

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF060719\
 Data File : BF114908.D
 Acq On : 7 Jun 2019 23:39
 Operator : HP/JU
 Sample : K3214-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-1A

Quant Time: Jun 08 05:18:53 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 04 16:57:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	267527	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	546083	20.00	ng	0.12
39) Acenaphthene-d10	9.89	164	18585	20.00	ng	0.19
64) Phenanthrene-d10	11.19	188	686536	20.00	ng	0.02
76) Chrysene-d12	13.79	240	585479	20.00	ng	0.00
87) Perylene-d12	15.17	264	703001	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.25	112	84165	5.50	ng	-0.02
7) Phenol-d6	6.43	99	987312	53.00	ng	0.12
23) Nitrobenzene-d5	7.27	82	2668984	300.87	ng	0.04
42) 2,4,6-Tribromophenol	10.52	330	536393	2678.18	ng	0.04
45) 2-Fluorobiphenyl	9.09	172	1812844	1827.26	ng	0.06
79) Terphenyl-d14	12.75	244	2294328	76.21	ng	0.00

Target Compounds

						Qvalue
3) Pyridine	3.00	79	238408	11.867	ng	98
6) Aniline	6.36	93	2810845	106.332	ng	# 93
9) Benzaldehyde	6.20	77	612256	47.379	ng	# 1
10) Phenol	6.45	94	767195	36.011	ng	89
11) bis(2-Chloroethyl)ether	6.36	93	2810845	169.057	ng	# 33
12) 1,3-Dichlorobenzene	6.69	146	55504	2.693	ng	# 86
13) 1,4-Dichlorobenzene	6.69	146	55504	2.676	ng	# 1
15) Benzyl Alcohol	6.75	79	386080	27.405	ng	# 16
17) 2-Methylphenol	7.05	107	4372767	289.189	ng	97
18) Hexachloroethane	7.14	117	5460037	699.392	ng	# 8
19) n-Nitroso-di-n-propylamine	6.92	70	42325	3.432	ng	# 1
20) 3+4-Methylphenols	7.05	107	4372767	262.191	ng	# 71
22) Acetophenone	7.19	105	150296	12.501	ng	# 1
24) Nitrobenzene	7.35	77	396366	43.130	ng	# 42
26) 2-Nitrophenol	7.67	139	20827	4.184	ng	# 1
27) 2,4-Dimethylphenol	7.80	122	9202192	1216.371	ng	95
28) bis(2-Chloroethoxy)methane	7.75	93	127379	11.362	ng	# 1
31) Naphthalene	8.12	128	35166493	1430.417	ng	# 86
32) Benzoic acid	7.80	122	9202192	1670.076	ng	# 24
33) 4-Chloroaniline	8.12	127	6526550	556.475	ng	# 47
35) Caprolactam	8.63	113	5525	2.125	ng	# 1
36) 4-Chloro-3-methylphenol	8.62	107	671024	84.725	ng	# 17
37) 2-Methylnaphthalene	8.75	142	3579164	209.892	ng	# 94
38) 1-Methylnaphthalene	8.86	142	4657441	288.005	ng	# 99
46) 1,1'-Biphenyl	9.18	154	2355870	1710.342	ng	98
47) 2-Chloronaphthalene	9.32	162	1046520	894.132	ng	# 64
48) 2-Nitroaniline	9.43	65	216330	619.354	ng	# 19
49) Acenaphthylene	9.73	152	96843	57.056	ng	# 49
50) Dimethylphthalate	9.63	163	210768	155.276	ng	# 15
51) 2,6-Dinitrotoluene	9.65	165	8441	26.442	ng	# 1
52) Acenaphthene	9.79	154	2311796	2079.209	ng	99
53) 3-Nitroaniline	9.89	138	12486	33.482	ng	# 9
54) 2,4-Dinitrophenol	9.91	184	133428	923.680	ng	# 1
55) Dibenzofuran	9.95	168	2406688	1556.628	ng	97

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 ALS Vial : 10 Sample Multiplier: 1

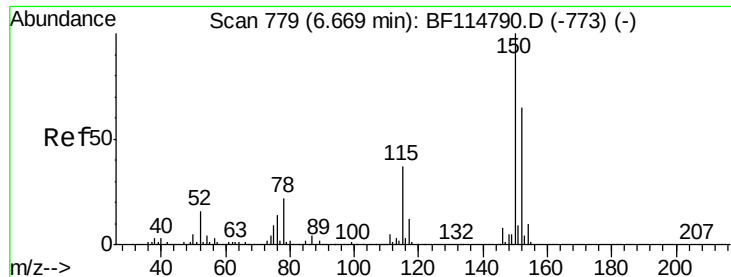
Instrument :
 BNA_F
 ClientSampleId :
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Quant Time: Jun 08 05:18:53 2019
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

56) 4-Nitrophenol	10.05	139	68208	249.610	ng	# 52
57) 2,4-Dinitrotoluene	10.05	165	43898	109.389	ng	# 57
58) Fluorene	10.27	166	1077117	1354.999	ng	99
60) Diethylphthalate	10.35	149	11014	8.086	ng	# 1
61) 4-Chlorophenyl-phenylether	10.44	204	1627	2.748	ng	# 1
62) 4-Nitroaniline	10.56	138	12935	35.762	ng	86
63) Azobenzene	10.65	77	39125	33.745	ng	# 78
65) 4,6-Dinitro-2-methylphenol	10.35	198	65186	18.279	ng	# 80
66) n-Nitrosodiphenylamine	10.42	169	152542	7.348	ng	94
67) 4-Bromophenyl-phenylether	10.52	248	32999	4.232	ng	# 1
71) Phenanthrene	11.21	178	1000226	30.518	ng	97
72) Anthracene	11.26	178	331234	9.603	ng	97
73) Carbazole	11.43	167	1018482	34.445	ng	97
75) Fluoranthene	12.37	202	90350	2.649	ng	92

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

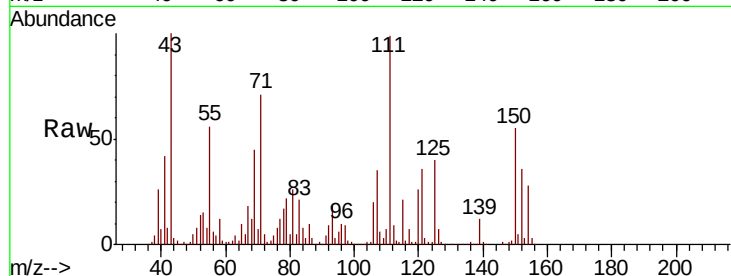


#1

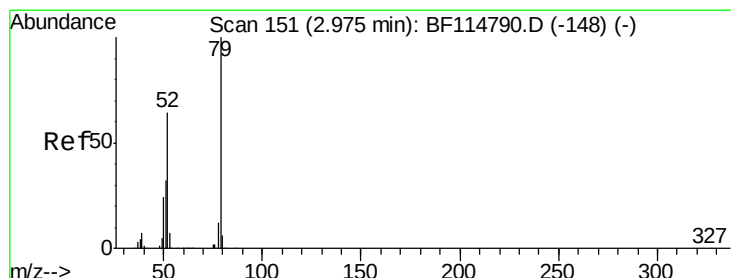
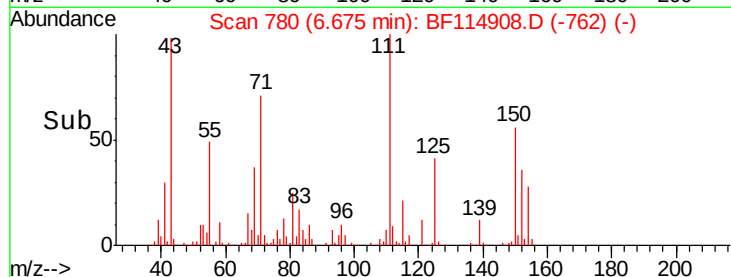
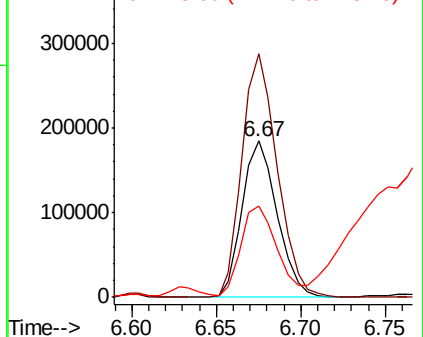
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 780
Delta R.T. 0.01 min
Lab File: BF114908.D
Acq: 7 Jun 2019 23:39

Instrument :
BNA_F
ClientSampleId :
MW-1A

Tgt Ion:152 Resp: 267527
Ion Ratio Lower Upper
152 100
150 155.9 124.0 186.0
115 58.6 46.3 69.5



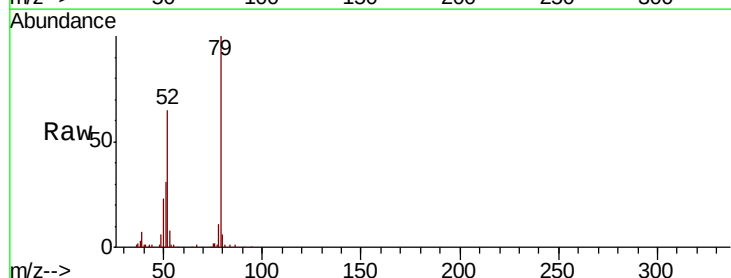
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



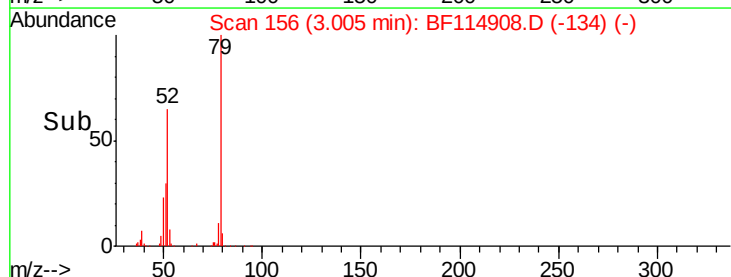
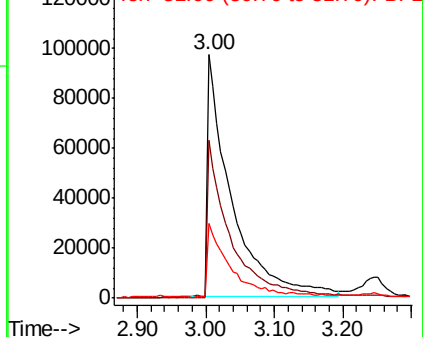
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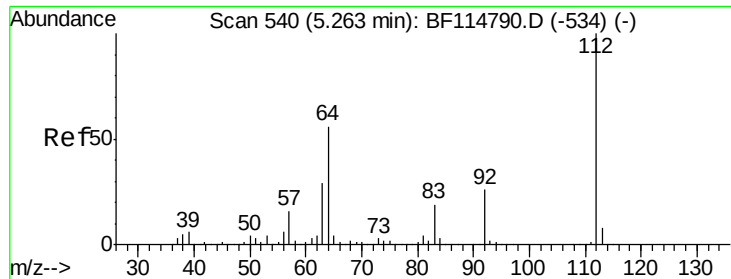
Pyridine
Concen: 11.867 ng
RT: 3.00 min Scan# 156
Delta R.T. 0.03 min
Lab File: BF114908.D
Acq: 7 Jun 2019 23:39

Tgt Ion: 79 Resp: 238408
Ion Ratio Lower Upper
79 100
52 64.6 51.0 76.4
51 30.7 25.7 38.5



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1





#5

2-Fluorophenol

Concen: 5.497 ng

RT: 5.25 min Scan# 537

Delta R.T. -0.02 min

Lab File: BF114908.D

Acq: 7 Jun 2019 23:39

Instrument :

BNA_F

ClientSampleId :

MW-1A

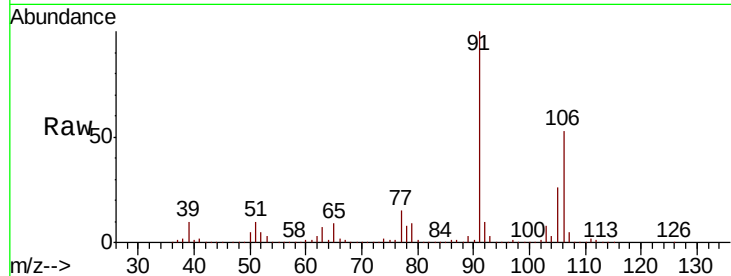
Tgt Ion: 112 Resp: 84165

Ion Ratio Lower Upper

112 100

64 98.3 44.6 66.8#

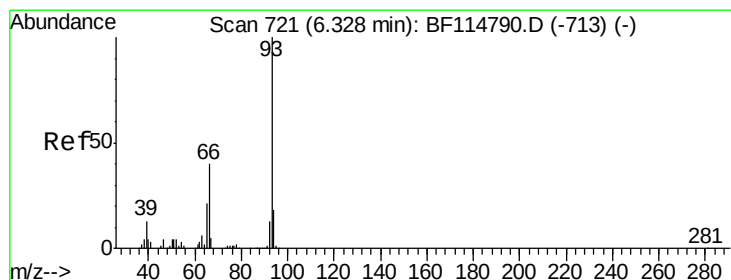
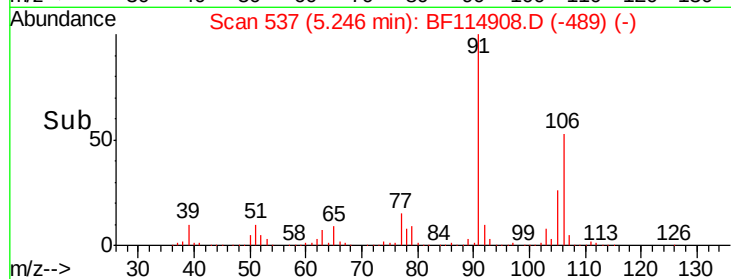
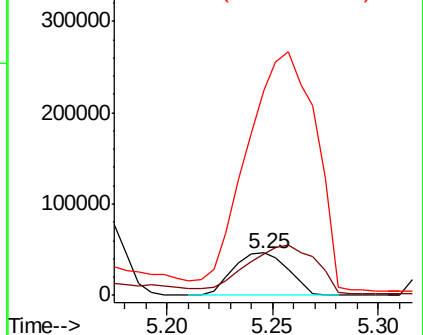
63 485.4 23.0 34.4#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 106.332 ng

RT: 6.36 min Scan# 726

Delta R.T. 0.03 min

Lab File: BF114908.D

Acq: 7 Jun 2019 23:39

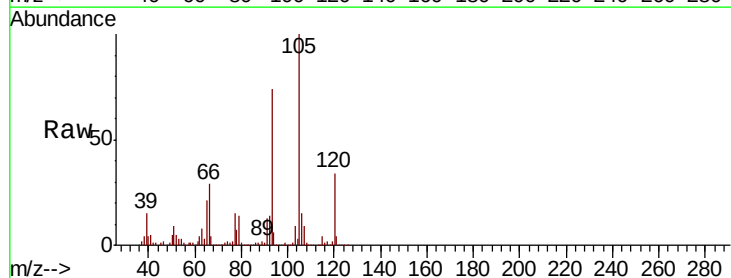
Tgt Ion: 93 Resp: 2810845

Ion Ratio Lower Upper

93 100

66 39.1 32.8 49.2

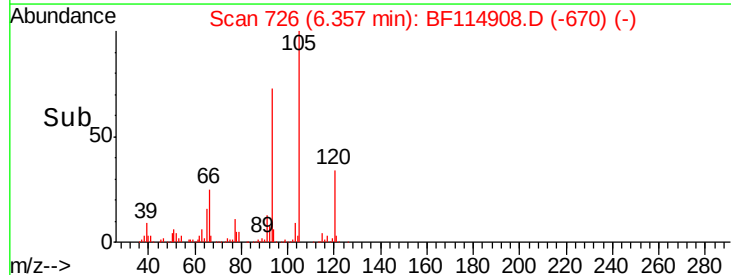
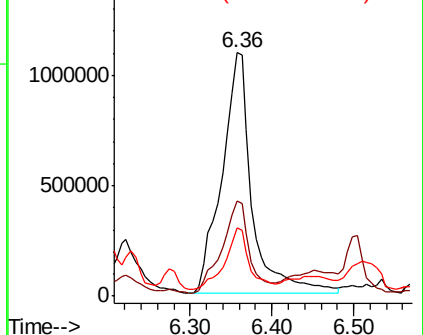
65 28.2 16.9 25.3#

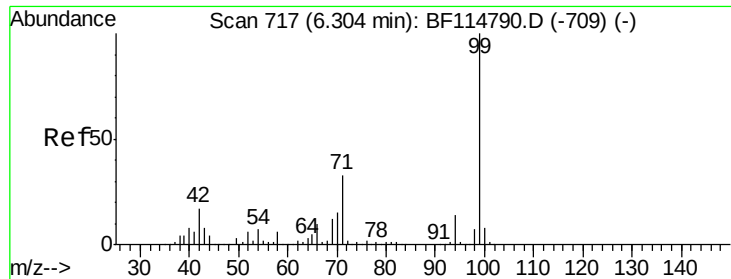


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 52.997 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.12 min

Lab File: BF114908.D

Acq: 7 Jun 2019 23:39

Instrument :

BNA_F

ClientSampleId :

MW-1A

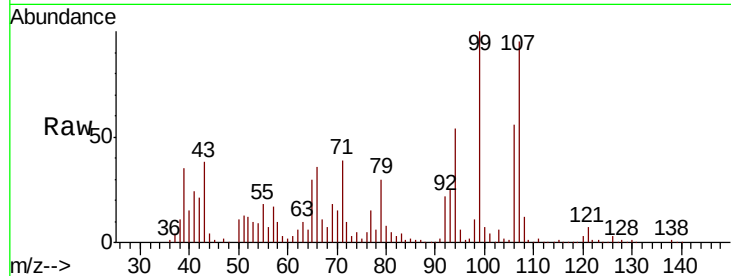
Tgt Ion: 99 Resp: 987312

Ion Ratio Lower Upper

99 100

42 21.3 13.3 19.9#

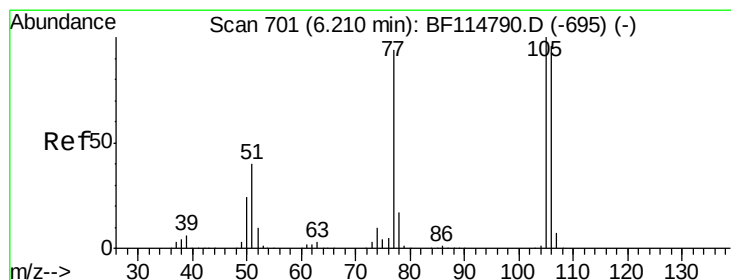
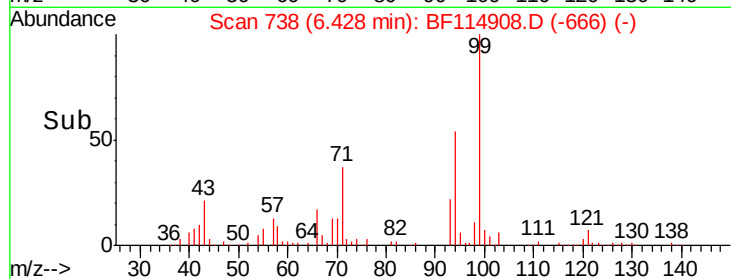
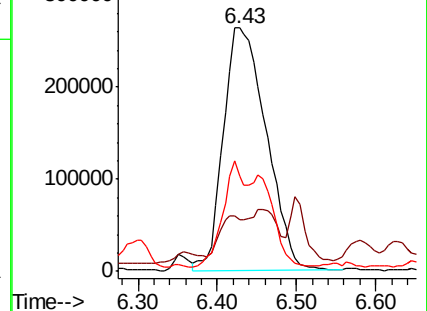
71 39.2 26.3 39.5



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



#9

Benzaldehyde

Concen: 47.379 ng

RT: 6.20 min Scan# 700

Delta R.T. -0.01 min

Lab File: BF114908.D

Acq: 7 Jun 2019 23:39

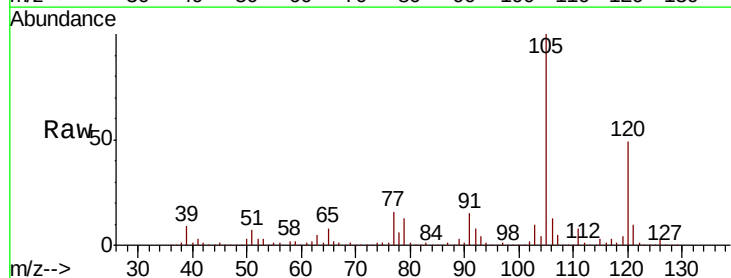
Tgt Ion: 77 Resp: 612256

Ion Ratio Lower Upper

77 100

105 621.7 85.8 125.8#

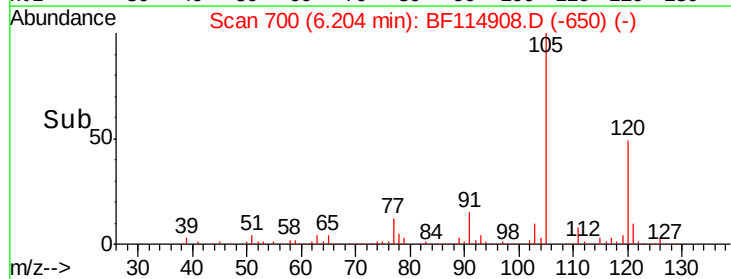
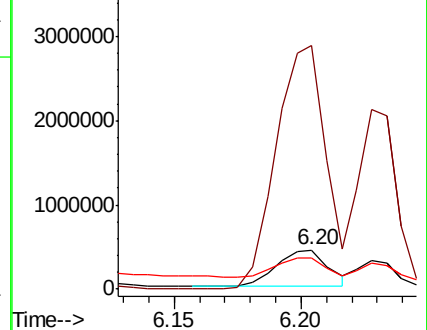
106 79.0 81.6 121.6#

