

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082619\
 Data File : BF116576.D
 Acq On : 26 Aug 2019 15:57
 Operator : HP/JU
 Sample : K4392-01 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GW-1DL

Quant Time: Aug 27 04:09:54 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF082319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 23 13:38:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	105340	20.00	ng	0.02
21) Naphthalene-d8	8.18	136	365025	20.00	ng	0.02
39) Acenaphthene-d10	9.95	164	203852	20.00	ng	0.03
64) Phenanthrene-d10	11.42	188	349774	20.00	ng	0.02
76) Chrysene-d12	14.03	240	227407	20.00	ng	0.00
87) Perylene-d12	15.50	264	273467	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	43247	6.00	ng	0.00
7) Phenol-d6	6.50	99	39272	4.44	ng	0.00
23) Nitrobenzene-d5	7.45	82	207782	31.14	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	18427	10.53	ng	0.03
45) 2-Fluorobiphenyl	9.25	172	196079	15.49	ng	0.01
79) Terphenyl-d14	12.99	244	173525	14.25	ng	0.00

Target Compounds

						Qvalue
4) n-Nitrosodimethylamine	3.43	42	41369	11.921	ng	# 1
6) Aniline	6.57	93	24350	2.035	ng	# 1
9) Benzaldehyde	6.44	77	71898	12.173	ng	# 1
18) Hexachloroethane	7.43	117	194632	63.322	ng	# 1
19) n-Nitroso-di-n-propylamine	7.30	70	77109	12.783	ng	# 44
22) Acetophenone	7.30	105	342230	37.494	ng	# 18
24) Nitrobenzene	7.47	77	53043	7.677	ng	# 67
25) Isophorone	7.72	82	131276	9.984	ng	# 1
26) 2-Nitrophenol	7.81	139	16261	6.443	ng	# 1
27) 2,4-Dimethylphenol	7.85	122	19448	3.693	ng	# 1
29) 2,4-Dichlorophenol	8.02	162	14455	2.886	ng	# 1
31) Naphthalene	8.20	128	1176434	66.622	ng	# 94
33) 4-Chloroaniline	8.23	127	26038	3.359	ng	# 1
35) Caprolactam	8.62	113	178835	102.517	ng	# 47
36) 4-Chloro-3-methylphenol	8.72	107	28082	4.970	ng	# 34
37) 2-Methylnaphthalene	8.92	142	4056069	334.538	ng	# 94
38) 1-Methylnaphthalene	9.02	142	2452393	216.531	ng	# 99
46) 1,1'-Biphenyl	9.36	154	356986	21.903	ng	# 99
48) 2-Nitroaniline	9.47	65	20411	5.276	ng	# 42
49) Acenaphthylene	9.81	152	117275	6.344	ng	# 1
50) Dimethylphthalate	9.66	163	45589	3.205	ng	# 8
51) 2,6-Dinitrotoluene	9.72	165	7390	2.538	ng	# 1
52) Acenaphthene	9.97	154	240755	20.296	ng	# 82
53) 3-Nitroaniline	9.87	138	13911	4.009	ng	# 27
54) 2,4-Dinitrophenol	9.99	184	1126	9.305	ng	# 1
55) Dibenzofuran	10.15	168	217585	13.159	ng	# 6
56) 4-Nitrophenol	10.06	139	173481	64.319	ng	# 49
57) 2,4-Dinitrotoluene	10.10	165	34494	9.312	ng	# 59
58) Fluorene	10.49	166	451827	35.170	ng	# 90
65) 4,6-Dinitro-2-methylphenol	10.52	198	1878	8.124	ng	# 1
66) n-Nitrosodiphenylamine	10.59	169	297890	26.302	ng	# 62
71) Phenanthrene	11.45	178	1169250	61.364	ng	# 97
72) Anthracene	11.45	178	1169250	61.068	ng	# 96
75) Fluoranthene	12.63	202	44058	2.237	ng	# 68

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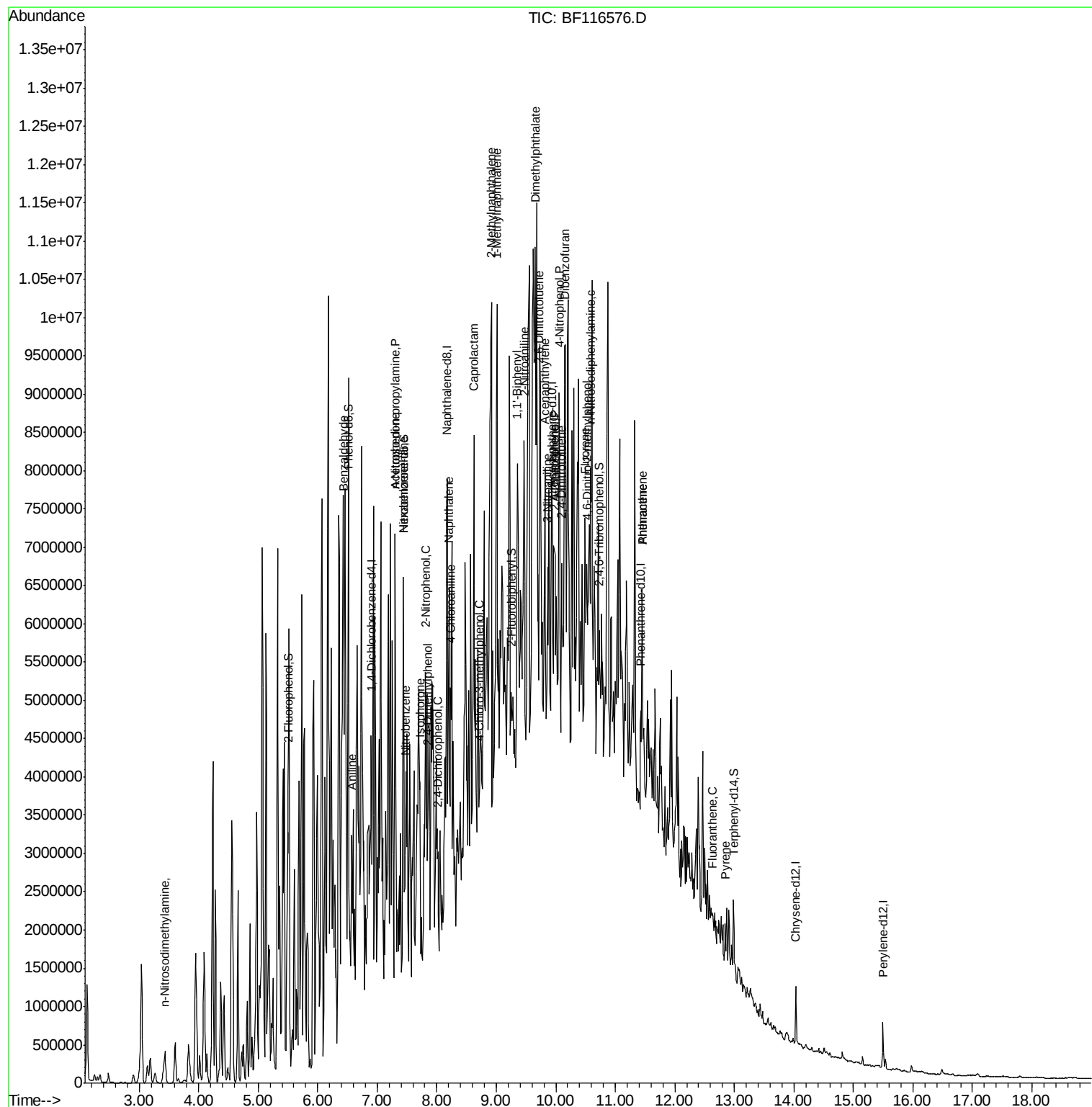
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
78) Pyrene	12.85	202	127253	6.997	ng	# 95

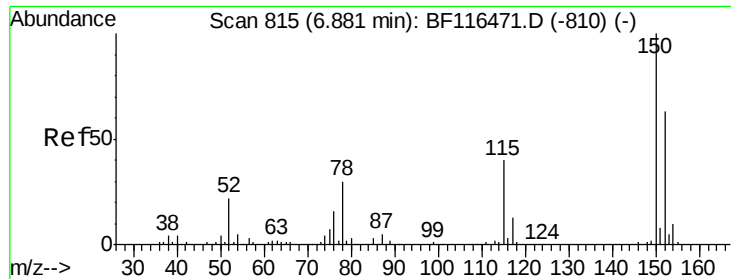
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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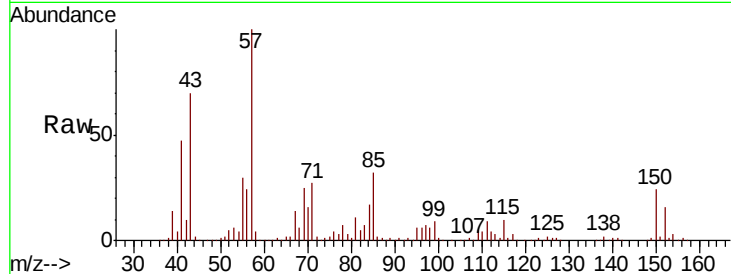


#1

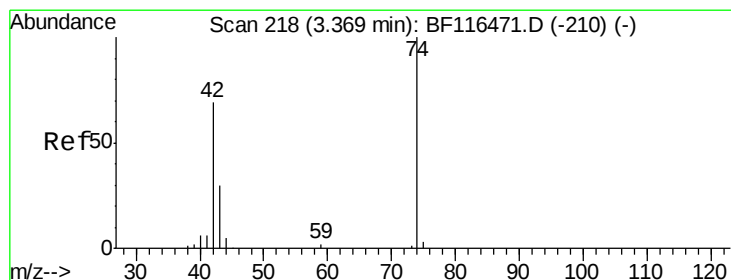
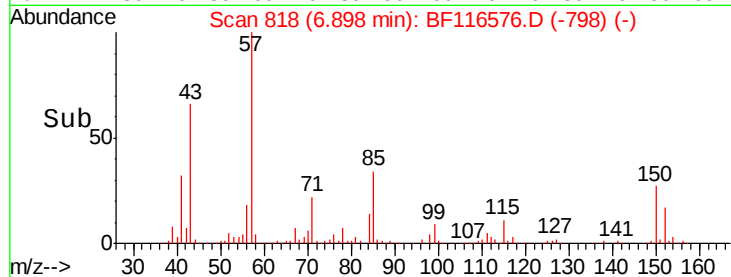
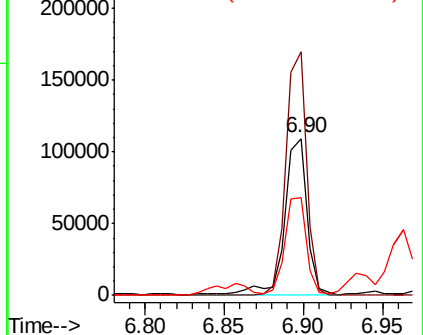
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. 0.02 min
Lab File: BF116576.D
Acq: 26 Aug 2019 15:57

Instrument :
BNA_F
ClientSampleId :
GW-1DL

Tgt Ion:152 Resp: 105340
Ion Ratio Lower Upper
152 100
150 155.4 126.7 190.1
115 62.2 50.9 76.3



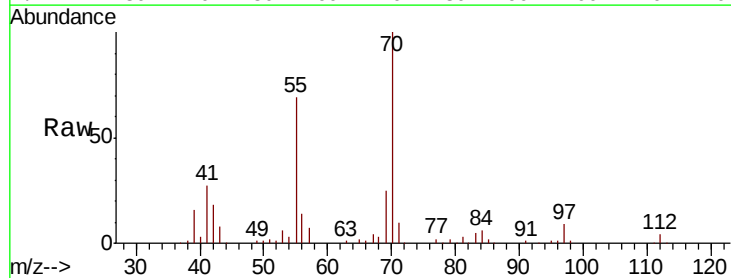
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



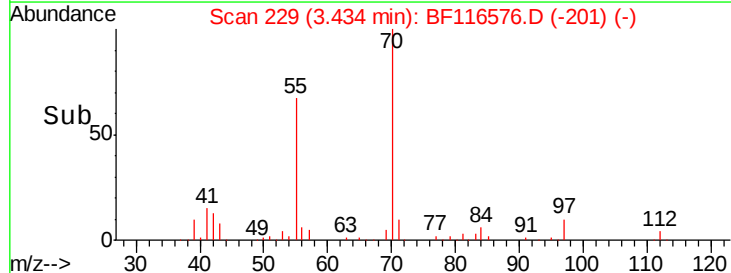
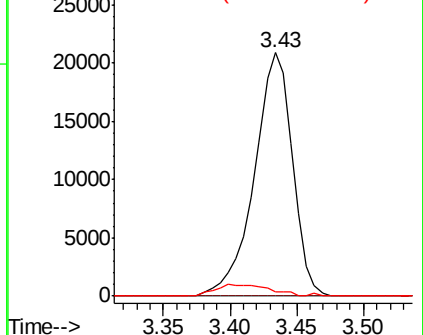
#4

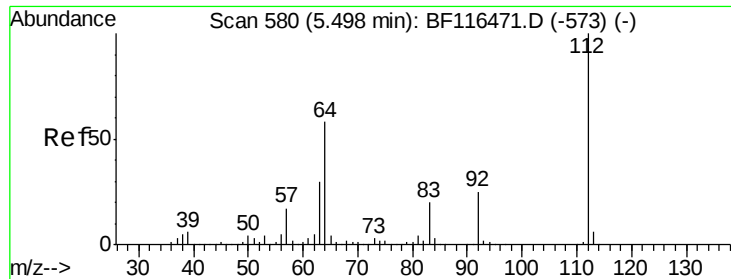
n-Nitrosodimethylamine
Concen: 11.921 ng
RT: 3.43 min Scan# 229
Delta R.T. 0.06 min
Lab File: BF116576.D
Acq: 26 Aug 2019 15:57

Tgt Ion: 42 Resp: 41369
Ion Ratio Lower Upper
42 100
74 0.0 115.3 172.9#
44 1.5 5.8 8.8#



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1

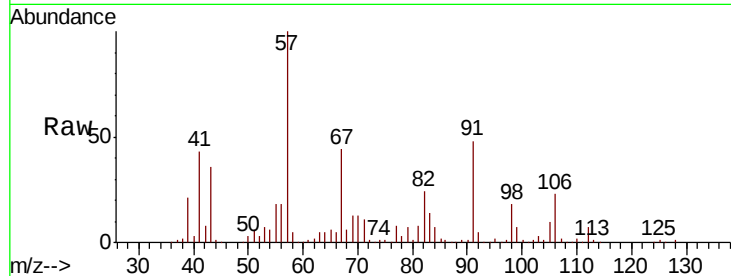




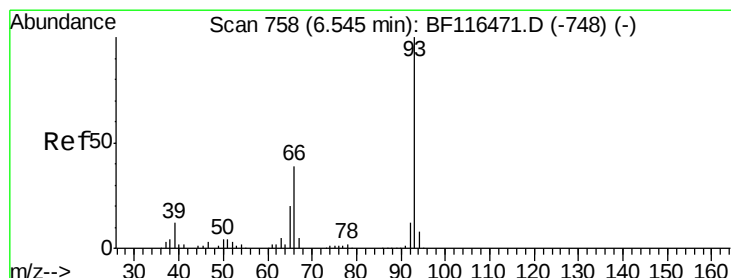
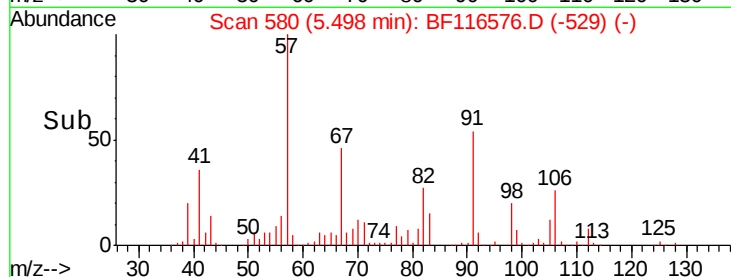
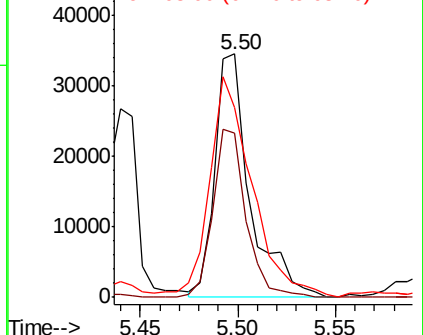
#5
2-Fluorophenol
Concen: 5.999 ng
RT: 5.50 min Scan# 580
Delta R.T. -0.00 min
Lab File: BF116576.D
Acq: 26 Aug 2019 15:57

Instrument :
BNA_F
ClientSampleId :
GW-1DL

Tgt Ion: 112 Resp: 43247
Ion Ratio Lower Upper
112 100
64 67.5 46.3 69.5
63 78.0 24.2 36.4#

