

Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF042020\
 Data File : BF120078.D
 Acq On : 20 Apr 2020 15:29
 Operator : MA/SJ
 Sample : L2283-07DL 2X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WB-1-2DL

Quant Time: Apr 20 16:20:09 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 20 14:10:57 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	217897	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	787431	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	374003	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	726742	20.00	ng	0.00
76) Chrysene-d12	13.90	240	492285	20.00	ng	0.00
87) Perylene-d12	15.33	264	453578	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	486316	38.57	ng	0.00
7) Phenol-d6	6.35	99	665738	40.98	ng	-0.01
23) Nitrobenzene-d5	7.28	82	424775	27.91	ng	-0.01
42) 2,4,6-Tribromophenol	10.55	330	157944	34.49	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	793627	30.13	ng	0.00
79) Terphenyl-d14	12.84	244	780804	26.69	ng	0.00

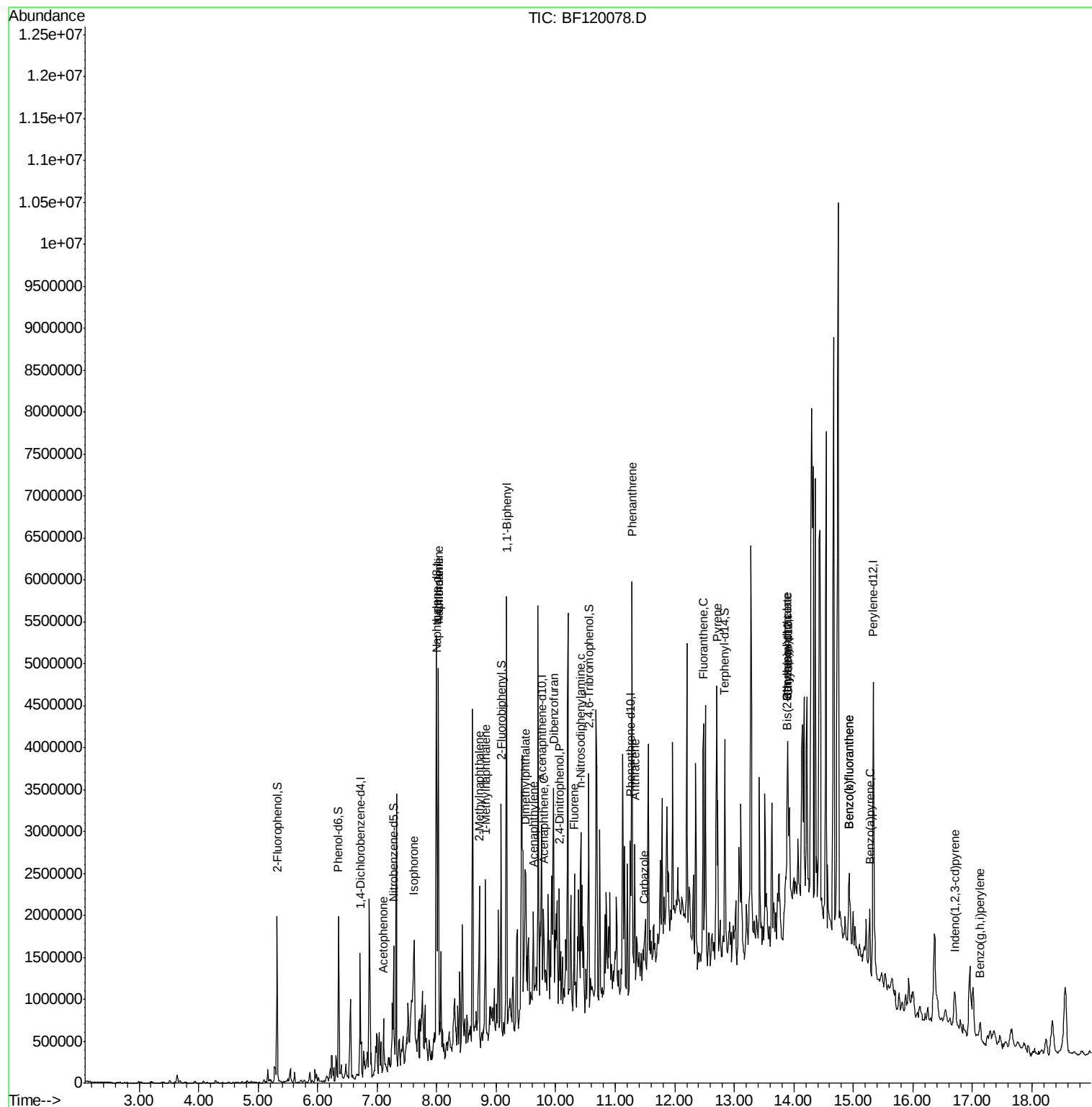
Target Compounds				Qvalue		
9) Benzaldehyde	6.26	77	7362	Below Cal	#	1
22) Acetophenone	7.11	105	63251	3.430 ng	#	38
25) Isophorone	7.62	82	61679	2.102 ng	#	69
31) Naphthalene	8.03	128	1846218	44.563 ng		99
33) 4-Chloroaniline	8.03	127	249297	13.822 ng	#	32
37) 2-Methylnaphthalene	8.72	142	474068	16.878 ng		98
38) 1-Methylnaphthalene	8.82	142	424057	16.018 ng		100
46) 1,1'-Biphenyl	9.18	154	85715	2.715 ng		97
49) Acenaphthylene	9.62	152	203191	5.494 ng	#	91
50) Dimethylphthalate	9.48	163	121652	4.205 ng	#	99
52) Acenaphthene	9.79	154	193007	7.823 ng		98
54) 2,4-Dinitrophenol	10.06	184	8894	2.345 ng		92
55) Dibenzofuran	9.96	168	251456	7.428 ng	#	83
58) Fluorene	10.31	166	433387	16.007 ng		98
66) n-Nitrosodiphenylamine	10.42	169	78278	3.239 ng	#	73
71) Phenanthrene	11.28	178	1930956	49.924 ng		97
72) Anthracene	11.33	178	614641	15.556 ng		98
73) Carbazole	11.48	167	77564	2.076 ng	#	88
75) Fluoranthene	12.48	202	1321964	31.677 ng		98
78) Pvrene	12.70	202	1376824	33.176 ng		99
81) Benzo(a)anthracene	13.89	228	559788	17.285 ng		94
83) Chrysene	13.89	228	559788	17.011 ng		97
84) Bis(2-ethylhexyl)phthalate	13.88	149	72967	2.676 ng	#	91
86) Indeno(1,2,3-cd)pyrene	16.72	276	165598	5.709 ng		97
88) Benzo(b)fluoranthene	14.93	252	613368	18.798 ng	#	92
89) Benzo(k)fluoranthene	14.93	252	613368	21.787 ng	#	93
90) Benzo(a)pyrene	15.27	252	358963	13.084 ng	#	96
92) Benzo(g,h,i)perylene	17.13	276	144257	6.014 ng		97

