	163	1298147	35.414	nq	99
51) 2,6-Dinitrotoluene	9.67	165	293284	36.072	nq	89
52) Acenaphthene	9.92	154	1024528	33.812	nq	99
53) 3-Nitroaniline	9.85	138	243846	24.161	nq	97
54) 2,4-Dinitrophenol	9.96	184	257789	64.484	nq	92
55) Dibenzofuran	10.09	168	1518916	34.186	nq	99
56) 4-Nitrophenol	10.03	139	388587	54.444	nq	93
57) 2,4-Dinitrotoluene	10.08	165	376630	34.129	nq	# 88
58) Fluorene	10.44	166	1204964	35.110	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.22	232	304701	33.096	nq	99
60) Diethylphthalate	10.30	149	1260314	33.838	nq	99
61) 4-Chlorophenyl-phenylether	10.42	204	579135	34.358	nq	98
62) 4-Nitroaniline	10.46	138	336371	31.717	nq	96
63) Azobenzene	10.59	77	1260821	34.973	nq	99
65) 4,6-Dinitro-2-methylphenol	10.50	198	172244	36.572	nq	97
66) n-Nitrosodiphenylamine	10.55	169	1084109	36.444	nq	100
67) 4-Bromophenyl-phenylether	10.92	248	369890	34.275	nq	94
68) Hexachlorobenzene	10.99	284	400739	33.567	nq	94
69) Atrazine	11.07	200	321805	34.762	nq	99
70) Pentachlorophenol	11.19	266	334181	59.049	nq	100
71) Phenanthrene	11.40	178	1701346	35.679	nq	98
72) Anthracene	11.45	178	1763675	36.823	nq	99
73) Carbazole	11.60	167	1673970	36.651	nq	99
74) Di-n-butylphthalate	11.93	149	1910660	36.311	nq	100
75) Fluoranthene	12.59	202	1838318	35.799	nq	98
77) Benzdine	12.70	184	847160	27.668	nq	98
78) Pyrene	12.82	202	1859703	33.892	nq	100
80) Butylbenzylphthalate	13.42	149	835977	36.196	nq	95
81) Benzo(a)anthracene	14.00	228	1555206	35.251	nq	100
82) 3,3'-Dichlorobenzidine	13.96	252	469679	27.443	nq	97
83) Chrysene	14.04	228	1531458	35.411	nq	99
84) Bis(2-ethylhexyl)phthalate	13.99	149	1115756	36.937	nq	98
85) Di-n-octyl phthalate	14.60	149	1873385	38.258	nq	100
86) Indeno(1,2,3-cd)pyrene	16.97	276	1333873	34.898	nq	99
88) Benzo(b)fluoranthene	15.06	252	1536026	35.691	nq	99
89) Benzo(k)fluoranthene	15.09	252	1454489	36.791	nq	99
90) Benzo(a)pyrene	15.43	252	1433317	37.842	nq	100
91) Dibenzo(a,h)anthracene	16.98	278	1109910	35.265	nq	99
92) Benzo(g,h,i)perylene	17.42	276	1118320	35.456	nq	99

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



#1

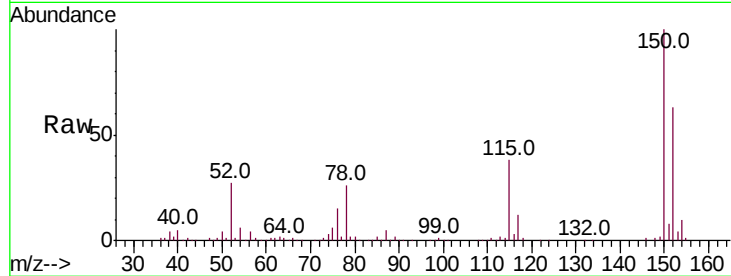
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF114290.D
Acq: 15 May 2019 17:47

Instrument :
BNA_F
ClientSampleId :
PB119740BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.9	124.3	186.5
115	59.9	49.1	73.7

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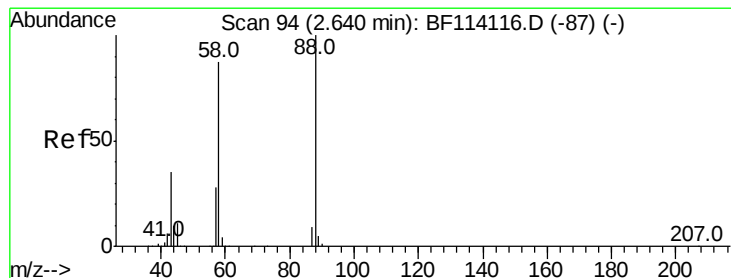
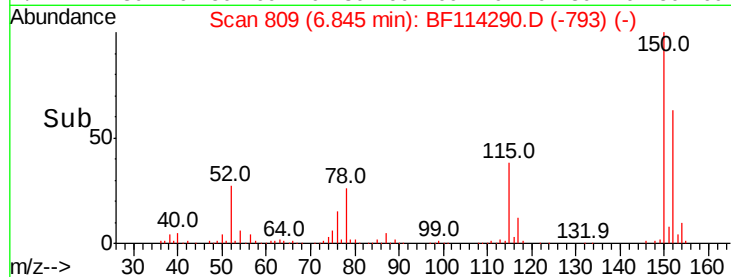
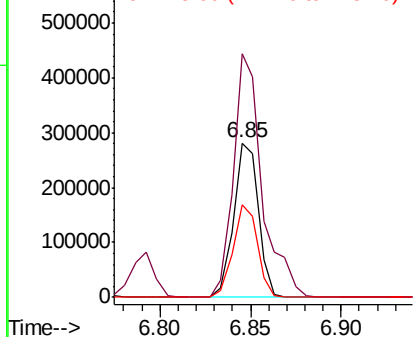


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

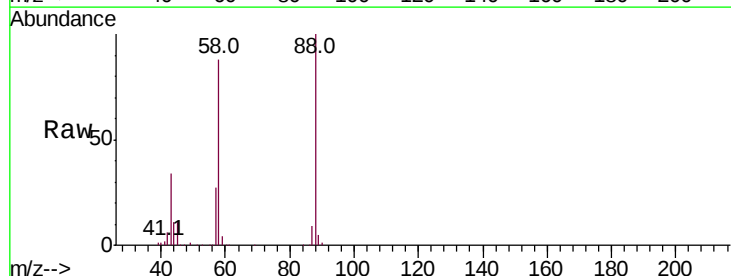
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 31.775 ng
RT: 2.73 min Scan# 110
Delta R.T. 0.09 min
Lab File: BF114290.D
Acq: 15 May 2019 17:47

Tgt Ion	Ratio	Lower	Upper
88	100		
58	85.4	68.7	103.1
43	34.3	28.2	42.2

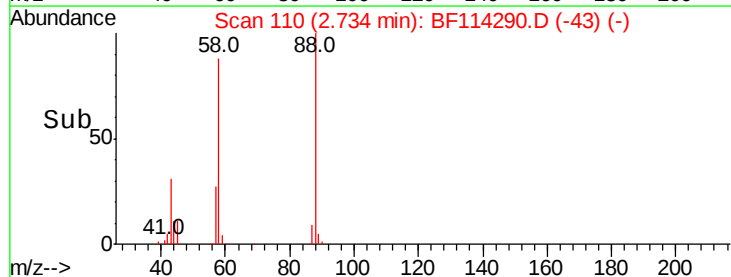
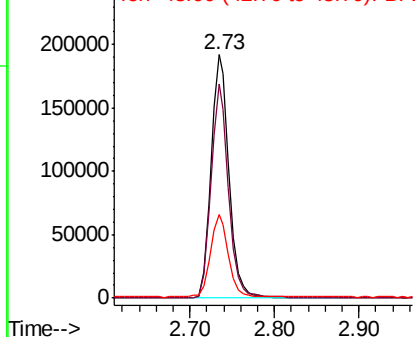


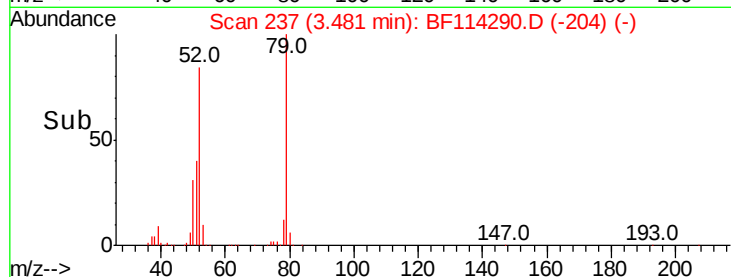
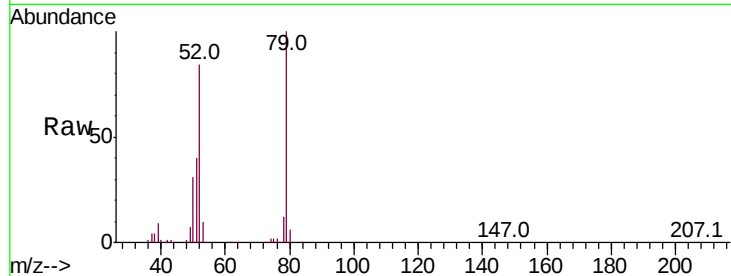
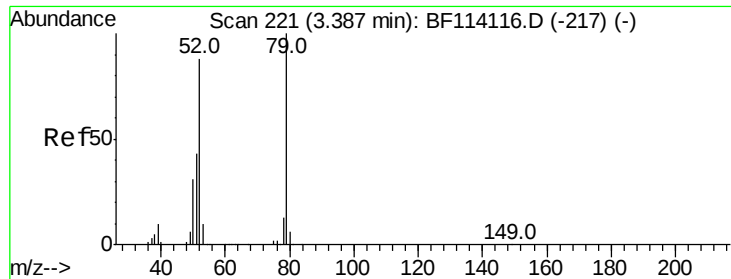
Abundance

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





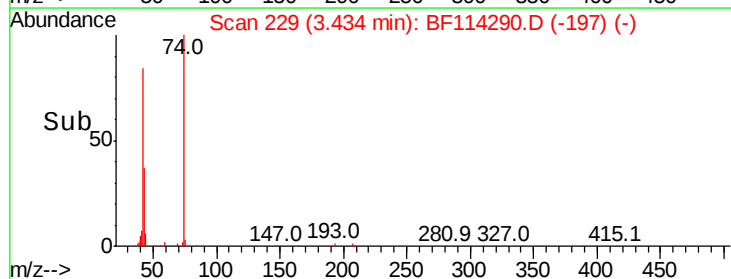
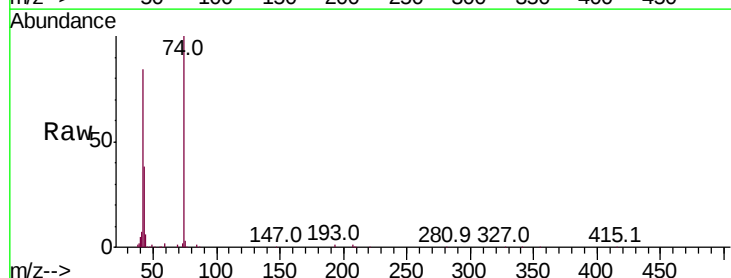
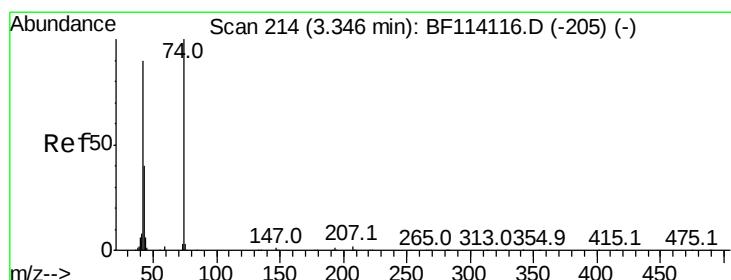
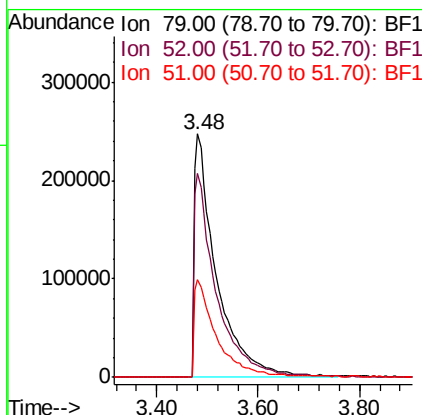
#3
Pvridine
Concen: 29.951 ng
RT: 3.48 min Scan# 237
Delta R.T. 0.09 min
Lab File: BF114290.D
Acq: 15 May 2019 17:47

Tot Ion	Ratio	Lower	Upper
79	100		
52	84.0	70.6	105.8
51	40.1	34.2	51.2

Instrument :
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ClientSampleId :
PB119740BS

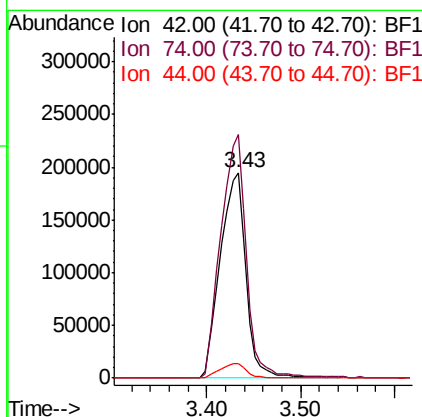
Manual Integrations
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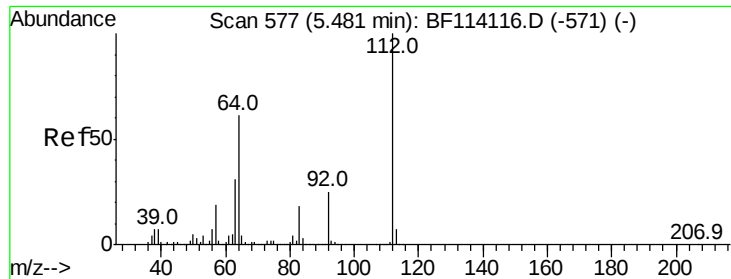
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#4
n-Nitrosodimethylamine
Concen: 30.940 ng
RT: 3.43 min Scan# 229
Delta R.T. 0.09 min
Lab File: BF114290.D
Acq: 15 May 2019 17:47

Tgt Ion	Ratio	Lower	Upper
42	100		
74	118.6	88.6	132.8
44	6.9	5.5	8.3





#5

2-Fluorophenol

Concen: 101.846 ng

RT: 5.50 min Scan# 580

Delta R.T. 0.02 min

Lab File: BF114290.D

Acq: 15 May 2019 17:47

Instrument :

BNA_F

ClientSampleId :

PB119740BS

Tot Ion:112 Resp: 1686142

Ion Ratio Lower Upper

112 100

64 65.4 49.0 73.6

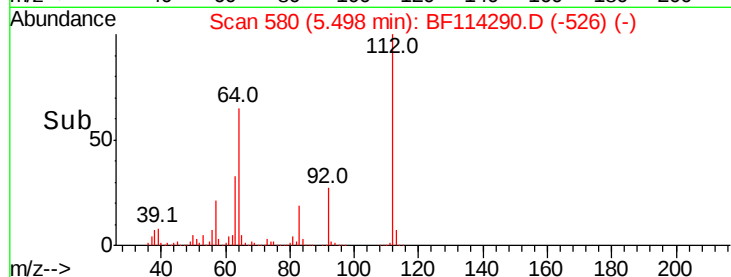
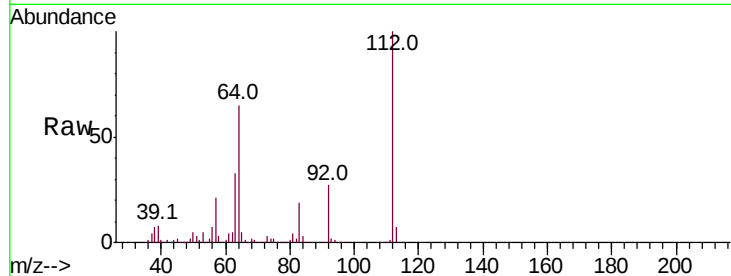
63 33.1 24.6 37.0

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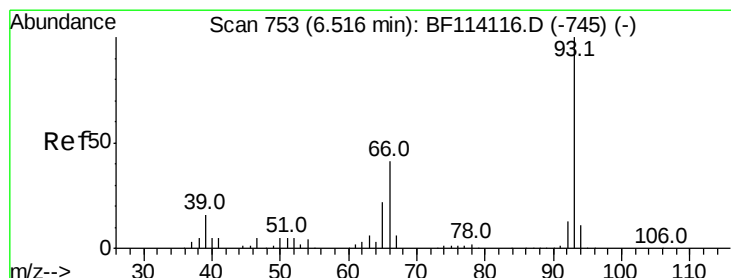
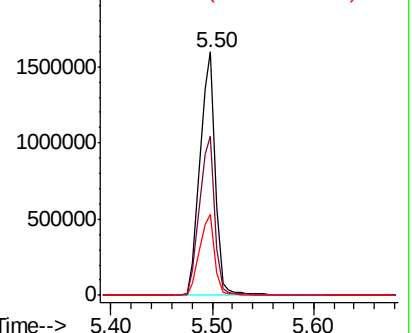
5/16/2019 9:51:03 AM



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 23.254 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.00 min

Lab File: BF114290.D

Acq: 15 May 2019 17:47

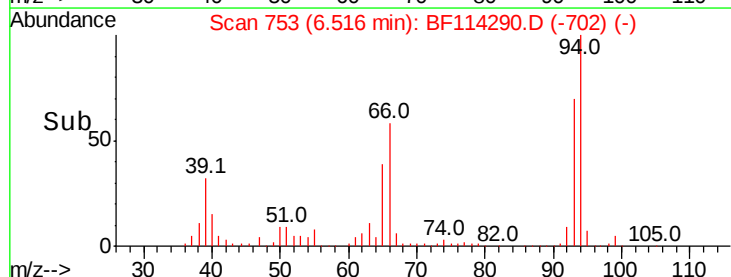
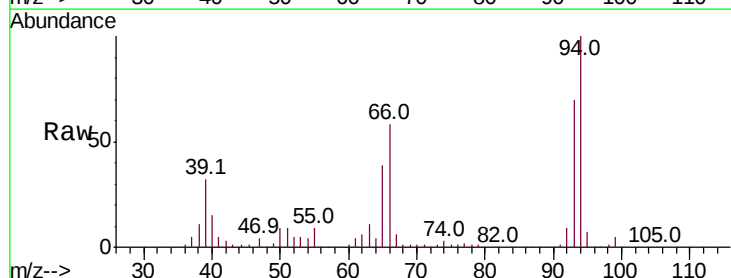
Tgt Ion: 93 Resp: 657758

Ion Ratio Lower Upper

93 100

66 83.7 33.2 49.8#

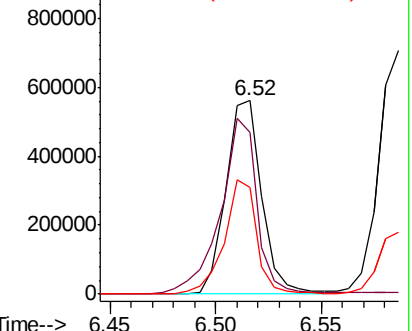
65 55.5 17.6 26.4#



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: 110.832 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF114290.D

Acq: 15 May 2019 17:47

Instrument :

BNA_F

ClientSampleId :

PB119740BS

Tot Ion: 99 Resp: 2170218

Ion Ratio Lower Upper

99 100

42 22.9 17.9 26.9

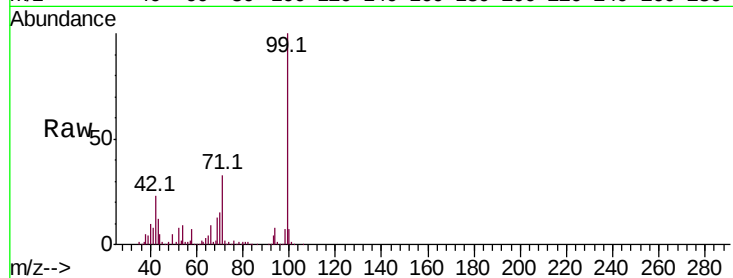
71 33.2 26.2 39.2

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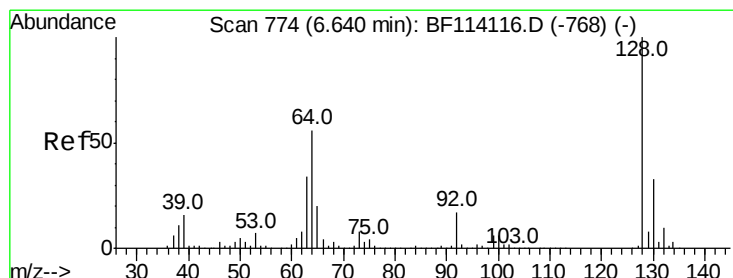
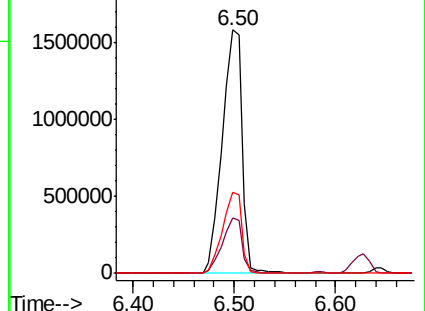
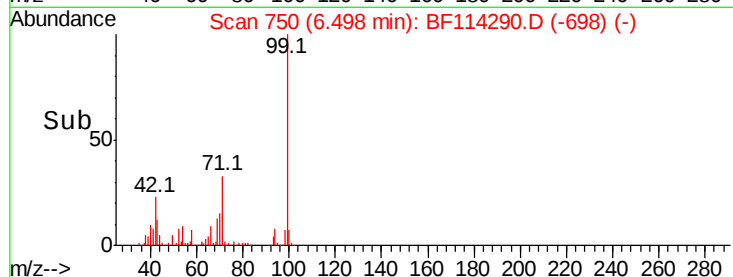
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 36.069 ng

RT: 6.65 min Scan# 775

Delta R.T. 0.01 min

Lab File: BF114290.D

Acq: 15 May 2019 17:47

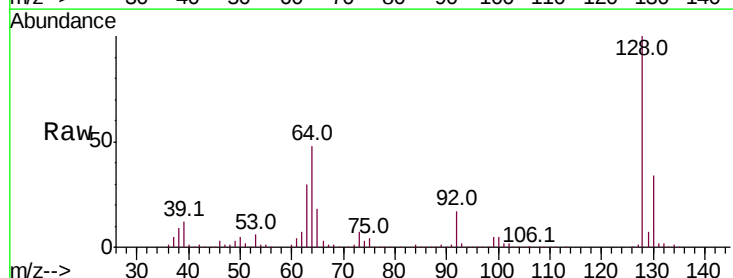
Tgt Ion: 128 Resp: 637500

Ion Ratio Lower Upper

128 100

130 33.9 12.6 52.6

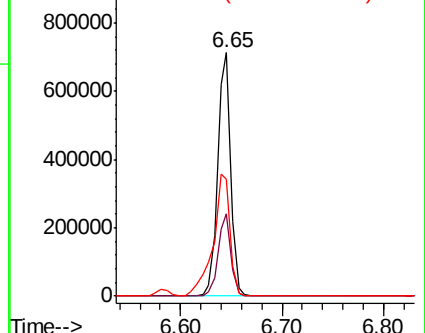
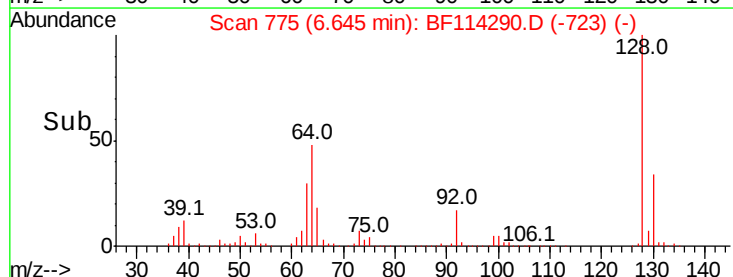
64 48.0 35.9 75.9

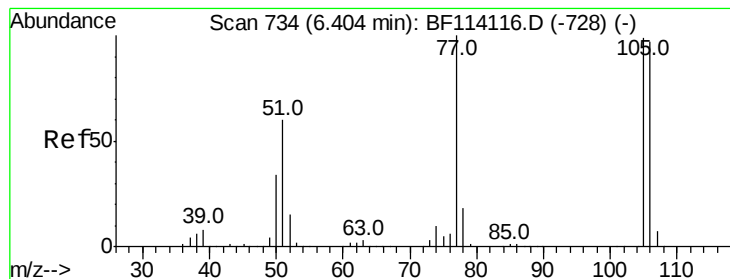


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 20.198 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF114290.D

Acq: 15 May 2019 17:47

Instrument :

BNA_F

ClientSampleId :

PB119740BS

Tot Ion: 77 Resp: 276872

Ion Ratio Lower Upper

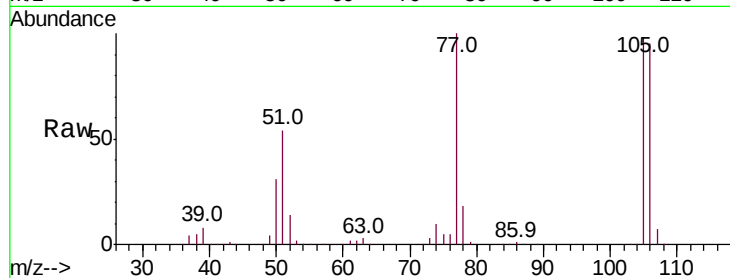
77 100

105 97.7 79.3 119.3

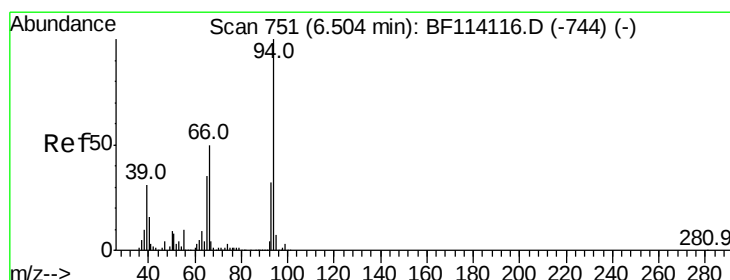
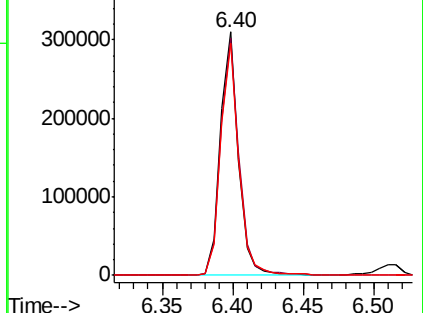
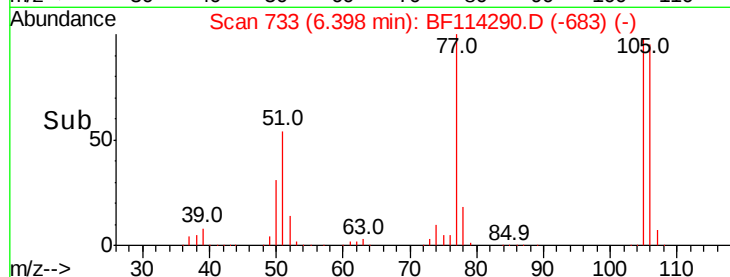
106 95.3 77.0 117.0

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Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 33.575 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF114290.D

Acq: 15 May 2019 17:47

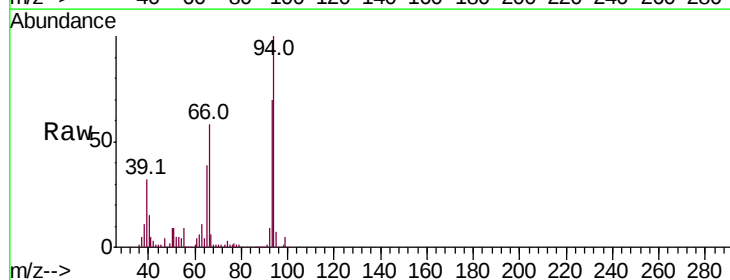
Tgt Ion: 94 Resp: 773384

Ion Ratio Lower Upper

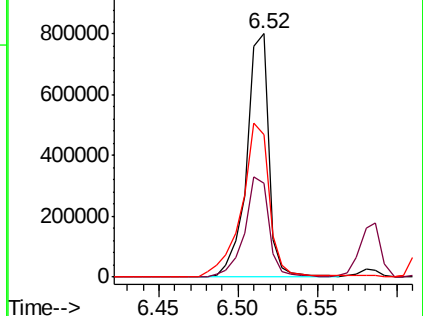
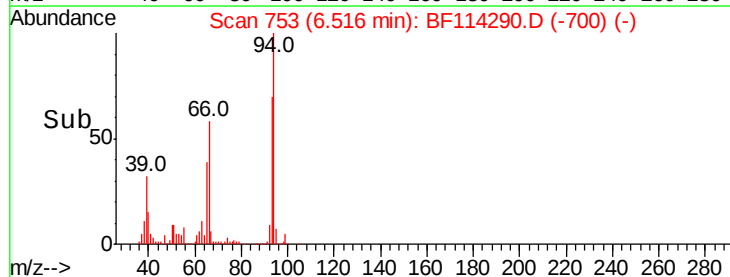
94 100

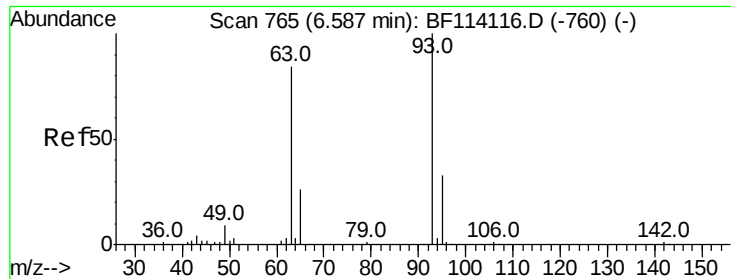
65 38.8 14.7 54.7

66 58.5 29.6 69.6



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





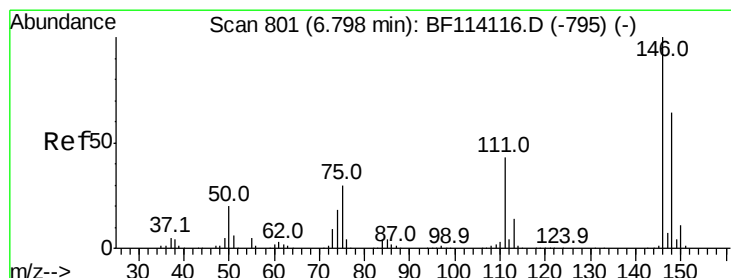
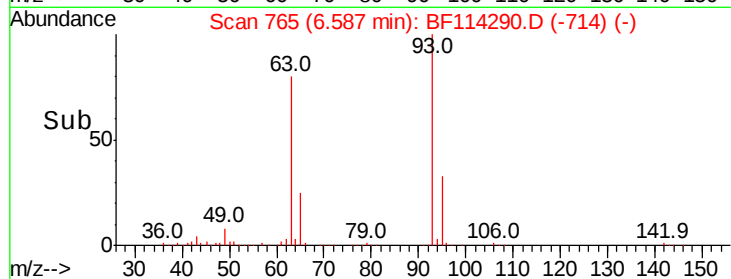
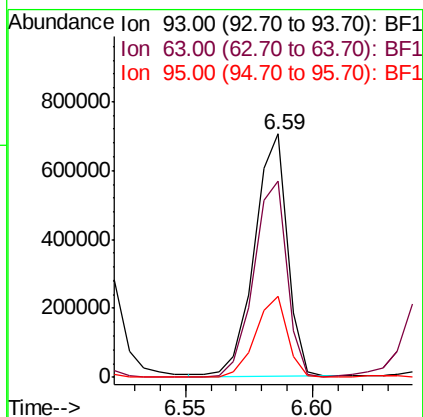
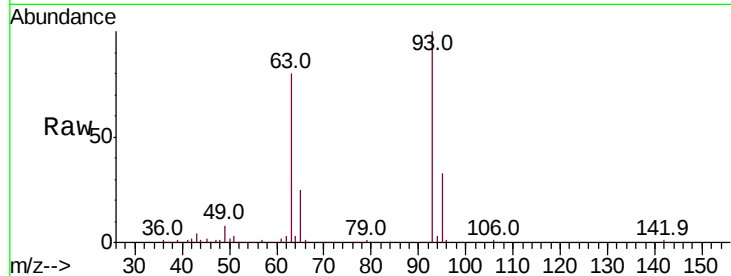
#11
bis(2-Chloroethyl)ether
Concen: 36.703 ng
RT: 6.59 min Scan# 765
Delta R.T. -0.00 min
Lab File: BF114290.D
Acq: 15 May 2019 17:47