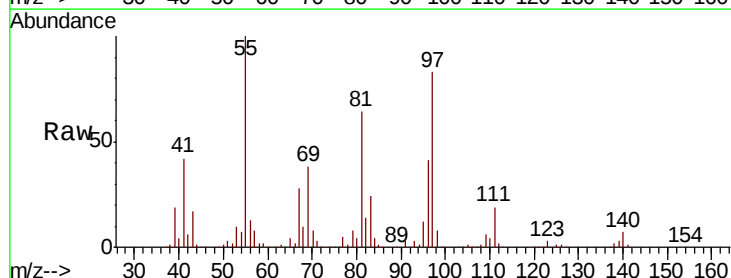


Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1

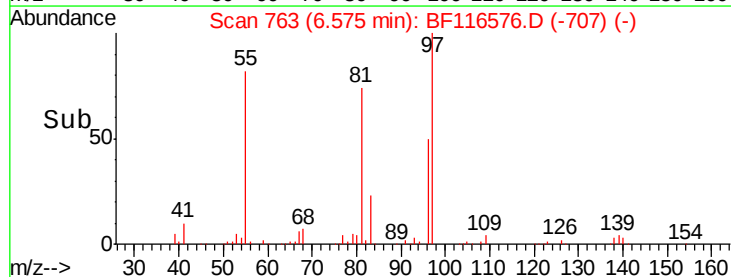
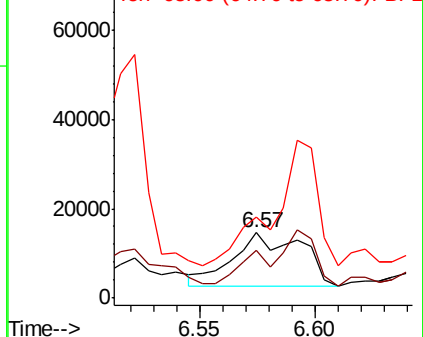


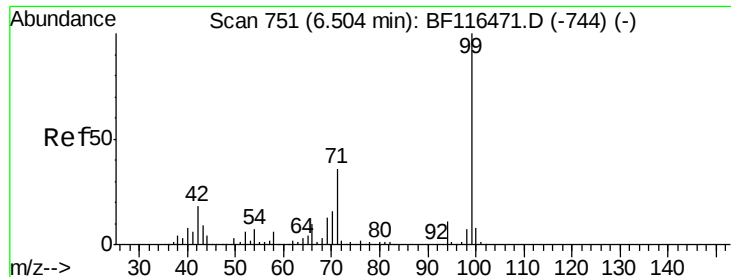
#6
Aniline
Concen: 2.035 ng
RT: 6.57 min Scan# 763
Delta R.T. 0.03 min
Lab File: BF116576.D
Acq: 26 Aug 2019 15:57

Tgt Ion: 93 Resp: 24350
Ion Ratio Lower Upper
93 100
66 73.2 32.2 48.2#
65 124.5 16.3 24.5#



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: 4.443 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF116576.D

Acq: 26 Aug 2019 15:57

Instrument :

BNA_F

ClientSampled :

GW-1DL

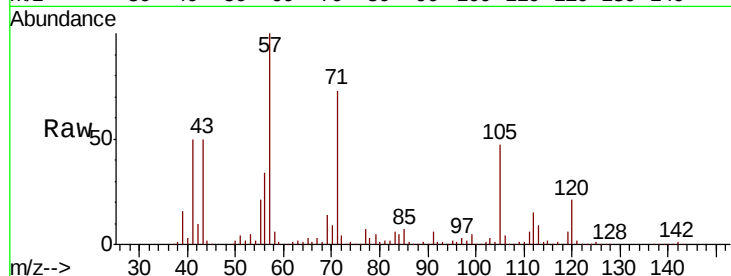
Tgt Ion: 99 Resp: 39272

Ion Ratio Lower Upper

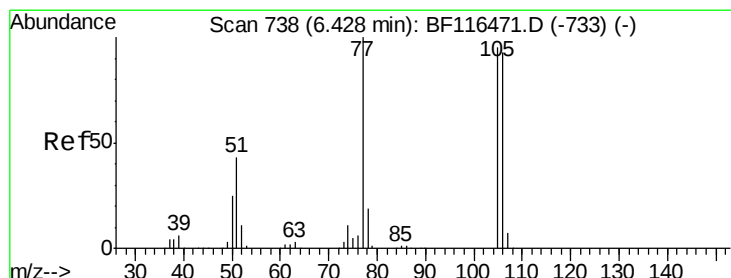
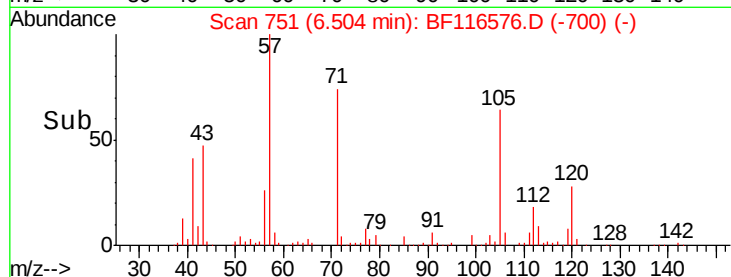
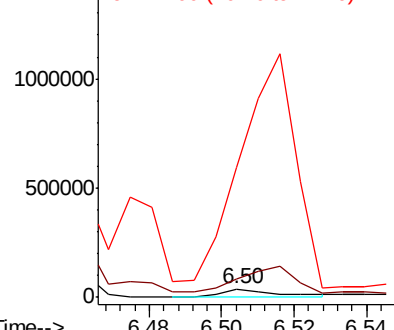
99 100

42 218.8 14.6 21.8#

71 1556.8 28.5 42.7#



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: 12.173 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF116576.D

Acq: 26 Aug 2019 15:57

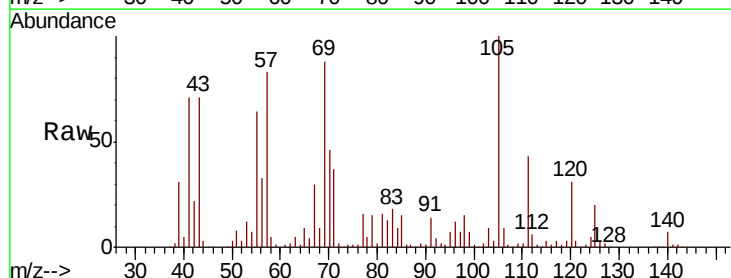
Tgt Ion: 77 Resp: 71898

Ion Ratio Lower Upper

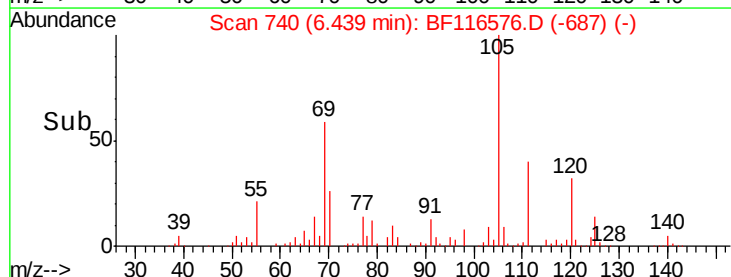
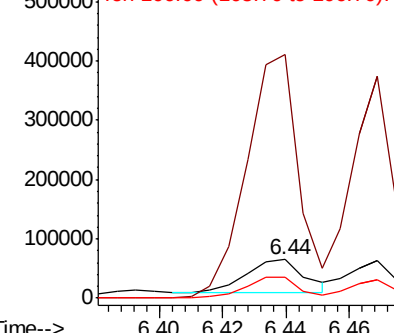
77 100

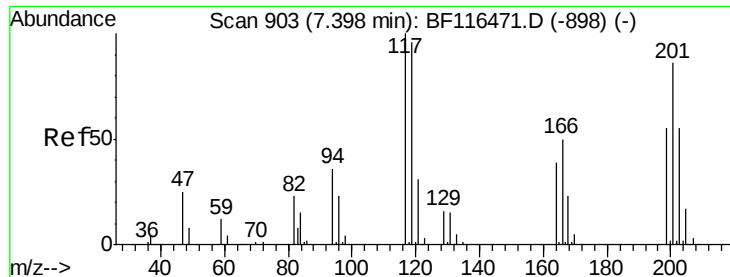
105 633.4 75.5 115.5#

106 55.6 73.2 113.2#



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

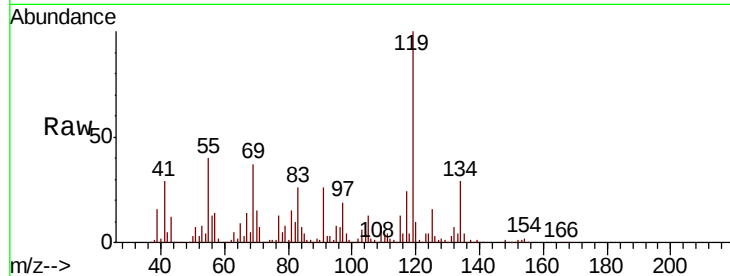




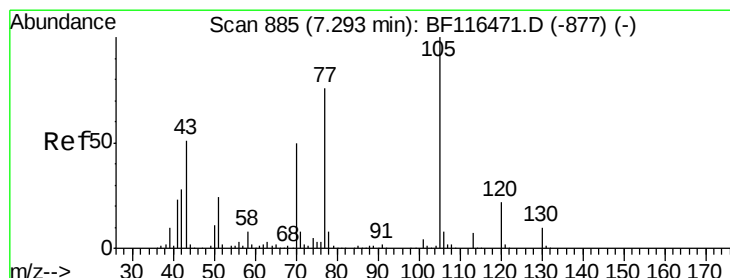
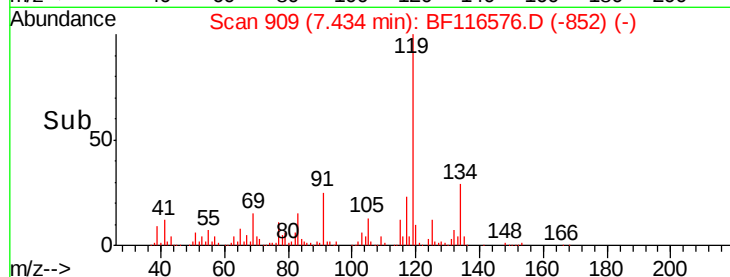
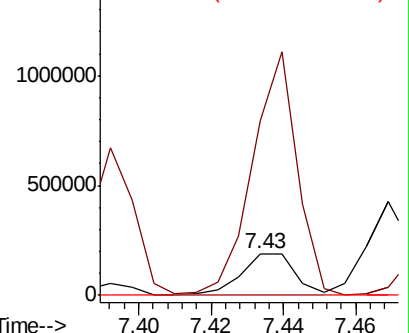
#18
Hexachloroethane
Concen: 63.322 ng
RT: 7.43 min Scan# 909
Delta R.T. 0.04 min
Lab File: BF116576.D
Acq: 26 Aug 2019 15:57

Instrument :
BNA_F
ClientSampleID :
GW-1DL

Tgt Ion: 117 Resp: 194632
Ion Ratio Lower Upper
117 100
119 418.1 77.0 115.6#
201 0.0 69.1 103.7#

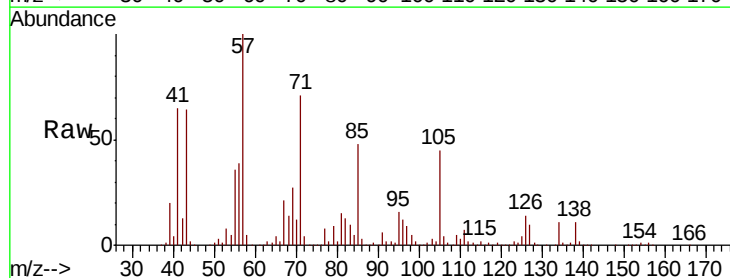


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

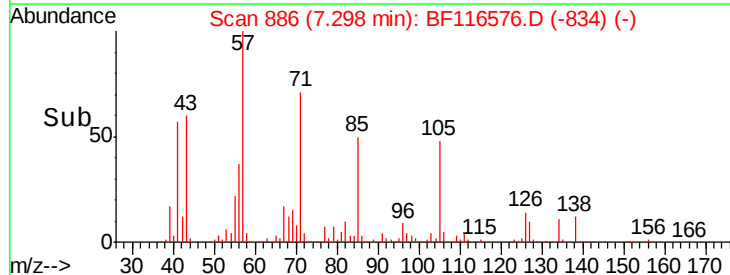
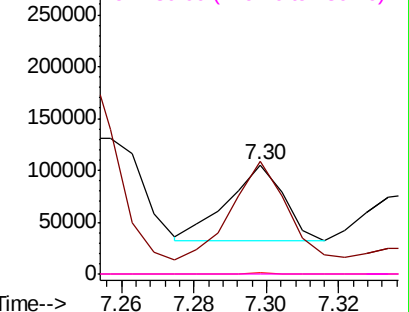


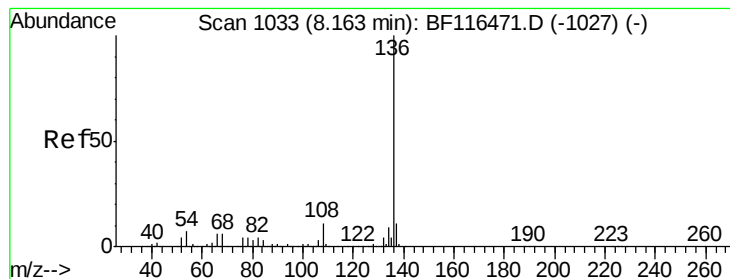
#19
n-Nitroso-di-n-propylamine
Concen: 12.783 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.01 min
Lab File: BF116576.D
Acq: 26 Aug 2019 15:57

Tgt Ion: 70 Resp: 77109
Ion Ratio Lower Upper
70 100
42 103.4 44.4 66.6#
101 0.7 7.1 10.7#
130 0.0 15.8 23.8#



Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.18 min Scan# 1036

Delta R.T. 0.02 min

Lab File: BF116576.D

Acq: 26 Aug 2019 15:57

Instrument :

BNA_F

ClientSampled :

GW-1DL

Tgt Ion:136 Resp: 365025

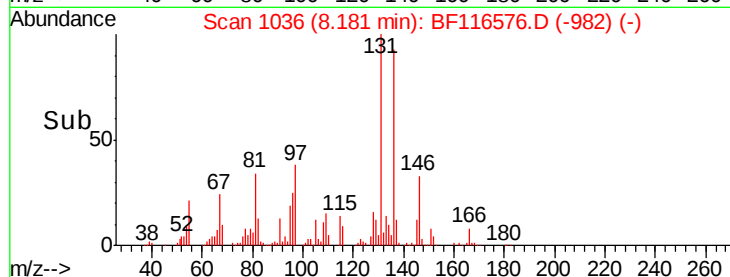
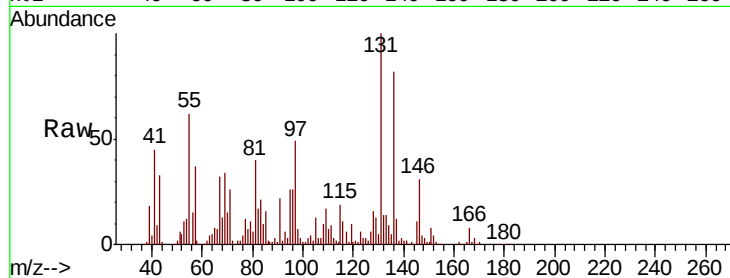
Ion Ratio Lower Upper

136 100

137 14.2 9.0 13.4#

54 14.2 5.8 8.6#

68 15.9 5.1 7.7#



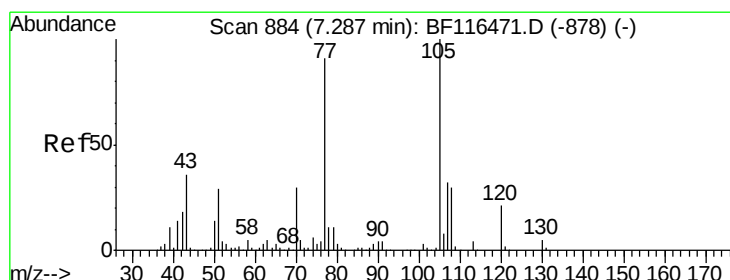
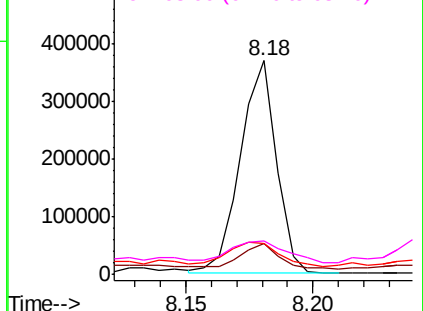
Abundance

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: 37.494 ng

RT: 7.30 min Scan# 886

Delta R.T. 0.01 min

Lab File: BF116576.D

Acq: 26 Aug 2019 15:57

Tgt Ion:105 Resp: 342230

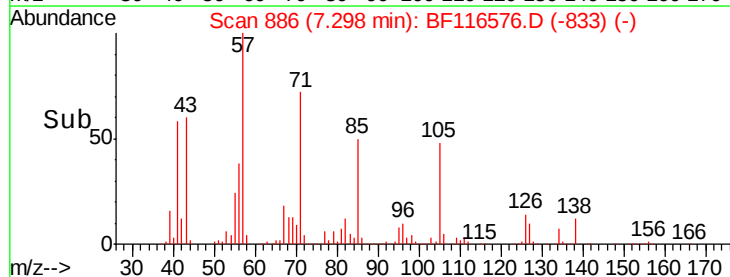
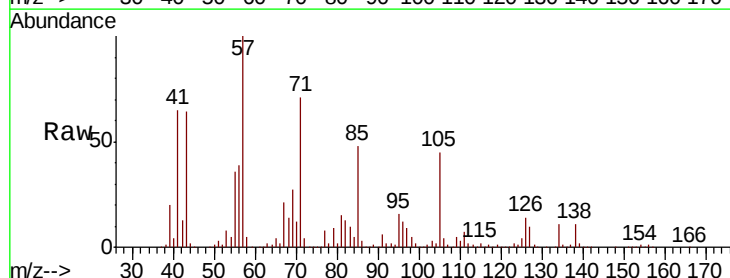
Ion Ratio Lower Upper