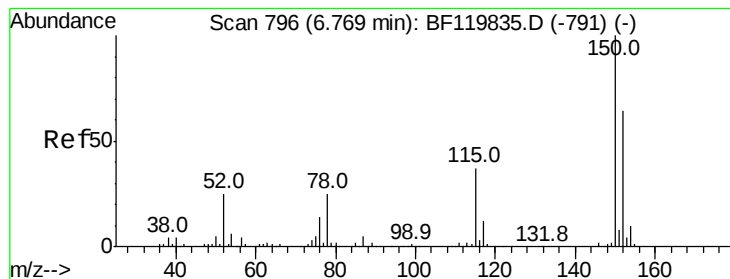
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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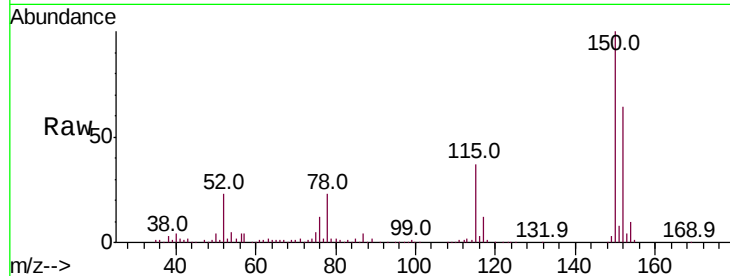


#1

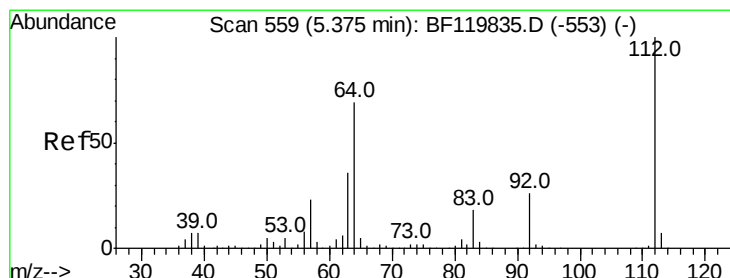
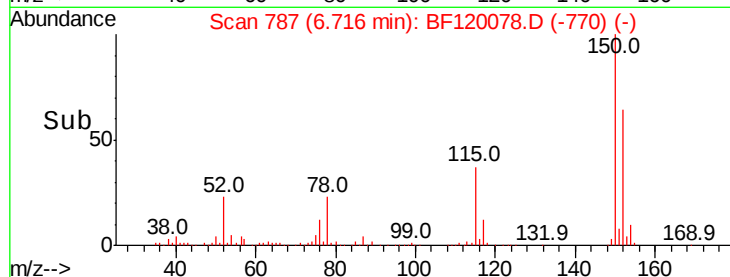
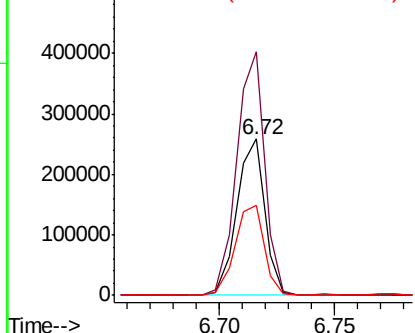
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF120078.D
Acq: 20 Apr 2020 15:29

Instrument :
BNA_F
ClientSampleId :
WB-1-2DL

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.0	124.8	187.2
115	57.8	46.5	69.7



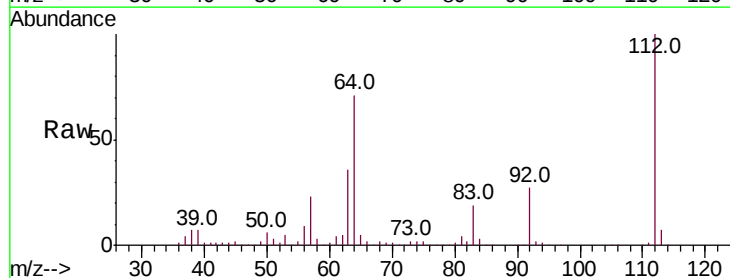
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



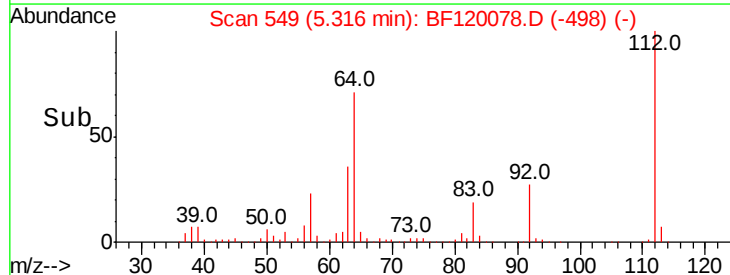
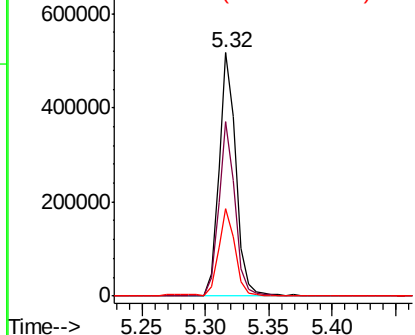
#5

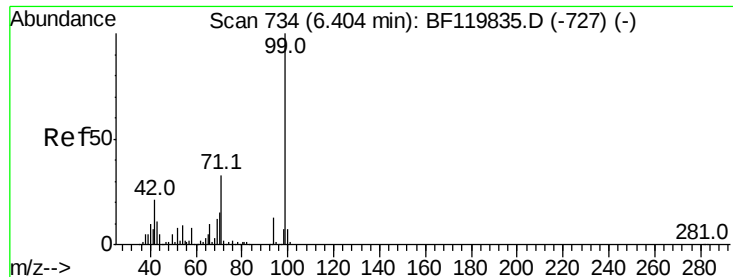
2-Fluorophenol
Concen: 38.571 ng
RT: 5.32 min Scan# 549
Delta R.T. 0.00 min
Lab File: BF120078.D
Acq: 20 Apr 2020 15:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.5	55.5	83.3
63	36.0	29.1	43.7



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





#7

Phenol-d6

Concen: 40.977 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF120078.D

Acq: 20 Apr 2020 15:29

Instrument :

BNA_F

ClientSampleId :