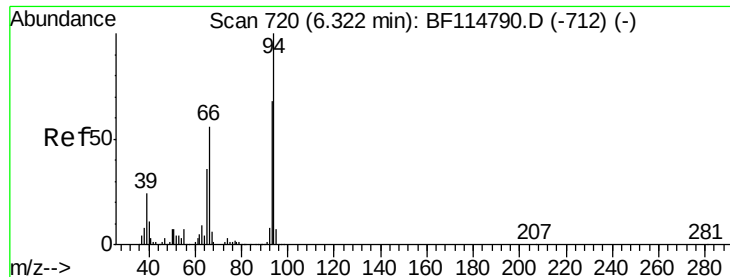


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 36.011 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.13 min

Lab File: BF114908.D

Acq: 7 Jun 2019 23:39

Instrument :

BNA_F

ClientSampled :

MW-1A

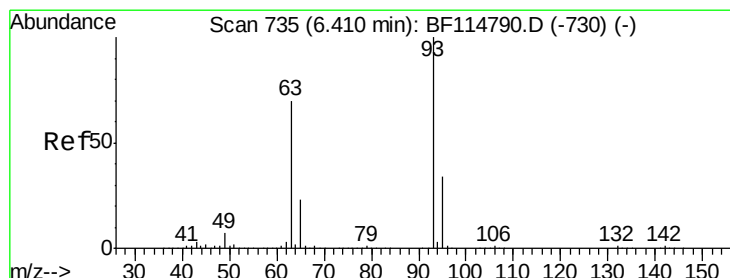
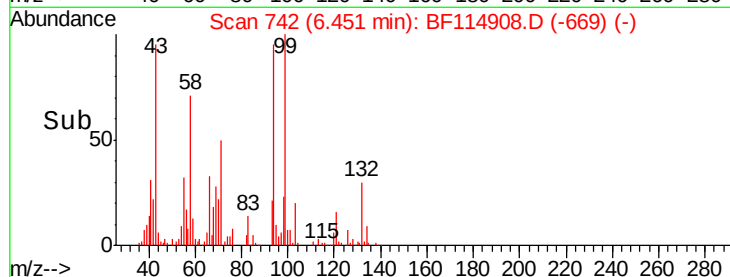
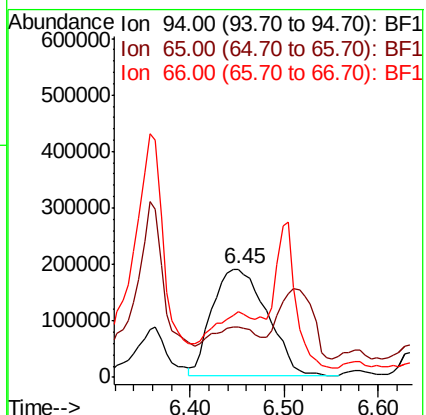
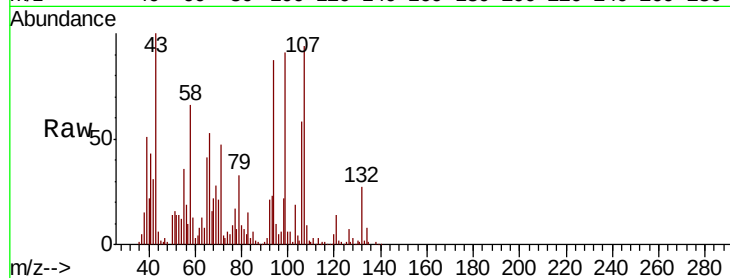
Tgt Ion: 94 Resp: 767195

Ion Ratio Lower Upper

94 100

65 46.8 16.1 56.1

66 60.9 36.3 76.3



#11

bis(2-Chloroethyl)ether

Concen: 169.057 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.05 min

Lab File: BF114908.D

Acq: 7 Jun 2019 23:39

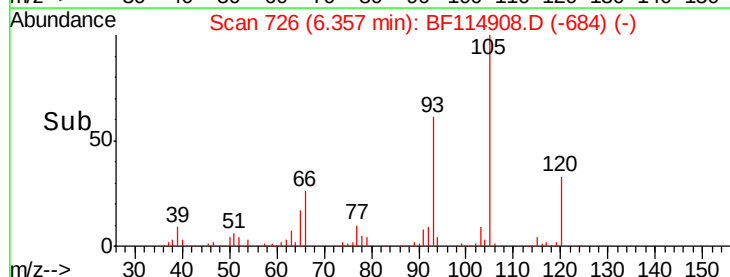
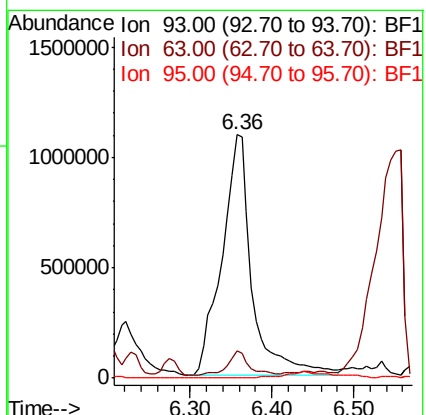
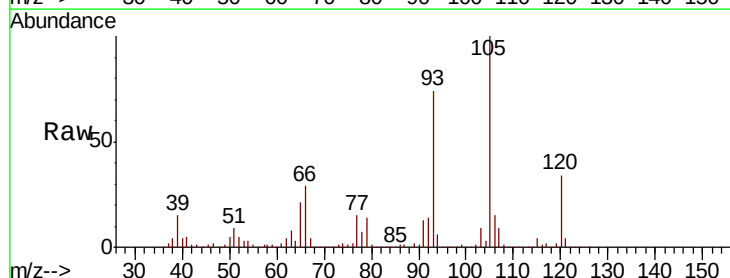
Tgt Ion: 93 Resp: 2810845

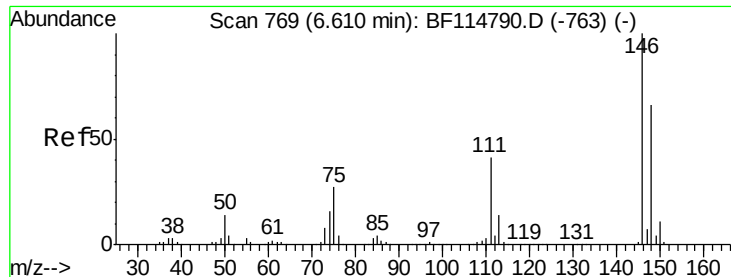
Ion Ratio Lower Upper

93 100

63 11.0 49.6 89.6#

95 0.4 13.6 53.6#

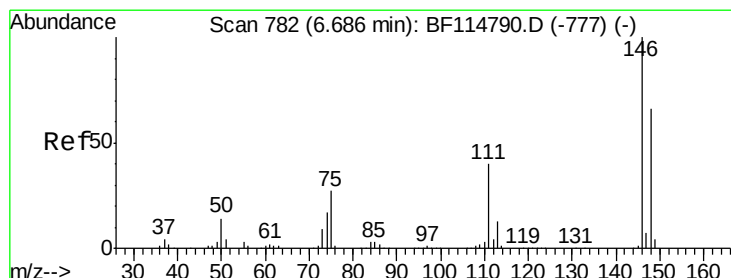
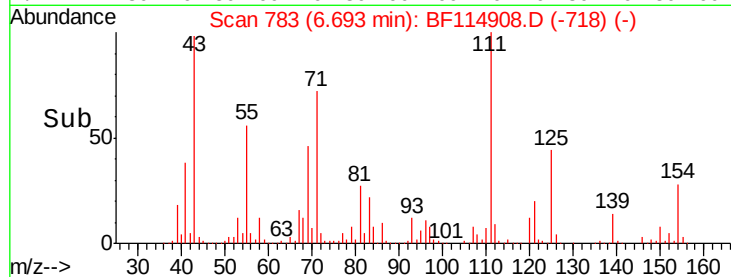
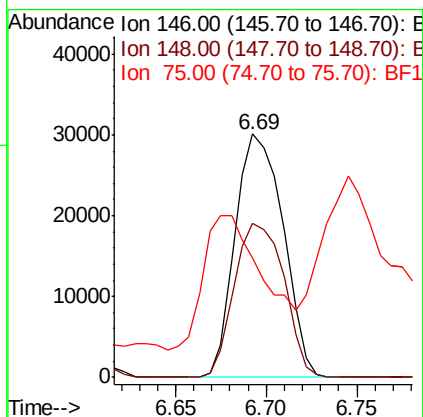
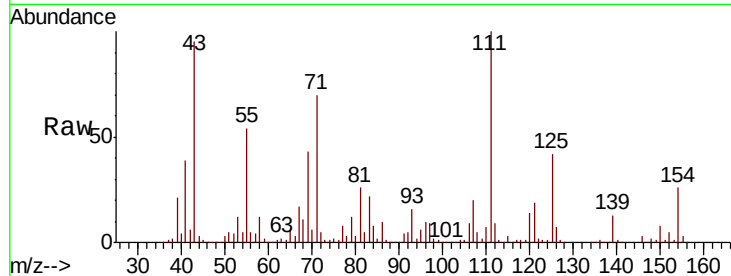




#12
 1,3-Dichlorobenzene
 Concen: 2.693 ng
 RT: 6.69 min Scan# 783
 Delta R.T. 0.08 min
 Lab File: BF114908.D
 Acq: 7 Jun 2019 23:39

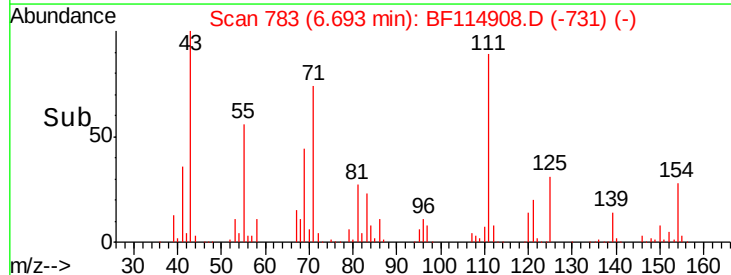
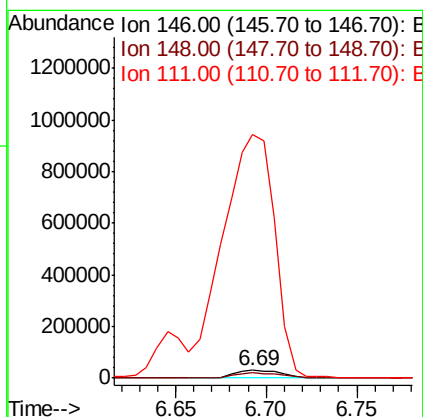
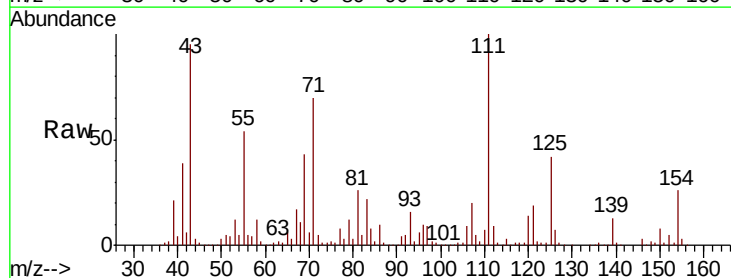
Instrument :
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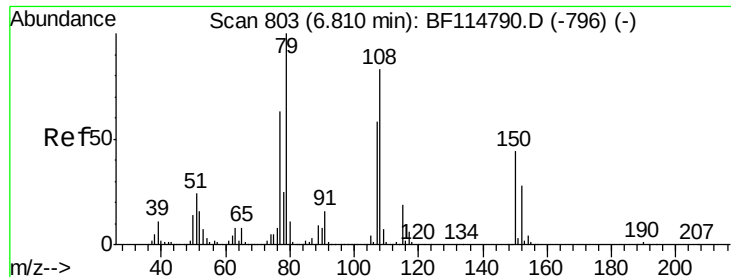
Tgt Ion:146 Resp: 55504
 Ion Ratio Lower Upper
 146 100
 148 63.2 52.7 79.1
 75 48.9 22.0 33.0#



#13
 1,4-Dichlorobenzene
 Concen: 2.676 ng
 RT: 6.69 min Scan# 783
 Delta R.T. 0.01 min
 Lab File: BF114908.D
 Acq: 7 Jun 2019 23:39

Tgt Ion:146 Resp: 55504
 Ion Ratio Lower Upper
 146 100
 148 63.2 53.0 79.4
 111 3129.9 32.2 48.4#

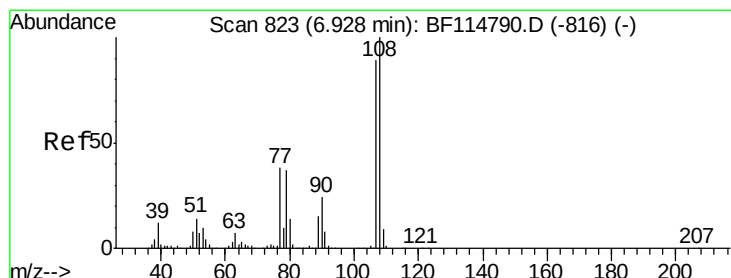
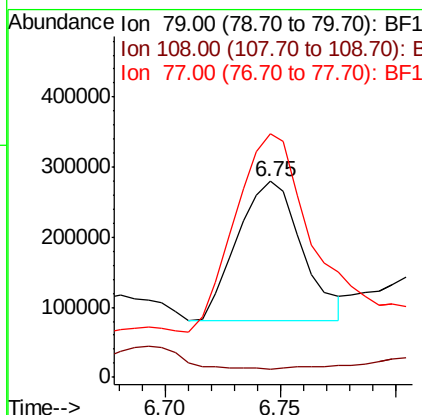
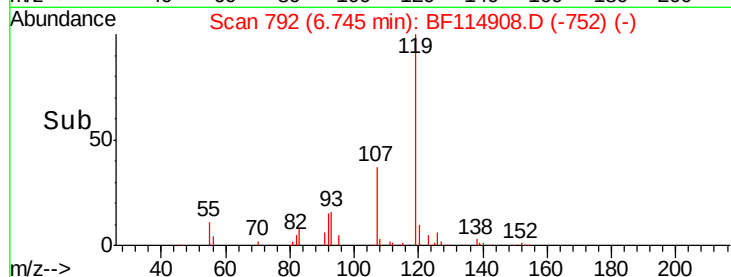
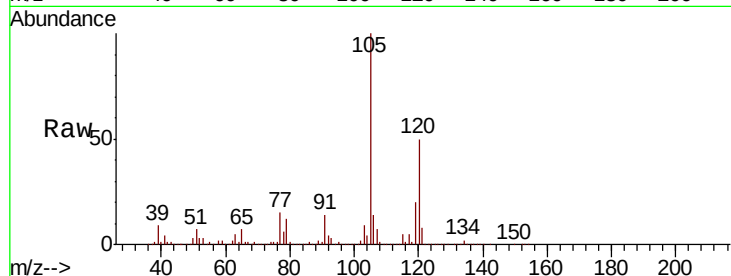




#15
Benzyl Alcohol
Concen: 27.405 ng
RT: 6.75 min Scan# 792
Delta R.T. -0.06 min
Lab File: BF114908.D
Acq: 7 Jun 2019 23:39

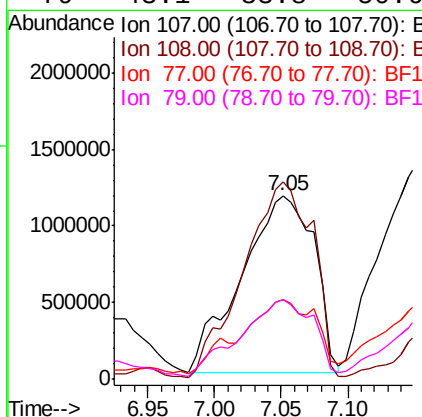
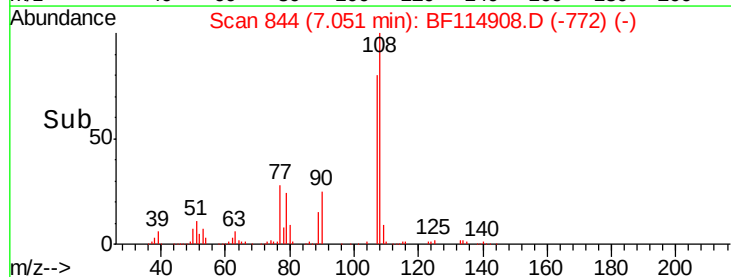
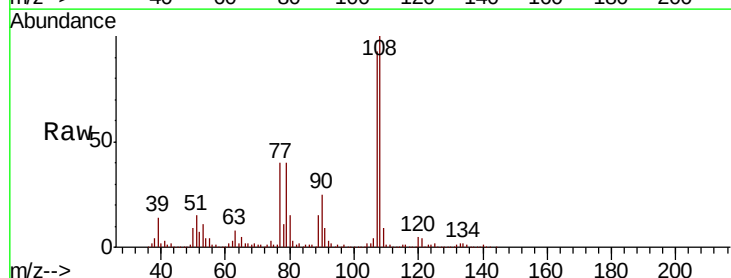
Instrument :
BNA_F
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MW-1A

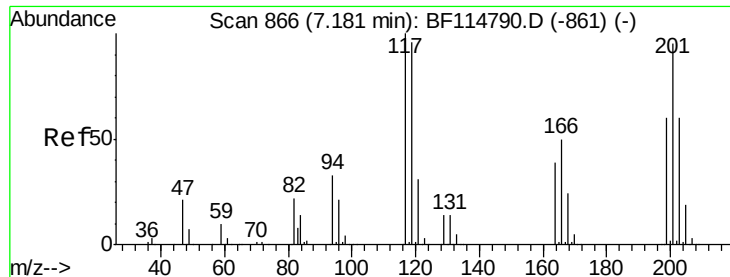
Tgt Ion: 79 Resp: 386080
Ion Ratio Lower Upper
79 100
108 4.5 66.8 100.2#
77 124.4 50.6 76.0#



#17
2-Methylphenol
Concen: 289.189 ng
RT: 7.05 min Scan# 844
Delta R.T. 0.12 min
Lab File: BF114908.D
Acq: 7 Jun 2019 23:39

Tgt Ion: 107 Resp: 4372767
Ion Ratio Lower Upper
107 100
108 107.3 90.2 135.2
77 43.3 34.5 51.7
79 43.1 33.8 50.6

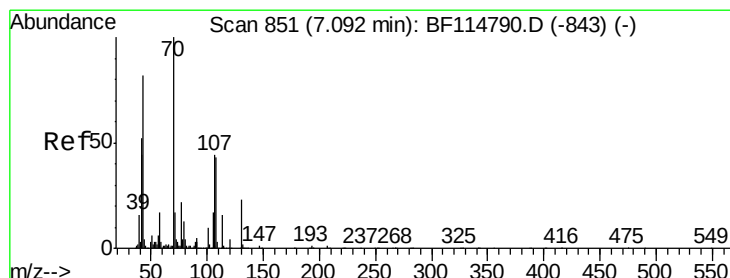
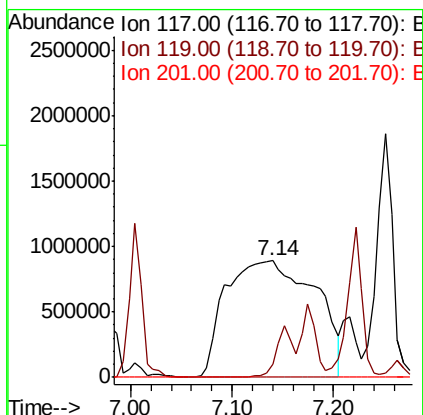
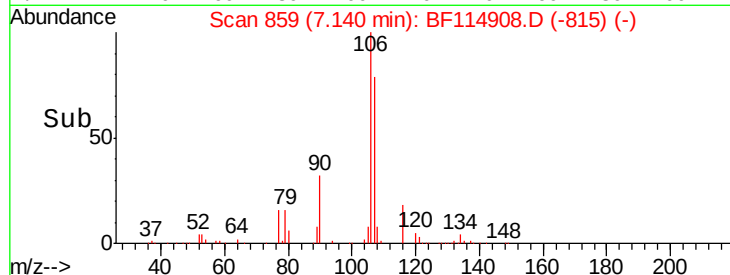
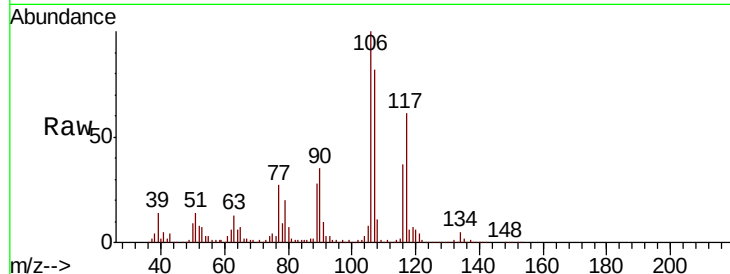




#18
Hexachloroethane
Concen: 699.392 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.04 min
Lab File: BF114908.D
Acq: 7 Jun 2019 23:39

