

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051619\
 Data File : BF114306.D
 Acq On : 16 May 2019 13:55
 Operator : JU/SJ
 Sample : PB119776BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB119776BS

Manual Integrations
 APPROVED

mohammad
 5/17/2019 3:04:21 PM

Quant Time: May 17 08:19:52 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	256582	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	1015725	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	484362	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	956655	20.00	ng	0.00
76) Chrysene-d12	14.02	240	700909	20.00	ng	0.00
87) Perylene-d12	15.50	264	675573	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	1617895	101.47	ng	0.02
7) Phenol-d6	6.50	99	2077508	110.17	ng	0.01
23) Nitrobenzene-d5	7.42	82	1171825	64.74	ng	0.00
42) 2,4,6-Tribromophenol	10.68	330	518219	103.49	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1995899	62.33	ng	0.00
79) Terphenyl-d14	12.96	244	2124301	62.48	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.72	88	272603	31.106	ng	98
3) Pyridine	3.47	79	711825	29.480	ng	95
4) n-Nitrosodimethylamine	3.42	42	348853	29.960	ng	94
6) Aniline	6.52	93	626953	23.016	ng	# 24
8) 2-Chlorophenol	6.65	128	616275	36.206	ng	95
9) Benzaldehyde	6.40	77	261170	19.783	ng	100
10) Phenol	6.52	94	743414	33.512	ng	90
11) bis(2-Chloroethyl)ether	6.59	93	615647	36.556	ng	98
12) 1,3-Dichlorobenzene	6.79	146	644878	33.752	ng	99
13) 1,4-Dichlorobenzene	6.87	146	653275	33.931	ng	97
14) 1,2-Dichlorobenzene	7.02	146	605692	34.434	ng	99
15) Benzyl Alcohol	7.00	79	502267	34.150	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.12	45	1115792	34.170	ng	70
17) 2-Methylphenol	7.12	107	504873	36.108	ng	# 92
18) Hexachloroethane	7.36	117	245668	33.994	ng	95
19) n-Nitroso-di-n-propylamine	7.26	70	429164	35.905	ng	99
20) 3+4-Methylphenols	7.27	107	633225	39.198	ng	# 61
22) Acetophenone	7.26	105	817207	36.318	ng	92
24) Nitrobenzene	7.43	77	655837	35.577	ng	95
25) Isophorone	7.67	82	1192365	35.522	ng	98
26) 2-Nitrophenol	7.75	139	338458	37.844	ng	98
27) 2,4-Dimethylphenol	7.79	122	548574	39.054	ng	98
28) bis(2-Chloroethoxy)methane	7.87	93	774219	35.548	ng	99
29) 2,4-Dichlorophenol	8.00	162	503523	35.999	ng	99
30) 1,2,4-Trichlorobenzene	8.07	180	544061	34.207	ng	99
31) Naphthalene	8.15	128	1747289	36.827	ng	99
32) Benzoic acid	7.93	122	292683	31.969	ng	97
33) 4-Chloroaniline	8.20	127	482451	22.314	ng	99
34) Hexachlorobutadiene	8.27	225	304608	33.659	ng	98
35) Caprolactam	8.57	113	180128m	39.495	ng	
36) 4-Chloro-3-methylphenol	8.70	107	535384	38.027	ng	98
37) 2-Methylnaphthalene	8.85	142	1172385	38.298	ng	98
38) 1-Methylnaphthalene	8.95	142	1108628	38.457	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	524734	35.763	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	329880	49.975	nq	97
43) 2,4,6-Trichlorophenol	9.13	196	338796	33.570	nq	99
44) 2,4,5-Trichlorophenol	9.18	196	354693	34.270	nq	99
46) 1,1'-Biphenyl	9.31	154	1402194	35.834	nq	98
47) 2-Chloronaphthalene	9.33	162	1075808	34.162	nq	99
48) 2-Nitroaniline	9.43	65	374729	33.553	nq	99
49) Acenaphthylene	9.75	152	1716384	35.835	nq	99
50) Dimethylphthalate	9.60	163	1232274	34.657	nq	99
51) 2,6-Dinitrotoluene	9.67	165	284527	36.078	nq	92
52) Acenaphthene	9.92	154	996037	33.889	nq	98
53) 3-Nitroaniline	9.85	138	232781	23.778	nq	99
54) 2,4-Dinitrophenol	9.96	184	245469	63.426	nq	98
55) Dibenzofuran	10.09	168	1467010	34.039	nq	99
56) 4-Nitrophenol	10.03	139	363660	52.527	nq	94
57) 2,4-Dinitrotoluene	10.09	165	362090	33.827	nq	96
58) Fluorene	10.44	166	1173594	35.254	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.22	232	285677	31.990	nq	# 99
60) Diethylphthalate	10.30	149	1232926	34.127	nq	98
61) 4-Chlorophenyl-phenylether	10.42	204	570870	34.915	nq	98
62) 4-Nitroaniline	10.46	138	329876	32.066	nq	96
63) Azobenzene	10.59	77	1225637	35.048	nq	100
65) 4,6-Dinitro-2-methylphenol	10.50	198	159633	34.727	nq	86
66) n-Nitrosodiphenylamine	10.55	169	1059807	36.501	nq	99
67) 4-Bromophenyl-phenylether	10.92	248	357252	33.917	nq	97
68) Hexachlorobenzene	10.99	284	386724	33.188	nq	97
69) Atrazine	11.07	200	321073	35.535	nq	97
70) Pentachlorophenol	11.19	266	314025	56.850	nq	99
71) Phenanthrene	11.40	178	1659069	35.646	nq	99
72) Anthracene	11.45	178	1748143	37.395	nq	100
73) Carbazole	11.61	167	1670210	37.467	nq	98
74) Di-n-butylphthalate	11.93	149	1932218	37.623	nq	99
75) Fluoranthene	12.59	202	1839187	36.695	nq	99
77) Benzidine	12.70	184	780884	24.819	nq	97
78) Pyrene	12.82	202	1860192	32.991	nq	100
80) Butylbenzylphthalate	13.43	149	868729	36.605	nq	99
81) Benzo(a)anthracene	14.01	228	1606154	35.429	nq	99
82) 3,3'-Dichlorobenzidine	13.97	252	488651	27.786	nq	99
83) Chrysene	14.05	228	1559990	35.103	nq	99
84) Bis(2-ethylhexyl)phthalate	13.99	149	1201092	38.696	nq	100
85) Di-n-octyl phthalate	14.61	149	2018844	40.123	nq	99
86) Indeno(1,2,3-cd)pyrene	17.00	276	1376943	35.058	nq	99
88) Benzo(b)fluoranthene	15.08	252	1617324	37.368	nq	100
89) Benzo(k)fluoranthene	15.11	252	1465814	36.868	nq	100
90) Benzo(a)pyrene	15.45	252	1482582	38.922	nq	98
91) Dibenzo(a,h)anthracene	17.01	278	1150037	36.334	nq	98
92) Benzo(g,h,i)perylene	17.44	276	1144867	36.093	nq	99

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

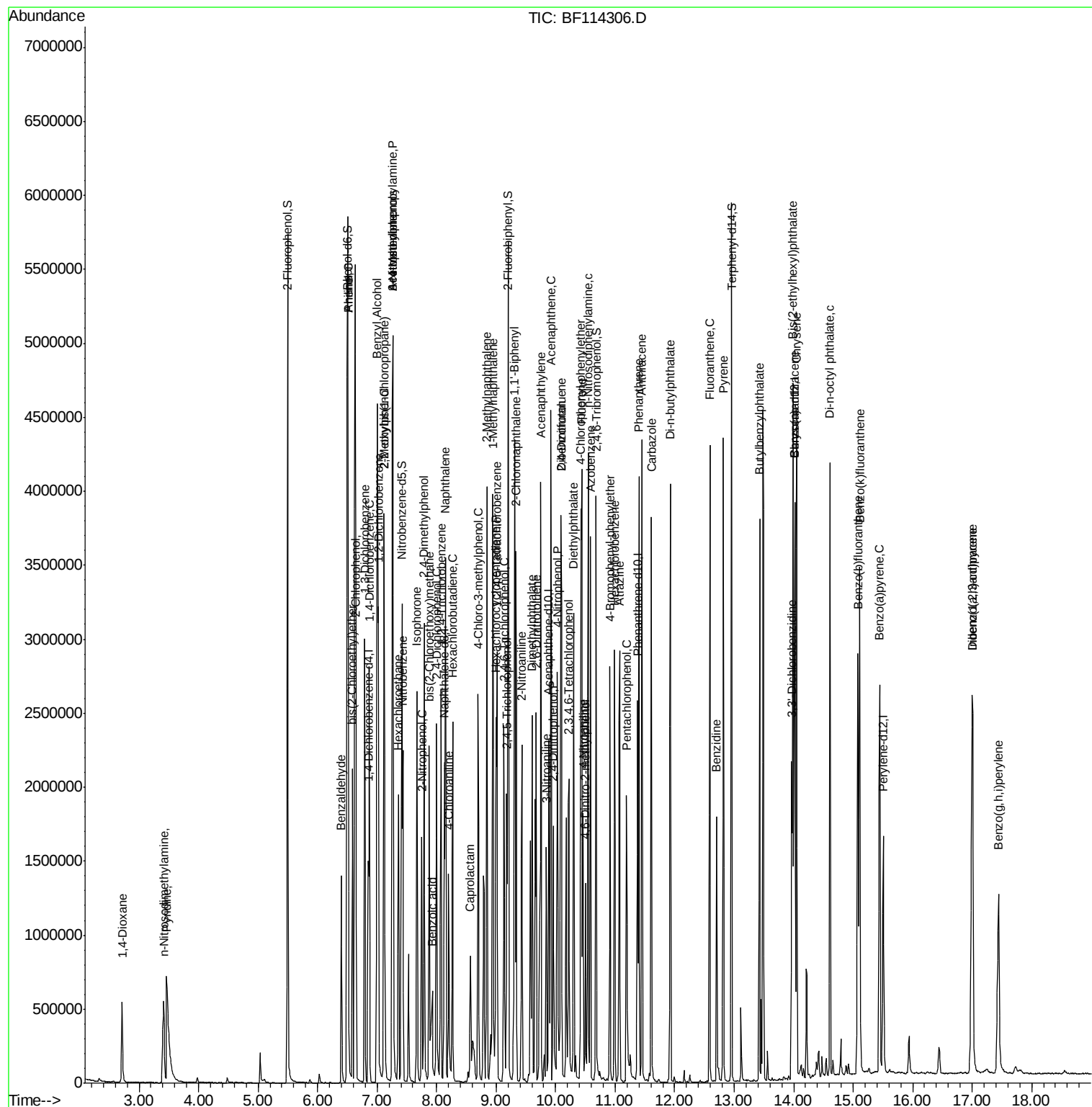
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051619\
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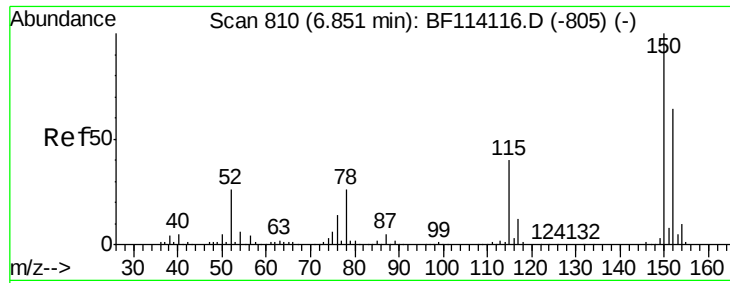
Instrument :
BNA_F
ClientSampleId :
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#1

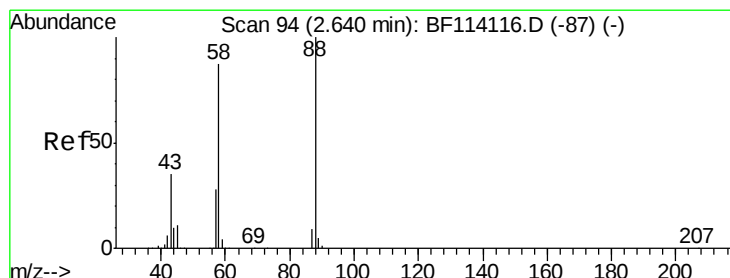
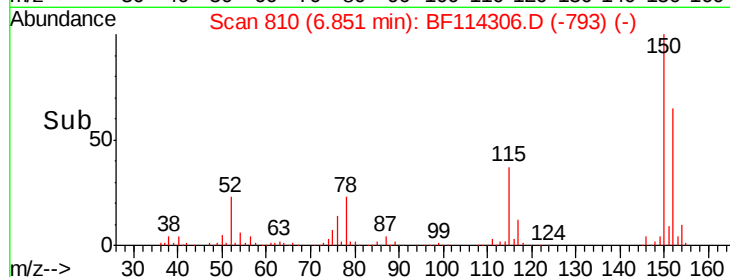
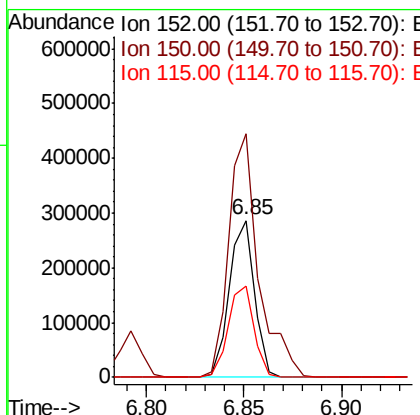
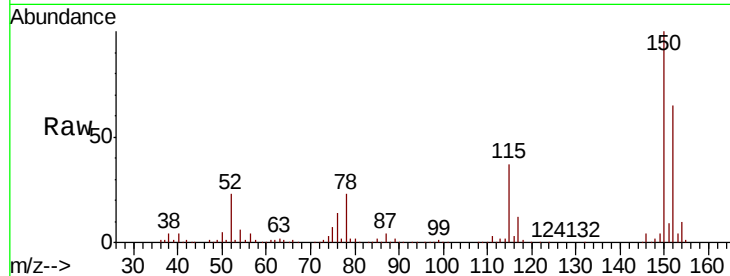
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF114306.D
Acq: 16 May 2019 13:55

Instrument :
BNA_F
ClientSampleId :
PB119776BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.9	124.3	186.5
115	57.8	49.1	73.7

Manual Integrations
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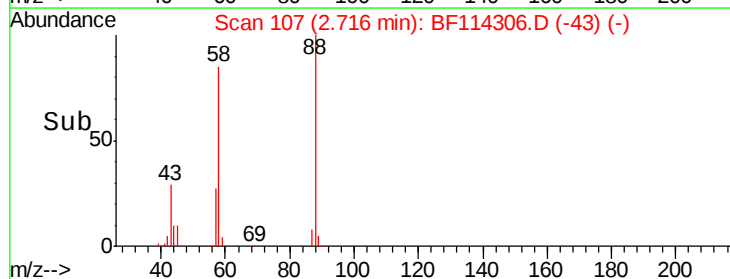
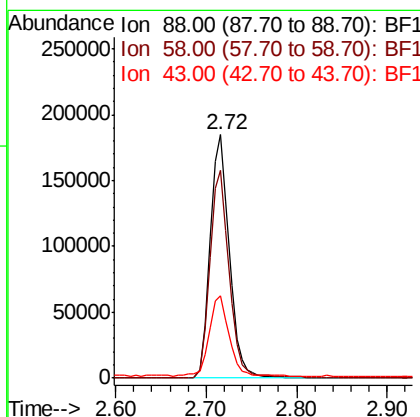
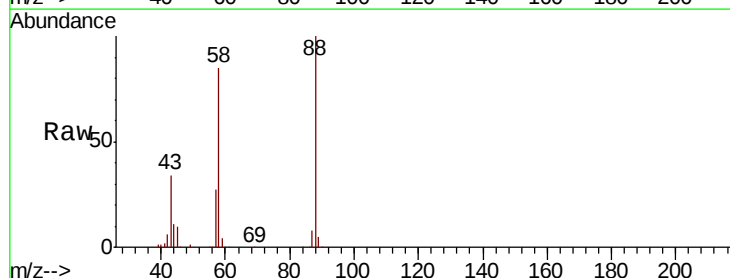
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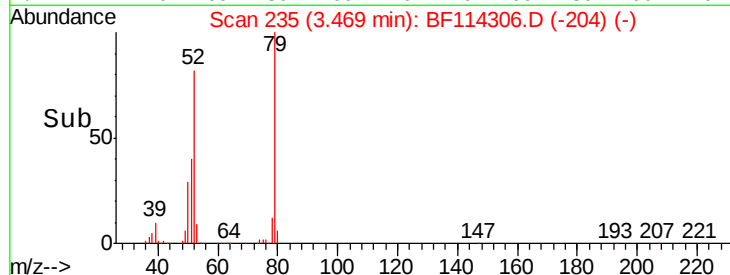
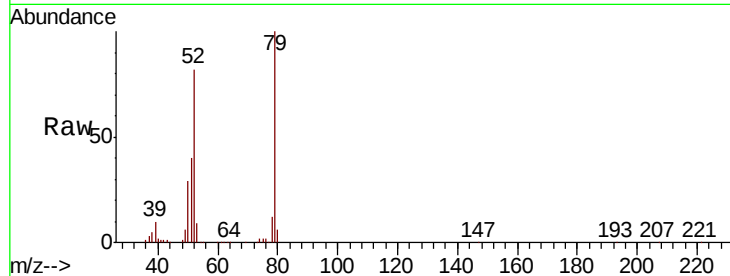
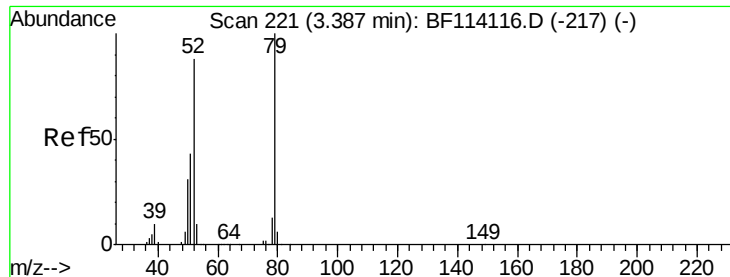


#2

1,4-Dioxane
Concen: 31.106 ng
RT: 2.72 min Scan# 107
Delta R.T. 0.08 min
Lab File: BF114306.D
Acq: 16 May 2019 13:55

Tgt Ion	Ratio	Lower	Upper
88	100		
58	84.3	68.7	103.1
43	34.5	28.2	42.2





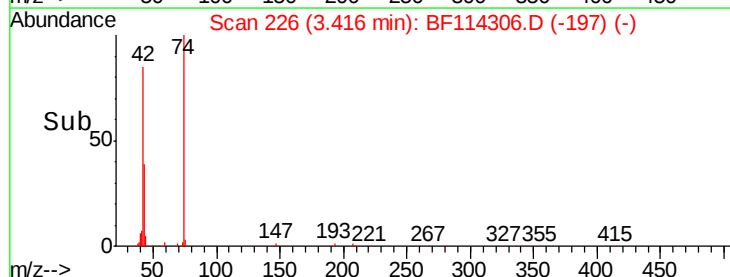
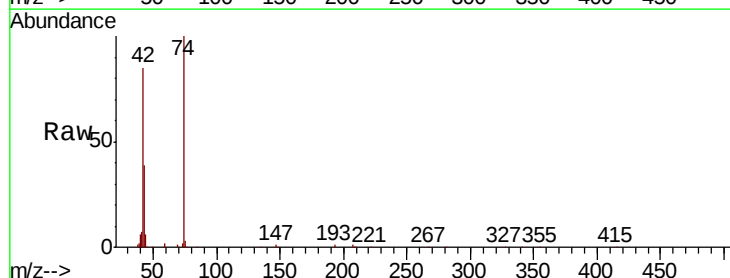
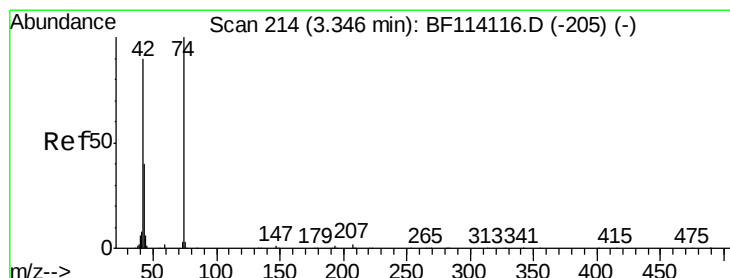
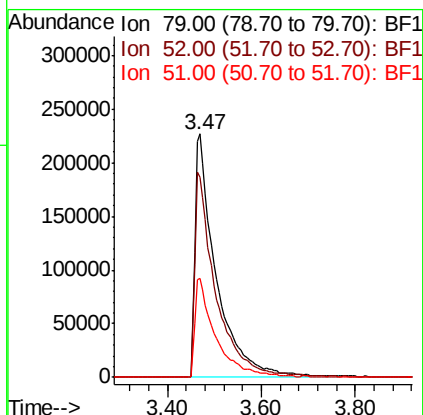
#3
Pvridine
Concen: 29.480 ng
RT: 3.47 min Scan# 235
Delta R.T. 0.08 min
Lab File: BF114306.D
Acq: 16 May 2019 13:55

Tot Ion	Ratio	Lower	Upper
79	100		
52	82.2	70.6	105.8
51	40.4	34.2	51.2

Instrument :
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ClientSampleId :
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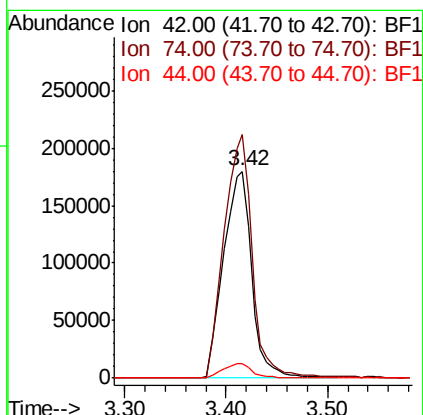
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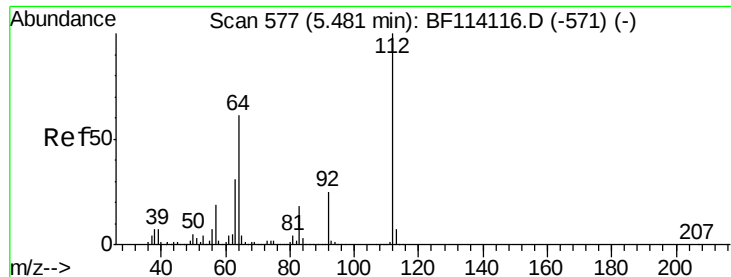
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#4
n-Nitrosodimethylamine
Concen: 29.960 ng
RT: 3.42 min Scan# 226
Delta R.T. 0.07 min
Lab File: BF114306.D
Acq: 16 May 2019 13:55

Tgt Ion	Ratio	Lower	Upper
42	100		
74	117.7	88.6	132.8
44	6.7	5.5	8.3





#5

2-Fluorophenol

Concen: 101.473 ng

RT: 5.50 min Scan# 580

Delta R.T. 0.02 min

Lab File: BF114306.D

Acq: 16 May 2019 13:55

Instrument :

BNA_F

ClientSampleId :

PB119776BS

Tot Ion: 112 Resp: 1617895

Ion Ratio Lower Upper

112 100

64 65.9 49.0 73.6

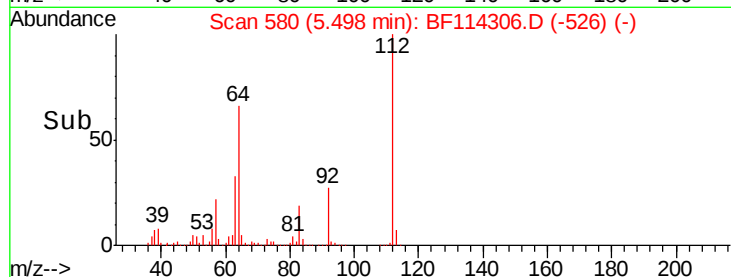
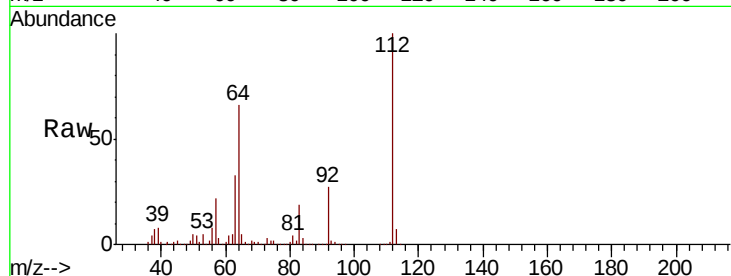
63 33.3 24.6 37.0

Manual Integrations

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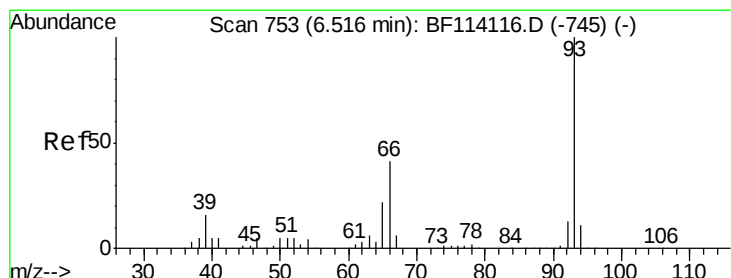
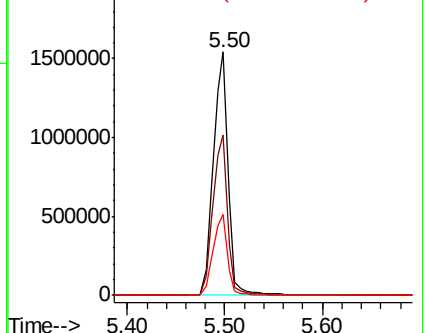
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Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 23.016 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.00 min

Lab File: BF114306.D

Acq: 16 May 2019 13:55

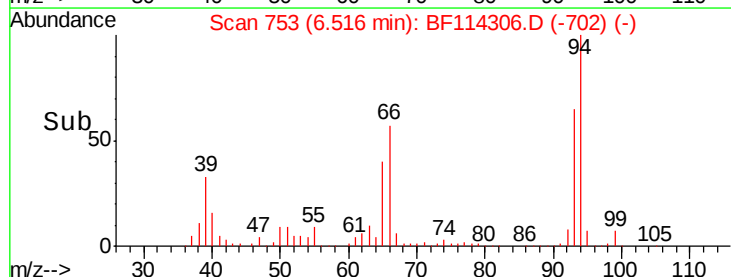
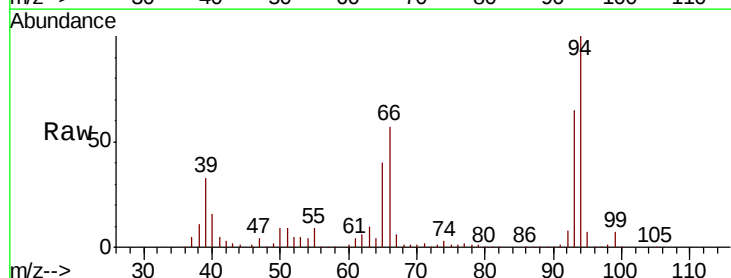
Tgt Ion: 93 Resp: 626953

Ion Ratio Lower Upper

93 100

66 87.3 33.2 49.8#

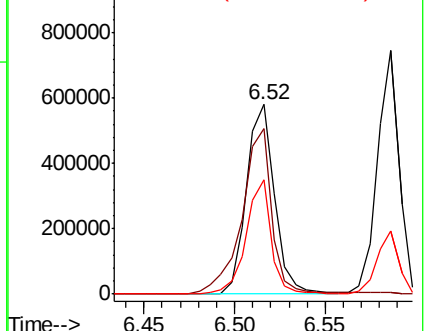
65 60.5 17.6 26.4#

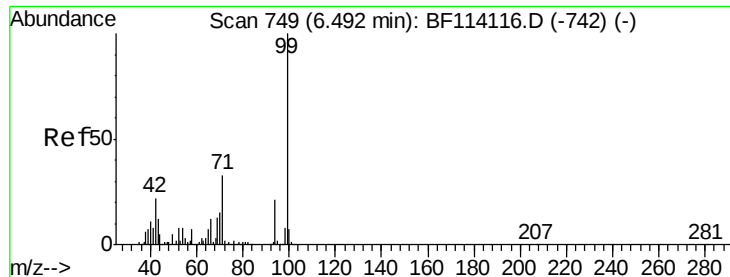


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 110.168 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF114306.D

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Tot Ion: 99 Resp: 2077508

Ion Ratio Lower Upper

99 100

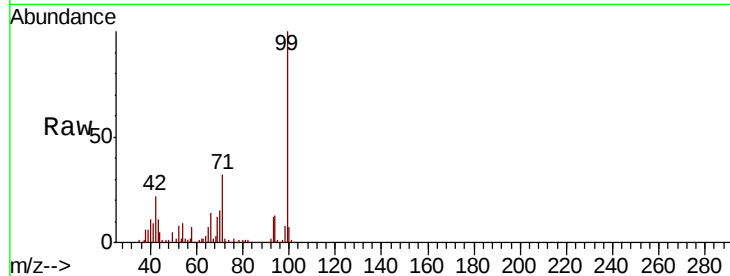
42 22.0 17.9 26.9

71 32.4 26.2 39.2

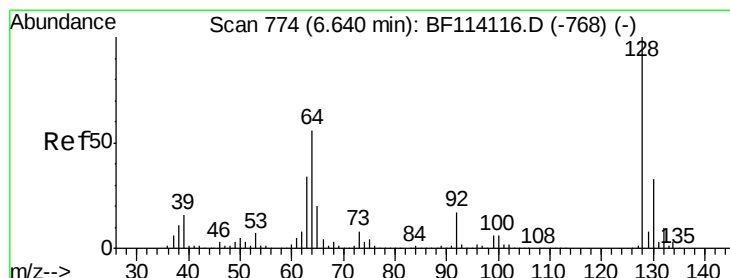
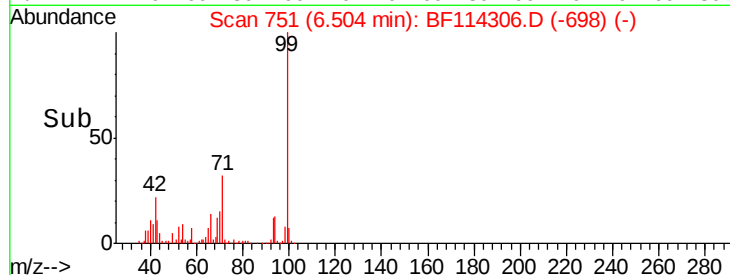
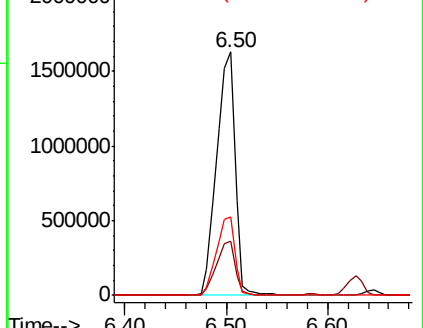
Manual Integrations
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 36.206 ng

RT: 6.65 min Scan# 775

Delta R.T. 0.01 min

Lab File: BF114306.D

Acq: 16 May 2019 13:55

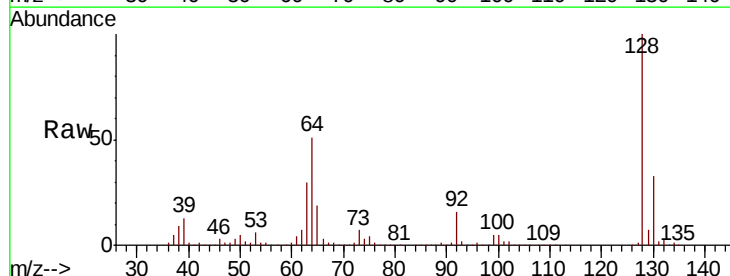
Tgt Ion: 128 Resp: 616275

Ion Ratio Lower Upper

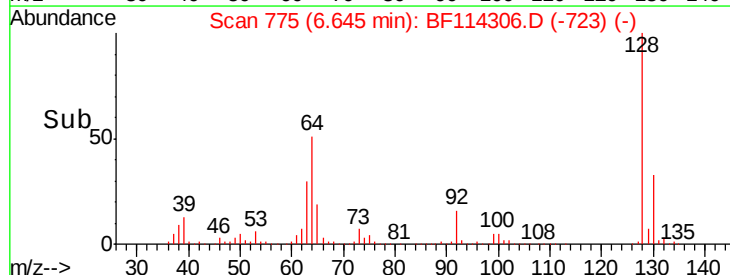
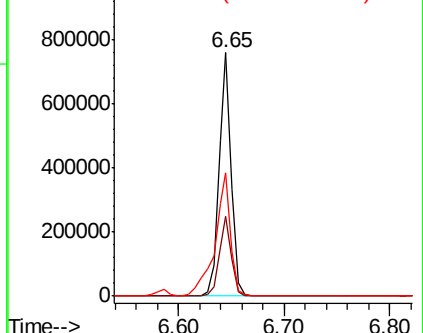
128 100

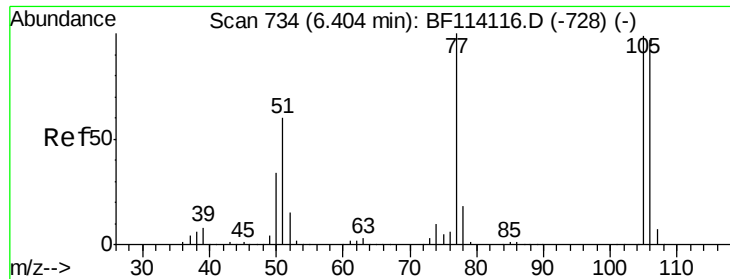
130 32.8 12.6 52.6

64 50.7 35.9 75.9



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 19.783 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF114306.D