105 100

71 158.6 4.2 6.2#

51 7.4 23.0 34.4#

120 0.2 16.5 24.7#



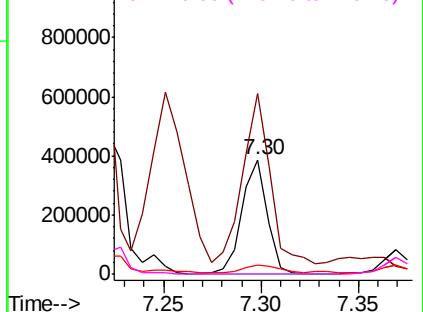
Abundance

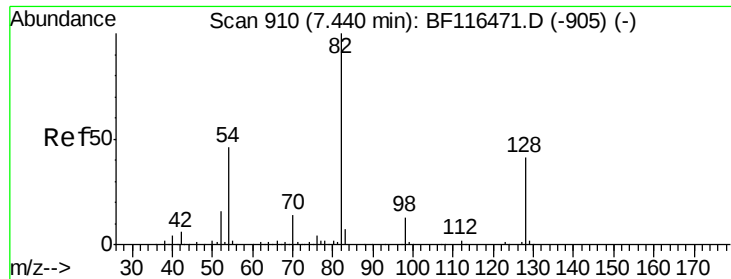
Ion 105.00 (104.70 to 105.70): E

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

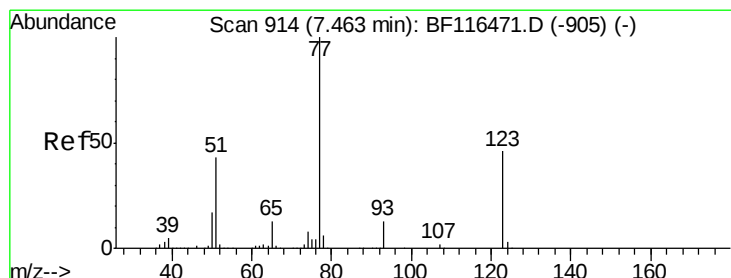
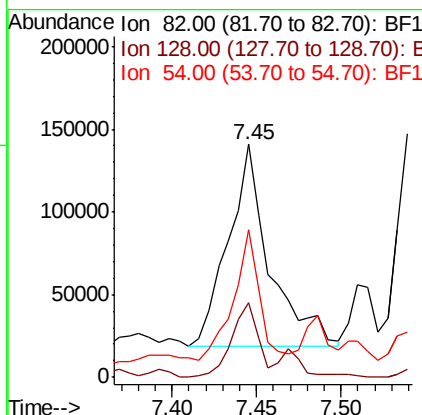
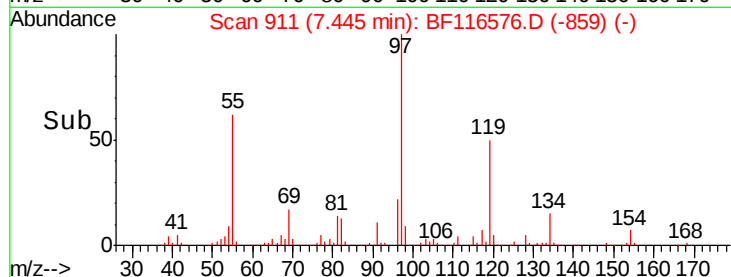
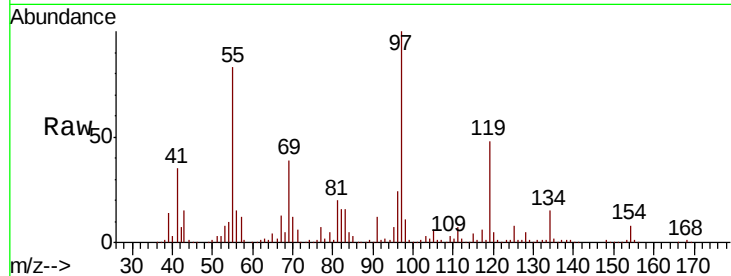




#23
 Nitrobenzene-d5
 Concen: 31.142 ng
 RT: 7.45 min Scan# 911
 Delta R.T. 0.01 min
 Lab File: BF116576.D
 Acq: 26 Aug 2019 15:57

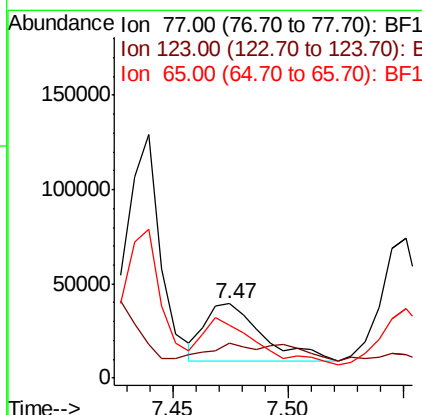
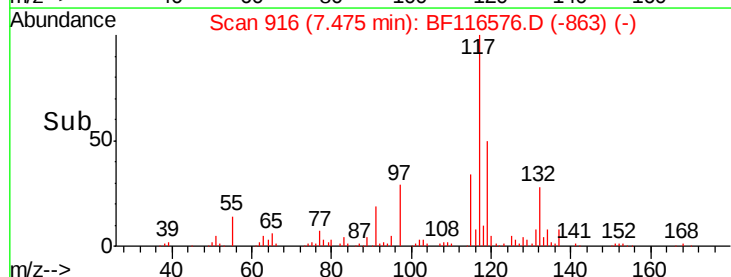
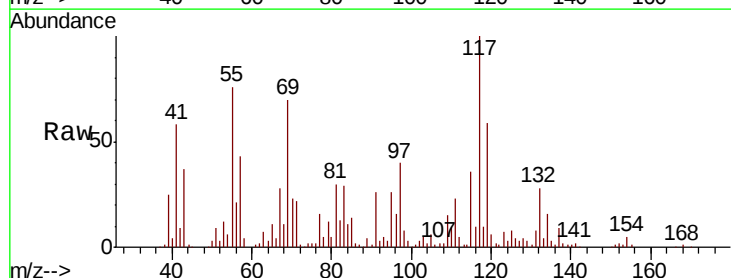
Instrument :
 BNA_F
 ClientSampleId :
 GW-1DL

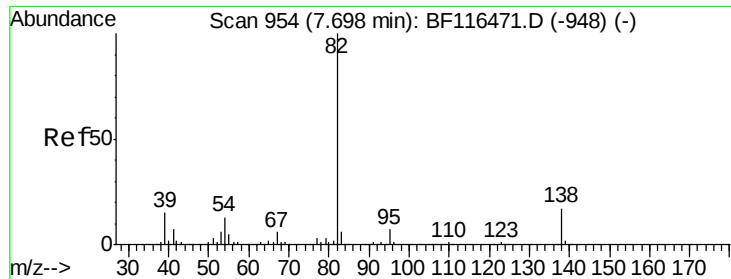
Tgt Ion	Ratio	Lower	Upper
82	100		
128	31.8	32.2	48.4#
54	63.3	36.5	54.7#



#24
 Nitrobenzene
 Concen: 7.677 ng
 RT: 7.47 min Scan# 916
 Delta R.T. 0.01 min
 Lab File: BF116576.D
 Acq: 26 Aug 2019 15:57

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.8	37.0	55.4
65	72.0	10.5	15.7#





#25

Isophorone

Concen: 9.984 ng

RT: 7.72 min Scan# 957

Delta R.T. 0.02 min

Lab File: BF116576.D

Acq: 26 Aug 2019 15:57

Instrument :

BNA_F

ClientSampleId :

GW-1DL

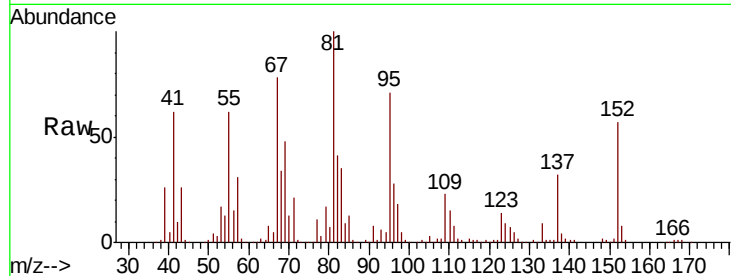
Tgt Ion: 82 Resp: 131276

Ion Ratio Lower Upper

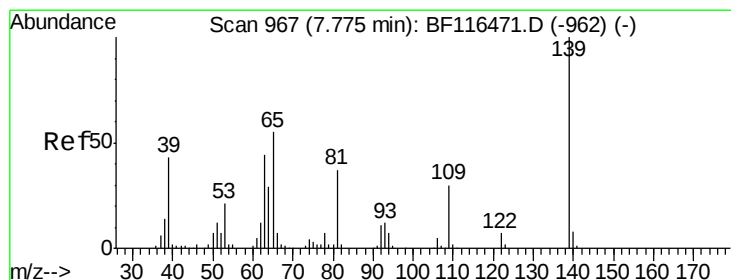
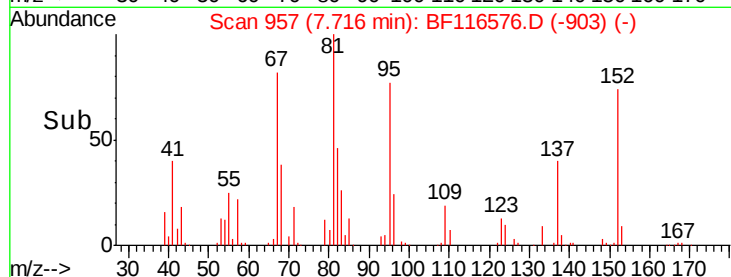
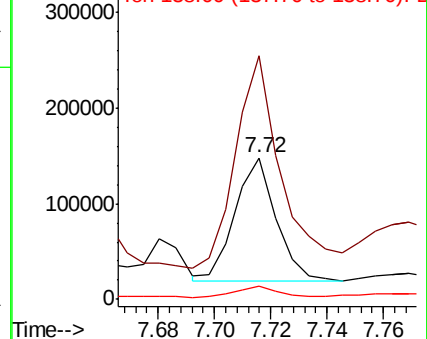
82 100

95 172.4 5.3 7.9#

138 9.7 13.3 19.9#



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): E



#26

2-Nitrophenol

Concen: 6.443 ng

RT: 7.81 min Scan# 973

Delta R.T. 0.04 min

Lab File: BF116576.D

Acq: 26 Aug 2019 15:57

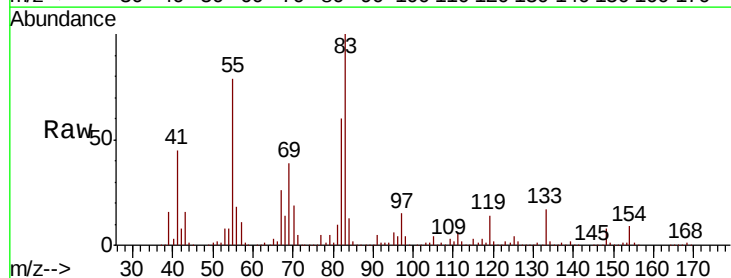
Tgt Ion: 139 Resp: 16261

Ion Ratio Lower Upper

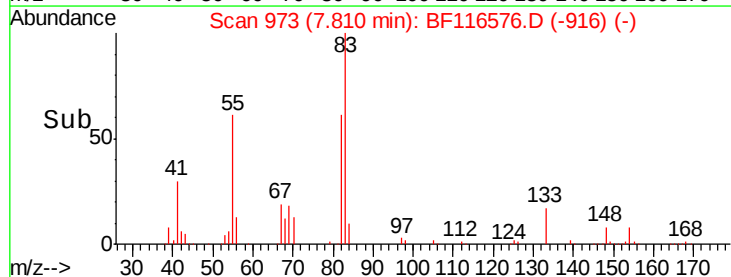
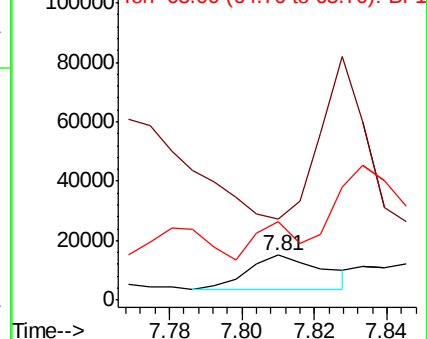
139 100

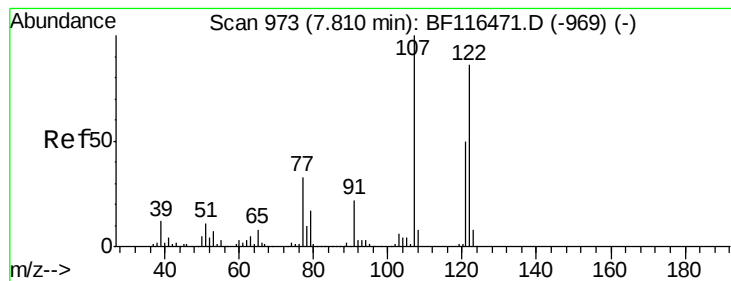
109 182.0 24.3 36.5#

65 175.4 44.0 66.0#



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: 3.693 ng

RT: 7.85 min Scan# 979

Delta R.T. 0.04 min

Lab File: BF116576.D

Acq: 26 Aug 2019 15:57

Instrument :

BNA_F

ClientSampleId :

GW-1DL

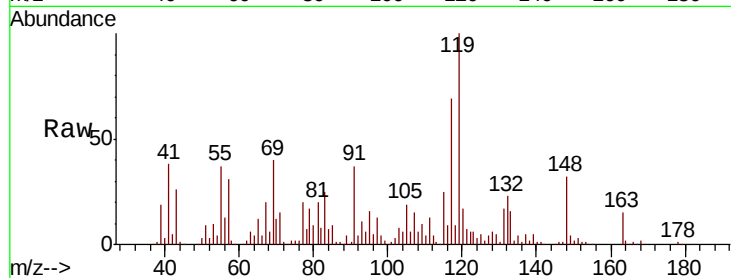
Tgt Ion:122 Resp: 19448

Ion Ratio Lower Upper

122 100

107 257.5 92.4 138.6#

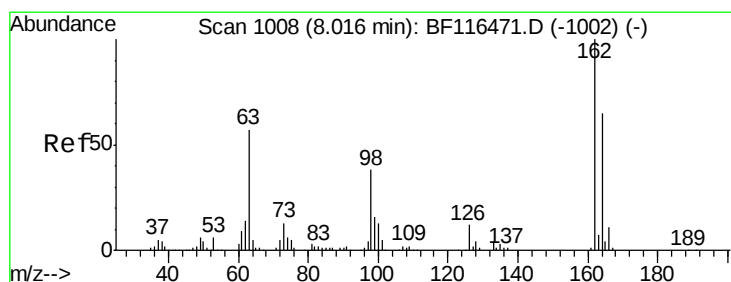
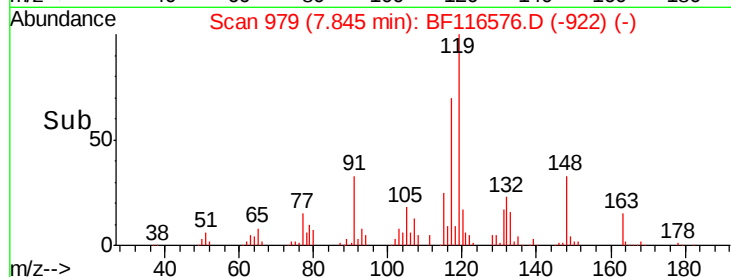
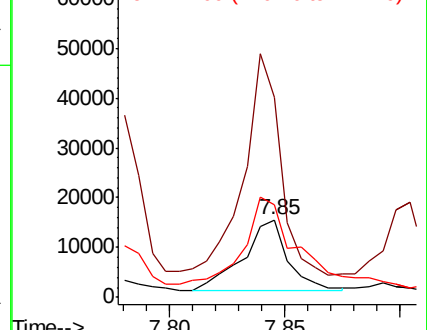
121 119.2 46.2 69.4#



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



#29

2,4-Dichlorophenol

Concen: 2.886 ng

RT: 8.02 min Scan# 1009

Delta R.T. 0.01 min

Lab File: BF116576.D

Acq: 26 Aug 2019 15:57

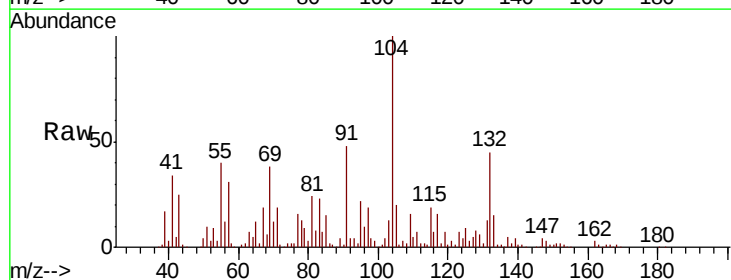
Tgt Ion:162 Resp: 14455

Ion Ratio Lower Upper

162 100

164 10.5 44.9 84.9#

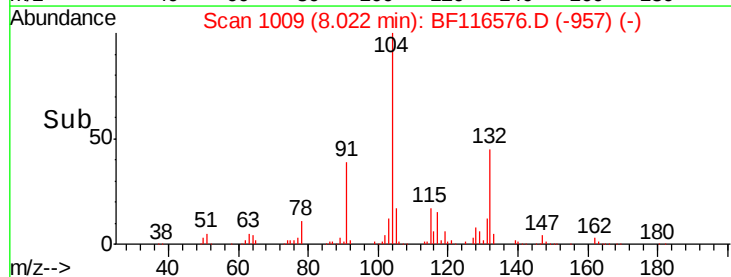
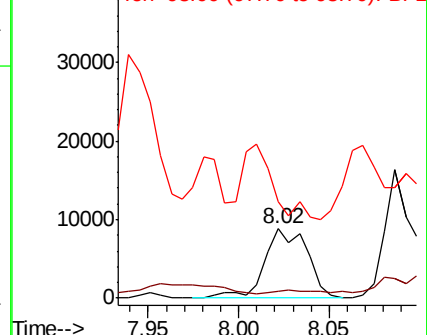
98 139.1 17.9 57.9#