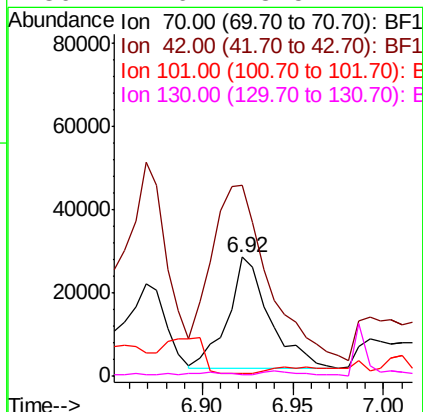
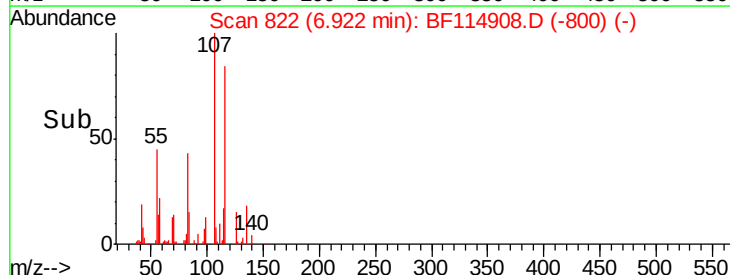
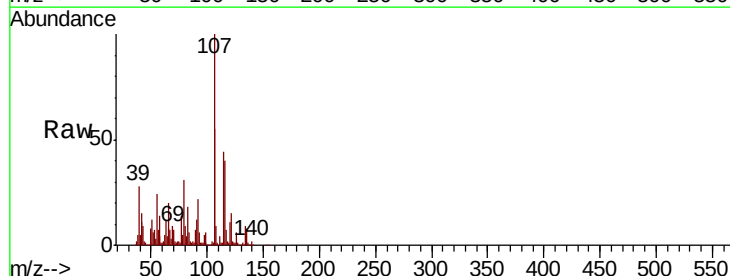
Instrument :
BNA_F
ClientSampleId :
MW-1A

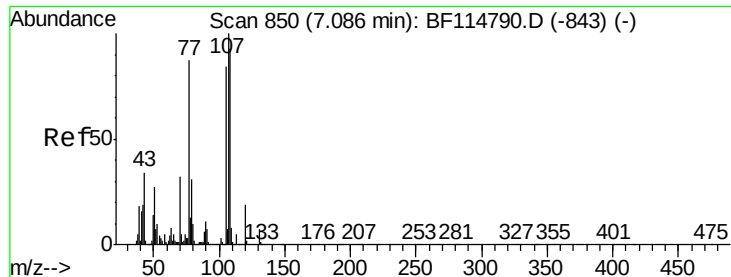
Tgt Ion: 117 Resp: 5460037
Ion Ratio Lower Upper
117 100
119 10.9 77.0 115.4#
201 0.0 76.0 114.0#



#19
n-Nitroso-di-n-propylamine
Concen: 3.432 ng
RT: 6.92 min Scan# 822
Delta R.T. -0.17 min
Lab File: BF114908.D
Acq: 7 Jun 2019 23:39

Tgt Ion: 70 Resp: 42325
Ion Ratio Lower Upper
70 100
42 160.2 41.8 62.8#
101 2.0 8.2 12.4#
130 1.6 18.5 27.7#





#20

3+4-Methylphenols

Concen: 262.191 ng

RT: 7.05 min Scan# 844

Delta R.T. -0.04 min

Lab File: BF114908.D

Acq: 7 Jun 2019 23:39

Instrument :

BNA_F

ClientSampleId :

MW-1A

Tgt Ion:107 Resp: 4372767

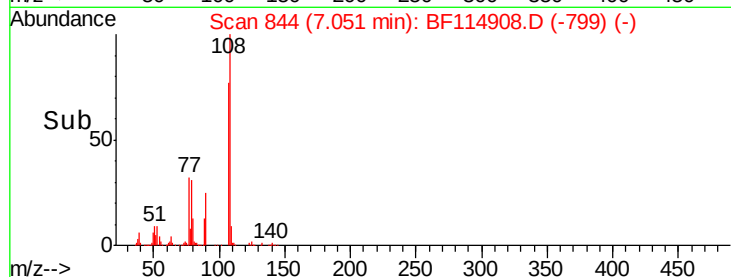
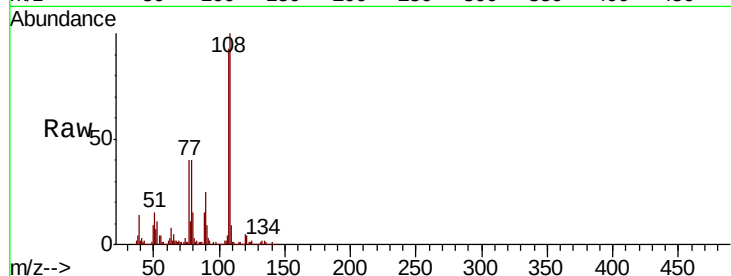
Ion Ratio Lower Upper

107 100

108 107.3 73.5 113.5

77 43.3 67.2 107.2#

79 43.1 10.6 50.6

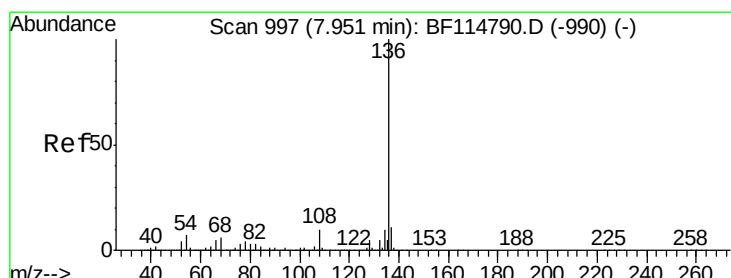
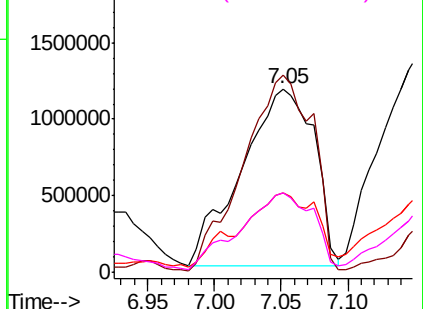


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1018

Delta R.T. 0.12 min

Lab File: BF114908.D

Acq: 7 Jun 2019 23:39

Tgt Ion:136 Resp: 546083

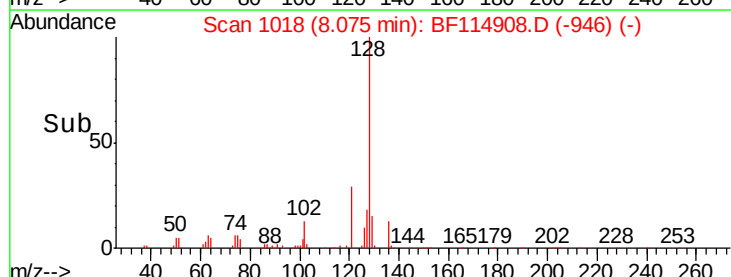
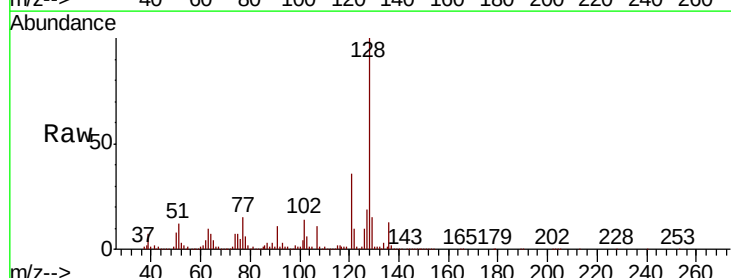
Ion Ratio Lower Upper

136 100

137 11.6 9.1 13.7

54 2.3 5.4 8.0#

68 1.8 4.6 6.8#

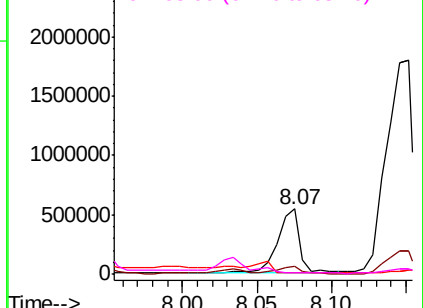


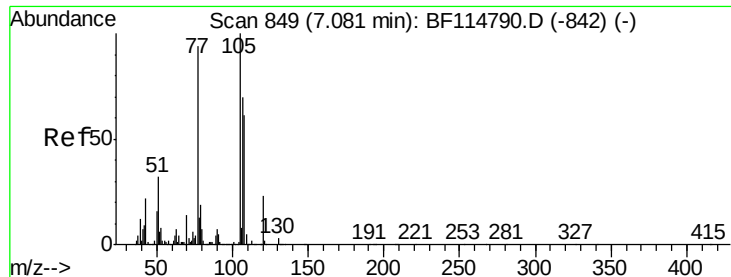
Abundance Ion 136.00 (135.70 to 136.70): E

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: 12.501 ng

RT: 7.19 min Scan# 867

Delta R.T. 0.11 min

Lab File: BF114908.D

Acq: 7 Jun 2019 23:39

Instrument :

BNA_F

ClientSampleId :

MW-1A

Tgt Ion:105 Resp: 150296

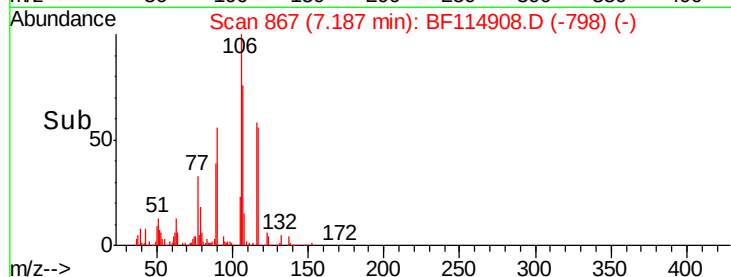
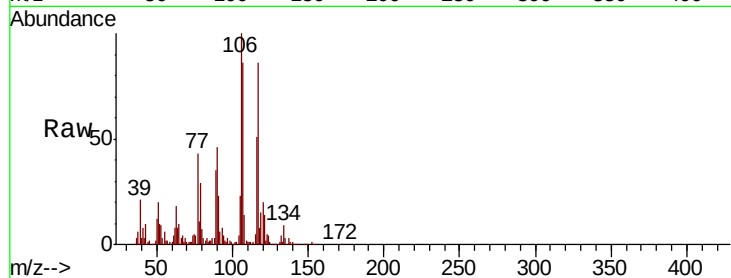
Ion Ratio Lower Upper

105 100

71 6.1 2.0 3.0#

51 84.8 25.4 38.0#

120 86.1 18.7 28.1#

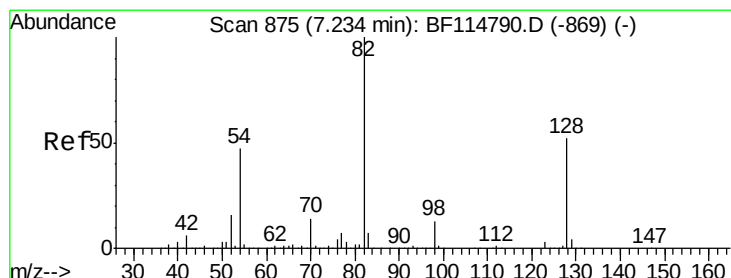
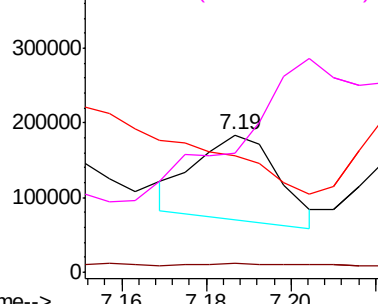


Abundance Ion 105.00 (104.70 to 105.70): E

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: 300.867 ng

RT: 7.27 min Scan# 882

Delta R.T. 0.04 min

Lab File: BF114908.D

Acq: 7 Jun 2019 23:39

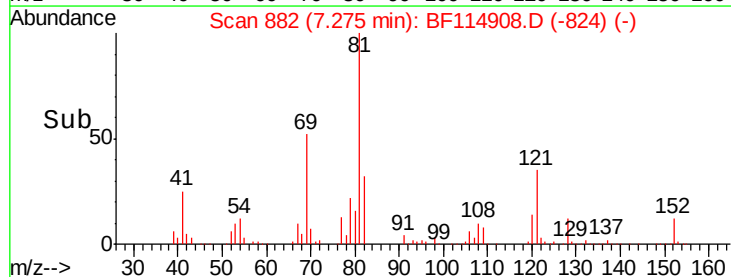
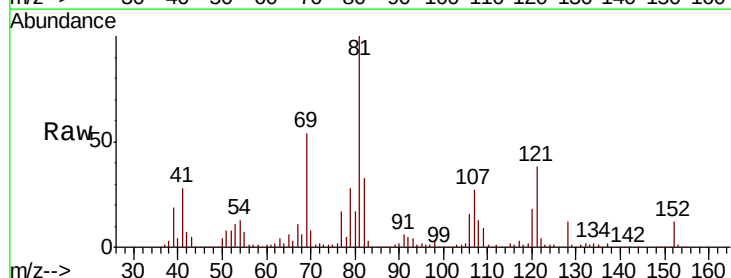
Tgt Ion: 82 Resp: 2668984

Ion Ratio Lower Upper

82 100

128 35.8 41.8 62.6#

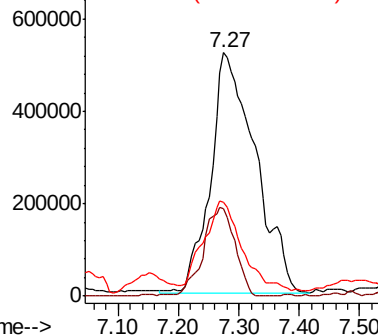
54 38.6 37.9 56.9

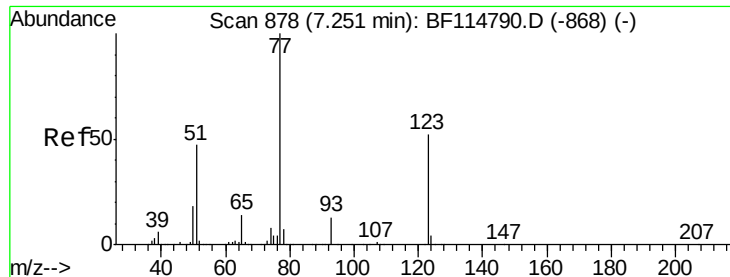


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#24

Nitrobenzene

Concen: 43.130 ng

RT: 7.35 min Scan# 895

Delta R.T. 0.10 min

Lab File: BF114908.D

Acq: 7 Jun 2019 23:39

Instrument :

BNA_F

ClientSampleId :

MW-1A

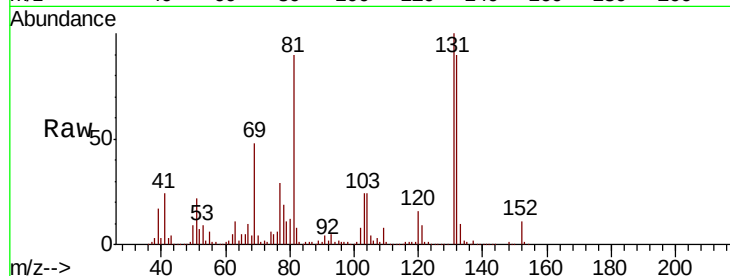
Tgt Ion: 77 Resp: 396366

Ion Ratio Lower Upper

77 100

123 3.1 41.5 62.3#

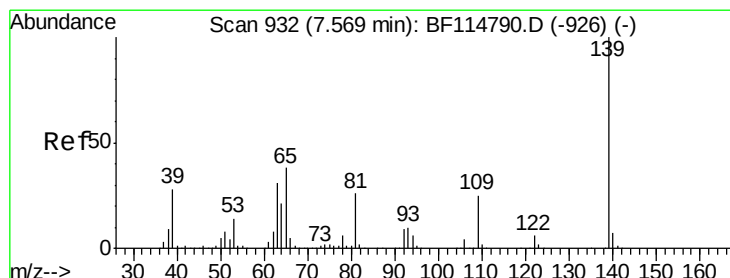
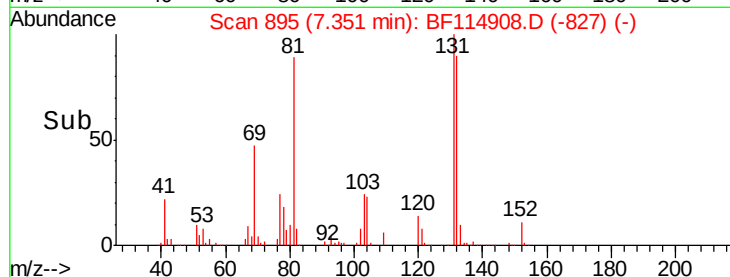
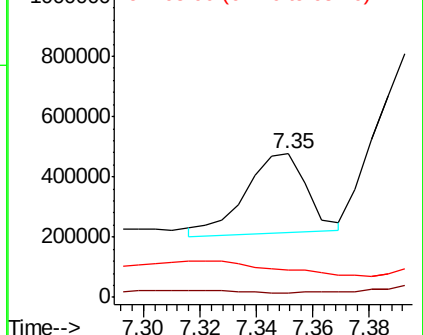
65 18.9 10.8 16.2#



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1



#26

2-Nitrophenol

Concen: 4.184 ng

RT: 7.67 min Scan# 949

Delta R.T. 0.10 min

Lab File: BF114908.D

Acq: 7 Jun 2019 23:39

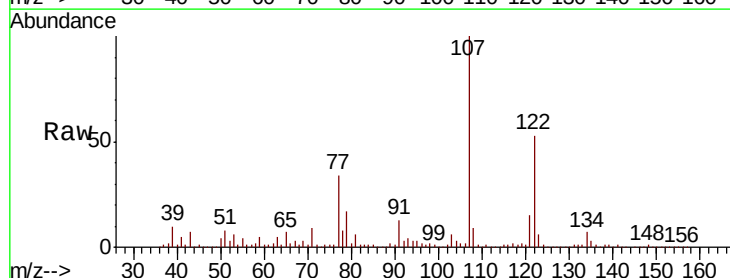
Tgt Ion: 139 Resp: 20827

Ion Ratio Lower Upper

139 100

109 225.5 20.4 30.6#

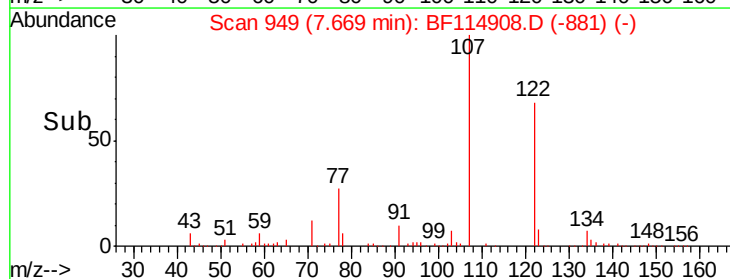
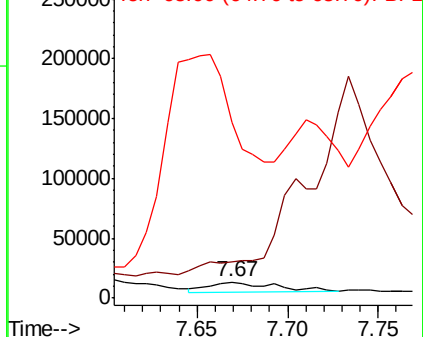
65 1085.6 30.5 45.7#

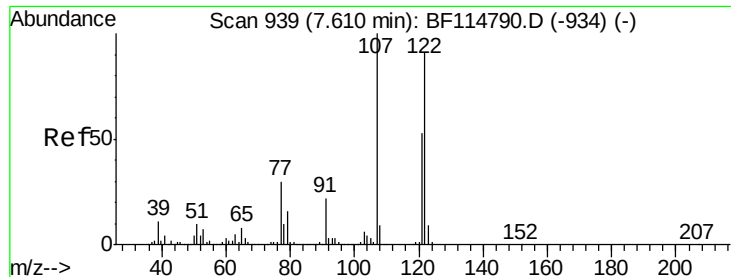


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 1216.371 ng

RT: 7.80 min Scan# 972

Delta R.T. 0.19 min

Lab File: BF114908.D

Acq: 7 Jun 2019 23:39

Instrument :

BNA_F

ClientSampleId :

MW-1A

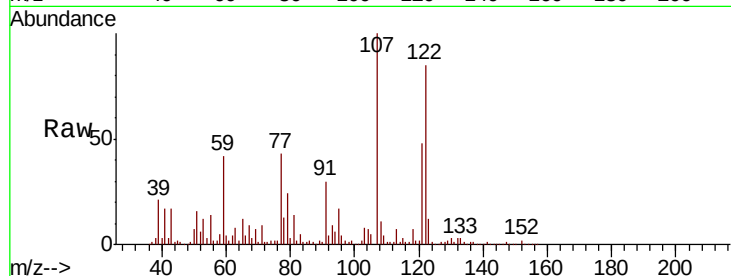
Tgt Ion:122 Resp: 9202192

Ion Ratio Lower Upper

122 100

107 117.0 87.9 131.9

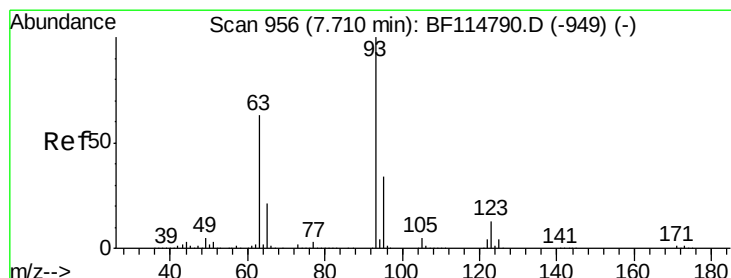
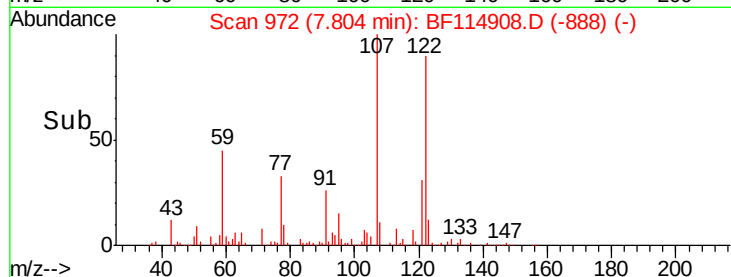
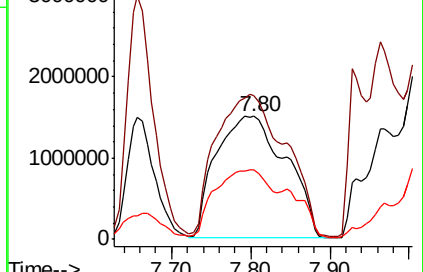
121 56.1 46.4 69.6