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BNA_F

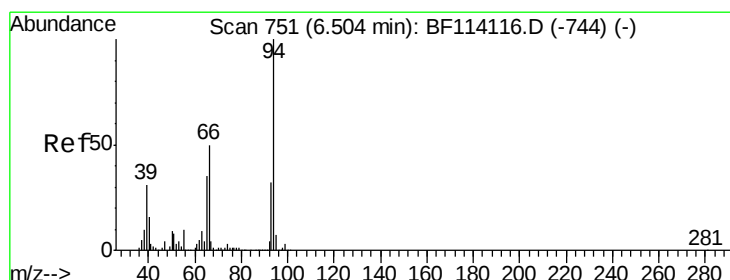
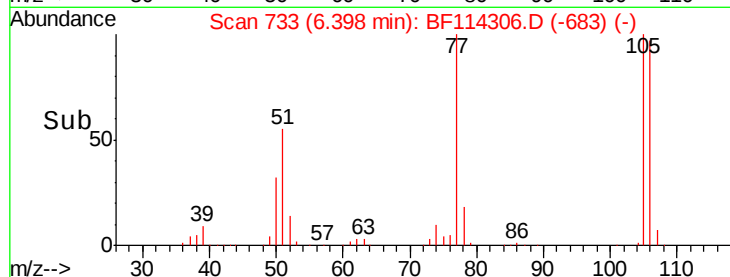
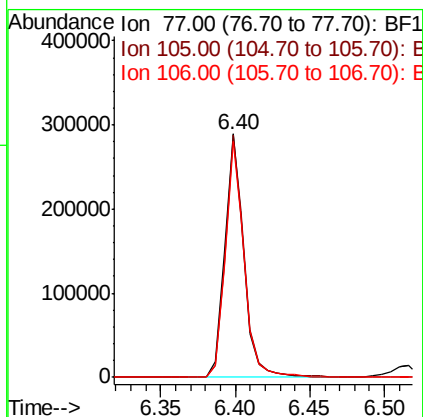
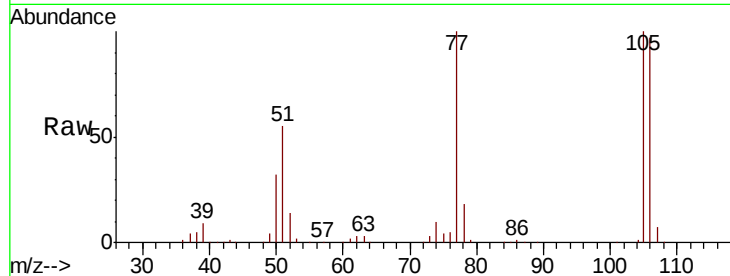
ClientSampleId :

PB119776BS

Tot Ion:	77	Resp:	261170
Ion	Ratio	Lower	Upper
77	100		
105	99.6	79.3	119.3
106	96.9	77.0	117.0

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#10

Phenol

Concen: 33.512 ng

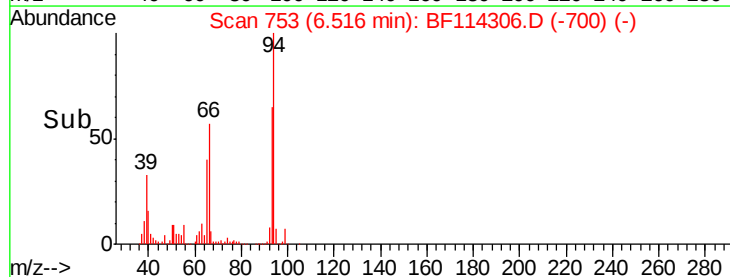
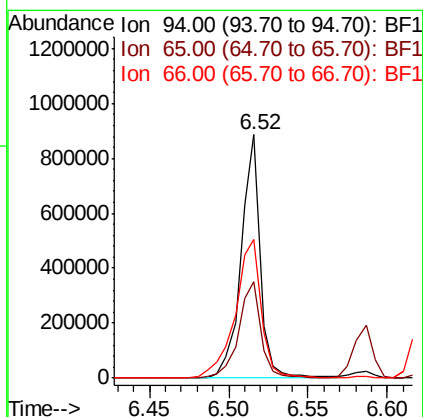
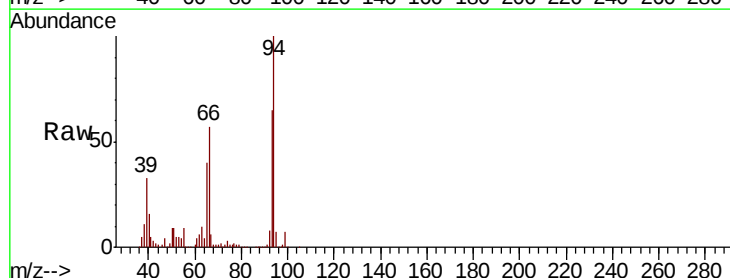
RT: 6.52 min Scan# 753

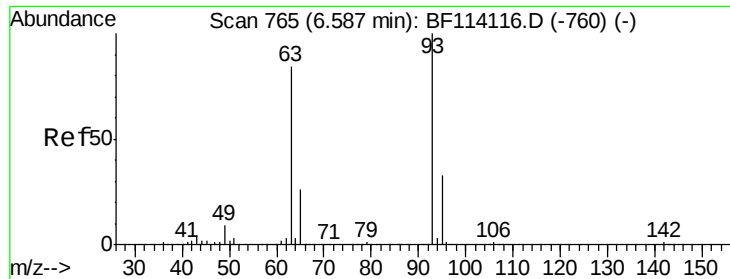
Delta R.T. 0.01 min

Lab File: BF114306.D

Acq: 16 May 2019 13:55

Tgt Ion:	94	Resp:	743414
Ion	Ratio	Lower	Upper
94	100		
65	39.5	14.7	54.7
66	57.1	29.6	69.6





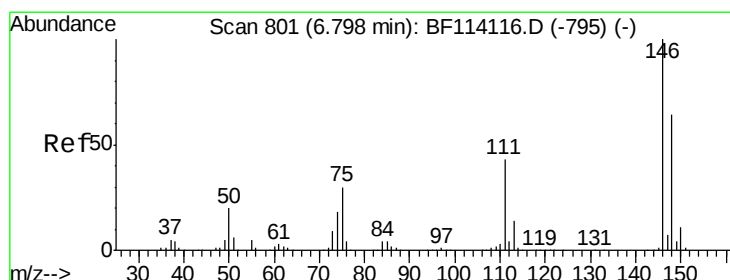
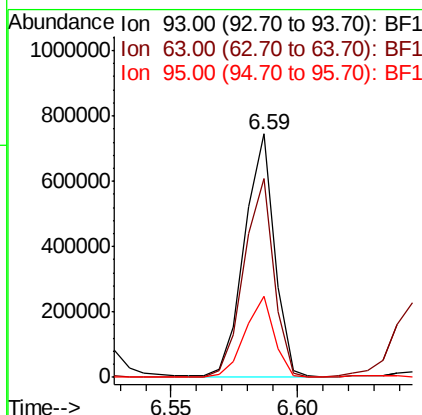
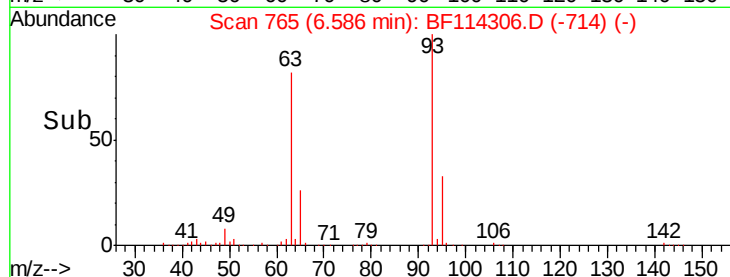
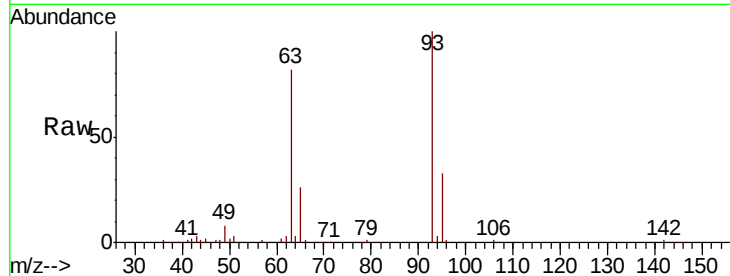
#11
 bis(2-Chloroethyl)ether
 Concen: 36.556 ng
 RT: 6.59 min Scan# 765
 Delta R.T. -0.00 min
 Lab File: BF114306.D
 Acq: 16 May 2019 13:55

Instrument :
 BNA_F
 ClientSampleId :
 PB119776BS

Tot Ion:	93	Resp:	615647
Ion	Ratio	Lower	Upper
93	100		
63	81.7	63.6	103.6
95	33.2	13.1	53.1

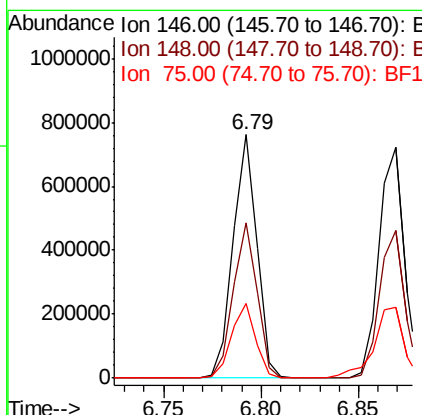
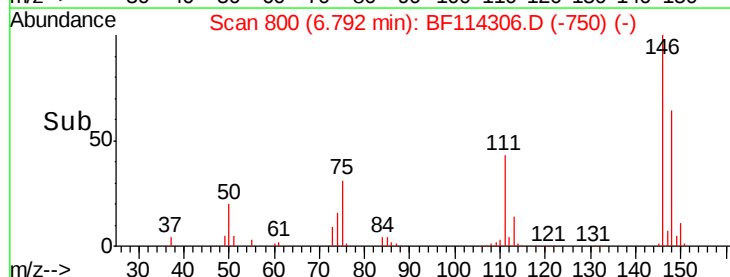
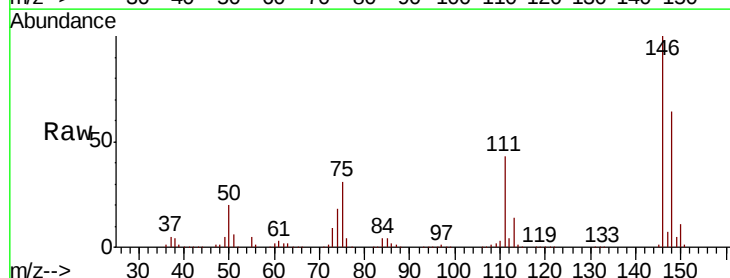
Manual Integrations
 APPROVED

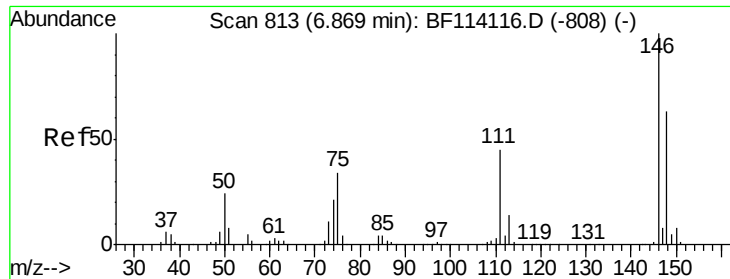
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#12
 1,3-Dichlorobenzene
 Concen: 33.752 ng
 RT: 6.79 min Scan# 800
 Delta R.T. -0.01 min
 Lab File: BF114306.D
 Acq: 16 May 2019 13:55

Tgt Ion:	146	Resp:	644878
Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.6	77.4
75	30.8	24.2	36.2





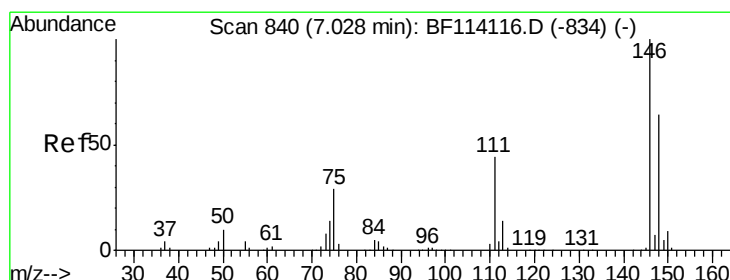
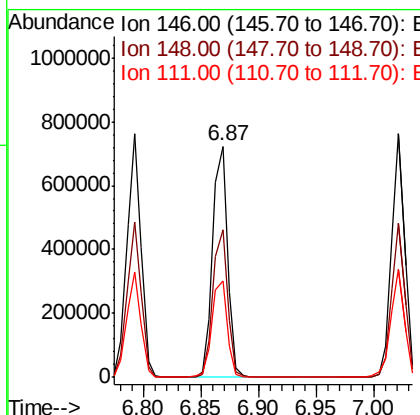
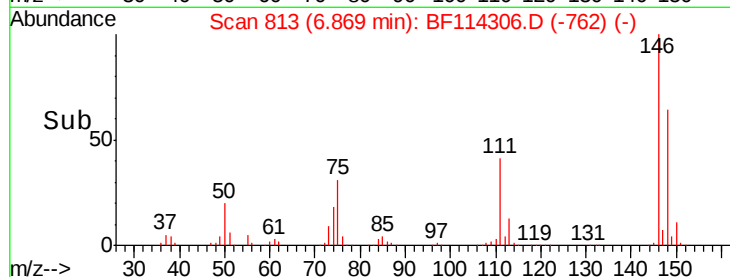
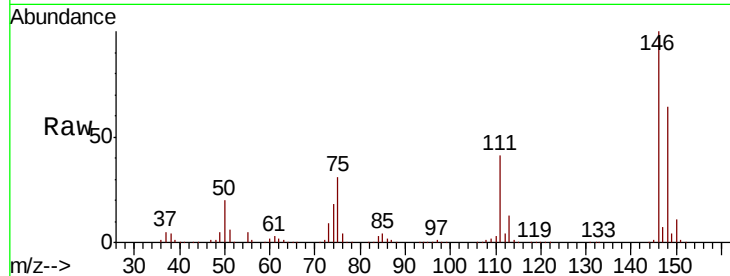
#13
 1,4-Dichlorobenzene
 Concen: 33.931 ng
 RT: 6.87 min Scan# 813
 Delta R.T. -0.00 min
 Lab File: BF114306.D
 Acq: 16 May 2019 13:55

Instrument :
 BNA_F
 ClientSampled :
 PB119776BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.9	50.2	75.2
111	41.5	35.8	53.6

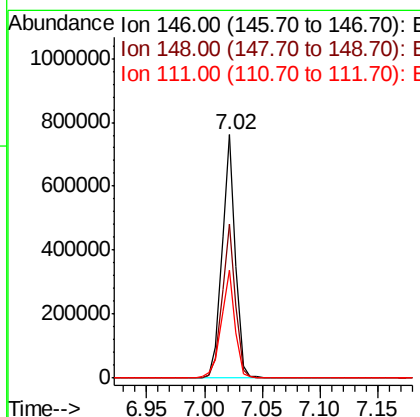
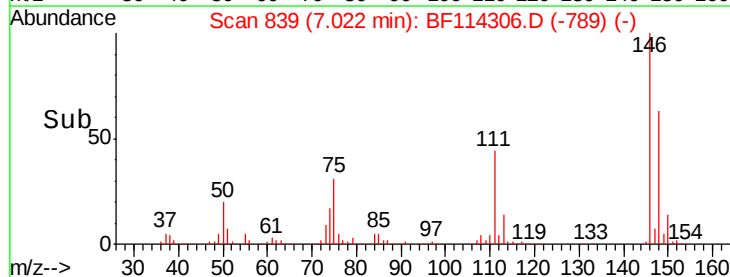
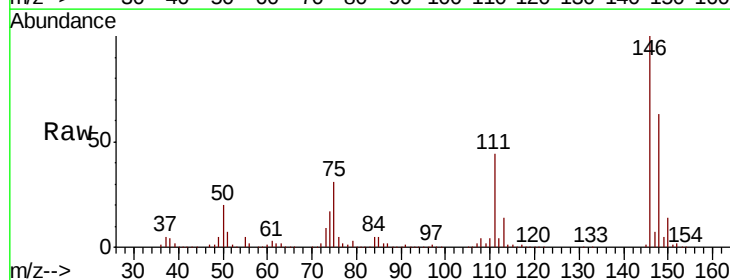
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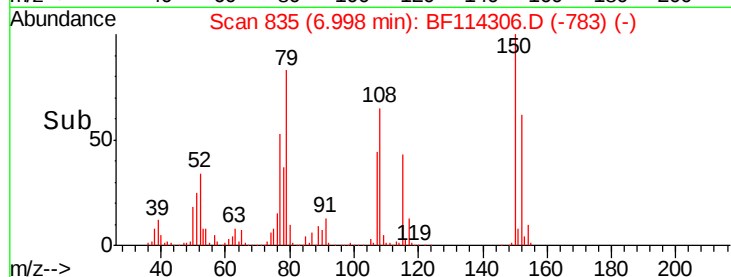
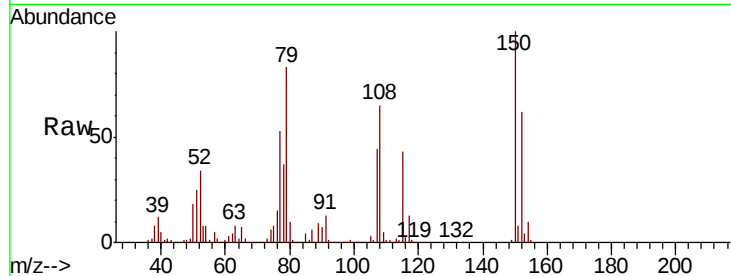
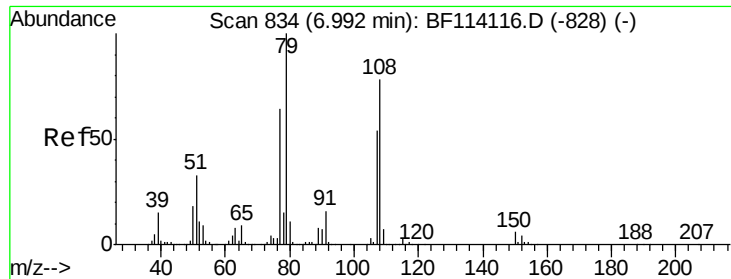
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#14
 1,2-Dichlorobenzene
 Concen: 34.434 ng
 RT: 7.02 min Scan# 839
 Delta R.T. -0.01 min
 Lab File: BF114306.D
 Acq: 16 May 2019 13:55

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.1	76.7
111	44.3	35.3	52.9





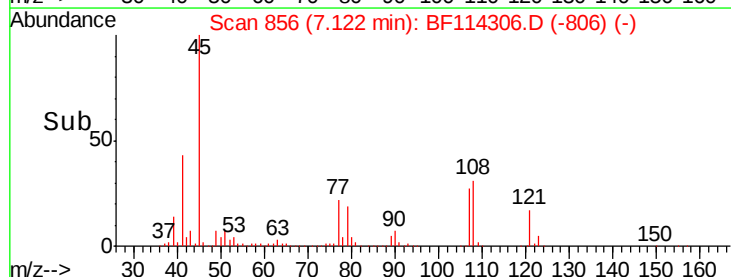
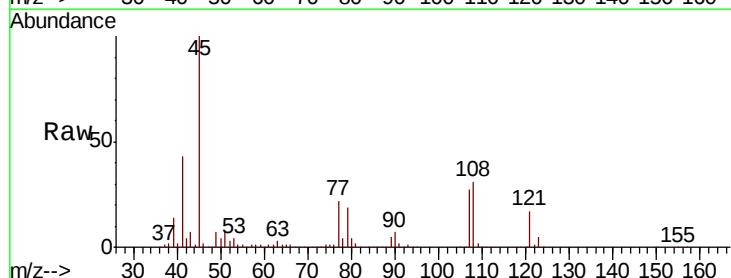
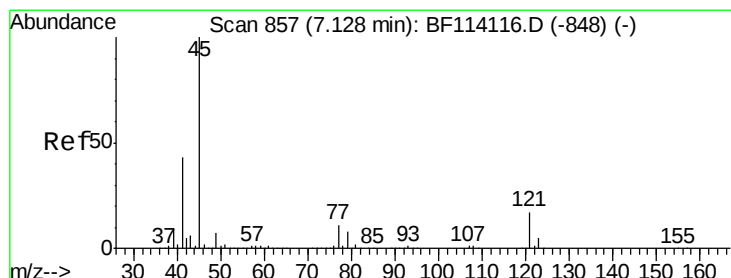
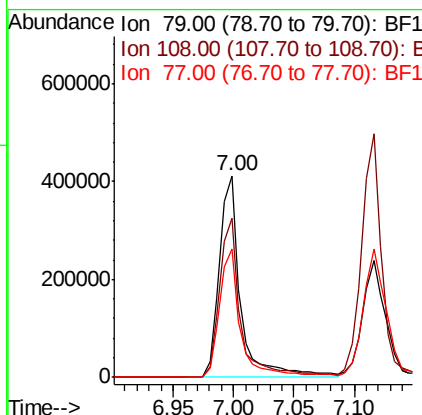
#15
Benzyl Alcohol
Concen: 34.150 ng
RT: 7.00 min Scan# 835
Delta R.T. 0.01 min
Lab File: BF114306.D
Acq: 16 May 2019 13:55

Tot Ion	Ratio	Lower	Upper
79	100		
108	78.6	62.1	93.1
77	63.5	51.0	76.6

Instrument :
BNA_F
ClientSampleId :
PB119776BS

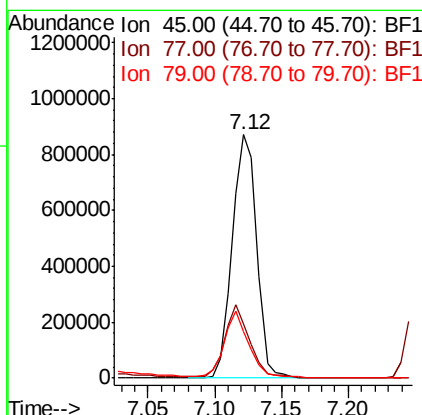
Manual Integrations
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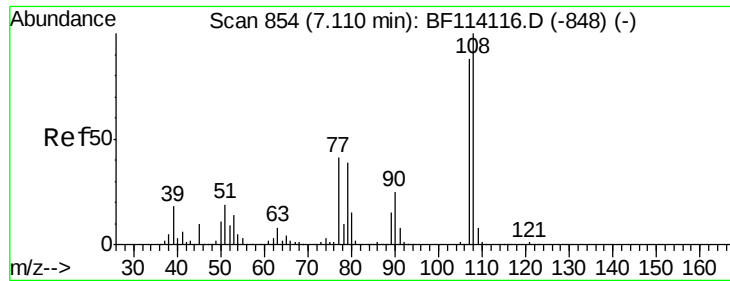
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.170 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF114306.D
Acq: 16 May 2019 13:55

Tgt Ion	Ratio	Lower	Upper
45	100		
77	22.3	0.0	31.1
79	19.3	0.0	28.4





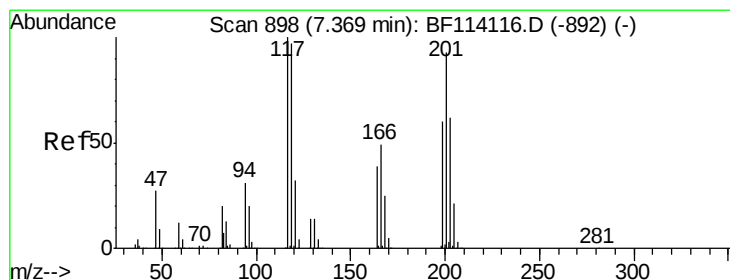
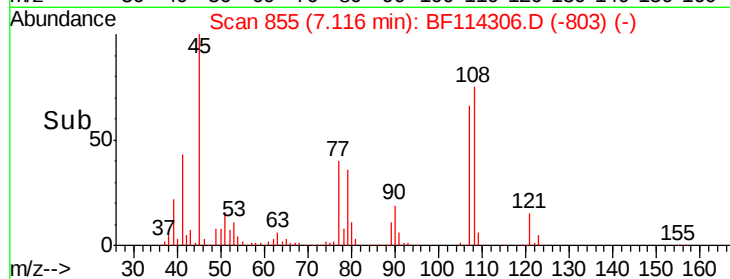
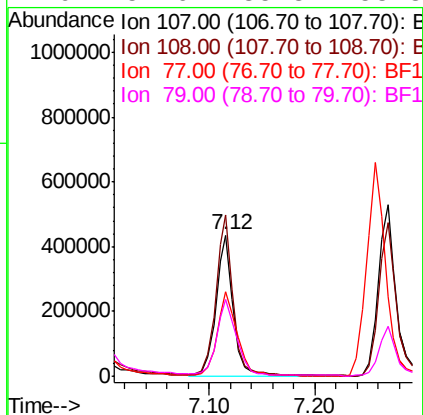
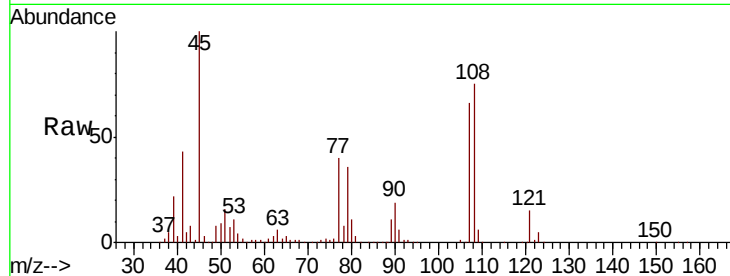
#17
2-Methylphenol
Concen: 36.108 ng
RT: 7.12 min Scan# 855
Delta R.T. 0.01 min
Lab File: BF114306.D
Acq: 16 May 2019 13:55

Instrument :
BNA_F
ClientSampled :
PB119776BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.0	90.5	135.7	
77	60.0	37.0	55.4	
79	54.6	35.8	53.8	

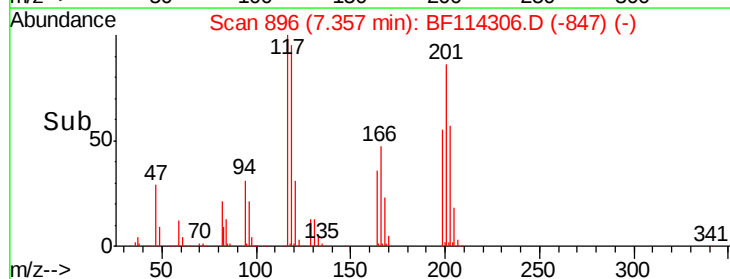
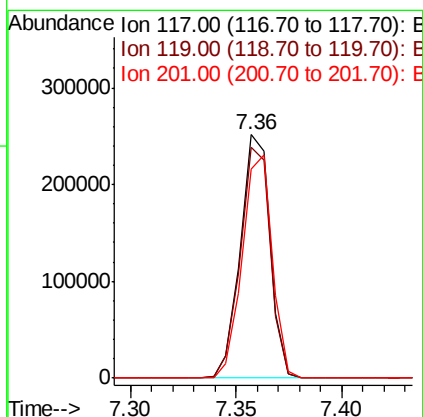
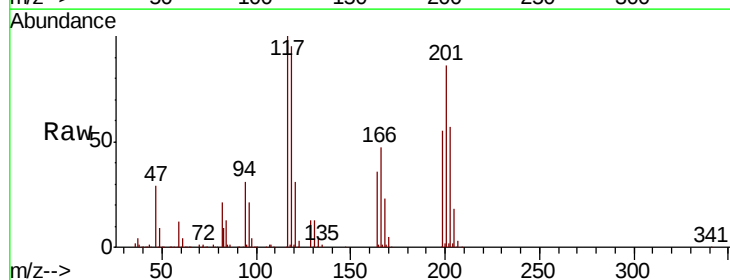
Manual Integrations
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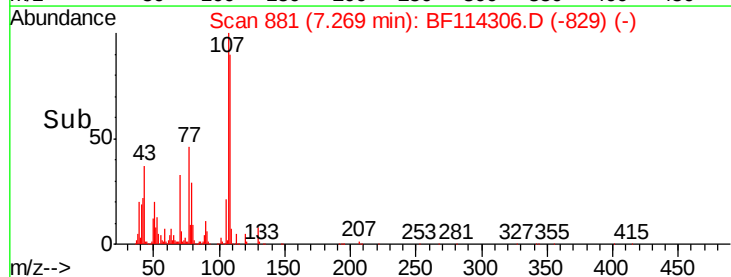
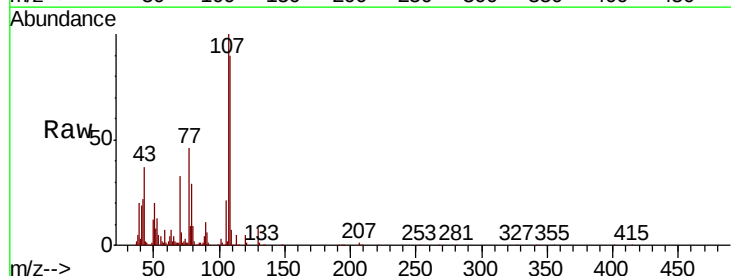
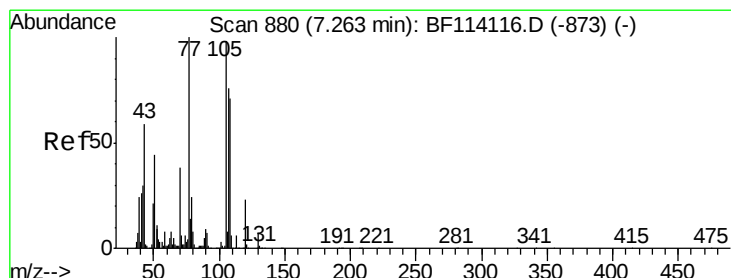
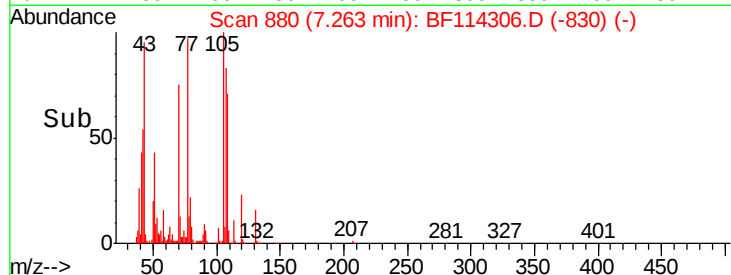
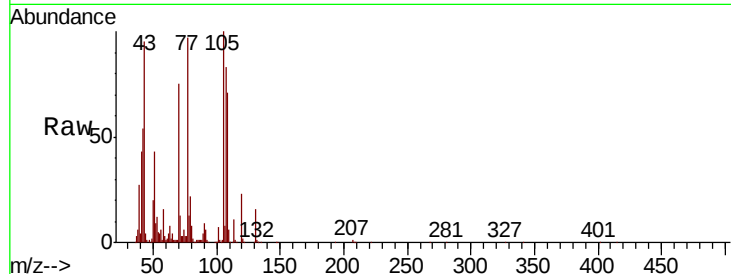
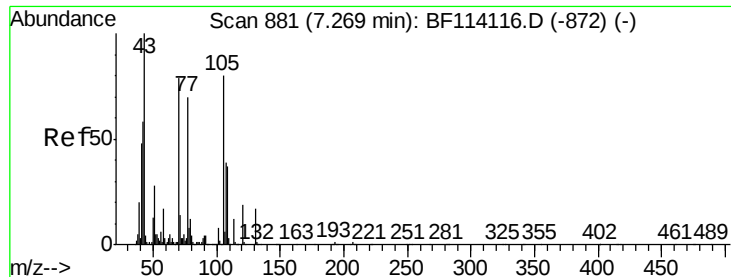
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#18
Hexachloroethane
Concen: 33.994 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF114306.D
Acq: 16 May 2019 13:55

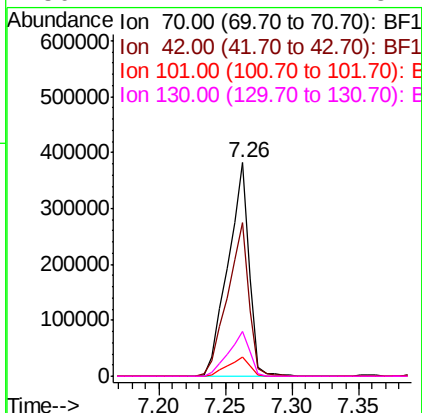
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.8	77.4	116.2	
201	85.8	74.5	111.7	





#19
n-Nitroso-di-n-propylamine
Concen: 35.905 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF114306.D
Acq: 16 May 2019 13:55

Tot Ion	Ratio	Lower	Upper
70	100		
42	71.9	58.6	87.8
101	9.3	7.8	11.8
130	21.2	17.1	25.7



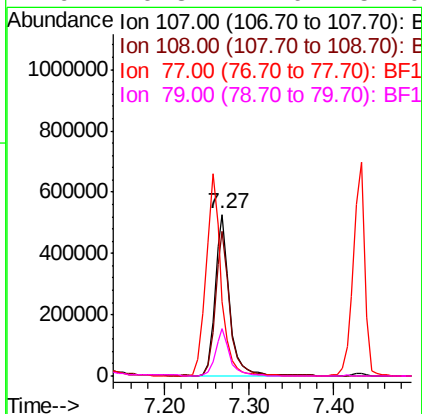
Instrument :
BNA_F
ClientSampleId :
PB119776BS

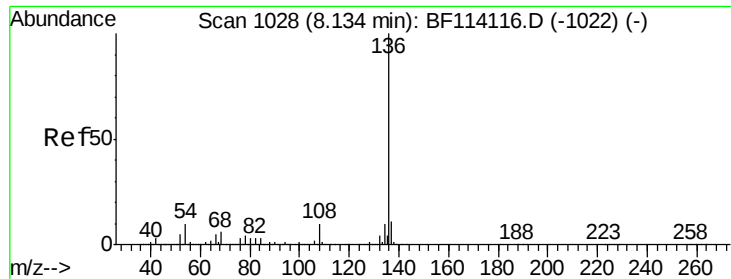
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#20
3+4-Methylphenols
Concen: 39.198 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.01 min
Lab File: BF114306.D
Acq: 16 May 2019 13:55