Instrument :
BNA_F
ClientSampleId :
PB119740BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	80.5	63.6	103.6
95	33.4	13.1	53.1

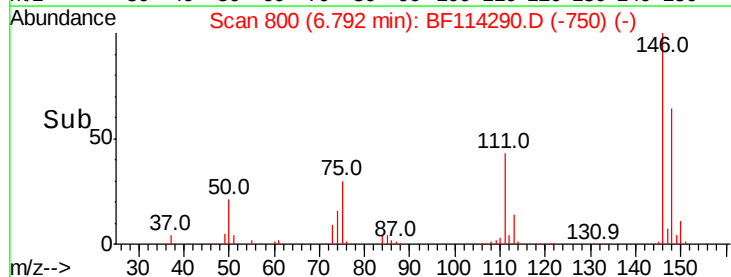
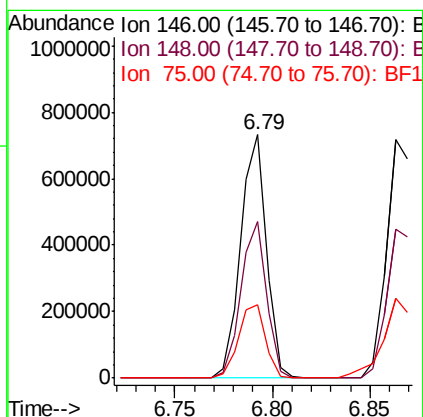
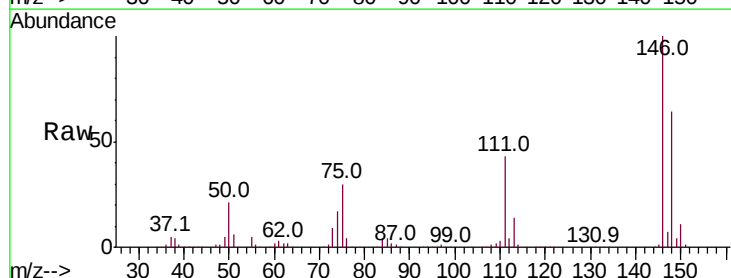
Manual Integrations
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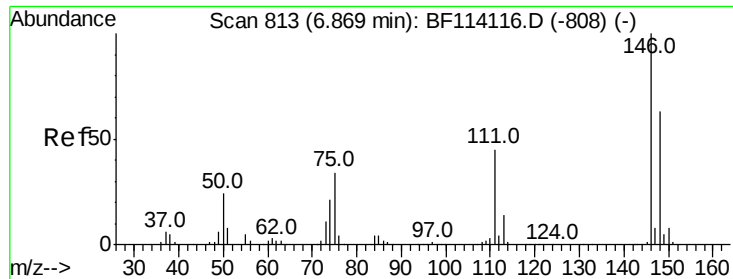
mohammad
5/16/2019 9:51:03 AM



#12
1,3-Dichlorobenzene
Concen: 33.801 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF114290.D
Acq: 15 May 2019 17:47

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.6	77.4
75	30.3	24.2	36.2





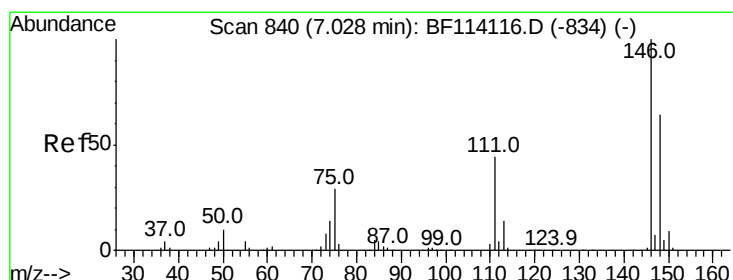
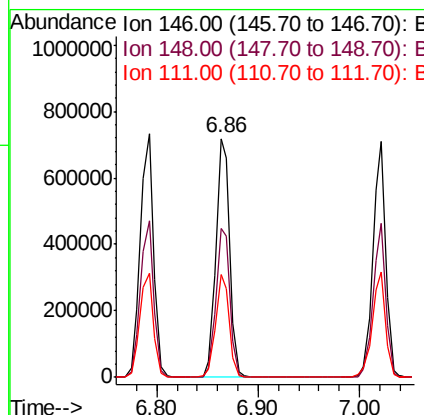
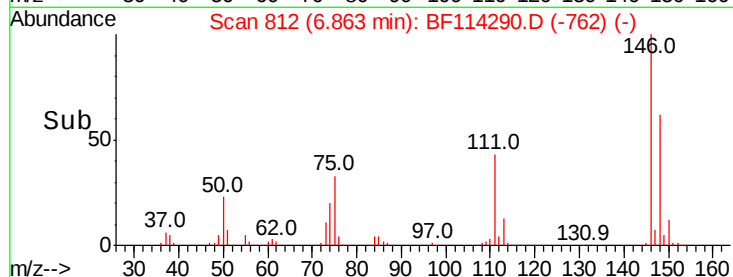
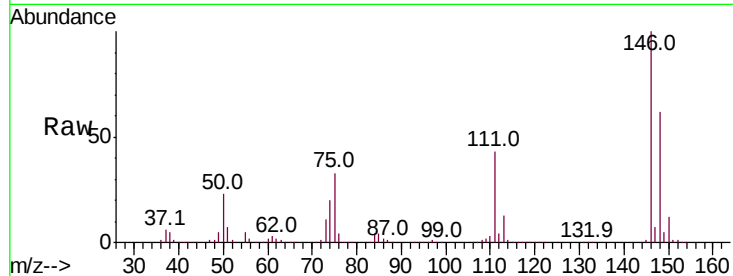
#13
 1,4-Dichlorobenzene
 Concen: 34.057 ng
 RT: 6.86 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BF114290.D
 Acq: 15 May 2019 17:47

Instrument :
 BNA_F
 ClientSampleId :
 PB119740BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.4	50.2	75.2
111	42.8	35.8	53.6

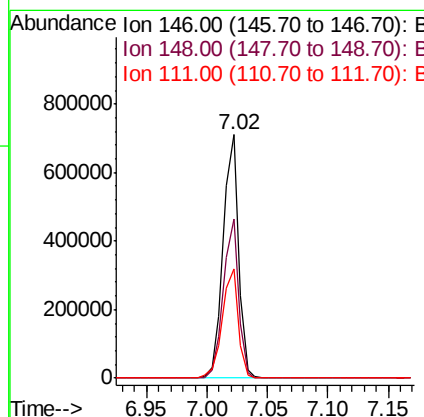
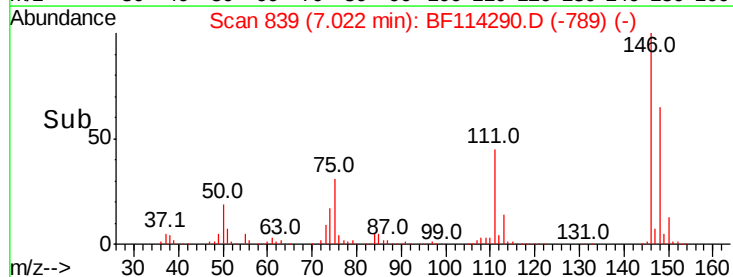
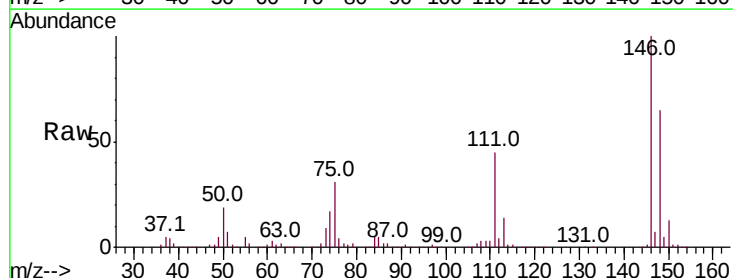
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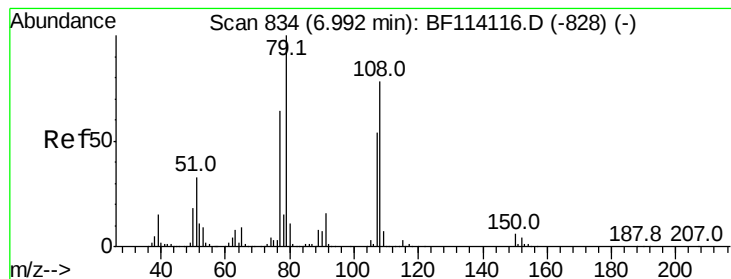
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 34.142 ng
 RT: 7.02 min Scan# 839
 Delta R.T. -0.01 min
 Lab File: BF114290.D
 Acq: 15 May 2019 17:47

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.3	51.1	76.7
111	44.6	35.3	52.9





#15

Benzyl Alcohol

Concen: 35.058 ng

RT: 6.99 min Scan# 834

Delta R.T. -0.00 min

Lab File: BF114290.D

Acq: 15 May 2019 17:47

Instrument :

BNA_F

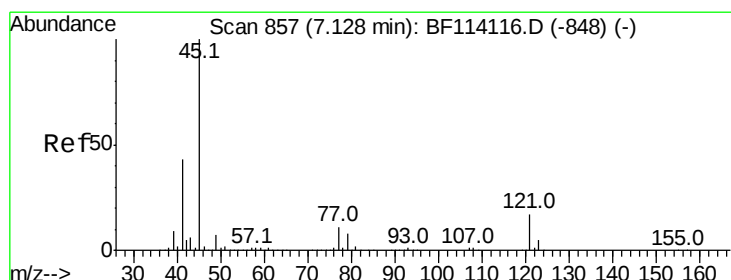
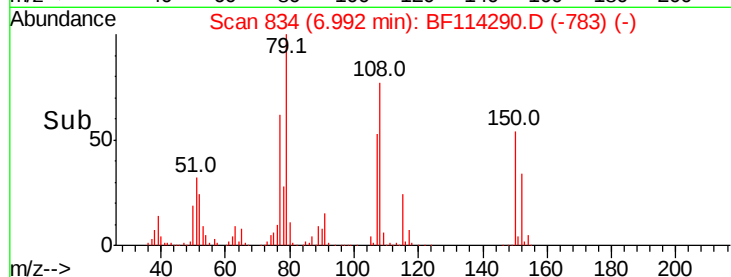
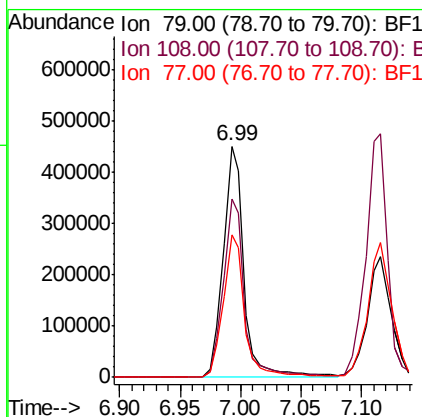
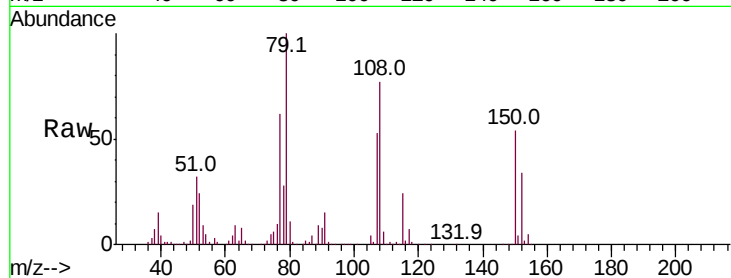
ClientSampleId :

PB119740BS

Tot Ion:	79	Resp:	535409
Ion Ratio	Lower	Upper	
79	100		
108	77.1	62.1	93.1
77	61.7	51.0	76.6

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#16

2,2'-oxybis(1-chloropropane)

Concen: 33.699 ng

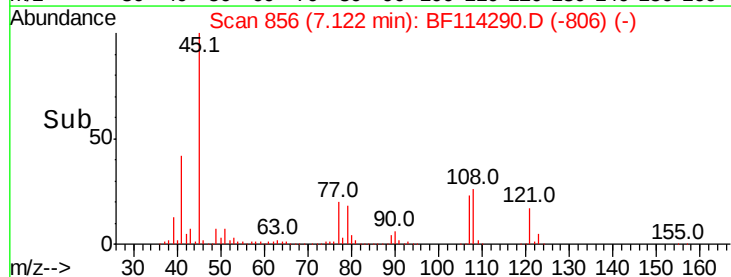
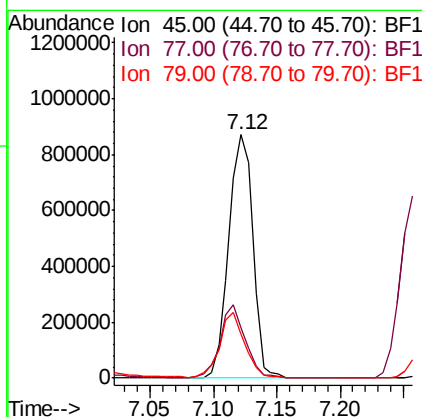
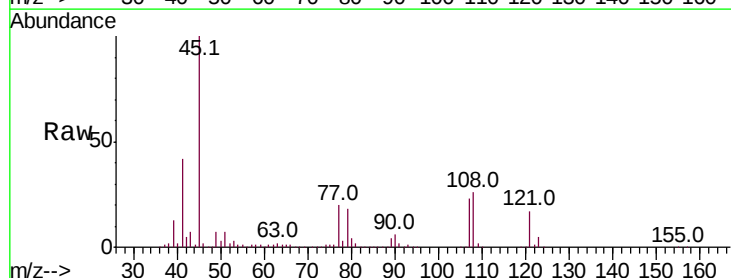
RT: 7.12 min Scan# 856

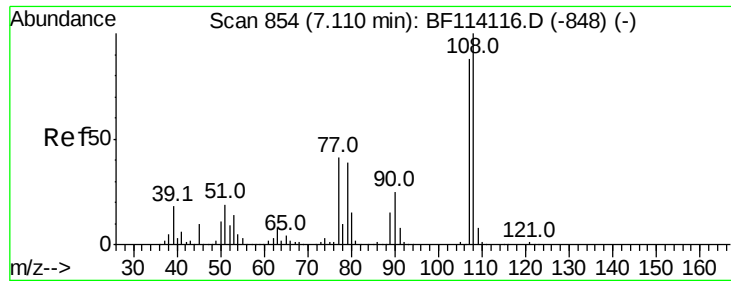
Delta R.T. -0.01 min

Lab File: BF114290.D

Acq: 15 May 2019 17:47

Tgt Ion:	45	Resp:	1142645
Ion Ratio	Lower	Upper	
45	100		
77	20.4	0.0	31.1
79	17.9	0.0	28.4





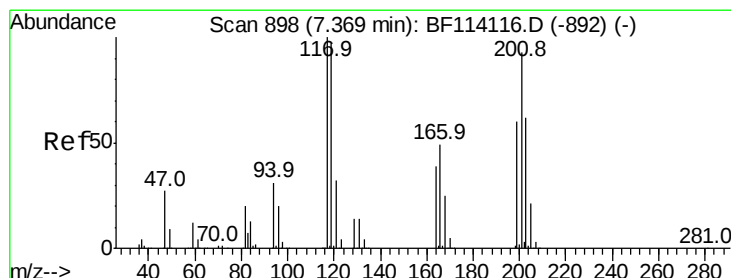
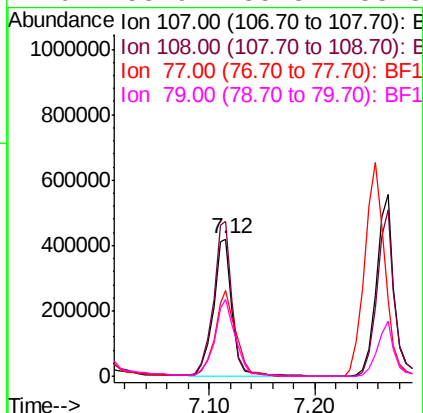
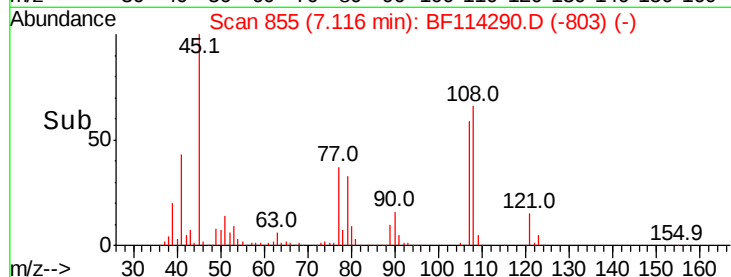
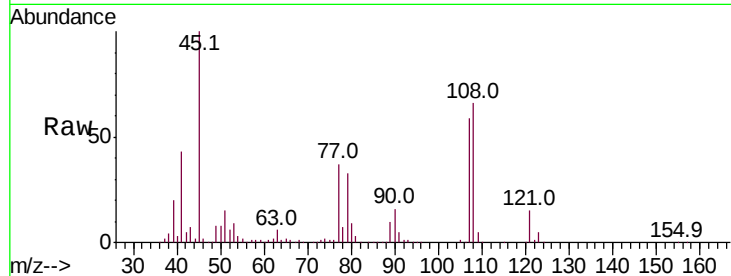
#17
2-Methylphenol
Concen: 36.024 ng
RT: 7.12 min Scan# 855
Delta R.T. 0.01 min
Lab File: BF114290.D
Acq: 15 May 2019 17:47

Instrument :
BNA_F
ClientSampleId :
PB119740BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.2	90.5	135.7	
77	62.5	37.0	55.4	
79	55.9	35.8	53.8	

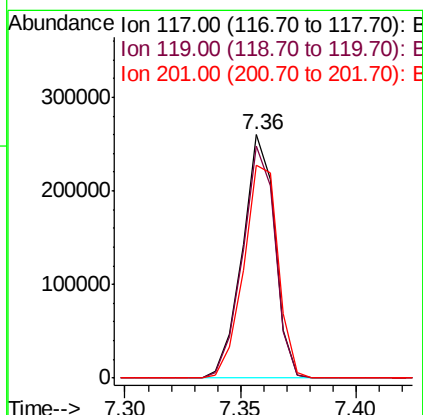
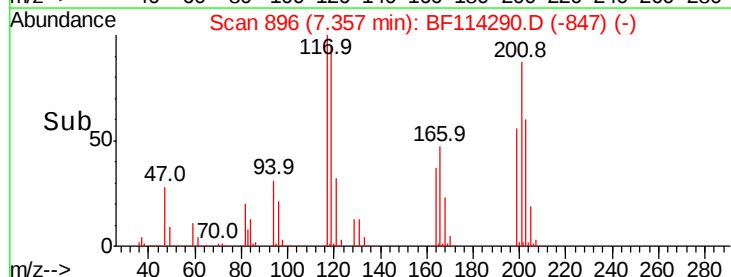
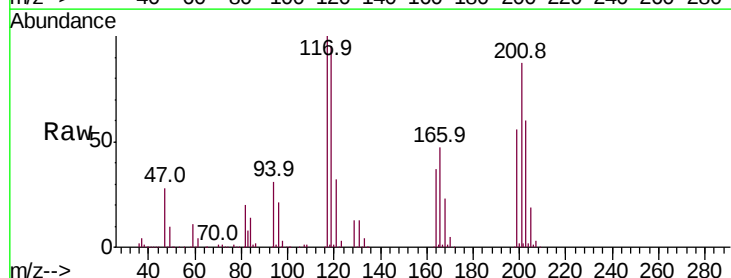
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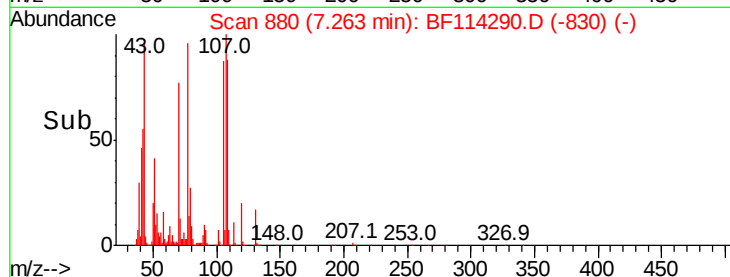
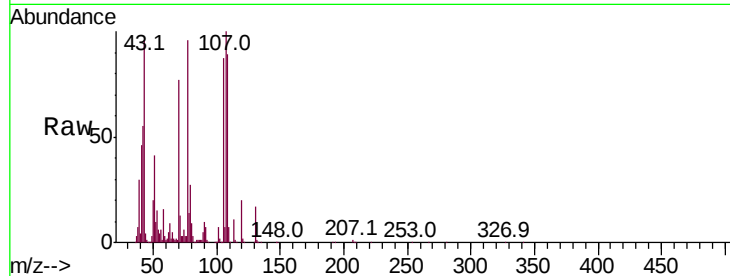
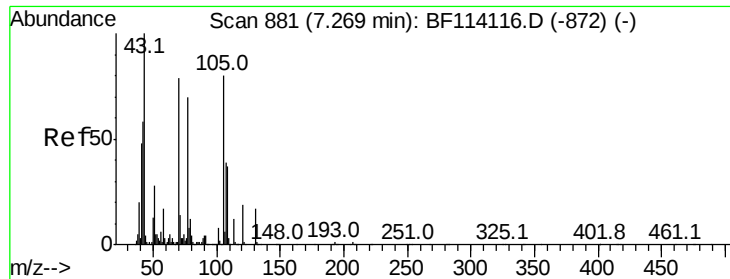
mohammad
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#18
Hexachloroethane
Concen: 33.994 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF114290.D
Acq: 15 May 2019 17:47

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.2	77.4	116.2	
201	87.4	74.5	111.7	





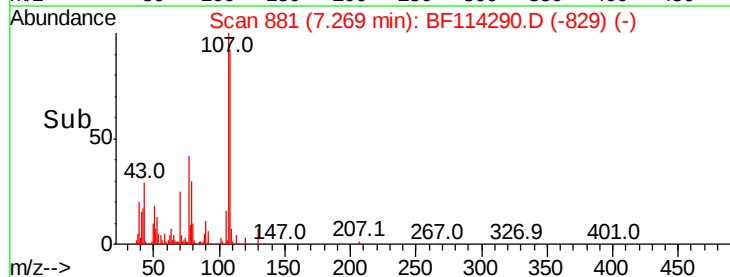
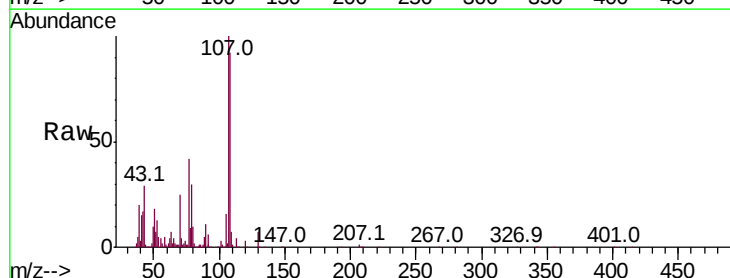
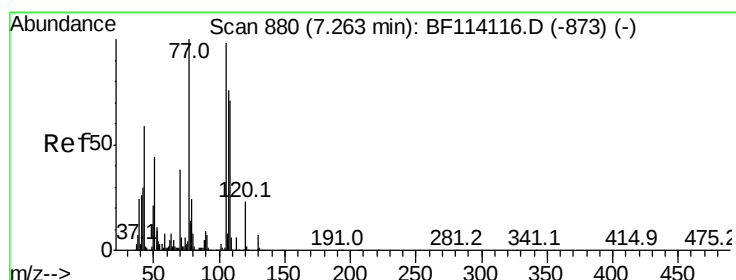
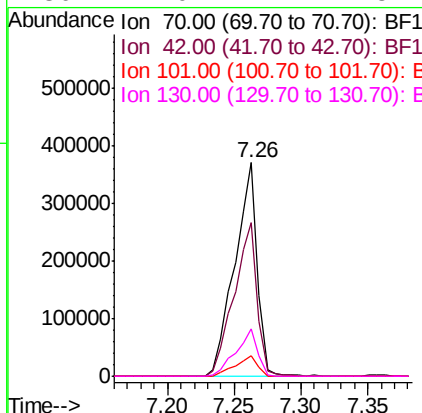
#19
n-Nitroso-di-n-propylamine
Concen: 35.432 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF114290.D
Acq: 15 May 2019 17:47

Instrument :
BNA_F
ClientSampleId :
PB119740BS

Manual Integrations
APPROVED

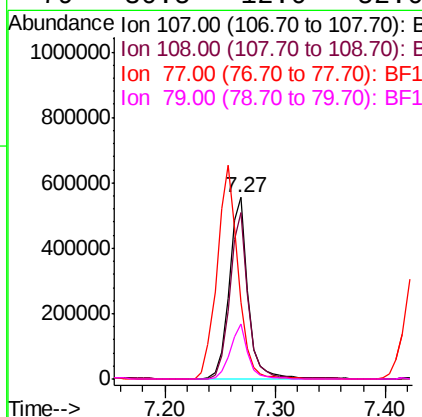
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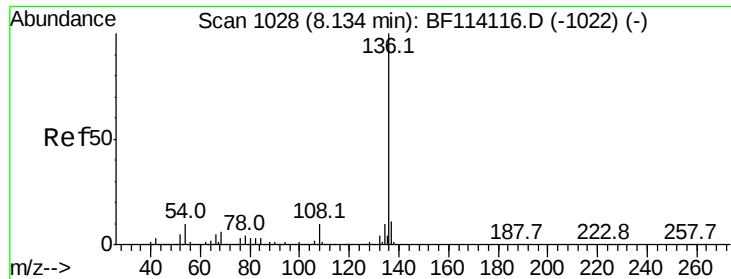
Tot Ion	Ratio	Lower	Upper
70	100		
42	71.7	58.6	87.8
101	9.6	7.8	11.8
130	22.0	17.1	25.7



#20
3+4-Methylphenols
Concen: 38.878 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.01 min
Lab File: BF114290.D
Acq: 15 May 2019 17:47

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.5	73.8	113.8
77	42.4	111.5	151.5#
79	30.5	12.0	52.0





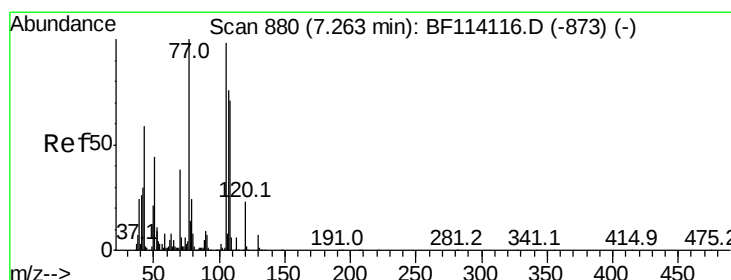
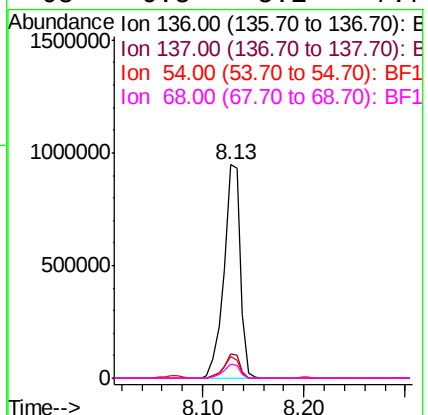
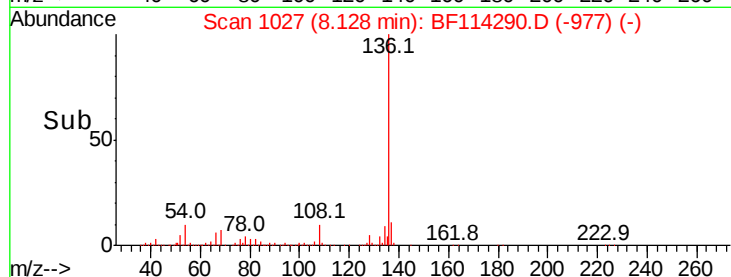
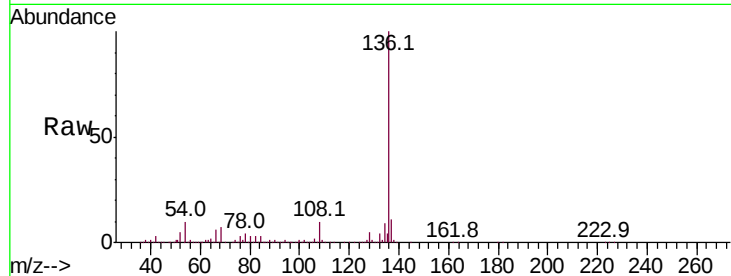
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF114290.D
Acq: 15 May 2019 17:47

Instrument :
BNA_F
ClientSampled :
PB119740BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	1064305		
137	11.4		8.8	13.2
54	10.1		7.8	11.8
68	6.8		5.1	7.7

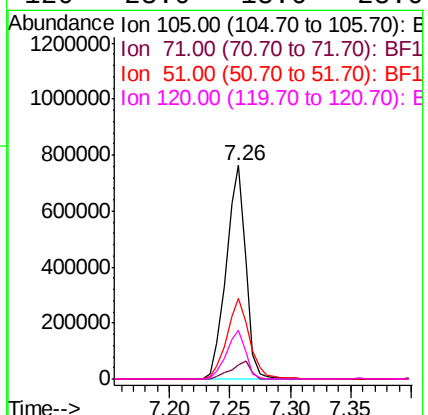
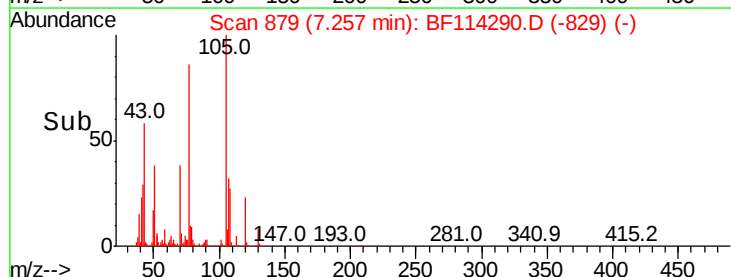
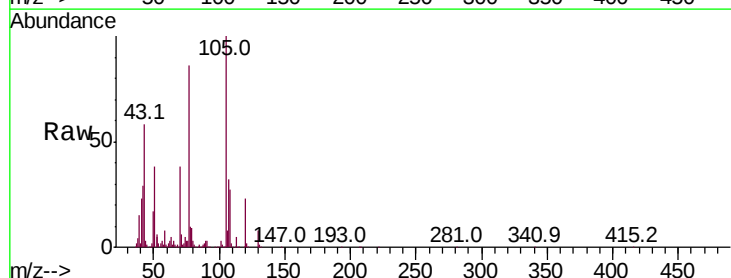
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#22
Acetophenone
Concen: 36.206 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF114290.D
Acq: 15 May 2019 17:47

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	853668		
71	6.4		5.3	7.9
51	37.7		36.2	54.4
120	23.0		18.6	28.0