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 11.362 ng

RT: 7.75 min Scan# 962

Delta R.T. 0.04 min

Lab File: BF114908.D

Acq: 7 Jun 2019 23:39

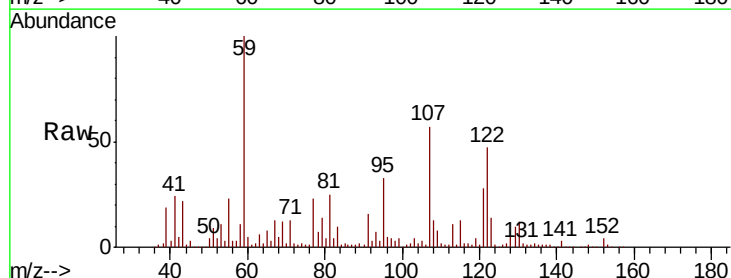
Tgt Ion: 93 Resp: 127379

Ion Ratio Lower Upper

93 100

95 449.8 26.9 40.3#

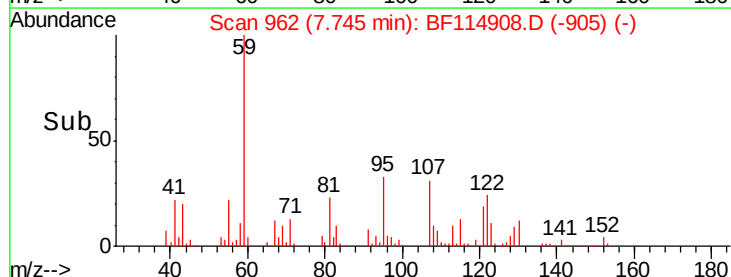
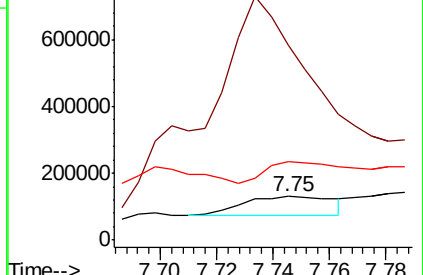
123 181.9 10.4 15.6#

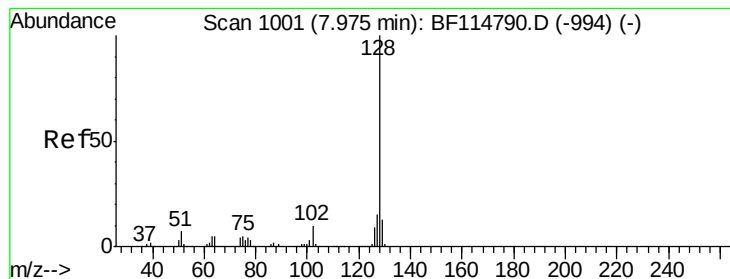


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#31

Naphthalene

Concen: 1430.417 ng

RT: 8.12 min Scan# 1026

Delta R.T. 0.15 min

Lab File: BF114908.D

Acq: 7 Jun 2019 23:39

Instrument :

BNA_F

ClientSampleId :

MW-1A

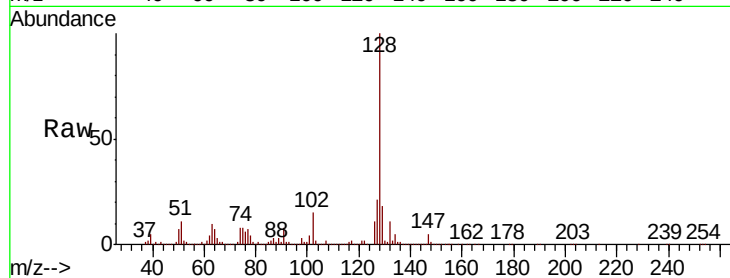
Tgt Ion:128 Resp:35166493

Ion Ratio Lower Upper

128 100

129 17.7 10.0 15.0#

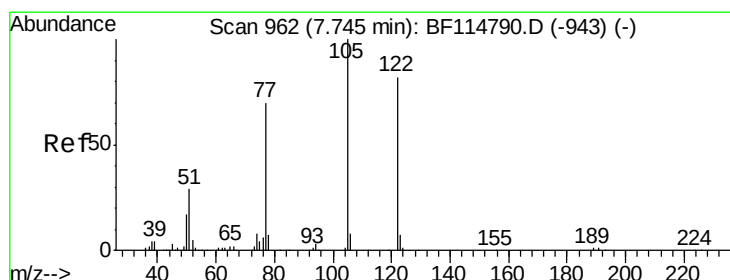
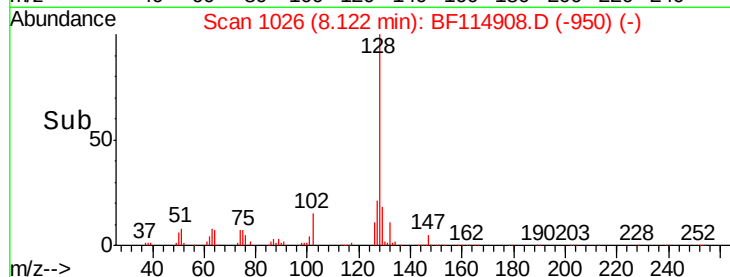
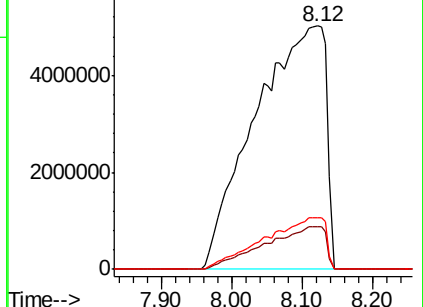
127 21.4 12.2 18.2#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 1670.076 ng

RT: 7.80 min Scan# 972

Delta R.T. 0.06 min

Lab File: BF114908.D

Acq: 7 Jun 2019 23:39

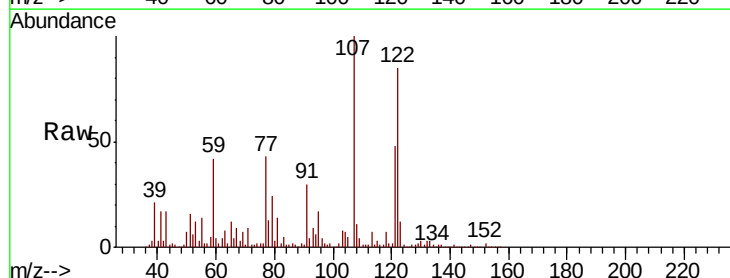
Tgt Ion:122 Resp: 9202192

Ion Ratio Lower Upper

122 100

105 5.3 98.7 138.7#

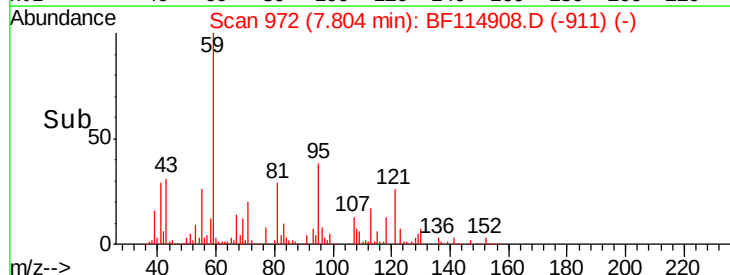
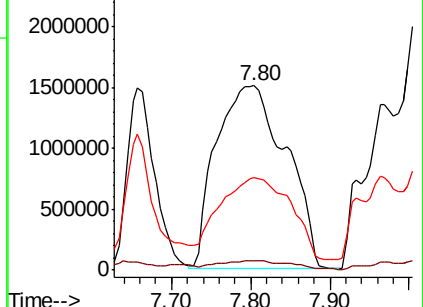
77 50.4 64.8 104.8#

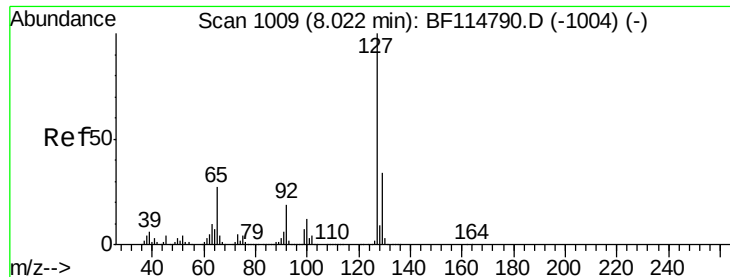


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

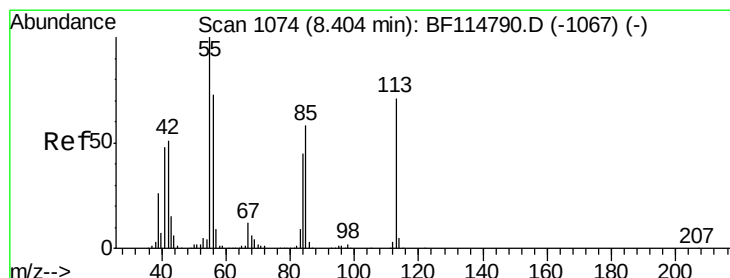
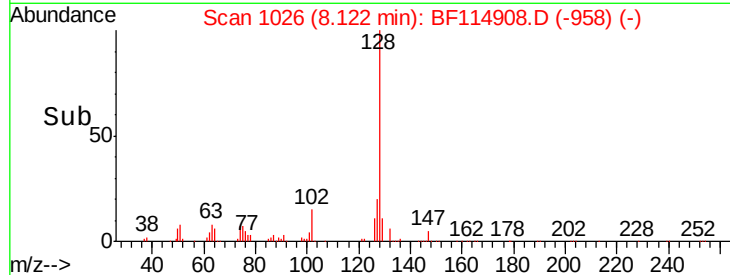
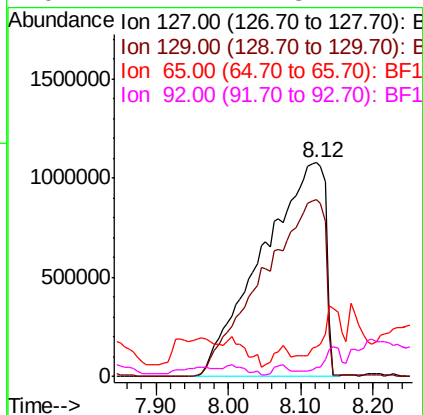
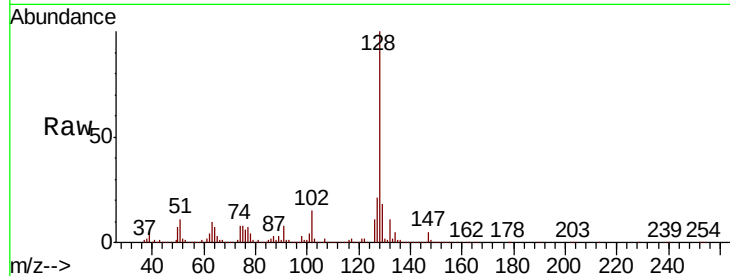




#33
 4-Chloroaniline
 Concen: 556.475 ng
 RT: 8.12 min Scan# 1026
 Delta R.T. 0.10 min
 Lab File: BF114908.D
 Acq: 7 Jun 2019 23:39

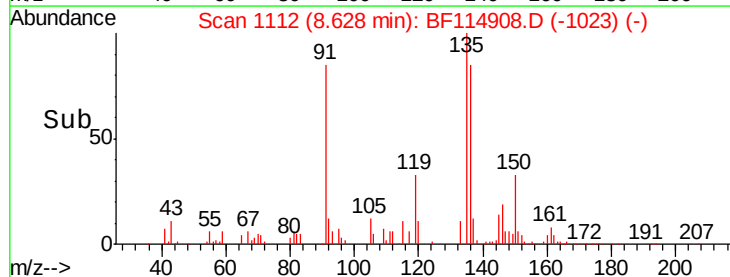
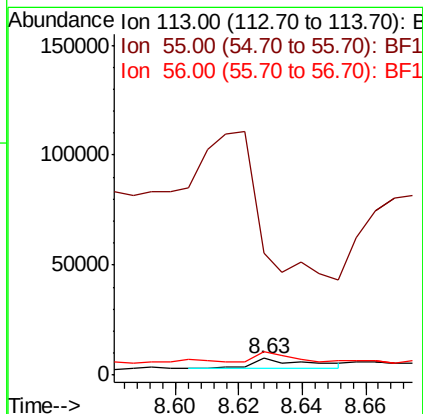
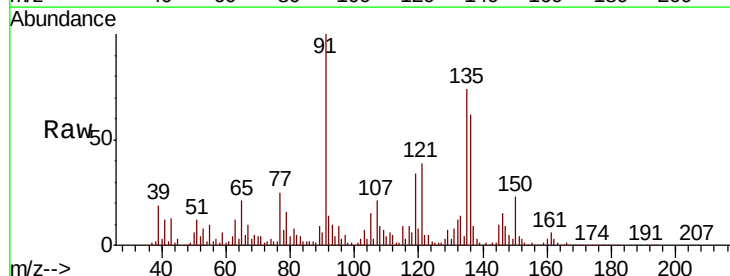
Instrument :
 BNA_F
 ClientSampleId :
 MW-1A

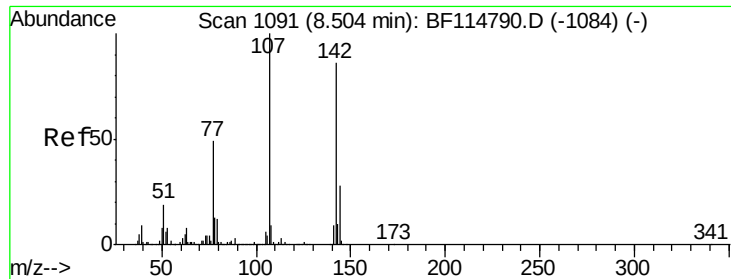
Tgt Ion:	127	Resp:	6526550
Ion	Ratio	Lower	Upper
127	100		
129	82.4	26.9	40.3#
65	13.7	21.7	32.5#
92	4.1	14.8	22.2#



#35
 Caprolactam
 Concen: 2.125 ng
 RT: 8.63 min Scan# 1112
 Delta R.T. 0.22 min
 Lab File: BF114908.D
 Acq: 7 Jun 2019 23:39

Tgt Ion:	113	Resp:	5525
Ion	Ratio	Lower	Upper
113	100		
55	726.9	121.1	161.1#
56	136.8	82.6	122.6#

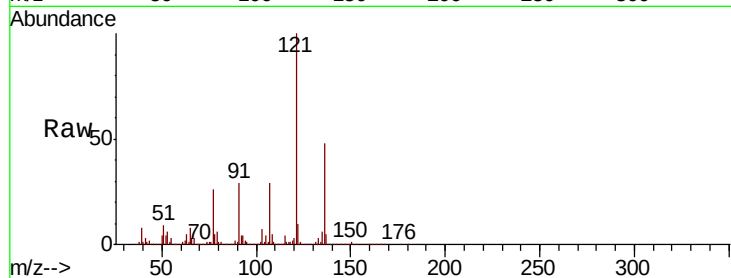




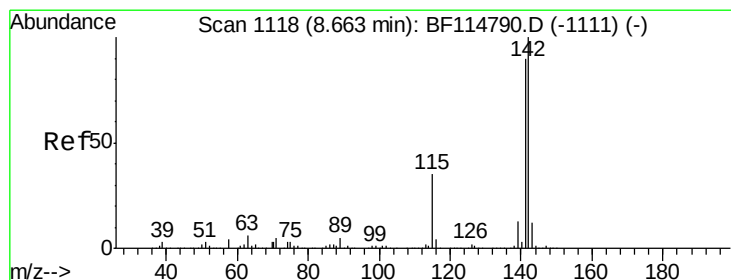
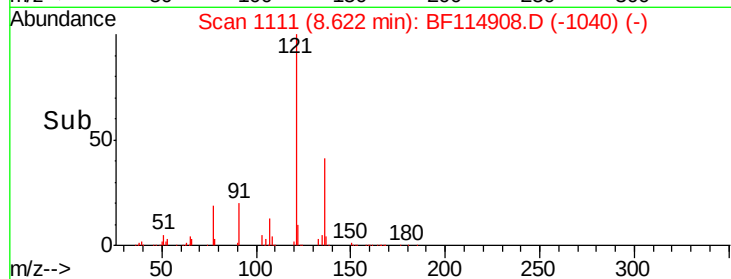
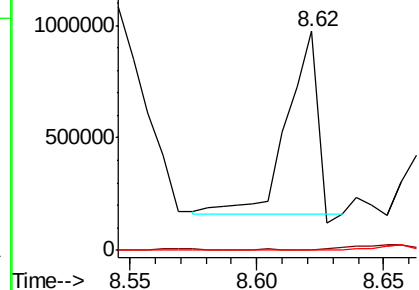
#36
 4-Chloro-3-methylphenol
 Concen: 84.725 ng
 RT: 8.62 min Scan# 1111
 Delta R.T. 0.12 min
 Lab File: BF114908.D
 Acq: 7 Jun 2019 23:39

Instrument :
 BNA_F
 ClientSampleId :
 MW-1A

Tgt Ion:107 Resp: 671024
 Ion Ratio Lower Upper
 107 100
 144 0.1 22.1 33.1#
 142 0.0 68.4 102.6#

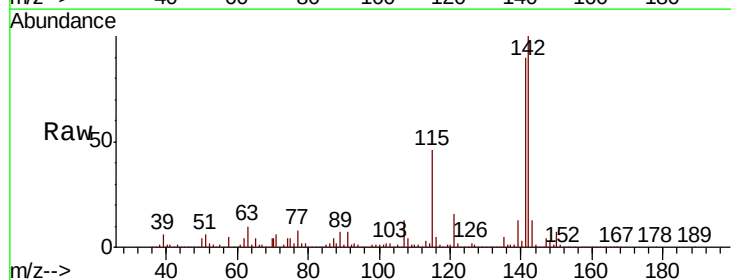


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

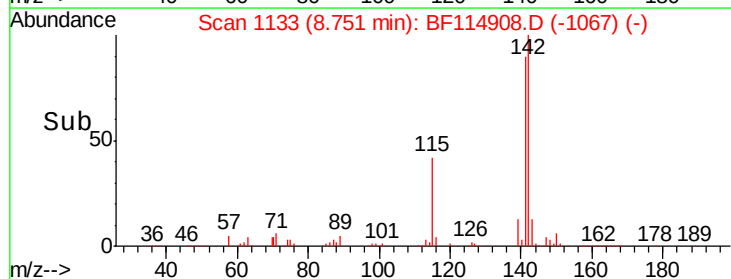
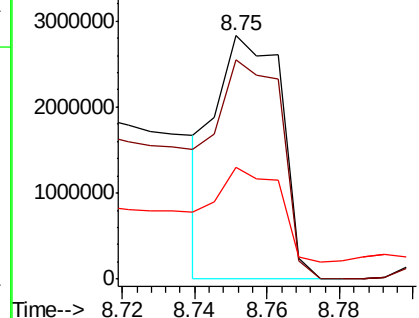


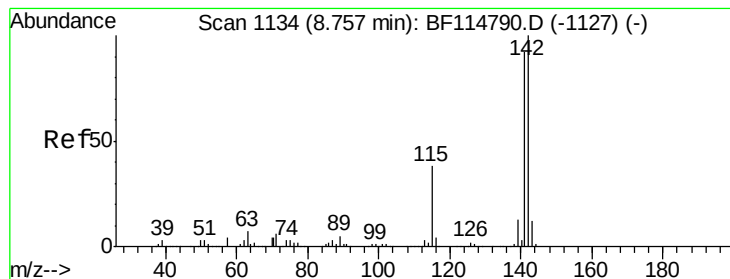
#37
 2-Methylnaphthalene
 Concen: 209.892 ng
 RT: 8.75 min Scan# 1133
 Delta R.T. 0.09 min
 Lab File: BF114908.D
 Acq: 7 Jun 2019 23:39

Tgt Ion:142 Resp: 3579164
 Ion Ratio Lower Upper
 142 100
 141 90.3 71.6 107.4
 115 45.9 28.2 42.4#



Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E





#38

1-Methylnaphthalene

Concen: 288.005 ng

RT: 8.86 min Scan# 1151

Delta R.T. 0.10 min

Lab File: BF114908.D

Acq: 7 Jun 2019 23:39

Instrument :

BNA_F

ClientSampleId :

MW-1A

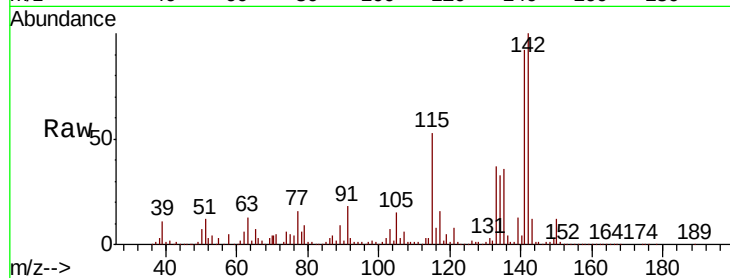
Tgt Ion:142 Resp: 4657441

Ion Ratio Lower Upper

142 100

141 91.8 73.8 110.6

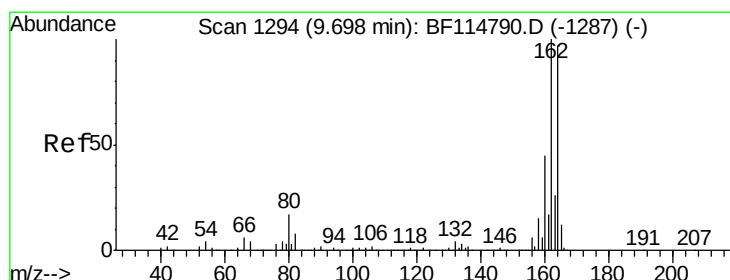
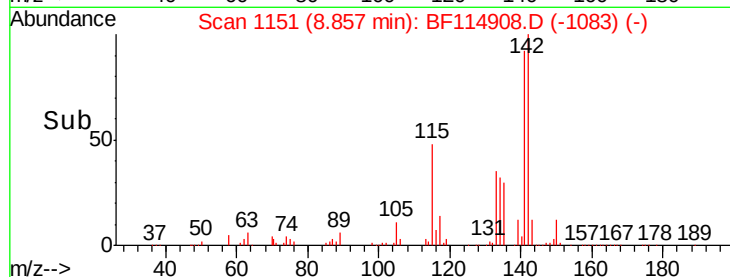
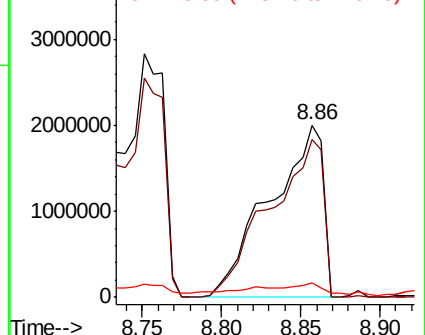
116 8.3 3.3 4.9#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.89 min Scan# 1327