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.7	73.8	113.8
77	46.1	111.5	151.5#
79	29.3	12.0	52.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1028

Delta R.T. -0.00 min

Lab File: BF114306.D

Acq: 16 May 2019 13:55

Instrument :

BNA_F

ClientSampleId :

PB119776BS

Tot Ion:136 Resp: 1015725

Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

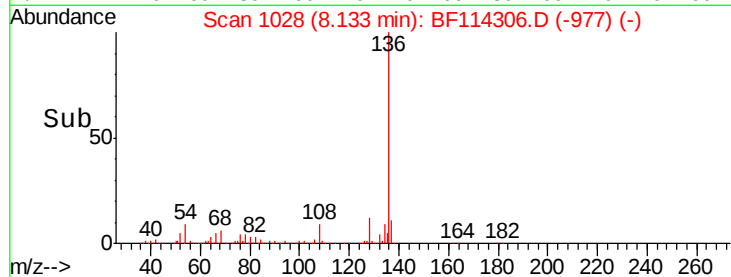
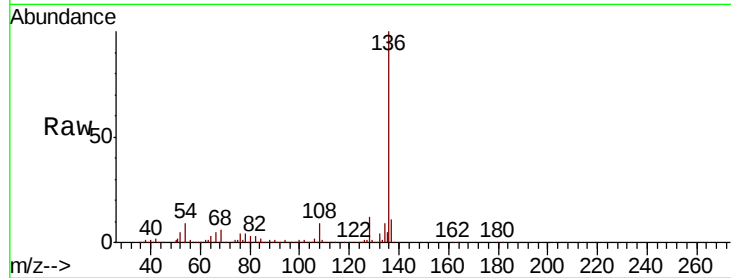
54 9.3 7.8 11.8

68 6.4 5.1 7.7

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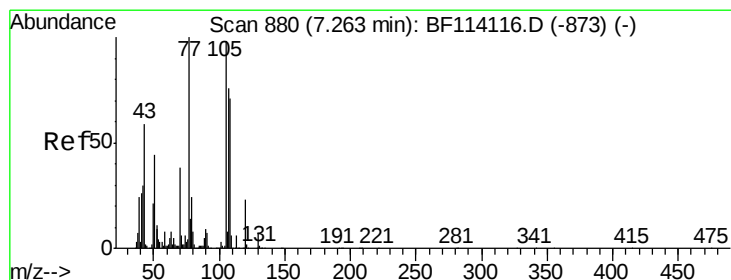
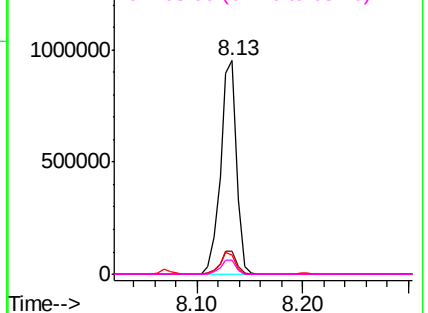
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 36.318 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.01 min

Lab File: BF114306.D

Acq: 16 May 2019 13:55

Tgt Ion:105 Resp: 817207

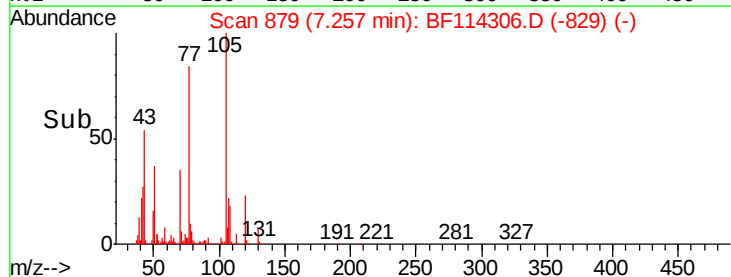
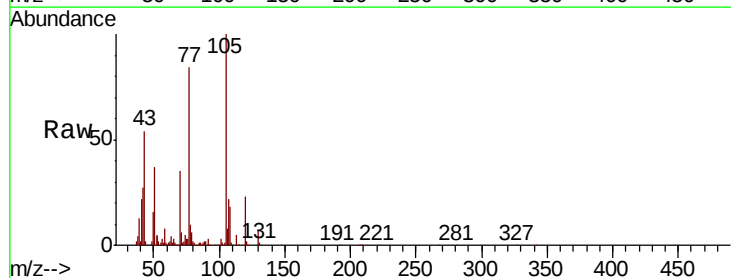
Ion Ratio Lower Upper

105 100

71 6.2 5.3 7.9

51 37.3 36.2 54.4

120 22.9 18.6 28.0



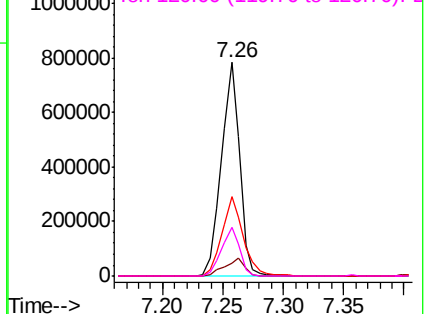
Abundance

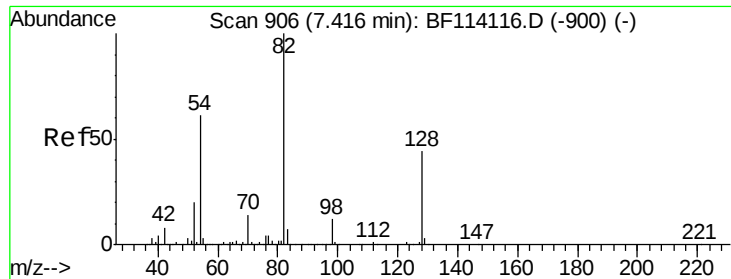
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





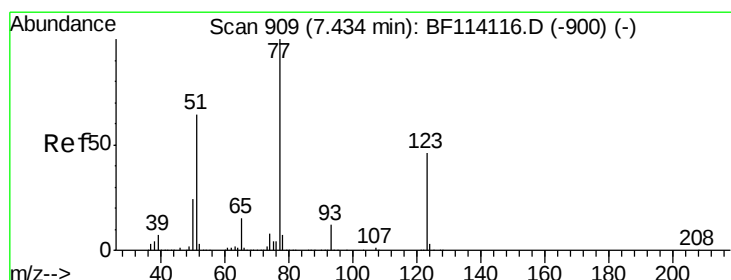
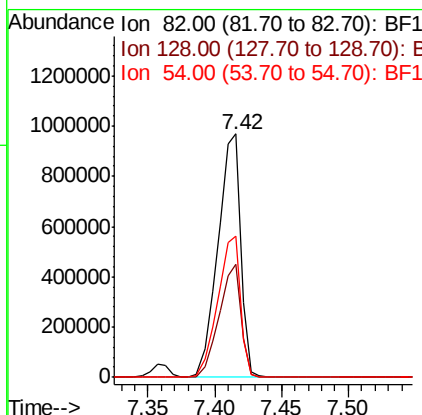
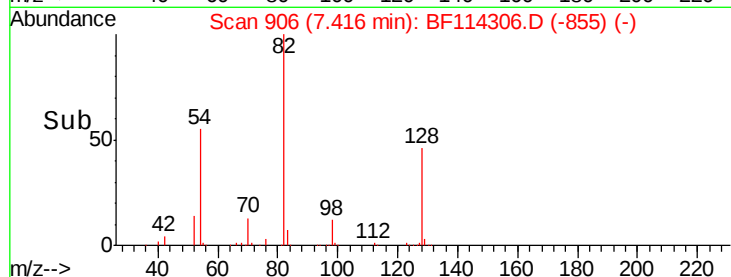
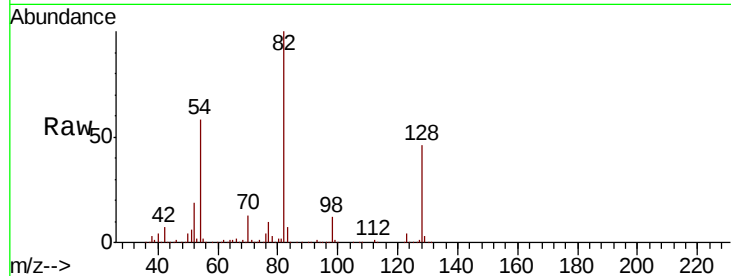
#23
 Nitrobenzene-d5
 Concen: 64.745 ng
 RT: 7.42 min Scan# 906
 Delta R.T. -0.00 min
 Lab File: BF114306.D
 Acq: 16 May 2019 13:55

Instrument :
 BNA_F
 ClientSampleId :
 PB119776BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.2	35.5	53.3
54	58.0	48.5	72.7

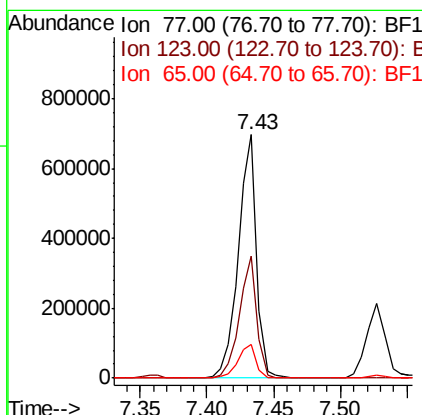
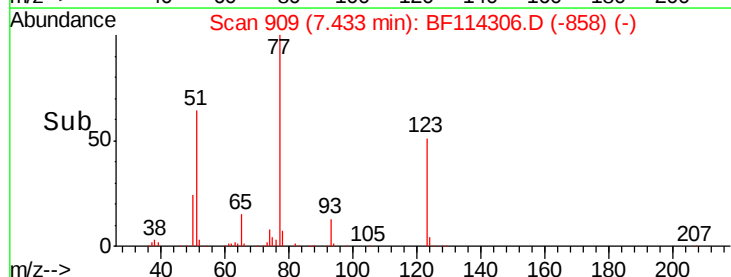
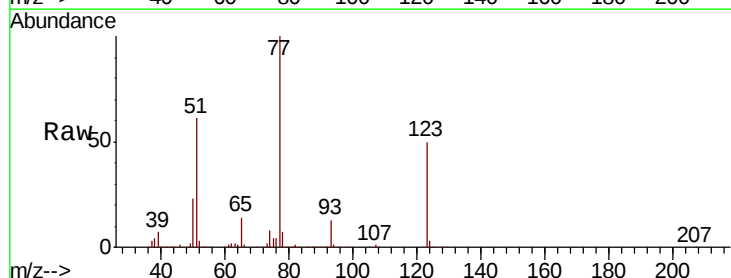
Manual Integrations
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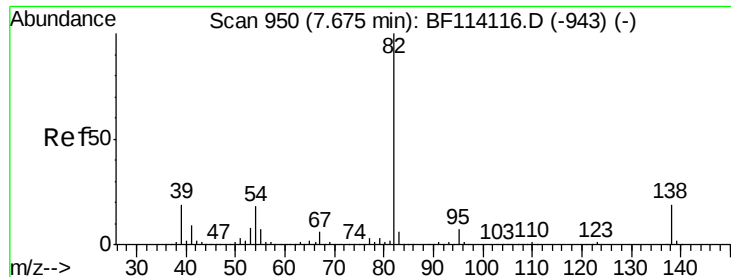
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#24
 Nitrobenzene
 Concen: 35.577 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.00 min
 Lab File: BF114306.D
 Acq: 16 May 2019 13:55

Tgt Ion	Ratio	Lower	Upper
77	100		
123	50.2	36.9	55.3
65	14.0	11.8	17.6





#25

Isophorone

Concen: 35.522 ng

RT: 7.67 min Scan# 949

Delta R.T. -0.01 min

Lab File: BF114306.D

Acq: 16 May 2019 13:55

Instrument :

BNA_F

ClientSampleId :

PB119776BS

Tot Ion: 82 Resp: 1192365

Ion Ratio Lower Upper

82 100

95 6.7 5.6 8.4

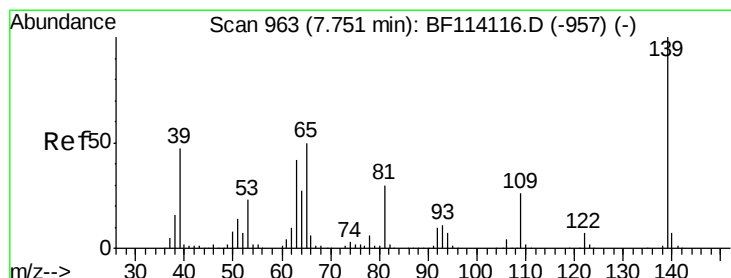
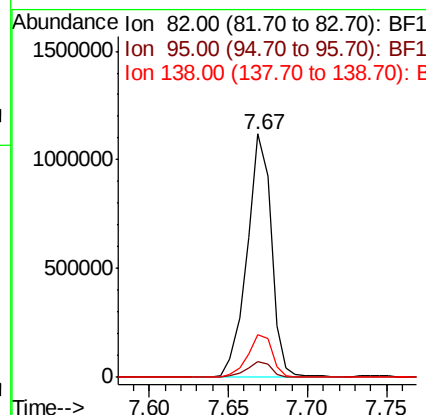
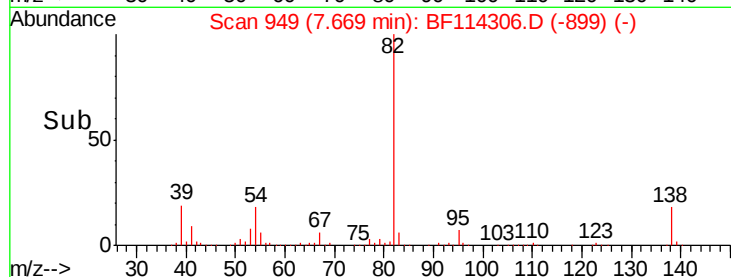
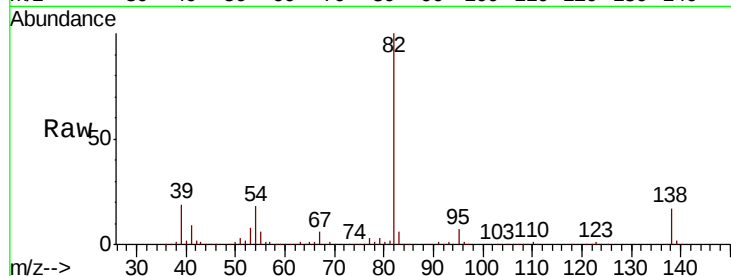
138 17.5 14.8 22.2

Manual Integrations

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#26

2-Nitrophenol

Concen: 37.844 ng

RT: 7.75 min Scan# 963

Delta R.T. -0.00 min

Lab File: BF114306.D

Acq: 16 May 2019 13:55

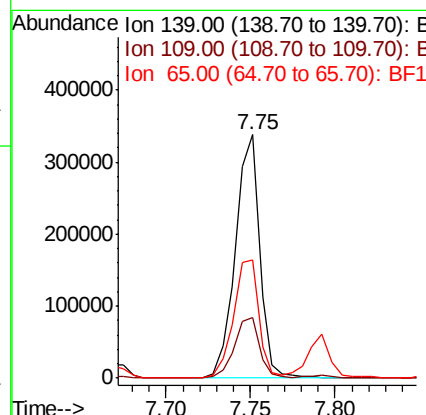
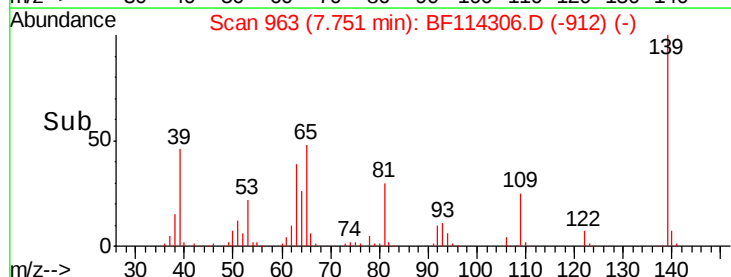
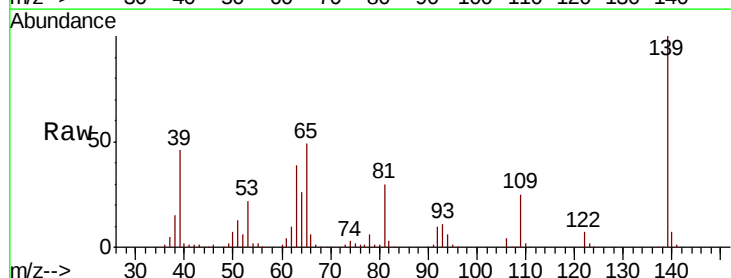
Tgt Ion: 139 Resp: 338458

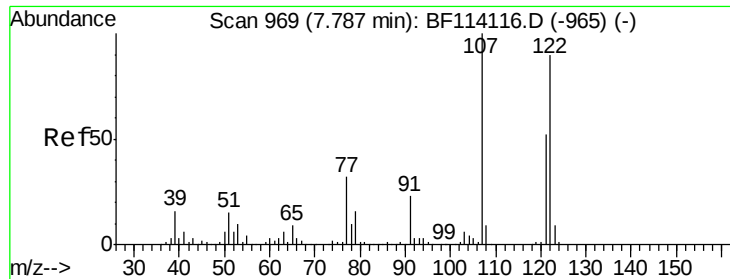
Ion Ratio Lower Upper

139 100

109 25.0 20.7 31.1

65 48.6 40.2 60.2





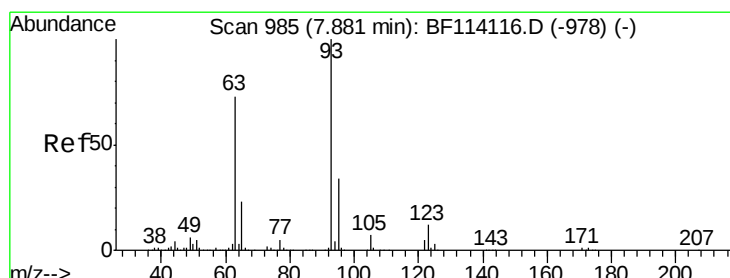
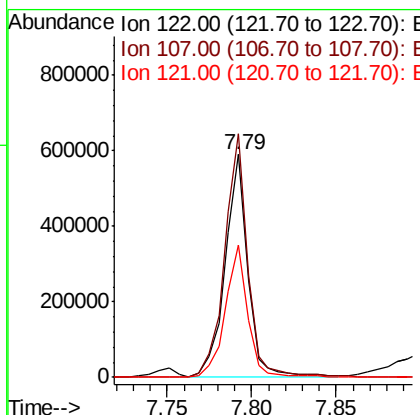
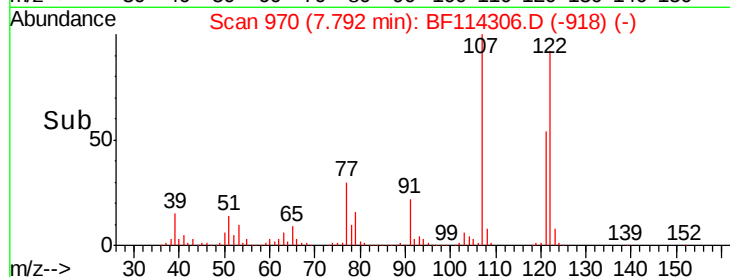
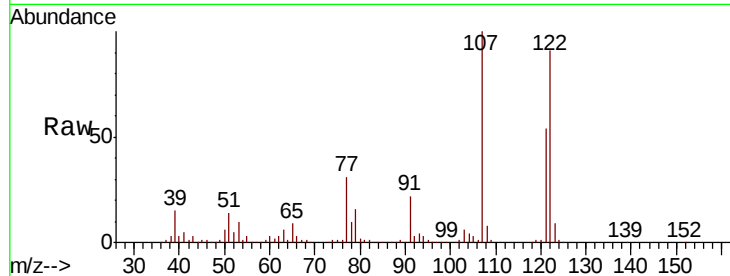
#27
2,4-Dimethylphenol
Concen: 39.054 ng
RT: 7.79 min Scan# 970
Delta R.T. 0.01 min
Lab File: BF114306.D
Acq: 16 May 2019 13:55

Instrument :
BNA_F
ClientSampleId :
PB119776BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	109.4	88.4	132.6
121	59.3	45.9	68.9

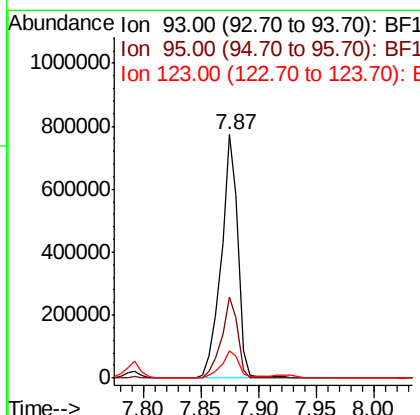
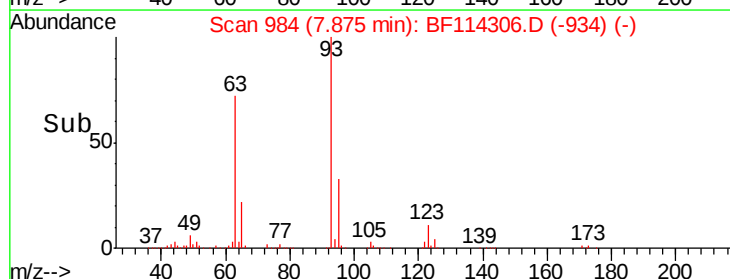
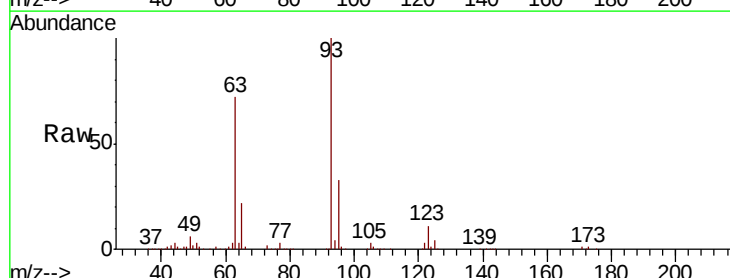
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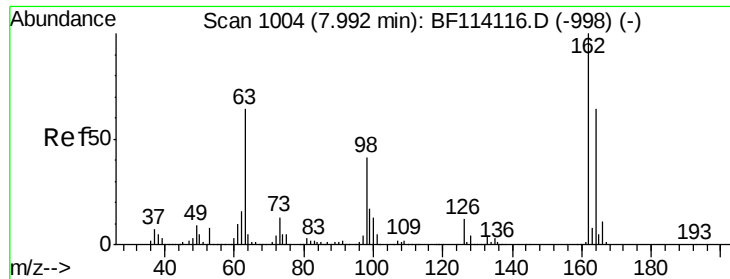
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 35.548 ng
RT: 7.87 min Scan# 984
Delta R.T. -0.01 min
Lab File: BF114306.D
Acq: 16 May 2019 13:55

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.3	26.8	40.2
123	11.0	9.5	14.3





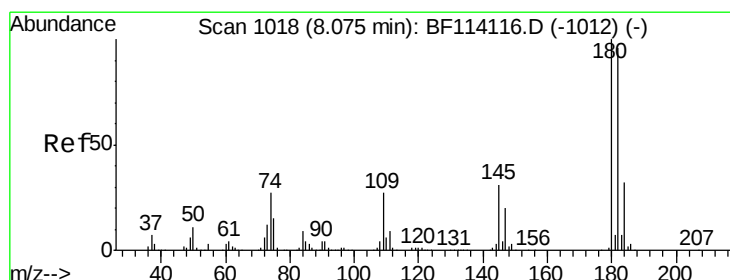
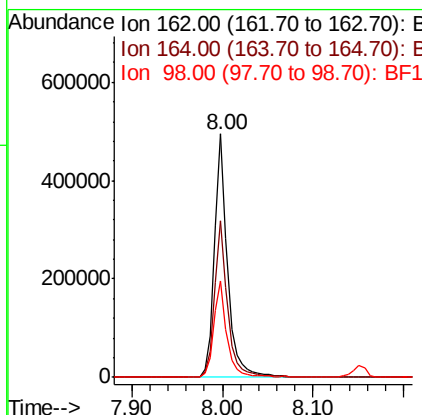
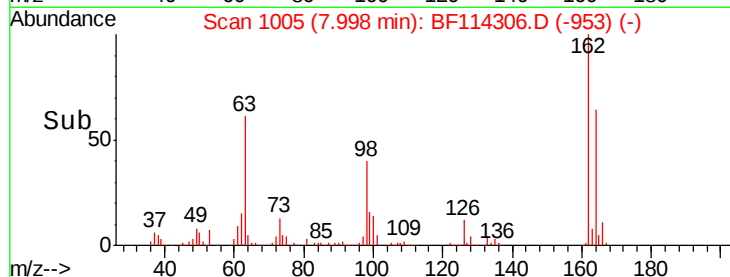
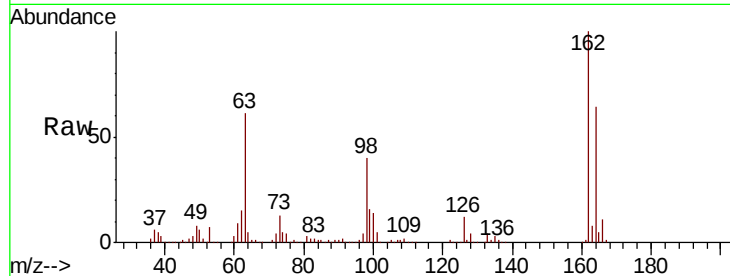
#29
2,4-Dichlorophenol
Concen: 35.999 ng
RT: 8.00 min Scan# 1005
Delta R.T. 0.01 min
Lab File: BF114306.D
Acq: 16 May 2019 13:55

Instrument :
BNA_F
ClientSampleId :
PB119776BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	503523		
164	64.3	43.6	83.6	
98	39.6	20.6	60.6	

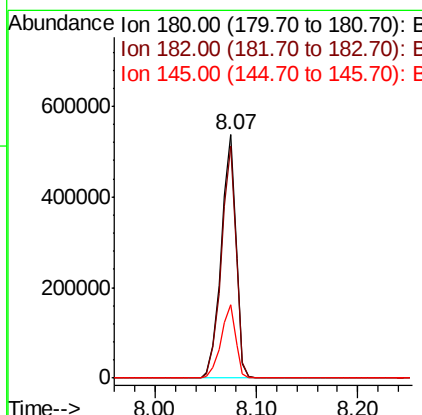
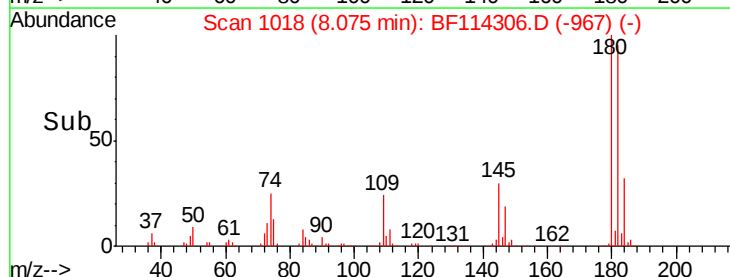
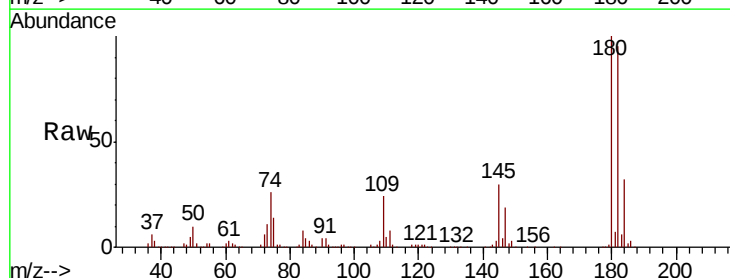
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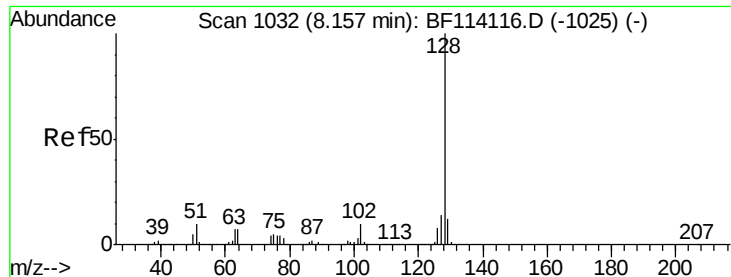
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 34.207 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BF114306.D
Acq: 16 May 2019 13:55

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	544061		
182	95.4	76.6	114.8	
145	30.1	25.1	37.7	





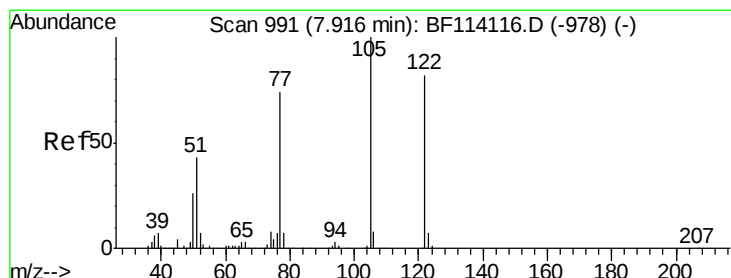
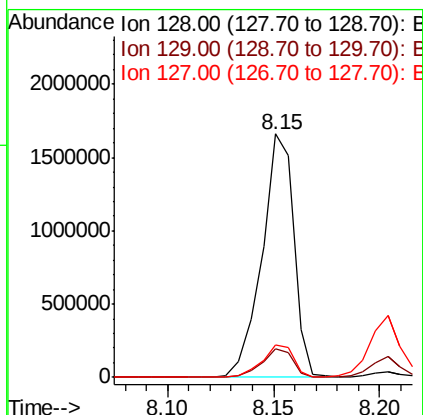
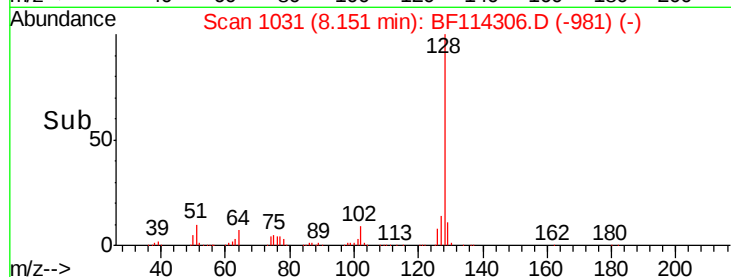
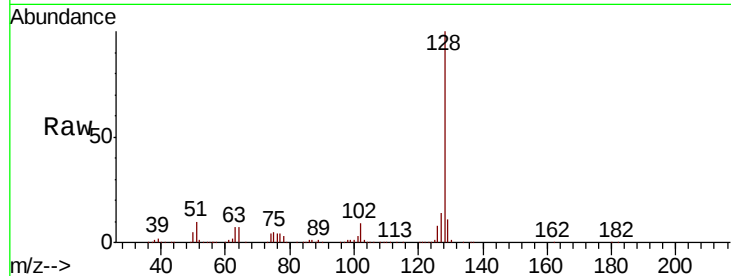
#31
Naphthalene
Concen: 36.827 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF114306.D
Acq: 16 May 2019 13:55

Instrument :
BNA_F
ClientSampleId :
PB119776BS

Tot Ion:128 Resp: 1747289
Ion Ratio Lower Upper
128 100
129 11.5 9.6 14.4
127 13.5 11.3 16.9

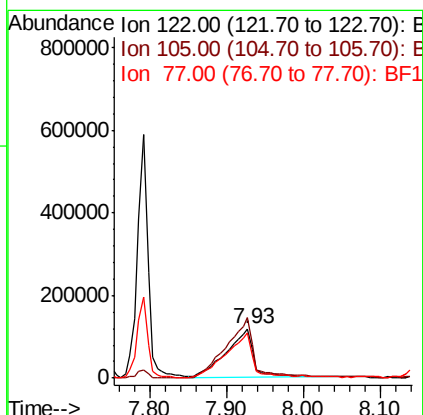
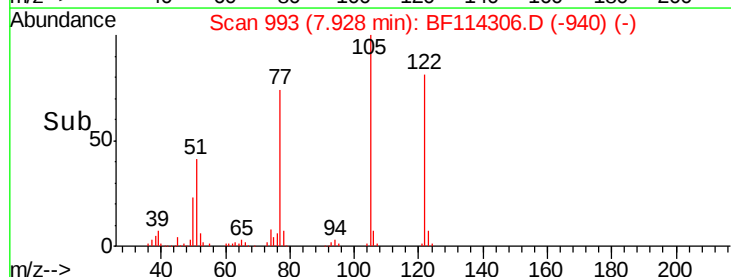
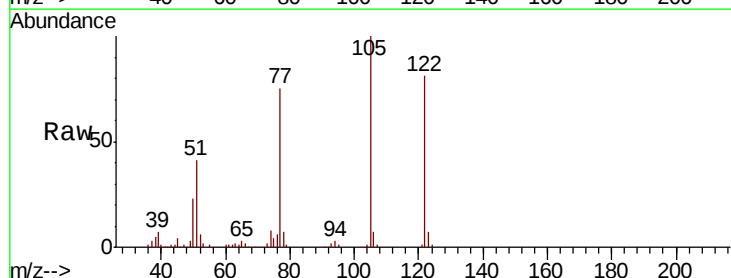
Manual Integrations
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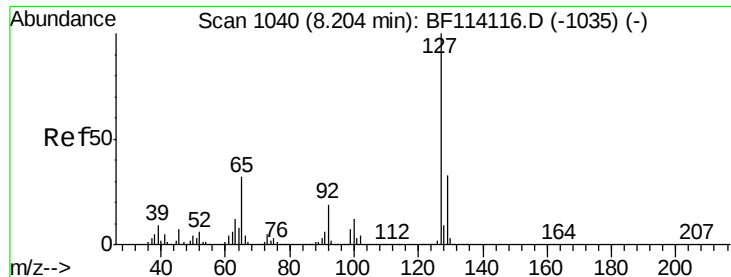
mohammad
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#32
Benzoic acid
Concen: 31.969 ng
RT: 7.93 min Scan# 993
Delta R.T. 0.01 min
Lab File: BF114306.D
Acq: 16 May 2019 13:55