WB-1-2DL

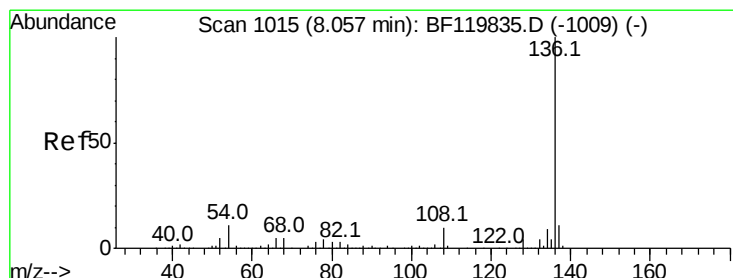
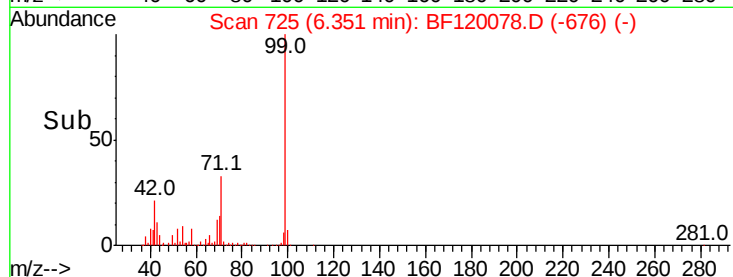
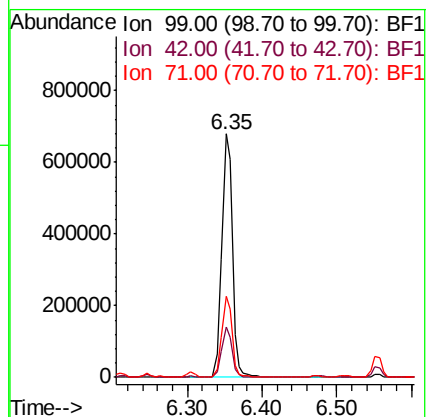
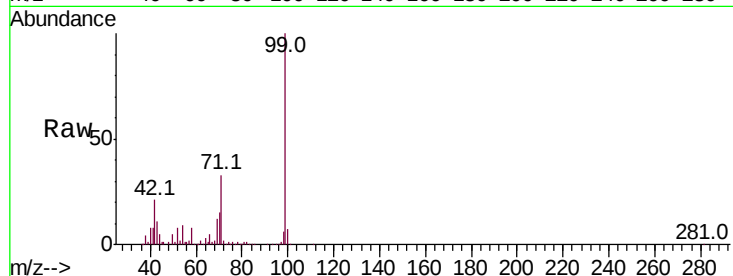
Tot Ion: 99 Resp: 665738

Ion Ratio Lower Upper

99 100

42 20.7 16.9 25.3

71 33.3 26.3 39.5



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1006

Delta R.T. 0.00 min

Lab File: BF120078.D

Acq: 20 Apr 2020 15:29

Tgt Ion: 136 Resp: 787431

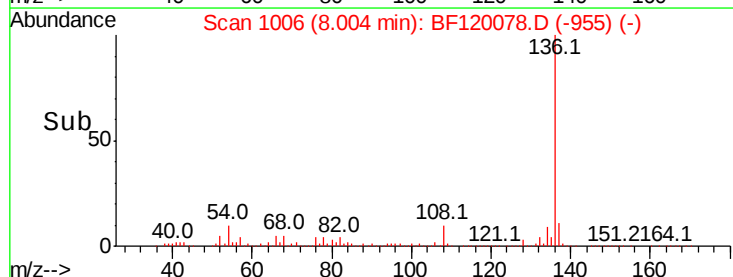
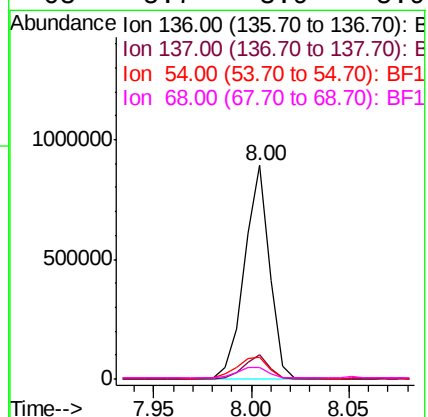
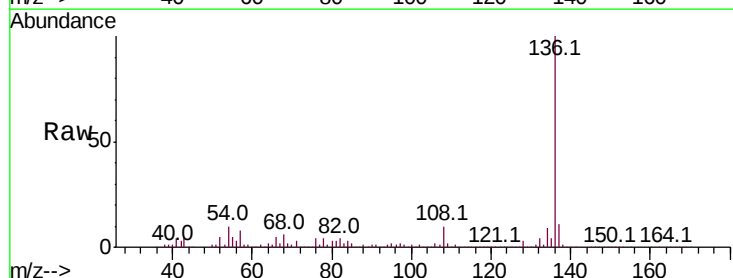
Ion Ratio Lower Upper

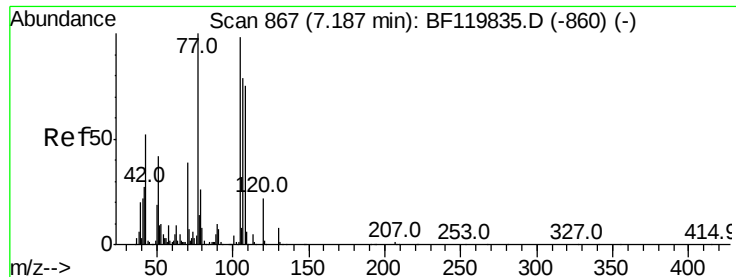
136 100

137 11.1 8.7 13.1

54 10.4 8.5 12.7

68 5.7 3.9 5.9





#22

Acetophenone

Concen: 3.430 ng

RT: 7.11 min Scan# 854

Delta R.T. -0.03 min

Lab File: BF120078.D

Acq: 20 Apr 2020 15:29

Instrument :

BNA_F

ClientSampled :

WB-1-2DL

Tot Ion:105 Resp: 63251

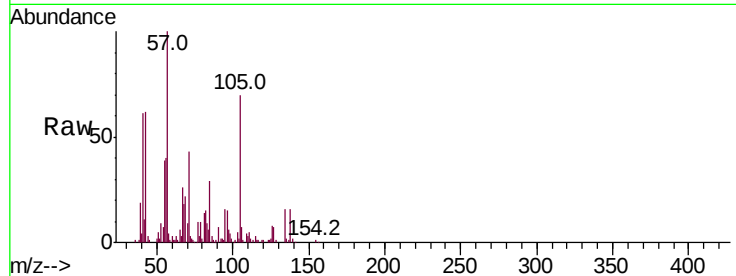
Ion Ratio Lower Upper

105 100

71 61.8 5.6 8.4#

51 7.7 33.9 50.9#

120 0.7 17.8 26.8#

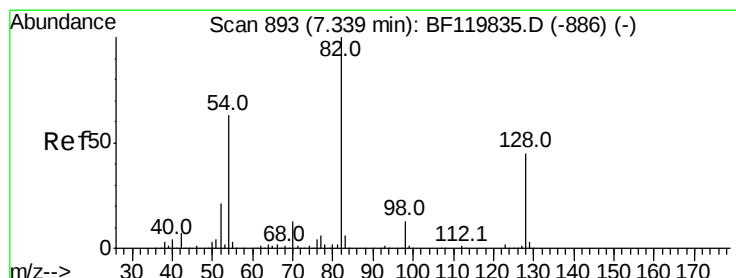
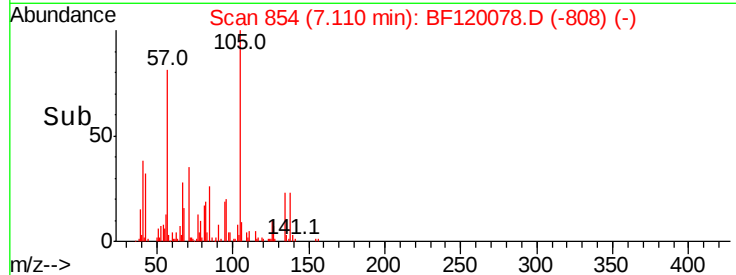
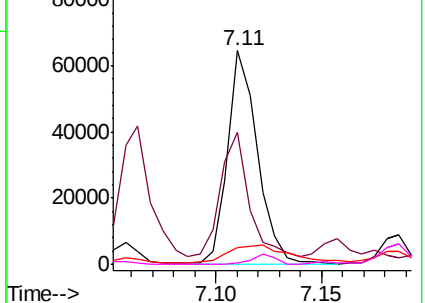