Delta R.T. 0.19 min

Lab File: BF114908.D

Acq: 7 Jun 2019 23:39

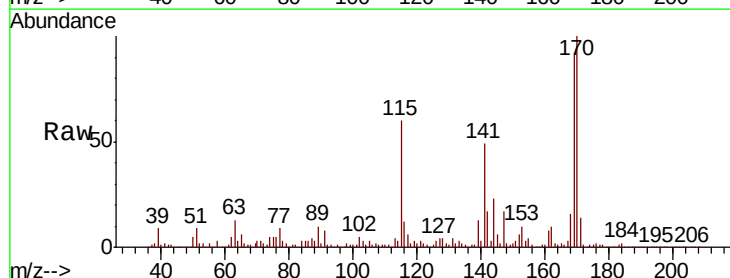
Tgt Ion:164 Resp: 18585

Ion Ratio Lower Upper

164 100

162 841.3 82.3 123.5#

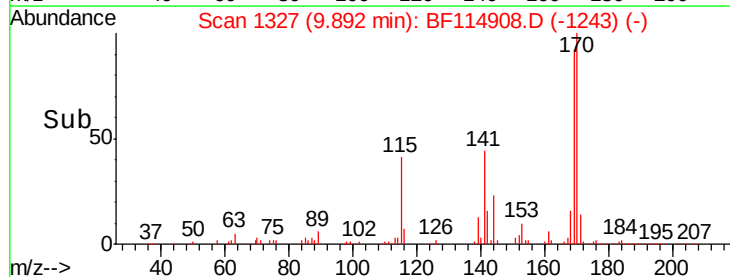
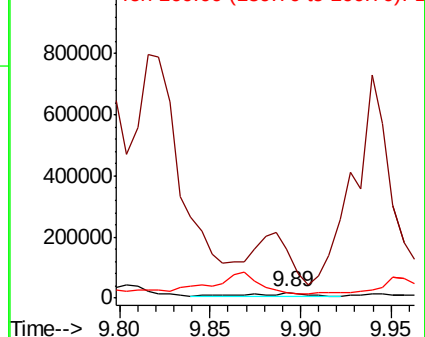
160 97.9 36.7 55.1#

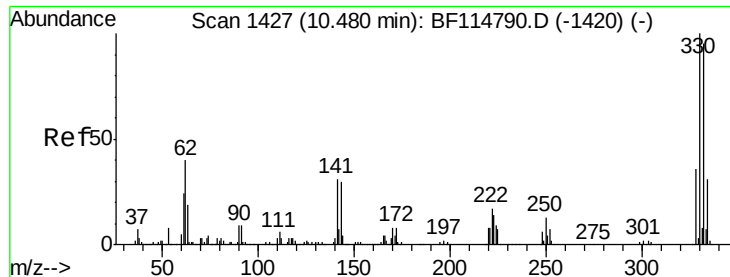


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

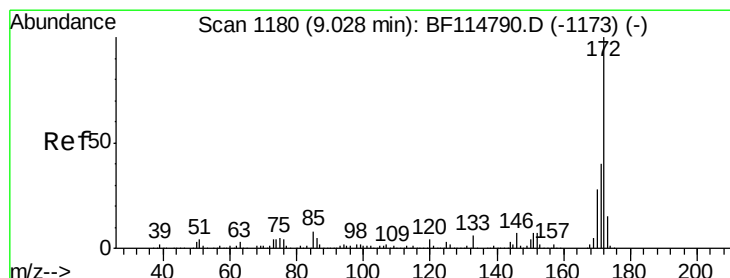
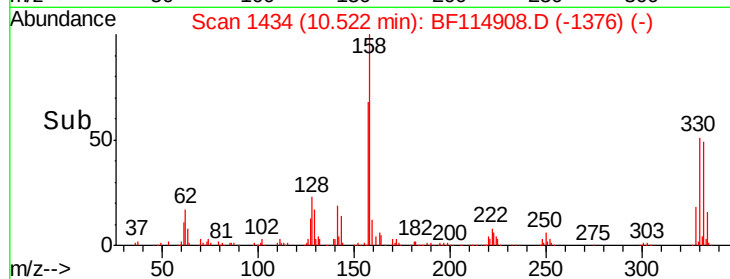
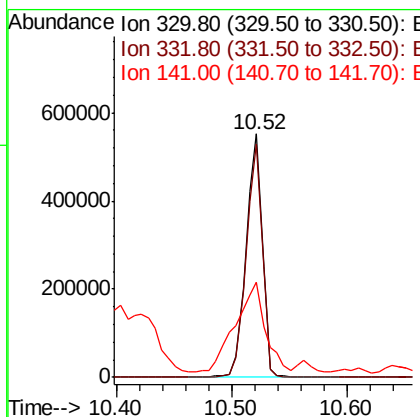
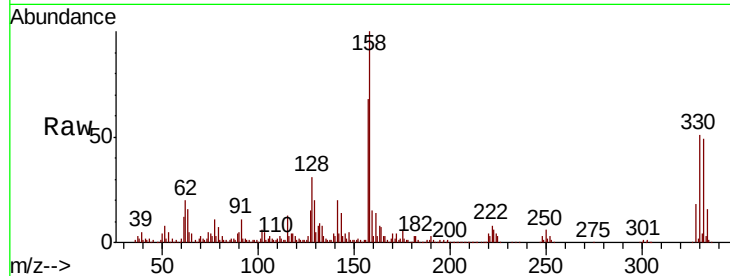




#42
 2,4,6-Tribromophenol
 Concen: 2678.179 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. 0.04 min
 Lab File: BF114908.D
 Acq: 7 Jun 2019 23:39

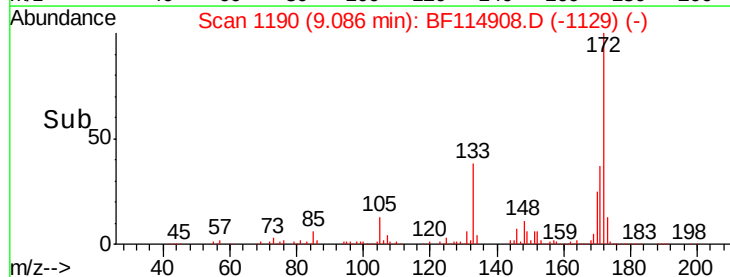
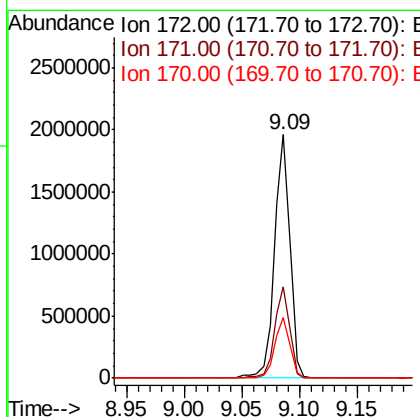
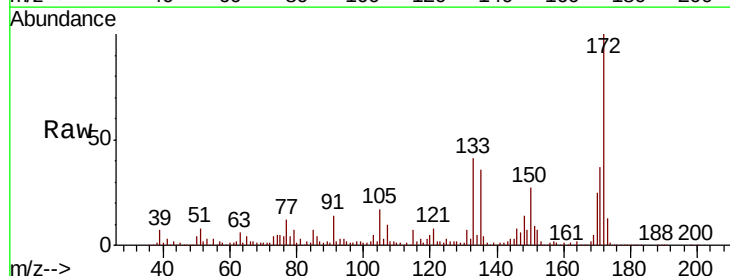
Instrument :
 BNA_F
 ClientSampleId :
 MW-1A

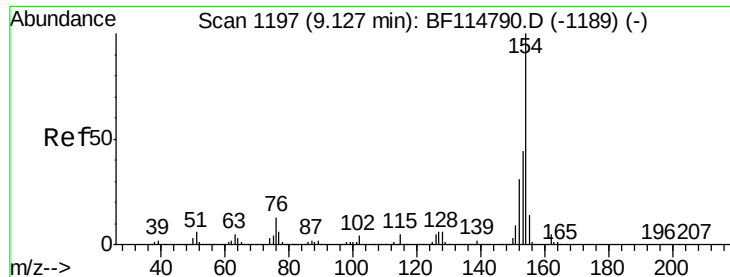
Tgt Ion:330 Resp: 536393
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.3 115.9
 141 68.3 26.2 39.4#



#45
 2-Fluorobiphenyl
 Concen: 1827.255 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. 0.06 min
 Lab File: BF114908.D
 Acq: 7 Jun 2019 23:39

Tgt Ion:172 Resp: 1812844
 Ion Ratio Lower Upper
 172 100
 171 37.3 32.3 48.5
 170 25.0 22.4 33.6

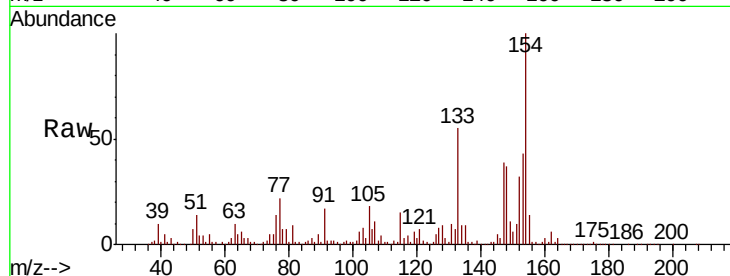




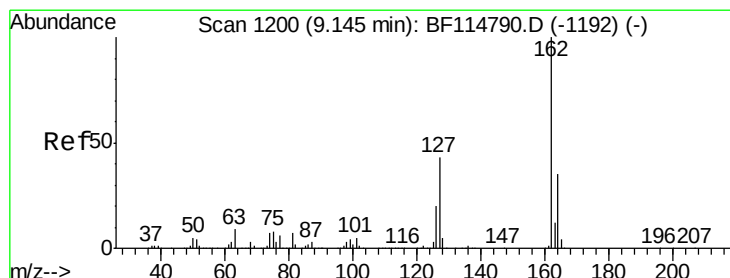
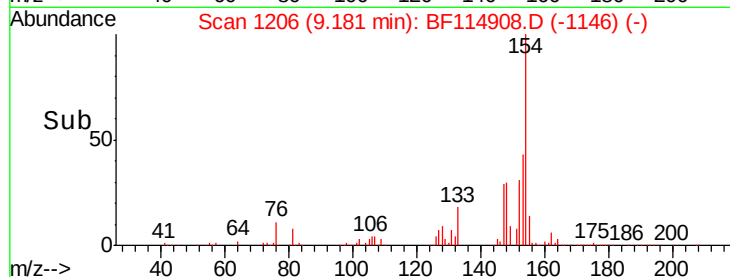
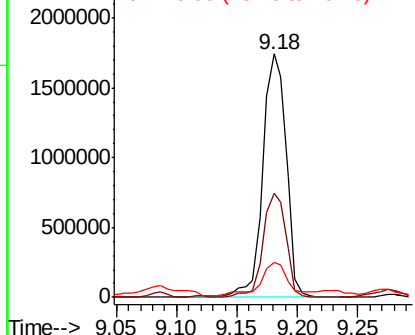
#46
 1,1'-Biphenyl
 Concen: 1710.342 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. 0.05 min
 Lab File: BF114908.D
 Acq: 7 Jun 2019 23:39

Instrument :
 BNA_F
 ClientSampleId :
 MW-1A

Tgt Ion:154 Resp: 2355870
 Ion Ratio Lower Upper
 154 100
 153 42.7 23.9 63.9
 76 14.1 0.0 33.2

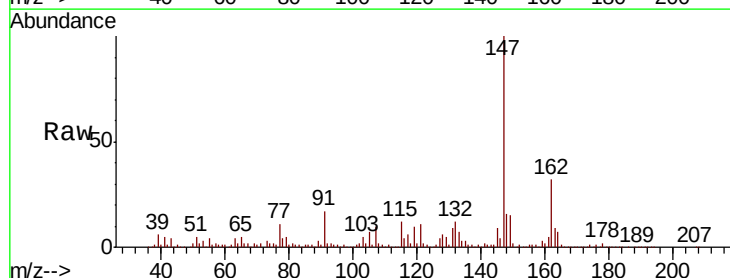


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

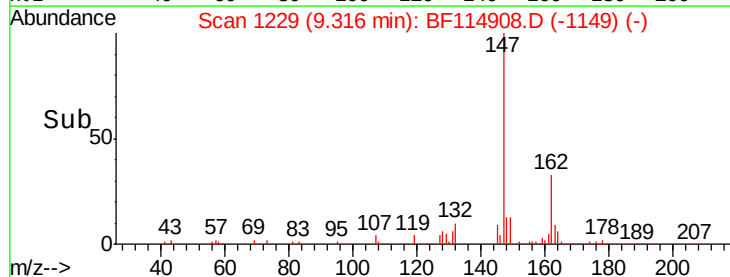
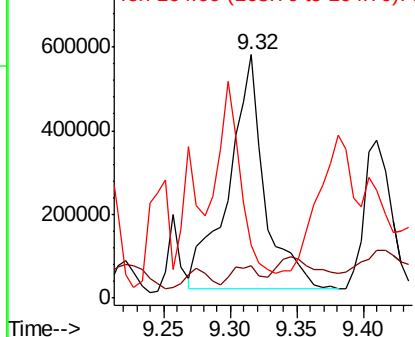


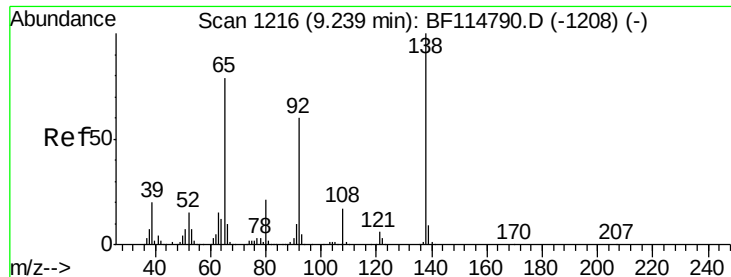
#47
 2-Chloronaphthalene
 Concen: 894.132 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. 0.17 min
 Lab File: BF114908.D
 Acq: 7 Jun 2019 23:39

Tgt Ion:162 Resp: 1046520
 Ion Ratio Lower Upper
 162 100
 127 13.5 34.6 51.8#
 164 21.9 27.8 41.8#



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

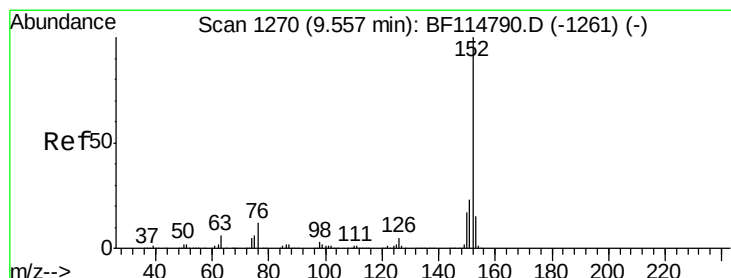
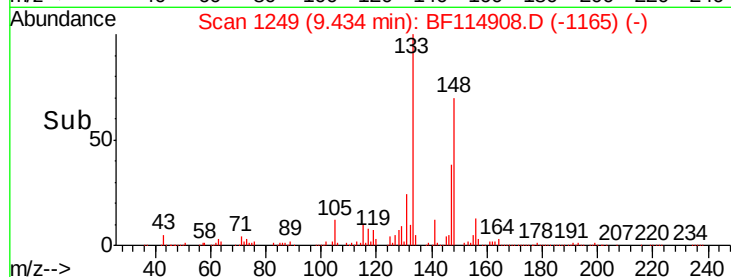
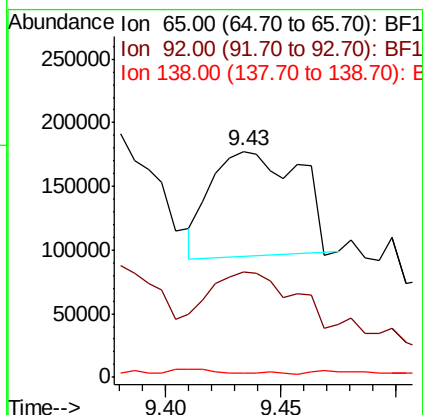
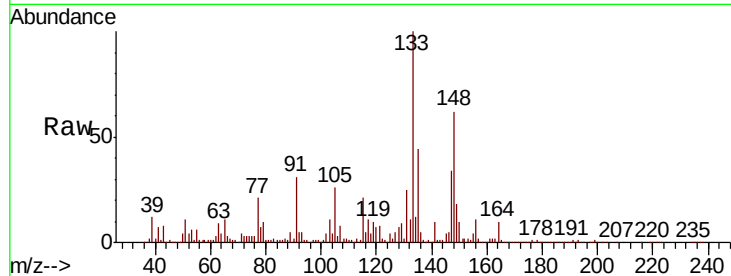




#48
2-Nitroaniline
Concen: 619.354 ng
RT: 9.43 min Scan# 1249
Delta R.T. 0.19 min
Lab File: BF114908.D
Acq: 7 Jun 2019 23:39

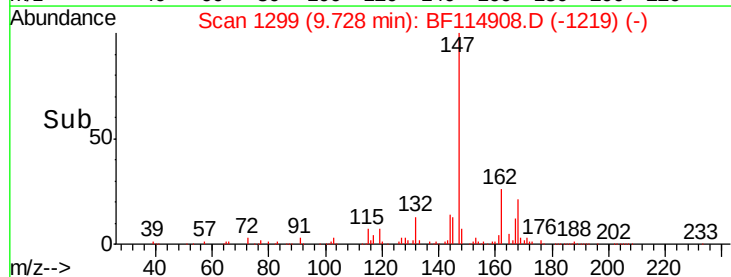
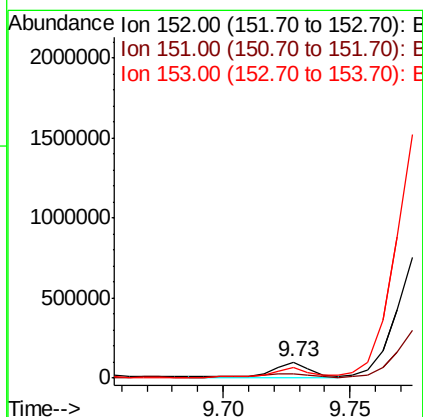
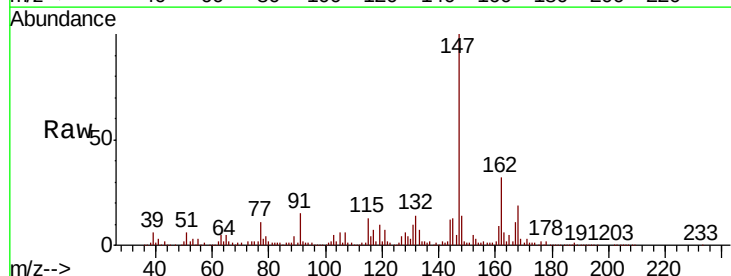
Instrument :
BNA_F
ClientSampleId :
MW-1A

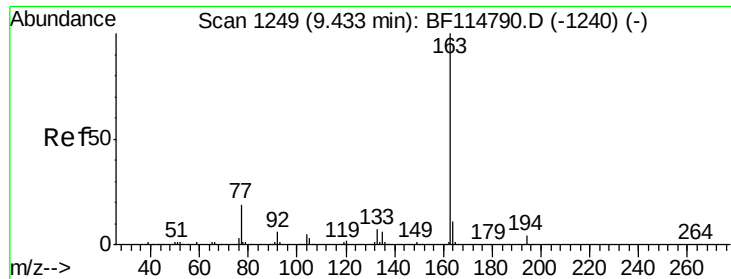
Tgt Ion: 65 Resp: 216330
Ion Ratio Lower Upper
65 100
92 46.8 60.4 90.6#
138 1.7 101.2 151.8#



#49
Acenaphthylene
Concen: 57.056 ng
RT: 9.73 min Scan# 1299
Delta R.T. 0.17 min
Lab File: BF114908.D
Acq: 7 Jun 2019 23:39

Tgt Ion: 152 Resp: 96843
Ion Ratio Lower Upper
152 100
151 25.2 18.3 27.5
153 65.3 12.3 18.5#