Tgt Ion:122 Resp: 292683
Ion Ratio Lower Upper
122 100
105 123.2 99.9 139.9
77 91.9 69.4 109.4





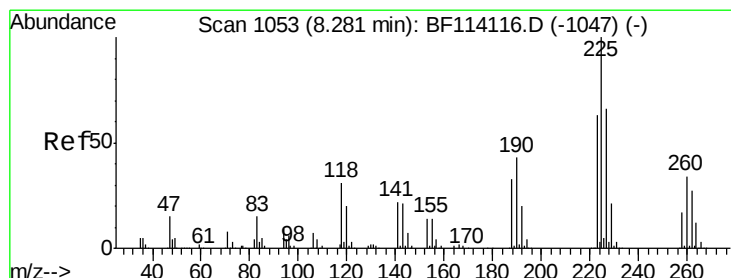
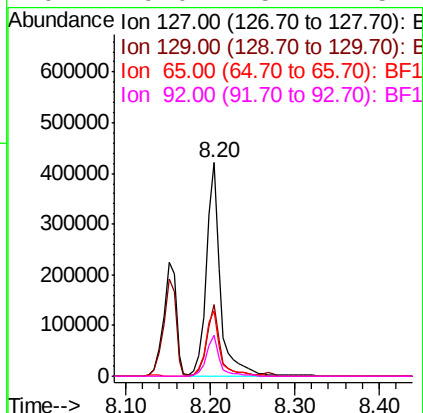
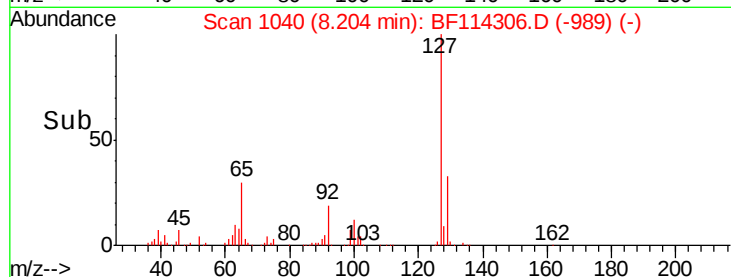
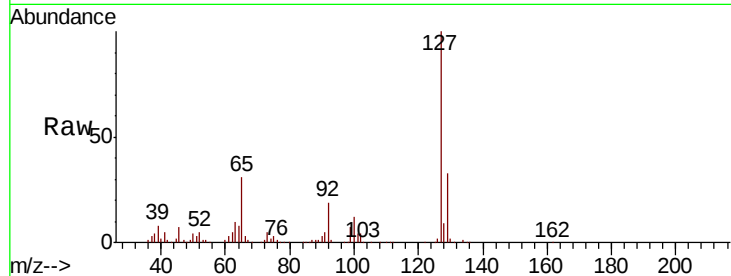
#33
4-Chloroaniline
Concen: 22.314 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.00 min
Lab File: BF114306.D
Acq: 16 May 2019 13:55

Instrument :
BNA_F
ClientSampleId :
PB119776BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		482451		
129	33.3	26.7	40.1		
65	30.6	25.4	38.0		
92	19.0	15.4	23.2		

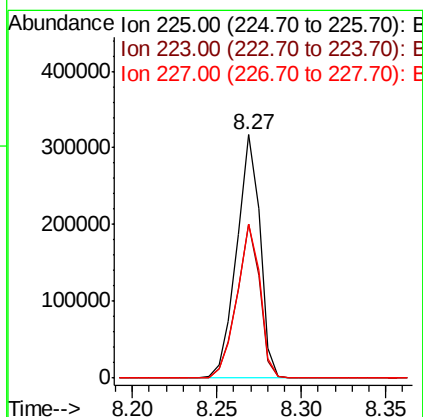
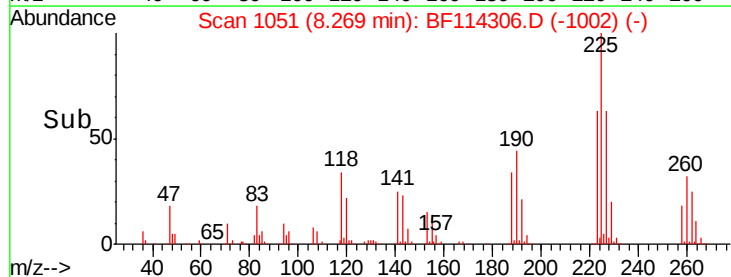
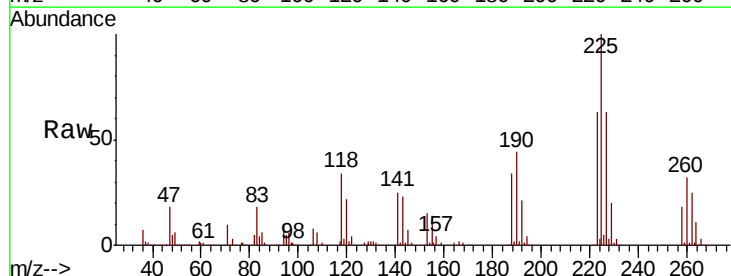
Manual Integrations
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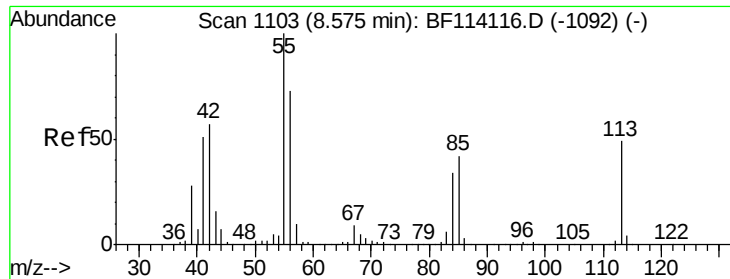
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#34
Hexachlorobutadiene
Concen: 33.659 ng
RT: 8.27 min Scan# 1051
Delta R.T. -0.01 min
Lab File: BF114306.D
Acq: 16 May 2019 13:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		304608		
223	63.1	50.2	75.2		
227	63.4	52.6	79.0		





#35

Caprolactam

Concen: 39.495 ng/mL

RT: 8.57 min Scan# 1103

Delta R.T. -0.00 min

Lab File: BF114306.D

Acq: 16 May 2019 13:55

Instrument :

BNA_F

ClientSampled :

PB119776BS

Tot Ion: 113 Resp: 180128

Ion Ratio Lower Upper

113 100

55 189.4 183.5 223.5

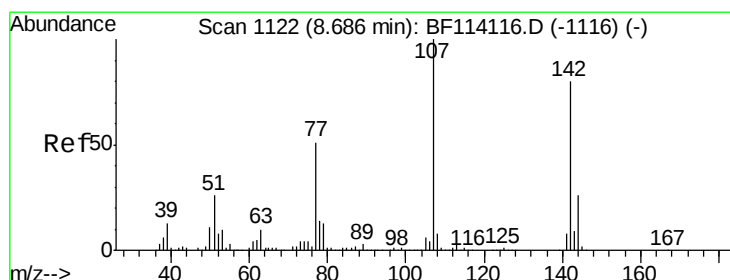
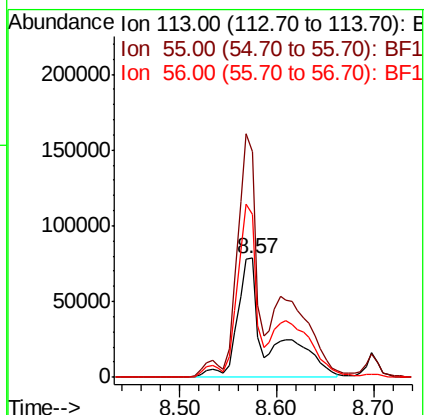
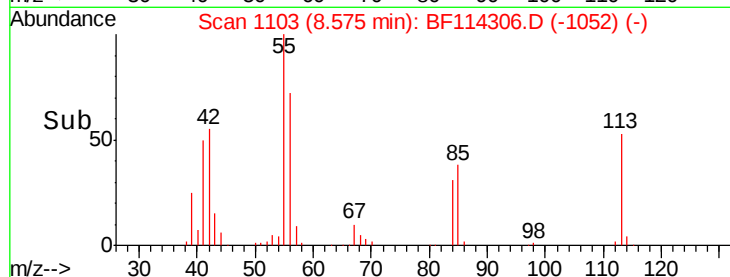
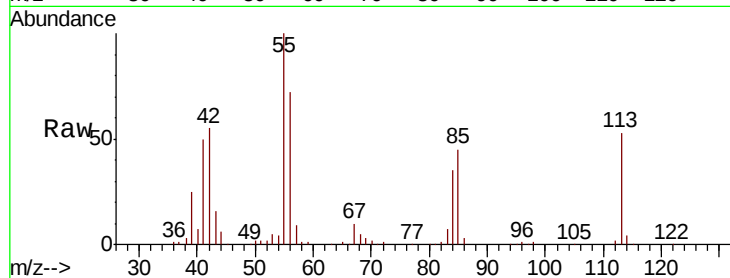
56 136.5 128.8 168.8

Manual Integrations

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#36

4-Chloro-3-methylphenol

Concen: 38.027 ng/mL

RT: 8.70 min Scan# 1124

Delta R.T. 0.01 min

Lab File: BF114306.D

Acq: 16 May 2019 13:55

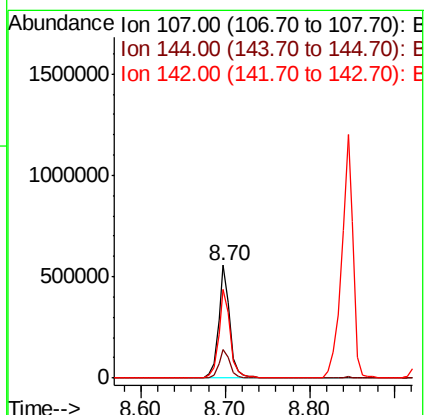
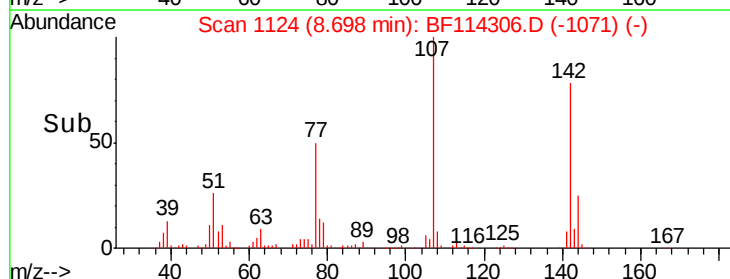
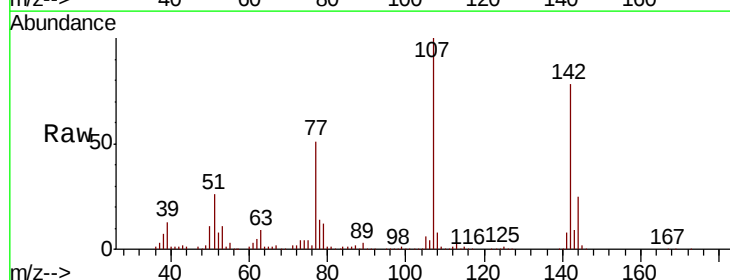
Tgt Ion: 107 Resp: 535384

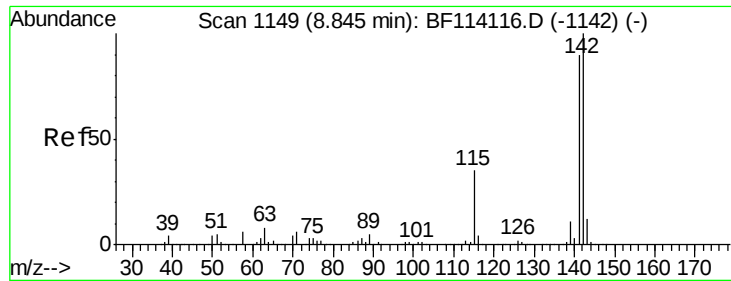
Ion Ratio Lower Upper

107 100

144 25.5 20.4 30.6

142 78.4 64.2 96.4





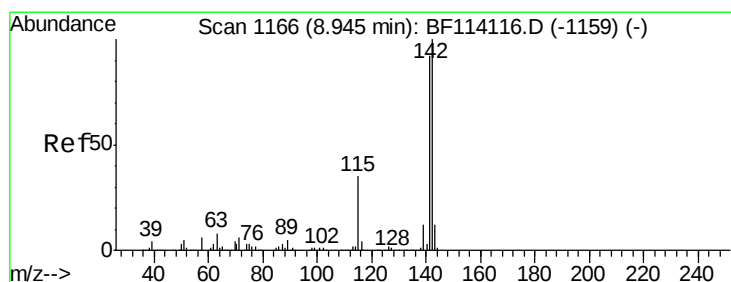
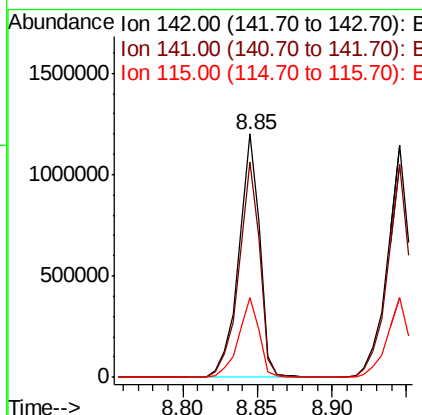
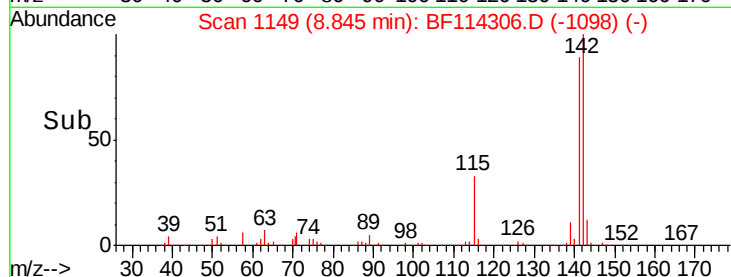
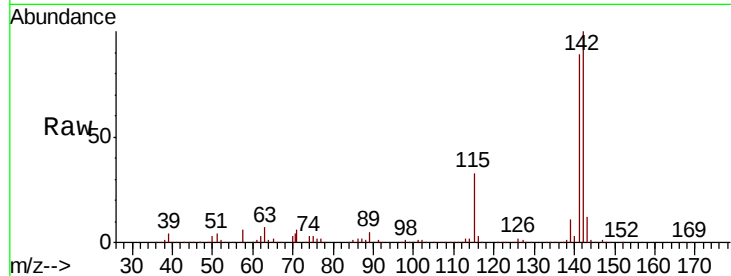
#37
2-Methylnaphthalene
Concen: 38.298 ng
RT: 8.85 min Scan# 1149
Delta R.T. -0.00 min
Lab File: BF114306.D
Acq: 16 May 2019 13:55

Instrument :
BNA_F
ClientSampleId :
PB119776BS

Tot Ion:142 Resp: 1172385
Ion Ratio Lower Upper
142 100
141 88.6 72.1 108.1
115 32.9 28.0 42.0

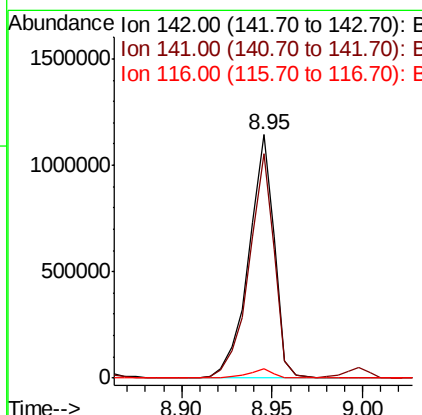
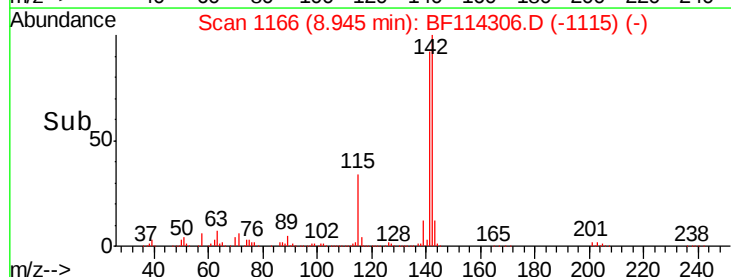
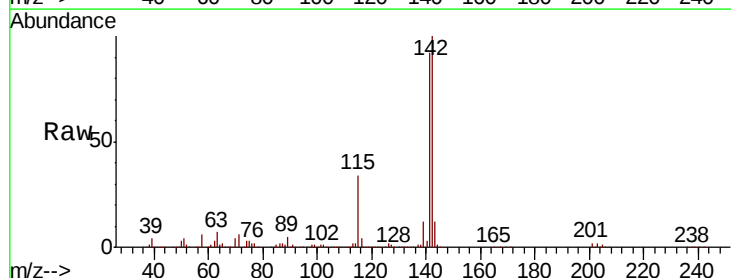
Manual Integrations
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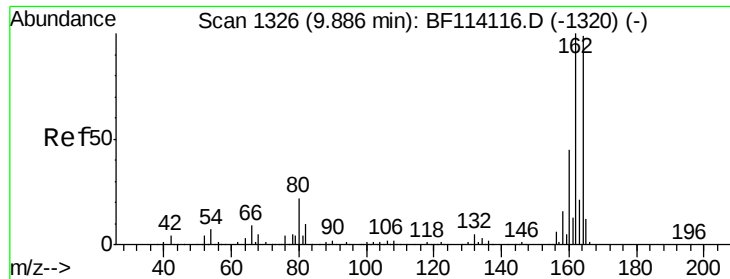
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#38
1-Methylnaphthalene
Concen: 38.457 ng
RT: 8.95 min Scan# 1166
Delta R.T. -0.00 min
Lab File: BF114306.D
Acq: 16 May 2019 13:55

Tgt Ion:142 Resp: 1108628
Ion Ratio Lower Upper
142 100
141 92.0 73.4 110.0
116 3.7 3.1 4.7





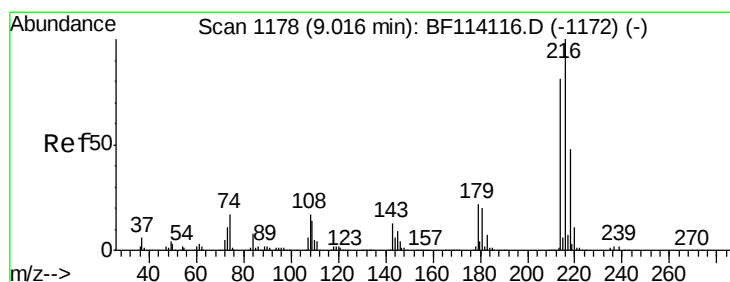
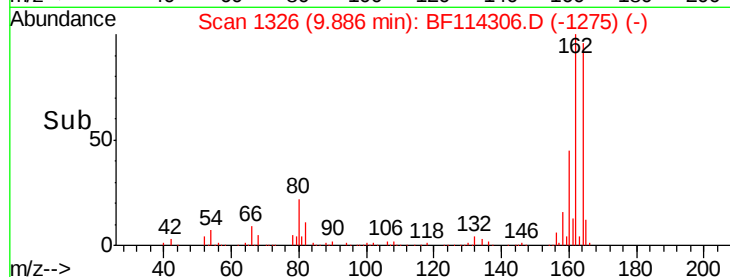
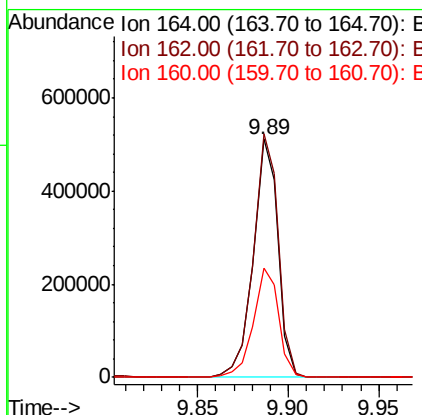
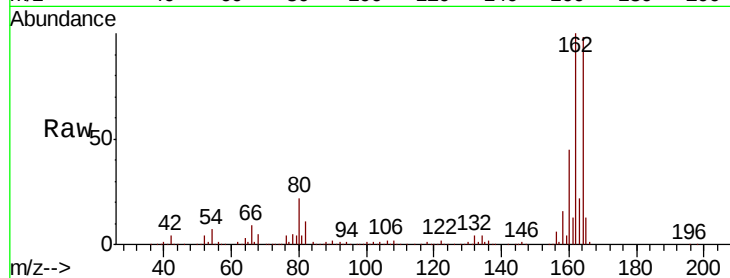
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BF114306.D
Acq: 16 May 2019 13:55

Instrument :
BNA_F
ClientSampleId :
PB119776BS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	102.2	80.6	120.8	
160	46.0	36.5	54.7	

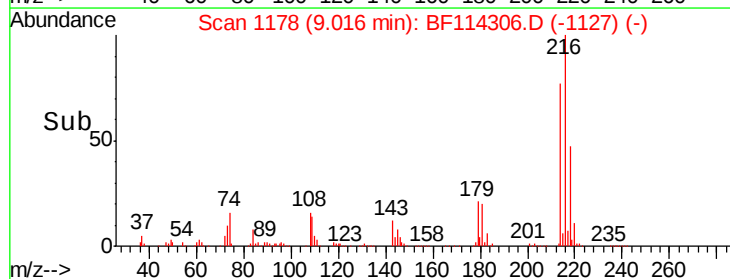
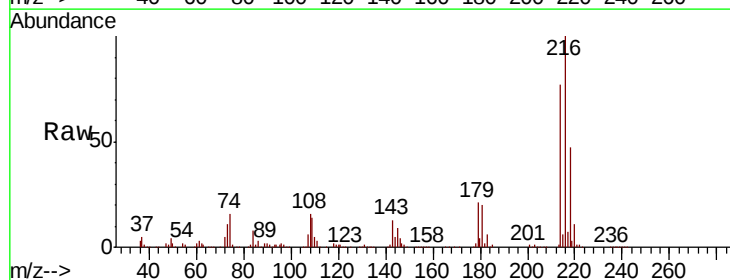
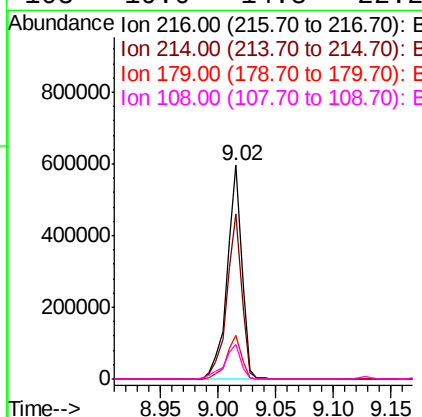
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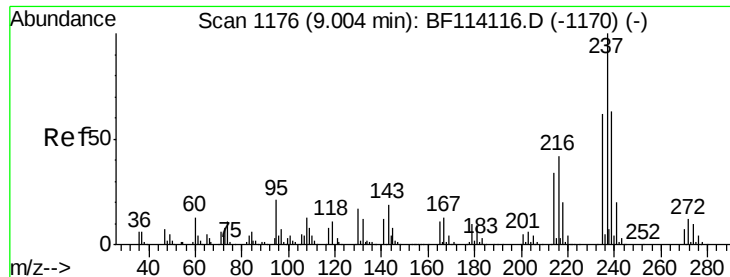
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 35.763 ng
RT: 9.02 min Scan# 1178
Delta R.T. -0.00 min
Lab File: BF114306.D
Acq: 16 May 2019 13:55

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	78.2	63.9	95.9	
179	20.8	17.0	25.6	
108	19.0	14.8	22.2	





#41

Hexachlorocyclopentadiene

Concen: 49.975 ng

RT: 9.00 min Scan# 1175

Delta R.T. -0.01 min

Lab File: BF114306.D

Acq: 16 May 2019 13:55

Instrument :

BNA_F

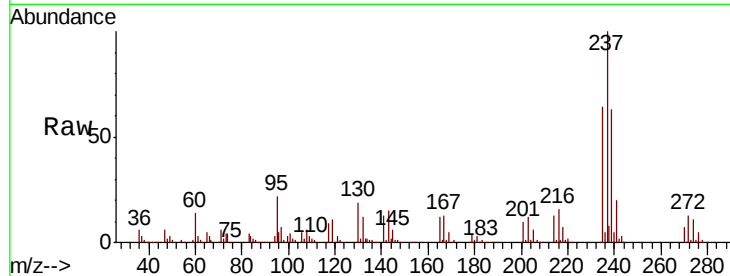
ClientSampleId :

PB119776BS

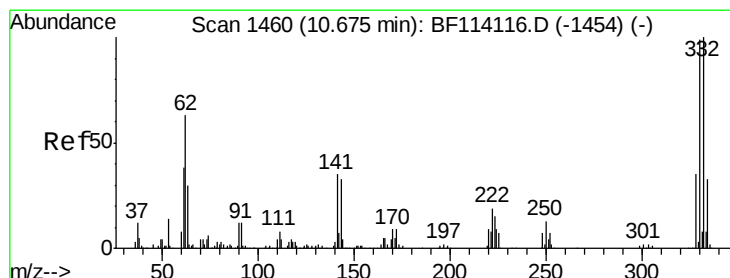
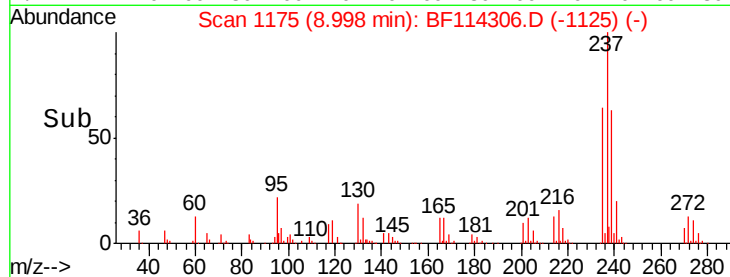
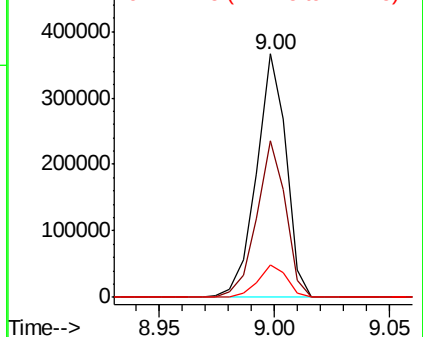
Tot Ion:	237	Resp:	329880
Ion Ratio		Lower	Upper
237	100		
235	64.1	42.0	82.0
272	13.1	0.0	32.4

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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: 103.489 ng

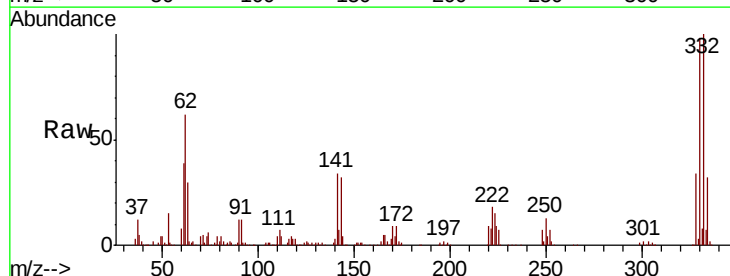
RT: 10.68 min Scan# 1461

Delta R.T. 0.01 min

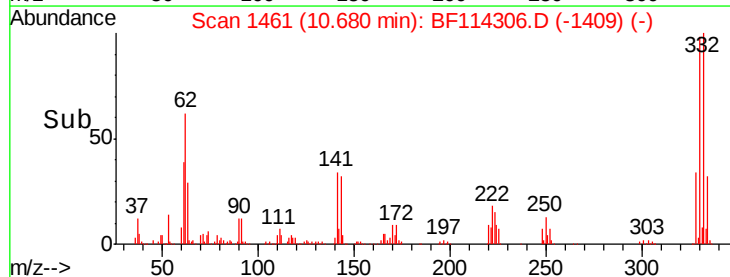
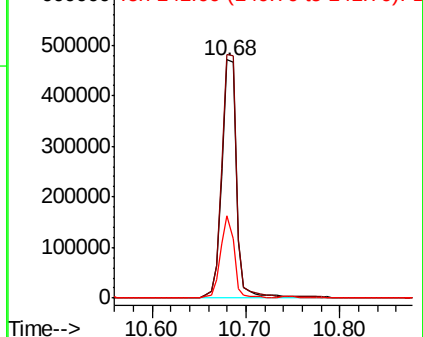
Lab File: BF114306.D

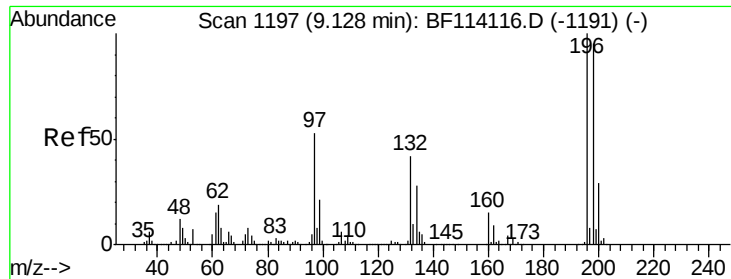
Acq: 16 May 2019 13:55

Tgt Ion:	330	Resp:	518219
Ion Ratio		Lower	Upper
330	100		
332	103.3	81.4	122.2
141	32.2	26.6	40.0



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





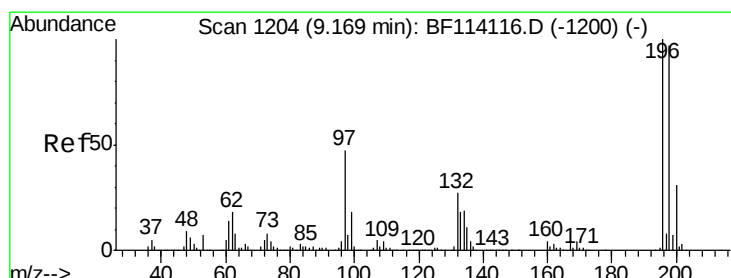
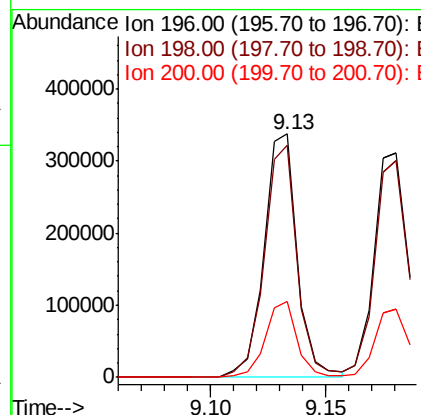
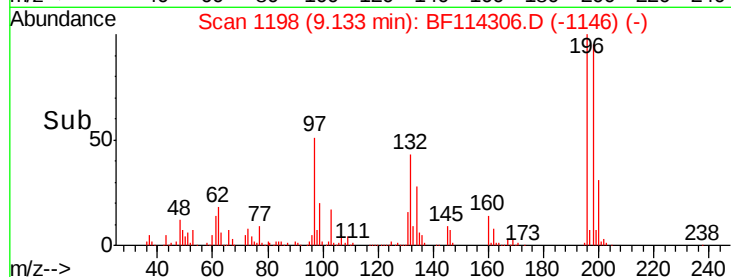
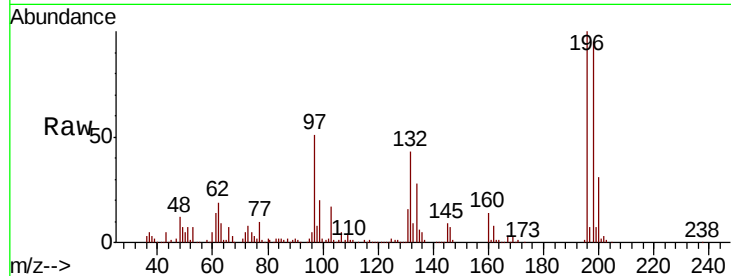
#43
 2,4,6-Trichlorophenol
 Concen: 33.570 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.01 min
 Lab File: BF114306.D
 Acq: 16 May 2019 13:55

Instrument :
 BNA_F
 ClientSampleId :
 PB119776BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	338796		
198	95.4	75.9	113.9	
200	31.1	23.5	35.3	

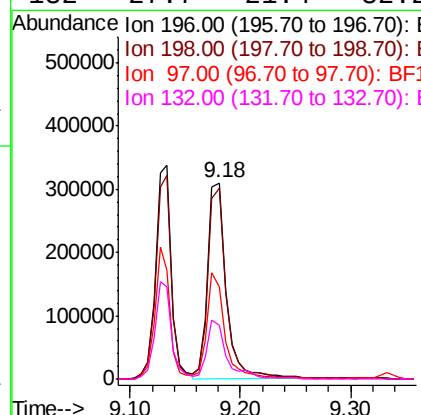
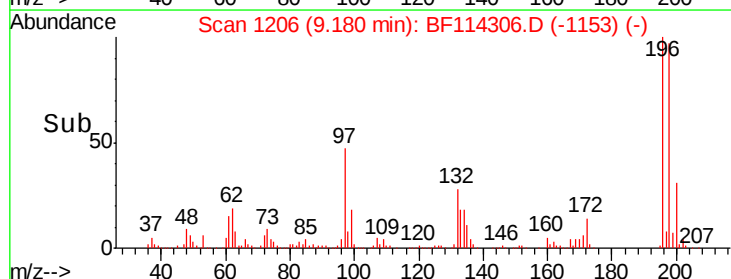
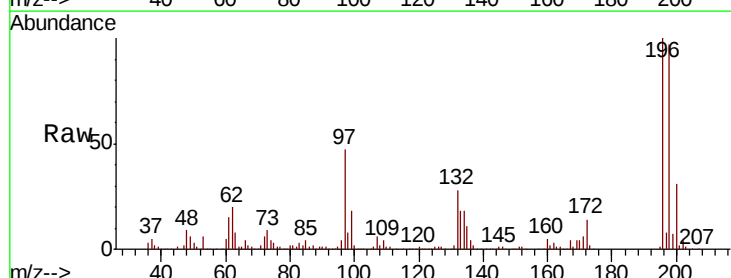
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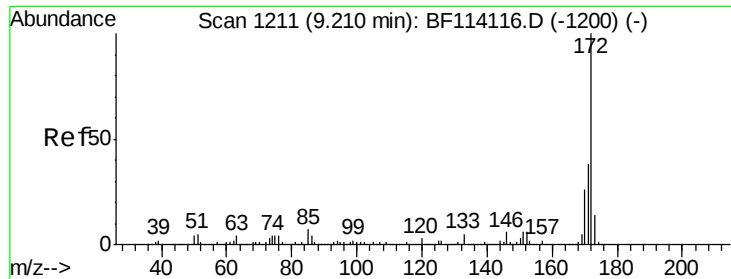
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#44
 2,4,5-Trichlorophenol
 Concen: 34.270 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. 0.01 min
 Lab File: BF114306.D
 Acq: 16 May 2019 13:55