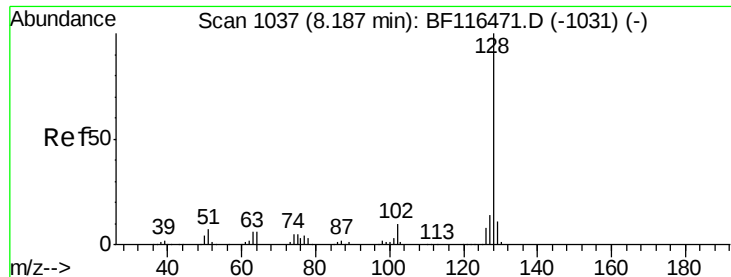


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1

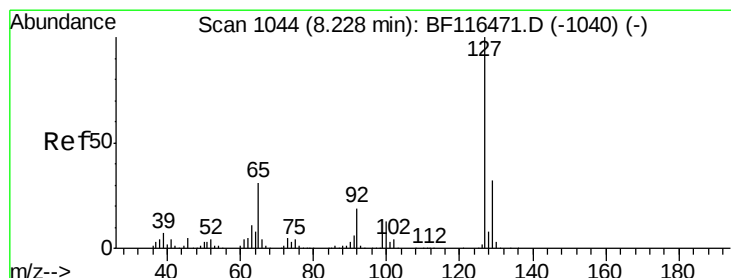
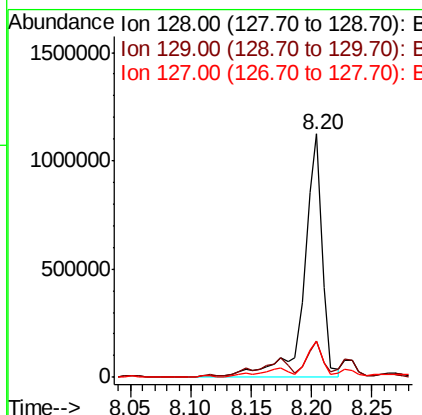
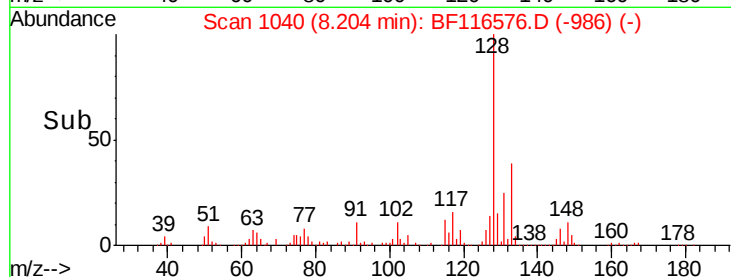
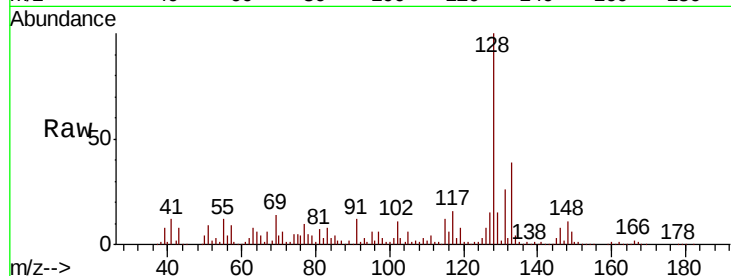




#31
Naphthalene
Concen: 66.622 ng
RT: 8.20 min Scan# 1040
Delta R.T. 0.02 min
Lab File: BF116576.D
Acq: 26 Aug 2019 15:57

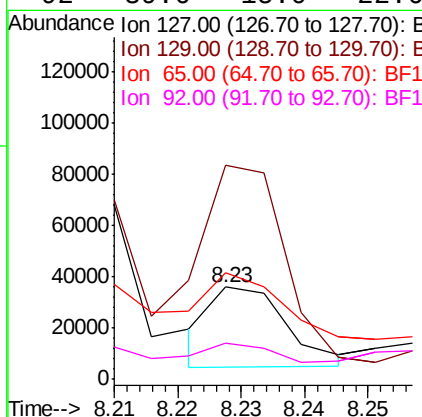
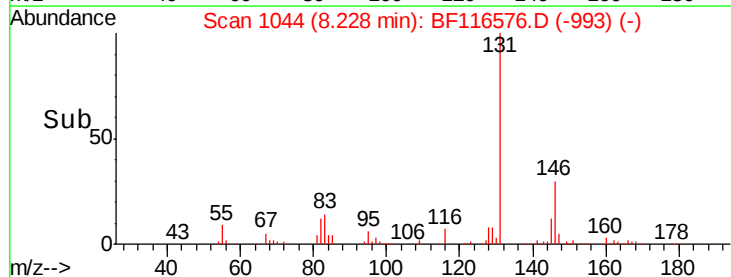
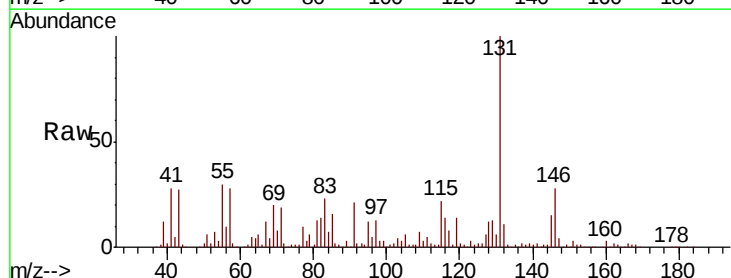
Instrument :
BNA_F
ClientSampleId :
GW-1DL

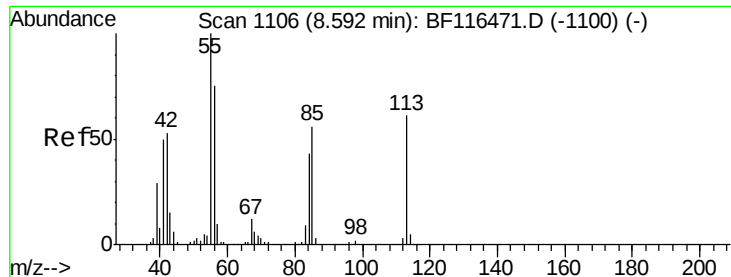
Tgt Ion:128 Resp: 1176434
Ion Ratio Lower Upper
128 100
129 14.8 9.0 13.6#
127 14.7 10.9 16.3



#33
4-Chloroaniline
Concen: 3.359 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.00 min
Lab File: BF116576.D
Acq: 26 Aug 2019 15:57

Tgt Ion:127 Resp: 26038
Ion Ratio Lower Upper
127 100
129 232.3 25.7 38.5#
65 115.5 25.0 37.6#
92 39.6 15.0 22.6#





#35

Caprolactam

Concen: 102.517 ng

RT: 8.62 min Scan# 1111

Delta R.T. 0.03 min

Lab File: BF116576.D

Acq: 26 Aug 2019 15:57

Instrument :

BNA_F

ClientSampleId :

GW-1DL

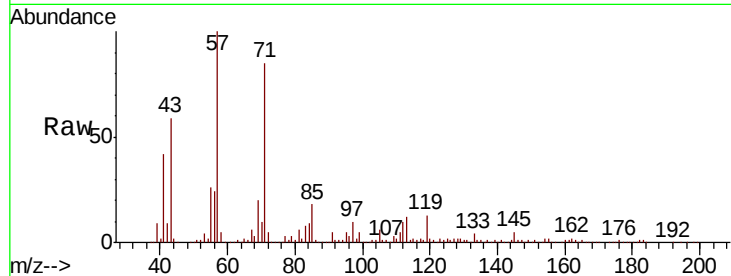
Tgt Ion:113 Resp: 178835

Ion Ratio Lower Upper

113 100

55 221.0 143.6 183.6#

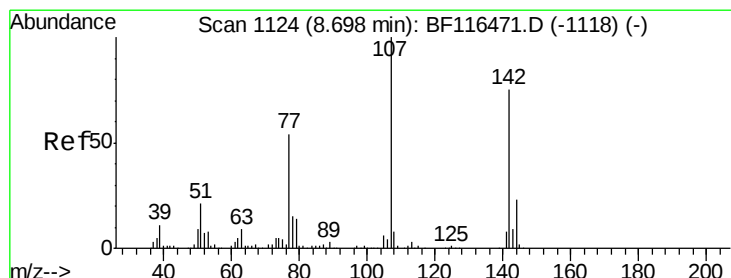
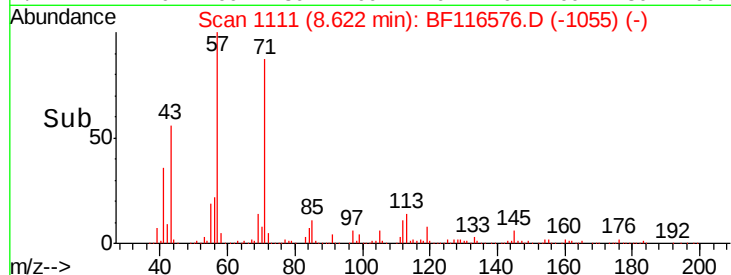
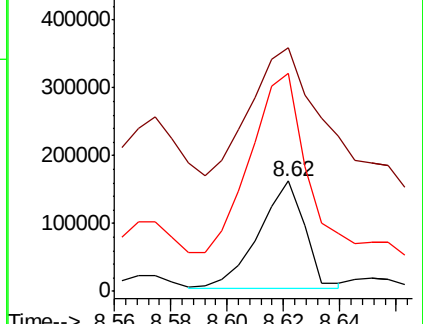
56 198.0 102.3 142.3#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 4.970 ng

RT: 8.72 min Scan# 1127

Delta R.T. 0.02 min

Lab File: BF116576.D

Acq: 26 Aug 2019 15:57

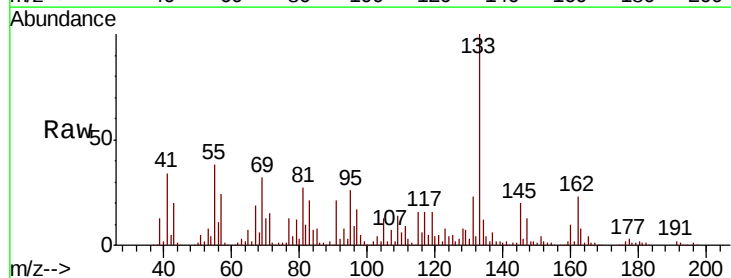
Tgt Ion:107 Resp: 28082

Ion Ratio Lower Upper

107 100

144 12.4 18.8 28.2#

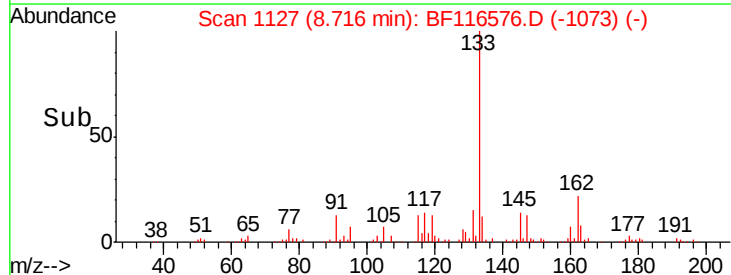
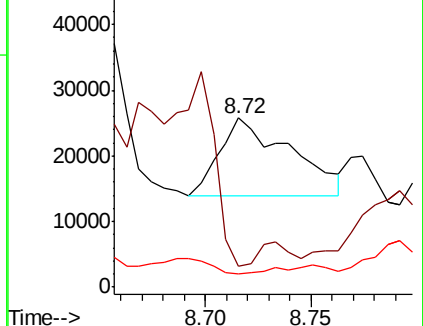
142 7.5 59.8 89.6#

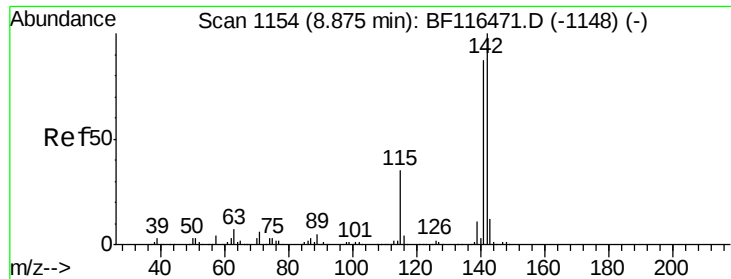


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

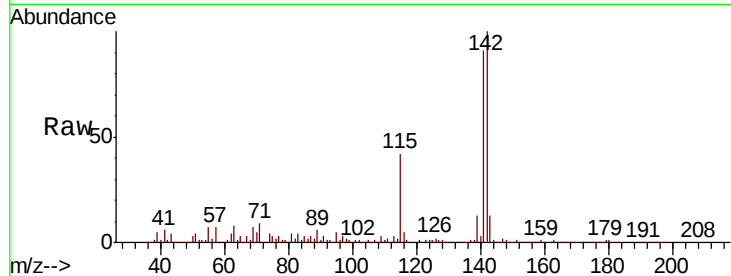




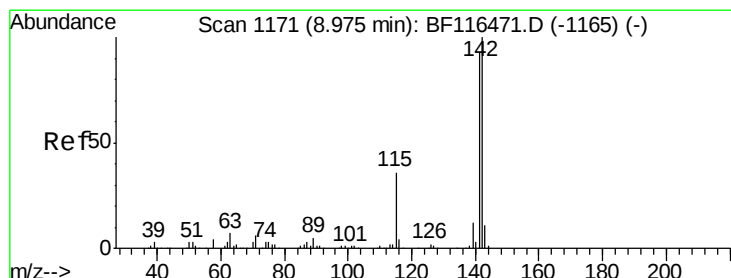
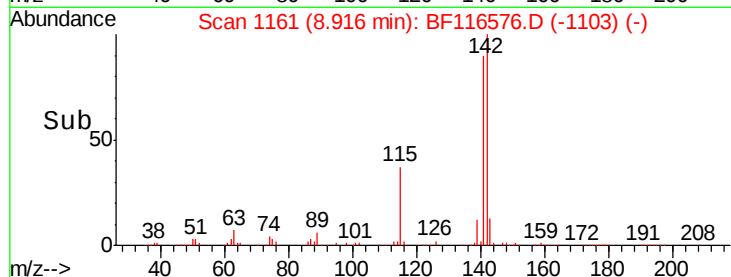
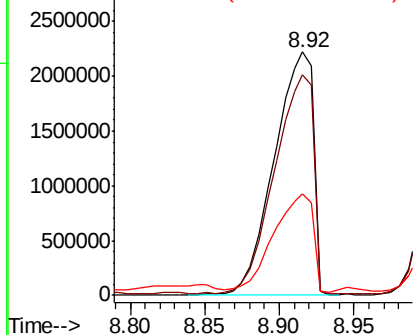
#37
 2-Methylnaphthalene
 Concen: 334.538 ng
 RT: 8.92 min Scan# 1161
 Delta R.T. 0.04 min
 Lab File: BF116576.D
 Acq: 26 Aug 2019 15:57

Instrument :
 BNA_F
 ClientSampled :
 GW-1DL

Tgt Ion:142 Resp: 4056069
 Ion Ratio Lower Upper
 142 100
 141 90.8 69.8 104.6
 115 41.6 27.7 41.5#

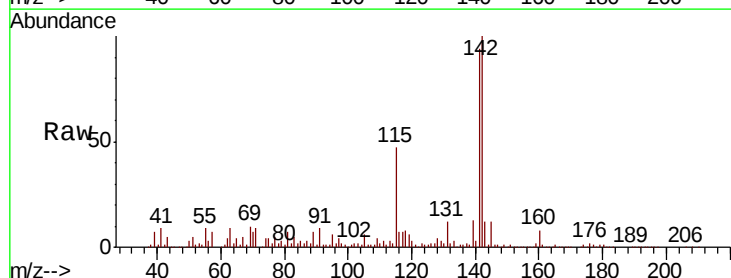


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

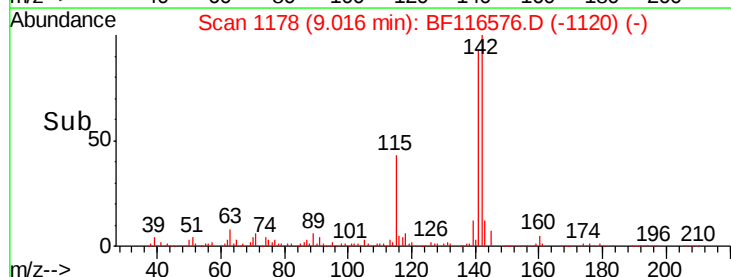
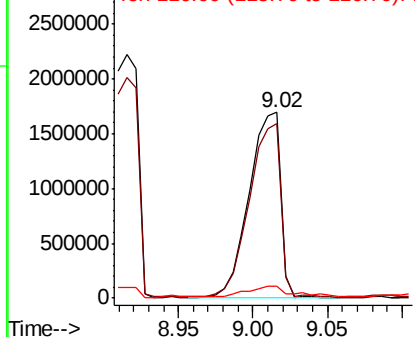