Abundance Ion 105.00 (104.70 to 105.70): E

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: 27.907 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.01 min

Lab File: BF120078.D

Acq: 20 Apr 2020 15:29

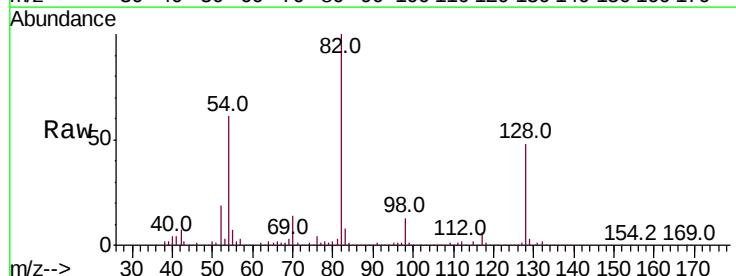
Tgt Ion: 82 Resp: 424775

Ion Ratio Lower Upper

82 100

128 48.4 36.2 54.4

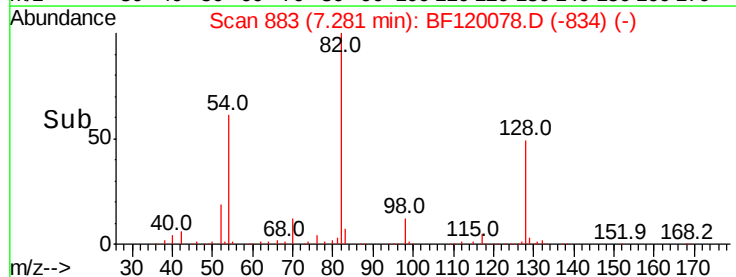
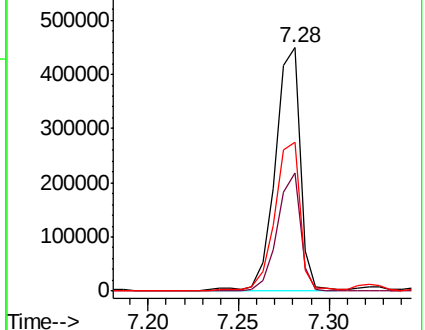
54 61.2 50.4 75.6

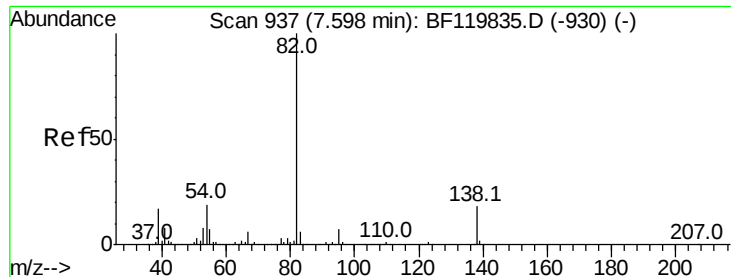


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 2.102 ng

RT: 7.62 min Scan# 941

Delta R.T. 0.07 min

Lab File: BF120078.D

Acq: 20 Apr 2020 15:29

Instrument :

BNA_F

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WB-1-2DL

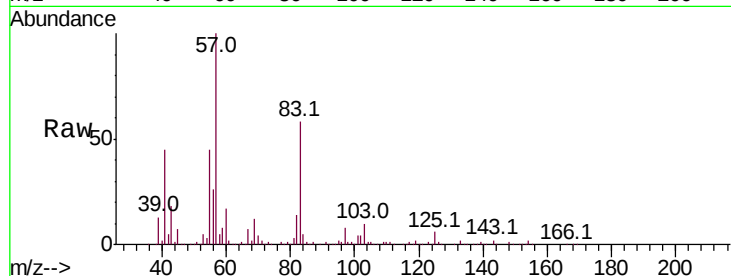
Tot Ion: 82 Resp: 61679

Ion Ratio Lower Upper

82 100

95 11.2 5.8 8.6#

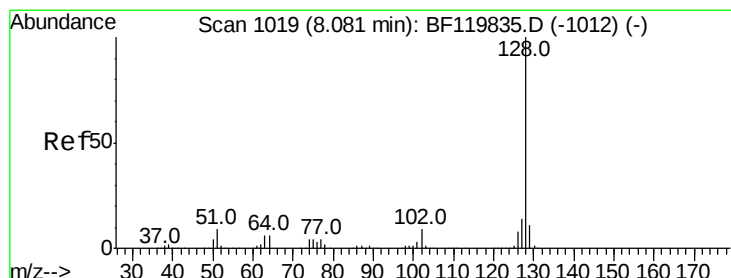
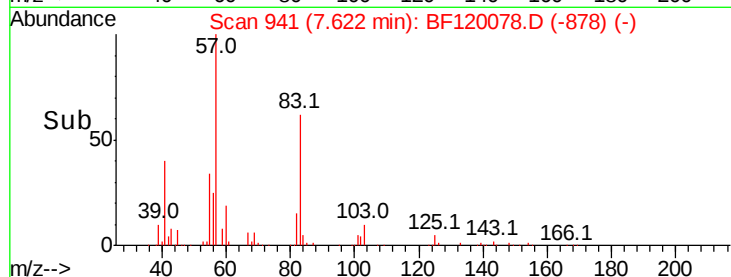
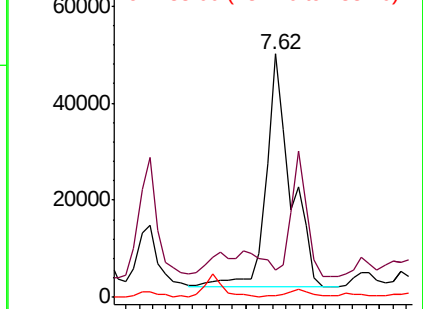
138 0.9 14.5 21.7#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#31