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	354693		
198	96.9	77.7	116.5	
97	47.2	38.2	57.2	
132	27.7	21.4	32.2	





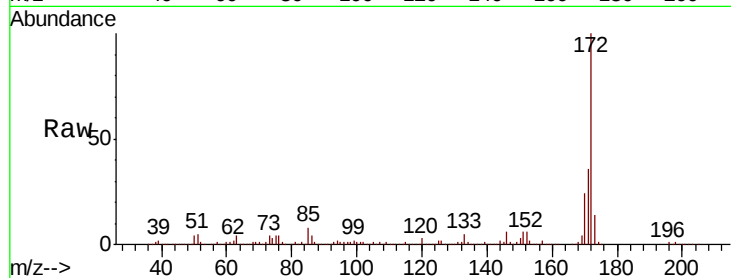
#45
2-Fluorobiphenyl
Concen: 62.332 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF114306.D
Acq: 16 May 2019 13:55

Instrument :
BNA_F
ClientSampleId :
PB119776BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.3	30.7	46.1
170	24.2	20.5	30.7

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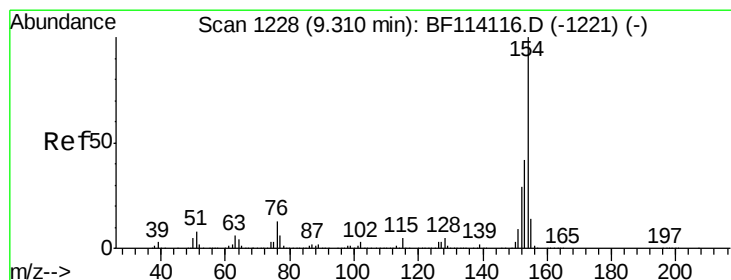
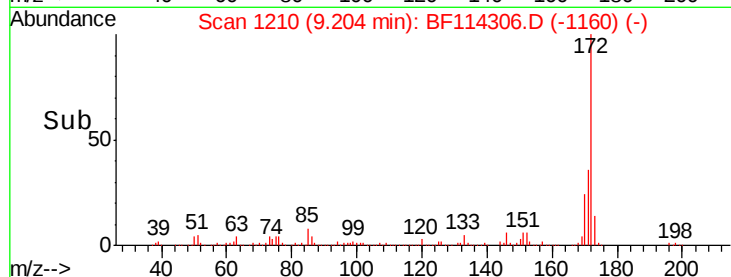
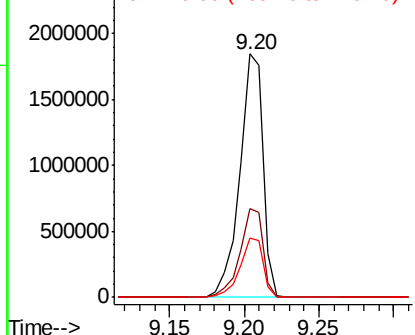


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 35.834 ng
RT: 9.31 min Scan# 1228
Delta R.T. -0.00 min
Lab File: BF114306.D
Acq: 16 May 2019 13:55

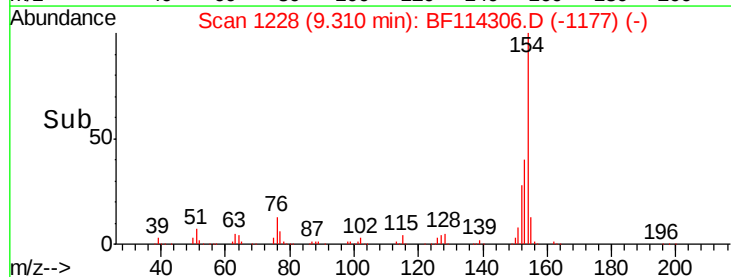
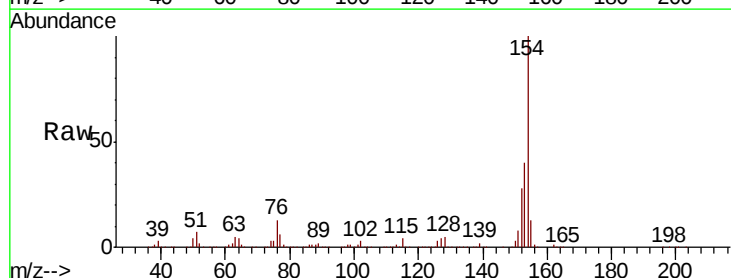
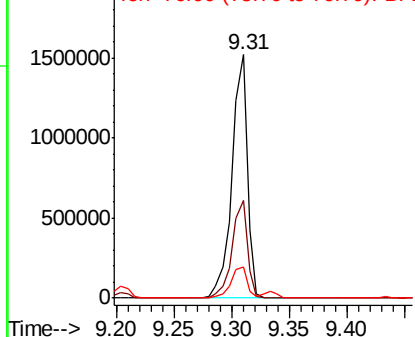
Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.3	21.9	61.9
76	12.7	0.0	32.8

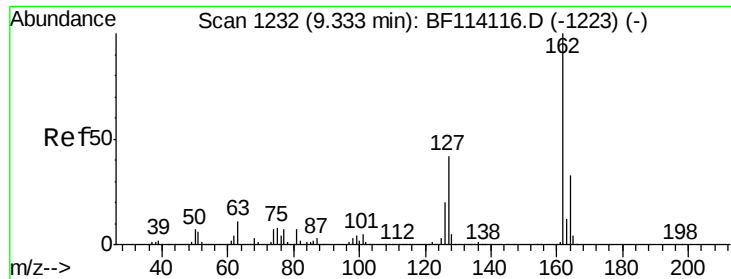
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





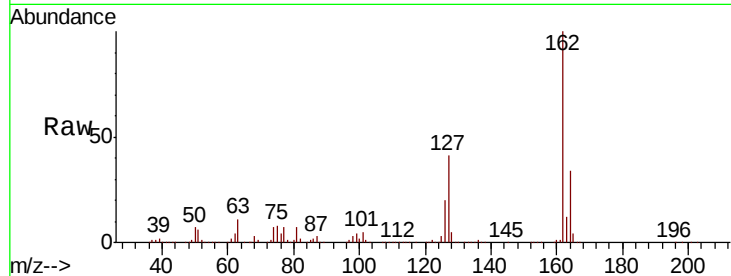
#47
 2-Chloronaphthalene
 Concen: 34.162 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. -0.00 min
 Lab File: BF114306.D
 Acq: 16 May 2019 13:55

Instrument :
 BNA_F
 ClientSampleId :
 PB119776BS

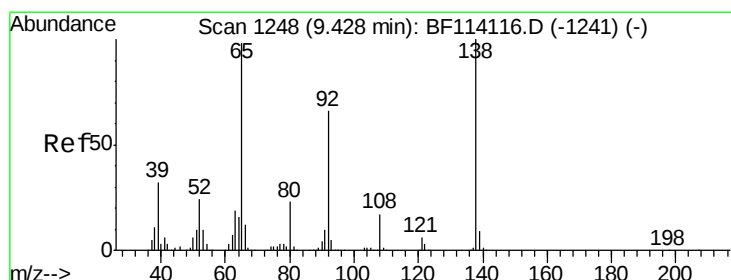
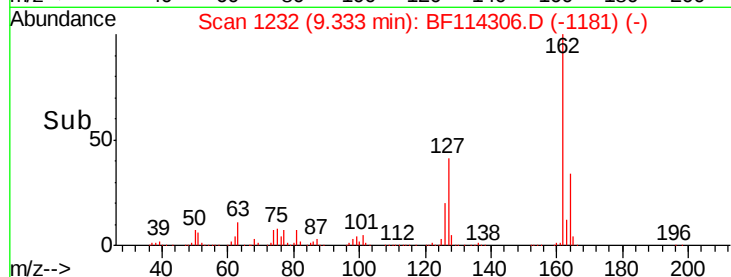
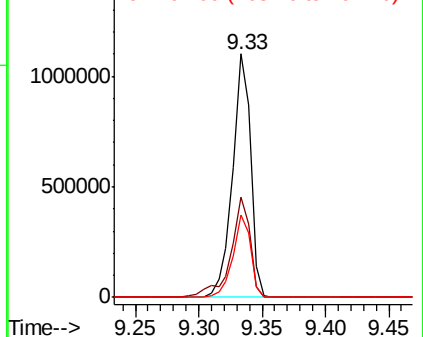
Tot Ion	Ratio	Lower	Upper
162	100		
127	41.3	34.0	51.0
164	33.7	26.7	40.1

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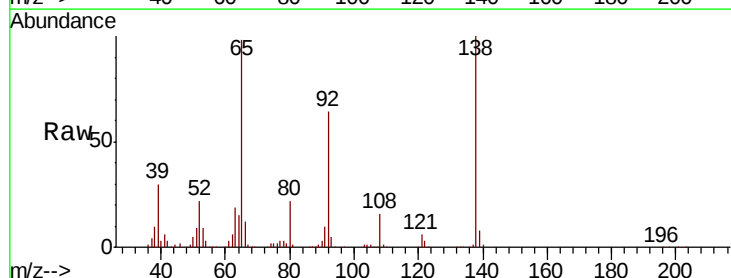


Abundance Ion 162.00 (161.70 to 162.70): E
 1500000 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

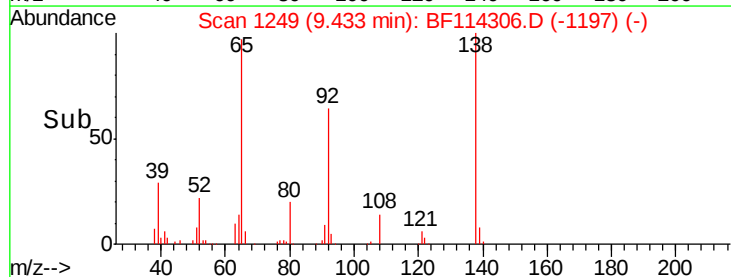
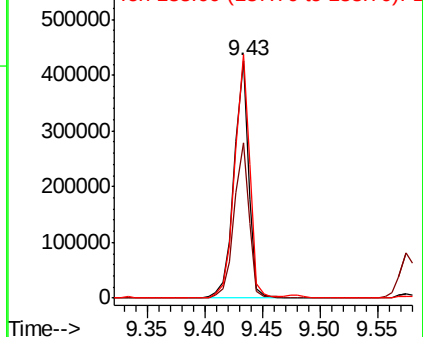


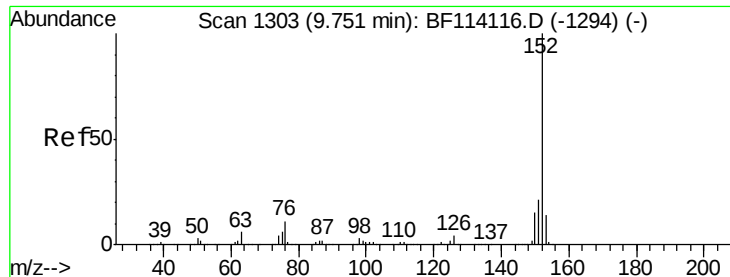
#48
 2-Nitroaniline
 Concen: 33.553 ng
 RT: 9.43 min Scan# 1249
 Delta R.T. 0.01 min
 Lab File: BF114306.D
 Acq: 16 May 2019 13:55

Tgt Ion	Ratio	Lower	Upper
65	100		
92	65.6	53.9	80.9
138	102.5	81.4	122.0



Abundance Ion 65.00 (64.70 to 65.70): BF1
 600000 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 35.835 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.00 min

Lab File: BF114306.D

Acq: 16 May 2019 13:55

Instrument :

BNA_F

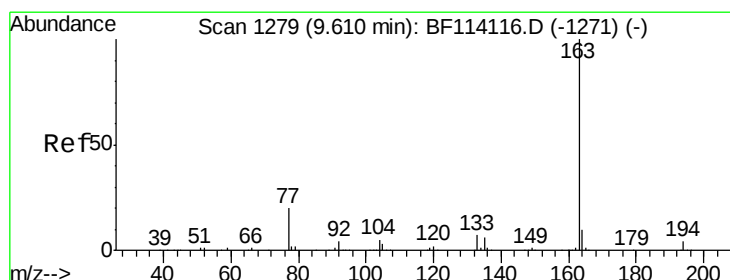
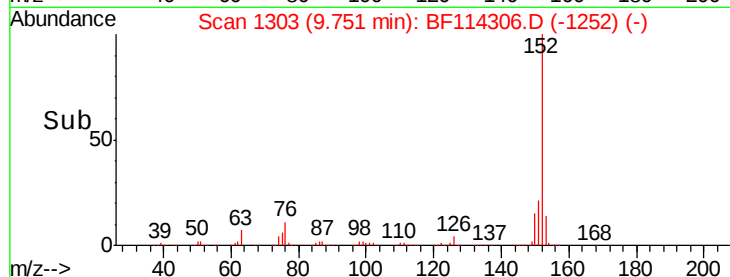
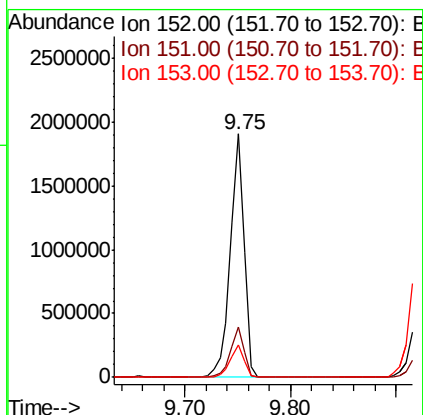
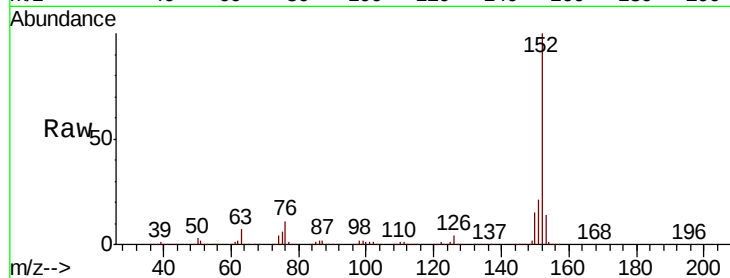
ClientSampleId :

PB119776BS

Tot Ion:	152	Resp:	1716384
Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.8	25.2
153	13.5	11.4	17.2

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#50

Dimethylphthalate

Concen: 34.657 ng

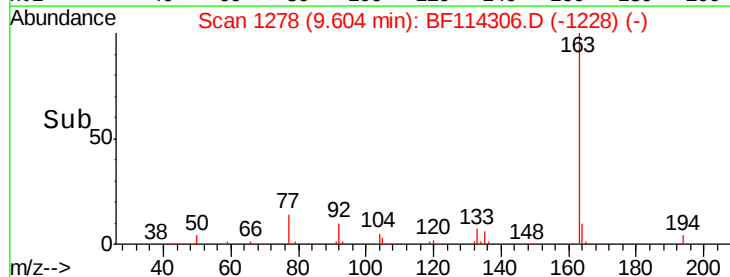
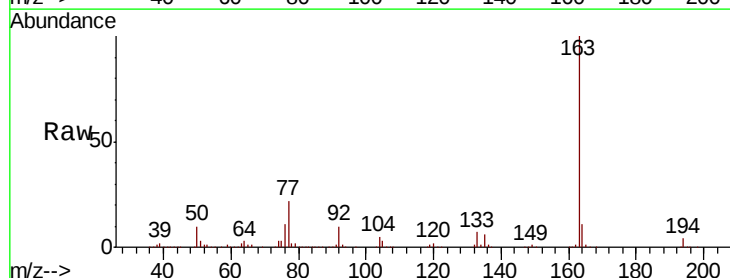
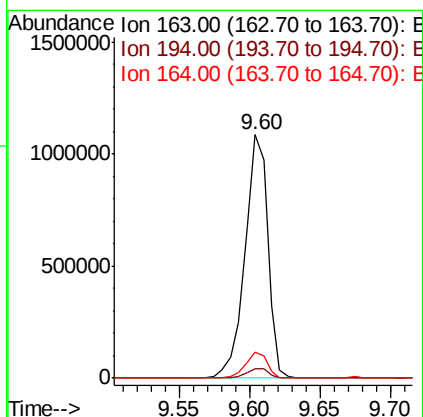
RT: 9.60 min Scan# 1278

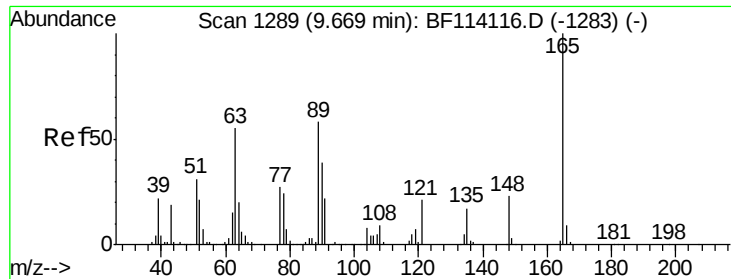
Delta R.T. -0.01 min

Lab File: BF114306.D

Acq: 16 May 2019 13:55

Tgt Ion:	163	Resp:	1232274
Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.4	5.0
164	10.6	8.2	12.2





#51

2,6-Dinitrotoluene

Concen: 36.078 ng

RT: 9.67 min Scan# 1290

Delta R.T. 0.01 min

Lab File: BF114306.D

Acq: 16 May 2019 13:55

Instrument :

BNA_F

ClientSampleId :

PB119776BS

Tot Ion:165 Resp: 284527
Ion Ratio Lower Upper

165 100

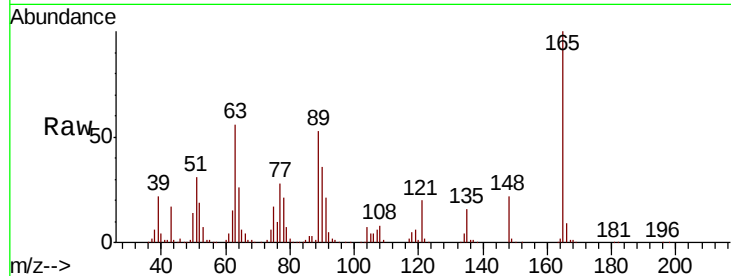
63 56.2 50.2 75.4

89 52.9 46.6 69.8

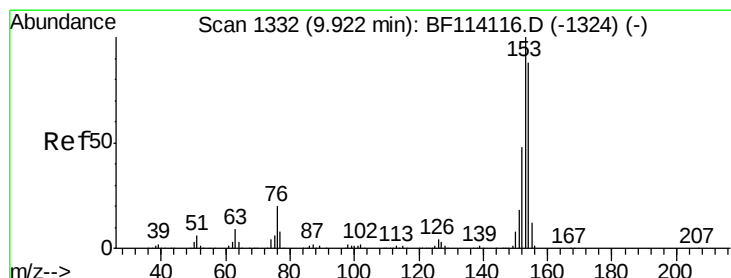
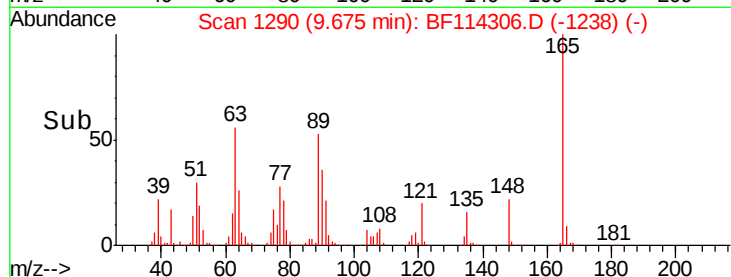
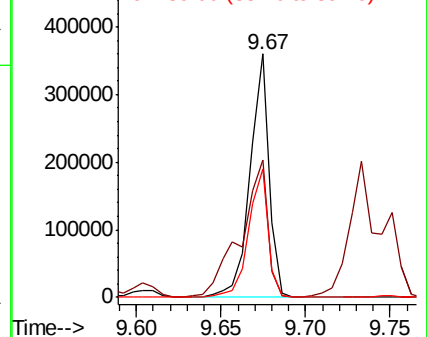
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Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 33.889 ng

RT: 9.92 min Scan# 1332

Delta R.T. -0.00 min

Lab File: BF114306.D

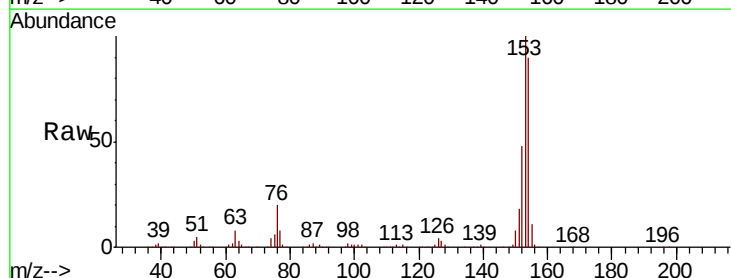
Acq: 16 May 2019 13:55

Tgt Ion:154 Resp: 996037
Ion Ratio Lower Upper

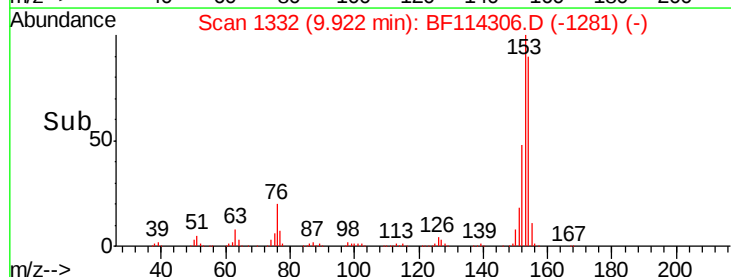
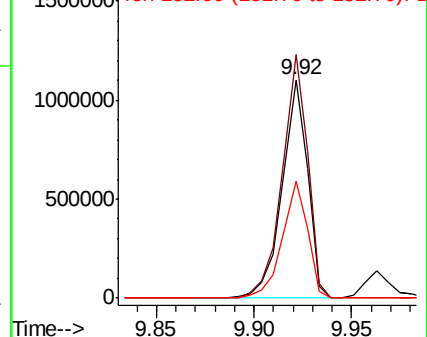
154 100

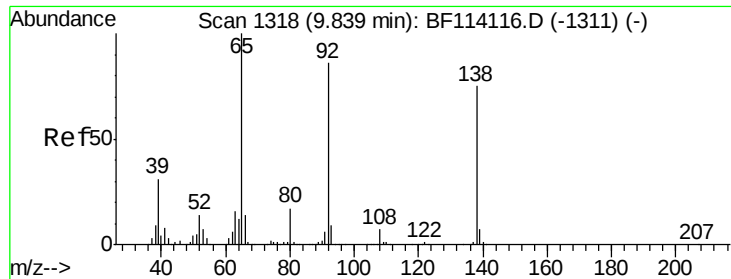
153 111.4 90.5 135.7

152 53.4 43.4 65.2



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





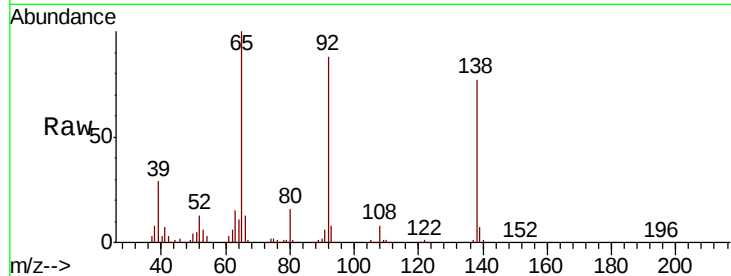
#53
3-Nitroaniline
Concen: 23.778 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.01 min
Lab File: BF114306.D
Acq: 16 May 2019 13:55

Instrument :
BNA_F
ClientSampleId :
PB119776BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.3	7.8	11.6
92	113.2	91.2	136.8

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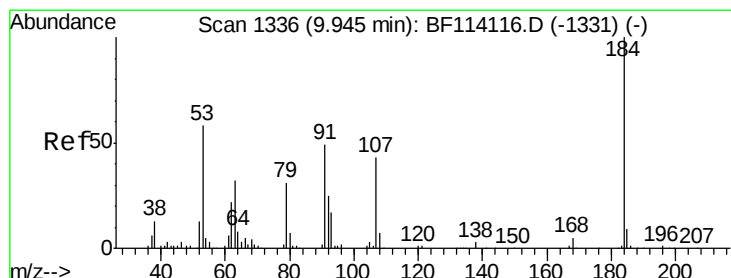
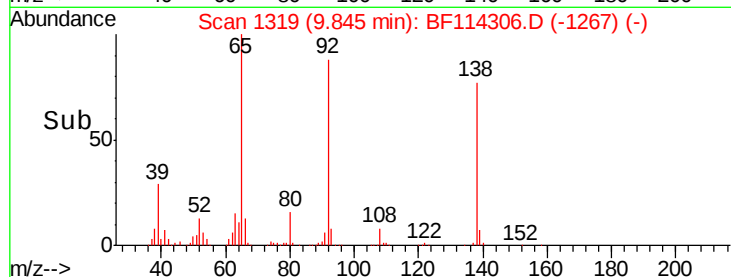
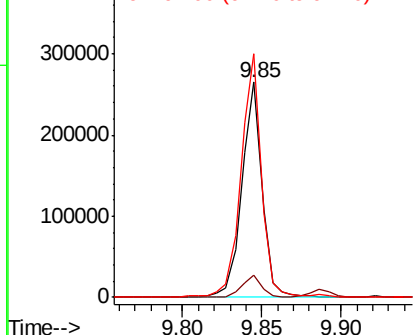


Abundance

Ion 138.00 (137.70 to 138.70): E

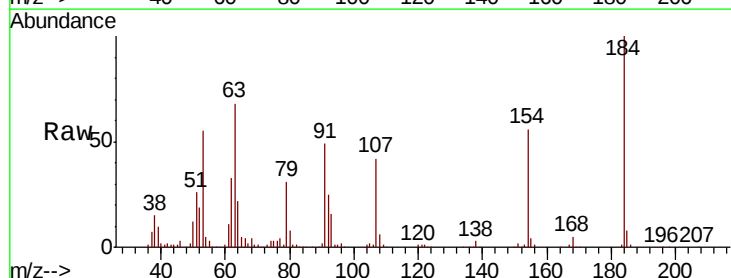
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 63.426 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.02 min
Lab File: BF114306.D
Acq: 16 May 2019 13:55

Tgt Ion	Ratio	Lower	Upper
184	100		
63	67.6	55.6	83.4
154	56.1	46.0	69.0

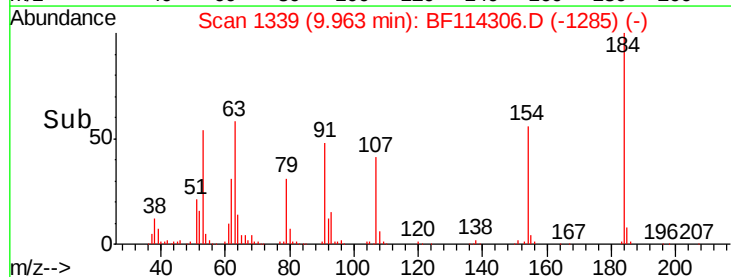
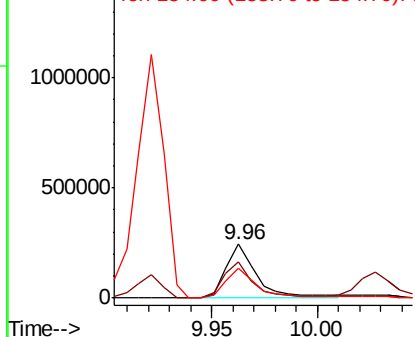


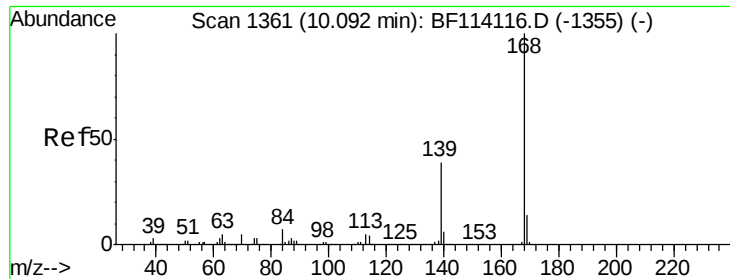
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





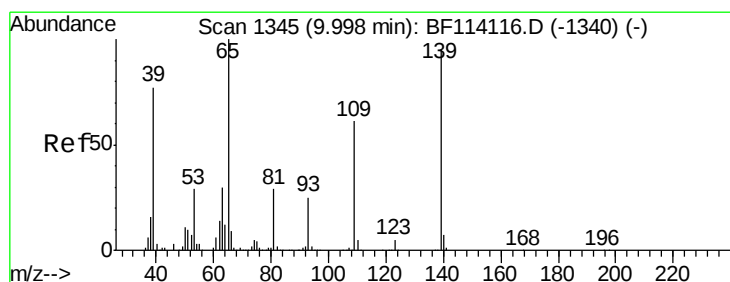
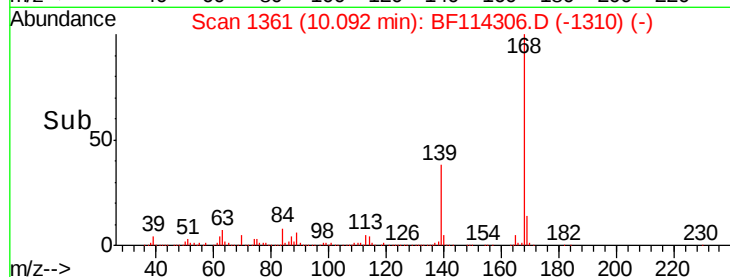
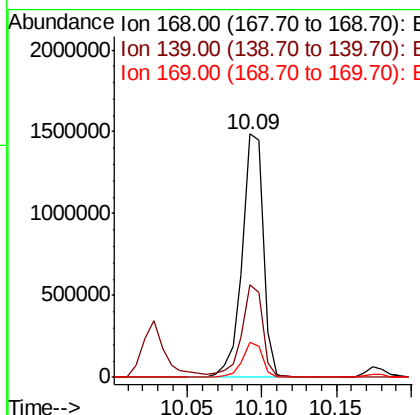
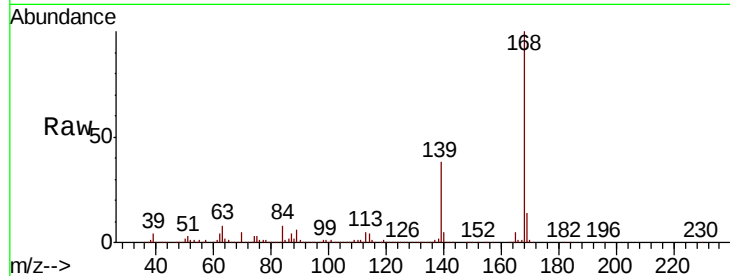
#55
Dibenzofuran
Concen: 34.039 ng
RT: 10.09 min Scan# 1361
Delta R.T. -0.00 min
Lab File: BF114306.D
Acq: 16 May 2019 13:55

Instrument :
BNA_F
ClientSampleId :
PB119776BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.3	31.1	46.7
169	14.3	11.4	17.0

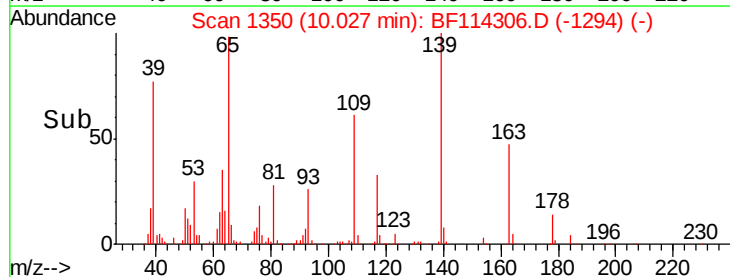
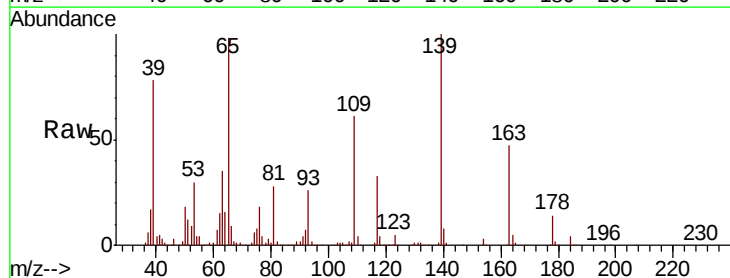
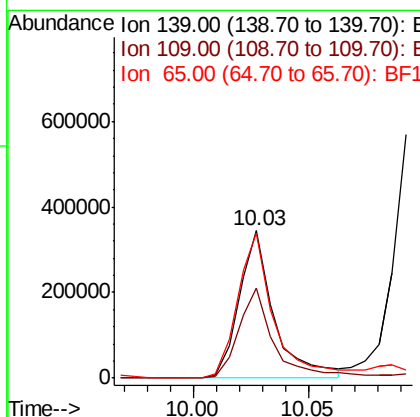
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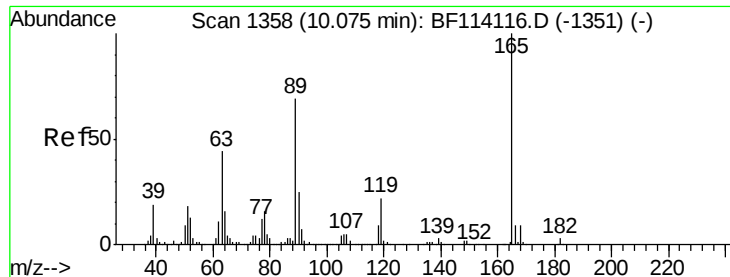
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#56
4-Nitrophenol
Concen: 52.527 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.03 min
Lab File: BF114306.D
Acq: 16 May 2019 13:55