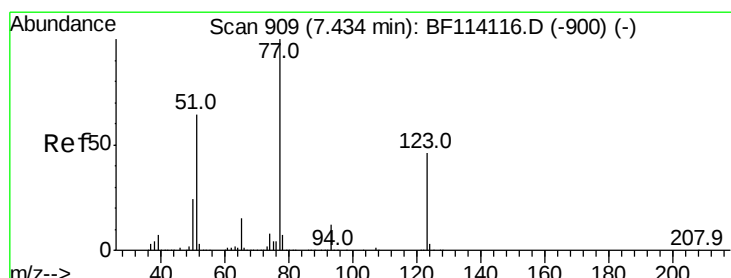
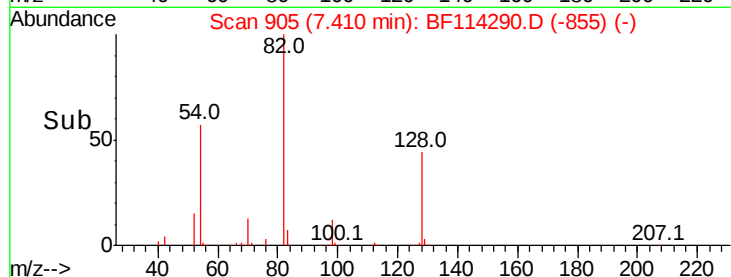
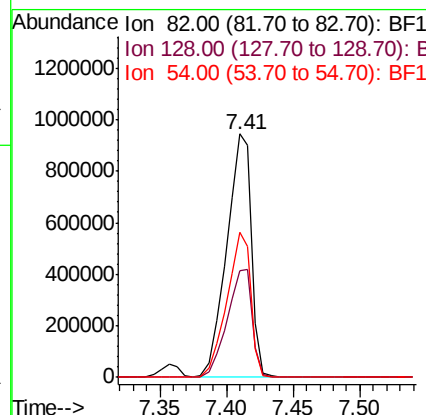
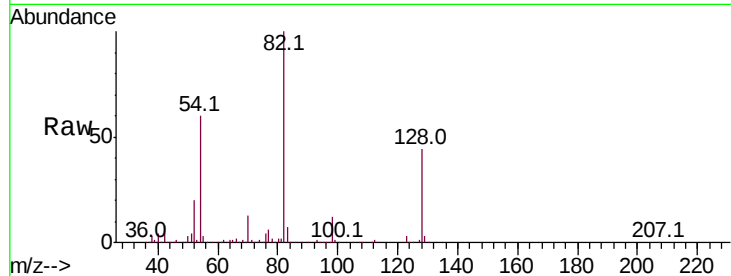
#23
 Nitrobenzene-d5
 Concen: 64.944 ng
 RT: 7.41 min Scan# 905
 Delta R.T. -0.01 min
 Lab File: BF114290.D
 Acq: 15 May 2019 17:47

Instrument :
 BNA_F
 ClientSampleId :
 PB119740BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.1	35.5	53.3
54	59.8	48.5	72.7

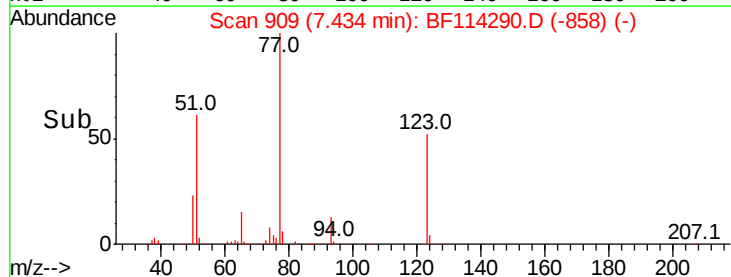
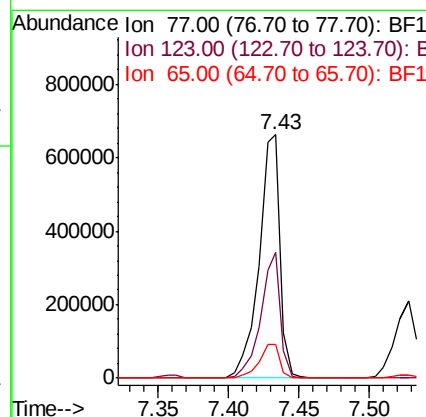
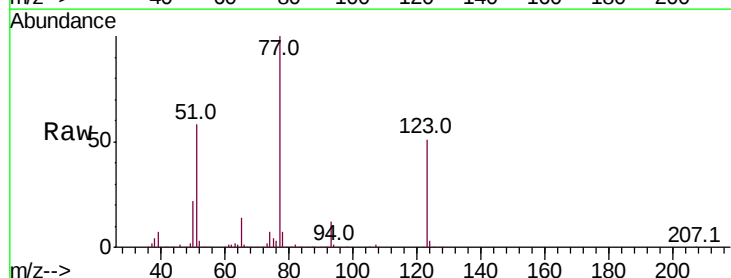
Manual Integrations
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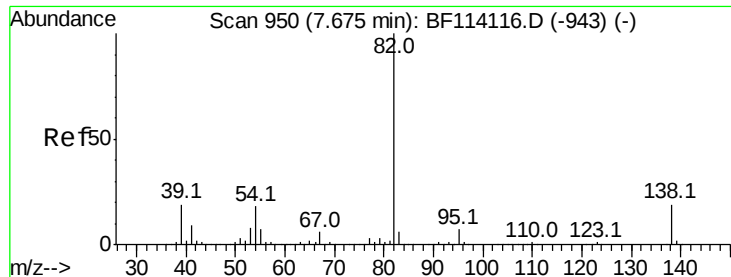
mohammad
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#24
 Nitrobenzene
 Concen: 35.996 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.00 min
 Lab File: BF114290.D
 Acq: 15 May 2019 17:47

Tgt Ion	Ratio	Lower	Upper
77	100		
123	51.5	36.9	55.3
65	13.8	11.8	17.6





#25

Isophorone

Concen: 35.728 ng

RT: 7.67 min Scan# 949

Delta R.T. -0.01 min

Lab File: BF114290.D

Acq: 15 May 2019 17:47

Instrument :

BNA_F

ClientSampleId :

PB119740BS

Tot Ion: 82 Resp: 1256614

Ion Ratio Lower Upper

82 100

95 6.7 5.6 8.4

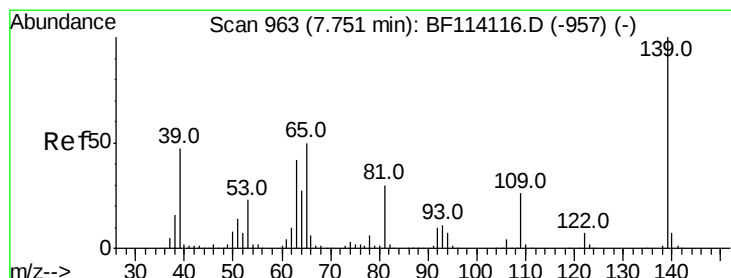
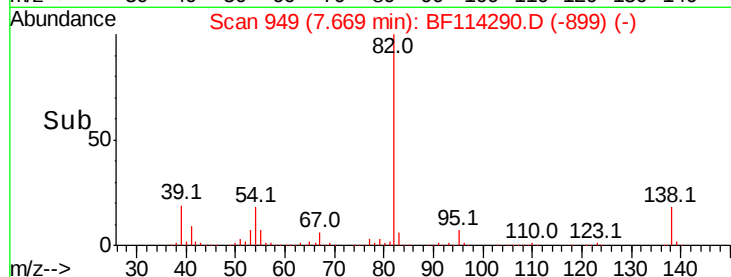
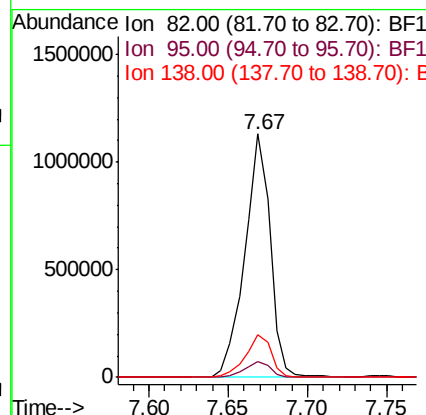
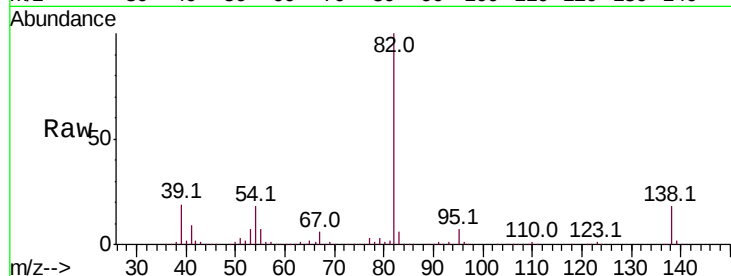
138 17.7 14.8 22.2

Manual Integrations

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#26

2-Nitrophenol

Concen: 38.403 ng

RT: 7.75 min Scan# 963

Delta R.T. -0.00 min

Lab File: BF114290.D

Acq: 15 May 2019 17:47

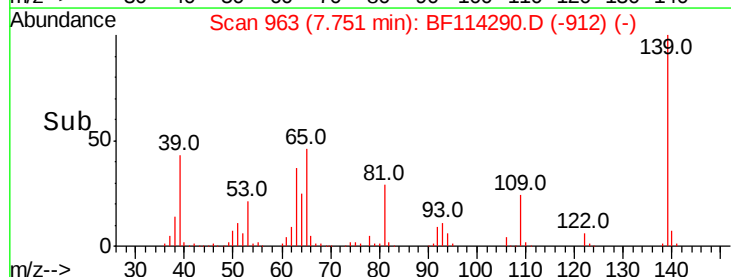
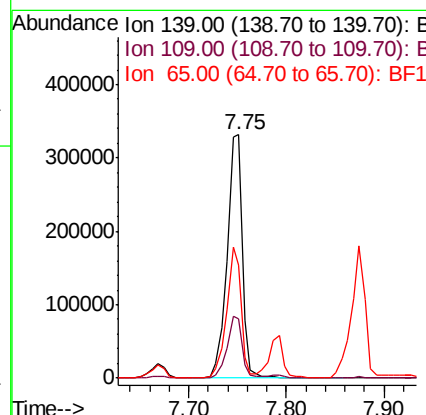
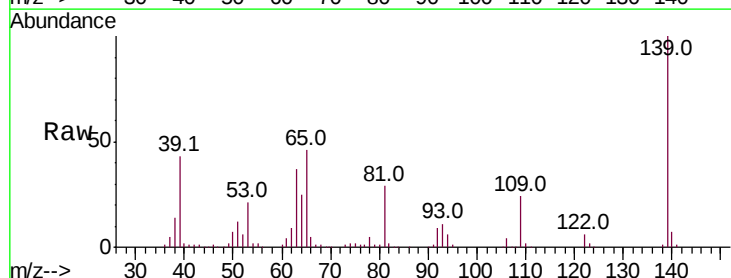
Tgt Ion: 139 Resp: 359889

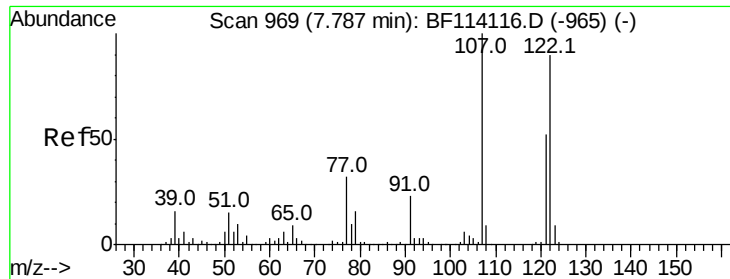
Ion Ratio Lower Upper

139 100

109 24.2 20.7 31.1

65 46.3 40.2 60.2





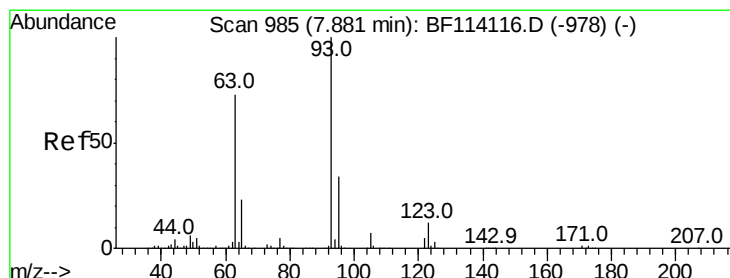
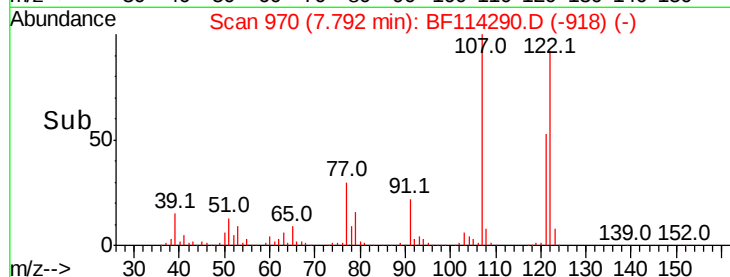
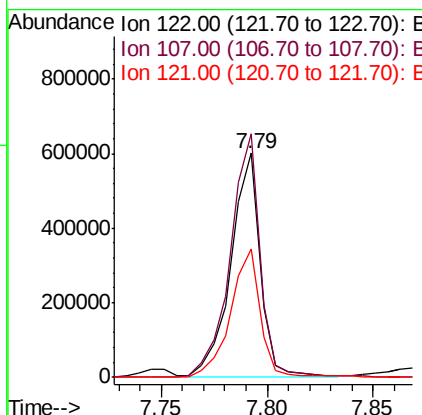
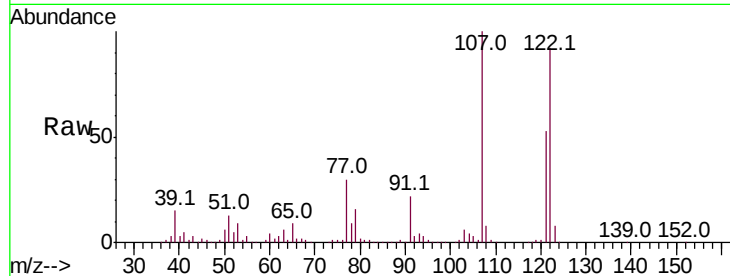
#27
2,4-Dimethylphenol
Concen: 39.264 ng
RT: 7.79 min Scan# 970
Delta R.T. 0.01 min
Lab File: BF114290.D
Acq: 15 May 2019 17:47

Instrument :
BNA_F
ClientSampleId :
PB119740BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	108.5	88.4	132.6
121	57.0	45.9	68.9

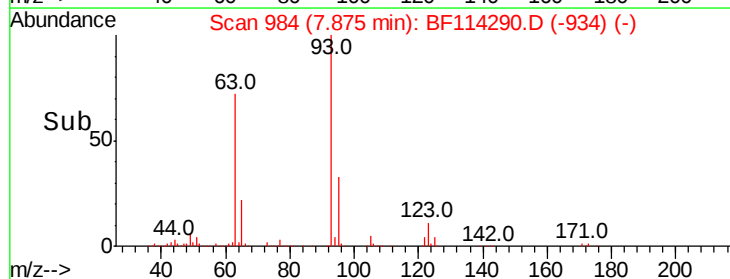
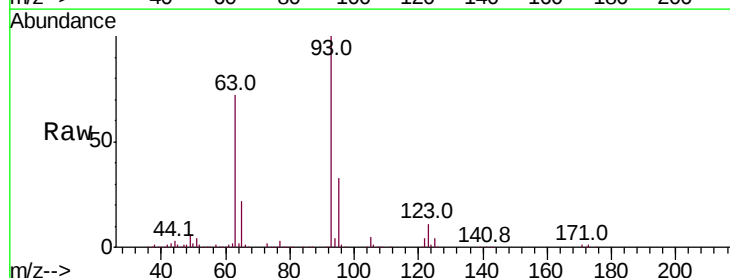
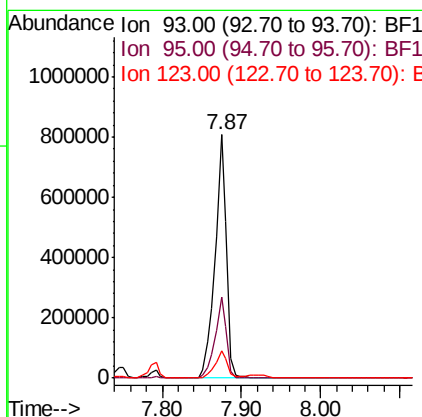
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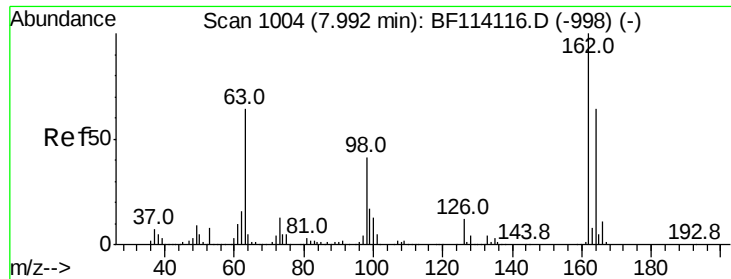
mohammad
5/16/2019 9:51:03 AM



#28
bis(2-Chloroethoxy)methane
Concen: 35.385 ng
RT: 7.87 min Scan# 984
Delta R.T. -0.01 min
Lab File: BF114290.D
Acq: 15 May 2019 17:47

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.1	26.8	40.2
123	11.3	9.5	14.3





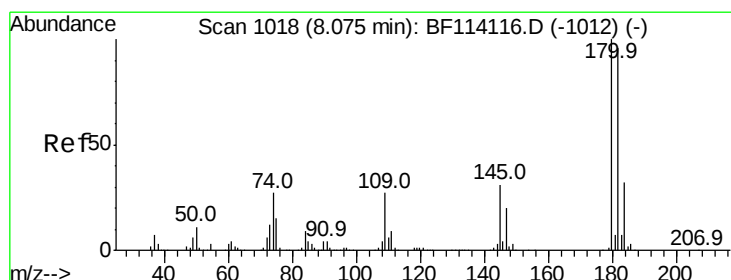
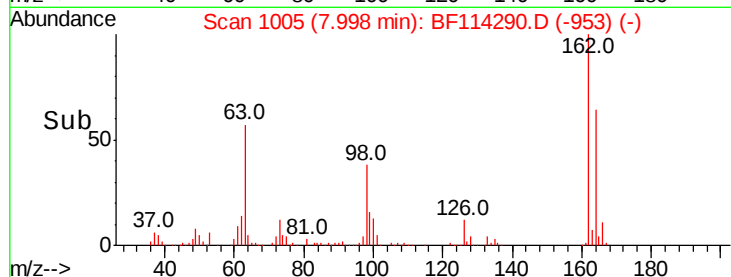
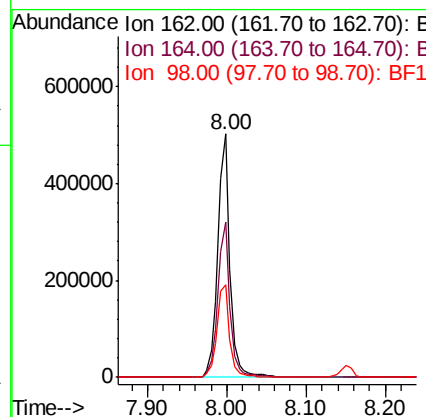
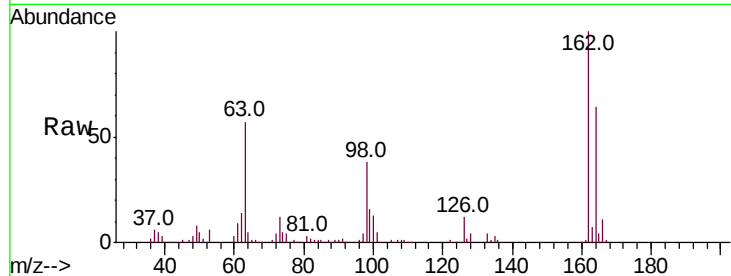
#29
2,4-Dichlorophenol
Concen: 36.497 ng
RT: 8.00 min Scan# 1005
Delta R.T. 0.01 min
Lab File: BF114290.D
Acq: 15 May 2019 17:47

Instrument :
BNA_F
ClientSampleId :
PB119740BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
164	63.5	43.6	83.6	
98	38.0	20.6	60.6	

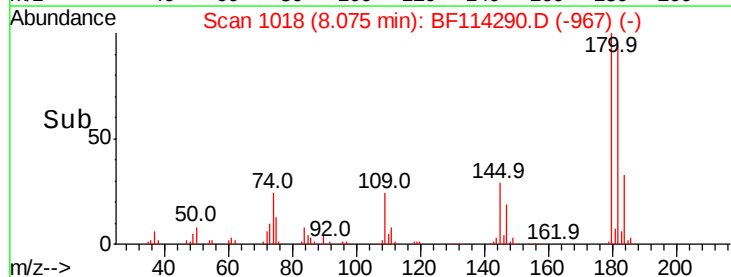
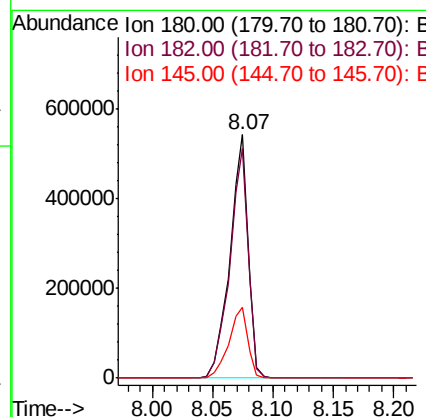
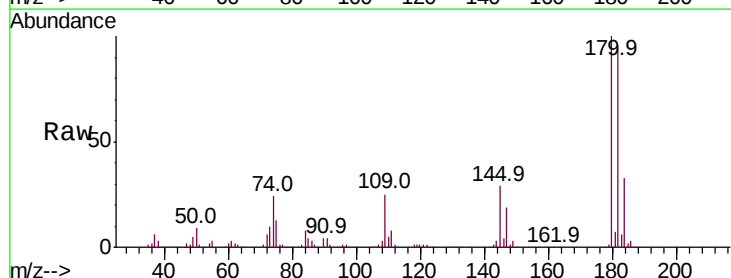
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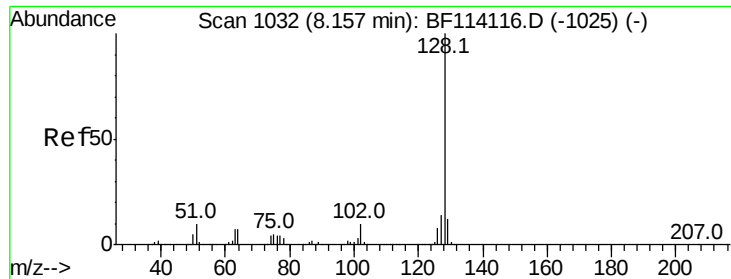
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 33.943 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BF114290.D
Acq: 15 May 2019 17:47

Tgt Ion	Ratio	Resp	Lower	Upper
180	100			
182	94.4	76.6	114.8	
145	29.3	25.1	37.7	





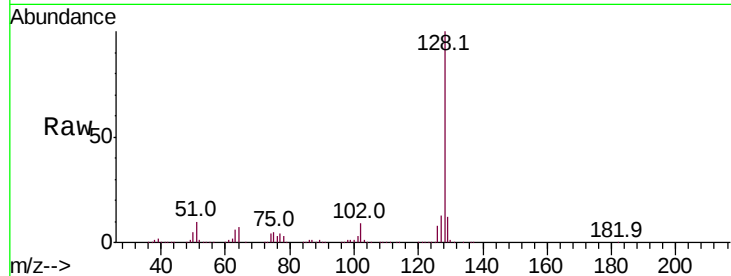
#31
Naphthalene
Concen: 36.559 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF114290.D
Acq: 15 May 2019 17:47

Instrument :
BNA_F
ClientSampleId :
PB119740BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.6	14.4
127	13.4	11.3	16.9

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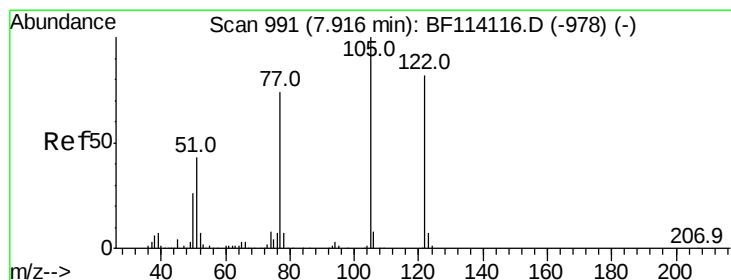
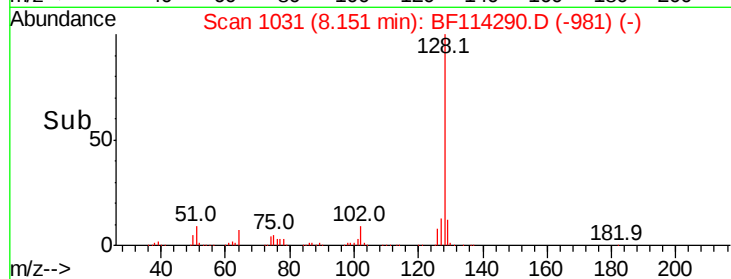
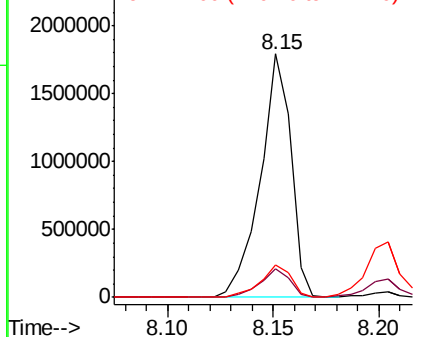


Abundance

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: 34.795 ng
RT: 7.93 min Scan# 993
Delta R.T. 0.01 min
Lab File: BF114290.D
Acq: 15 May 2019 17:47

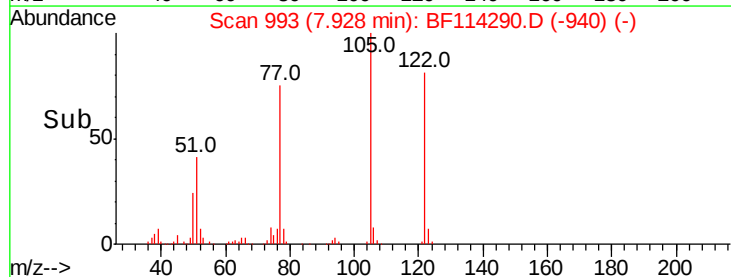
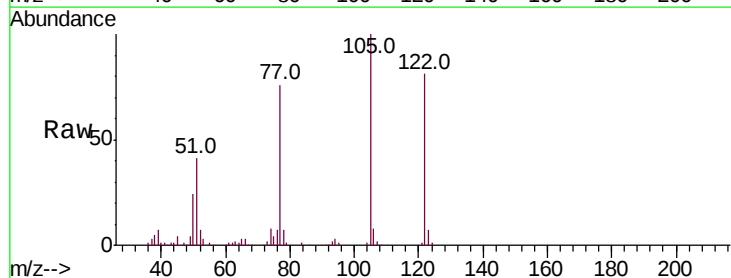
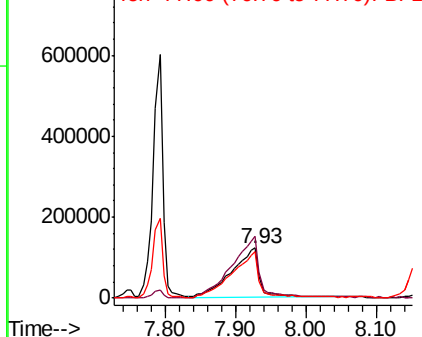
Tgt Ion	Ratio	Lower	Upper
122	100		
105	123.6	99.9	139.9
77	93.7	69.4	109.4

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





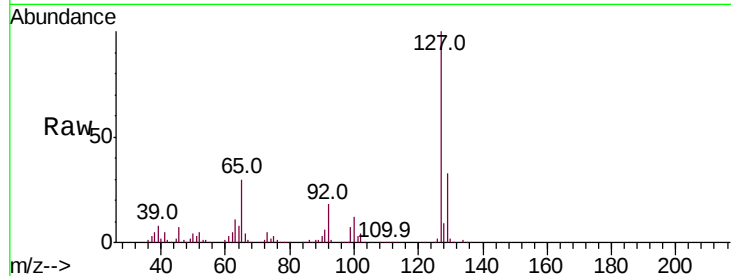
#33
4-Chloroaniline
Concen: 22.166 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.00 min
Lab File: BF114290.D
Acq: 15 May 2019 17:47

Instrument :
BNA_F
ClientSampleId :
PB119740BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	33.1	26.7	40.1	
65	30.1	25.4	38.0	
92	18.1	15.4	23.2	

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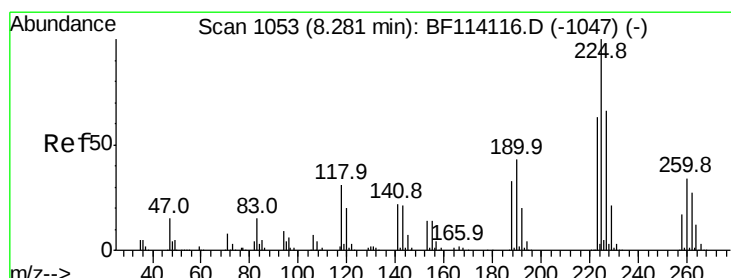
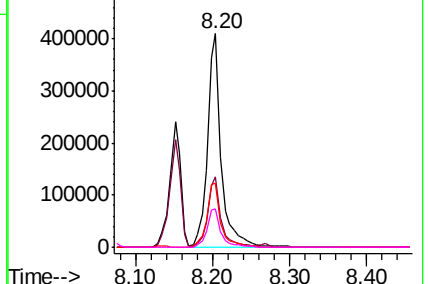
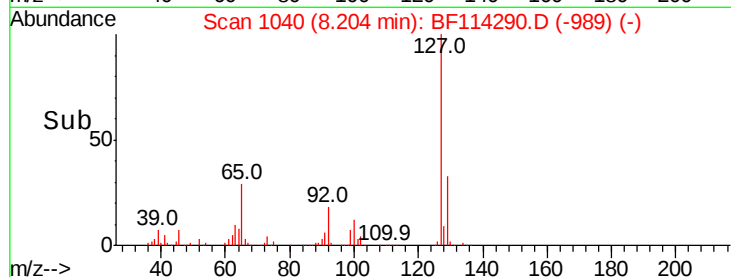
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

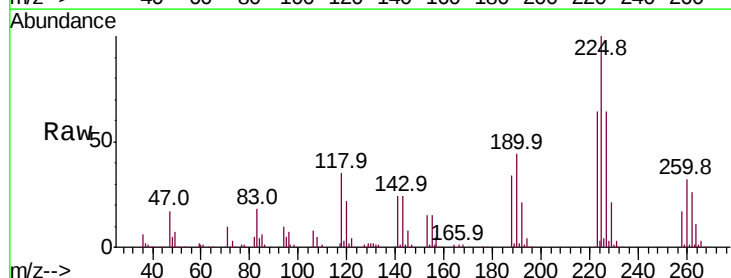
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 32.801 ng
RT: 8.27 min Scan# 1051
Delta R.T. -0.01 min
Lab File: BF114290.D
Acq: 15 May 2019 17:47

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.6	50.2	75.2	
227	63.8	52.6	79.0	

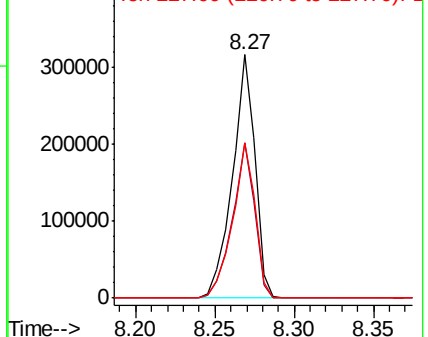
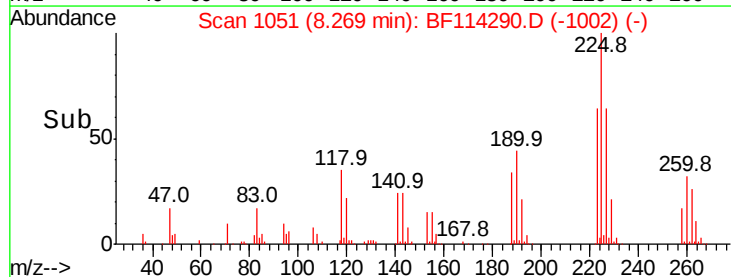