Naphthalene

Concen: 44.563 ng

RT: 8.03 min Scan# 1010

Delta R.T. 0.00 min

Lab File: BF120078.D

Acq: 20 Apr 2020 15:29

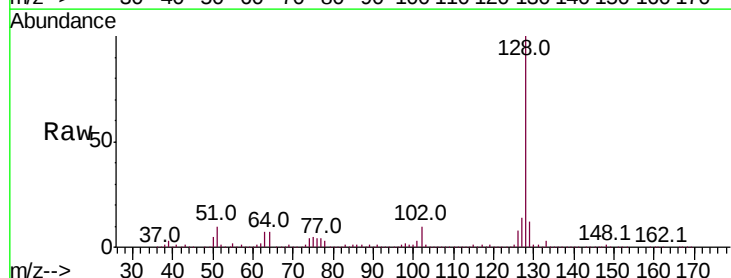
Tgt Ion:128 Resp: 1846218

Ion Ratio Lower Upper

128 100

129 11.9 9.0 13.6

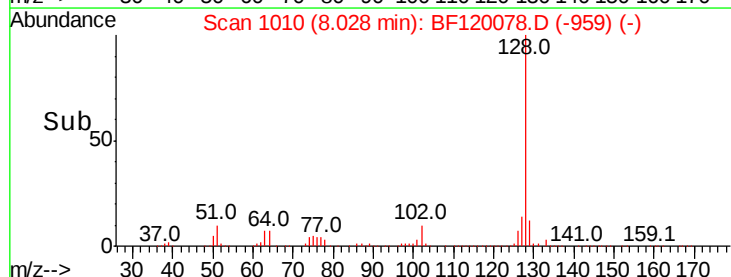
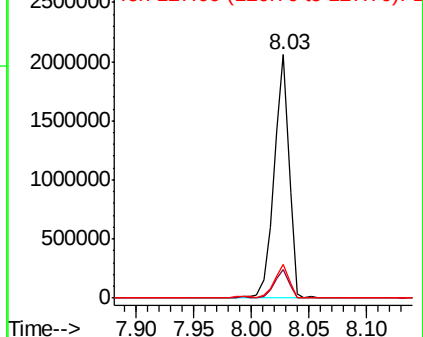
127 14.1 11.0 16.4

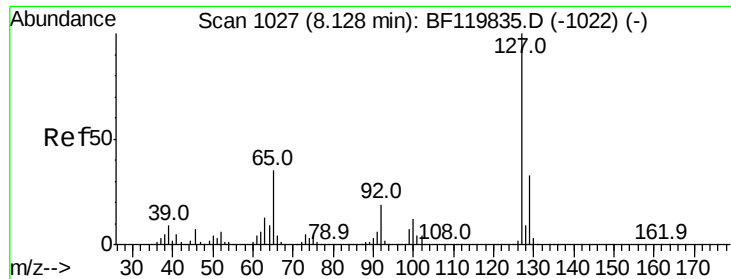


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

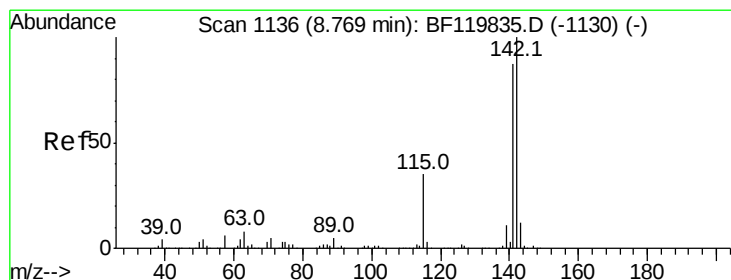
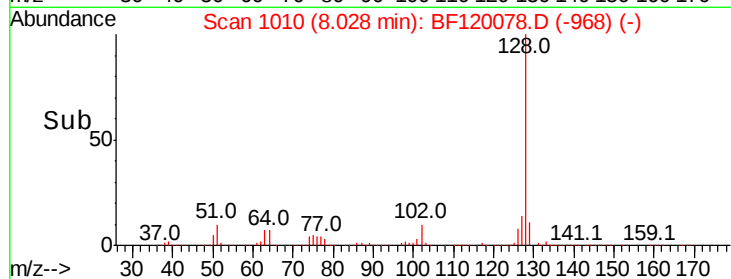
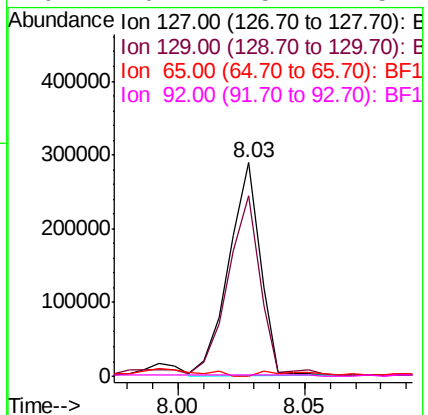
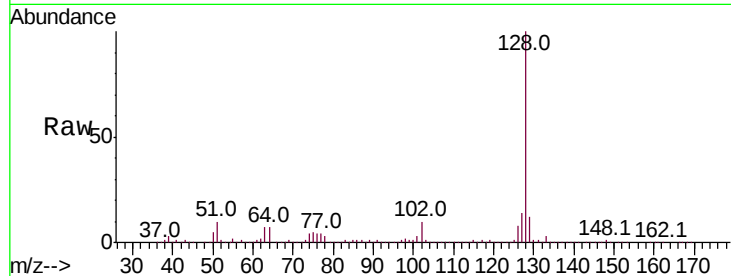




#33
 4-Chloroaniline
 Concen: 13.822 ng
 RT: 8.03 min Scan# 1010
 Delta R.T. -0.05 min
 Lab File: BF120078.D
 Acq: 20 Apr 2020 15:29

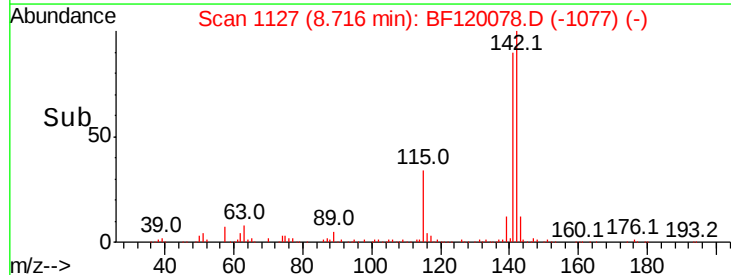
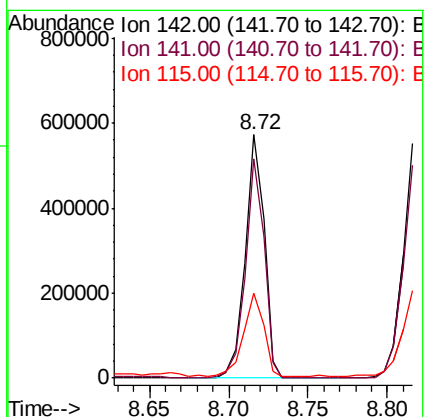
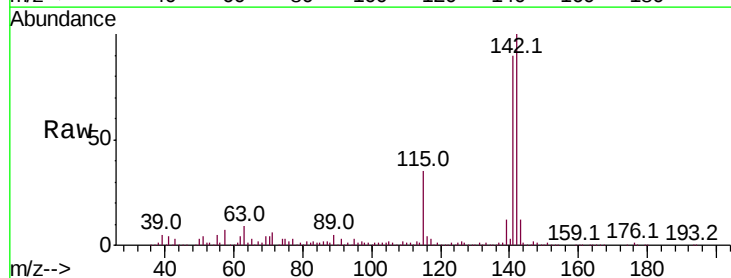
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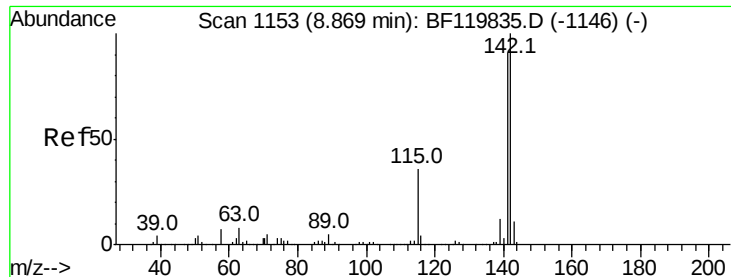
Tot Ion:127	Resp:	249297
Ion Ratio	Lower	Upper
127 100		
129 84.7	26.2	39.2#
65 0.0	28.3	42.5#
92 0.7	15.4	23.2#