Tgt Ion	Ratio	Lower	Upper
139	100		
109	61.0	43.9	83.9
65	98.3	85.7	125.7





#57

2,4-Dinitrotoluene

Concen: 33.827 ng

RT: 10.09 min Scan# 1360

Delta R.T. 0.01 min

Lab File: BF114306.D

Acq: 16 May 2019 13:55

Instrument :

BNA_F

ClientSampleId :

PB119776BS

Tot Ion:165 Resp: 362090

Ion Ratio Lower Upper

165 100

63 50.4 35.5 53.3

89 70.2 55.2 82.8

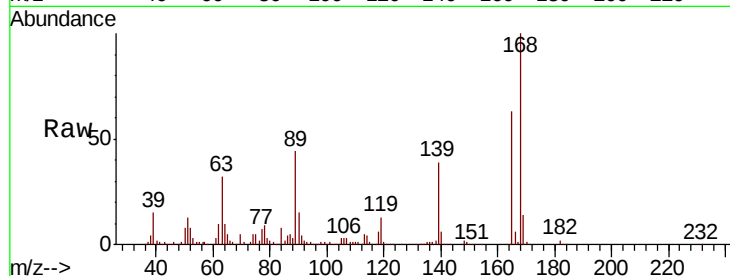
182 2.4 2.2 3.2

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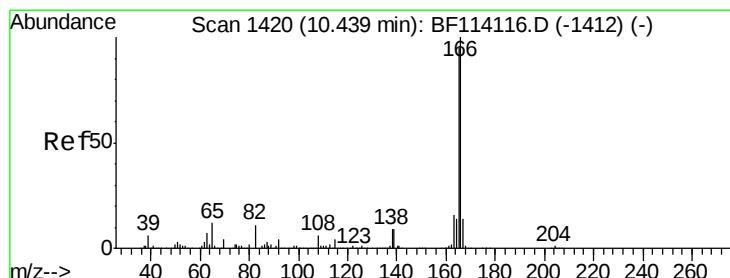
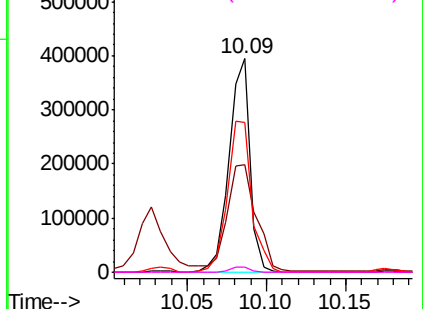
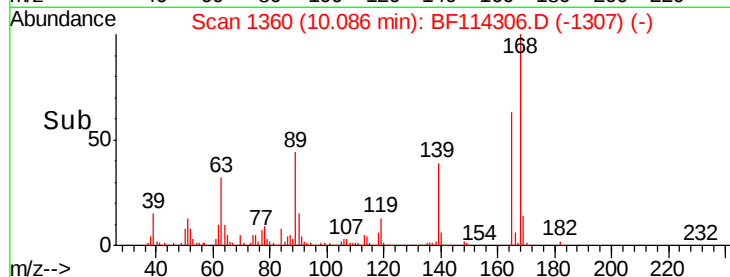


Abundance Ion 165.00 (164.70 to 165.70): E

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: 35.254 ng

RT: 10.44 min Scan# 1420

Delta R.T. -0.00 min

Lab File: BF114306.D

Acq: 16 May 2019 13:55

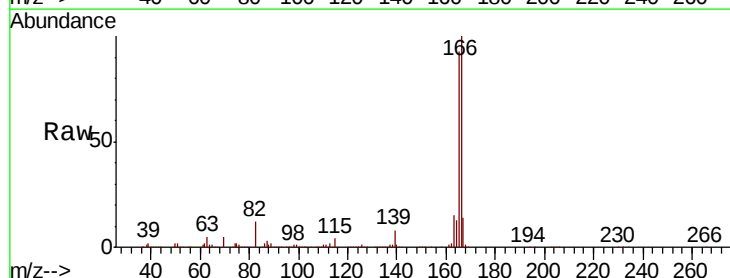
Tgt Ion:166 Resp: 1173594

Ion Ratio Lower Upper

166 100

165 93.4 76.1 114.1

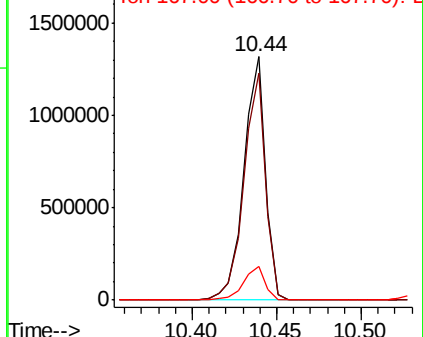
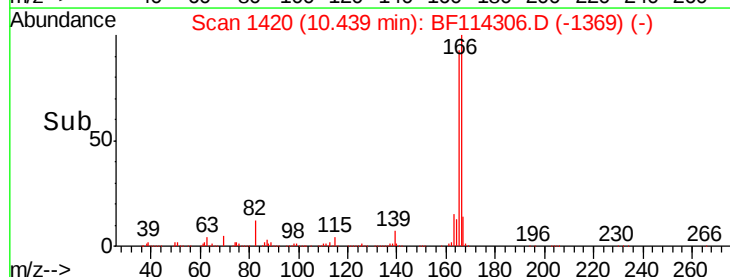
167 13.8 11.1 16.7

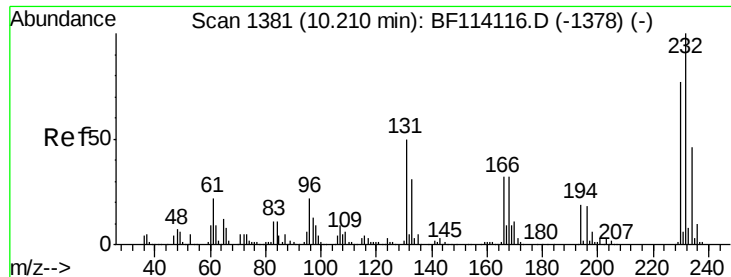


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





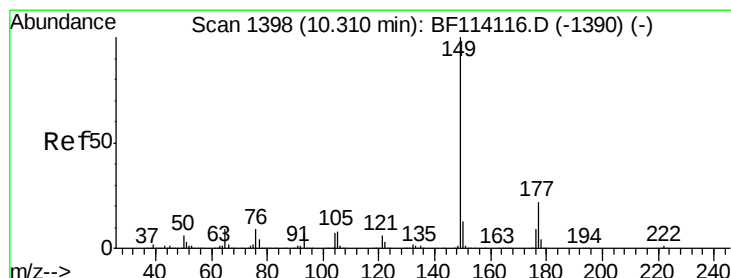
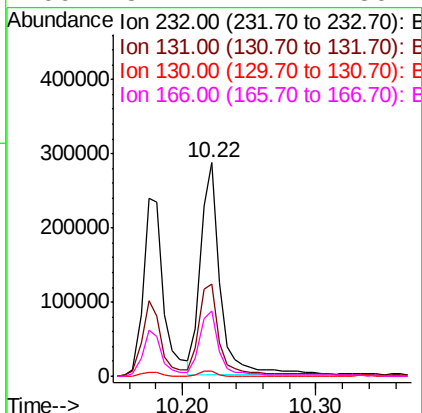
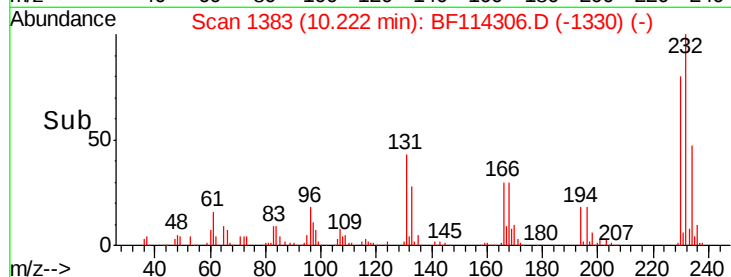
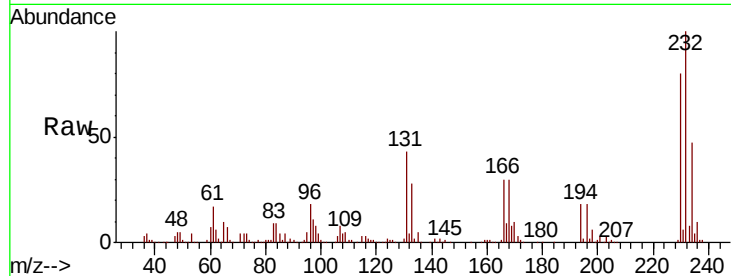
#59
2,3,4,6-Tetrachlorophenol
Concen: 31.990 ng
RT: 10.22 min Scan# 1383
Delta R.T. 0.01 min
Lab File: BF114306.D
Acq: 16 May 2019 13:55

Instrument :
BNA_F
ClientSampleId :
PB119776BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	285677		
131	45.2		35.6	53.4
130	2.4		1.6	2.4
166	31.1		24.1	36.1

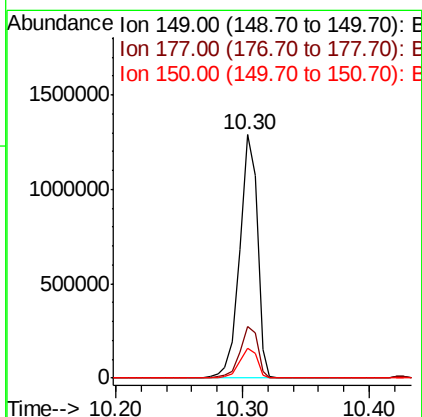
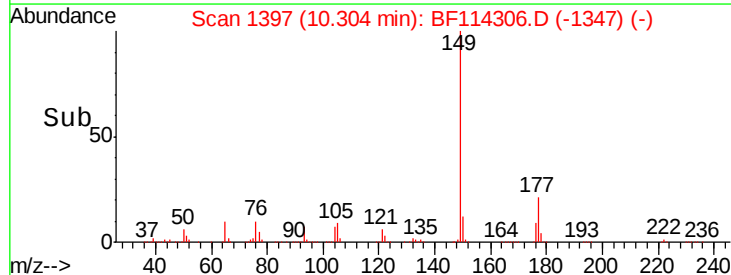
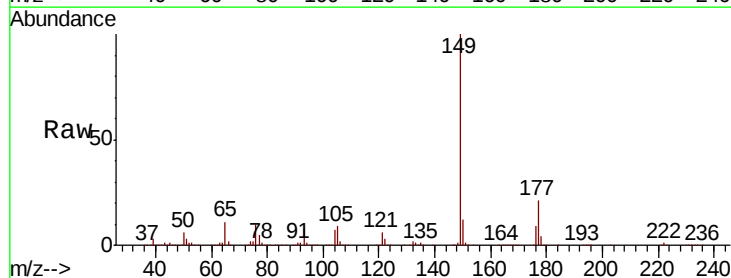
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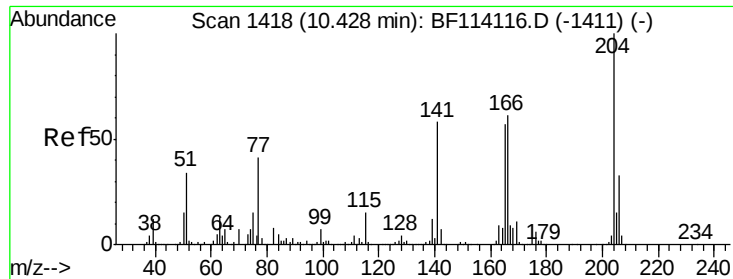
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#60
Diethylphthalate
Concen: 34.127 ng
RT: 10.30 min Scan# 1397
Delta R.T. -0.01 min
Lab File: BF114306.D
Acq: 16 May 2019 13:55

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1232926		
177	21.1		17.8	26.6
150	12.4		10.2	15.2





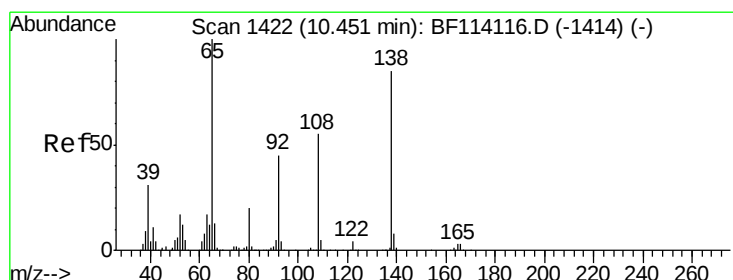
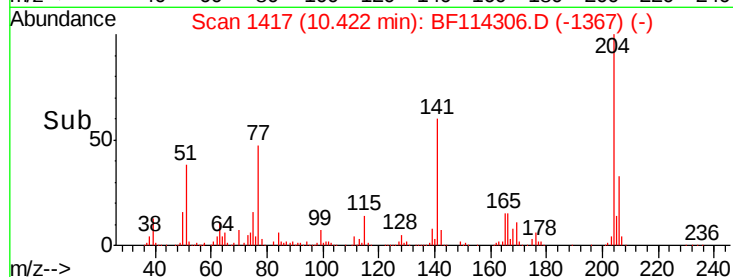
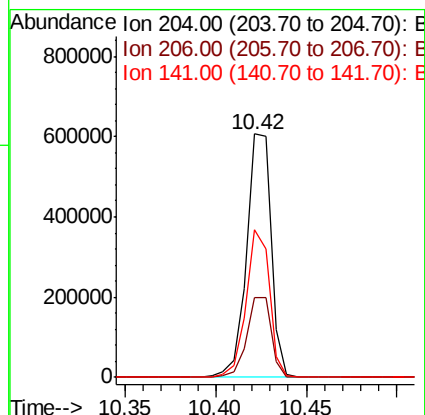
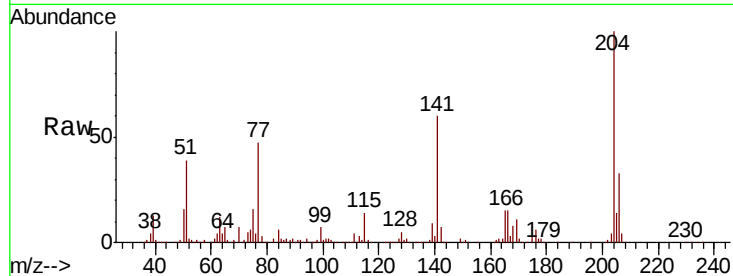
#61
4-Chlorophenyl-phenylether
Concen: 34.915 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF114306.D
Acq: 16 May 2019 13:55

Instrument :
BNA_F
ClientSampled :
PB119776BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.7	26.6	39.8
141	60.5	46.4	69.6

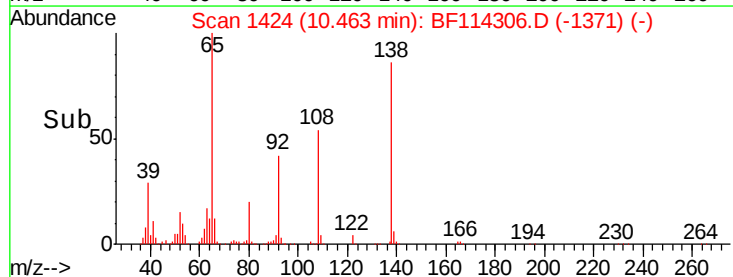
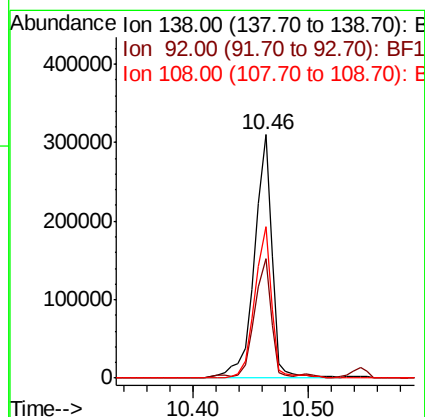
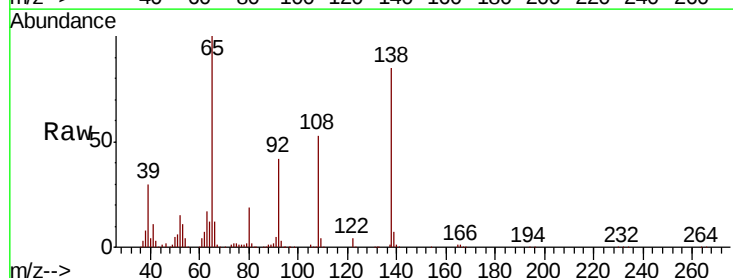
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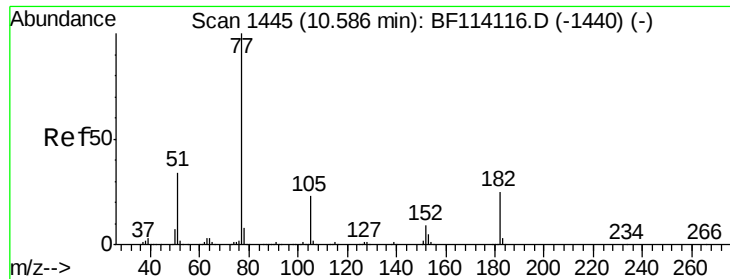
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#62
4-Nitroaniline
Concen: 32.066 ng
RT: 10.46 min Scan# 1424
Delta R.T. 0.01 min
Lab File: BF114306.D
Acq: 16 May 2019 13:55

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.9	33.0	73.0
108	62.3	44.9	84.9





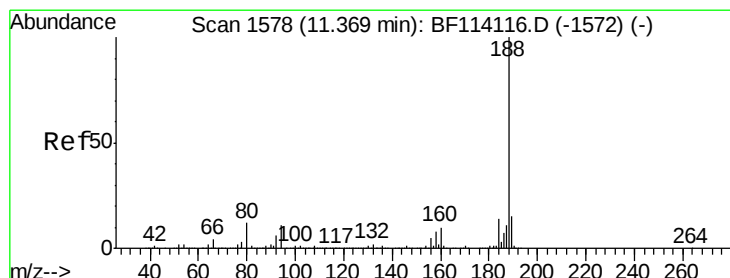
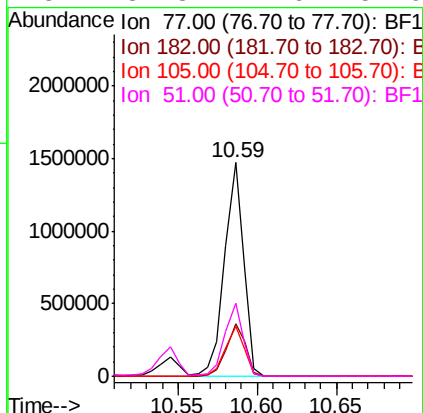
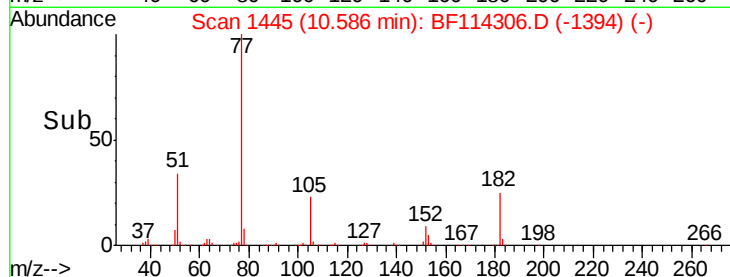
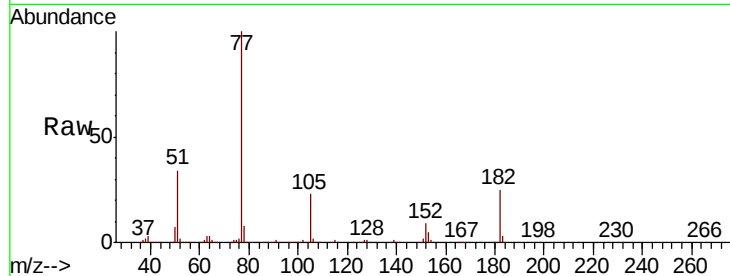
#63
Azobenzene
Concen: 35.048 ng
RT: 10.59 min Scan# 1445
Delta R.T. -0.00 min
Lab File: BF114306.D
Acq: 16 May 2019 13:55

Instrument :
BNA_F
ClientSampleId :
PB119776BS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	24.6	4.7	44.7	
105	23.1	2.9	42.9	
51	34.3	14.6	54.6	

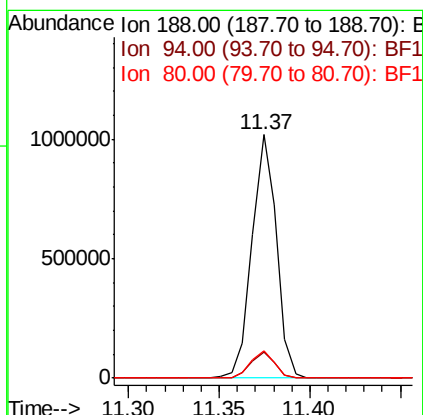
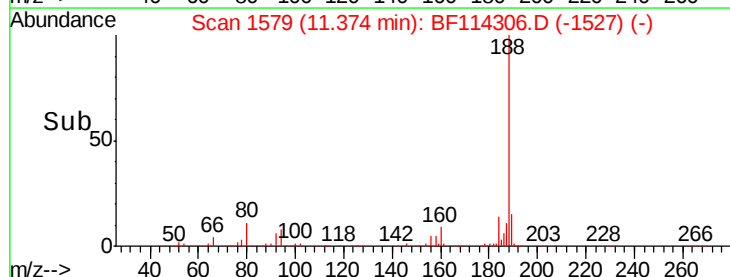
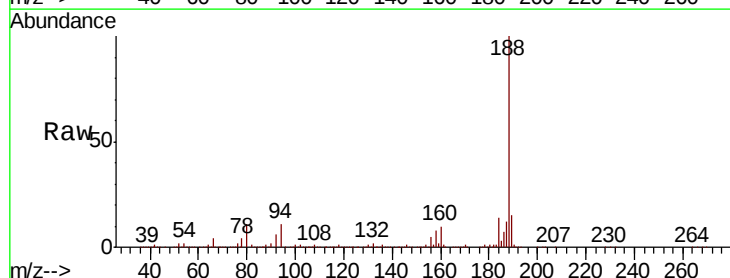
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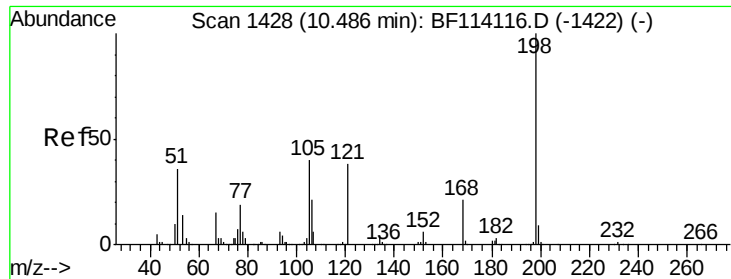
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. 0.01 min
Lab File: BF114306.D
Acq: 16 May 2019 13:55

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	10.8	8.4	12.6	
80	11.4	9.2	13.8	





#65

4,6-Dinitro-2-methylphenol

Concen: 34.727 ng

RT: 10.50 min Scan# 1430

Delta R.T. 0.01 min

Lab File: BF114306.D

Acq: 16 May 2019 13:55

Instrument :

BNA_F

ClientSampleId :

PB119776BS

Tot Ion:198 Resp: 159633

Ion Ratio Lower Upper

198 100

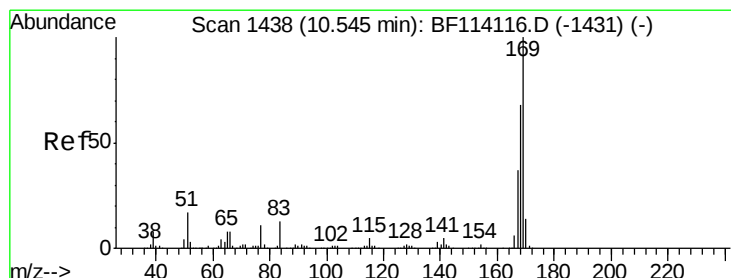
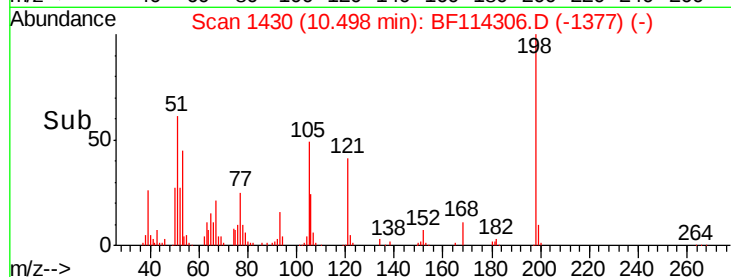
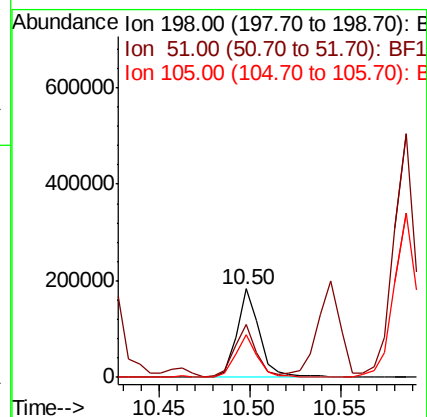
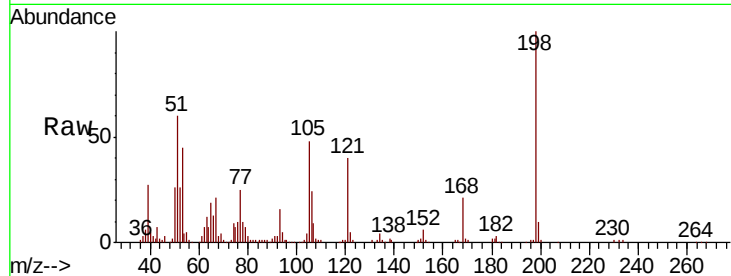
51 59.7 28.0 68.0

105 48.1 21.1 61.1

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#66

n-Nitrosodiphenylamine

Concen: 36.501 ng

RT: 10.55 min Scan# 1438

Delta R.T. -0.00 min

Lab File: BF114306.D

Acq: 16 May 2019 13:55

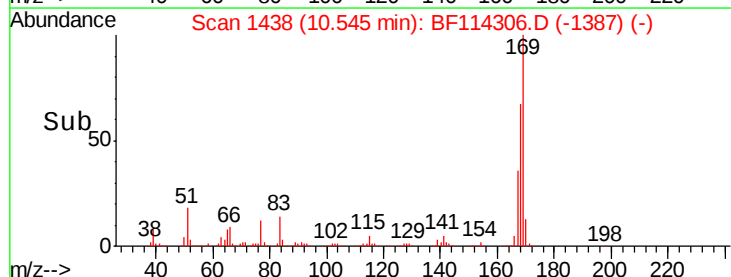
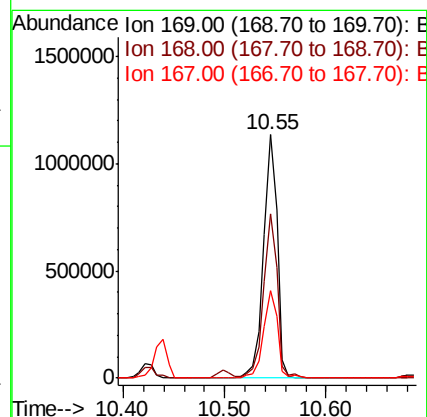
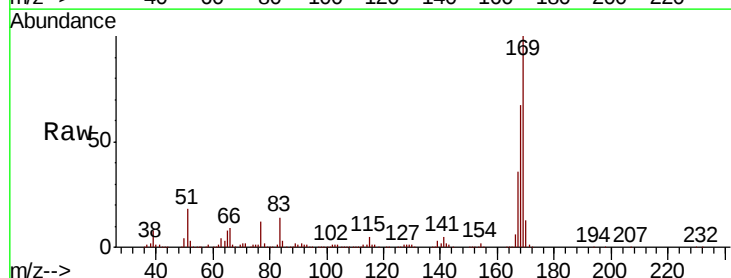
Tgt Ion:169 Resp: 1059807

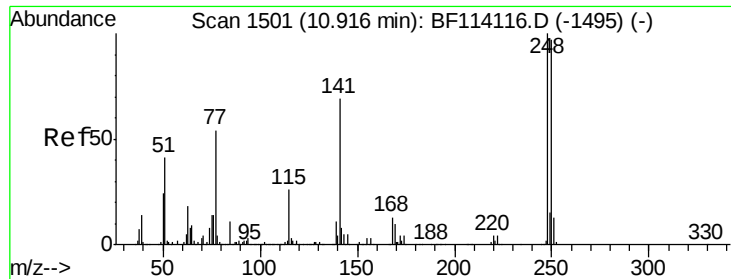
Ion Ratio Lower Upper

169 100

168 67.3 54.2 81.2

167 36.2 29.8 44.8





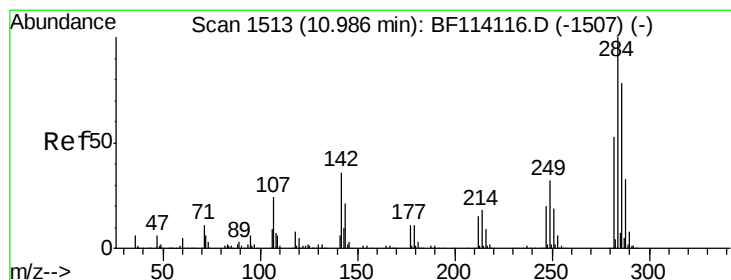
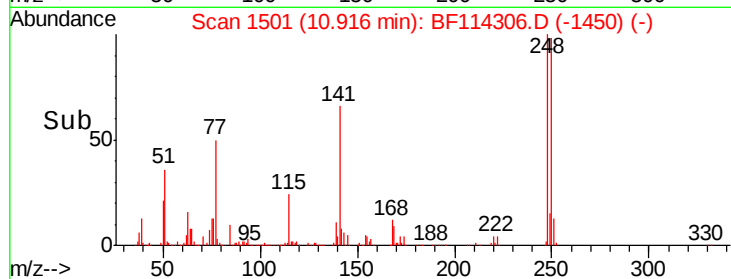
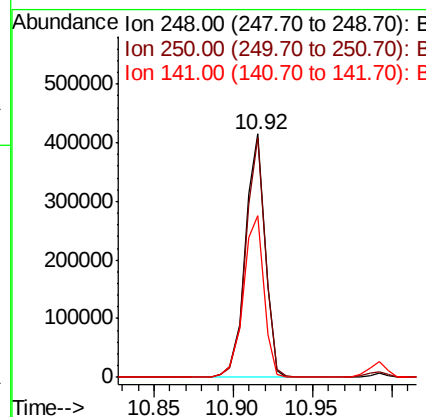
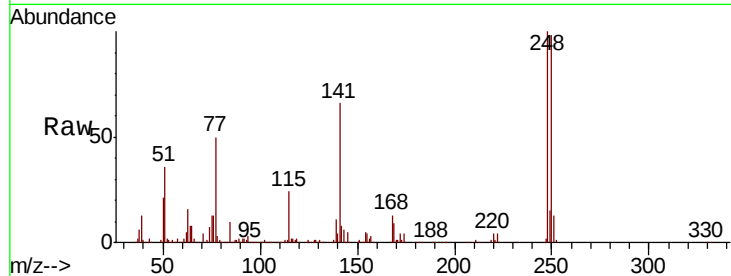
#67
4-Bromophenyl-phenylether
Concen: 33.917 ng
RT: 10.92 min Scan# 1501
Delta R.T. -0.00 min
Lab File: BF114306.D
Acq: 16 May 2019 13:55

Instrument :
BNA_F
ClientSampleId :
PB119776BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.4	77.4	116.2
141	66.3	55.6	83.4