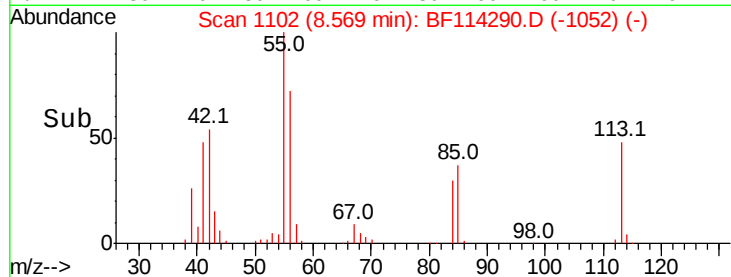
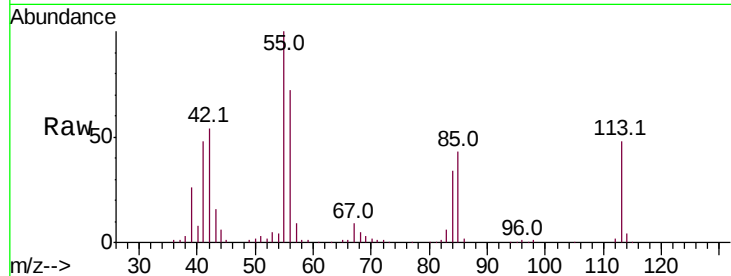
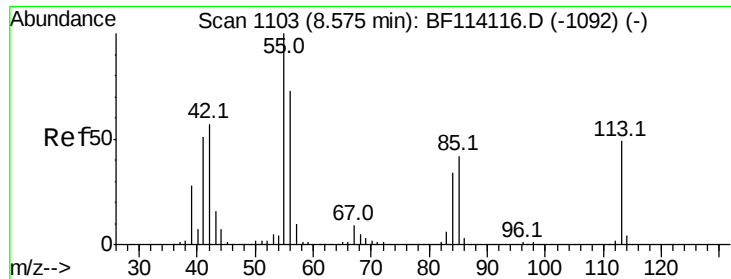
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





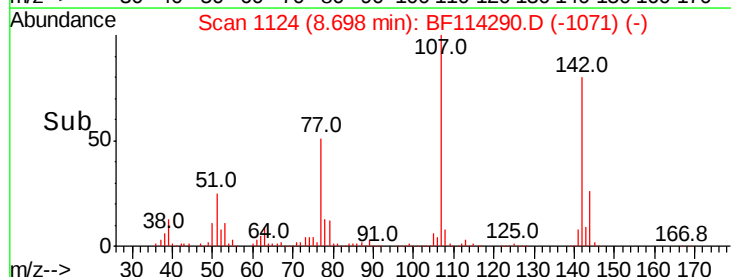
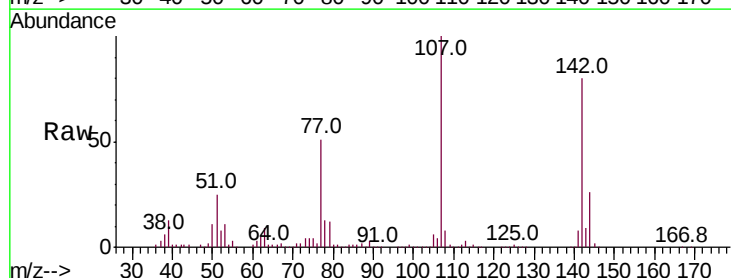
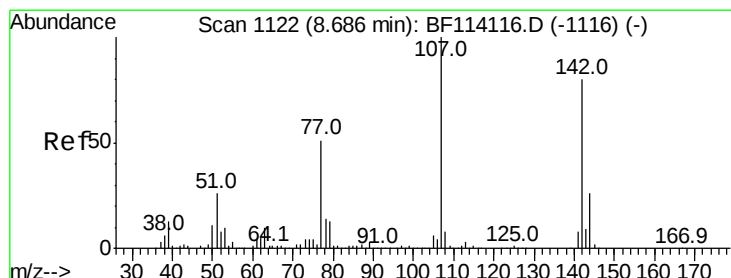
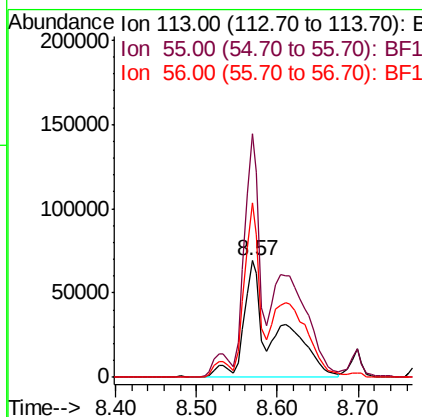
#35
Caprolactam
Concen: 39.974 ng/ml
RT: 8.57 min Scan# 1102
Delta R.T. -0.01 min
Lab File: BF114290.D
Acq: 15 May 2019 17:47

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
55	209.1	183.5	223.5	
56	149.6	128.8	168.8	

Instrument :
BNA_F
ClientSampleId :
PB119740BS

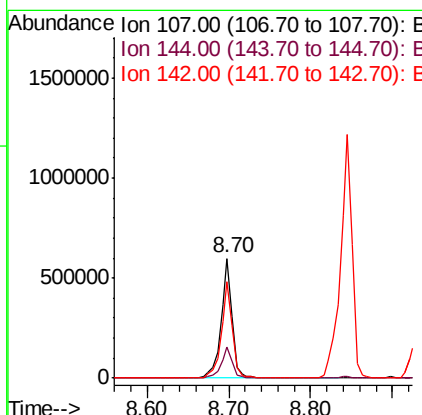
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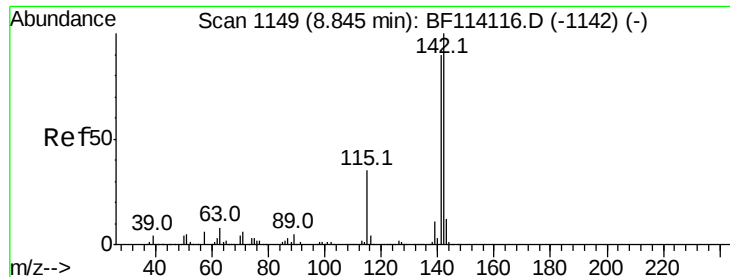
mohammad
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#36
4-Chloro-3-methylphenol
Concen: 38.421 ng/ml
RT: 8.70 min Scan# 1124
Delta R.T. 0.01 min
Lab File: BF114290.D
Acq: 15 May 2019 17:47

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
144	26.0	20.4	30.6	
142	80.4	64.2	96.4	





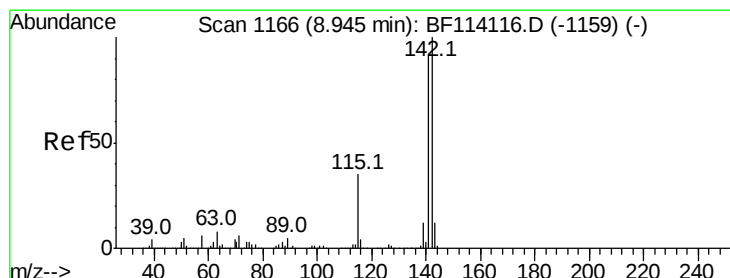
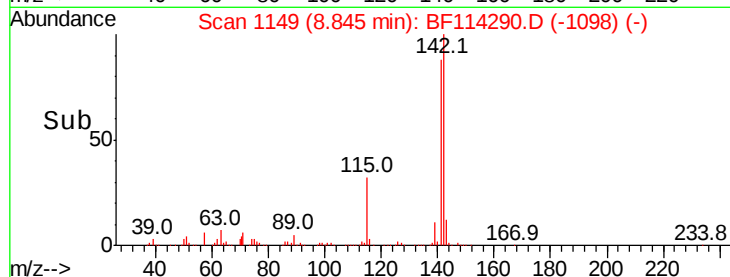
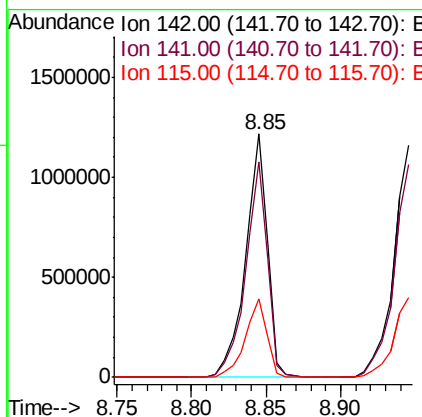
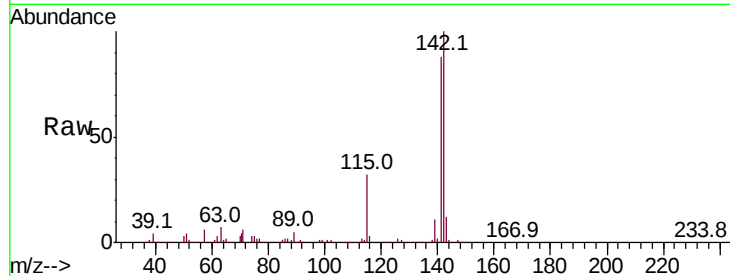
#37
2-Methylnaphthalene
Concen: 38.136 ng
RT: 8.85 min Scan# 1149
Delta R.T. -0.00 min
Lab File: BF114290.D
Acq: 15 May 2019 17:47

Instrument :
BNA_F
ClientSampleId :
PB119740BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.3	72.1	108.1
115	32.5	28.0	42.0

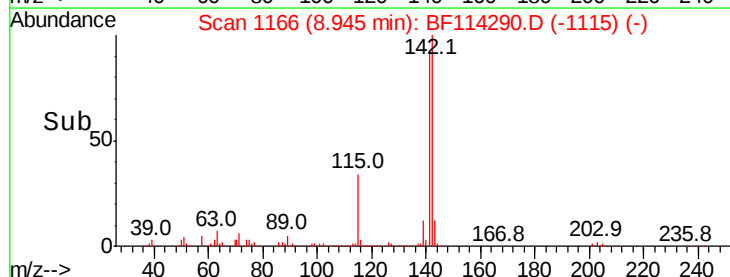
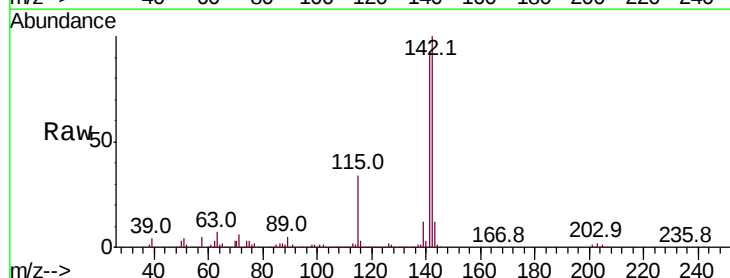
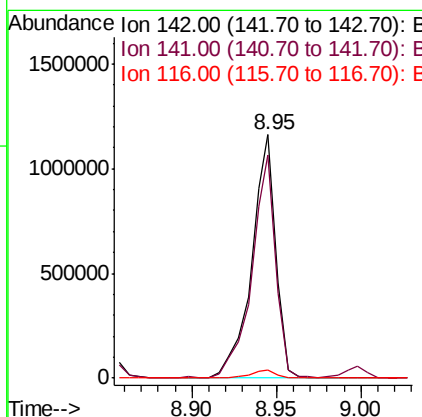
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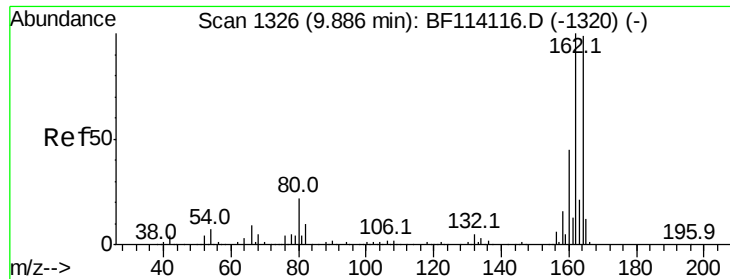
mohammad
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#38
1-Methylnaphthalene
Concen: 38.232 ng
RT: 8.95 min Scan# 1166
Delta R.T. -0.00 min
Lab File: BF114290.D
Acq: 15 May 2019 17:47

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.8	73.4	110.0
116	3.5	3.1	4.7





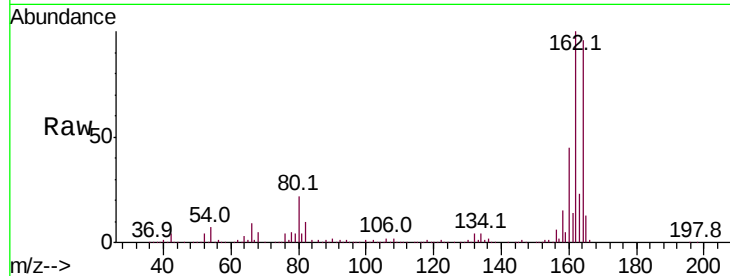
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BF114290.D
Acq: 15 May 2019 17:47

Instrument :
BNA_F
ClientSampleId :
PB119740BS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	104.1	80.6	120.8	
160	46.4	36.5	54.7	

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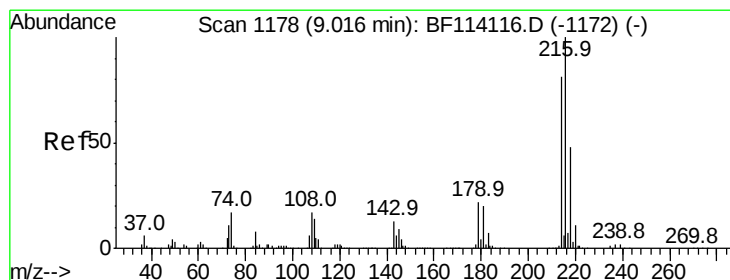
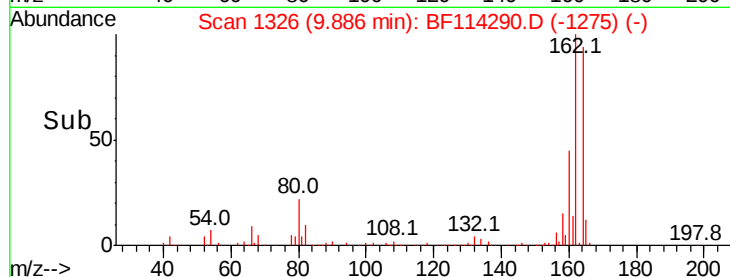
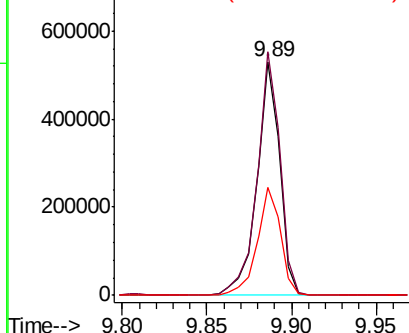


Abundance

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: 35.832 ng
RT: 9.02 min Scan# 1178
Delta R.T. -0.00 min
Lab File: BF114290.D
Acq: 15 May 2019 17:47

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.2	63.9	95.9	
179	20.6	17.0	25.6	
108	19.5	14.8	22.2	

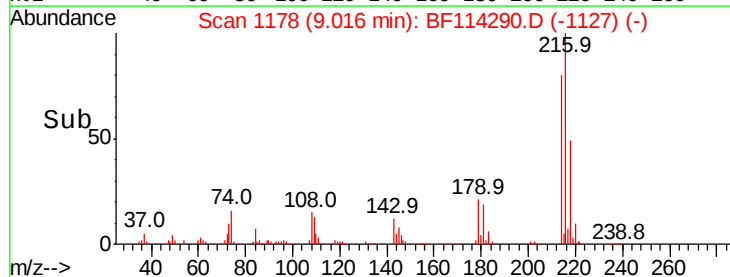
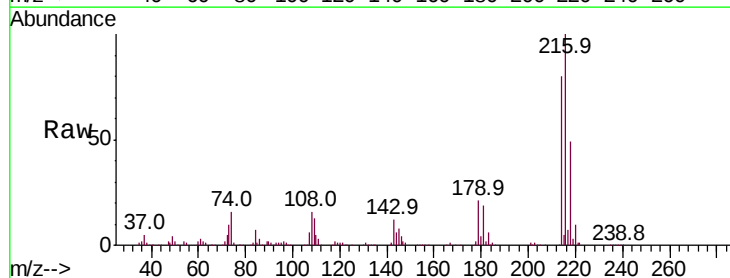
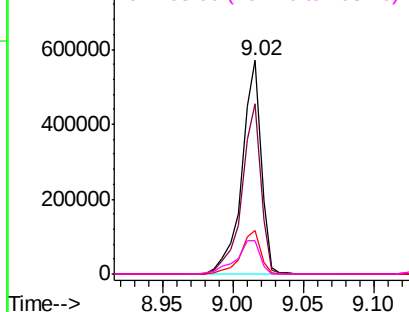
Abundance

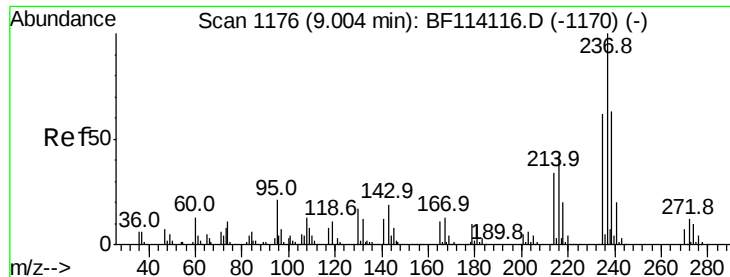
Ion 216.00 (215.70 to 216.70): E

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: 54.897 ng

RT: 9.00 min Scan# 1175

Delta R.T. -0.01 min

Lab File: BF114290.D

Acq: 15 May 2019 17:47

Instrument :

BNA_F

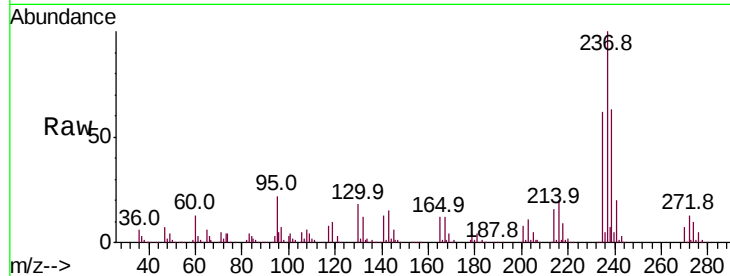
ClientSampleId :

PB119740BS

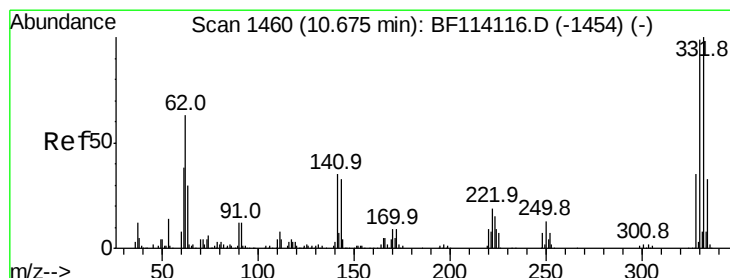
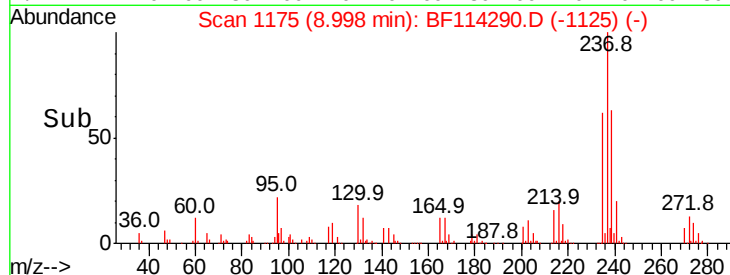
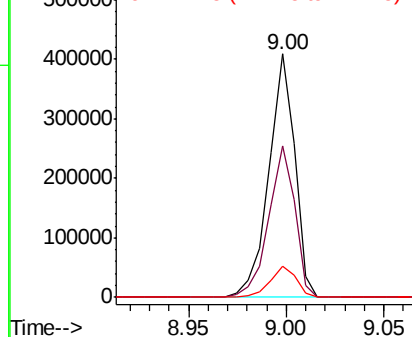
Tot Ion	Ratio	Resp	Lower	Upper
237	100	376757		
235	61.9	42.0	82.0	
272	13.0	0.0	32.4	

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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: 103.123 ng

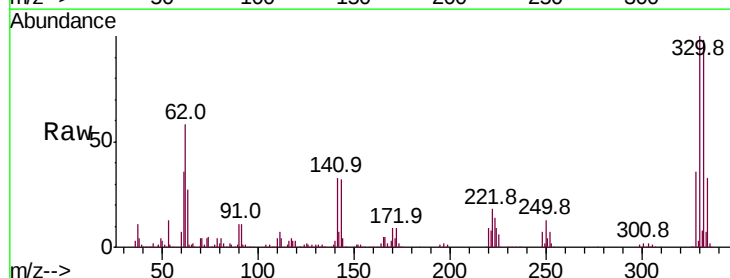
RT: 10.68 min Scan# 1461

Delta R.T. 0.01 min

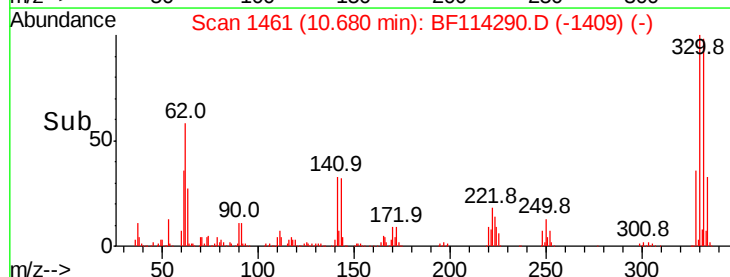
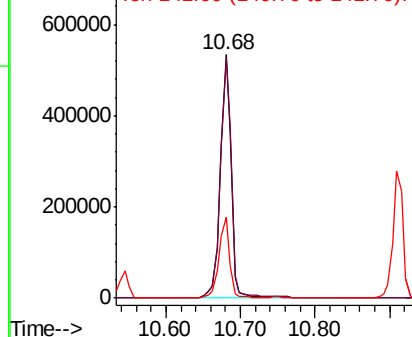
Lab File: BF114290.D

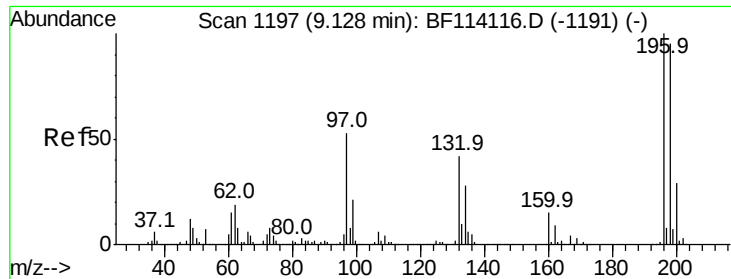
Acq: 15 May 2019 17:47

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	532361		
332	100.1	81.4	122.2	
141	32.4	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





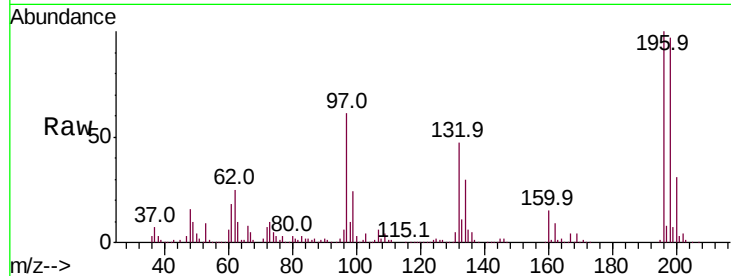
#43
 2,4,6-Trichlorophenol
 Concen: 34.244 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.00 min
 Lab File: BF114290.D
 Acq: 15 May 2019 17:47

Instrument :
 BNA_F
 ClientSampleId :
 PB119740BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	356284		
198	96.6	75.9	113.9	
200	30.9	23.5	35.3	

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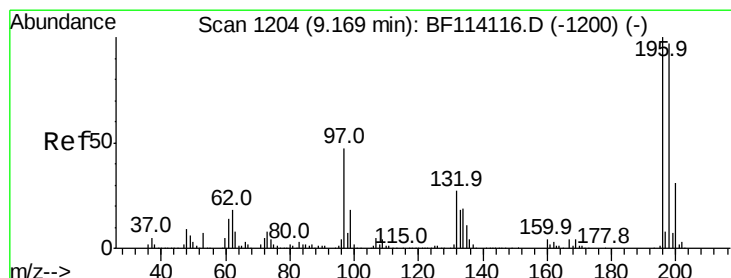
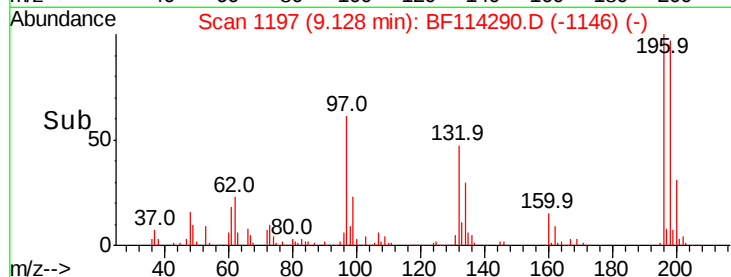
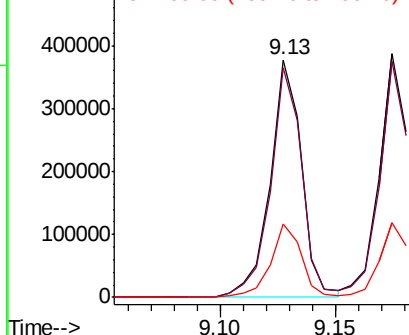


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 34.986 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.01 min
 Lab File: BF114290.D
 Acq: 15 May 2019 17:47

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	373302		
198	96.8	77.7	116.5	
97	52.5	38.2	57.2	
132	29.4	21.4	32.2	

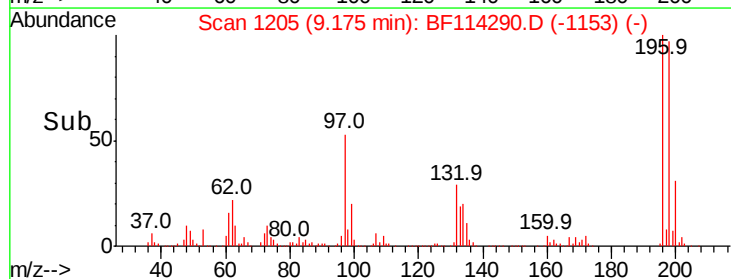
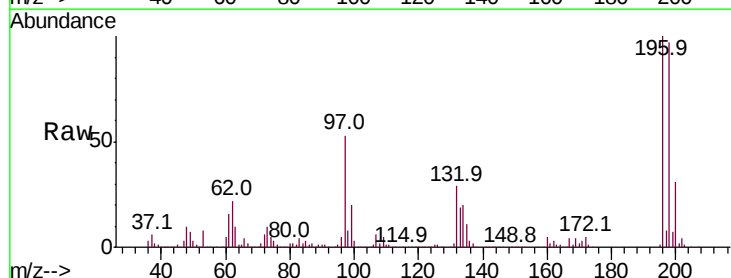
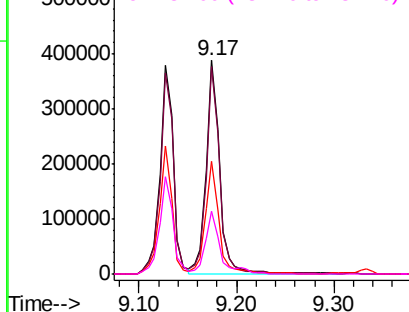
Abundance

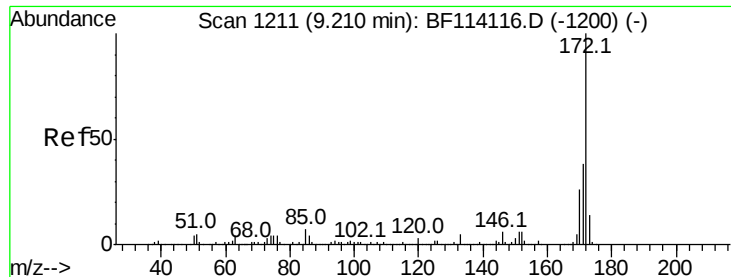
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E





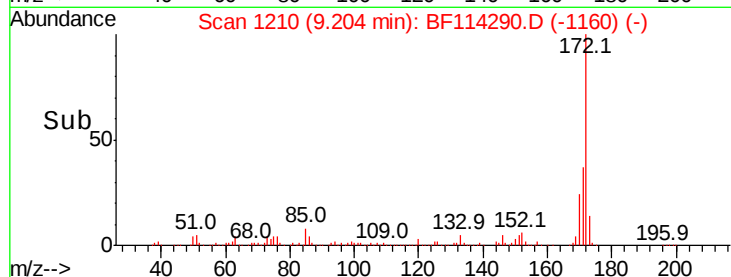
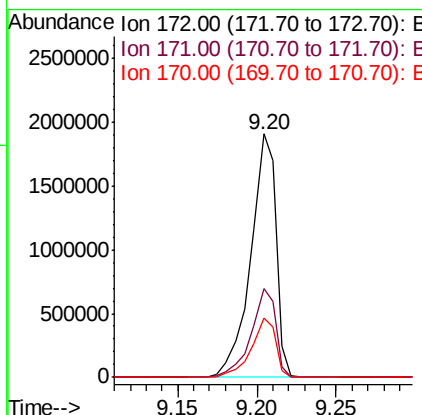
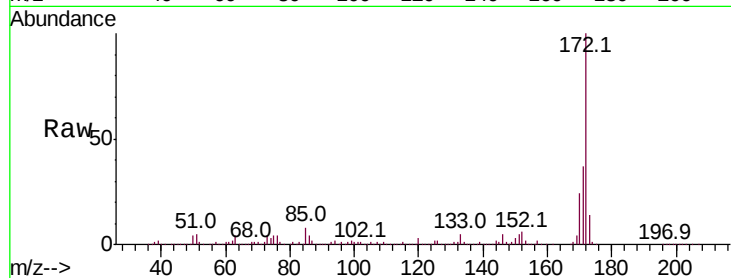
#45
2-Fluorobiphenyl
Concen: 64.062 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF114290.D
Acq: 15 May 2019 17:47

Instrument :
BNA_F
ClientSampleId :
PB119740BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.6	30.7	46.1
170	24.5	20.5	30.7