#37
 2-Methylnaphthalene
 Concen: 16.878 ng
 RT: 8.72 min Scan# 1127
 Delta R.T. -0.01 min
 Lab File: BF120078.D
 Acq: 20 Apr 2020 15:29

Tgt	Ion:142	Resp:	474068
Ion	Ratio	Lower	Upper
142	100		
141	89.9	69.9	104.9
115	34.6	28.0	42.0

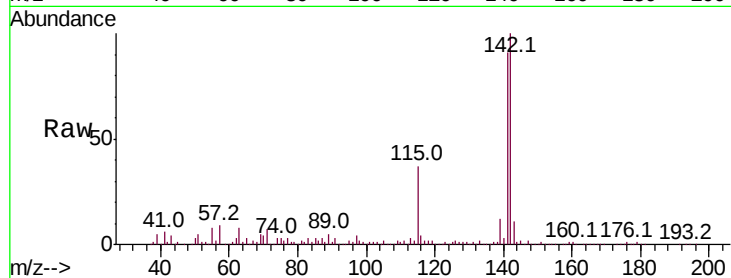




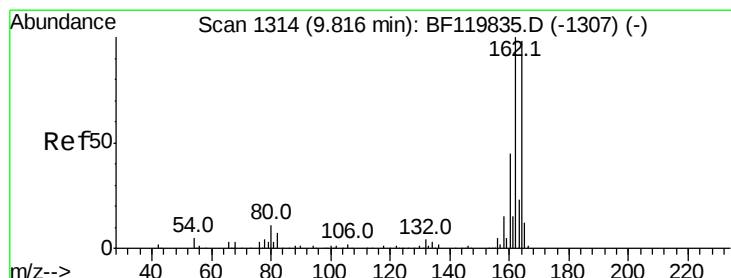
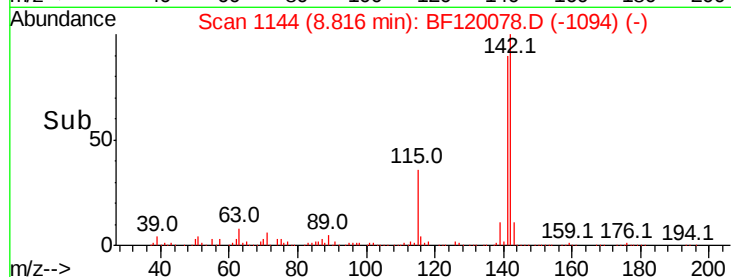
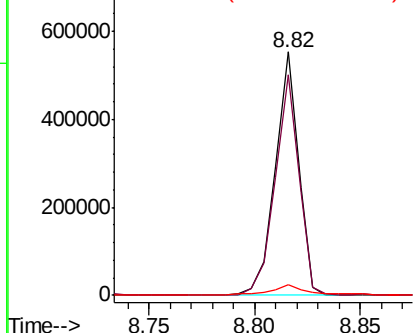
#38
 1-Methylnaphthalene
 Concen: 16.018 ng
 RT: 8.82 min Scan# 1144
 Delta R.T. -0.01 min
 Lab File: BF120078.D
 Acq: 20 Apr 2020 15:29

Instrument :
 BNA_F
 ClientSampleID :
 WB-1-2DL

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.8	72.9	109.3
116	4.2	3.0	4.6

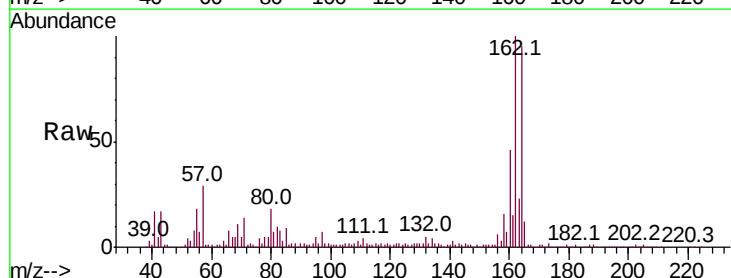


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 116.00 (115.70 to 116.70): E

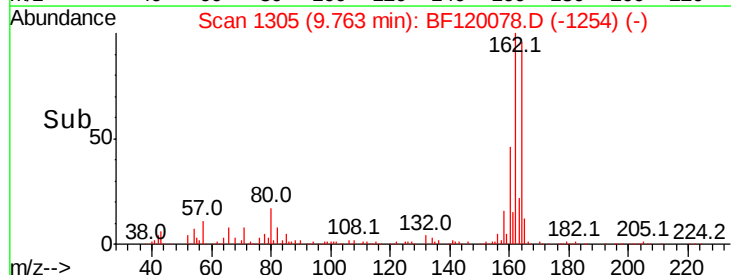
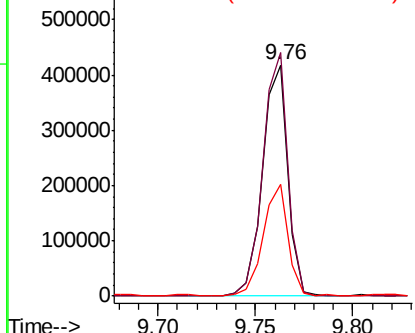


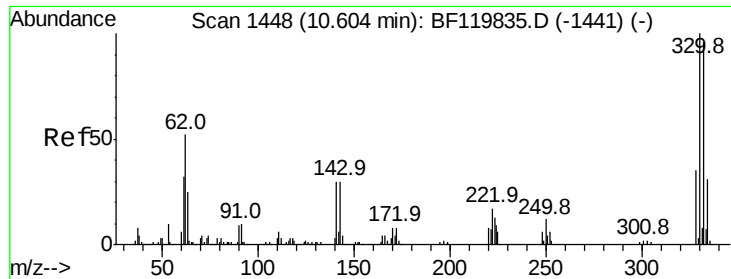
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. 0.00 min
 Lab File: BF120078.D
 Acq: 20 Apr 2020 15:29

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.2	81.9	122.9
160	48.4	36.6	54.8