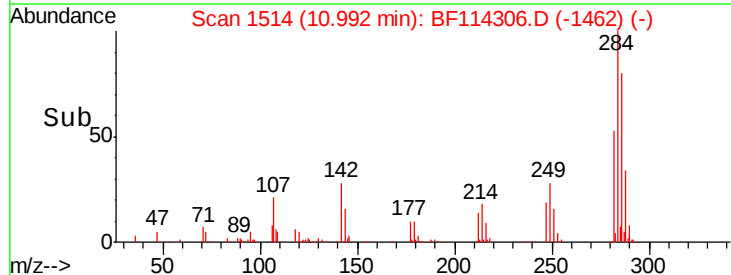
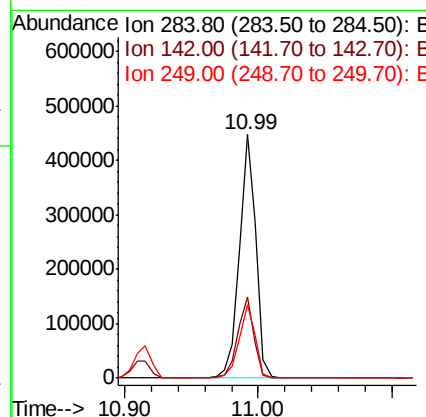
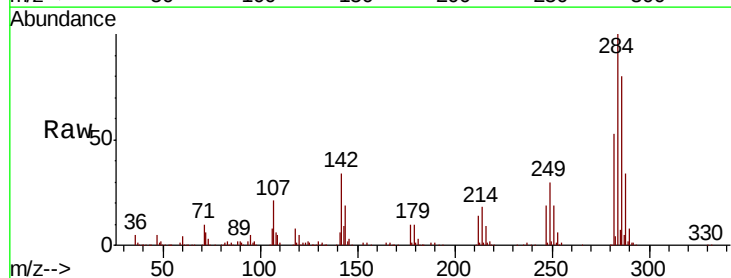
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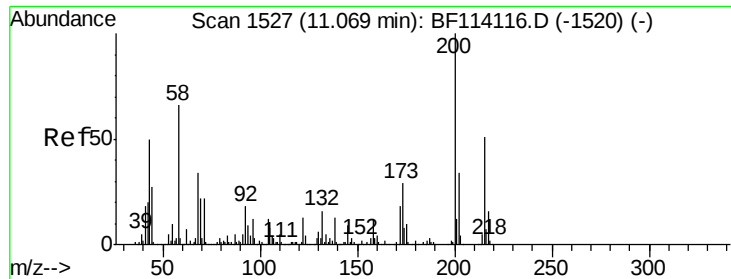
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#68
Hexachlorobenzene
Concen: 33.188 ng
RT: 10.99 min Scan# 1514
Delta R.T. 0.01 min
Lab File: BF114306.D
Acq: 16 May 2019 13:55

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.5	28.4	42.6
249	30.0	25.2	37.8





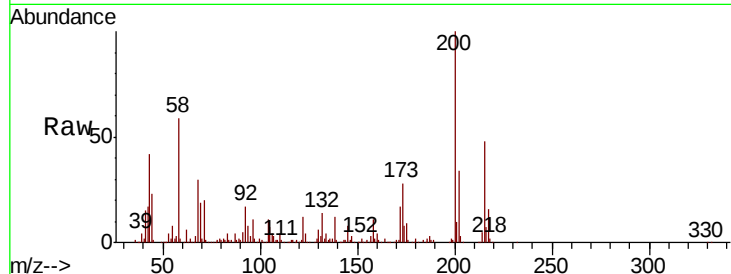
#69
Atrazine
Concen: 35.535 ng
RT: 11.07 min Scan# 1528
Delta R.T. 0.01 min
Lab File: BF114306.D
Acq: 16 May 2019 13:55

Instrument :
BNA_F
ClientSampleId :
PB119776BS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	321073		
173	28.2	8.9	48.9	
215	48.5	30.7	70.7	

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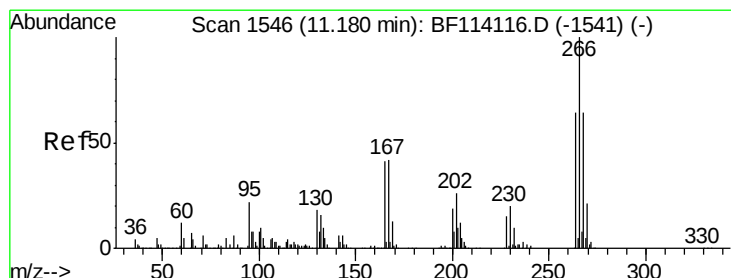
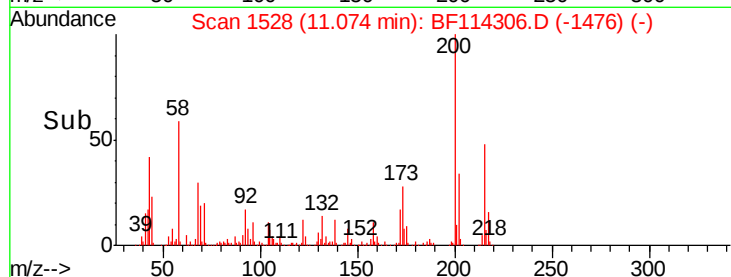
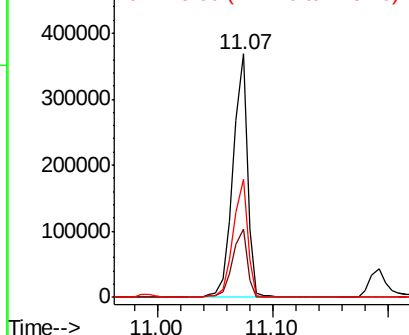


Abundance

Ion 200.00 (199.70 to 200.70): E

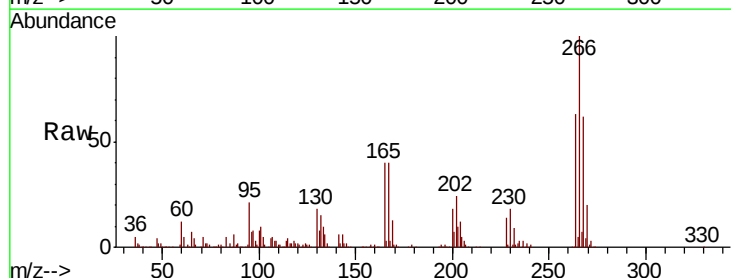
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 56.850 ng
RT: 11.19 min Scan# 1548
Delta R.T. 0.01 min
Lab File: BF114306.D
Acq: 16 May 2019 13:55

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	314025		
268	62.5	51.1	76.7	
264	63.1	51.1	76.7	

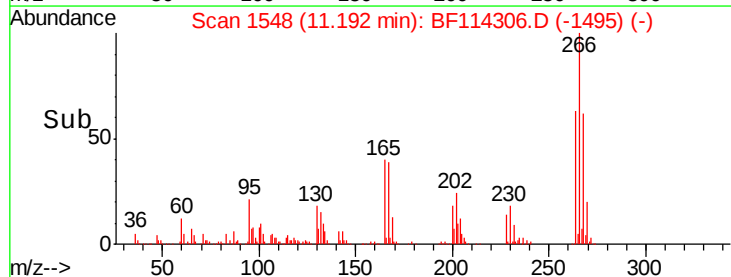
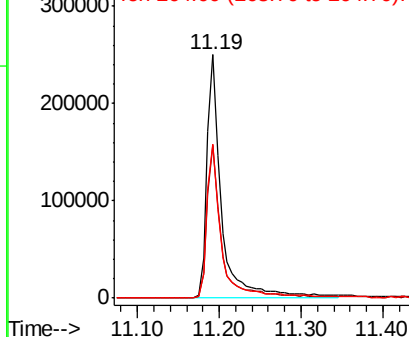


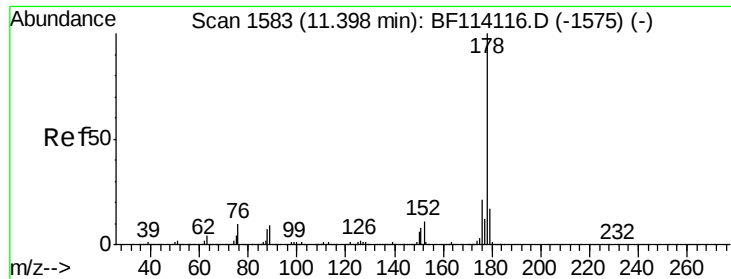
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





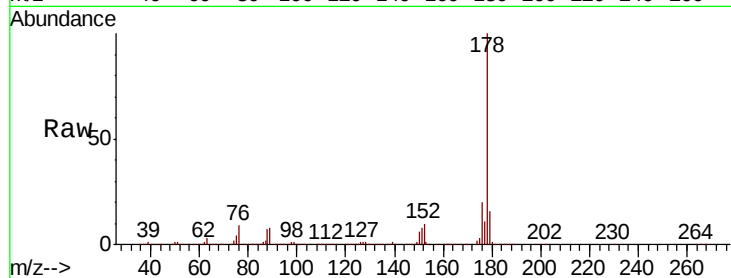
#71
Phenanthrene
Concen: 35.646 ng
RT: 11.40 min Scan# 1584
Delta R.T. 0.01 min
Lab File: BF114306.D
Acq: 16 May 2019 13:55

Instrument :
BNA_F
ClientSampleId :
PB119776BS

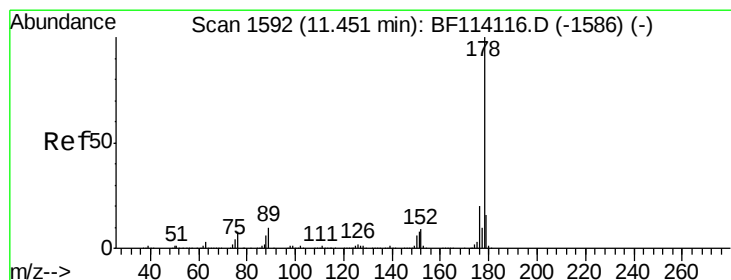
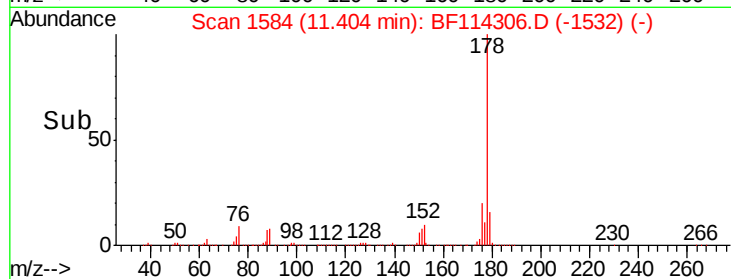
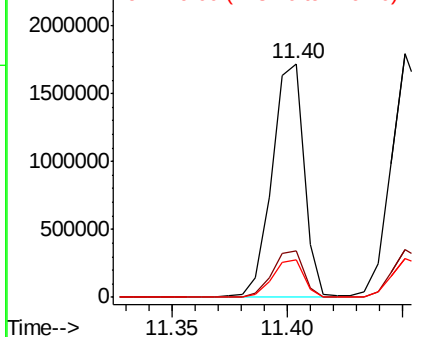
Tot Ion:178 Resp: 1659069
Ion Ratio Lower Upper
178 100
176 19.9 16.4 24.6
179 16.0 13.2 19.8

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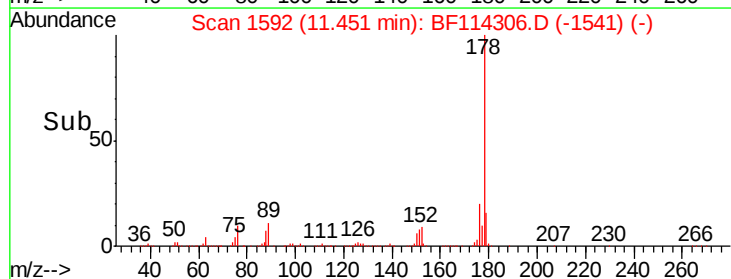
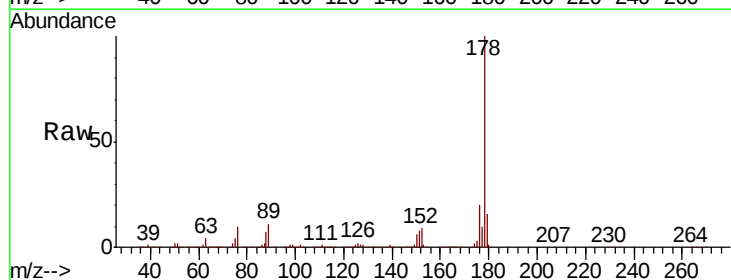
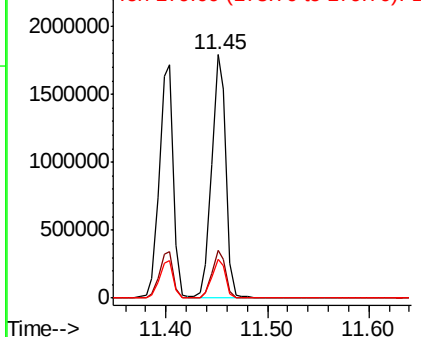
Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

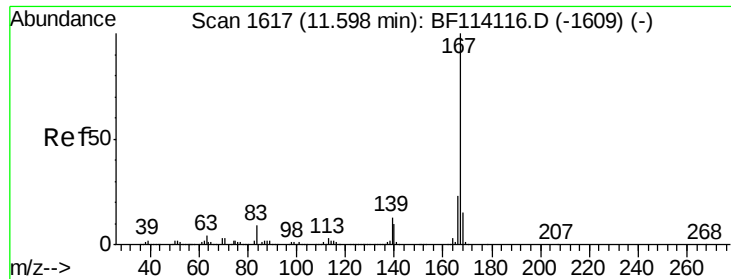


#72
Anthracene
Concen: 37.395 ng
RT: 11.45 min Scan# 1592
Delta R.T. -0.00 min
Lab File: BF114306.D
Acq: 16 May 2019 13:55

Tgt Ion:178 Resp: 1748143
Ion Ratio Lower Upper
178 100
176 19.6 15.8 23.8
179 16.2 13.0 19.4

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





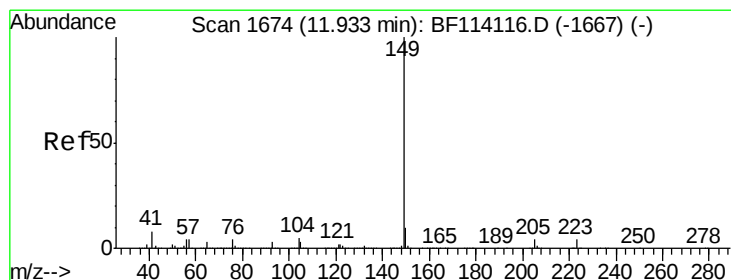
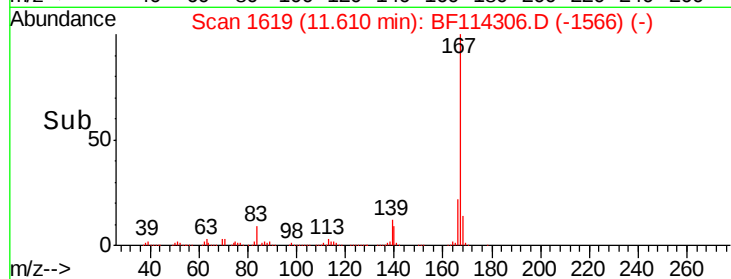
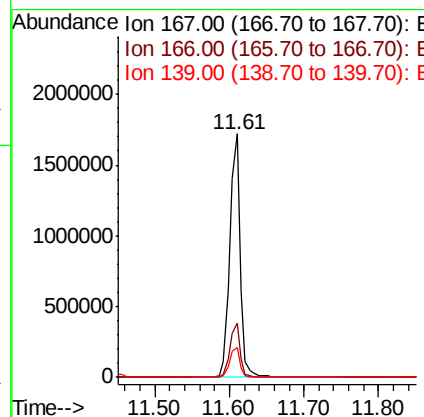
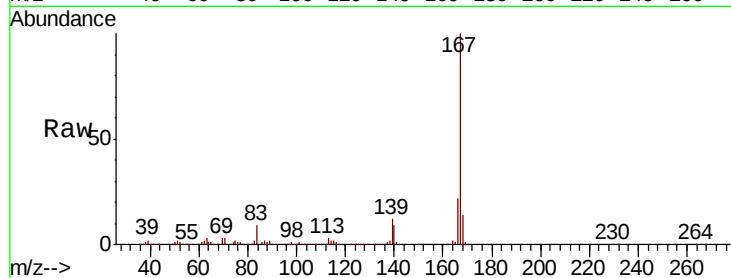
#73
 Carbazole
 Concen: 37.467 ng
 RT: 11.61 min Scan# 1619
 Delta R.T. 0.01 min
 Lab File: BF114306.D
 Acq: 16 May 2019 13:55

Instrument :
 BNA_F
 ClientSampleId :
 PB119776BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.1	18.2	27.2
139	12.3	10.6	16.0

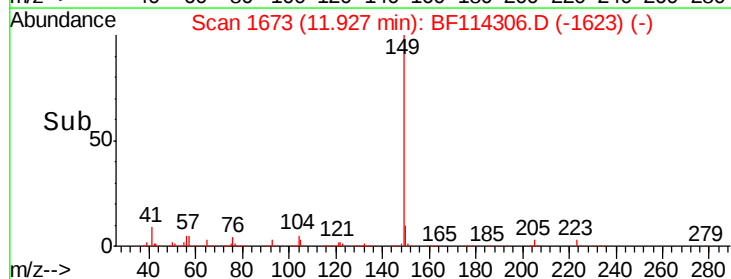
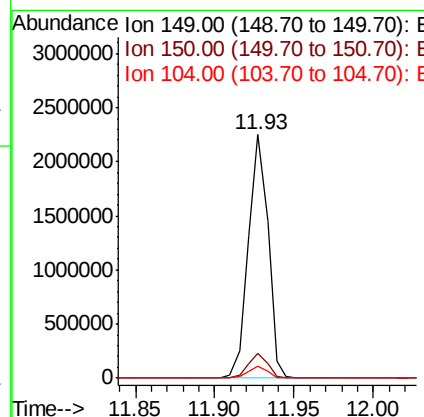
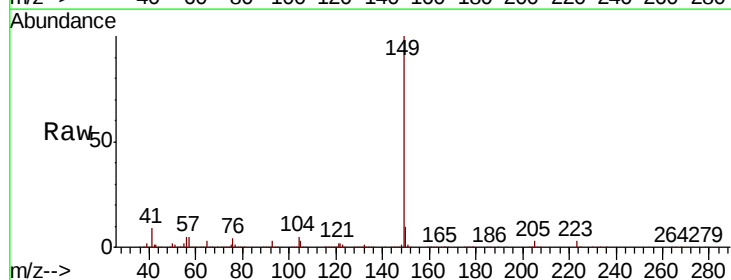
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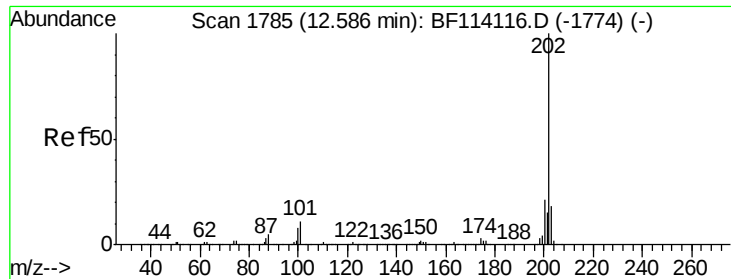
mohammad
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#74
 Di-n-butylphthalate
 Concen: 37.623 ng
 RT: 11.93 min Scan# 1673
 Delta R.T. -0.01 min
 Lab File: BF114306.D
 Acq: 16 May 2019 13:55

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.9	7.7	11.5
104	4.7	3.6	5.4





#75

Fluoranthene

Concen: 36.695 ng

RT: 12.59 min Scan# 1786

Delta R.T. 0.01 min

Lab File: BF114306.D

Acq: 16 May 2019 13:55

Instrument :

BNA_F

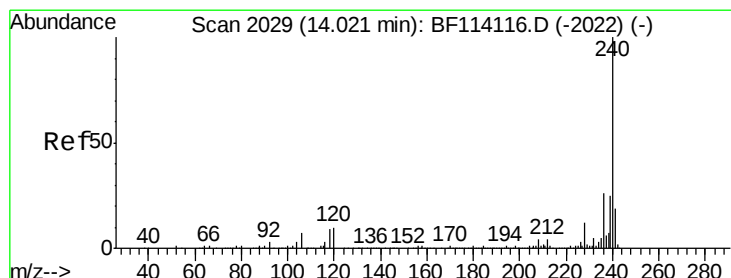
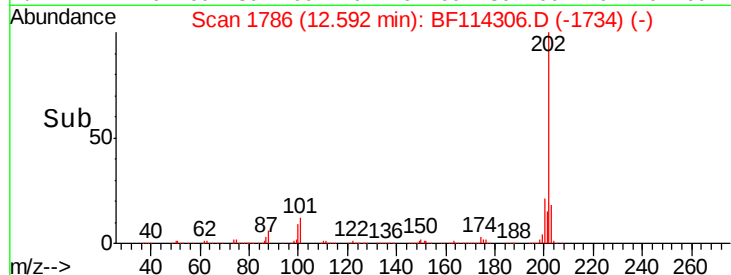
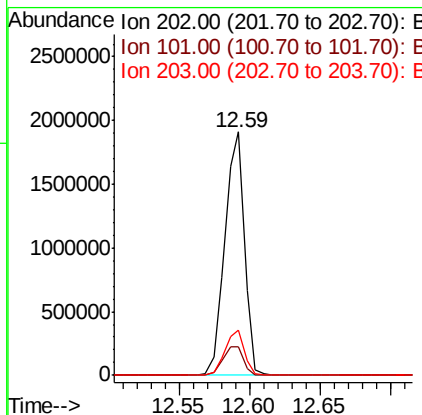
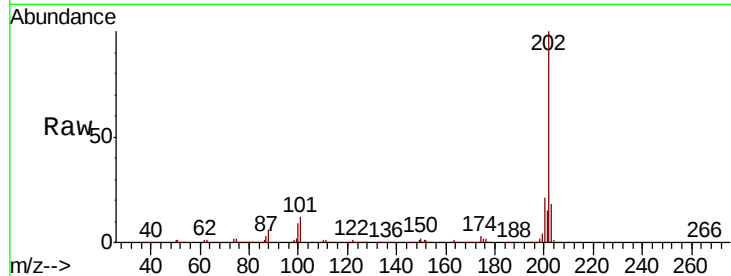
ClientSampleId :

PB119776BS

Tot Ion:	202	Resp:	1839187
Ion Ratio	Lower	Upper	
202	100		
101	12.0	0.0	31.0
203	18.3	0.0	38.4

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#76

Chrysene-d12

Concen: 20.000 ng

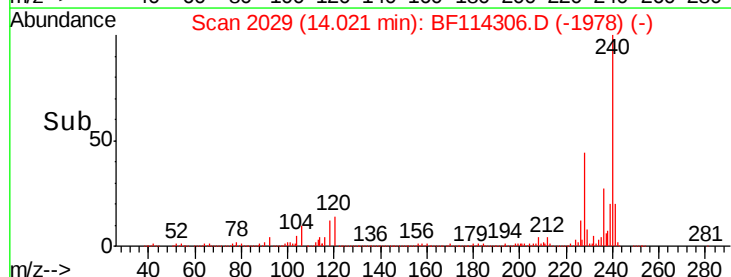
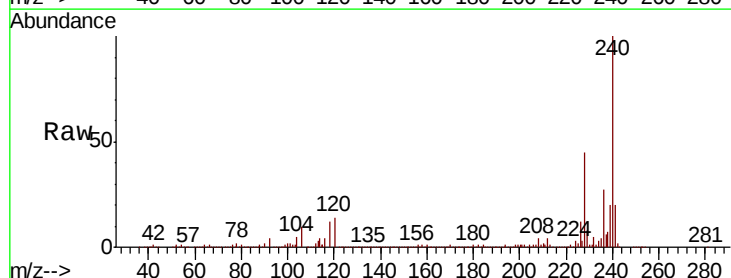
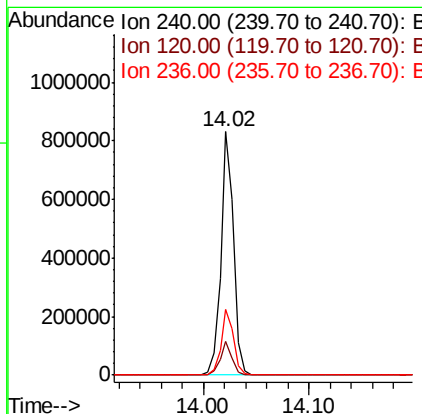
RT: 14.02 min Scan# 2029

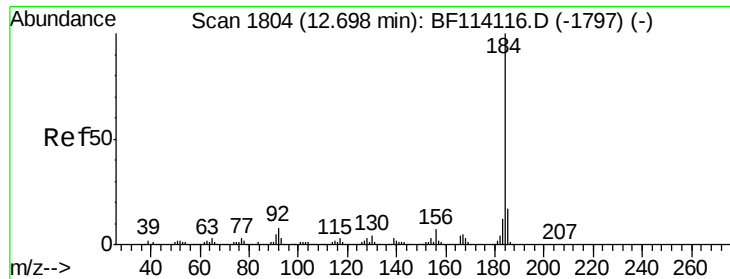
Delta R.T. -0.00 min

Lab File: BF114306.D

Acq: 16 May 2019 13:55

Tgt Ion:	240	Resp:	700909
Ion Ratio	Lower	Upper	
240	100		
120	13.7	8.3	12.5#
236	26.7	20.8	31.2





#77

Benzidine

Concen: 24.819 ng

RT: 12.70 min Scan# 1805

Delta R.T. 0.01 min

Lab File: BF114306.D

Acq: 16 May 2019 13:55

Instrument :

BNA_F

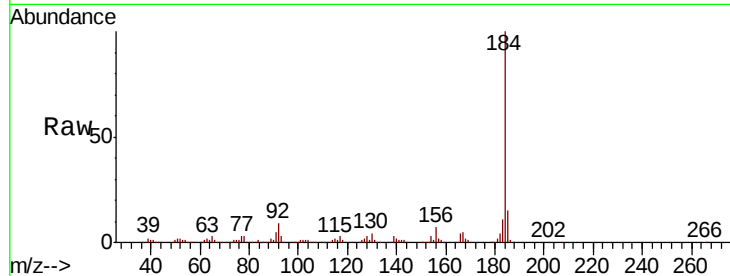
ClientSampleId :

PB119776BS

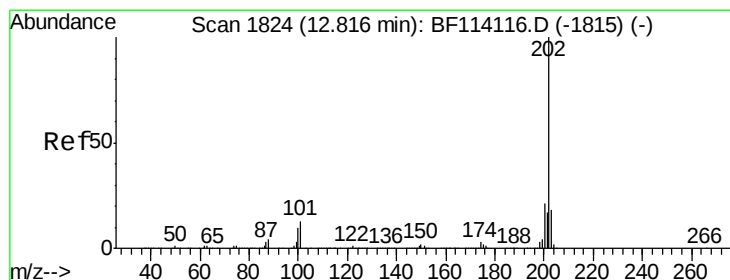
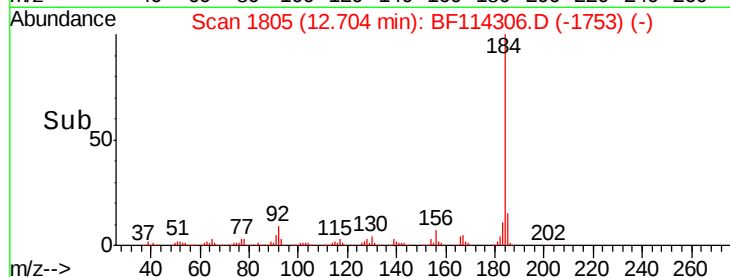
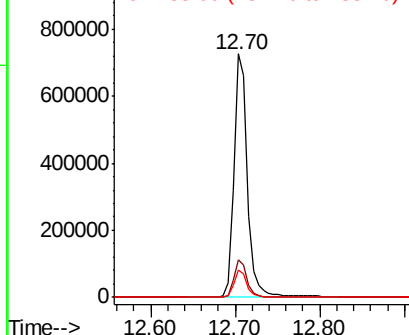
Tot Ion:	184	Resp:	780884
Ion Ratio	Lower	Upper	
184	100		
185	15.2	13.6	20.4
183	11.1	9.2	13.8

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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 32.991 ng

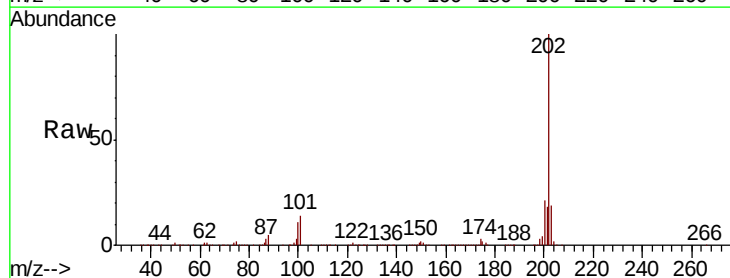
RT: 12.82 min Scan# 1825

Delta R.T. 0.01 min

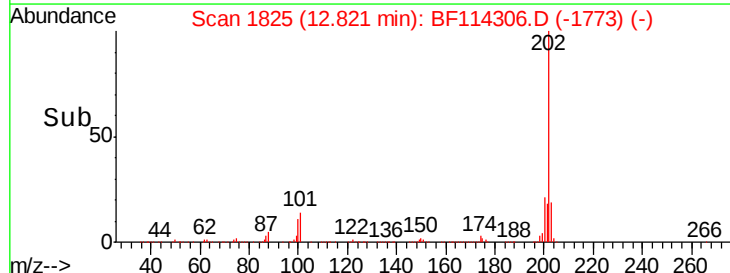
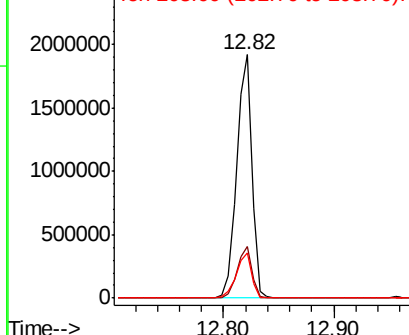
Lab File: BF114306.D

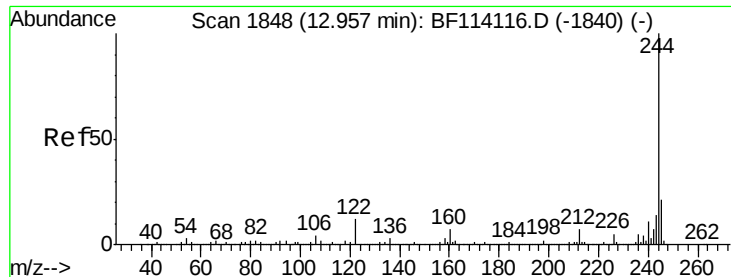
Acq: 16 May 2019 13:55

Tgt Ion:	202	Resp:	1860192
Ion Ratio	Lower	Upper	
202	100		
200	21.1	16.9	25.3
203	18.5	14.5	21.7



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 62.477 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.00 min

Lab File: BF114306.D

Acq: 16 May 2019 13:55

Instrument :

BNA_F

ClientSampled :

PB119776BS

Tot Ion:244 Resp: 2124301

Ion Ratio Lower Upper

244 100

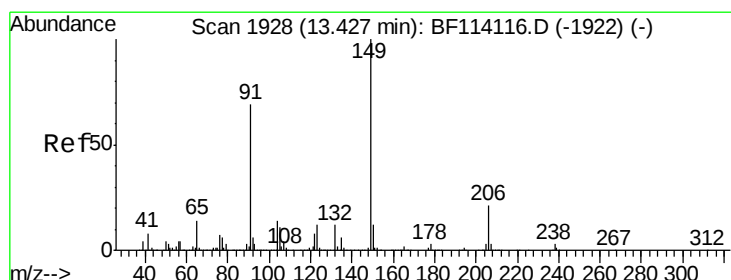
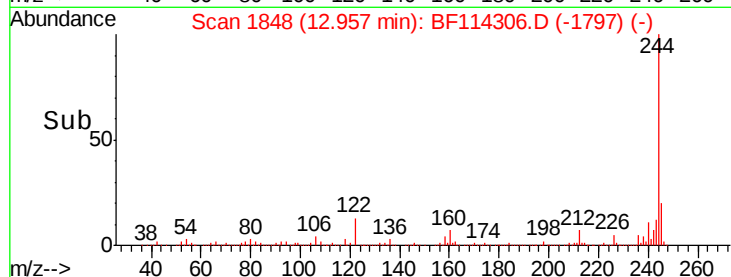
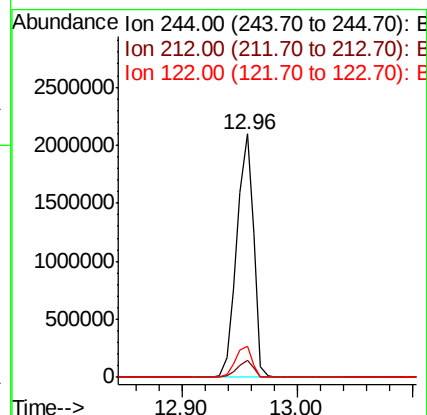
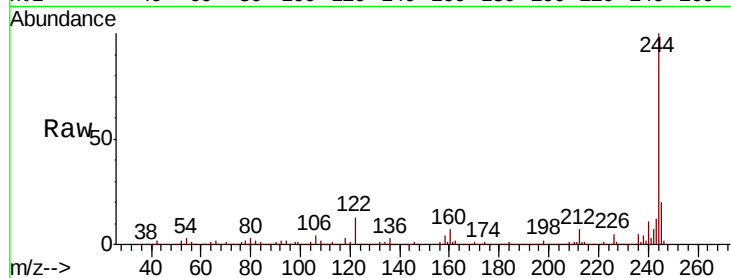
212 7.1 5.8 8.6

122 12.7 9.4 14.2

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#80

Butylbenzylphthalate

Concen: 36.605 ng

RT: 13.43 min Scan# 1928

Delta R.T. -0.00 min

Lab File: BF114306.D

Acq: 16 May 2019 13:55

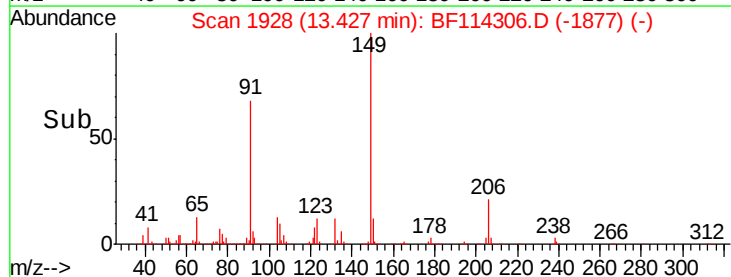
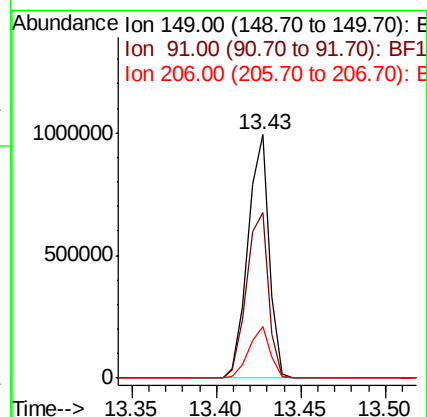
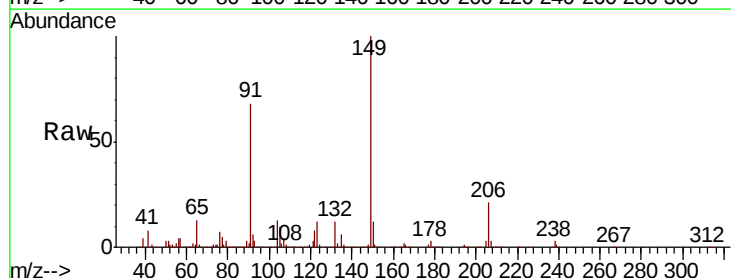
Tgt Ion:149 Resp: 868729