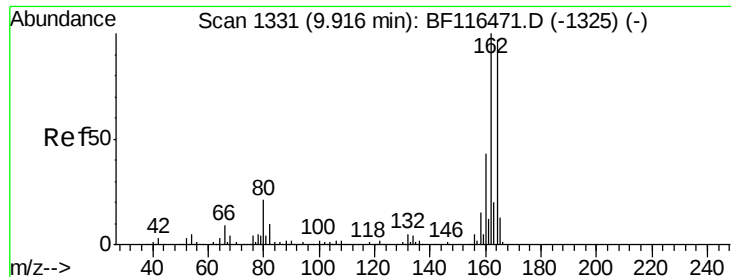
#38
 1-Methylnaphthalene
 Concen: 216.531 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. 0.04 min
 Lab File: BF116576.D
 Acq: 26 Aug 2019 15:57

Tgt Ion:142 Resp: 2452393
 Ion Ratio Lower Upper
 142 100
 141 93.8 74.2 111.2
 116 6.5 2.9 4.3#



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

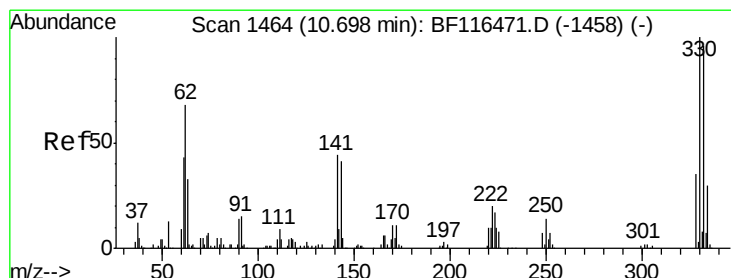
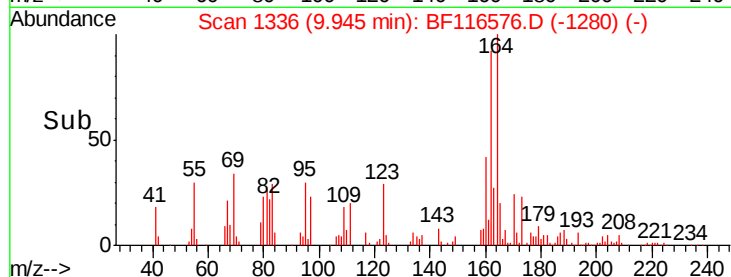
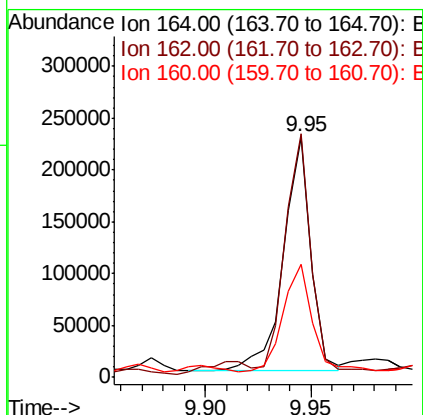
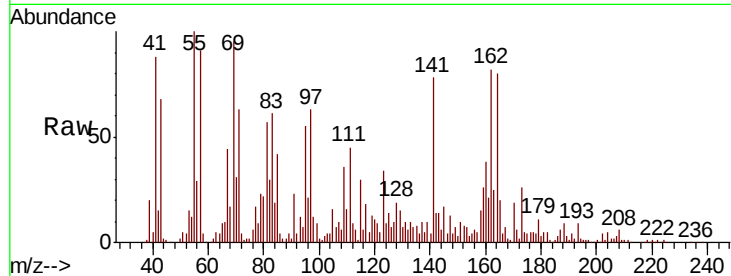




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.95 min Scan# 1336
 Delta R.T. 0.03 min
 Lab File: BF116576.D
 Acq: 26 Aug 2019 15:57

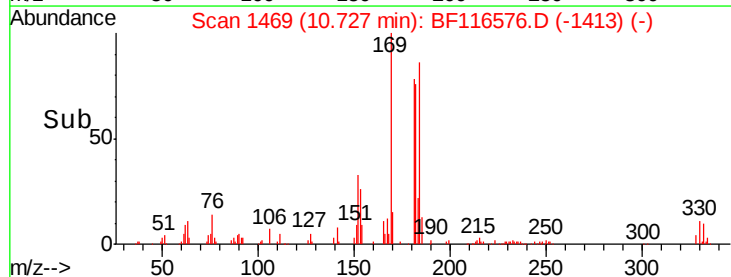
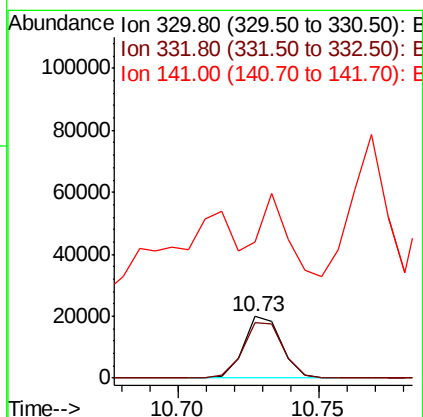
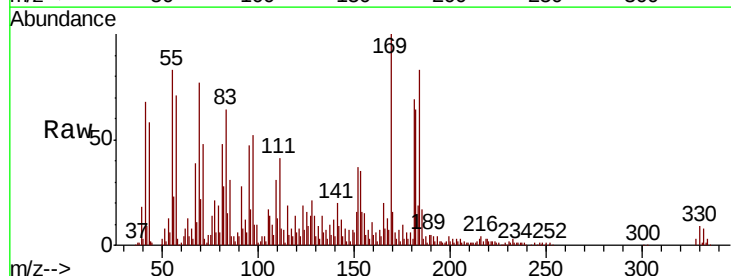
Instrument :
 BNA_F
 ClientSampleId :
 GW-1DL

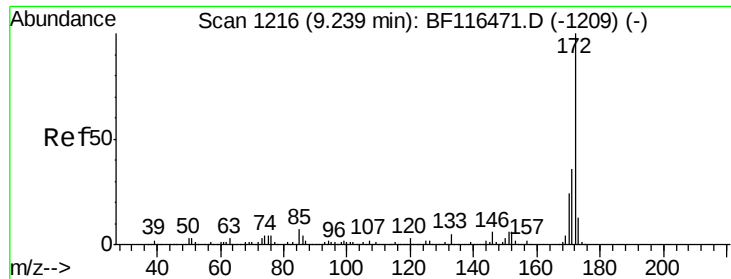
Tgt Ion:164 Resp: 203852
 Ion Ratio Lower Upper
 164 100
 162 101.5 82.6 123.8
 160 47.3 35.8 53.8



#42
 2,4,6-Tribromophenol
 Concen: 10.527 ng
 RT: 10.73 min Scan# 1469
 Delta R.T. 0.03 min
 Lab File: BF116576.D
 Acq: 26 Aug 2019 15:57

Tgt Ion:330 Resp: 18427
 Ion Ratio Lower Upper
 330 100
 332 94.8 77.2 115.8
 141 99.0 33.3 49.9#

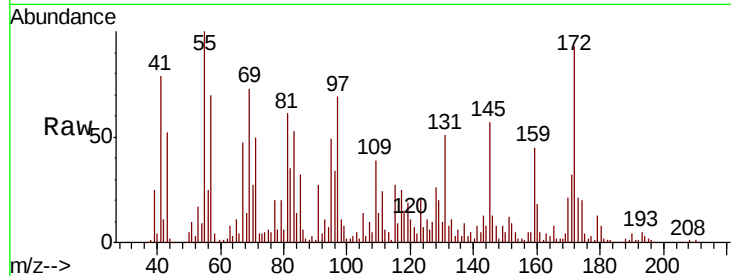




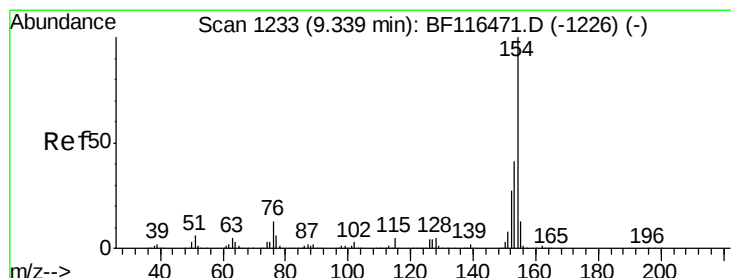
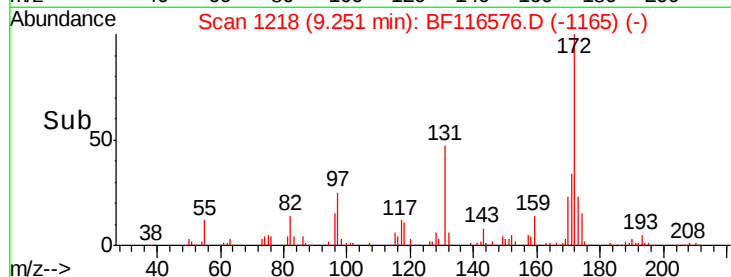
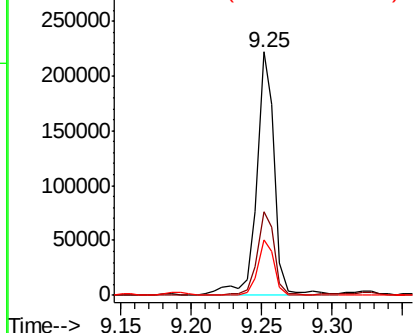
#45
 2-Fluorobiphenyl
 Concen: 15.490 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. 0.01 min
 Lab File: BF116576.D
 Acq: 26 Aug 2019 15:57

Instrument :
 BNA_F
 ClientSampleId :
 GW-1DL

Tgt Ion:172 Resp: 196079
 Ion Ratio Lower Upper
 172 100
 171 34.5 28.9 43.3
 170 22.7 19.4 29.0

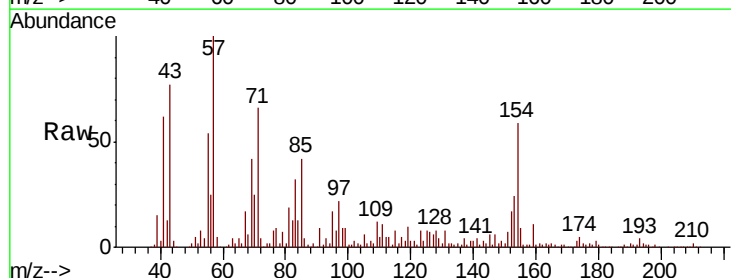


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

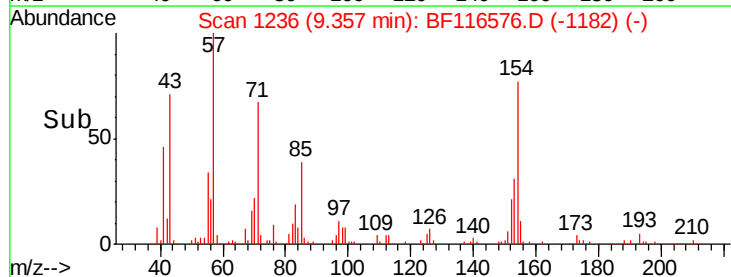
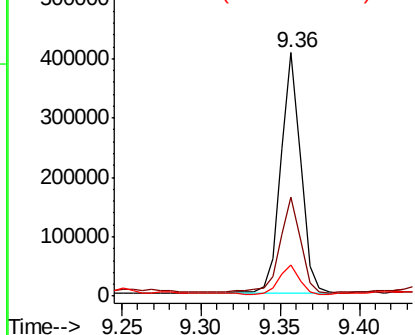


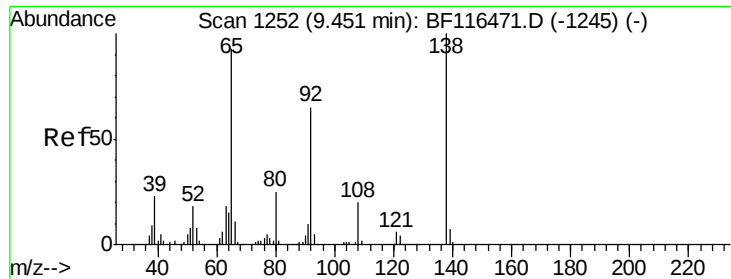
#46
 1,1'-Biphenyl
 Concen: 21.903 ng
 RT: 9.36 min Scan# 1236
 Delta R.T. 0.02 min
 Lab File: BF116576.D
 Acq: 26 Aug 2019 15:57

Tgt Ion:154 Resp: 356986
 Ion Ratio Lower Upper
 154 100
 153 40.6 21.3 61.3
 76 12.9 0.0 32.9



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

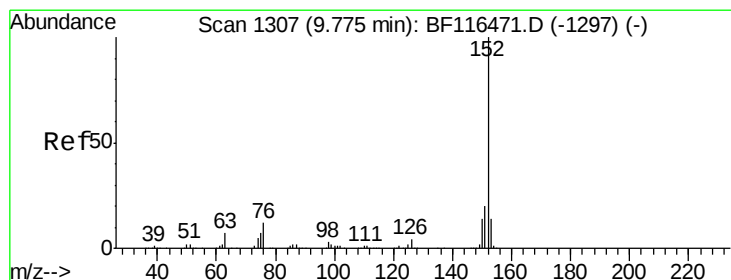
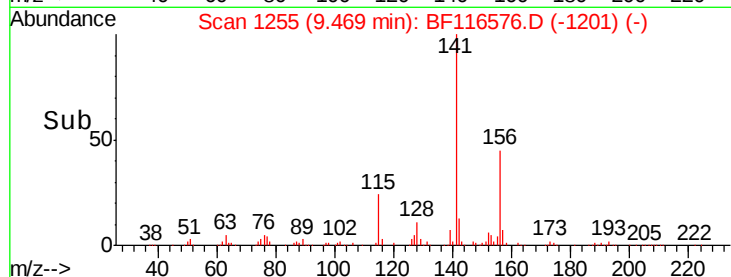
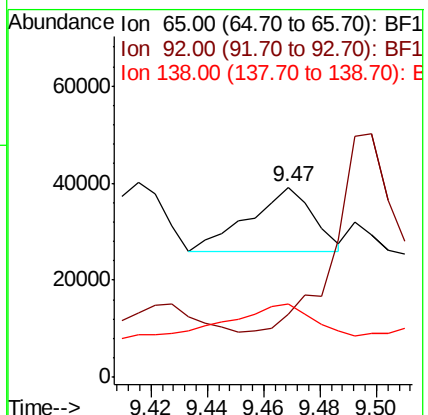
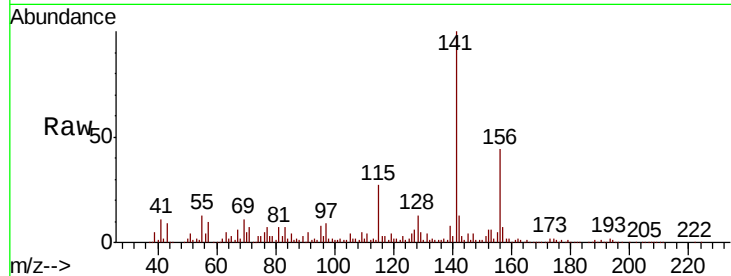




#48
2-Nitroaniline
Concen: 5.276 ng
RT: 9.47 min Scan# 1255
Delta R.T. 0.02 min
Lab File: BF116576.D
Acq: 26 Aug 2019 15:57

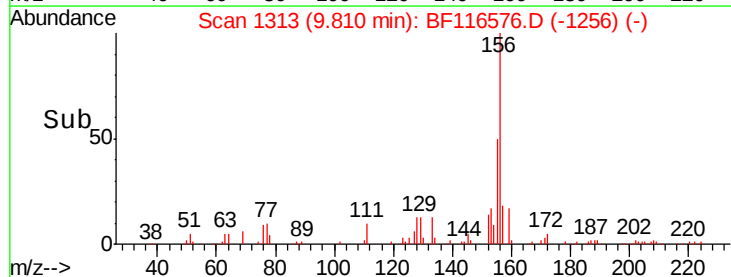
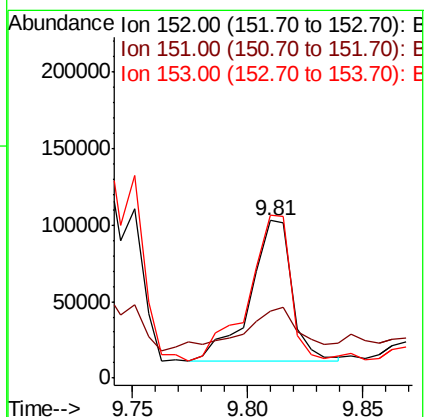
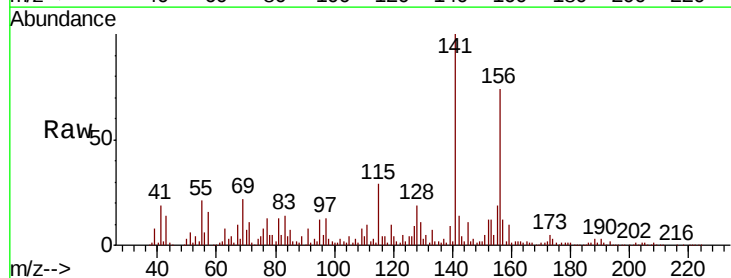
Instrument :
BNA_F
ClientSampleId :
GW-1DL