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

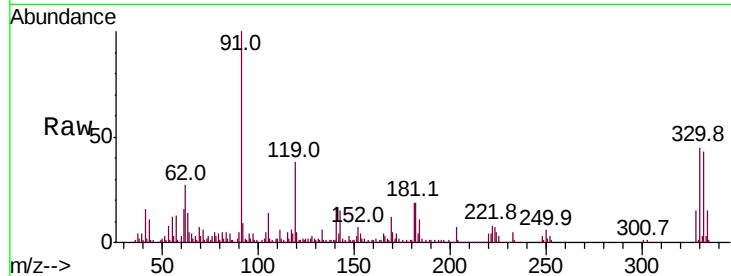




#42
 2,4,6-Tribromophenol
 Concen: 34.493 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: BF120078.D
 Acq: 20 Apr 2020 15:29

Instrument :
 BNA_F
 ClientSampleId :
 WB-1-2DL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.8	115.2
141	36.1	25.1	37.7

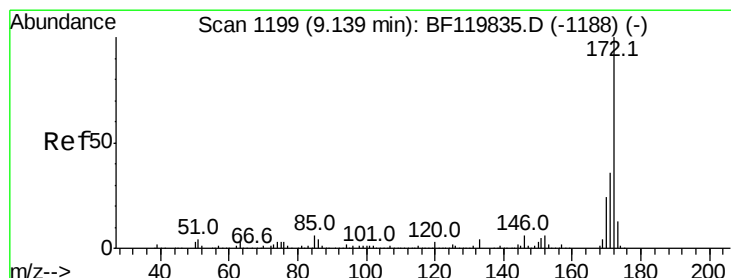
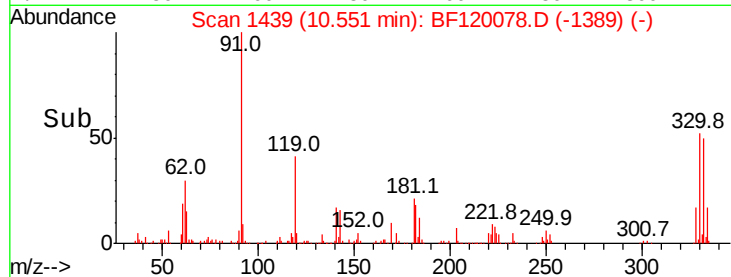
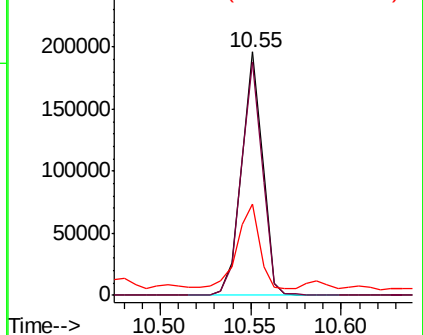


Abundance

Ion 329.80 (329.50 to 330.50): E

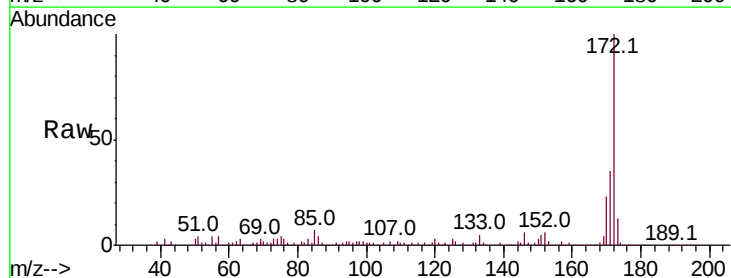
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 30.128 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF120078.D
 Acq: 20 Apr 2020 15:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.9	43.3
170	23.2	19.4	29.2

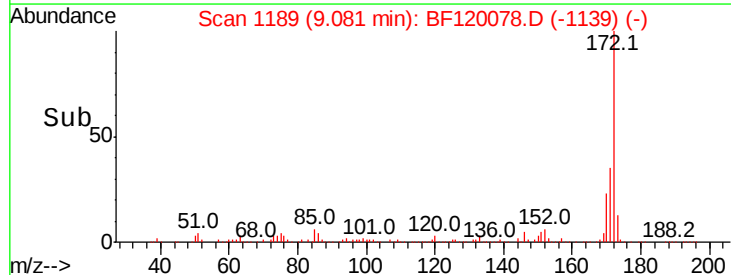
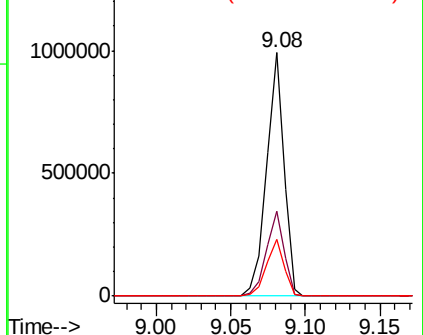


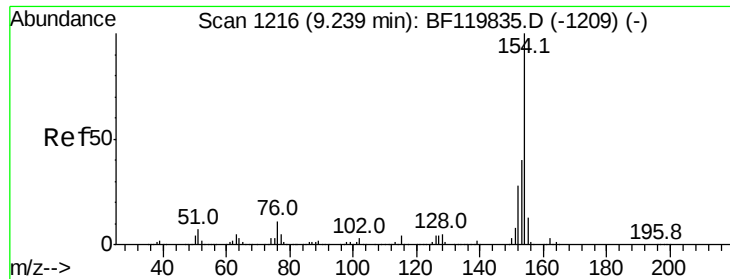
Abundance

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

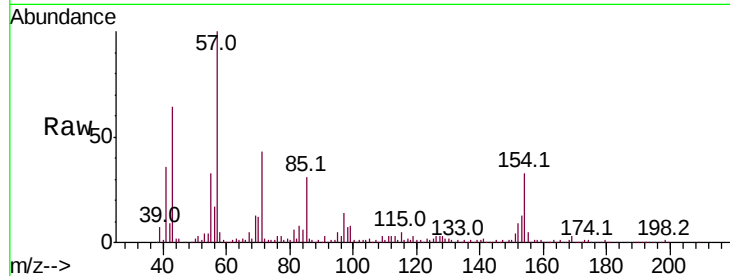




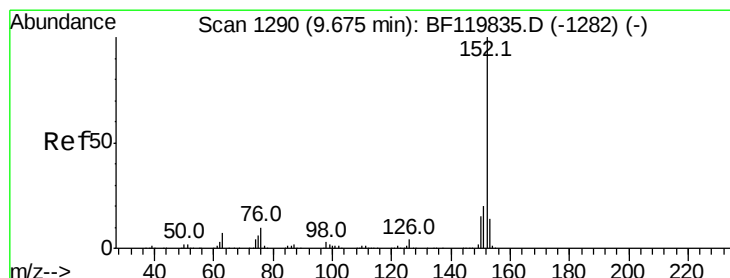
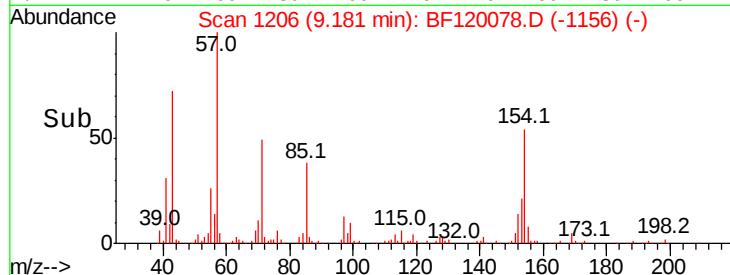
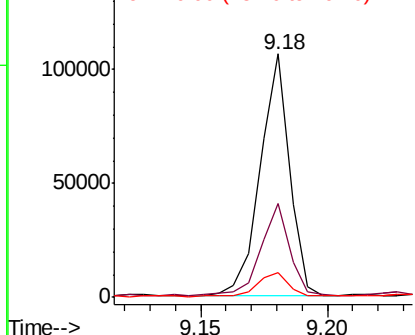
#46
1,1'-Biphenyl
Concen: 2.715 ng
RT: 9.18 min Scan# 1206
Delta R.T. -0.01 min
Lab File: BF120078.D
Acq: 20 Apr 2020 15:29