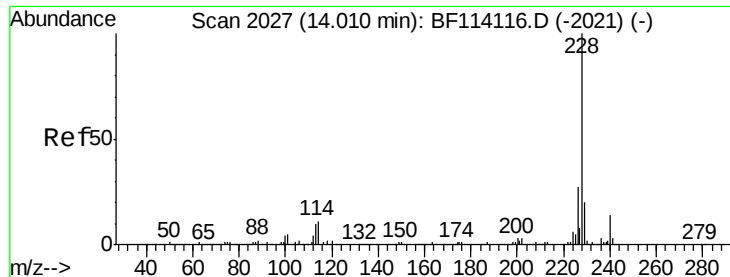
Ion Ratio Lower Upper

149 100

91 68.0 55.0 82.4

206 21.2 16.9 25.3





#81

Benzo(a)anthracene

Concen: 35.429 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.00 min

Lab File: BF114306.D

Acq: 16 May 2019 13:55

Instrument :

BNA_F

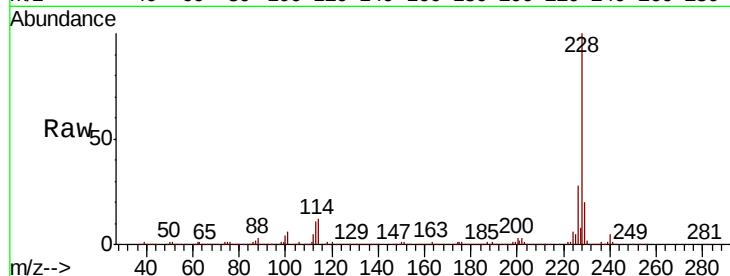
ClientSampleId :

PB119776BS

Tot Ion:	228	Resp:	1606154
Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.2	33.2
229	20.1	16.4	24.6

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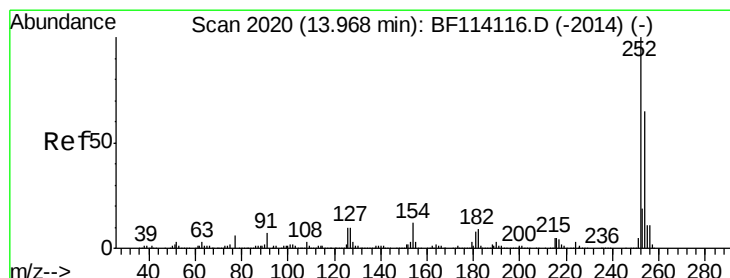
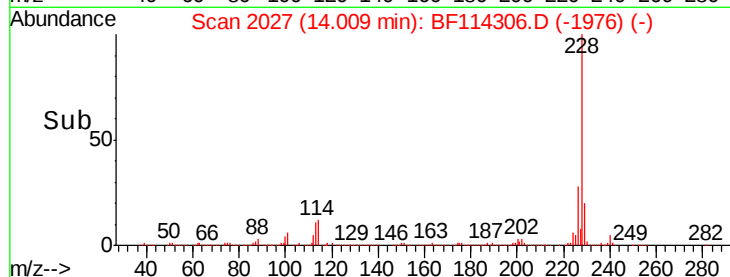
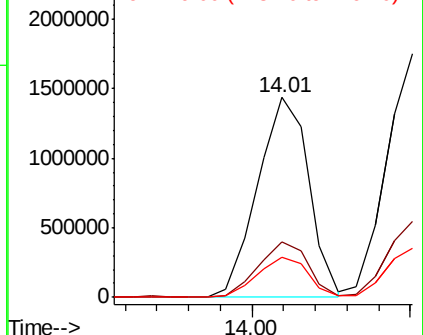


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 27.786 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.00 min

Lab File: BF114306.D

Acq: 16 May 2019 13:55

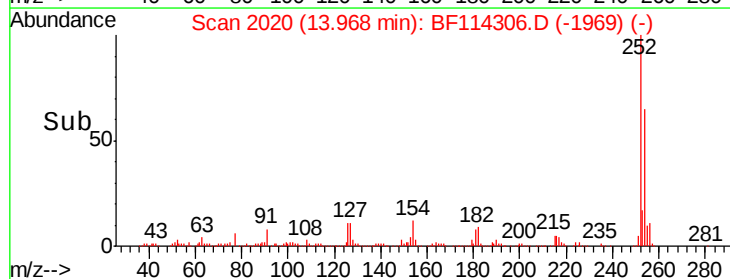
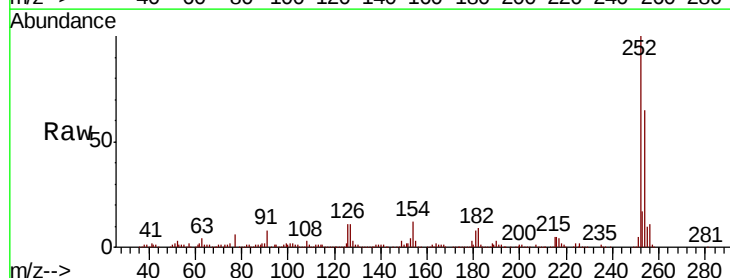
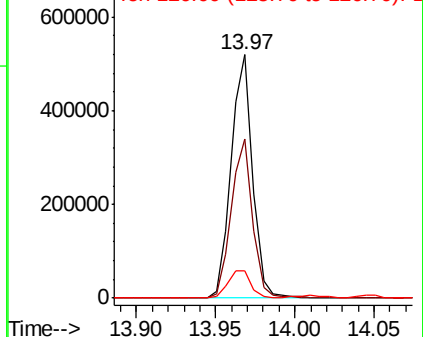
Tgt Ion:	252	Resp:	488651
Ion	Ratio	Lower	Upper
252	100		
254	65.2	51.9	77.9
126	11.1	7.9	11.9

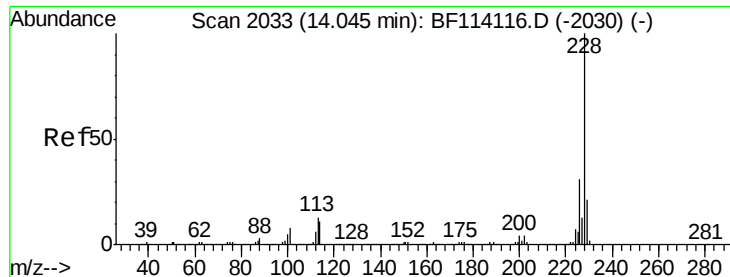
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





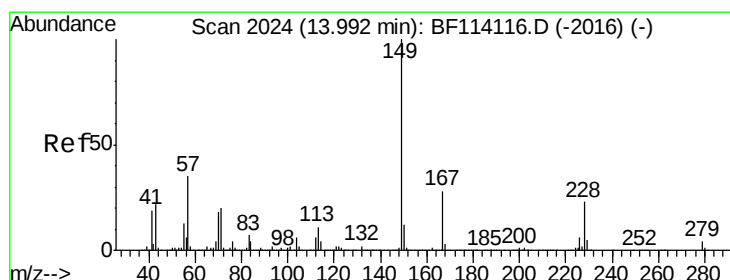
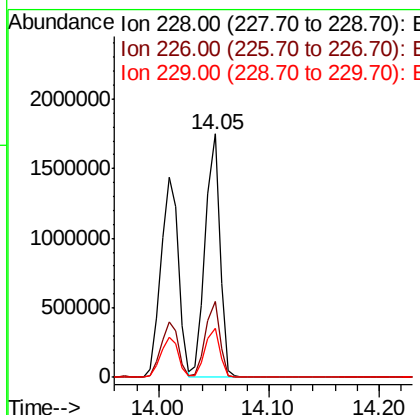
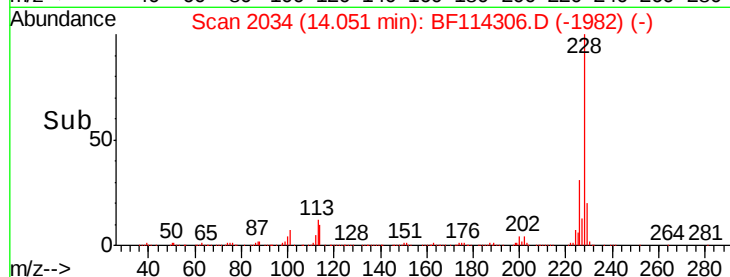
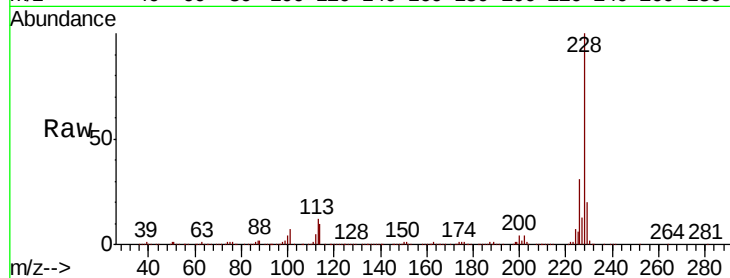
#83
 Chrysene
 Concen: 35.103 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. 0.01 min
 Lab File: BF114306.D
 Acq: 16 May 2019 13:55

Instrument :
 BNA_F
 ClientSampleId :
 PB119776BS

Tot Ion:228 Resp: 1559990
 Ion Ratio Lower Upper
 228 100
 226 31.2 25.0 37.6
 229 20.4 17.0 25.6

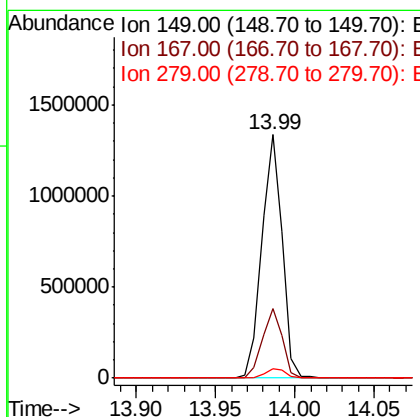
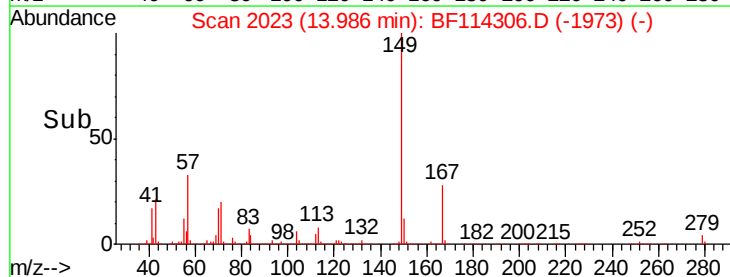
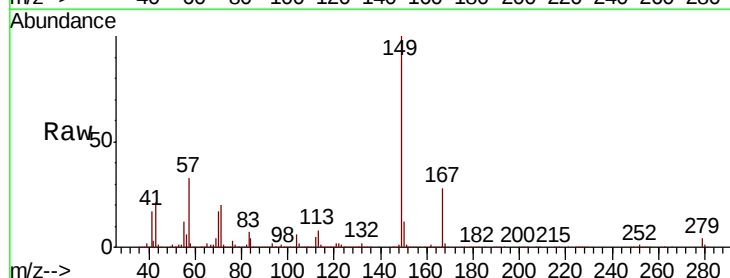
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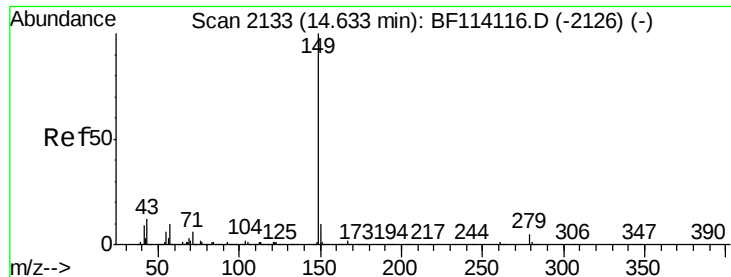
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 38.696 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. -0.01 min
 Lab File: BF114306.D
 Acq: 16 May 2019 13:55

Tgt Ion:149 Resp: 1201092
 Ion Ratio Lower Upper
 149 100
 167 28.4 22.6 33.8
 279 4.0 3.0 4.6





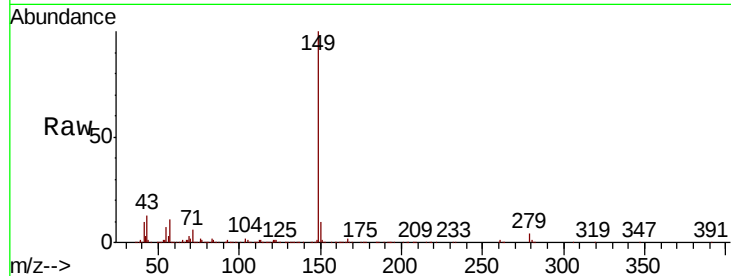
#85
Di-n-octyl phthalate
Concen: 40.123 ng
RT: 14.61 min Scan# 2129
Delta R.T. -0.02 min
Lab File: BF114306.D
Acq: 16 May 2019 13:55

Instrument :
BNA_F
ClientSampleID :
PB119776BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	12.3	10.1	15.1

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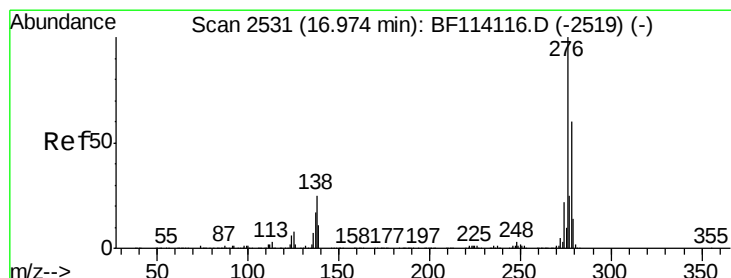
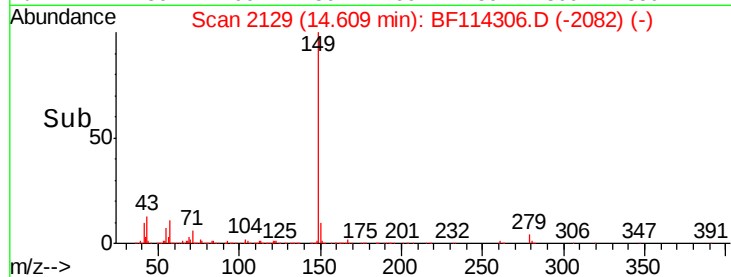
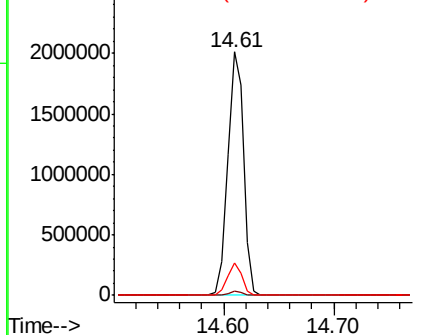


Abundance

Ion 149.00 (148.70 to 149.70): E

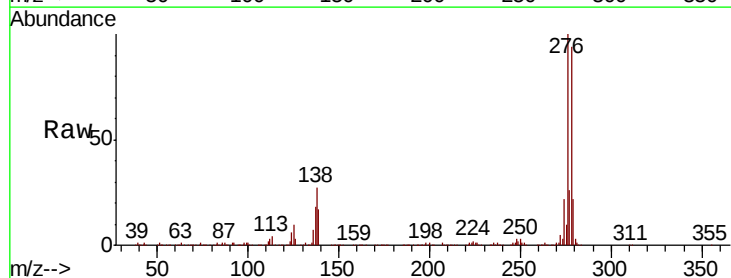
Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86
Indeno(1,2,3-cd)pyrene
Concen: 35.058 ng
RT: 17.00 min Scan# 2535
Delta R.T. 0.02 min
Lab File: BF114306.D
Acq: 16 May 2019 13:55

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.4	20.2	30.2
277	24.8	20.0	30.0

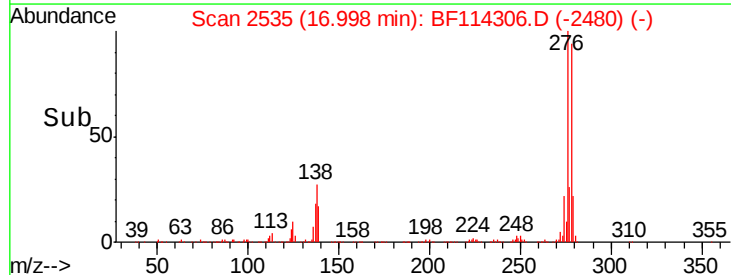
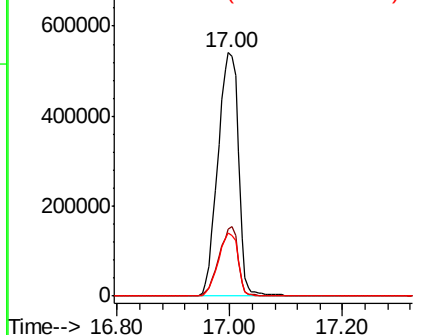


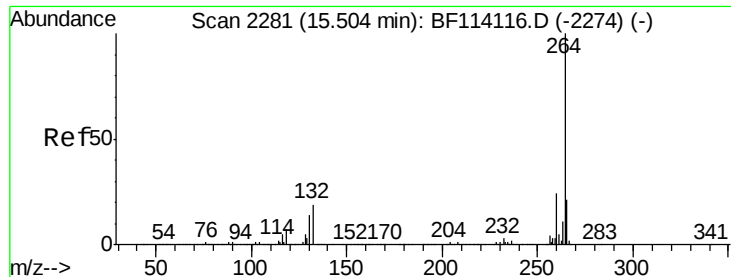
Abundance

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





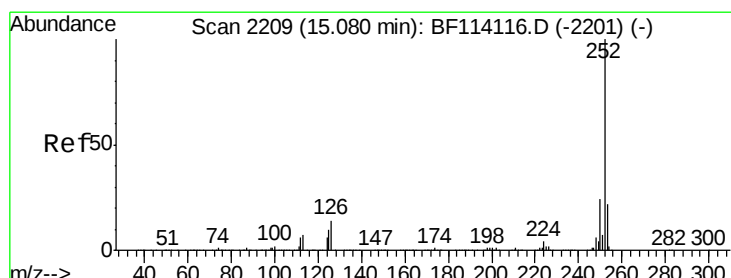
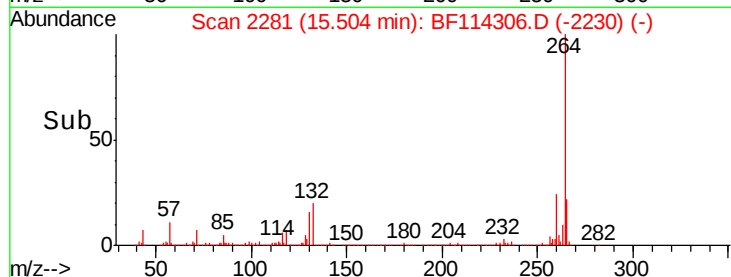
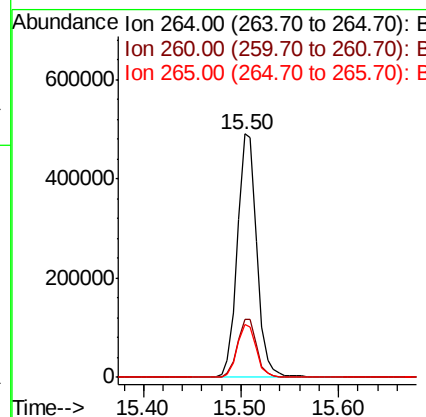
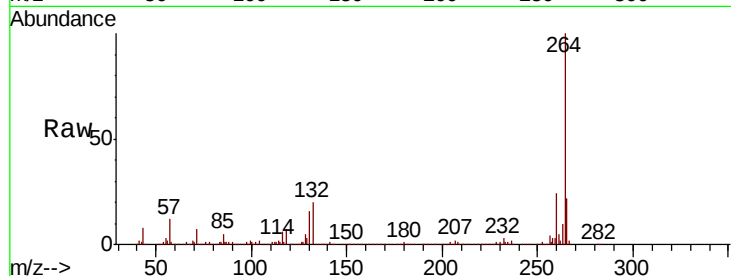
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2281
Delta R.T. -0.00 min
Lab File: BF114306.D
Acq: 16 May 2019 13:55

Instrument :
BNA_F
ClientSampleId :
PB119776BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.4	29.0
265	21.9	16.9	25.3

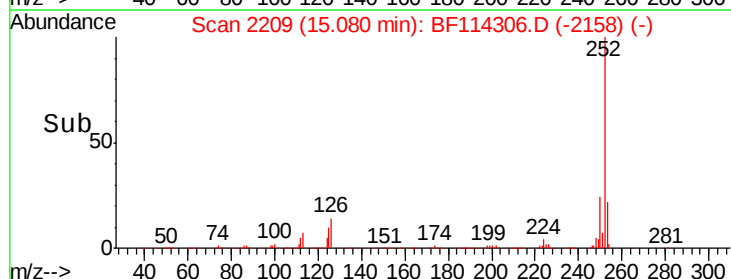
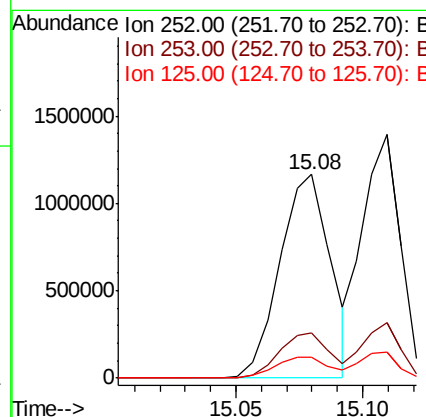
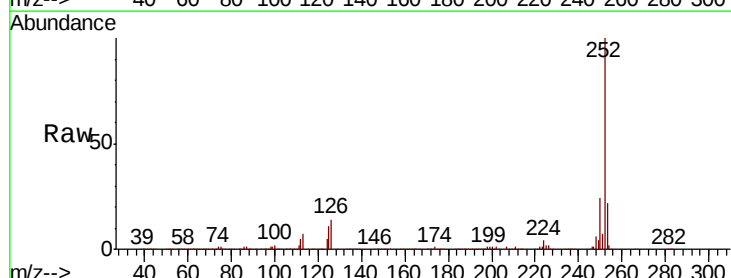
Manual Integrations
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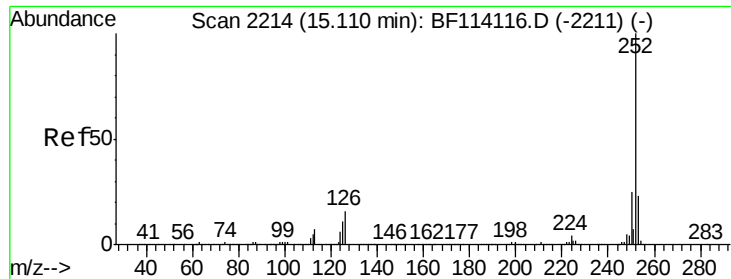
mohammad
5/17/2019 3:04:21 PM



#88
Benzo(b)fluoranthene
Concen: 37.368 ng
RT: 15.08 min Scan# 2209
Delta R.T. -0.00 min
Lab File: BF114306.D
Acq: 16 May 2019 13:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.8
125	10.5	8.3	12.5





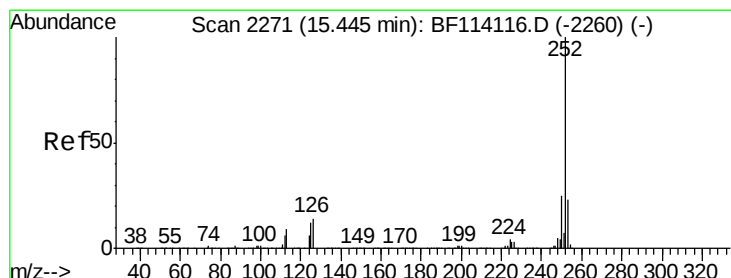
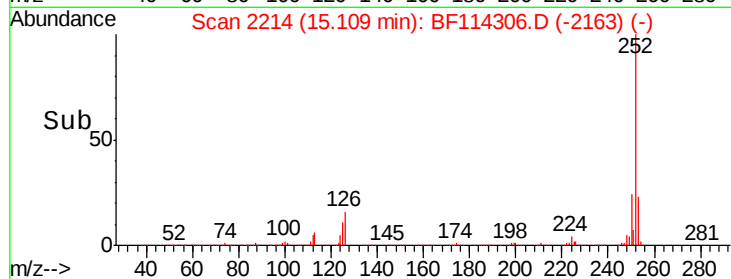
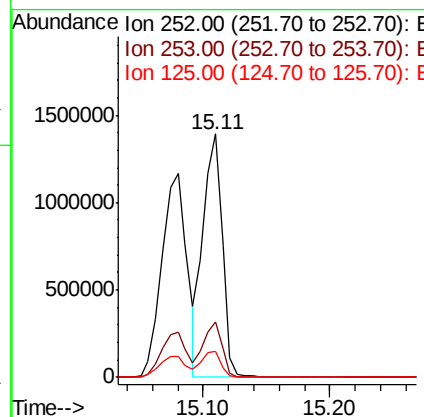
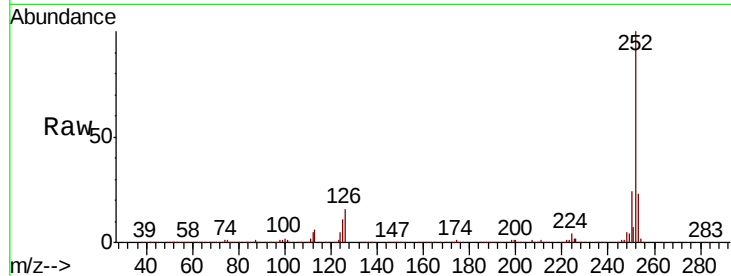
#89
Benzo(k)fluoranthene
Concen: 36.868 ng
RT: 15.11 min Scan# 2214
Delta R.T. -0.00 min
Lab File: BF114306.D
Acq: 16 May 2019 13:55

Instrument :
BNA_F
ClientSampleId :
PB119776BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.2	27.2
125	10.6	8.6	13.0

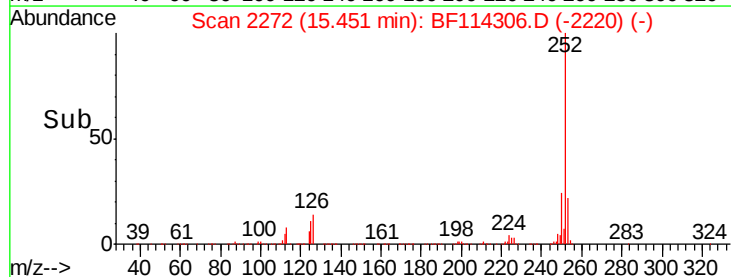
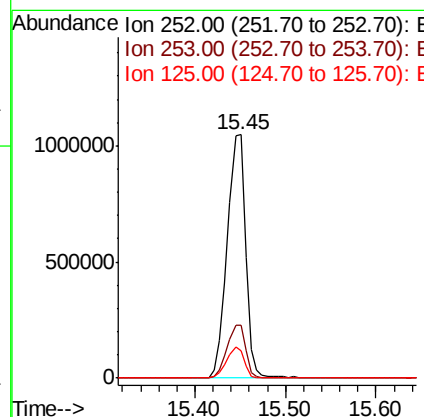
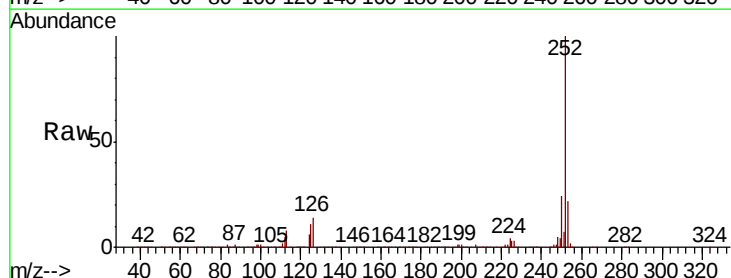
Manual Integrations
APPROVED

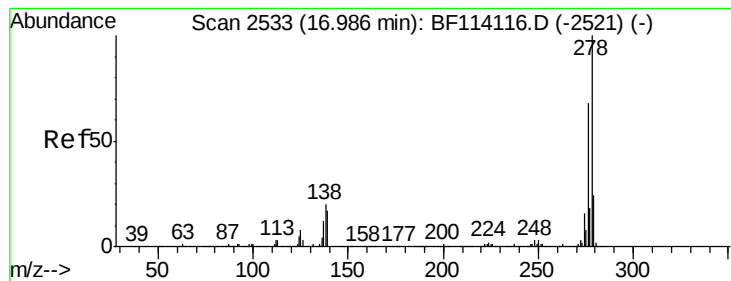
mohammad
5/17/2019 3:04:21 PM



#90
Benzo(a)pyrene
Concen: 38.922 ng
RT: 15.45 min Scan# 2272
Delta R.T. 0.01 min
Lab File: BF114306.D
Acq: 16 May 2019 13:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.1	27.1
125	11.1	9.5	14.3





#91

Dibenzo(a,h)anthracene

Concen: 36.334 ng

RT: 17.01 min Scan# 2537

Delta R.T. 0.02 min

Lab File: BF114306.D

Acq: 16 May 2019 13:55

Instrument :

BNA_F

ClientSampleId :

PB119776BS

Tot Ion:278 Resp: 1150037

Ion Ratio Lower Upper

278 100

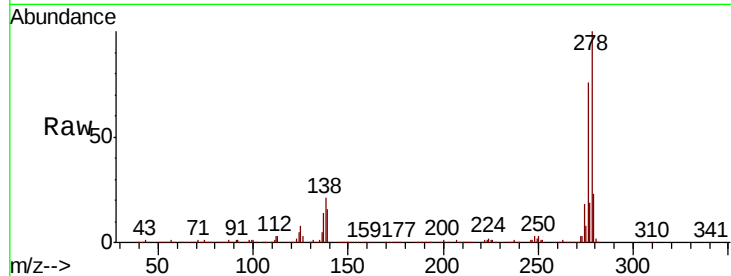
139 16.0 13.5 20.3

279 23.0 19.0 28.6

Manual Integrations
APPROVED

mohammad

5/17/2019 3:04:21 PM

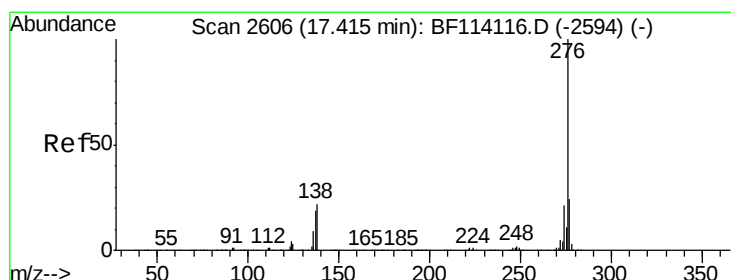
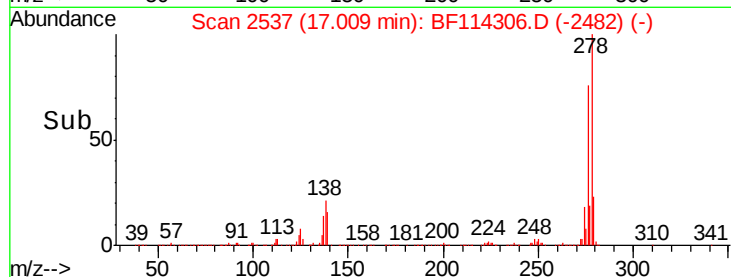
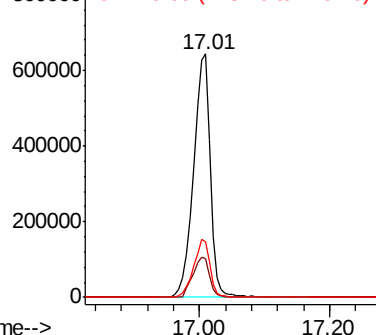


Abundance

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: 36.093 ng

RT: 17.44 min Scan# 2611

Delta R.T. 0.03 min

Lab File: BF114306.D

Acq: 16 May 2019 13:55

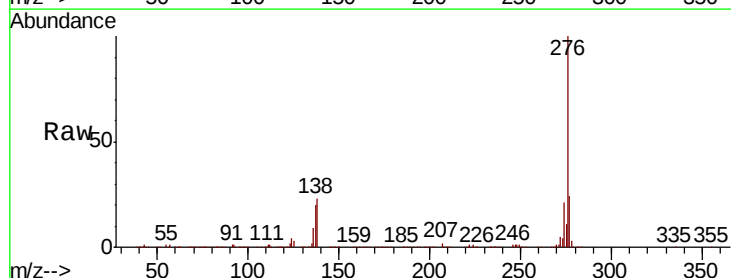
Tgt Ion:276 Resp: 1144867

Ion Ratio Lower Upper

276 100

277 23.6 19.0 28.4

138 23.0 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