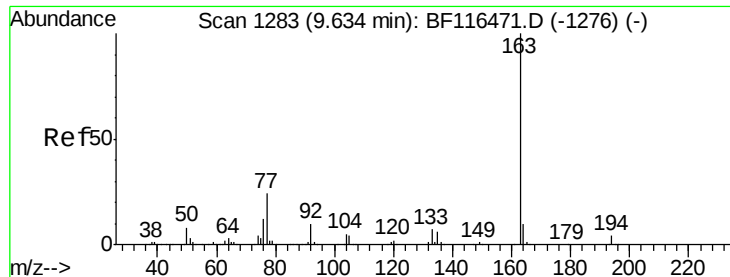
Tgt Ion: 65 Resp: 20411
Ion Ratio Lower Upper
65 100
92 33.3 56.2 84.2#
138 38.5 86.0 129.0#



#49
Acenaphthylene
Concen: 6.344 ng
RT: 9.81 min Scan# 1313
Delta R.T. 0.04 min
Lab File: BF116576.D
Acq: 26 Aug 2019 15:57

Tgt Ion: 152 Resp: 117275
Ion Ratio Lower Upper
152 100
151 42.8 16.1 24.1#
153 103.5 11.4 17.0#

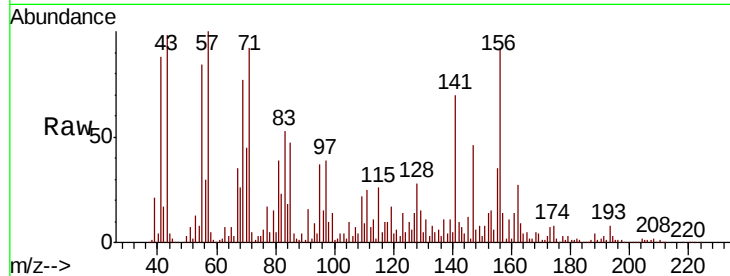




#50
Dimethylphthalate
Concen: 3.205 ng
RT: 9.66 min Scan# 1288
Delta R.T. 0.03 min
Lab File: BF116576.D
Acq: 26 Aug 2019 15:57

Instrument :
BNA_F
ClientSampleId :
GW-1DL

Tgt Ion	Ratio	Lower	Upper
163	100		
194	38.1	2.9	4.3#
164	42.8	8.2	12.2#

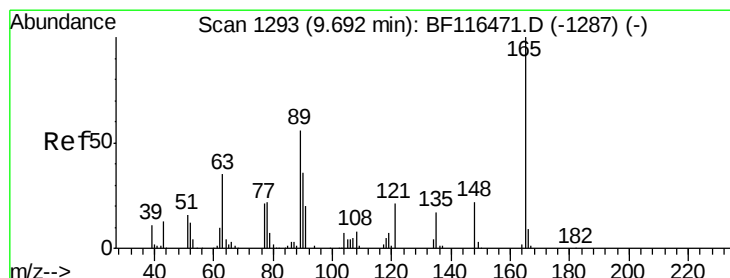
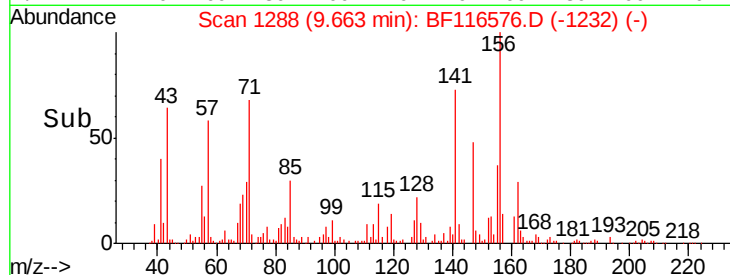
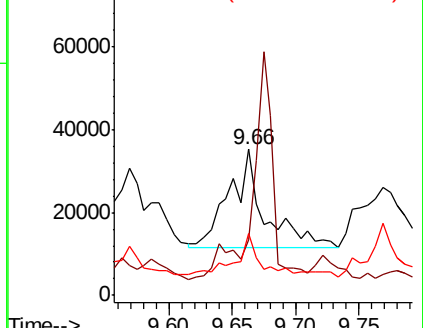


Abundance

Ion 163.00 (162.70 to 163.70): E

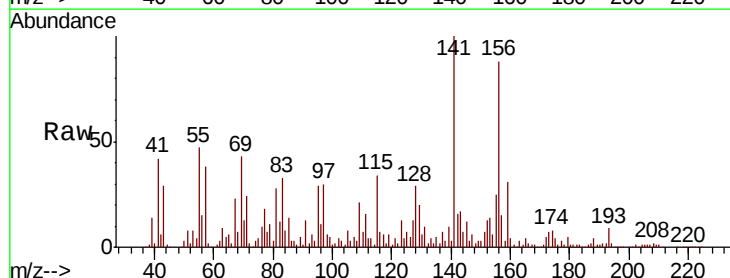
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#51
2,6-Dinitrotoluene
Concen: 2.538 ng
RT: 9.72 min Scan# 1298
Delta R.T. 0.03 min
Lab File: BF116576.D
Acq: 26 Aug 2019 15:57

Tgt Ion	Ratio	Lower	Upper
165	100		
63	207.6	43.7	65.5#
89	106.0	45.1	67.7#

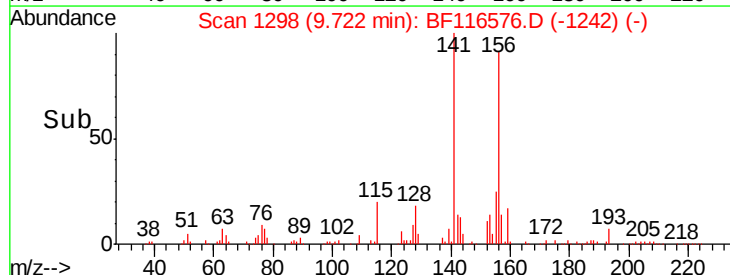
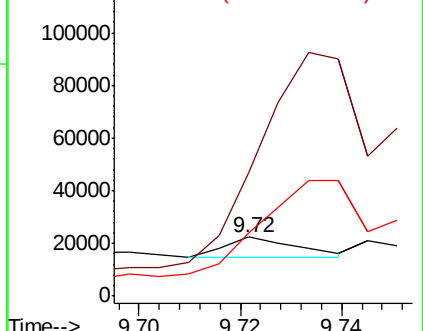


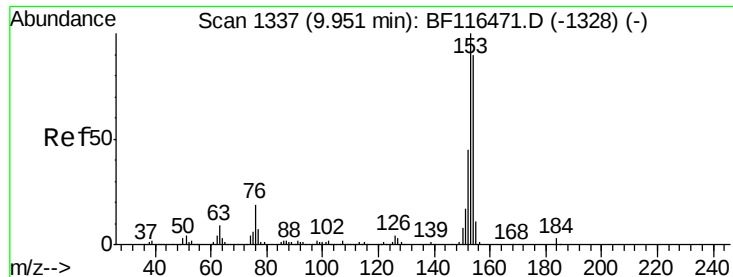
Abundance

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: 20.296 ng

RT: 9.97 min Scan# 1341

Delta R.T. 0.02 min

Lab File: BF116576.D

Acq: 26 Aug 2019 15:57

Instrument :

BNA_F

ClientSampleId :

GW-1DL

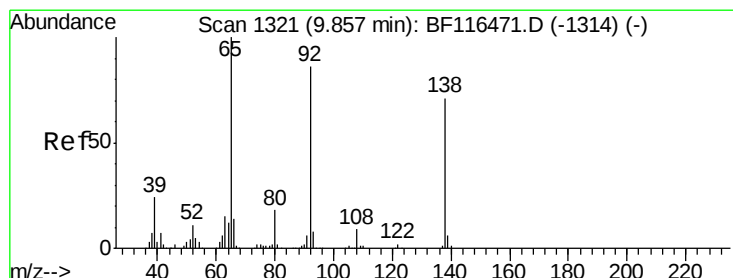
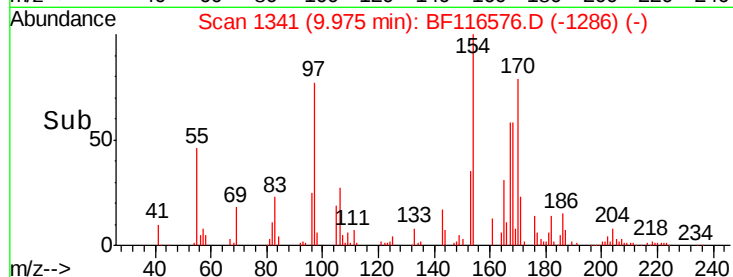
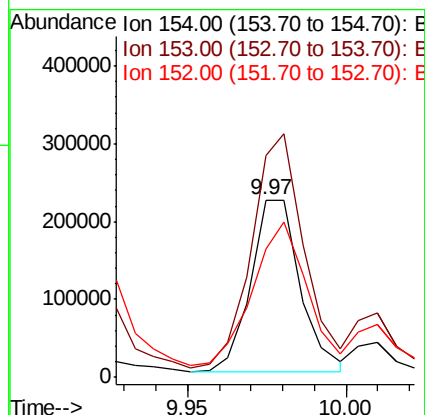
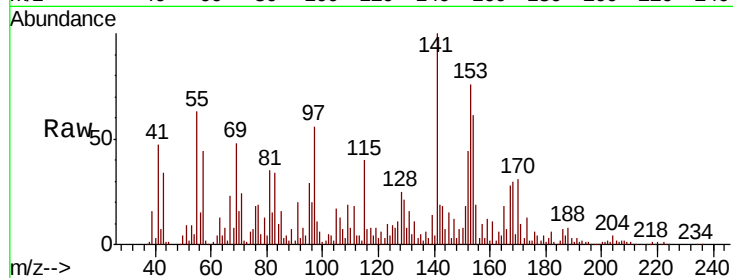
Tgt Ion:154 Resp: 240755

Ion Ratio Lower Upper

154 100

153 124.9 89.3 133.9

152 72.2 40.2 60.4#



#53

3-Nitroaniline

Concen: 4.009 ng

RT: 9.87 min Scan# 1323

Delta R.T. 0.01 min

Lab File: BF116576.D

Acq: 26 Aug 2019 15:57

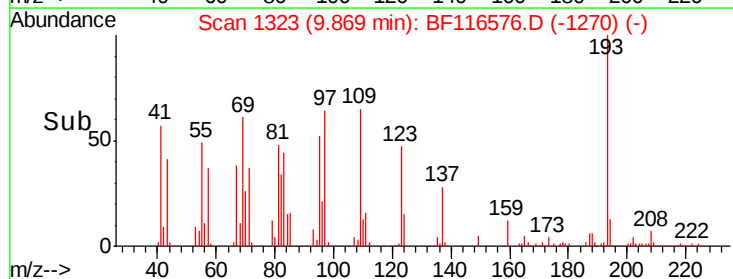
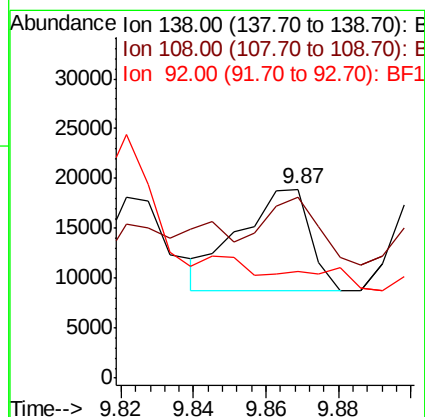
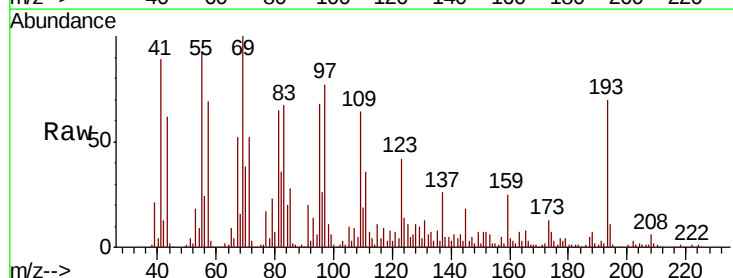
Tgt Ion:138 Resp: 13911

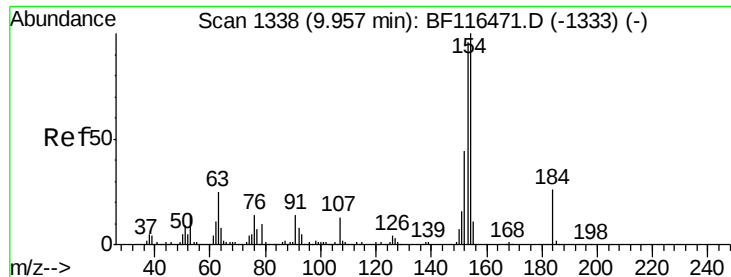
Ion Ratio Lower Upper

138 100

108 96.0 10.0 15.0#

92 56.4 97.7 146.5#





#54

2,4-Dinitrophenol

Concen: 9.305 ng

RT: 9.99 min Scan# 1344

Delta R.T. 0.04 min

Lab File: BF116576.D

Acq: 26 Aug 2019 15:57

Instrument :

BNA_F

ClientSampleId :

GW-1DL

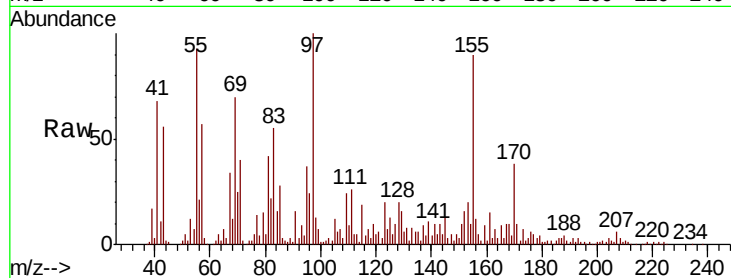
Tgt Ion:184 Resp: 1126

Ion Ratio Lower Upper

184 100

63 1182.6 78.2 117.4#

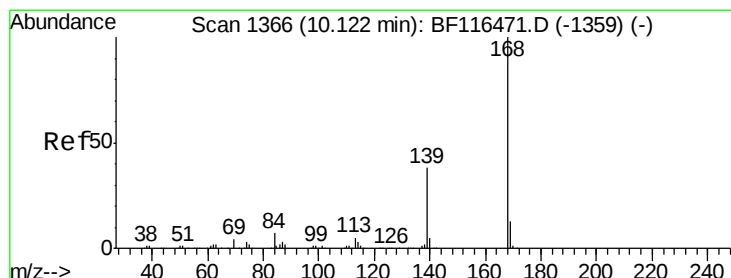
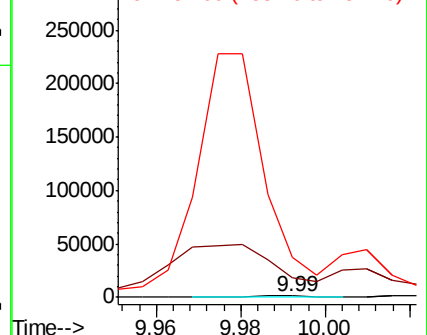
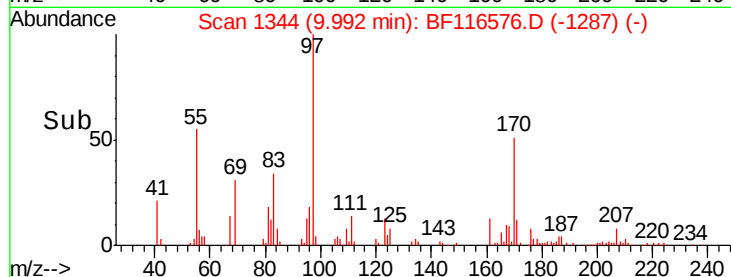
154 2456.7 320.4 480.6#



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: 13.159 ng

RT: 10.15 min Scan# 1371

Delta R.T. 0.03 min

Lab File: BF116576.D

Acq: 26 Aug 2019 15:57

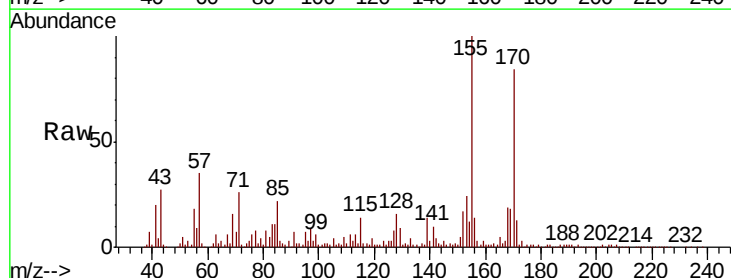
Tgt Ion:168 Resp: 217585

Ion Ratio Lower Upper

168 100

139 71.2 30.7 46.1#

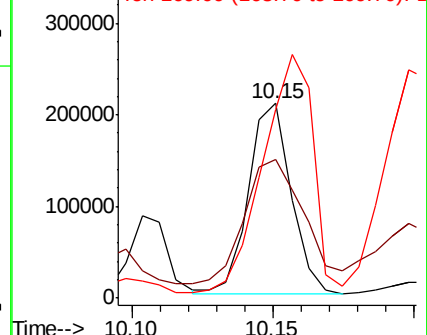
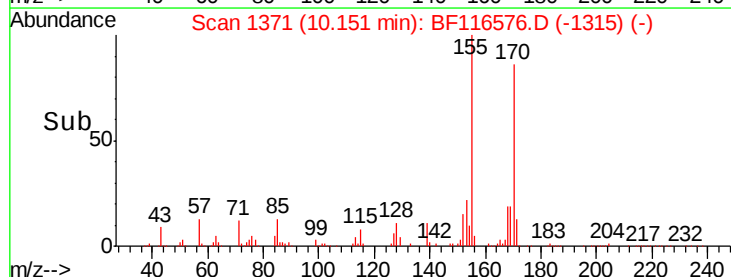
169 96.6 10.7 16.1#