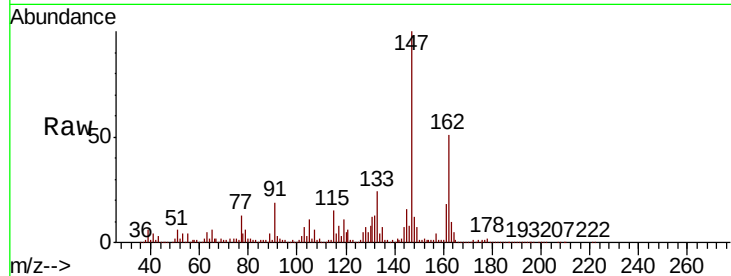




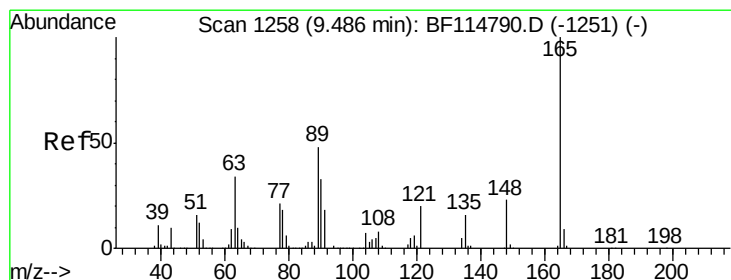
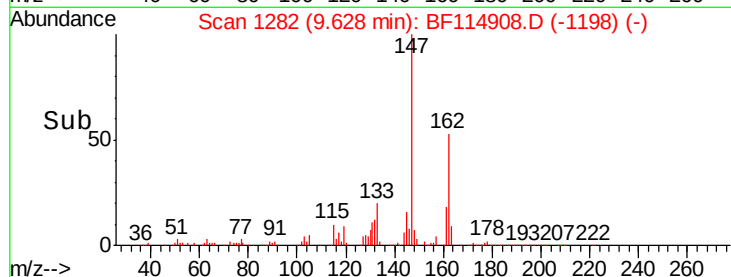
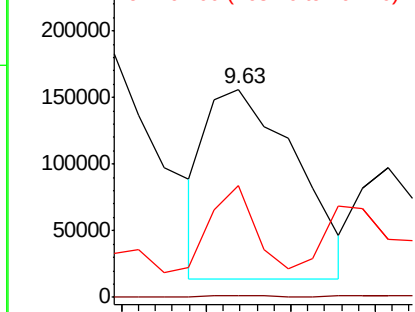
#50
Dimethylphthalate
Concen: 155.276 ng
RT: 9.63 min Scan# 1282
Delta R.T. 0.19 min
Lab File: BF114908.D
Acq: 7 Jun 2019 23:39

Instrument :
BNA_F
ClientSampled :
MW-1A

Tgt Ion:163 Resp: 210768
Ion Ratio Lower Upper
163 100
194 0.6 3.4 5.2#
164 53.8 8.6 13.0#

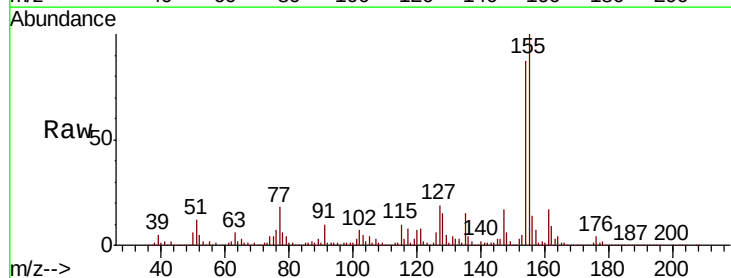


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

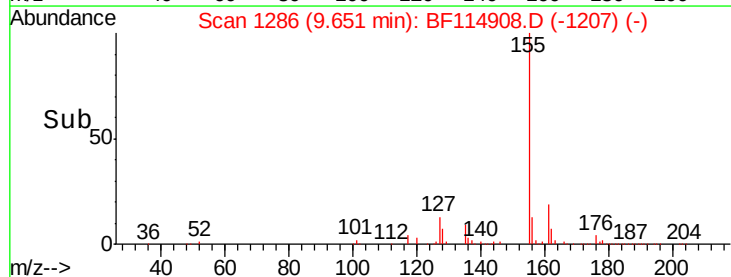
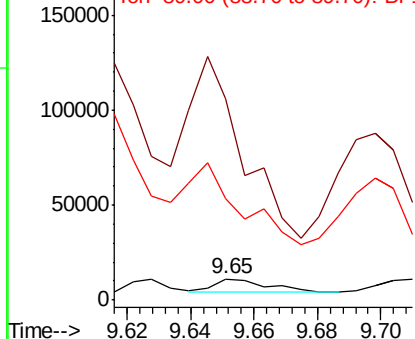


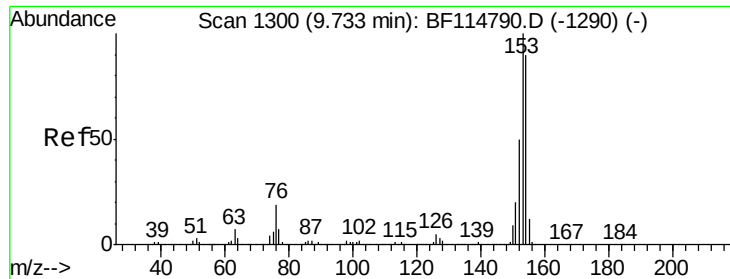
#51
2,6-Dinitrotoluene
Concen: 26.442 ng
RT: 9.65 min Scan# 1286
Delta R.T. 0.16 min
Lab File: BF114908.D
Acq: 7 Jun 2019 23:39

Tgt Ion:165 Resp: 8441
Ion Ratio Lower Upper
165 100
63 940.8 35.1 52.7#
89 477.1 38.2 57.2#



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: 2079.209 ng

RT: 9.79 min Scan# 1309

Delta R.T. 0.05 min

Lab File: BF114908.D

Acq: 7 Jun 2019 23:39

Instrument :

BNA_F

ClientSampleId :

MW-1A

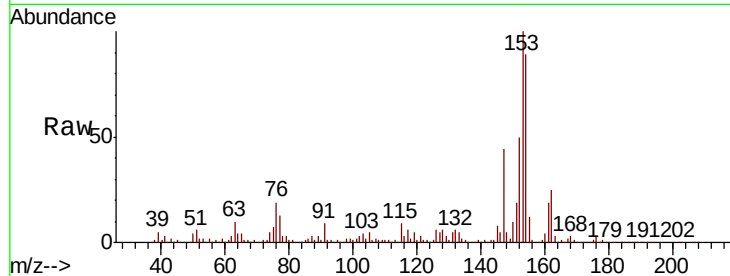
Tgt Ion:154 Resp: 2311796

Ion Ratio Lower Upper

154 100

153 112.4 88.5 132.7

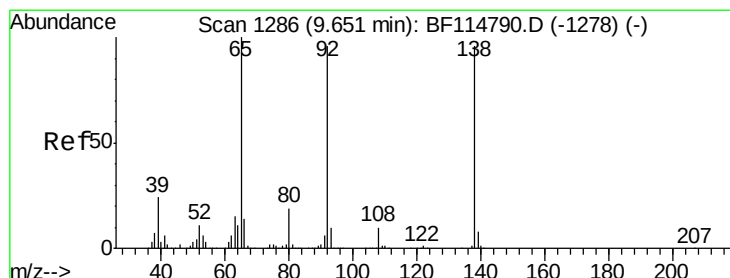
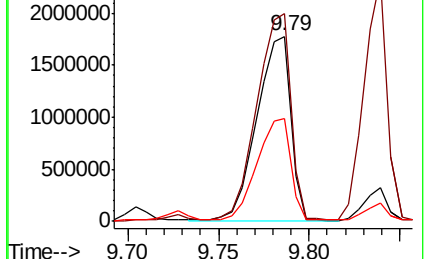
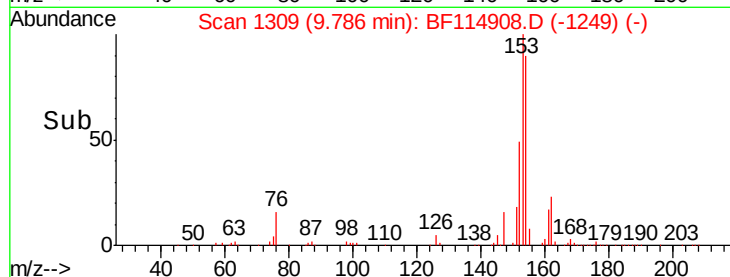
152 55.8 44.1 66.1



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: 33.482 ng

RT: 9.89 min Scan# 1327

Delta R.T. 0.24 min

Lab File: BF114908.D

Acq: 7 Jun 2019 23:39

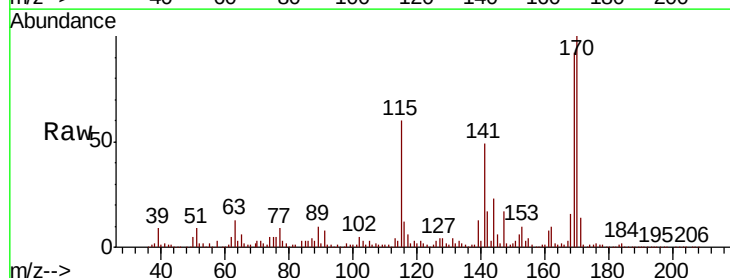
Tgt Ion:138 Resp: 12486

Ion Ratio Lower Upper

138 100

108 88.2 7.9 11.9#

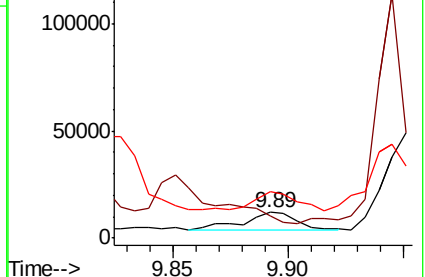
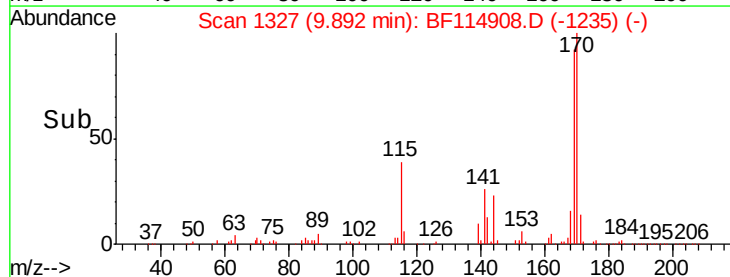
92 178.9 79.9 119.9#

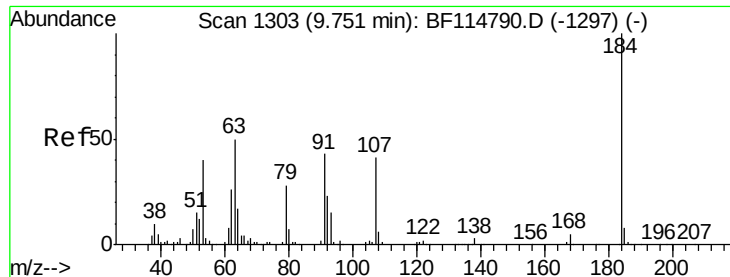


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1





#54

2,4-Dinitrophenol

Concen: 923.680 ng

RT: 9.91 min Scan# 1330

Delta R.T. 0.16 min

Lab File: BF114908.D

Acq: 7 Jun 2019 23:39

Instrument :

BNA_F

ClientSampled :

MW-1A

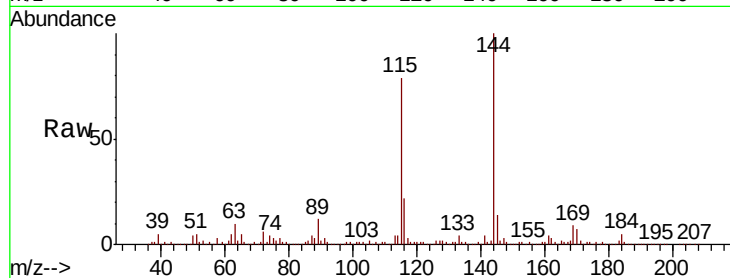
Tgt Ion:184 Resp: 133428

Ion Ratio Lower Upper

184 100

63 196.4 44.1 66.1#

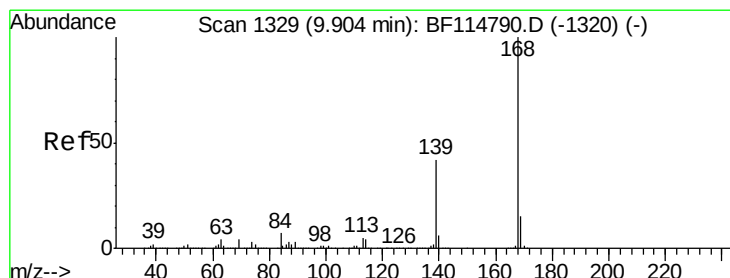
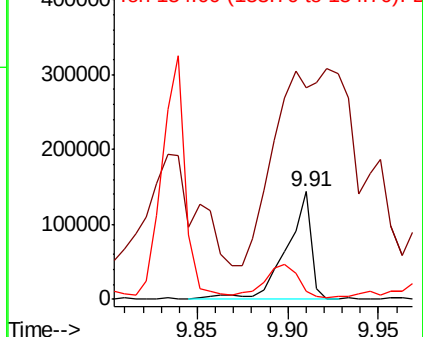
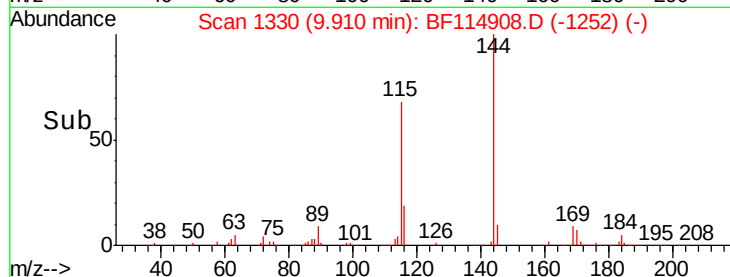
154 7.1 48.1 72.1#



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: 1556.628 ng

RT: 9.95 min Scan# 1337

Delta R.T. 0.05 min

Lab File: BF114908.D

Acq: 7 Jun 2019 23:39

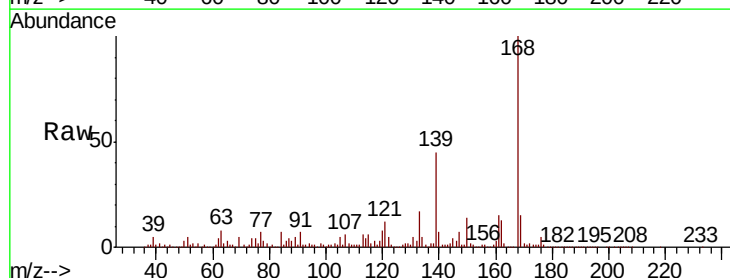
Tgt Ion:168 Resp: 2406688

Ion Ratio Lower Upper

168 100

139 45.2 33.8 50.6

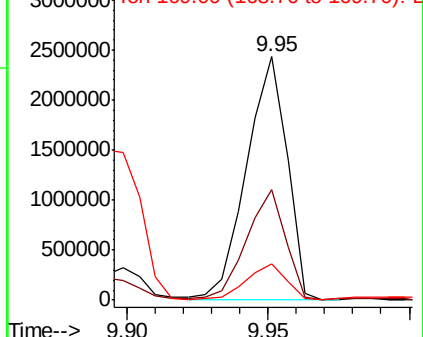
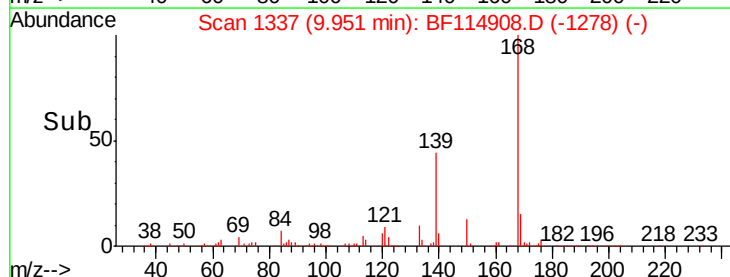
169 15.0 11.9 17.9

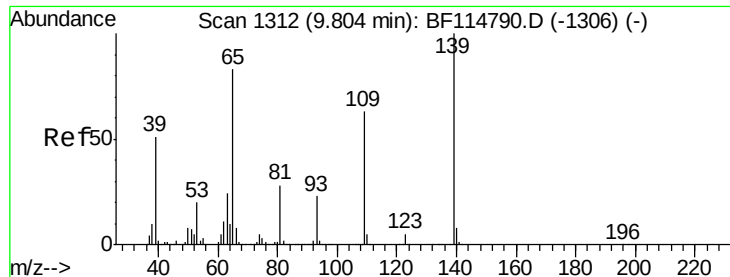


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

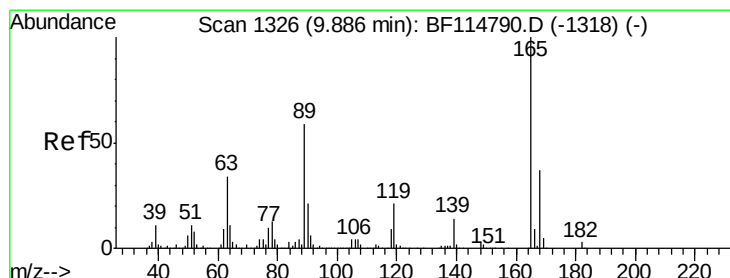
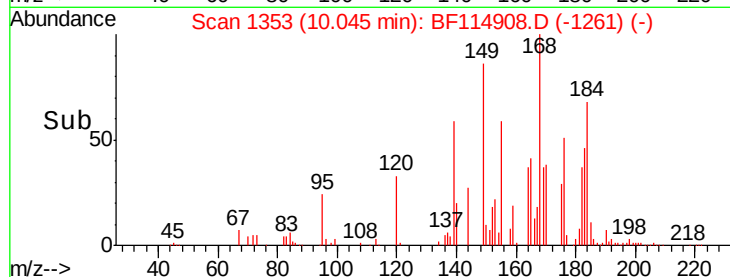
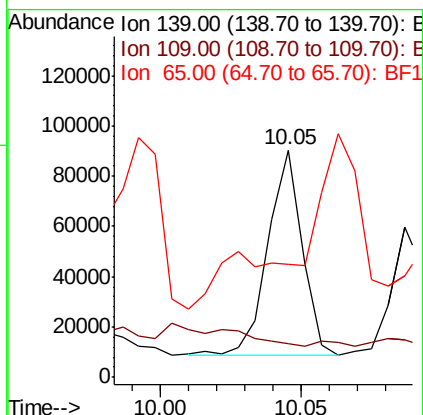
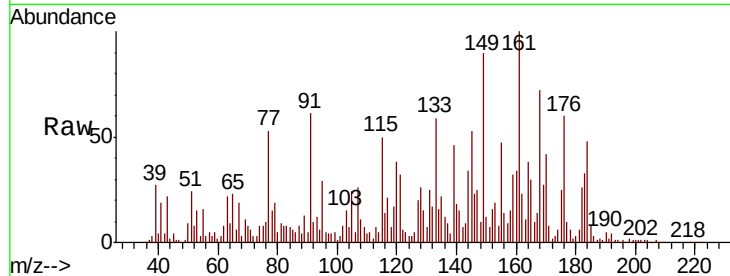




#56
4-Nitrophenol
Concen: 249.610 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.24 min
Lab File: BF114908.D
Acq: 7 Jun 2019 23:39

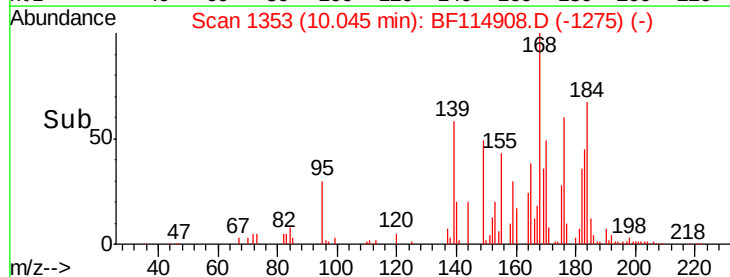
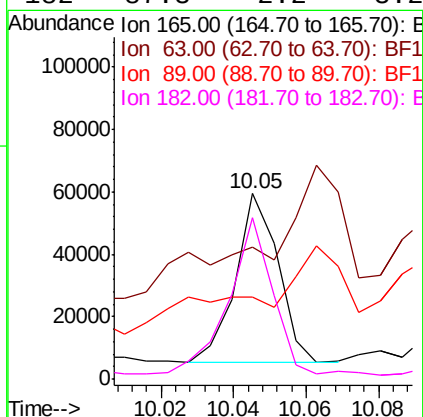
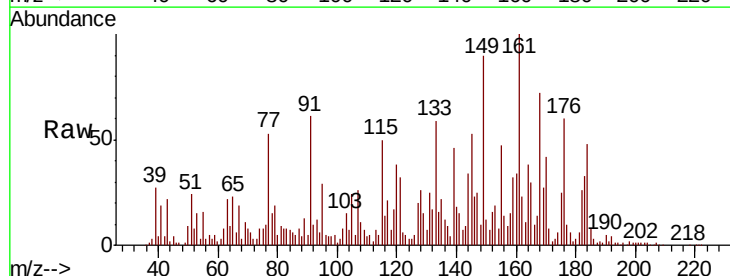
Instrument :
BNA_F
ClientSampleId :
MW-1A

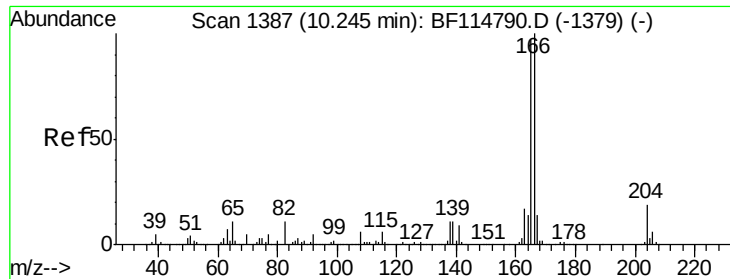
Tgt Ion:139 Resp: 68208
Ion Ratio Lower Upper
139 100
109 14.8 43.5 83.5#
65 49.5 63.2 103.2#



#57
2,4-Dinitrotoluene
Concen: 109.389 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.16 min
Lab File: BF114908.D
Acq: 7 Jun 2019 23:39