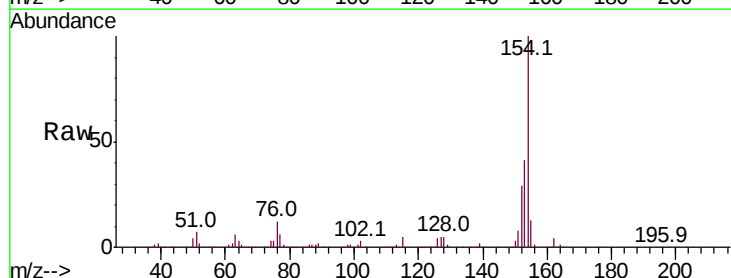
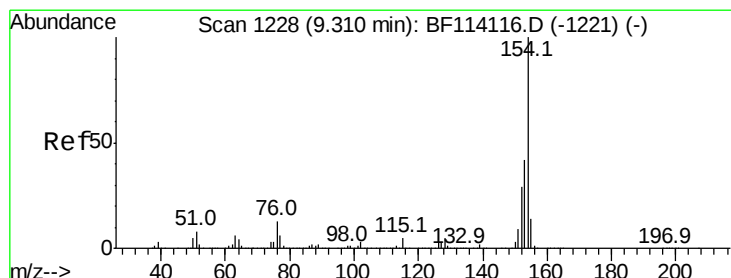
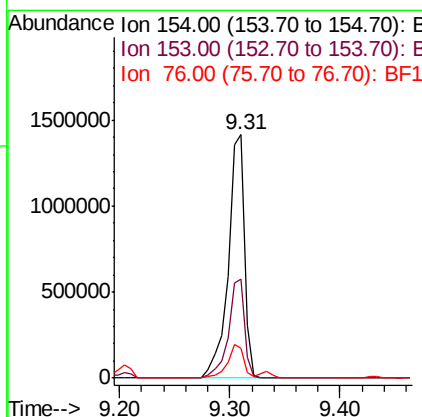
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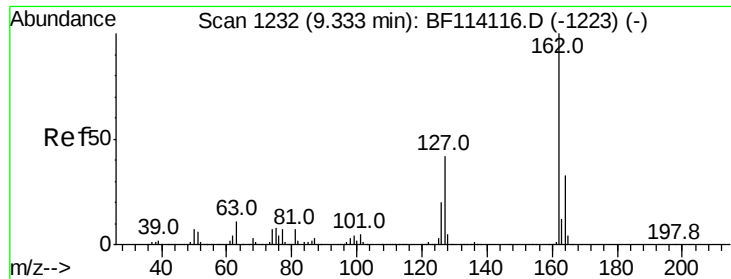
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#46
1,1'-Biphenyl
Concen: 36.183 ng
RT: 9.31 min Scan# 1228
Delta R.T. -0.00 min
Lab File: BF114290.D
Acq: 15 May 2019 17:47

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.5	21.9	61.9
76	12.3	0.0	32.8





#47

2-Chloronaphthalene

Concen: 34.339 ng

RT: 9.33 min Scan# 1232

Delta R.T. -0.00 min

Lab File: BF114290.D

Acq: 15 May 2019 17:47

Instrument :

BNA_F

ClientSampleId :

PB119740BS

Tot Ion:162 Resp: 1114820

Ion Ratio Lower Upper

162 100

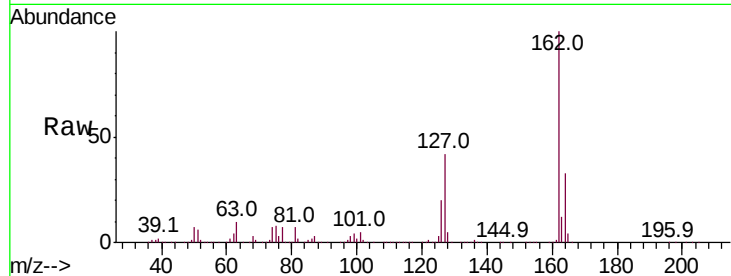
127 42.1 34.0 51.0

164 33.4 26.7 40.1

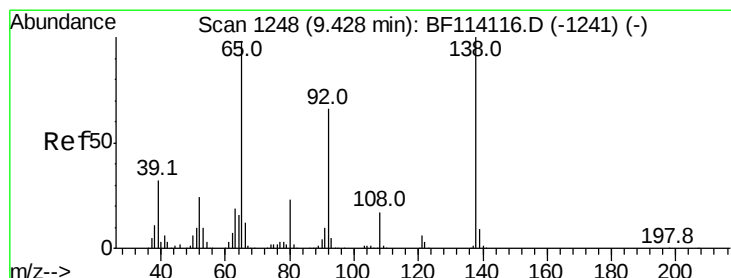
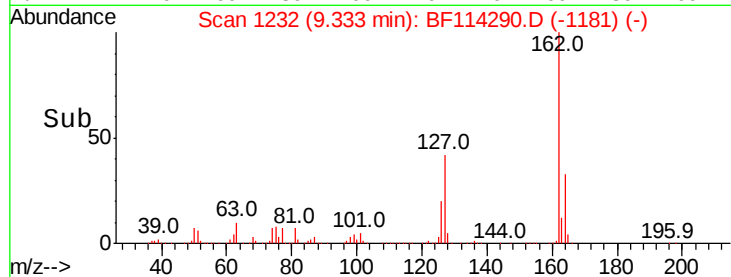
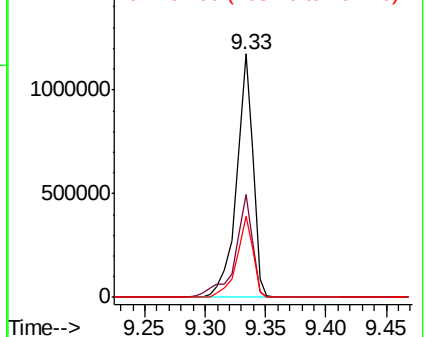
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Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 34.463 ng

RT: 9.43 min Scan# 1249

Delta R.T. 0.01 min

Lab File: BF114290.D

Acq: 15 May 2019 17:47

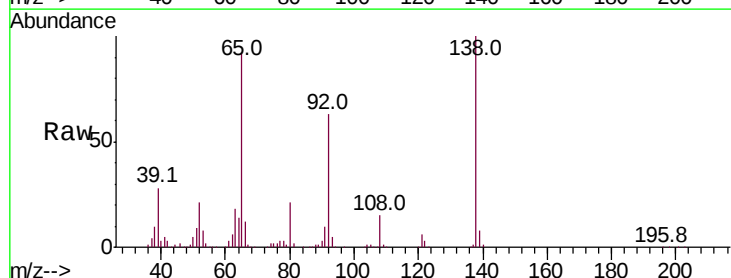
Tgt Ion: 65 Resp: 396807

Ion Ratio Lower Upper

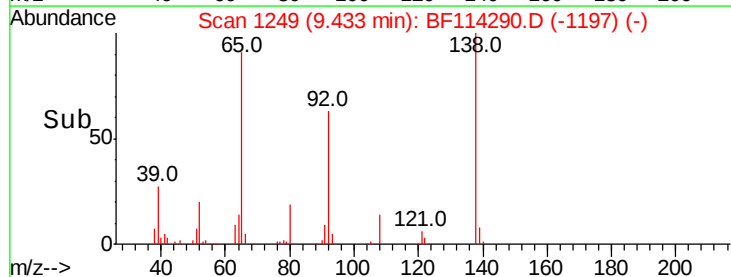
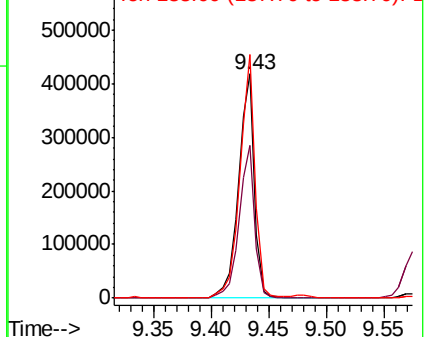
65 100

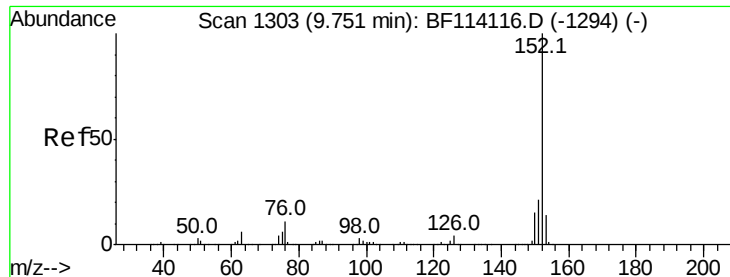
92 68.1 53.9 80.9

138 108.6 81.4 122.0



Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 36.386 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.00 min

Lab File: BF114290.D

Acq: 15 May 2019 17:47

Instrument :

BNA_F

ClientSampleId :

PB119740BS

Tot Ion:152 Resp: 1796677

Ion Ratio Lower Upper

152 100

151 20.7 16.8 25.2

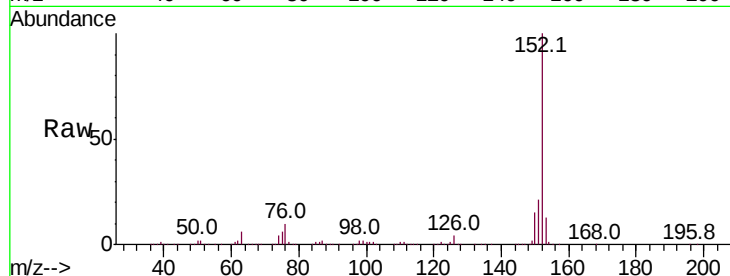
153 13.4 11.4 17.2

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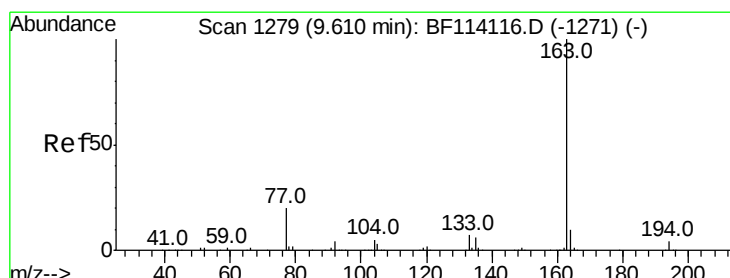
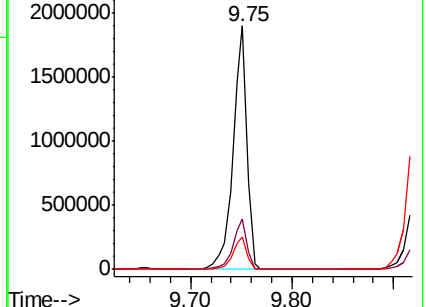
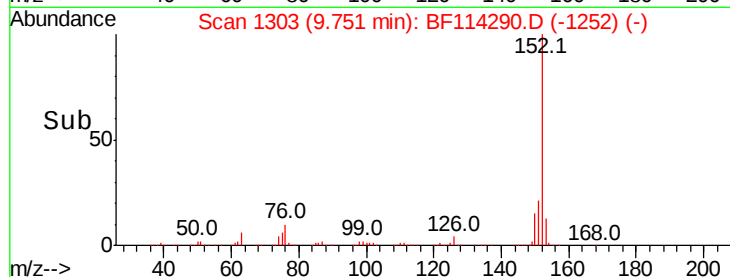
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 35.414 ng

RT: 9.60 min Scan# 1278

Delta R.T. -0.01 min

Lab File: BF114290.D

Acq: 15 May 2019 17:47

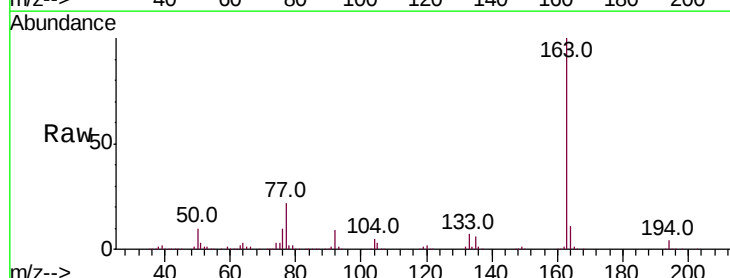
Tgt Ion:163 Resp: 1298147

Ion Ratio Lower Upper

163 100

194 3.8 3.4 5.0

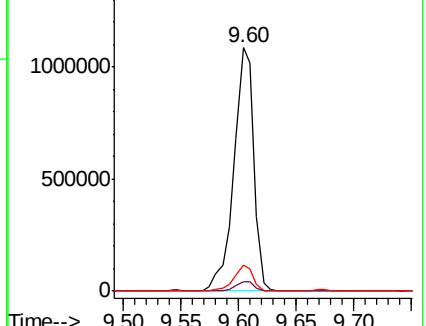
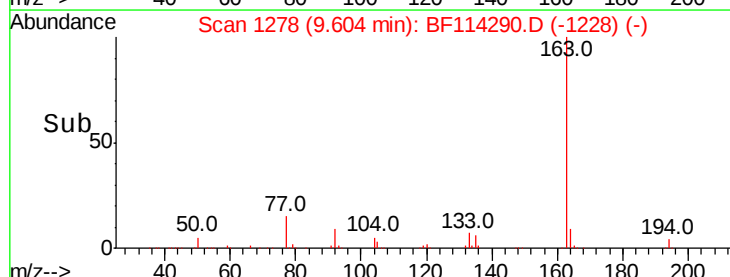
164 10.5 8.2 12.2

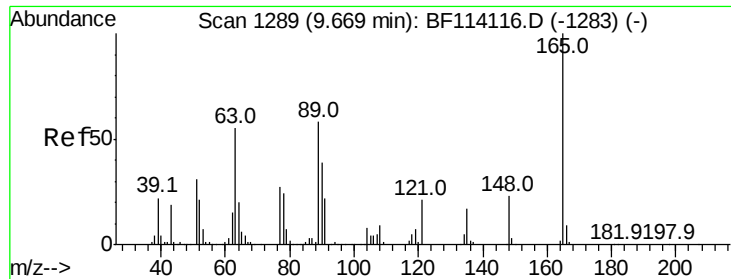


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 36.072 ng

RT: 9.67 min Scan# 1290

Delta R.T. 0.01 min

Lab File: BF114290.D

Acq: 15 May 2019 17:47

Instrument :

BNA_F

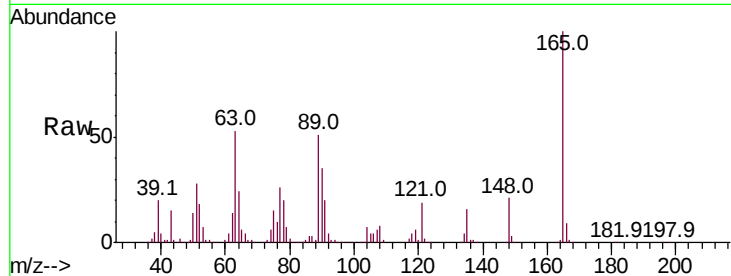
ClientSampleId :

PB119740BS

Tot Ion:	165	Resp:	293284
Ion Ratio	Lower	Upper	
165	100		
63	53.2	50.2	75.4
89	50.7	46.6	69.8

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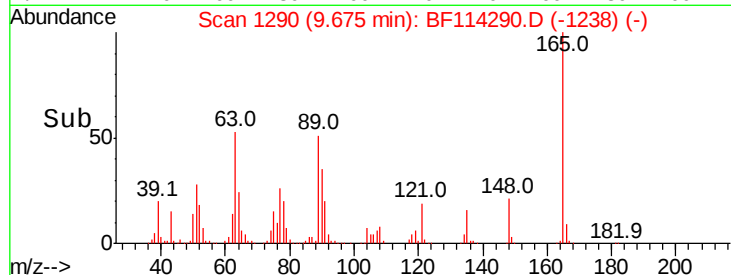


Abundance Ion 165.00 (164.70 to 165.70): E

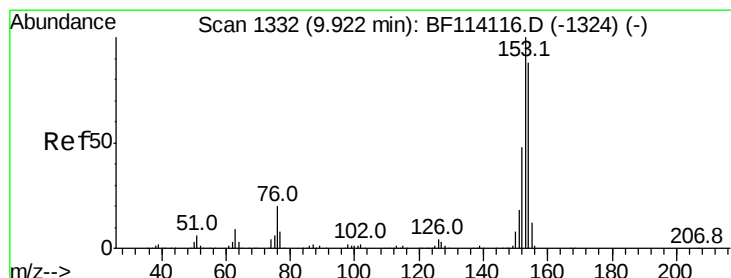
Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Time-->



Time-->



#52

Acenaphthene

Concen: 33.812 ng

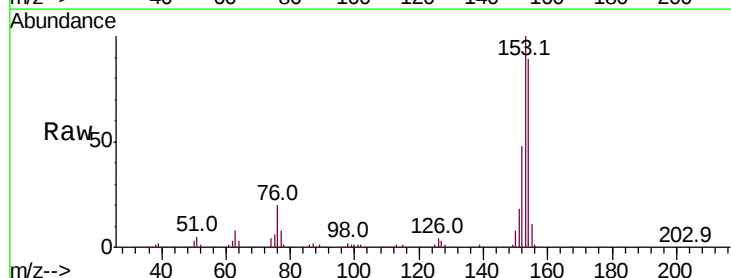
RT: 9.92 min Scan# 1332

Delta R.T. -0.00 min

Lab File: BF114290.D

Acq: 15 May 2019 17:47

Tgt Ion:	154	Resp:	1024528
Ion Ratio	Lower	Upper	
154	100		
153	112.4	90.5	135.7
152	53.8	43.4	65.2

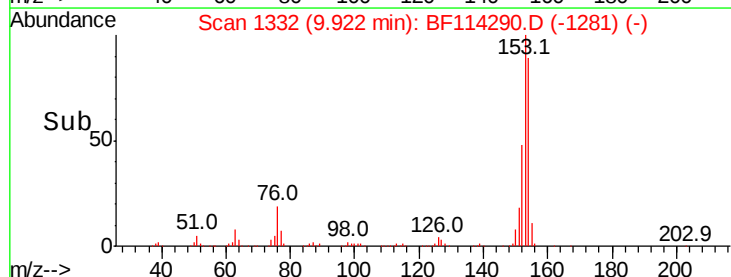


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Time-->



Time-->



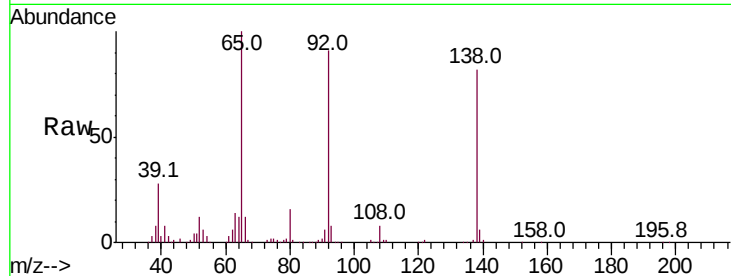
#53
3-Nitroaniline
Concen: 24.161 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.01 min
Lab File: BF114290.D
Acq: 15 May 2019 17:47

Instrument :
BNA_F
ClientSampleId :
PB119740BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.7	7.8	11.6
92	110.5	91.2	136.8

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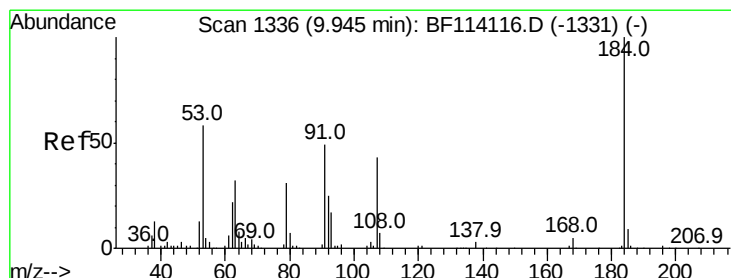
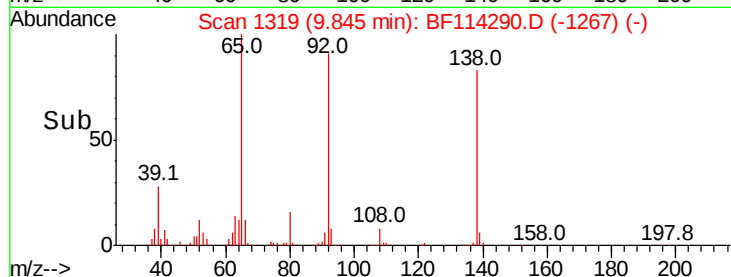
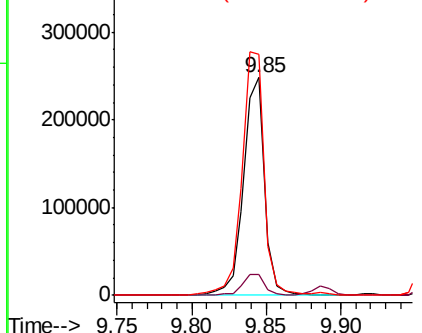


Abundance

Ion 138.00 (137.70 to 138.70): E

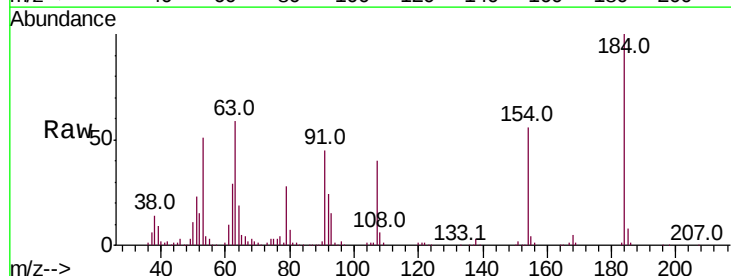
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 64.484 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.02 min
Lab File: BF114290.D
Acq: 15 May 2019 17:47

Tgt Ion	Ratio	Lower	Upper
184	100		
63	58.8	55.6	83.4
154	55.8	46.0	69.0

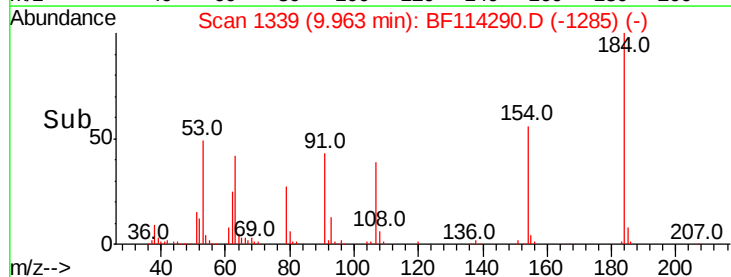
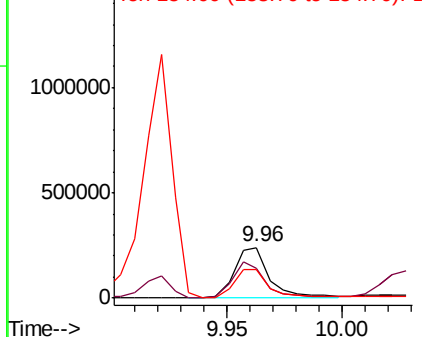


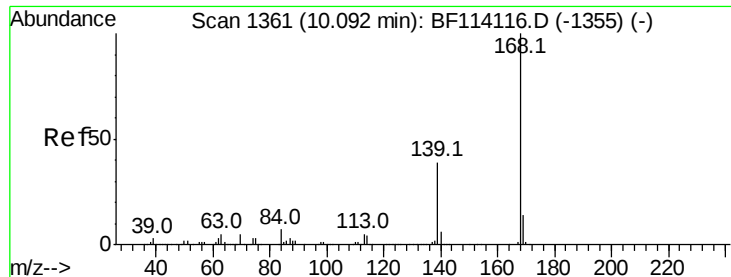
Abundance

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





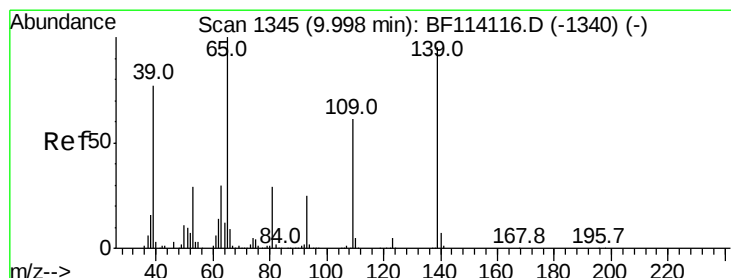
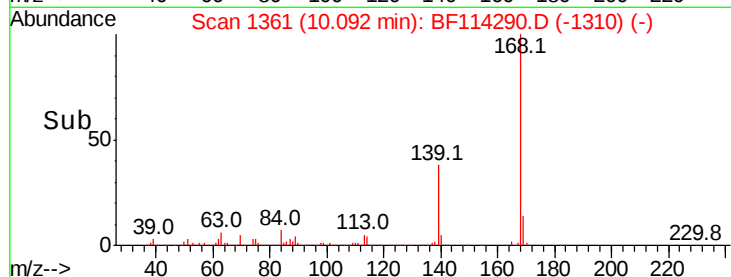
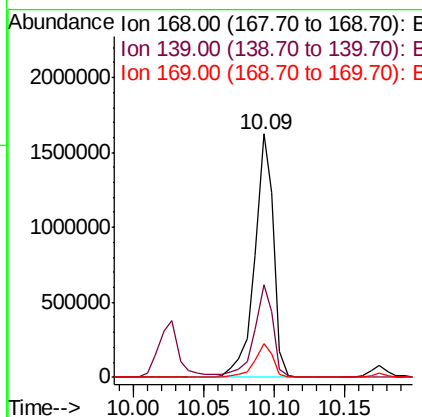
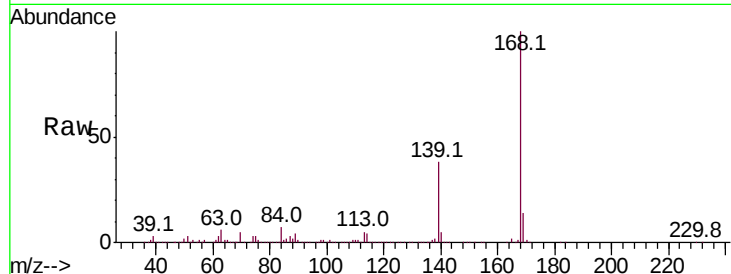
#55
Dibenzenofuran
Concen: 34.186 ng
RT: 10.09 min Scan# 1361
Delta R.T. -0.00 min
Lab File: BF114290.D
Acq: 15 May 2019 17:47

Instrument :
BNA_F
ClientSampleId :
PB119740BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.2	31.1	46.7
169	14.0	11.4	17.0

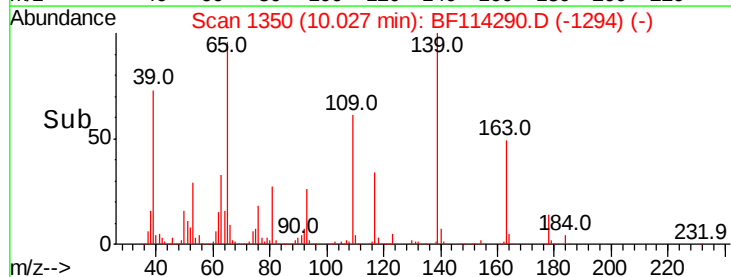
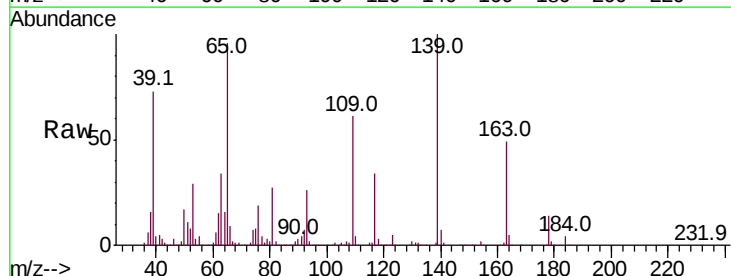
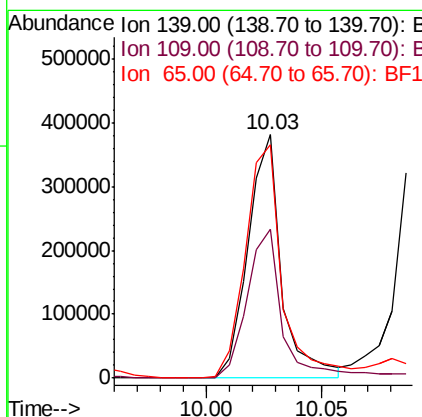
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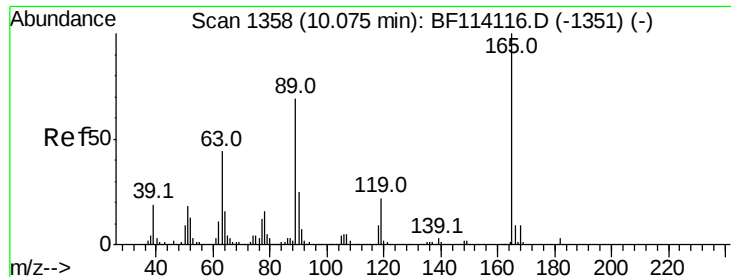
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#56
4-Nitrophenol
Concen: 54.444 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.03 min
Lab File: BF114290.D
Acq: 15 May 2019 17:47

Tgt Ion	Ratio	Lower	Upper
139	100		
109	61.0	43.9	83.9
65	95.8	85.7	125.7





#57

2,4-Dinitrotoluene

Concen: 34.129 ng

RT: 10.08 min Scan# 1359

Delta R.T. 0.01 min

Lab File: BF114290.D

Acq: 15 May 2019 17:47

Instrument :

BNA_F

ClientSampleId :

PB119740BS

Tot Ion:165 Resp: 376630
Ion Ratio Lower Upper

165 100

63 54.1 35.5 53.3#

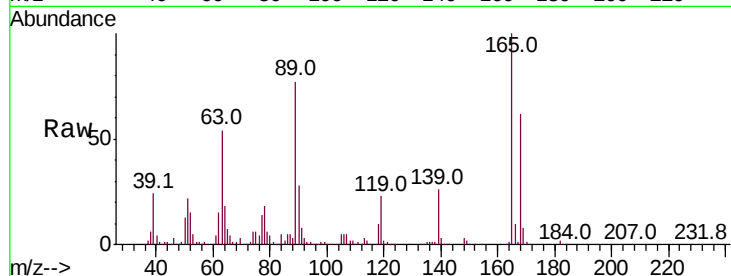
89 77.0 55.2 82.8

182 2.4 2.2 3.2

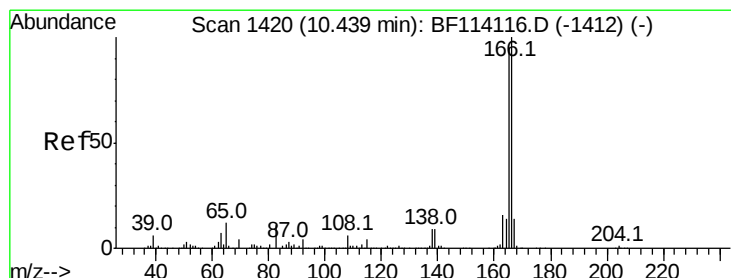
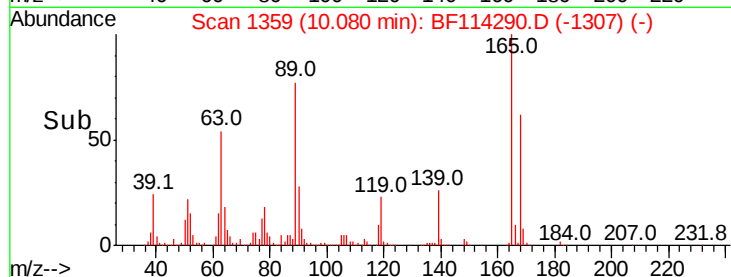
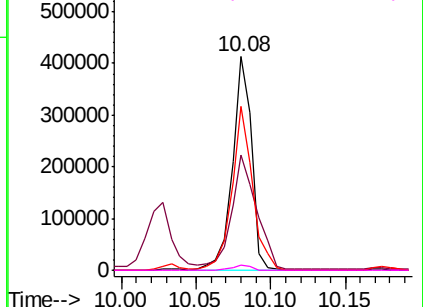
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Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 35.110 ng

RT: 10.44 min Scan# 1420

Delta R.T. -0.00 min

Lab File: BF114290.D

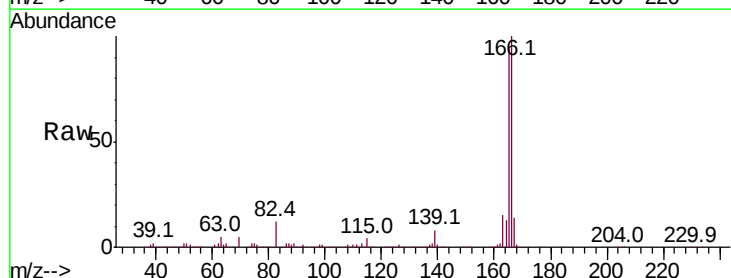
Acq: 15 May 2019 17:47

Tgt Ion:166 Resp: 1204964
Ion Ratio Lower Upper

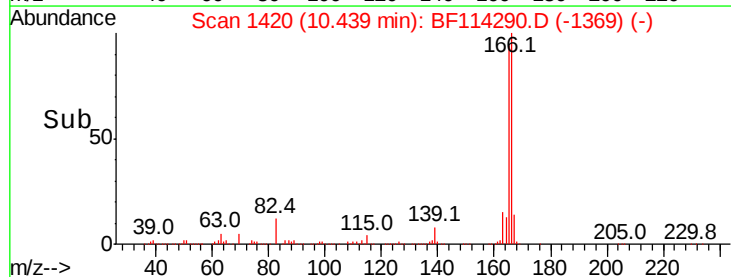
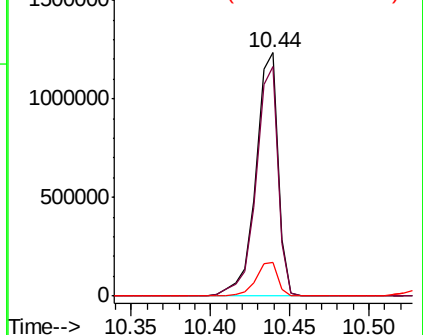
166 100