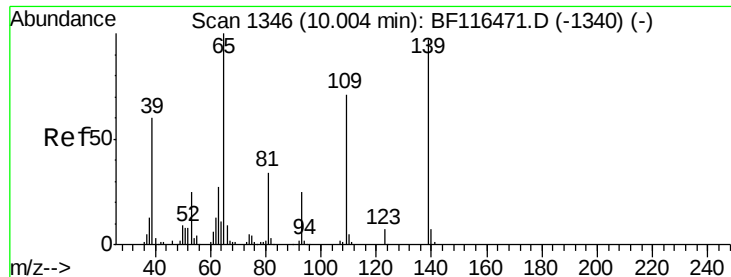


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#56

4-Nitrophenol

Concen: 64.319 ng

RT: 10.06 min Scan# 1355

Delta R.T. 0.05 min

Lab File: BF116576.D

Acq: 26 Aug 2019 15:57

Instrument :

BNA_F

ClientSampleId :

GW-1DL

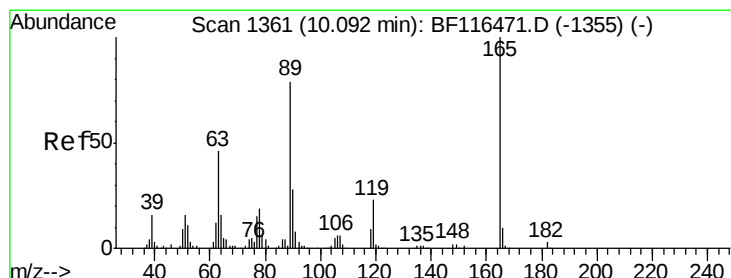
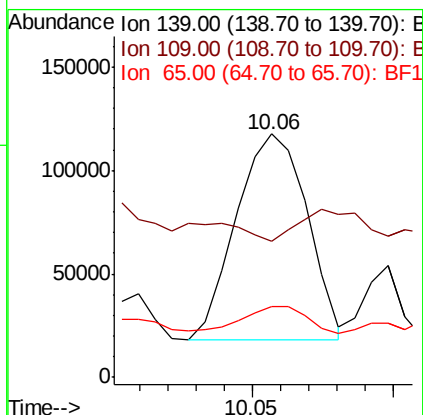
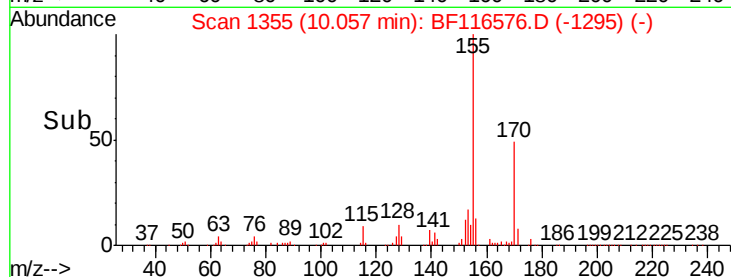
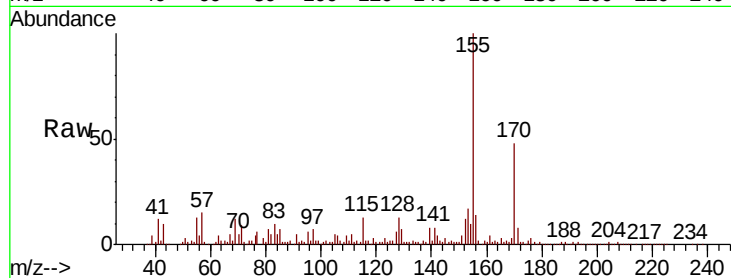
Tgt Ion:139 Resp: 173481

Ion Ratio Lower Upper

139 100

109 55.7 53.4 93.4

65 29.1 83.0 123.0#



#57

2,4-Dinitrotoluene

Concen: 9.312 ng

RT: 10.10 min Scan# 1363

Delta R.T. 0.01 min

Lab File: BF116576.D

Acq: 26 Aug 2019 15:57

Tgt Ion:165 Resp: 34494

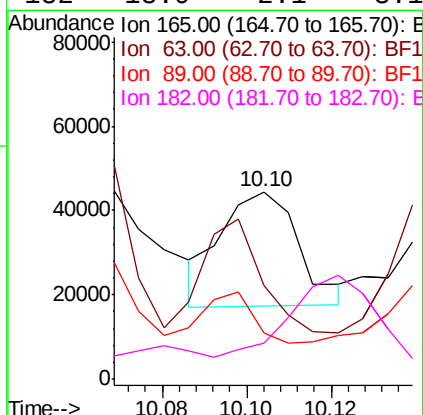
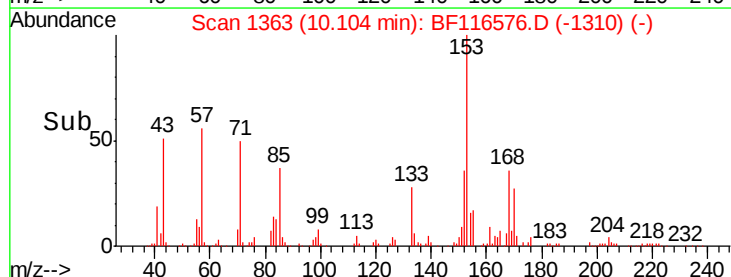
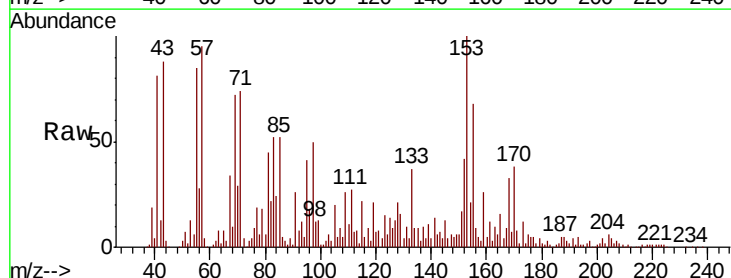
Ion Ratio Lower Upper

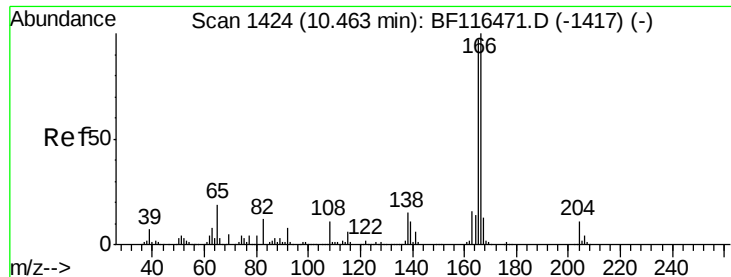
165 100

63 49.9 36.9 55.3

89 24.8 63.4 95.0#

182 18.9 2.1 3.1#

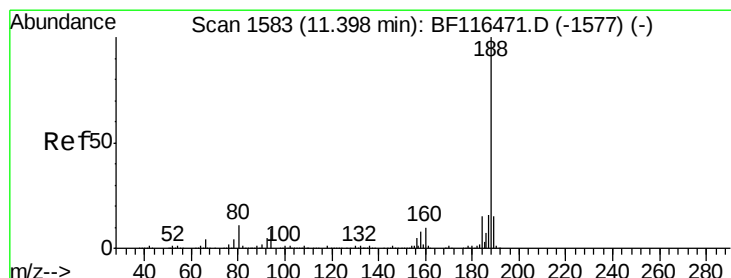
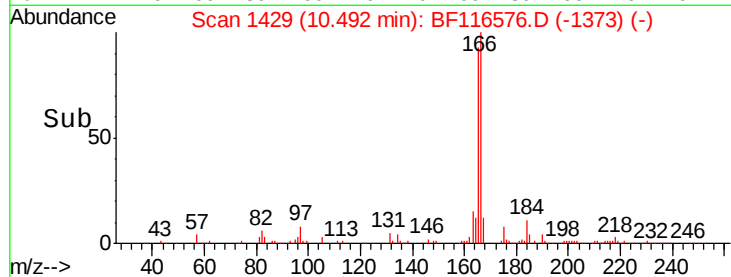
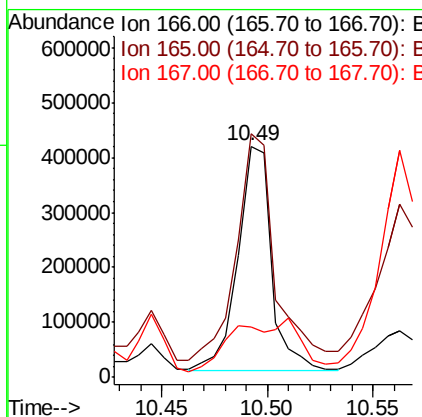
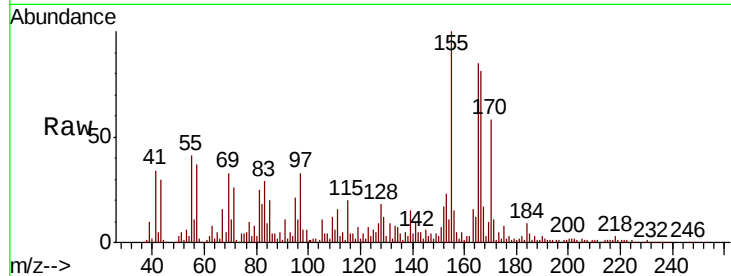




#58
 Fluorene
 Concen: 35.170 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. 0.03 min
 Lab File: BF116576.D
 Acq: 26 Aug 2019 15:57

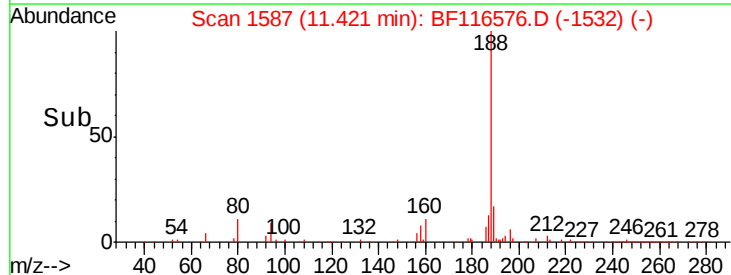
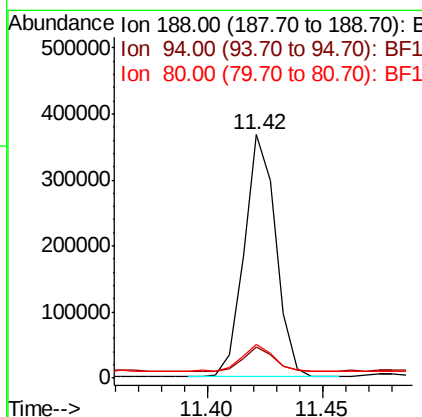
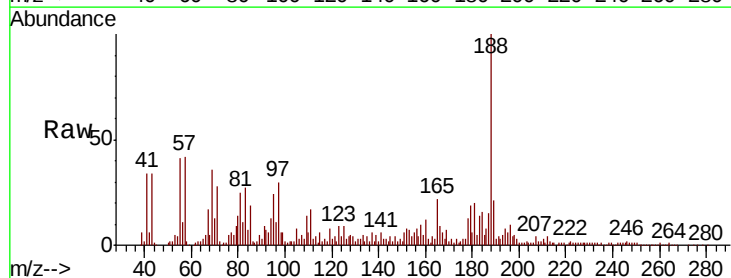
Instrument :
 BNA_F
 ClientSampleId :
 GW-1DL

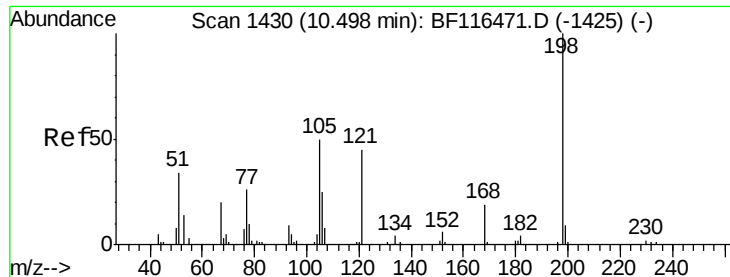
Tgt Ion:166 Resp: 451827
 Ion Ratio Lower Upper
 166 100
 165 105.4 77.4 116.0
 167 21.6 10.8 16.2#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. 0.02 min
 Lab File: BF116576.D
 Acq: 26 Aug 2019 15:57

Tgt Ion:188 Resp: 349774
 Ion Ratio Lower Upper
 188 100
 94 12.6 7.4 11.2#
 80 13.9 8.6 12.8#





#65

4,6-Dinitro-2-methylphenol

Concen: 8.124 ng

RT: 10.52 min Scan# 1433

Delta R.T. 0.02 min

Lab File: BF116576.D

Acq: 26 Aug 2019 15:57

Instrument :

BNA_F

ClientSampleId :

GW-1DL

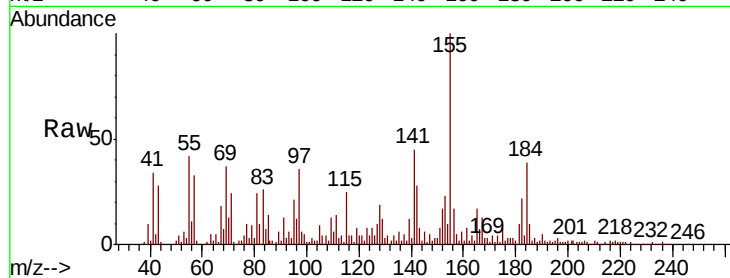
Tgt Ion:198 Resp: 1878

Ion Ratio Lower Upper

198 100

51 584.3 30.4 70.4#

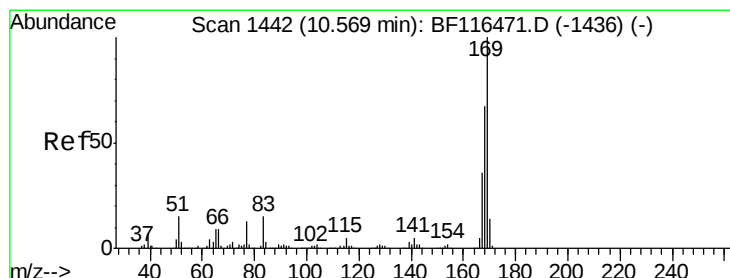
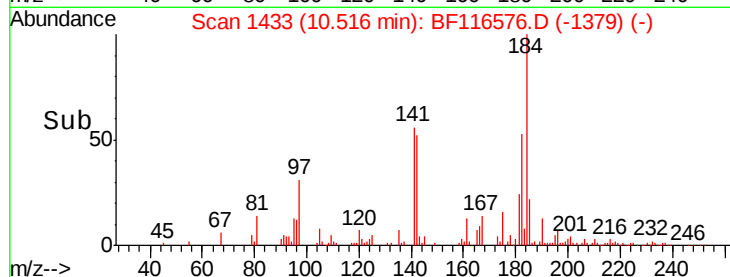
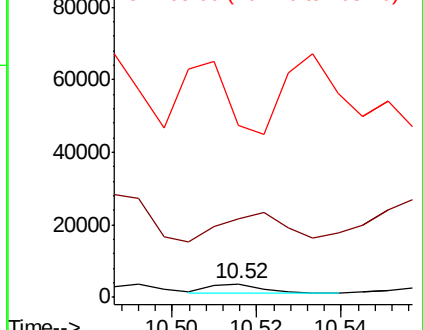
105 1274.0 32.8 72.8#



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: 26.302 ng

RT: 10.59 min Scan# 1445

Delta R.T. 0.02 min

Lab File: BF116576.D

Acq: 26 Aug 2019 15:57

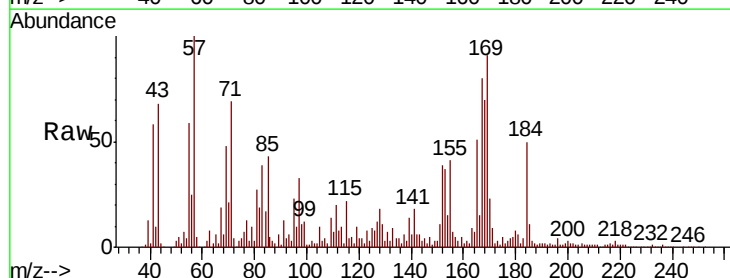
Tgt Ion:169 Resp: 297890

Ion Ratio Lower Upper

169 100

168 76.5 53.6 80.4

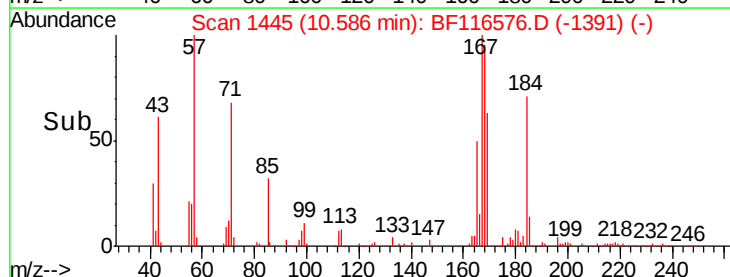
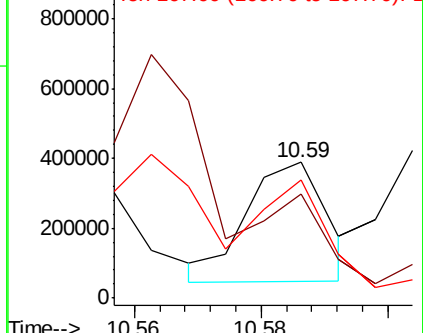
167 87.3 28.7 43.1#