Tgt Ion:165 Resp: 43898
Ion Ratio Lower Upper
165 100
63 71.5 27.0 40.4#
89 44.2 47.0 70.6#
182 87.3 2.2 3.2#





#58

Fluorene

Concen: 1354.999 ng

RT: 10.27 min Scan# 1392

Delta R.T. 0.03 min

Lab File: BF114908.D

Acq: 7 Jun 2019 23:39

Instrument :

BNA_F

ClientSampleId :

MW-1A

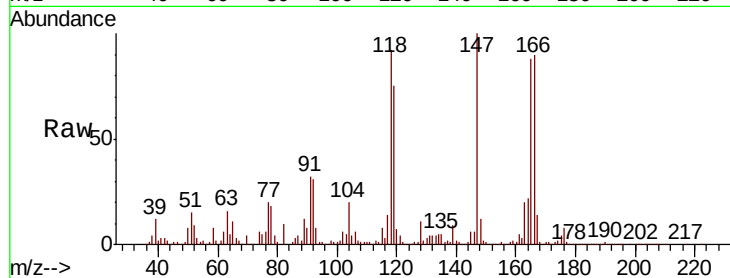
Tgt Ion:166 Resp: 1077117

Ion Ratio Lower Upper

166 100

165 97.8 77.9 116.9

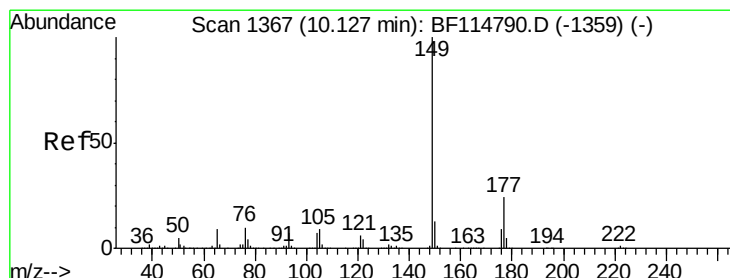
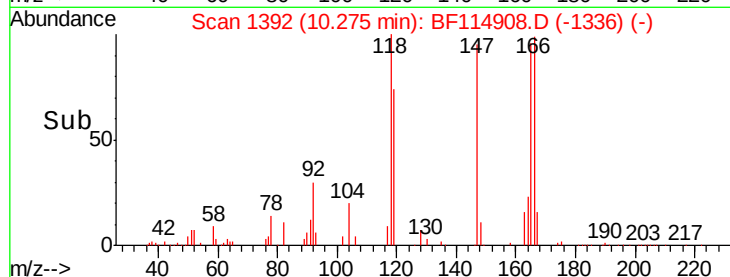
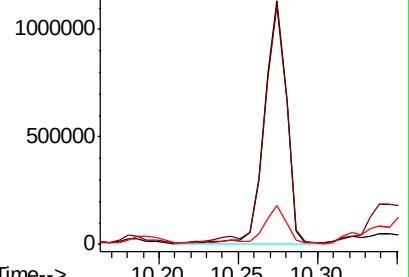
167 16.0 11.3 16.9



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



#60

Diethylphthalate

Concen: 8.086 ng

RT: 10.35 min Scan# 1404

Delta R.T. 0.22 min

Lab File: BF114908.D

Acq: 7 Jun 2019 23:39

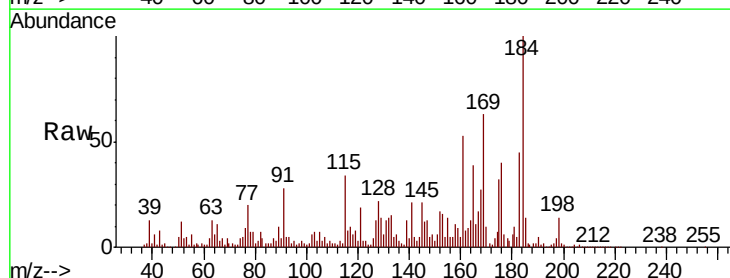
Tgt Ion:149 Resp: 11014

Ion Ratio Lower Upper

149 100

177 111.6 19.3 28.9#

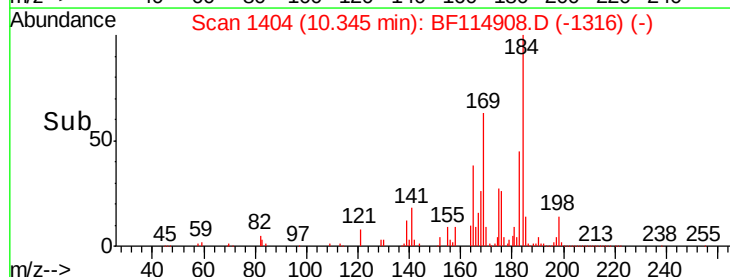
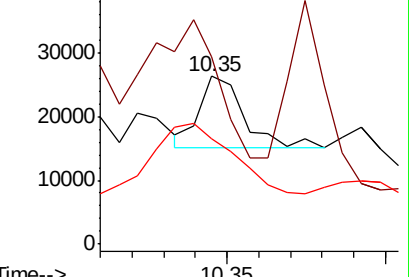
150 62.7 10.7 16.1#

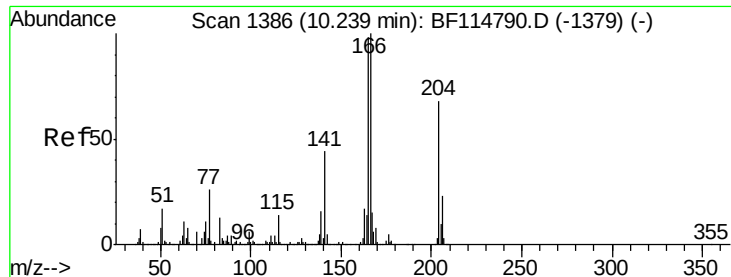


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

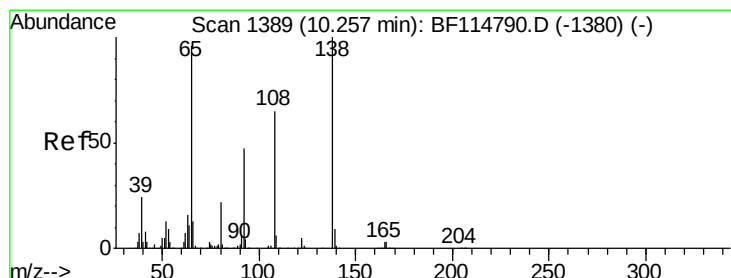
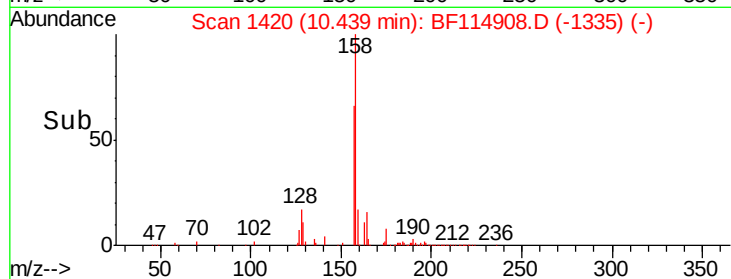
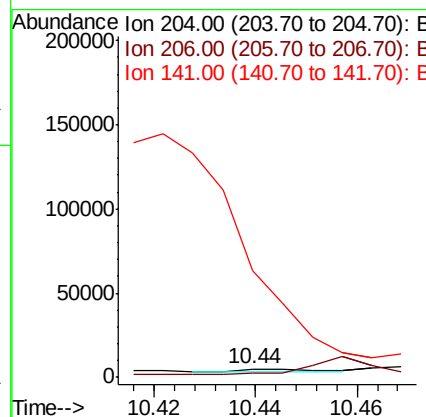
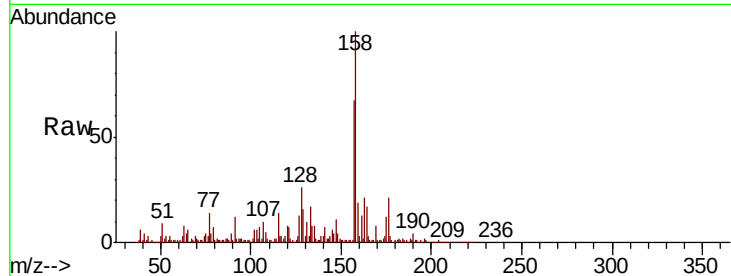




#61
 4-Chlorophenyl-phenylether
 Concen: 2.748 ng
 RT: 10.44 min Scan# 1420
 Delta R.T. 0.20 min
 Lab File: BF114908.D
 Acq: 7 Jun 2019 23:39

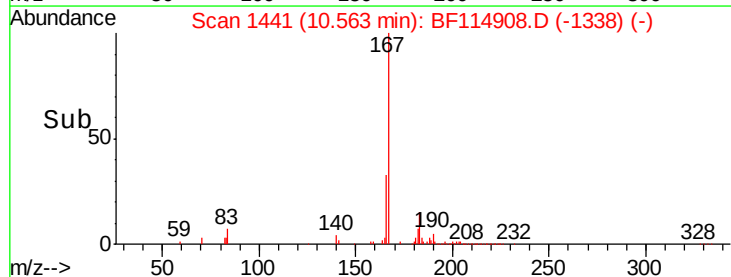
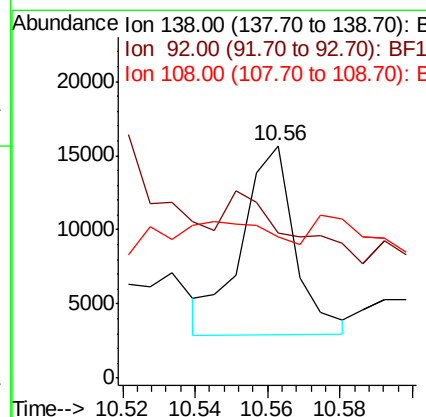
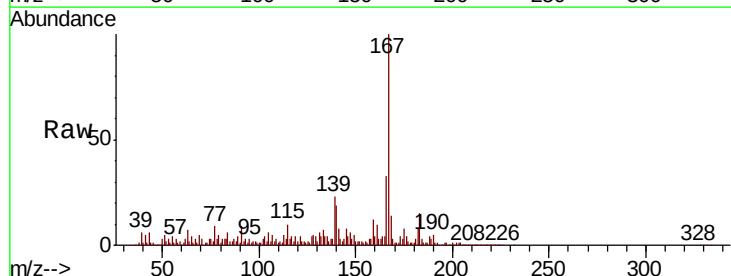
Instrument :
 BNA_F
 ClientSampleId :
 MW-1A

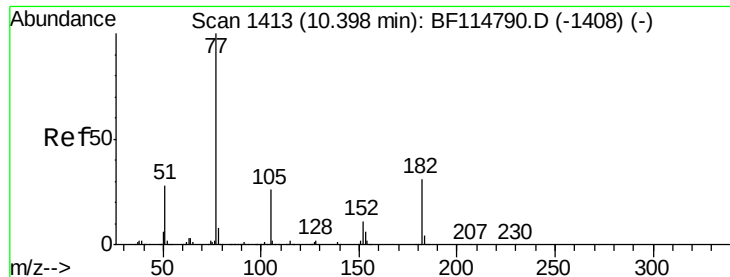
Tgt Ion: 204 Resp: 1627
 Ion Ratio Lower Upper
 204 100
 206 47.5 26.5 39.7#
 141 1277.7 51.0 76.4#



#62
 4-Nitroaniline
 Concen: 35.762 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. 0.31 min
 Lab File: BF114908.D
 Acq: 7 Jun 2019 23:39

Tgt Ion: 138 Resp: 12935
 Ion Ratio Lower Upper
 138 100
 92 62.4 26.5 66.5
 108 60.5 45.4 85.4

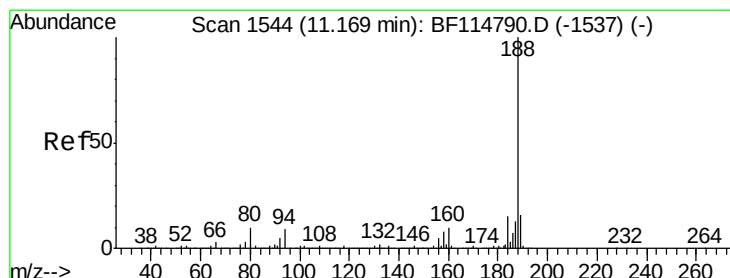
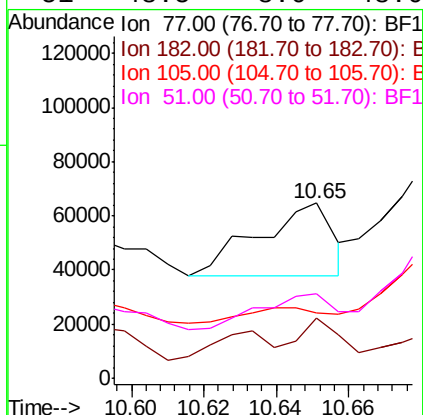
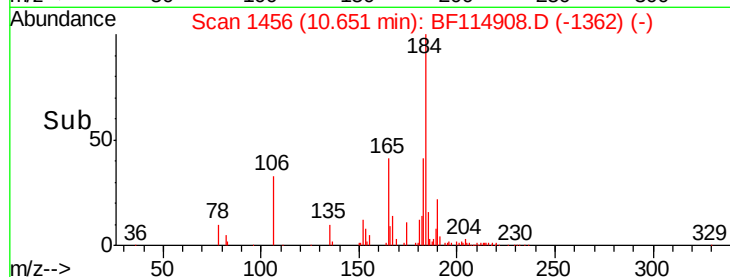
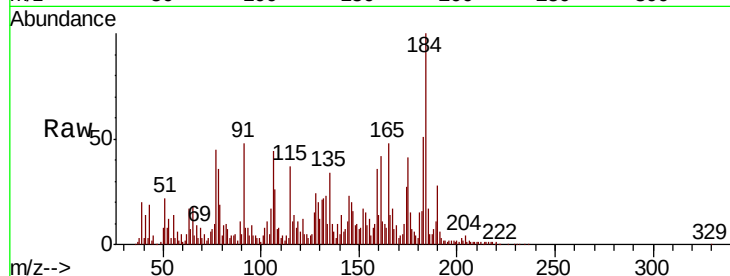




#63
Azobenzene
Concen: 33.745 ng
RT: 10.65 min Scan# 1456
Delta R.T. 0.25 min
Lab File: BF114908.D
Acq: 7 Jun 2019 23:39

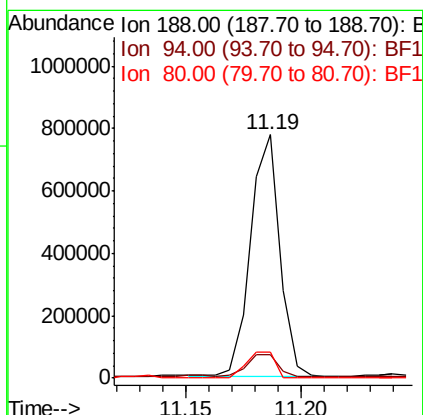
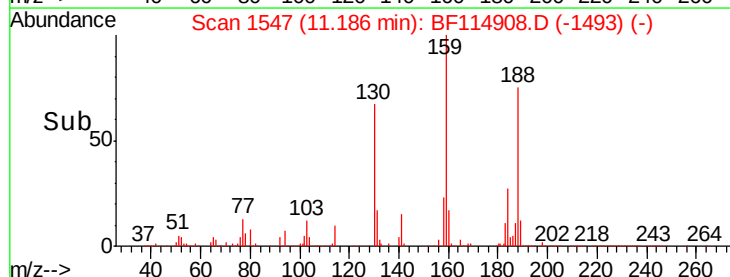
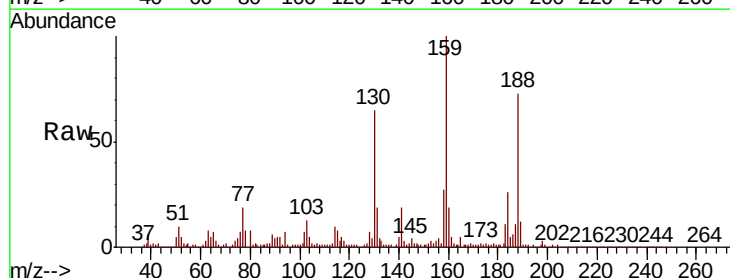
Instrument :
BNA_F
ClientSampleId :
MW-1A

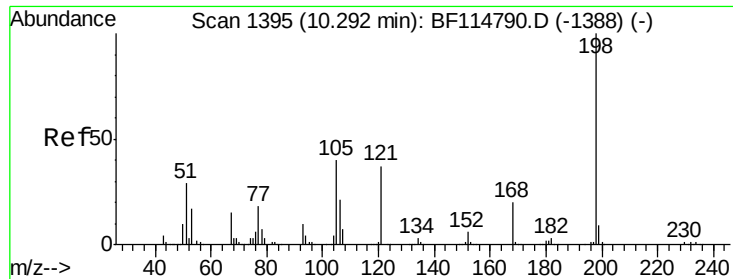
Tgt Ion: 77 Resp: 39125
Ion Ratio Lower Upper
77 100
182 34.6 11.2 51.2
105 37.4 5.7 45.7
51 48.5 8.0 48.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.19 min Scan# 1547
Delta R.T. 0.02 min
Lab File: BF114908.D
Acq: 7 Jun 2019 23:39

Tgt Ion: 188 Resp: 686536
Ion Ratio Lower Upper
188 100
94 9.7 7.6 11.4
80 10.7 8.3 12.5





#65

4,6-Dinitro-2-methylphenol

Concen: 18.279 ng

RT: 10.35 min Scan# 1405

Delta R.T. 0.06 min

Lab File: BF114908.D

Acq: 7 Jun 2019 23:39

Instrument :

BNA_F

ClientSampleId :

MW-1A

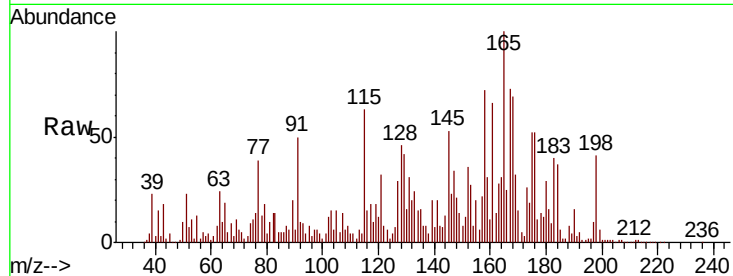
Tgt Ion:198 Resp: 65186

Ion Ratio Lower Upper

198 100

51 57.3 14.9 54.9#

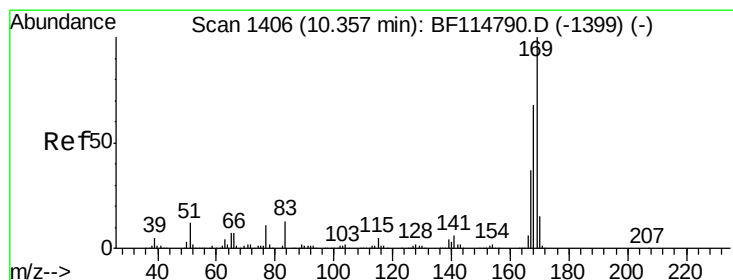
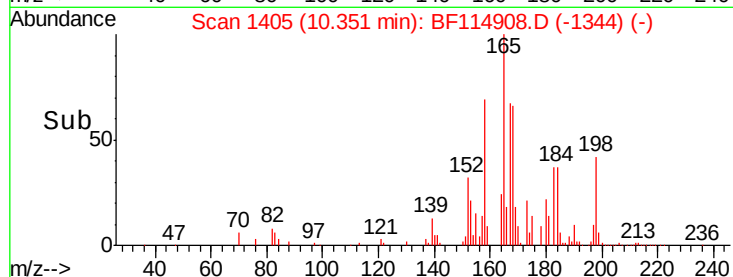
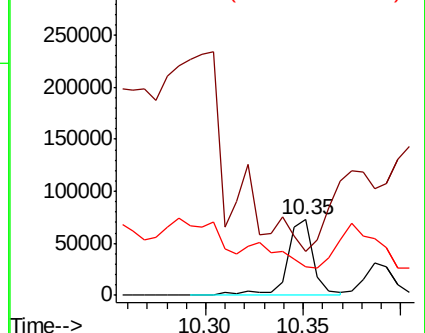
105 37.9 21.0 61.0



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 7.348 ng

RT: 10.42 min Scan# 1416

Delta R.T. 0.06 min

Lab File: BF114908.D

Acq: 7 Jun 2019 23:39

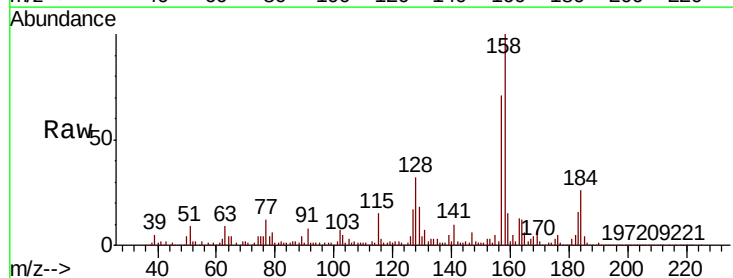
Tgt Ion:169 Resp: 152542

Ion Ratio Lower Upper

169 100

168 60.9 54.3 81.5

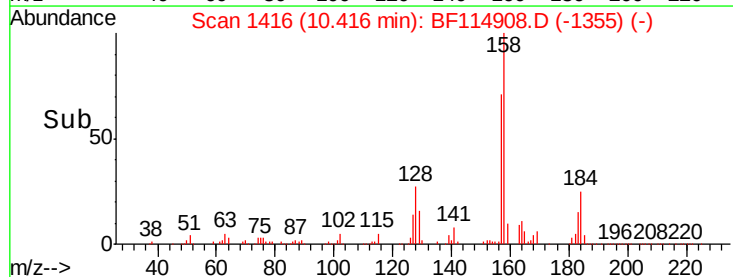
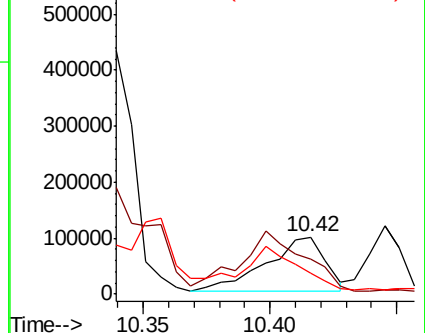
167 36.6 29.9 44.9