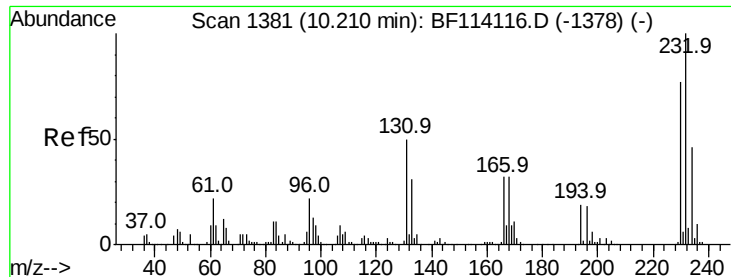
165 94.1 76.1 114.1

167 13.7 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





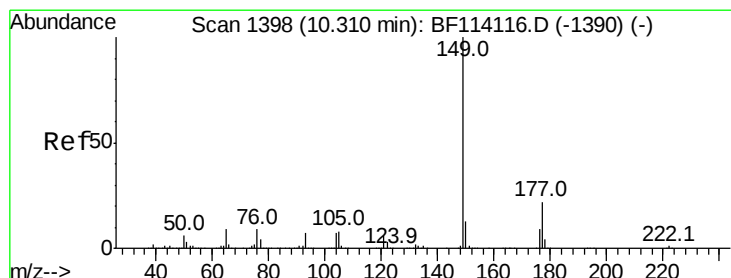
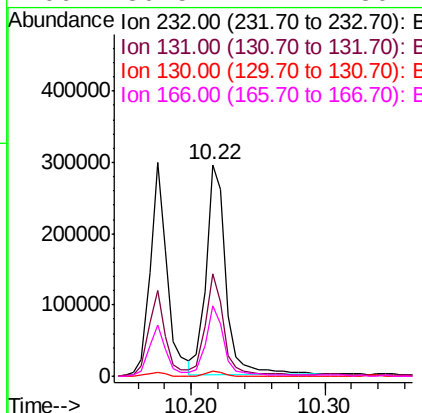
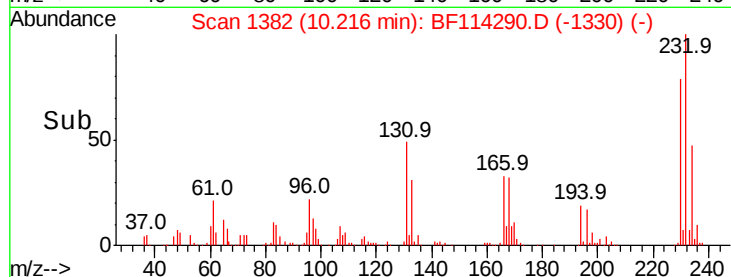
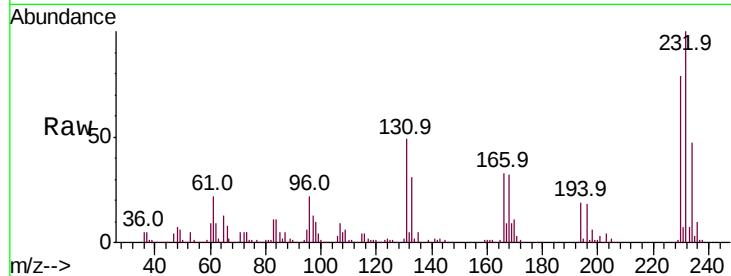
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 33.096 ng
 RT: 10.22 min Scan# 1382
 Delta R.T. 0.01 min
 Lab File: BF114290.D
 Acq: 15 May 2019 17:47

Instrument :
 BNA_F
 ClientSampleId :
 PB119740BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	45.5	35.6	53.4
130	2.3	1.6	2.4
166	30.5	24.1	36.1

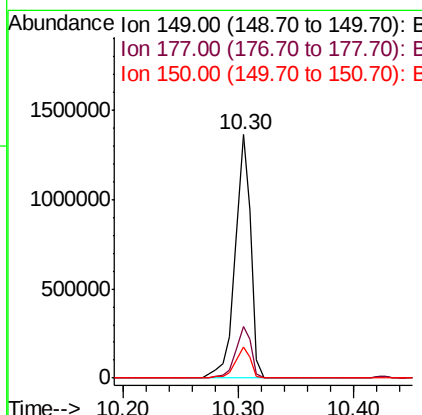
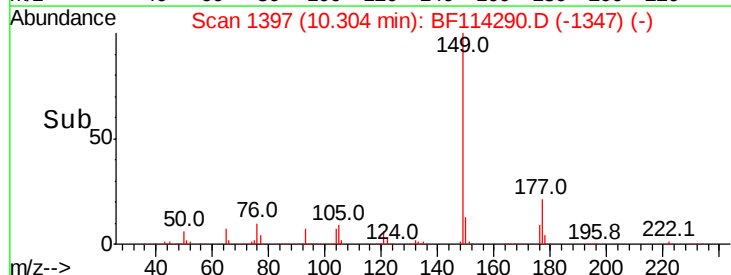
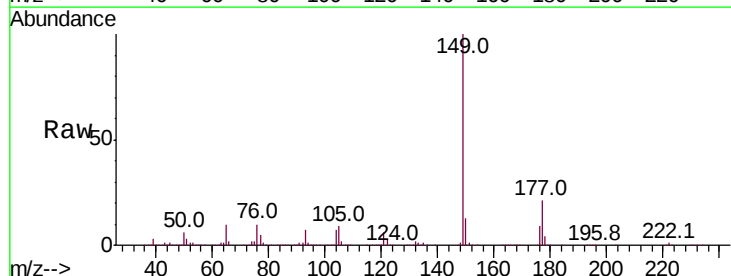
Manual Integrations
 APPROVED

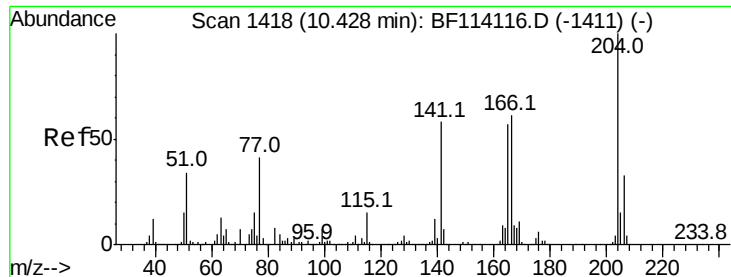
mohammad
 5/16/2019 9:51:03 AM



#60
 Diethylphthalate
 Concen: 33.838 ng
 RT: 10.30 min Scan# 1397
 Delta R.T. -0.01 min
 Lab File: BF114290.D
 Acq: 15 May 2019 17:47

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.4	17.8	26.6
150	12.8	10.2	15.2





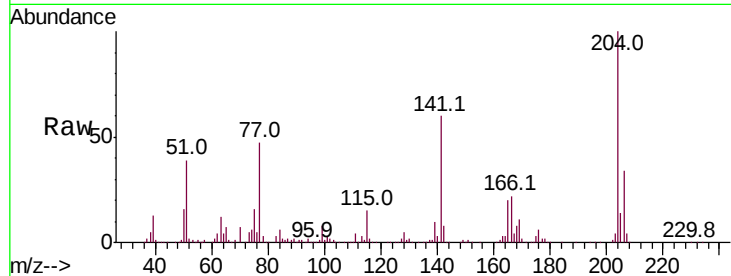
#61
4-Chlorophenyl-phenylether
Concen: 34.358 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF114290.D
Acq: 15 May 2019 17:47

Instrument :
BNA_F
ClientSampleId :
PB119740BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.6	26.6	39.8
141	60.4	46.4	69.6

Manual Integrations
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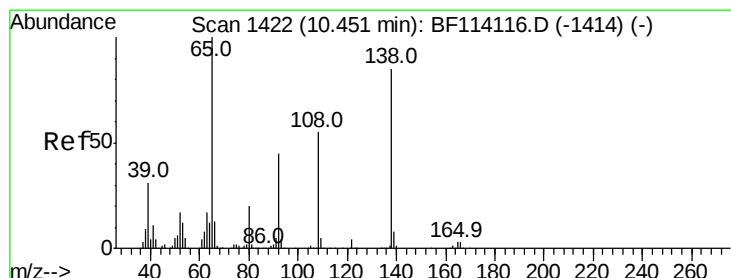
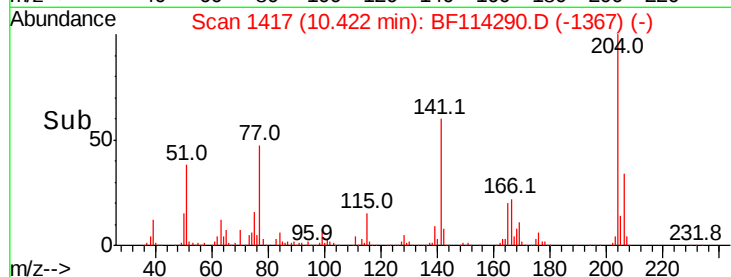
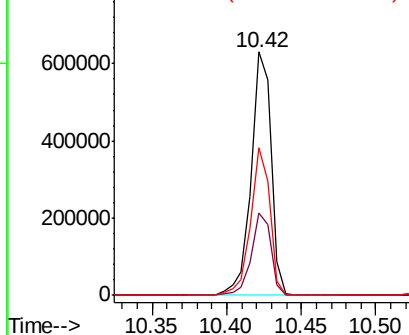


Abundance

Ion 204.00 (203.70 to 204.70): E

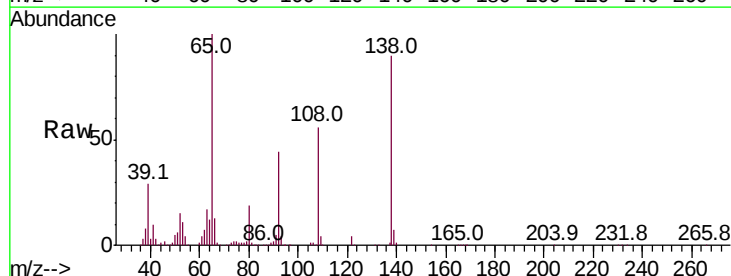
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 31.717 ng
RT: 10.46 min Scan# 1424
Delta R.T. 0.01 min
Lab File: BF114290.D
Acq: 15 May 2019 17:47

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.6	33.0	73.0
108	61.9	44.9	84.9

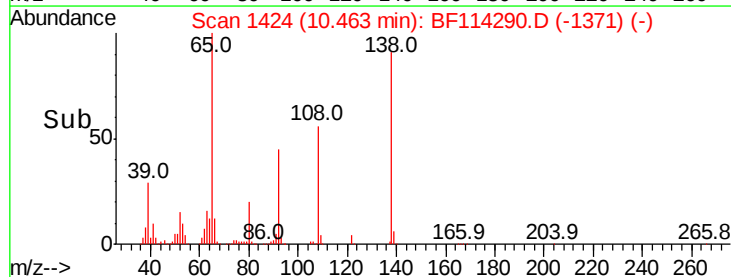
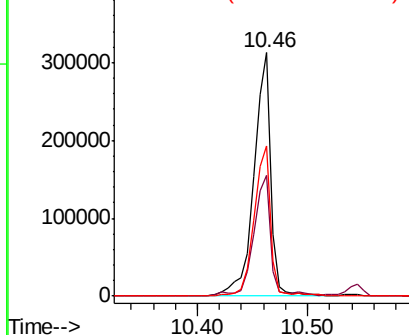


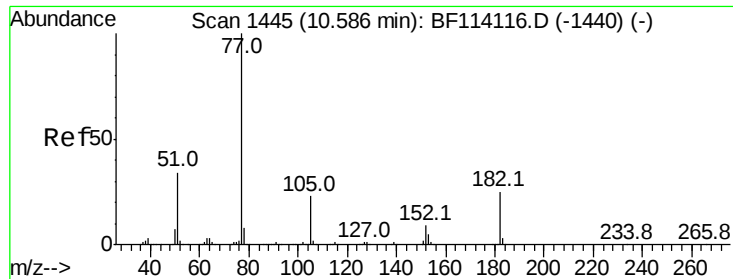
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





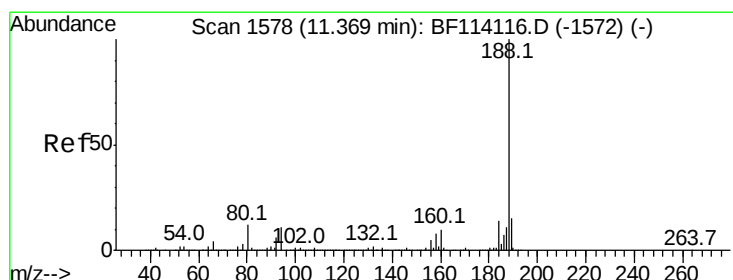
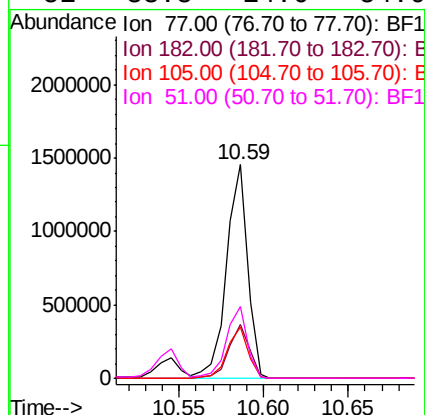
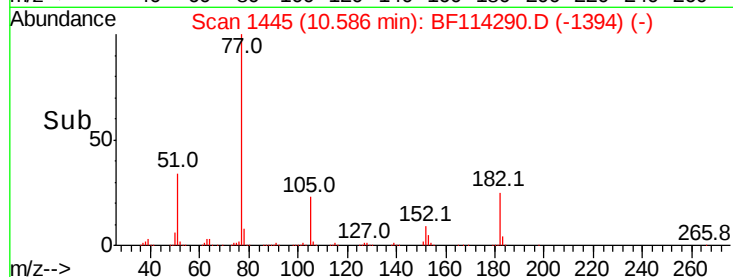
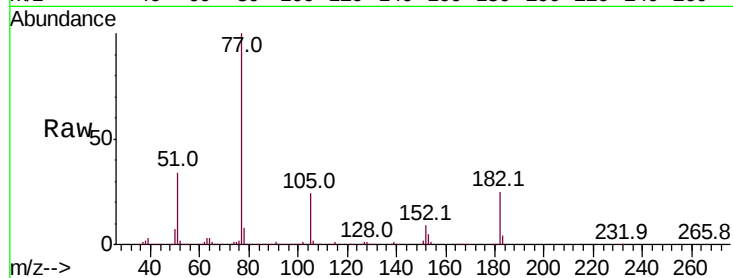
#63
Azobenzene
Concen: 34.973 ng
RT: 10.59 min Scan# 1445
Delta R.T. -0.00 min
Lab File: BF114290.D
Acq: 15 May 2019 17:47

Instrument :
BNA_F
ClientSampleId :
PB119740BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	25.2	4.7	44.7
105	23.8	2.9	42.9
51	33.8	14.6	54.6

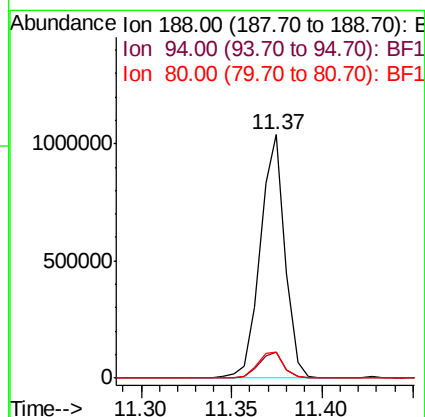
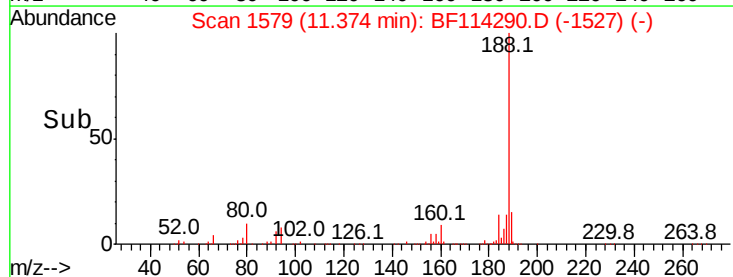
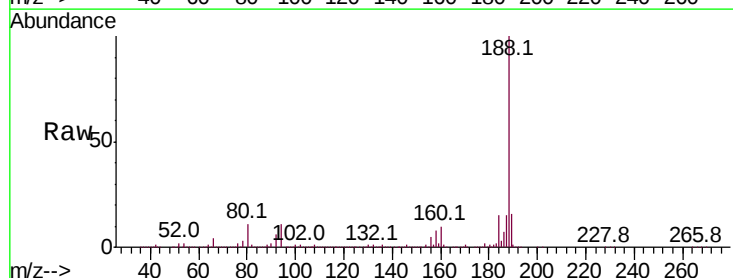
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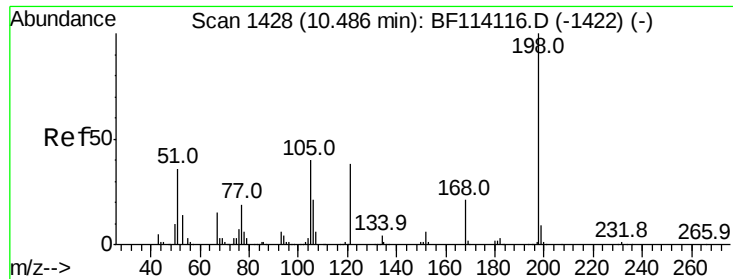
mohammad
5/16/2019 9:51:03 AM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. 0.01 min
Lab File: BF114290.D
Acq: 15 May 2019 17:47

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.4	12.6
80	10.7	9.2	13.8





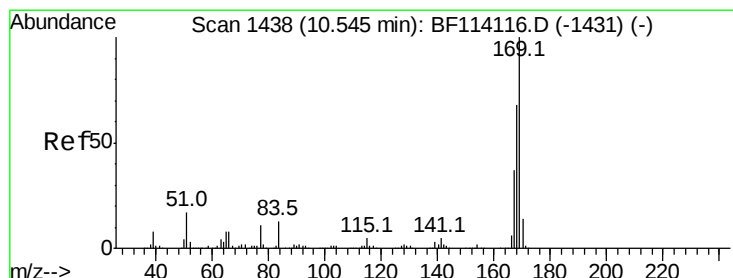
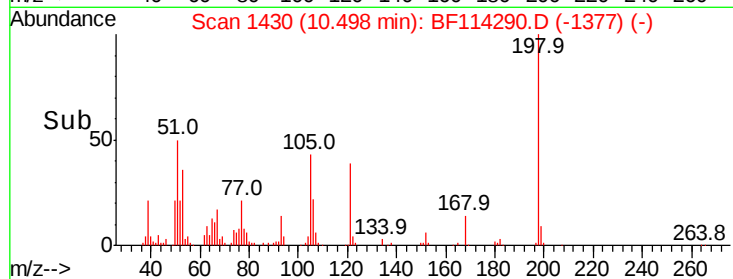
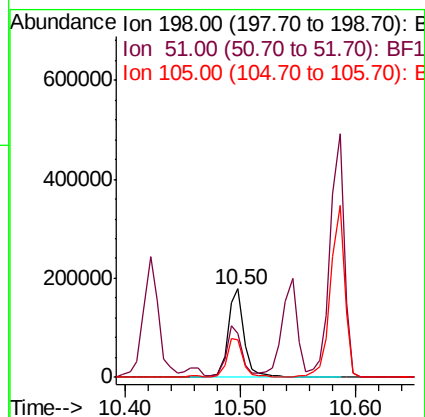
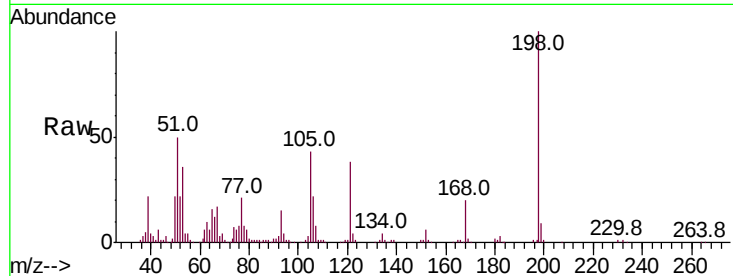
#65
4,6-Dinitro-2-methylphenol
Concen: 36.572 ng
RT: 10.50 min Scan# 1430
Delta R.T. 0.01 min
Lab File: BF114290.D
Acq: 15 May 2019 17:47

Instrument :
BNA_F
ClientSampleId :
PB119740BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	172244		
51	49.6	28.0	68.0	
105	42.9	21.1	61.1	

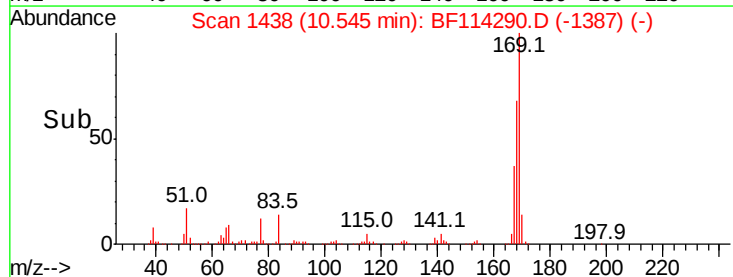
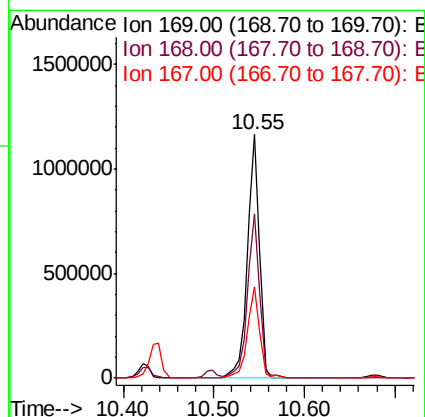
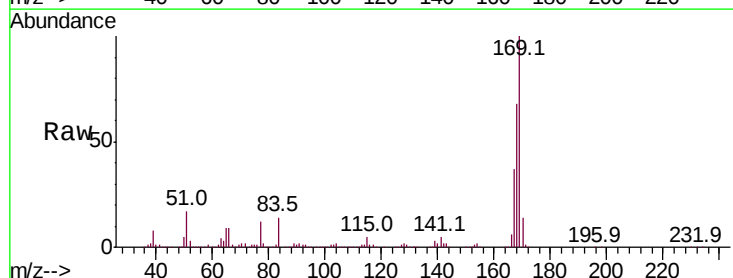
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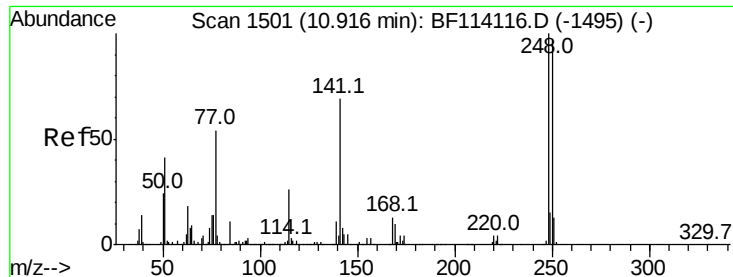
mohammad
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#66
n-Nitrosodiphenylamine
Concen: 36.444 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.00 min
Lab File: BF114290.D
Acq: 15 May 2019 17:47

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1084109		
168	67.5	54.2	81.2	
167	37.3	29.8	44.8	





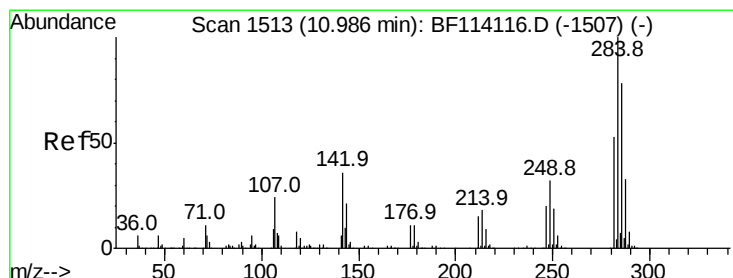
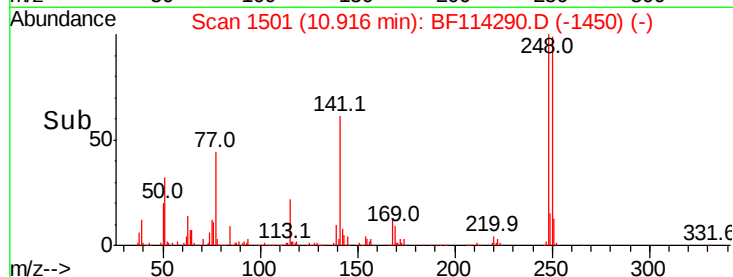
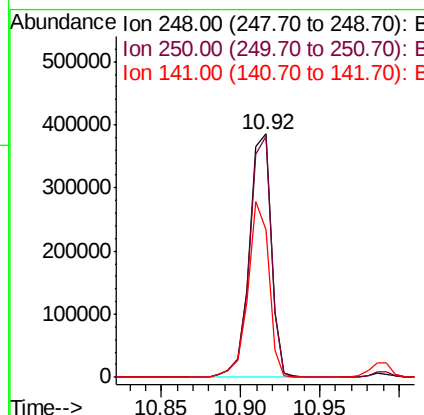
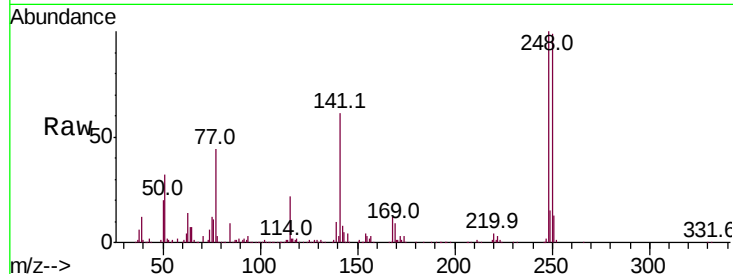
#67
4-Bromophenyl-phenylether
Concen: 34.275 ng
RT: 10.92 min Scan# 1501
Delta R.T. -0.00 min
Lab File: BF114290.D
Acq: 15 May 2019 17:47

Instrument :
BNA_F
ClientSampleId :
PB119740BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.3	77.4	116.2
141	60.6	55.6	83.4

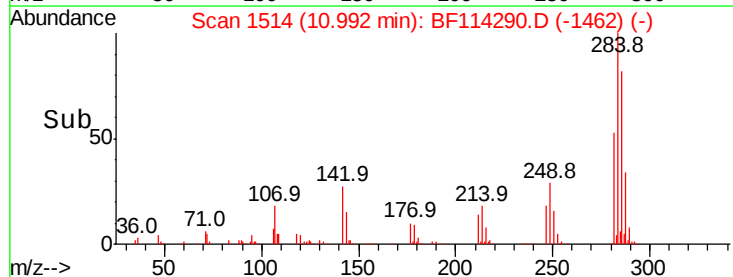
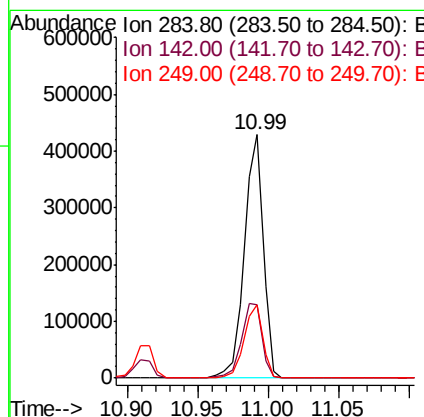
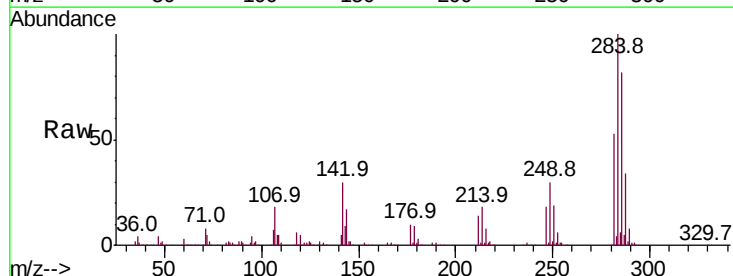
Manual Integrations
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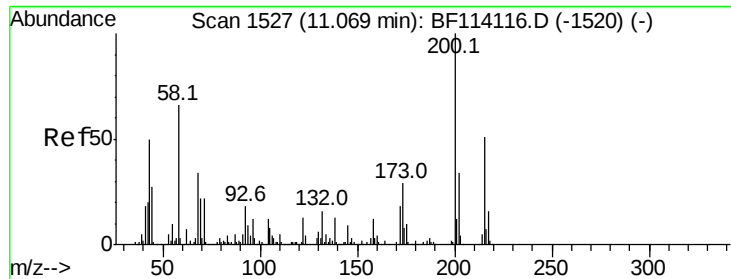
mohammad
5/16/2019 9:51:03 AM



#68
Hexachlorobenzene
Concen: 33.567 ng
RT: 10.99 min Scan# 1514
Delta R.T. 0.01 min
Lab File: BF114290.D
Acq: 15 May 2019 17:47

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.9	28.4	42.6
249	30.0	25.2	37.8





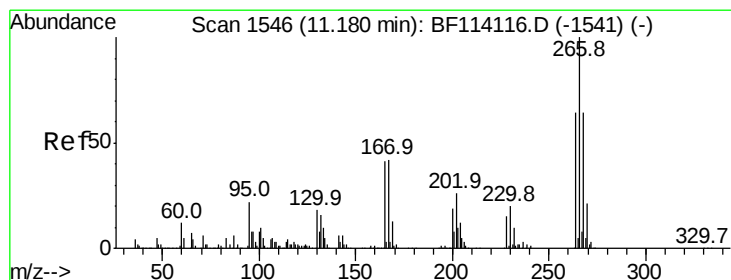
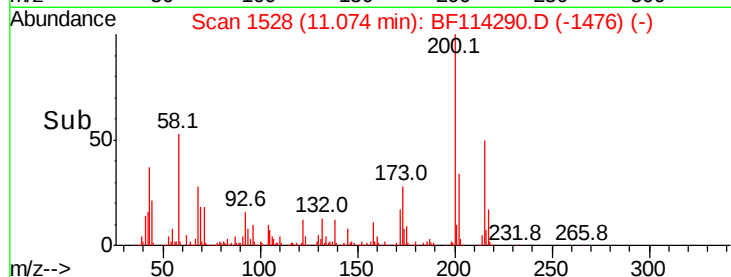
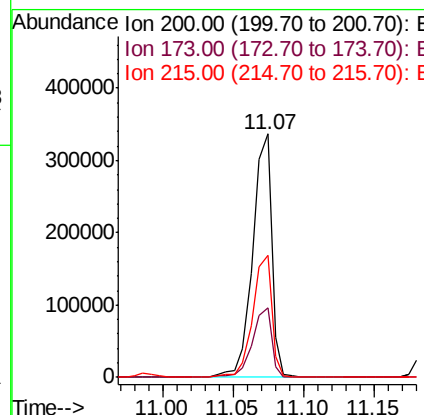
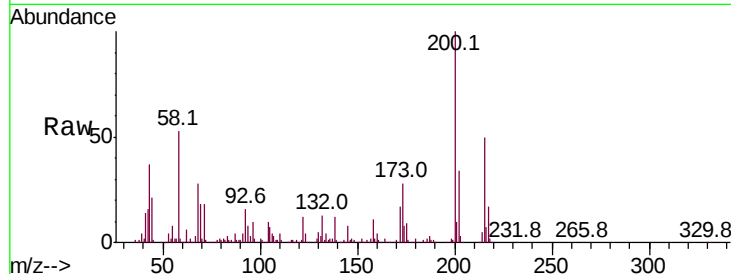
#69
Atrazine
Concen: 34.762 ng
RT: 11.07 min Scan# 1528
Delta R.T. 0.01 min
Lab File: BF114290.D
Acq: 15 May 2019 17:47