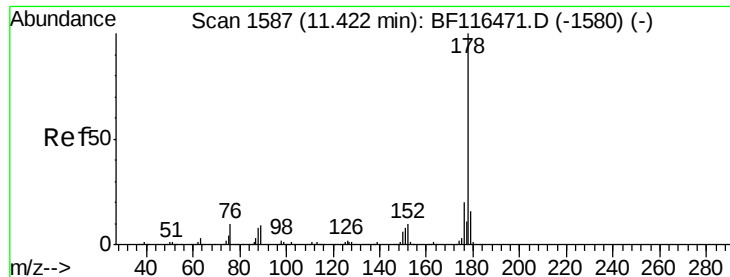


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#71

Phenanthrene

Concen: 61.364 ng

RT: 11.45 min Scan# 1592

Delta R.T. 0.03 min

Lab File: BF116576.D

Acq: 26 Aug 2019 15:57

Instrument :

BNA_F

ClientSampleId :

GW-1DL

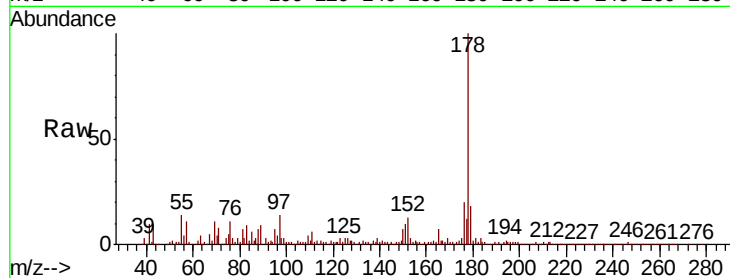
Tgt Ion:178 Resp: 1169250

Ion Ratio Lower Upper

178 100

176 19.7 15.8 23.6

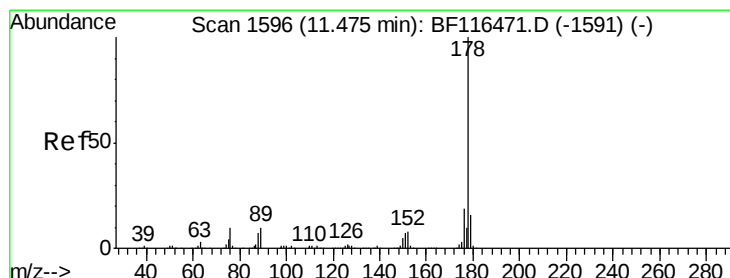
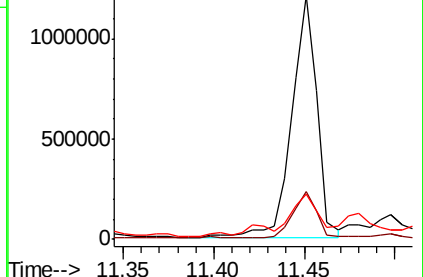
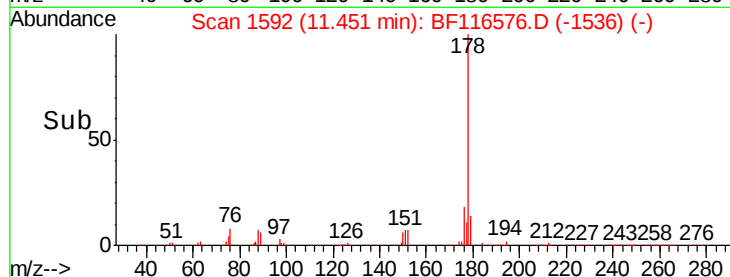
179 18.4 12.8 19.2



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: 61.068 ng

RT: 11.45 min Scan# 1592

Delta R.T. -0.02 min

Lab File: BF116576.D

Acq: 26 Aug 2019 15:57

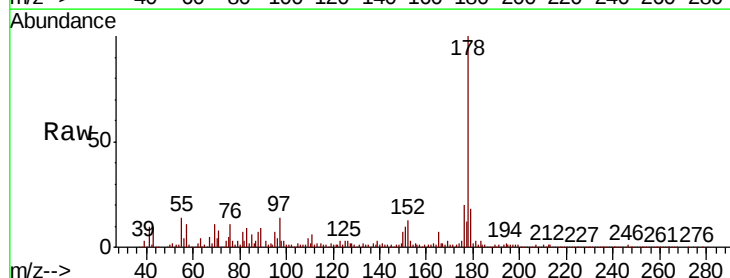
Tgt Ion:178 Resp: 1169250

Ion Ratio Lower Upper

178 100

176 19.7 15.2 22.8

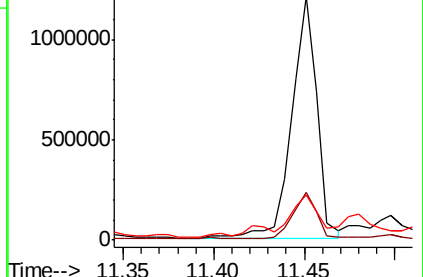
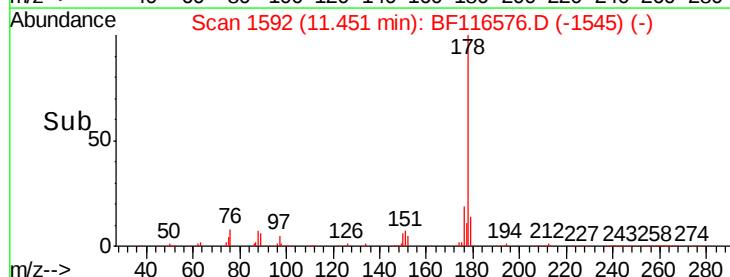
179 18.4 12.5 18.7

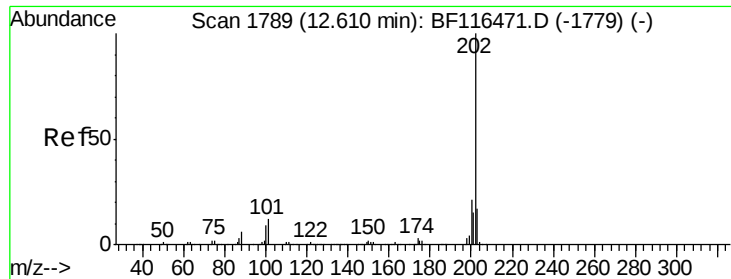


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#75

Fluoranthene

Concen: 2.237 ng

RT: 12.63 min Scan# 1792

Delta R.T. 0.02 min

Lab File: BF116576.D

Acq: 26 Aug 2019 15:57

Instrument :

BNA_F

ClientSampleId :

GW-1DL

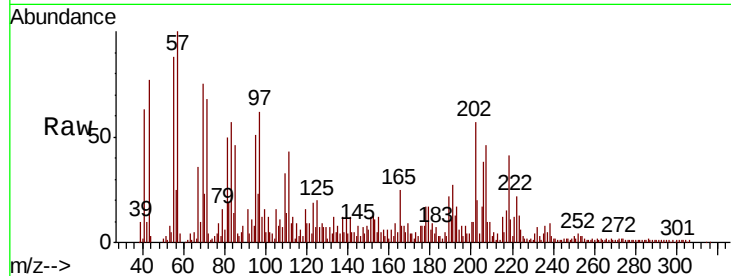
Tgt Ion:202 Resp: 44058

Ion Ratio Lower Upper

202 100

101 20.3 0.0 31.5

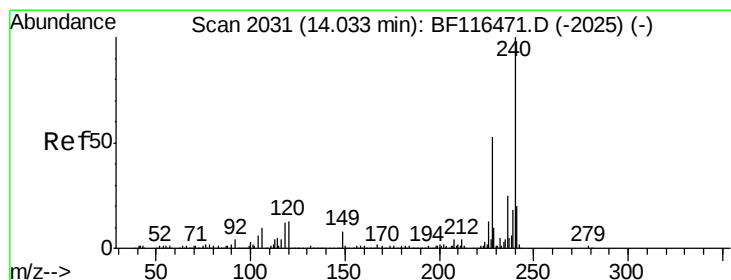
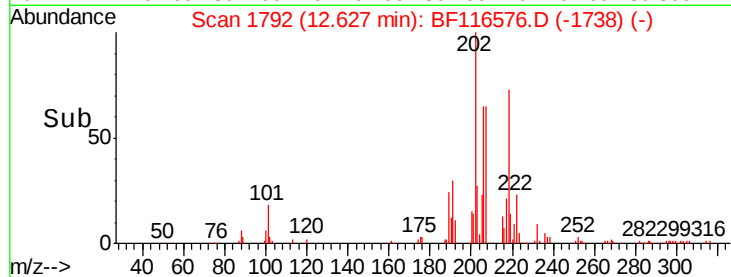
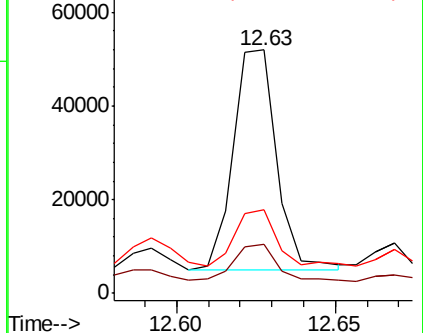
203 34.4 0.0 37.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.03 min Scan# 2031

Delta R.T. -0.00 min

Lab File: BF116576.D

Acq: 26 Aug 2019 15:57

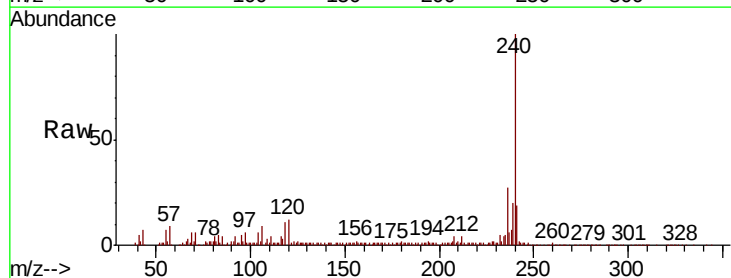
Tgt Ion:240 Resp: 227407

Ion Ratio Lower Upper

240 100

120 12.3 10.5 15.7

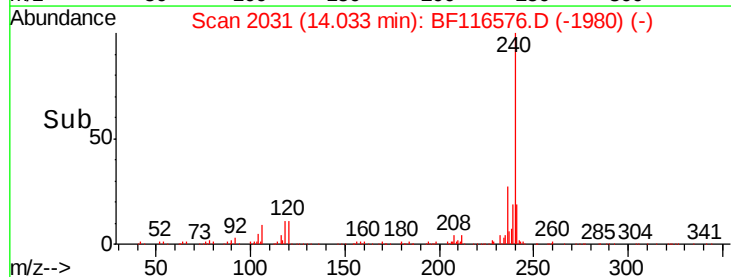
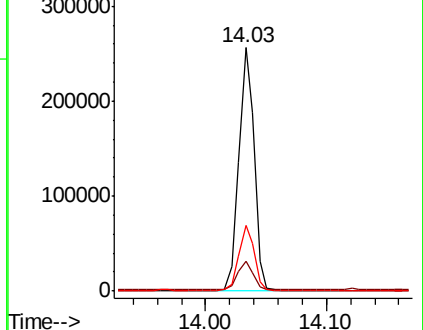
236 27.2 20.2 30.2

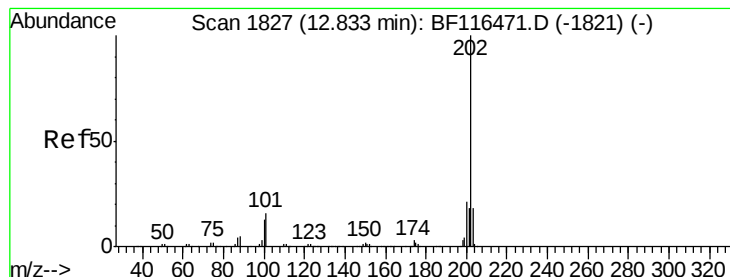


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Pyrene

Concen: 6.997 ng

RT: 12.85 min Scan# 1830

Delta R.T. 0.02 min

Lab File: BF116576.D

Acq: 26 Aug 2019 15:57

Instrument :

BNA_F

ClientSampleId :

GW-1DL

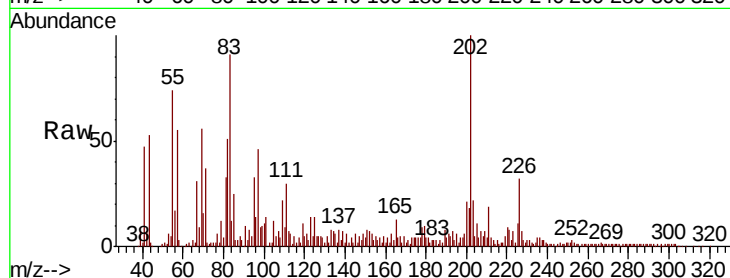
Tgt Ion: 202 Resp: 127253

Ion Ratio Lower Upper

202 100

200 21.5 17.0 25.4

203 22.1 14.2 21.4#

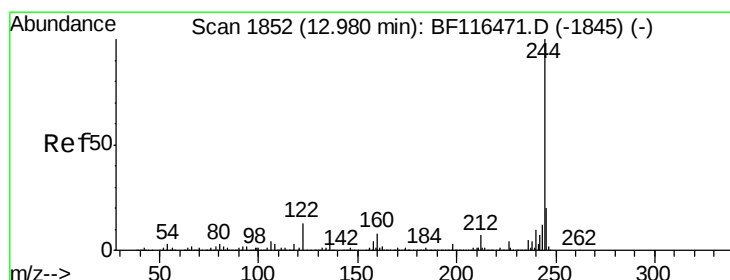
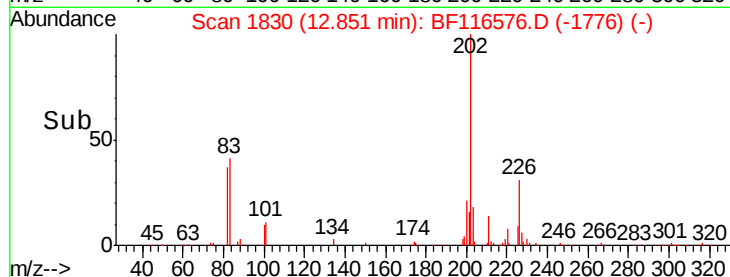
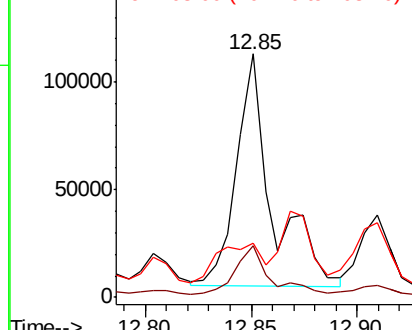


Abundance

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: 14.253 ng

RT: 12.99 min Scan# 1853

Delta R.T. 0.01 min

Lab File: BF116576.D

Acq: 26 Aug 2019 15:57

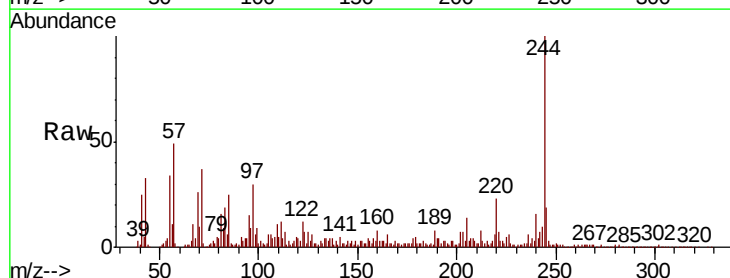
Tgt Ion: 244 Resp: 173525

Ion Ratio Lower Upper

244 100

212 7.5 5.7 8.5

122 11.9 10.2 15.4

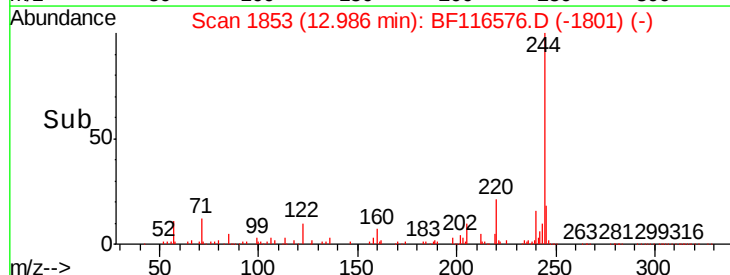
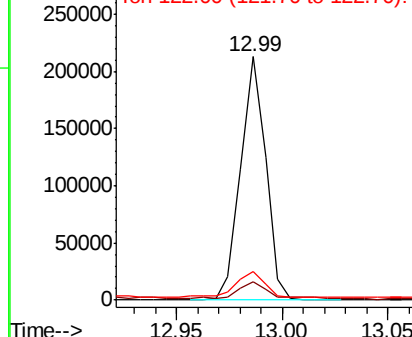


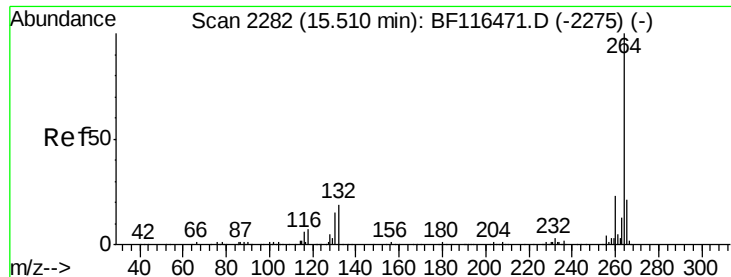
Abundance

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: 15.50 min Scan# 2280
Delta R.T. -0.01 min
Lab File: BF116576.D
Acq: 26 Aug 2019 15:57

Instrument :
BNA_F
ClientSampleId :
GW-1DL

Tgt Ion:	264	Resp:	273467
Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.8	28.2
265	21.8	17.1	25.7