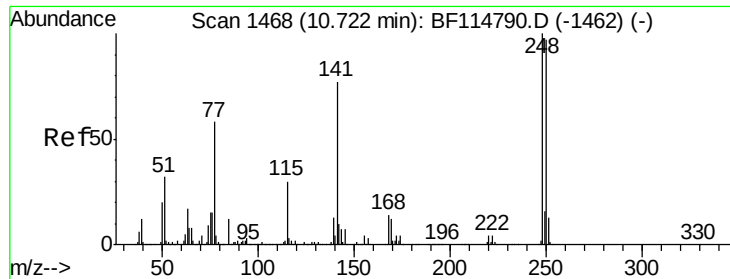


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

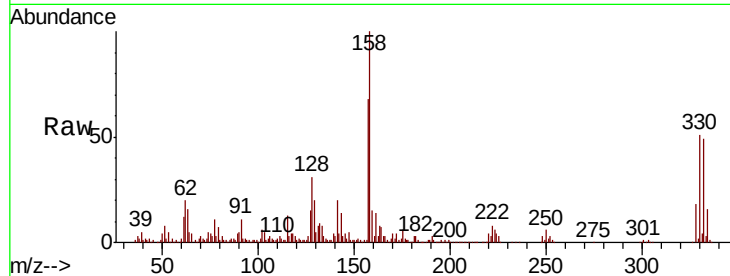




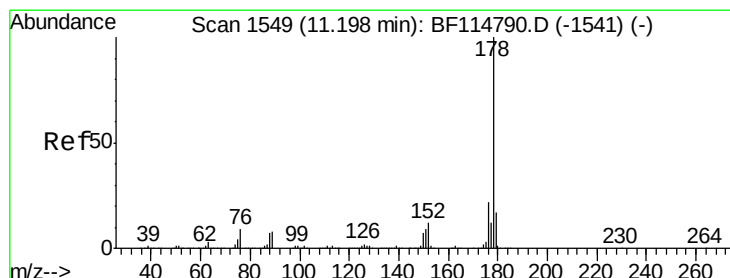
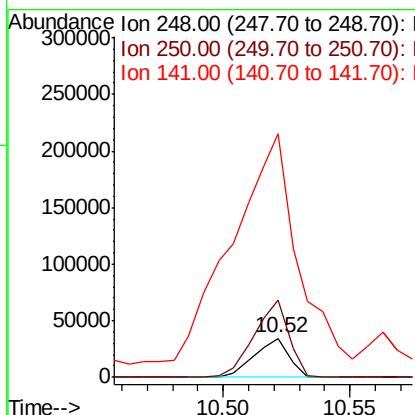
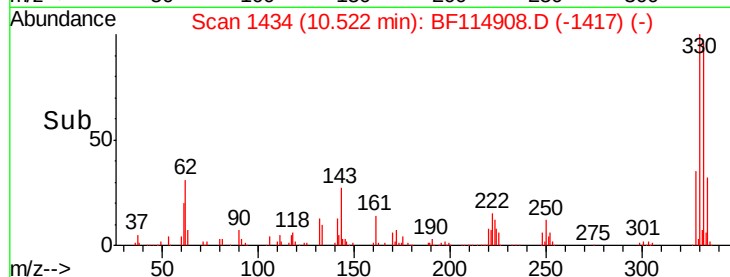
#67
 4-Bromophenyl-phenylether
 Concen: 4.232 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.20 min
 Lab File: BF114908.D
 Acq: 7 Jun 2019 23:39

Instrument :
 BNA_F
 ClientSampleId :
 MW-1A

Tgt Ion:248 Resp: 32999
 Ion Ratio Lower Upper
 248 100
 250 199.9 77.5 116.3#
 141 627.4 61.8 92.8#

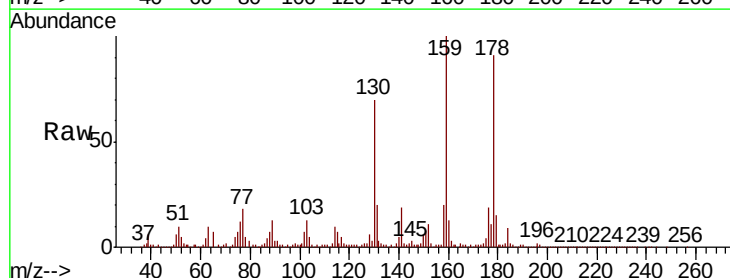


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

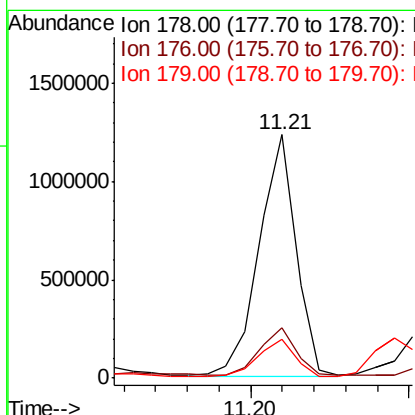
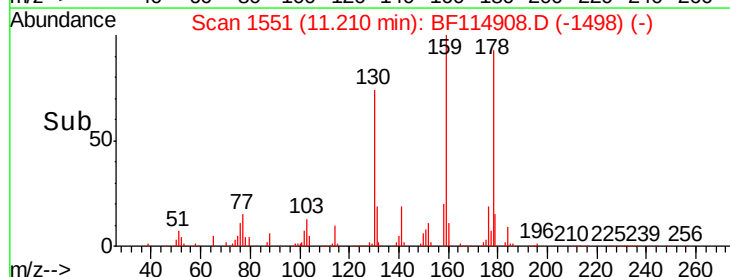


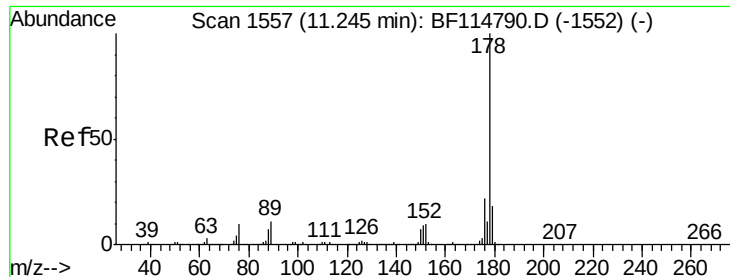
#71
 Phenanthrene
 Concen: 30.518 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. 0.01 min
 Lab File: BF114908.D
 Acq: 7 Jun 2019 23:39

Tgt Ion:178 Resp: 1000226
 Ion Ratio Lower Upper
 178 100
 176 20.7 17.7 26.5
 179 16.0 13.7 20.5



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: 9.603 ng

RT: 11.26 min Scan# 1559

Delta R.T. 0.01 min

Lab File: BF114908.D

Acq: 7 Jun 2019 23:39

Instrument :

BNA_F

ClientSampleId :

MW-1A

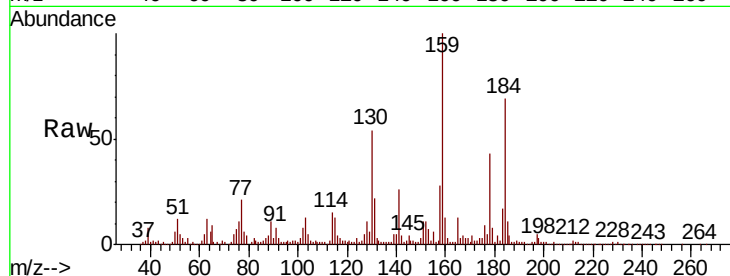
Tgt Ion:178 Resp: 331234

Ion Ratio Lower Upper

178 100

176 20.6 17.4 26.0

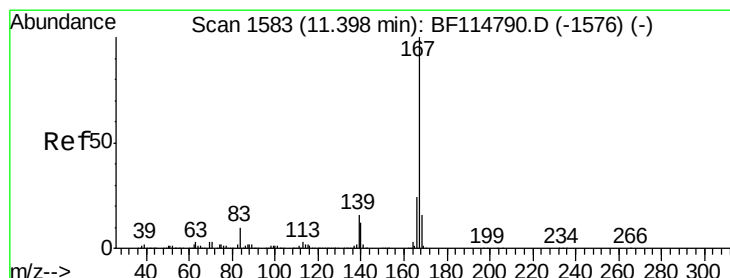
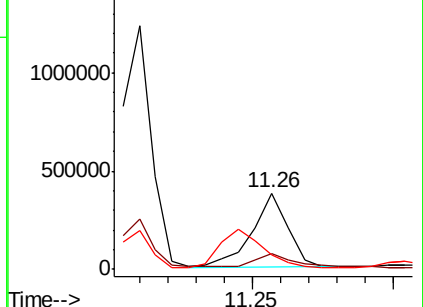
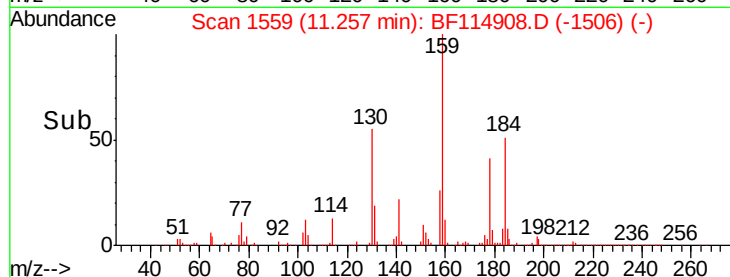
179 19.6 14.2 21.4



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: 34.445 ng

RT: 11.43 min Scan# 1588

Delta R.T. 0.03 min

Lab File: BF114908.D

Acq: 7 Jun 2019 23:39

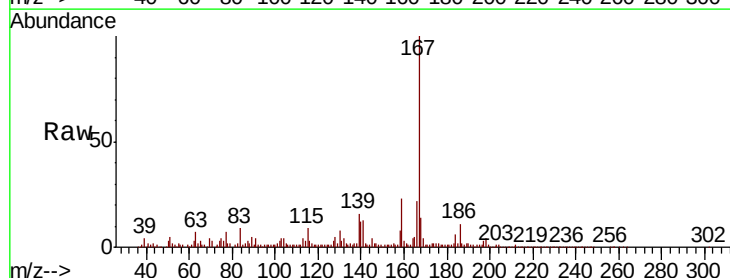
Tgt Ion:167 Resp: 1018482

Ion Ratio Lower Upper

167 100

166 22.4 19.1 28.7

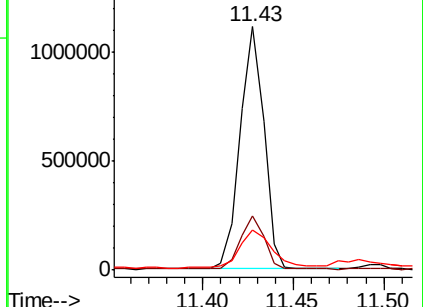
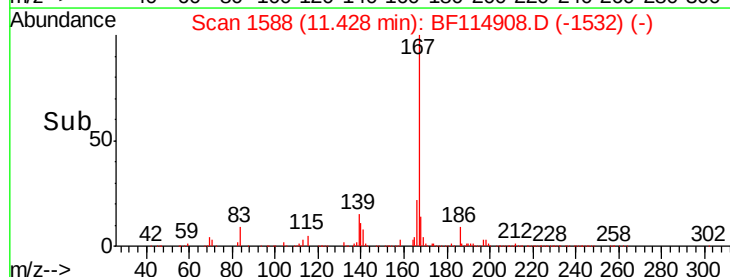
139 16.3 12.4 18.6

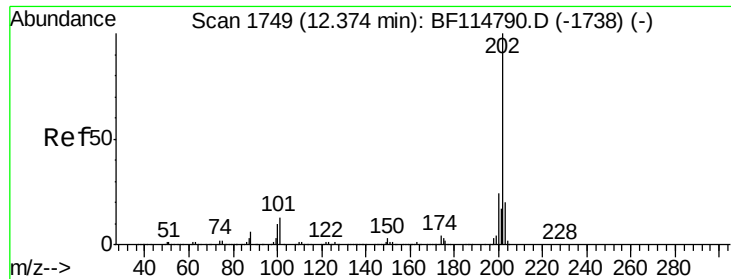


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#75

Fluoranthene

Concen: 2.649 ng

RT: 12.37 min Scan# 1749

Delta R.T. 0.00 min

Lab File: BF114908.D

Acq: 7 Jun 2019 23:39

Instrument :

BNA_F

ClientSampled :

MW-1A

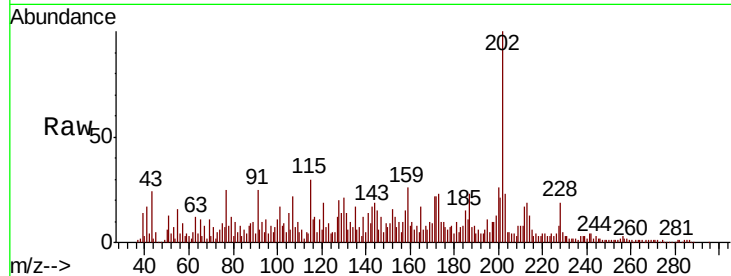
Tgt Ion:202 Resp: 90350

Ion Ratio Lower Upper

202 100

101 17.0 0.0 32.8

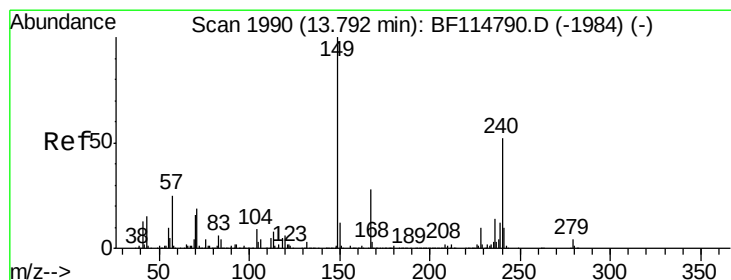
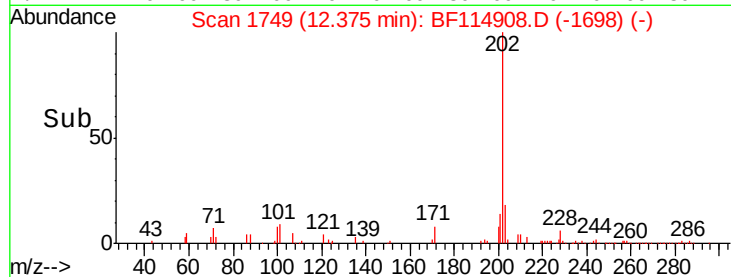
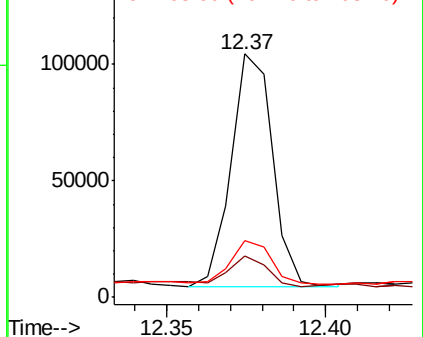
203 23.4 0.2 40.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.79 min Scan# 1990

Delta R.T. 0.00 min

Lab File: BF114908.D

Acq: 7 Jun 2019 23:39

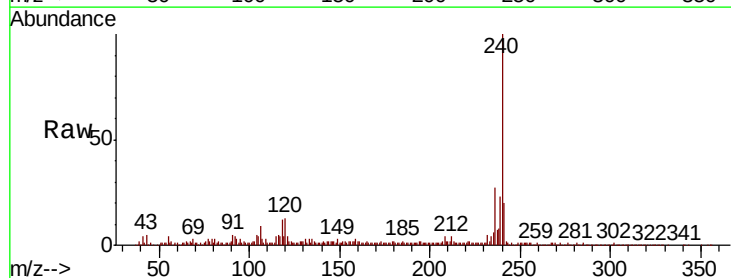
Tgt Ion:240 Resp: 585479

Ion Ratio Lower Upper

240 100

120 13.2 9.0 13.4

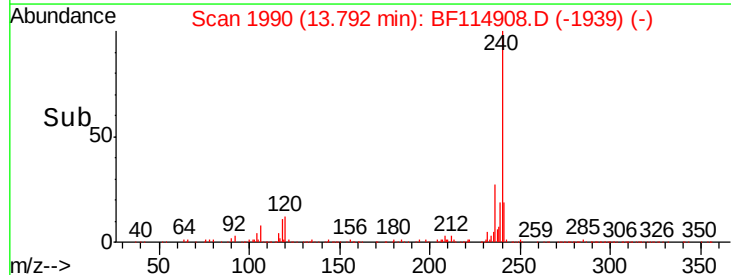
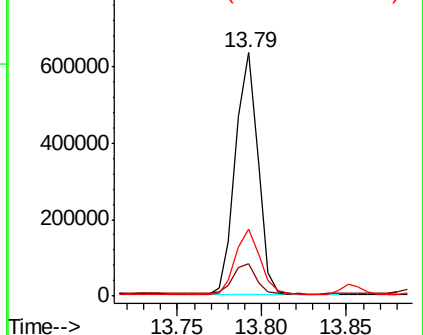
236 27.5 21.4 32.0

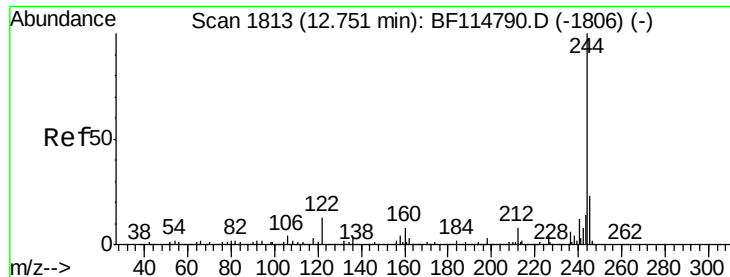


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 76.210 ng

RT: 12.75 min Scan# 1813

Delta R.T. 0.00 min

Lab File: BF114908.D

Acq: 7 Jun 2019 23:39

Instrument :

BNA_F

ClientSampleId :

MW-1A

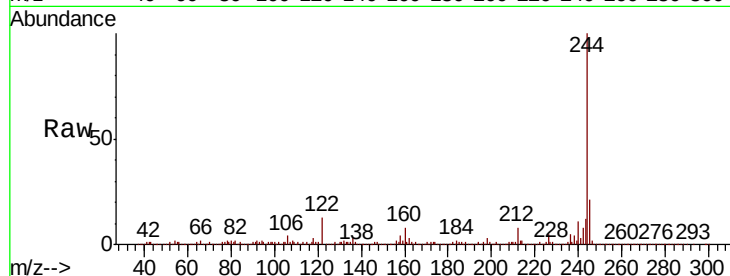
Tgt Ion:244 Resp: 2294328

Ion Ratio Lower Upper

244 100

212 7.8 6.5 9.7

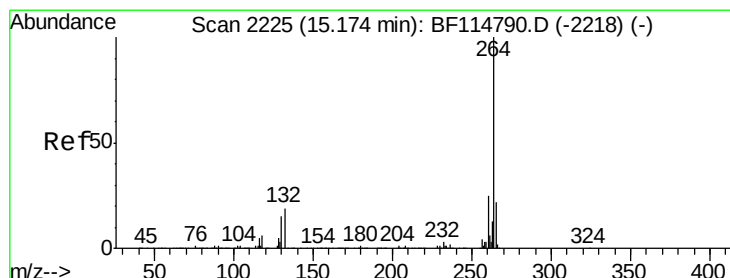
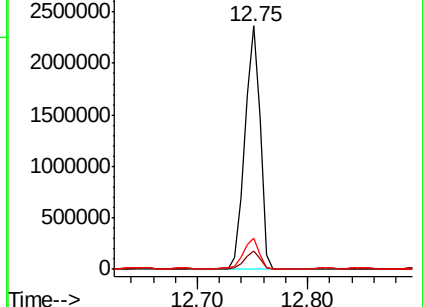
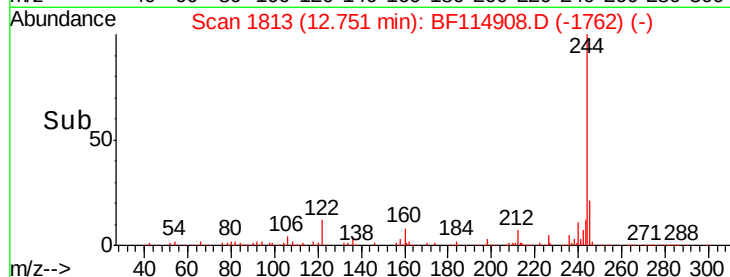
122 12.9 10.5 15.7



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.17 min Scan# 2224

Delta R.T. -0.01 min

Lab File: BF114908.D

Acq: 7 Jun 2019 23:39

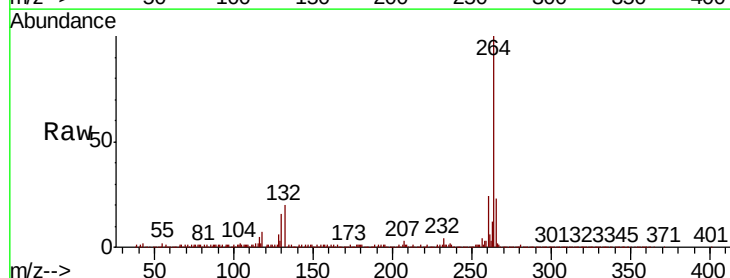
Tgt Ion:264 Resp: 703001

Ion Ratio Lower Upper

264 100

260 24.4 20.1 30.1

265 22.5 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