Instrument :
BNA_F
ClientSampleId :
PB119740BS

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	28.3	8.9	48.9
215	50.1	30.7	70.7

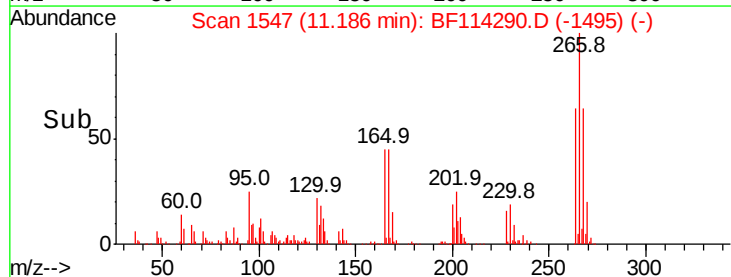
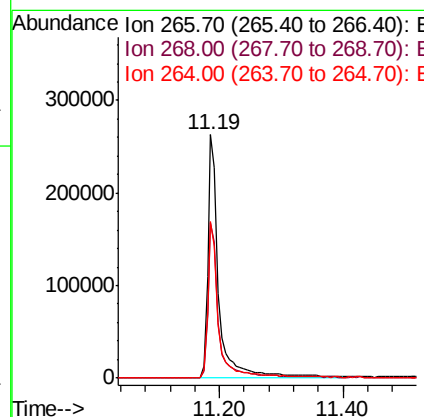
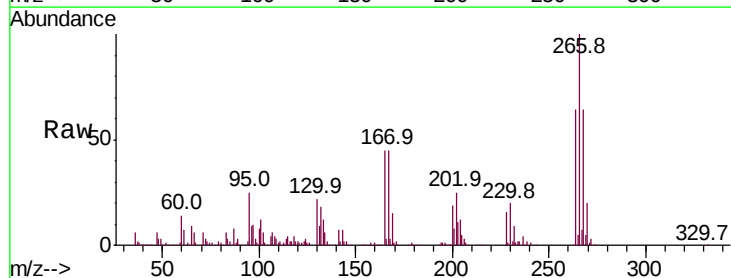
Manual Integrations
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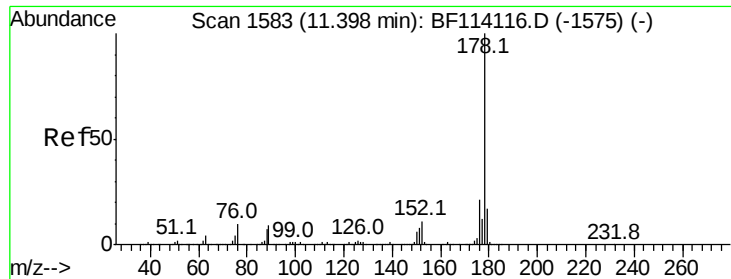
mohammad
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#70
Pentachlorophenol
Concen: 59.049 ng
RT: 11.19 min Scan# 1547
Delta R.T. 0.01 min
Lab File: BF114290.D
Acq: 15 May 2019 17:47

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	63.8	51.1	76.7
264	64.1	51.1	76.7





#71

Phenanthrene

Concen: 35.679 ng

RT: 11.40 min Scan# 1583

Delta R.T. -0.00 min

Lab File: BF114290.D

Acq: 15 May 2019 17:47

Instrument :

BNA_F

ClientSampleId :

PB119740BS

Tot Ion:178 Resp: 1701346

Ion Ratio Lower Upper

178 100

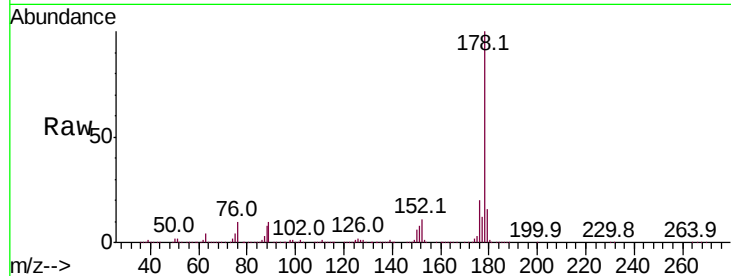
176 19.8 16.4 24.6

179 15.9 13.2 19.8

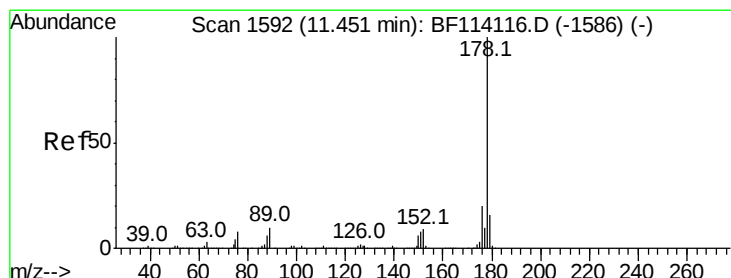
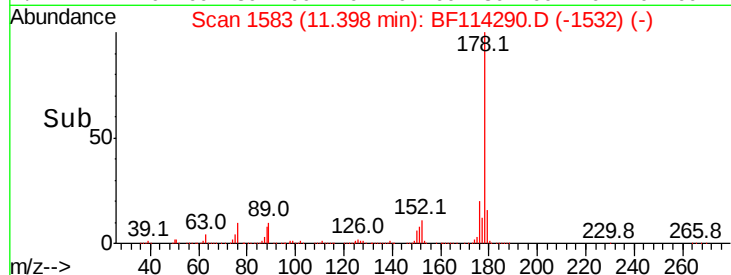
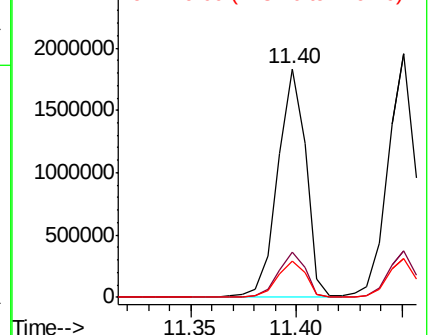
Manual Integrations
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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 36.823 ng

RT: 11.45 min Scan# 1592

Delta R.T. -0.00 min

Lab File: BF114290.D

Acq: 15 May 2019 17:47

Tgt Ion:178 Resp: 1763675

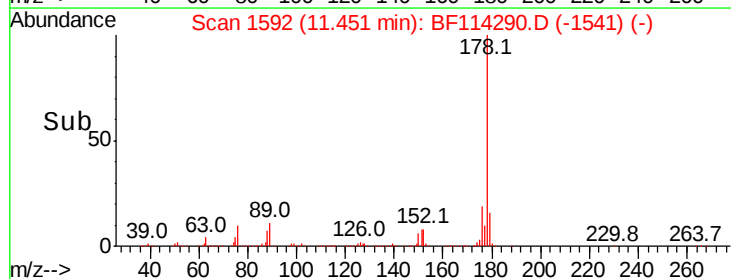
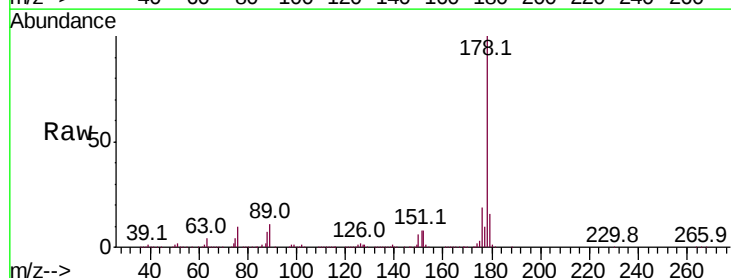
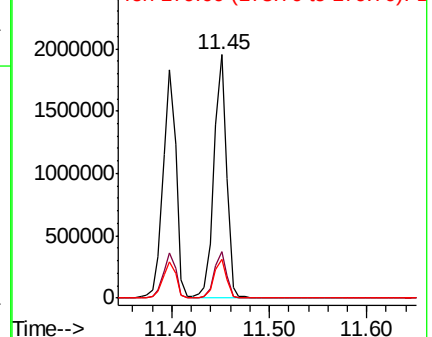
Ion Ratio Lower Upper

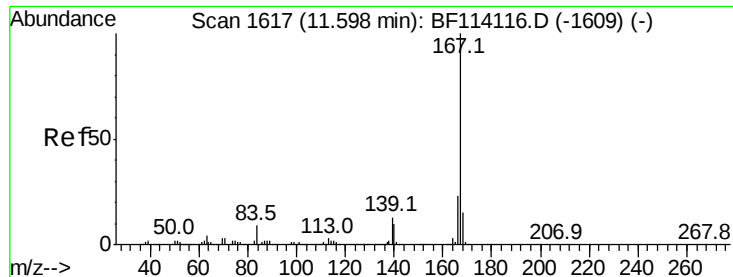
178 100

176 19.2 15.8 23.8

179 15.9 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





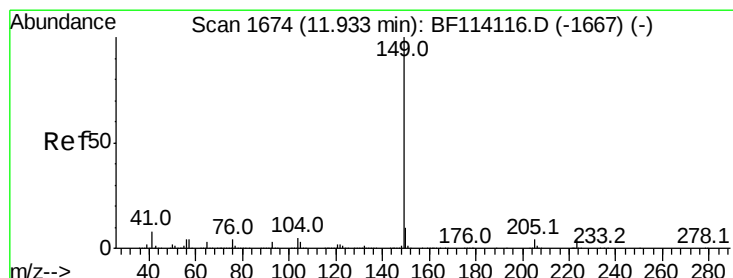
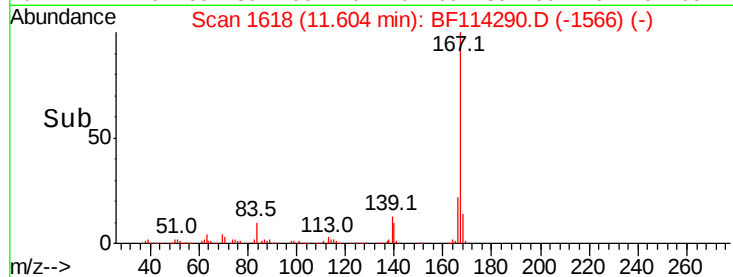
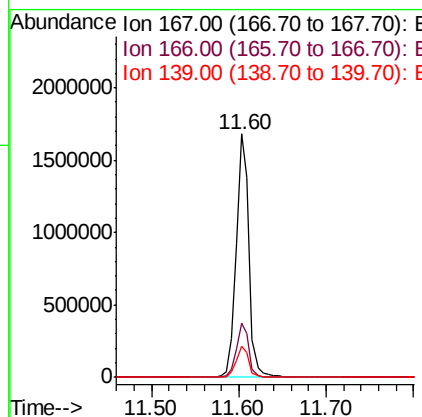
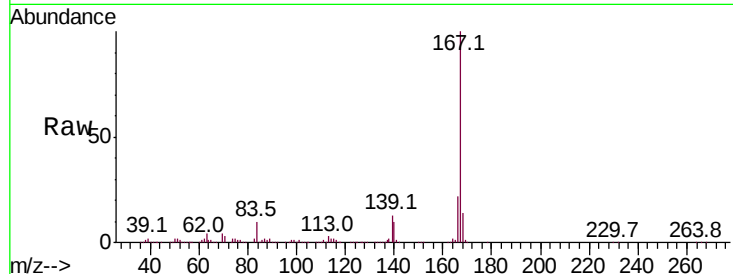
#73
 Carbazole
 Concen: 36.651 ng
 RT: 11.60 min Scan# 1618
 Delta R.T. 0.01 min
 Lab File: BF114290.D
 Acq: 15 May 2019 17:47

Instrument :
 BNA_F
 ClientSampleId :
 PB119740BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.0	18.2	27.2
139	12.7	10.6	16.0

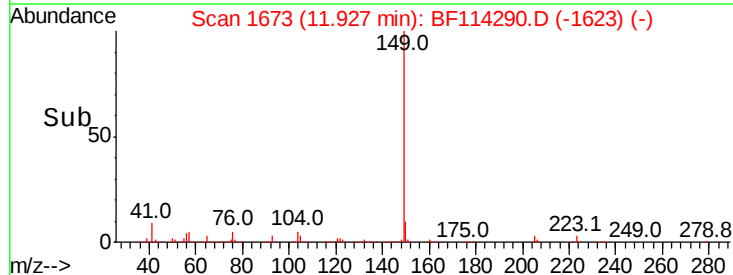
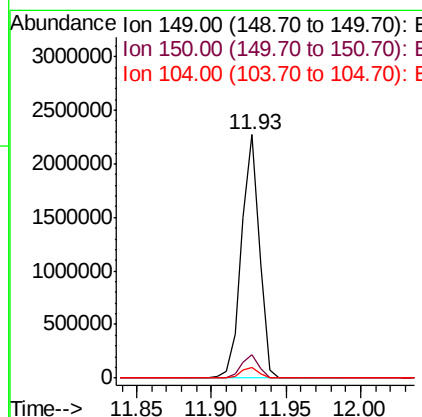
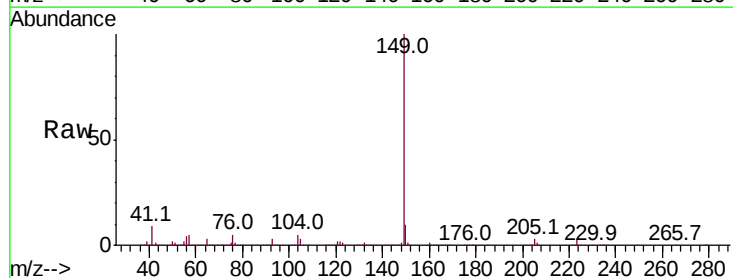
Manual Integrations
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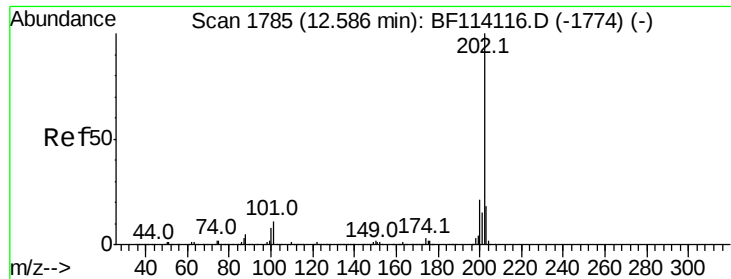
mohammad
 5/16/2019 9:51:03 AM



#74
 Di-n-butylphthalate
 Concen: 36.311 ng
 RT: 11.93 min Scan# 1673
 Delta R.T. -0.01 min
 Lab File: BF114290.D
 Acq: 15 May 2019 17:47

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.7	11.5
104	4.6	3.6	5.4





#75

Fluoranthene

Concen: 35.799 ng

RT: 12.59 min Scan# 1785

Delta R.T. -0.00 min

Lab File: BF114290.D

Acq: 15 May 2019 17:47

Instrument :

BNA_F

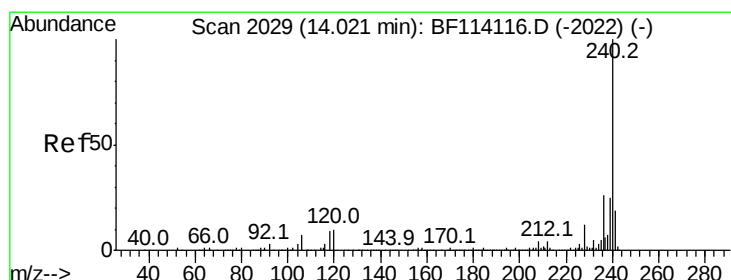
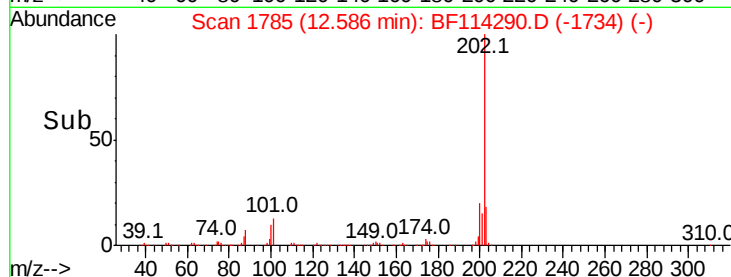
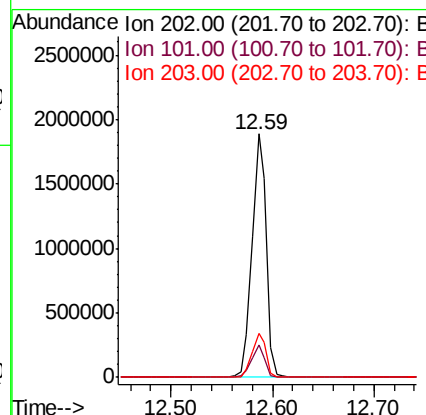
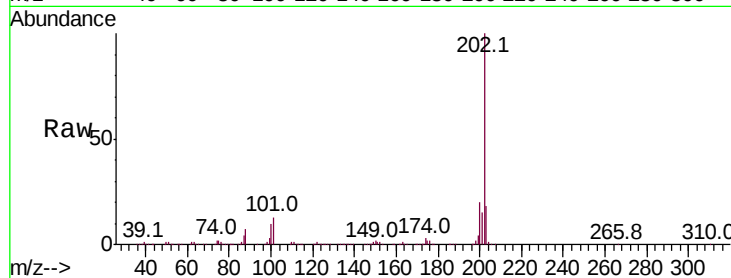
ClientSampled :

PB119740BS

Tot Ion:	202	Resp:	1838318
Ion Ratio	Lower	Upper	
202	100		
101	13.1	0.0	31.0
203	18.1	0.0	38.4

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#76

Chrysene-d12

Concen: 20.000 ng

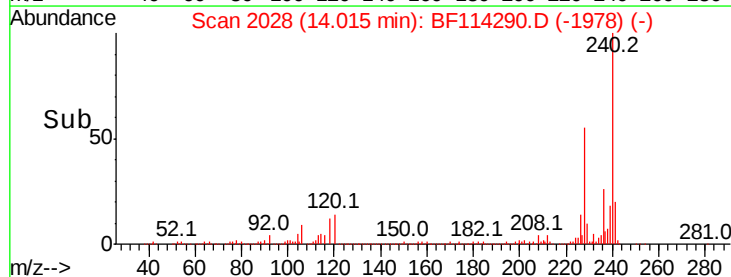
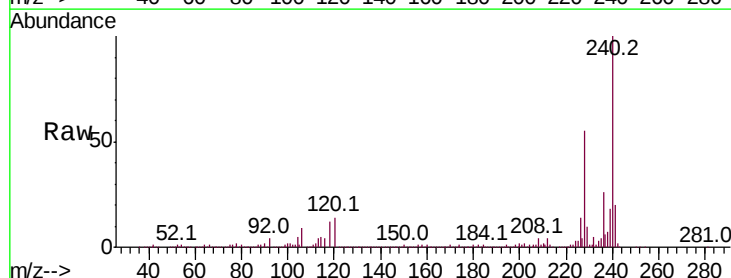
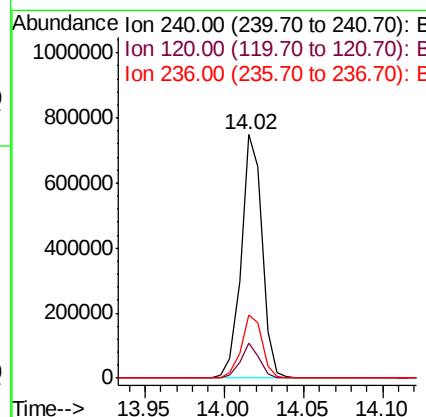
RT: 14.02 min Scan# 2028

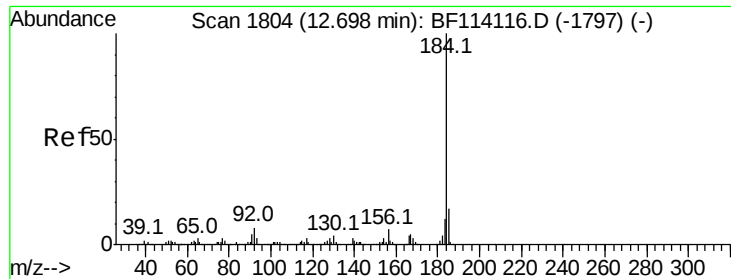
Delta R.T. -0.01 min

Lab File: BF114290.D

Acq: 15 May 2019 17:47

Tgt Ion:	240	Resp:	682104
Ion Ratio	Lower	Upper	
240	100		
120	14.1	8.3	12.5#
236	26.2	20.8	31.2





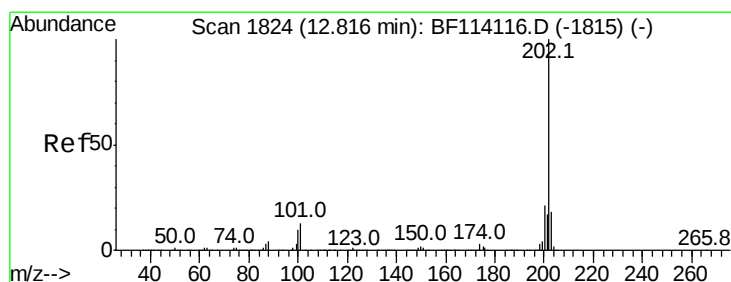
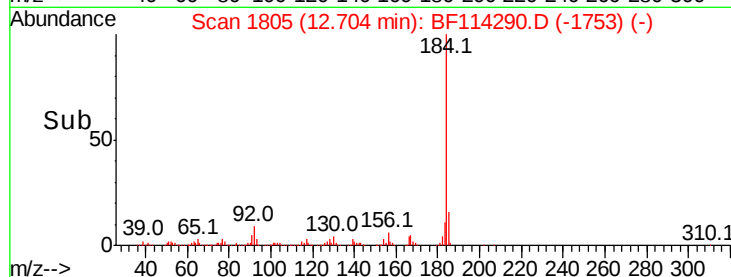
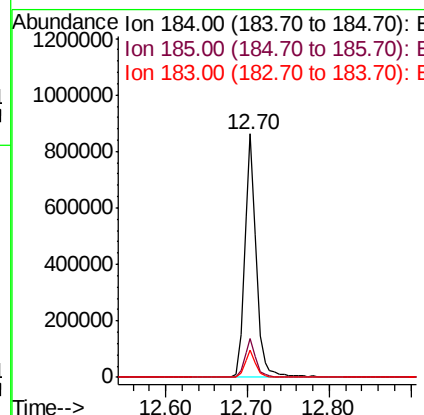
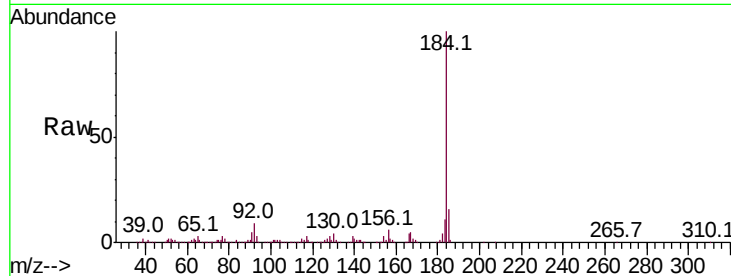
#77
Benzidine
Concen: 27.668 ng
RT: 12.70 min Scan# 1805
Delta R.T. 0.01 min
Lab File: BF114290.D
Acq: 15 May 2019 17:47

Instrument :
BNA_F
ClientSampleId :
PB119740BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
185	15.8	13.6	20.4	
183	11.3	9.2	13.8	

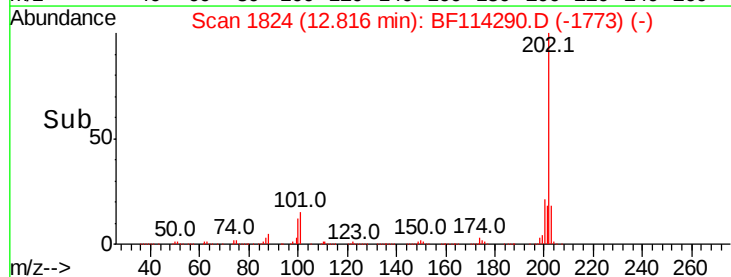
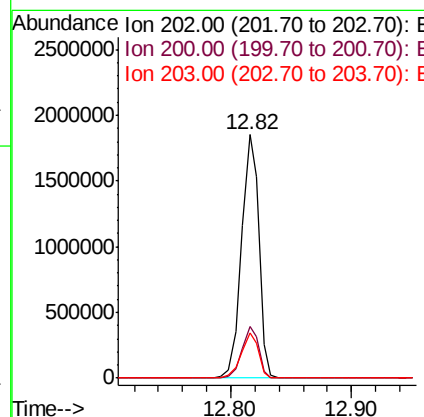
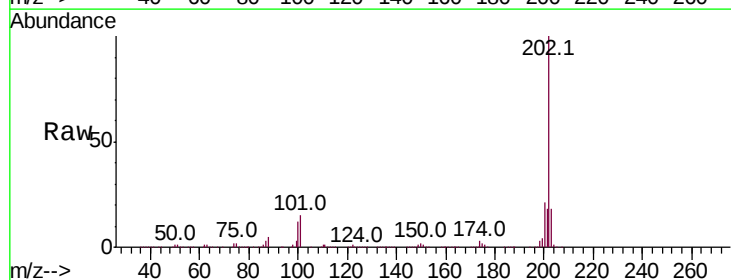
Manual Integrations
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#78
Pyrene
Concen: 33.892 ng
RT: 12.82 min Scan# 1824
Delta R.T. -0.00 min
Lab File: BF114290.D
Acq: 15 May 2019 17:47

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
200	21.2	16.9	25.3	
203	18.4	14.5	21.7	





#79

Terphenyl-d14

Concen: 62.591 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.00 min

Lab File: BF114290.D

Acq: 15 May 2019 17:47

Instrument :

BNA_F

ClientSampleId :

PB119740BS

Tot Ion:244 Resp: 2071075

Ion Ratio Lower Upper

244 100

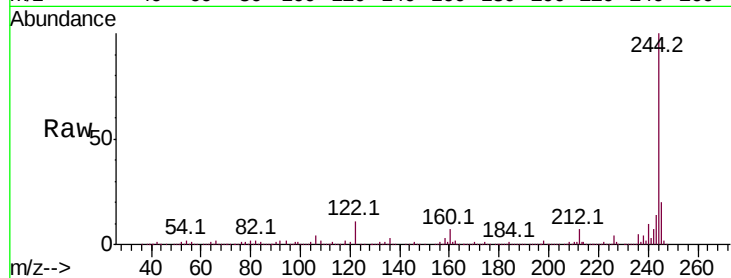
212 6.9 5.8 8.6

122 11.3 9.4 14.2

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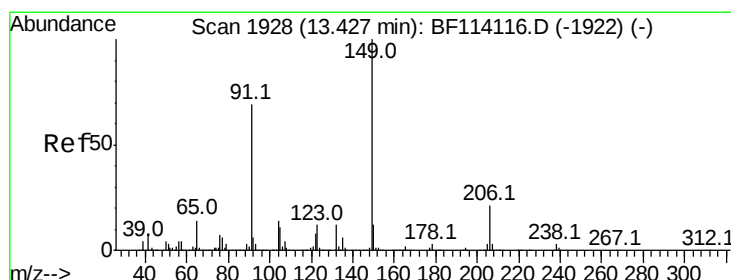
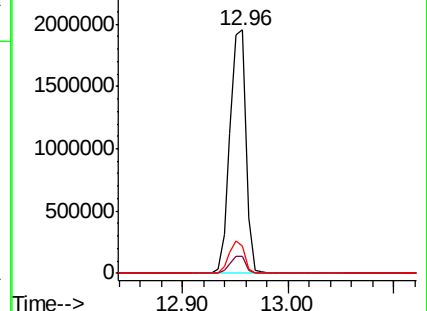
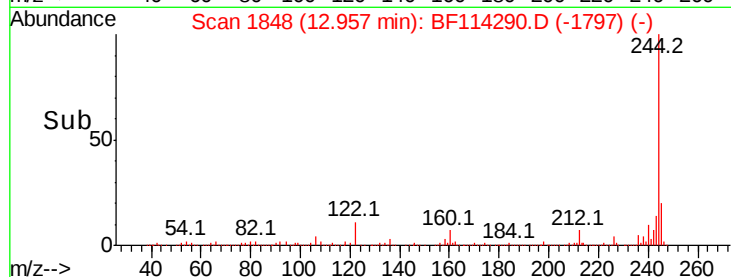
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 36.196 ng

RT: 13.42 min Scan# 1927

Delta R.T. -0.01 min

Lab File: BF114290.D

Acq: 15 May 2019 17:47

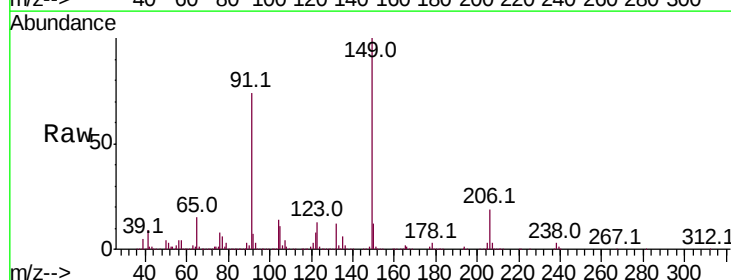
Tgt Ion:149 Resp: 835977

Ion Ratio Lower Upper

149 100

91 73.6 55.0 82.4

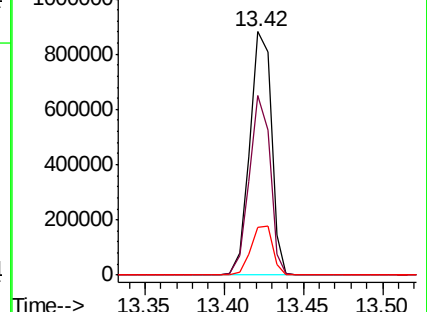
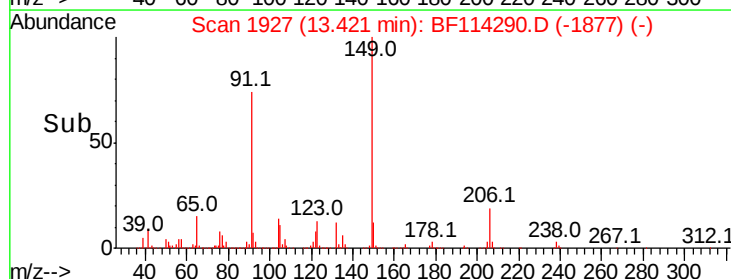
206 19.5 16.9 25.3

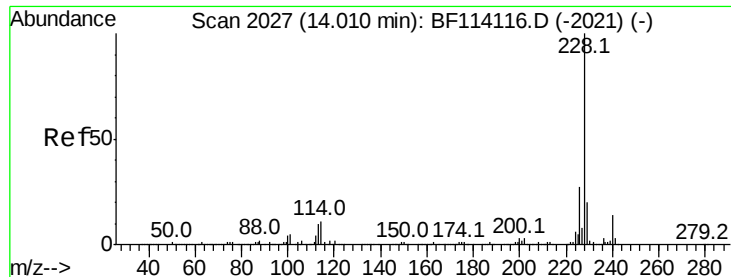


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 35.251 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BF114290.D

Acq: 15 May 2019 17:47

Instrument :

BNA_F

ClientSampleId :

PB119740BS

Tot Ion:228 Resp: 1555206

Ion Ratio Lower Upper

228 100

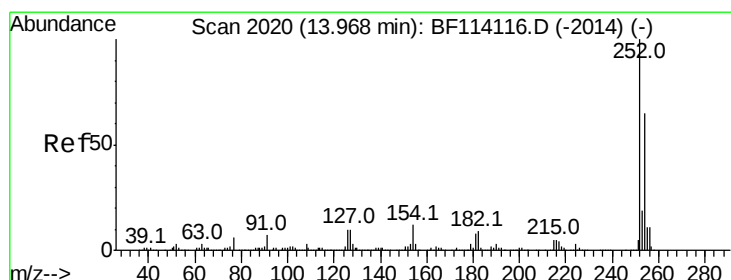
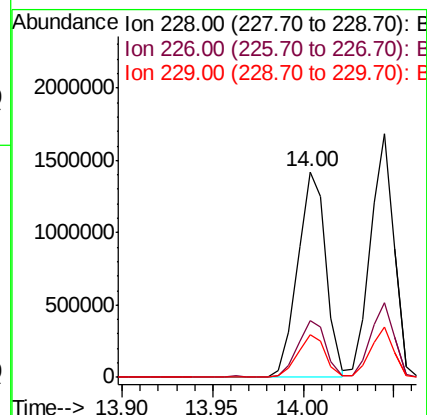
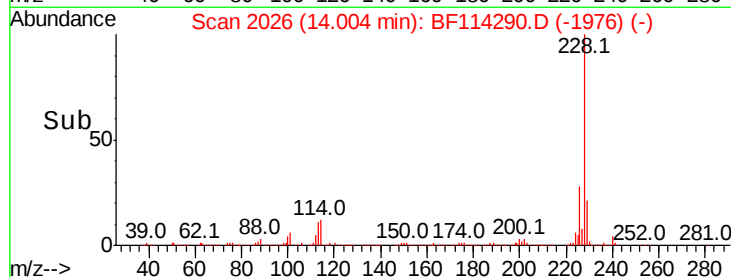
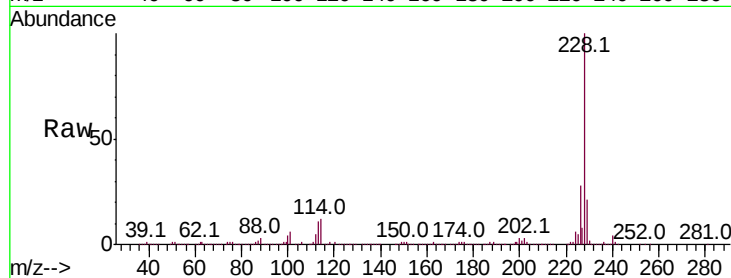
226 27.8 22.2 33.2

229 20.5 16.4 24.6

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#82

3,3'-Dichlorobenzidine

Concen: 27.443 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.01 min

Lab File: BF114290.D

Acq: 15 May 2019 17:47

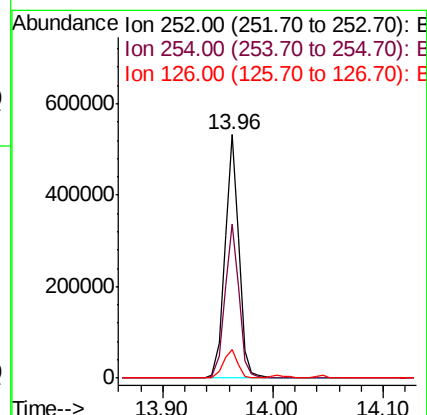
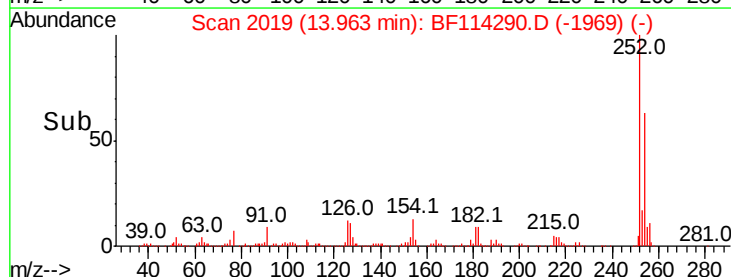
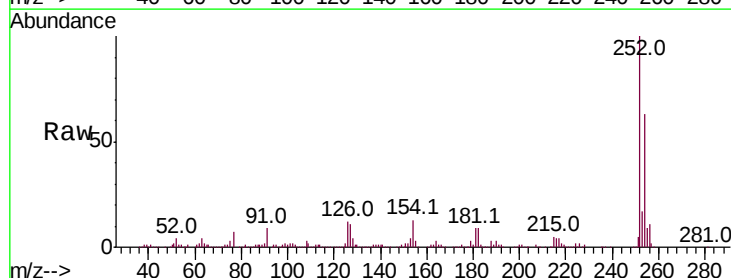
Tgt Ion:252 Resp: 469679

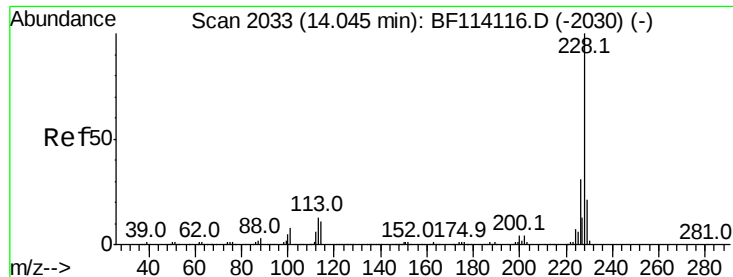
Ion Ratio Lower Upper

252 100

254 63.1 51.9 77.9

126 11.8 7.9 11.9





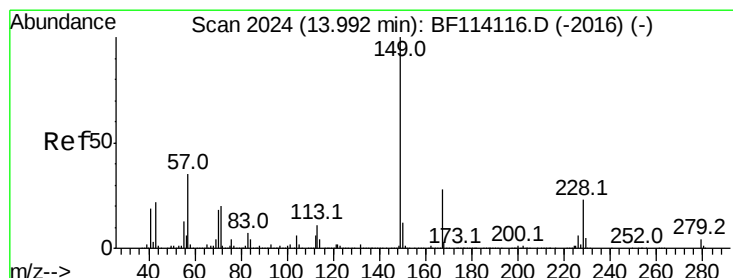
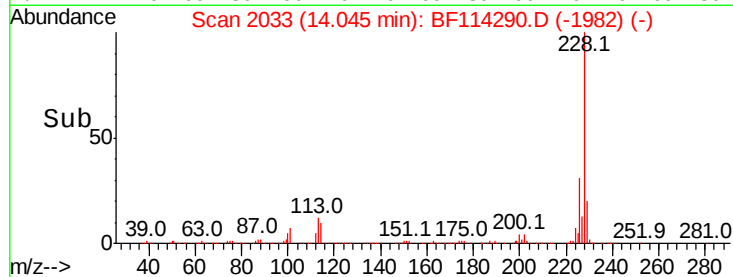
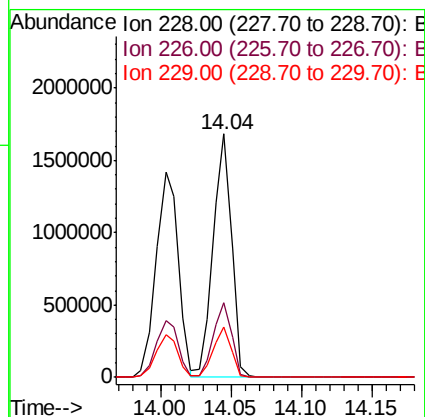
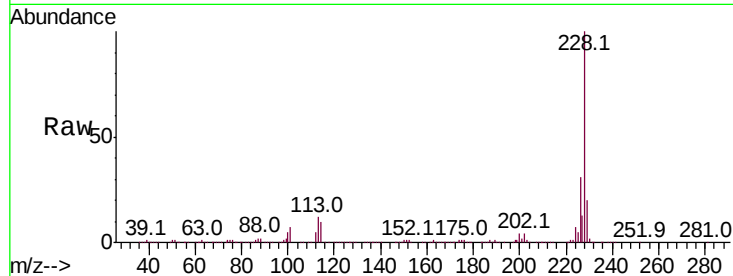
#83
 Chrysene
 Concen: 35.411 ng
 RT: 14.04 min Scan# 2033
 Delta R.T. -0.00 min
 Lab File: BF114290.D
 Acq: 15 May 2019 17:47

Instrument :
 BNA_F
 ClientSampleId :
 PB119740BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.6	25.0	37.6
229	20.5	17.0	25.6

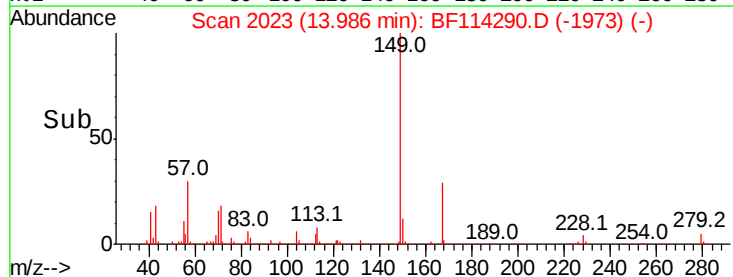
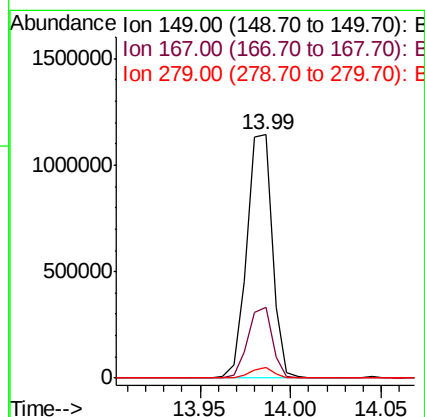
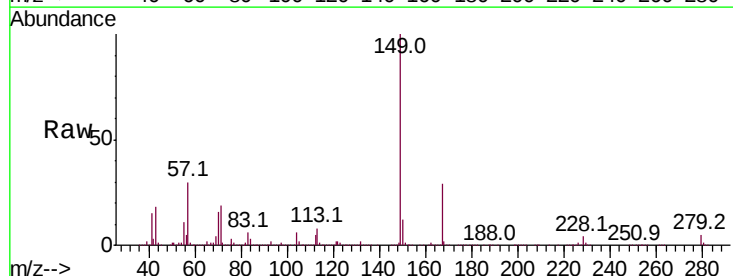
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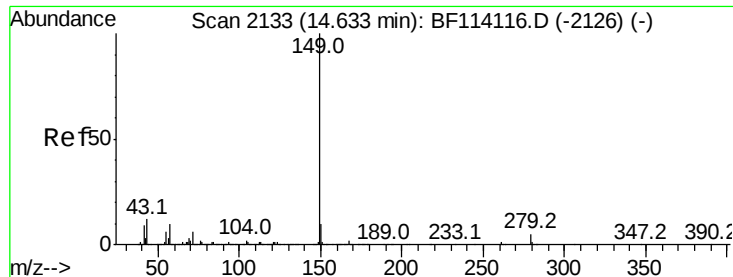
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 36.937 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. -0.01 min
 Lab File: BF114290.D
 Acq: 15 May 2019 17:47

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.1	22.6	33.8
279	4.6	3.0	4.6





#85

Di-n-octyl phthalate

Concen: 38.258 ng

RT: 14.60 min Scan# 2127

Delta R.T. -0.04 min

Lab File: BF114290.D

Acq: 15 May 2019 17:47

Instrument :

BNA_F

ClientSampled :

PB119740BS

Tot Ion:149 Resp: 1873385

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

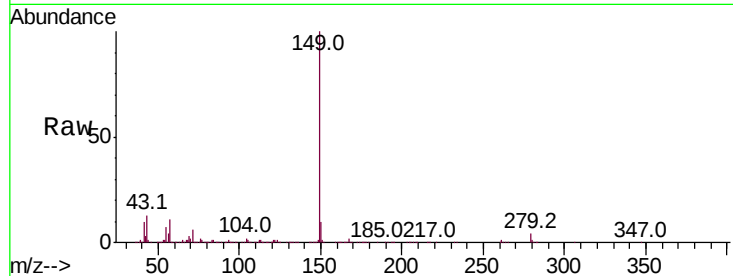
43 12.5 10.1 15.1

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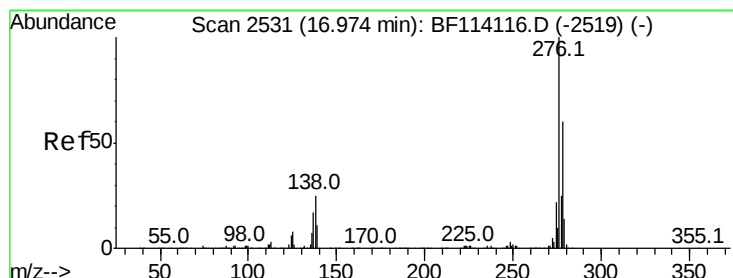
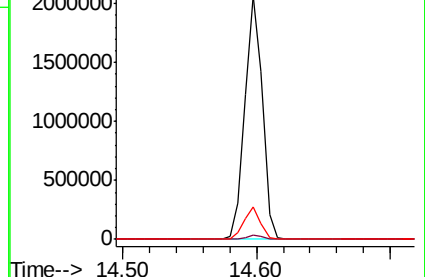
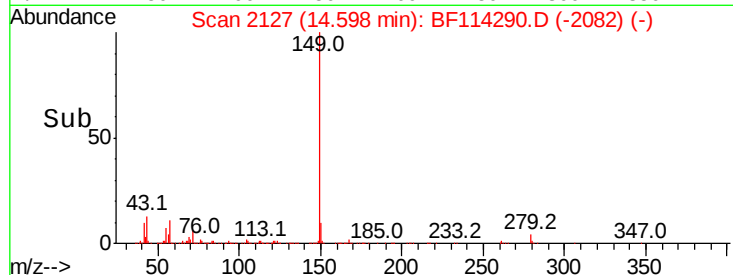
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 34.898 ng

RT: 16.97 min Scan# 2531

Delta R.T. -0.00 min

Lab File: BF114290.D

Acq: 15 May 2019 17:47

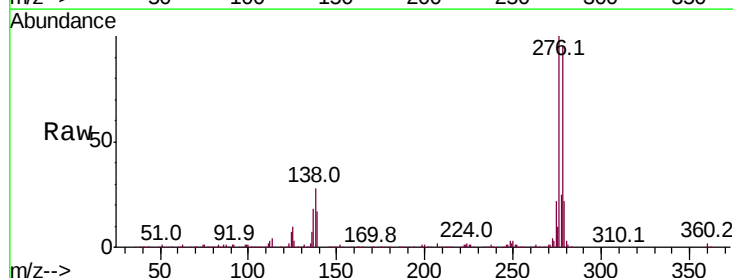
Tgt Ion:276 Resp: 1333873

Ion Ratio Lower Upper

276 100

138 26.3 20.2 30.2

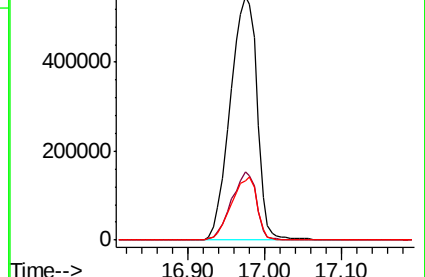
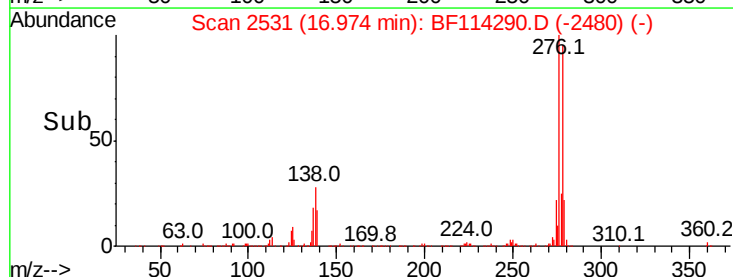
277 25.0 20.0 30.0

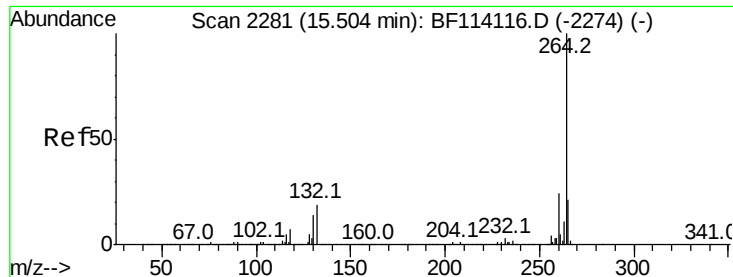


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.49 min Scan# 2278

Delta R.T. -0.02 min

Lab File: BF114290.D

Acq: 15 May 2019 17:47

Instrument :

BNA_F

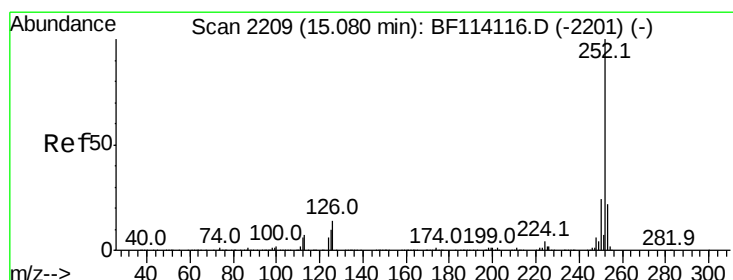
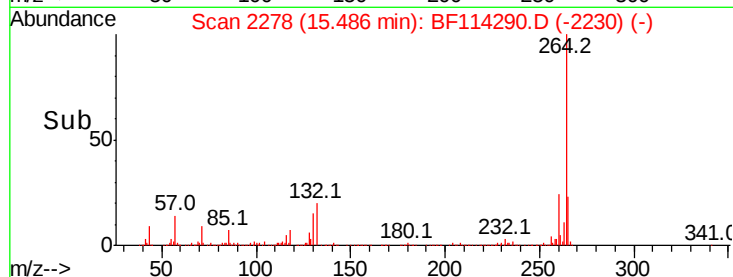
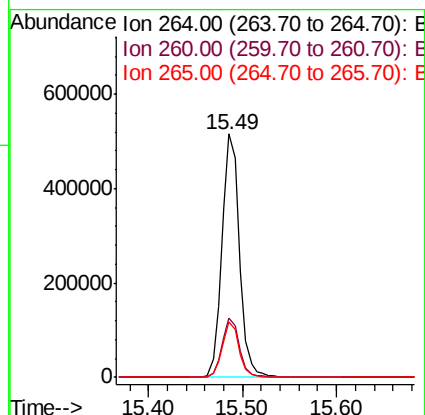
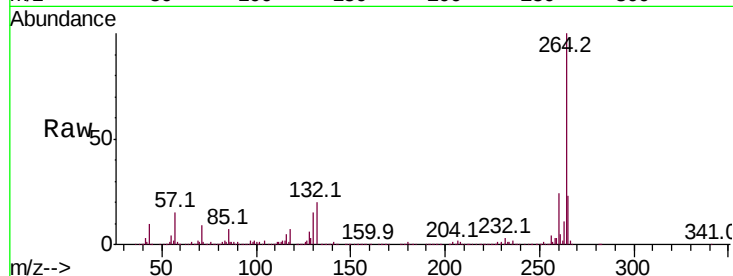
ClientSampleId :

PB119740BS

Tot Ion:	264	Resp:	671761
Ion Ratio	Lower	Upper	
264	100		
260	24.1	19.4	29.0
265	22.8	16.9	25.3

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#88

Benzo(b)fluoranthene

Concen: 35.691 ng

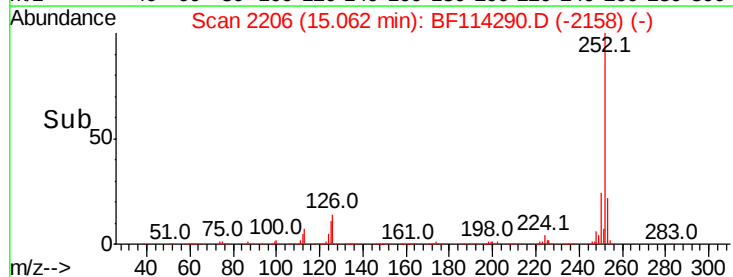
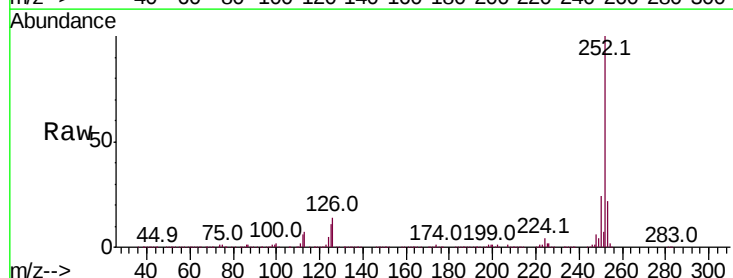
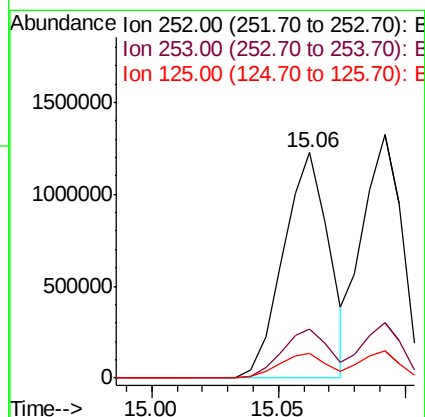
RT: 15.06 min Scan# 2206

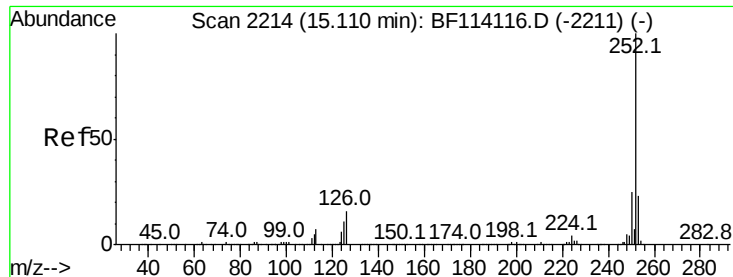
Delta R.T. -0.02 min

Lab File: BF114290.D

Acq: 15 May 2019 17:47

Tgt Ion:	252	Resp:	1536026
Ion Ratio	Lower	Upper	
252	100		
253	21.7	17.8	26.8
125	11.0	8.3	12.5





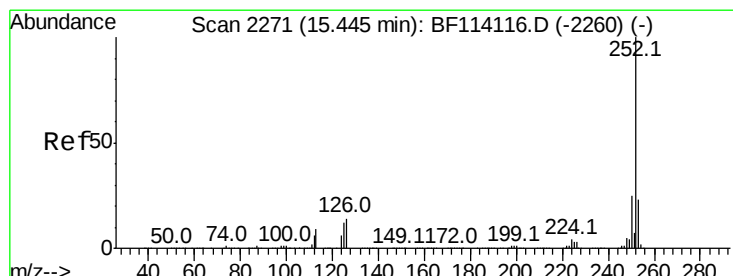
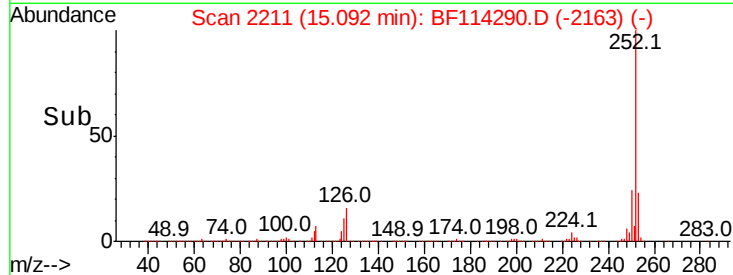
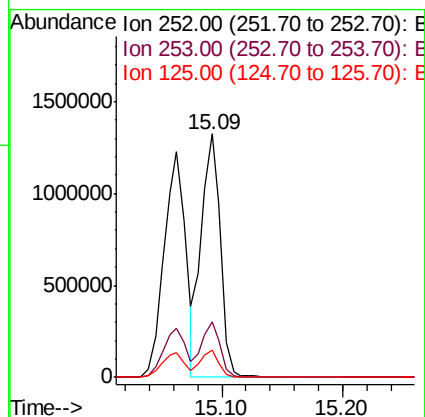
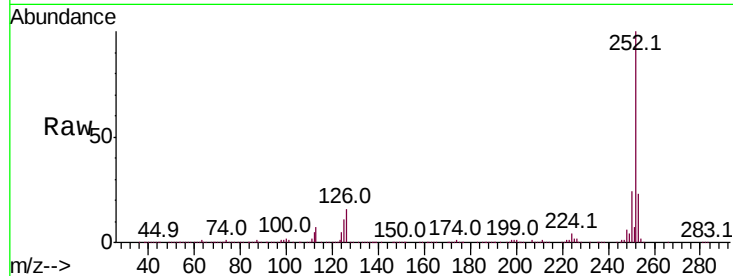
#89
Benzo(k)fluoranthene
Concen: 36.791 ng
RT: 15.09 min Scan# 2211
Delta R.T. -0.02 min
Lab File: BF114290.D
Acq: 15 May 2019 17:47

Instrument :
BNA_F
ClientSampleId :
PB119740BS

Tot Ion:	252	Resp:	1454489
Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.2	27.2
125	11.3	8.6	13.0

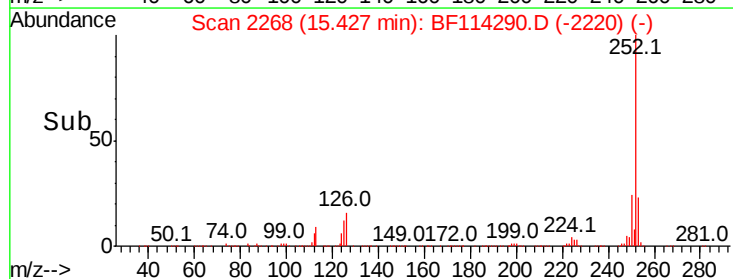
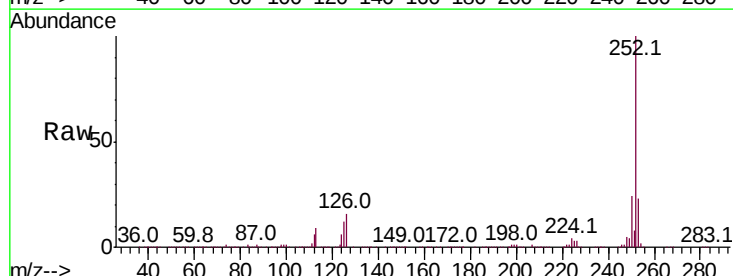
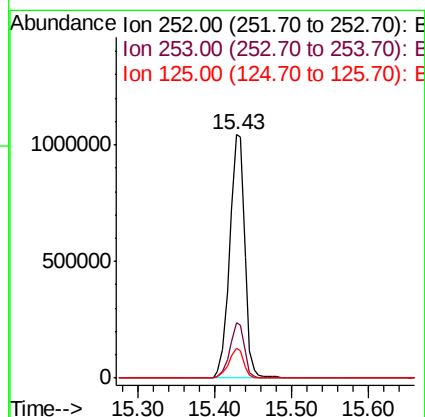
Manual Integrations
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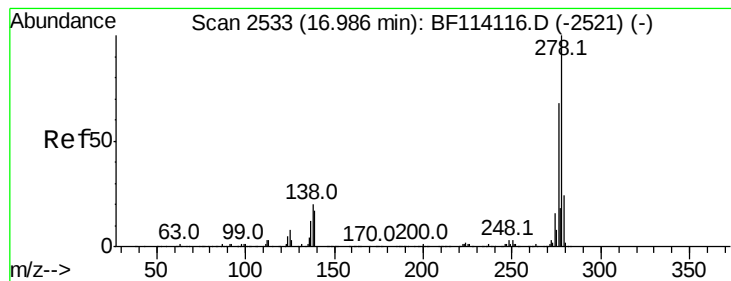
mohammad
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#90
Benzo(a)pyrene
Concen: 37.842 ng
RT: 15.43 min Scan# 2268
Delta R.T. -0.02 min
Lab File: BF114290.D
Acq: 15 May 2019 17:47

Tgt Ion:	252	Resp:	1433317
Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.1	27.1
125	12.4	9.5	14.3





#91

Dibenzo(a,h)anthracene

Concen: 35.265 ng

RT: 16.98 min Scan# 2532

Delta R.T. -0.01 min

Lab File: BF114290.D

Acq: 15 May 2019 17:47

Instrument :

BNA_F

ClientSampleId :

PB119740BS

Tot Ion:278 Resp: 1109910

Ion Ratio Lower Upper

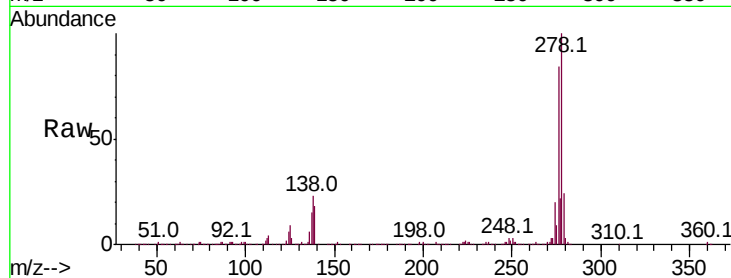
278 100

139 17.6 13.5 20.3

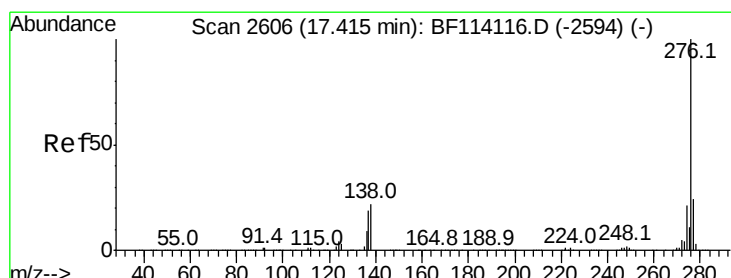
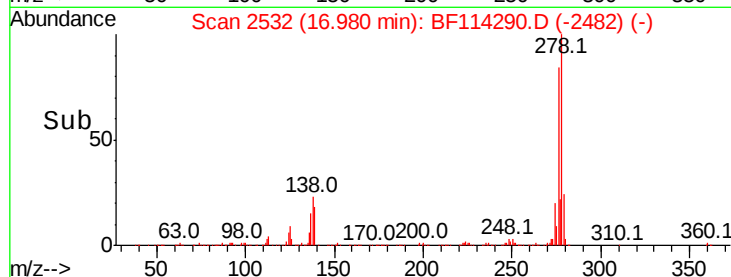
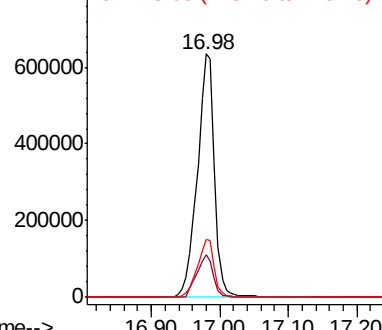
279 24.1 19.0 28.6

Manual Integrations
APPROVED

mohammad
5/16/2019 9:51:03 AM



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: 35.456 ng

RT: 17.42 min Scan# 2606

Delta R.T. -0.00 min

Lab File: BF114290.D

Acq: 15 May 2019 17:47

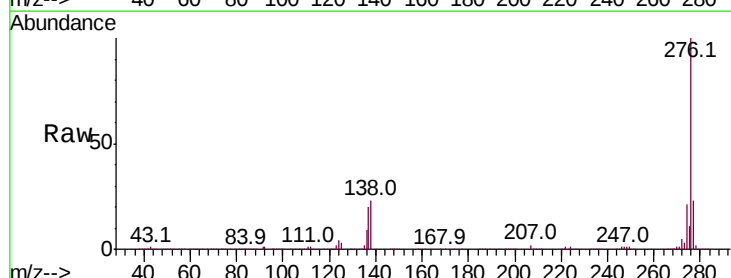
Tgt Ion:276 Resp: 1118320

Ion Ratio Lower Upper

276 100

277 23.4 19.0 28.4

138 23.3 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