Instrument :
BNA_F
ClientSampleId :
WB-1-2DL

Tot Ion	Ratio	Lower	Upper
154	100		
153	38.6	20.5	60.5
76	10.3	0.0	30.6

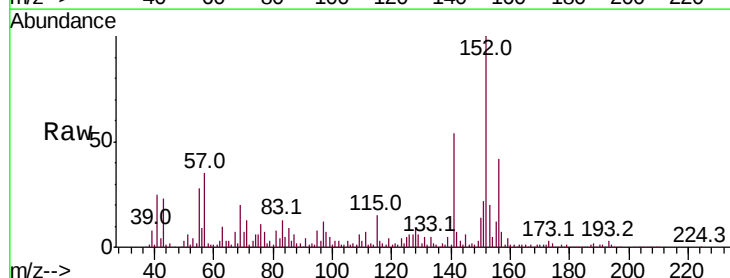


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

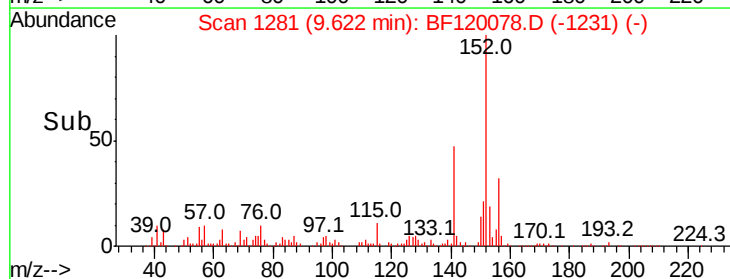
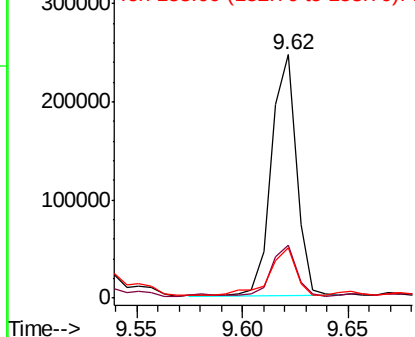


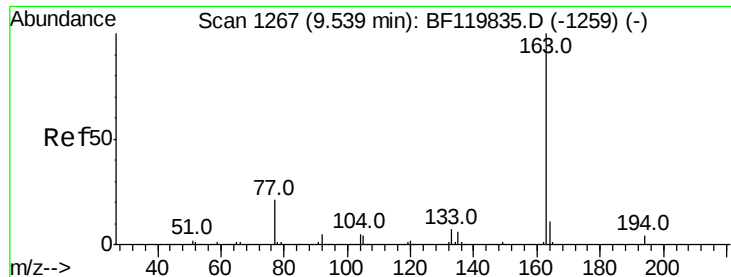
#49
Acenaphthylene
Concen: 5.494 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF120078.D
Acq: 20 Apr 2020 15:29

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.7	16.2	24.4
153	20.5	10.9	16.3#



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

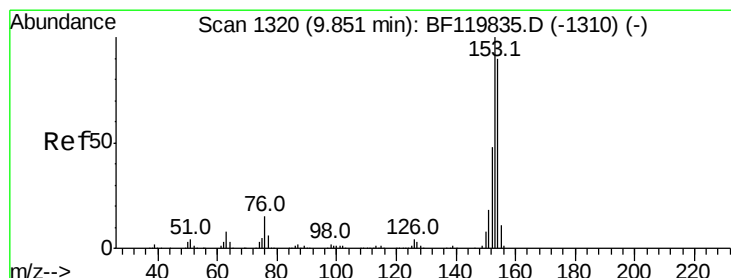
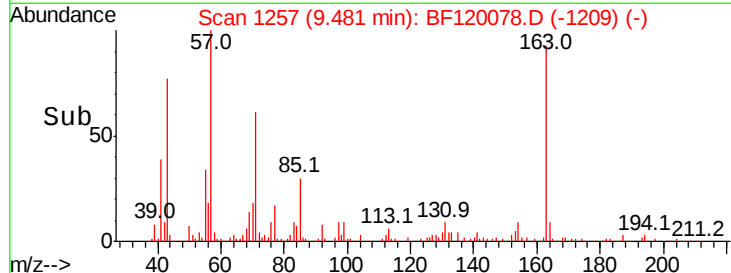
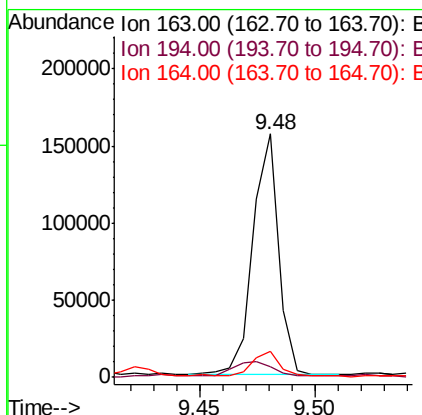
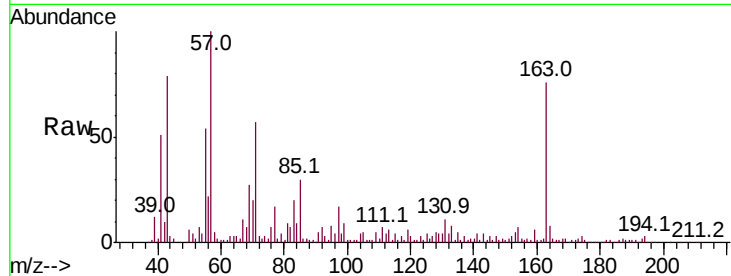




#50
Dimethylphthalate
Concen: 4.205 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.02 min
Lab File: BF120078.D
Acq: 20 Apr 2020 15:29

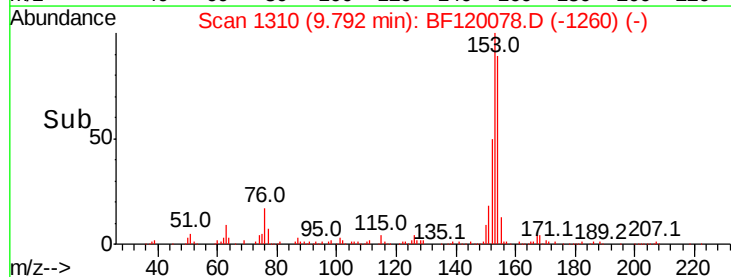
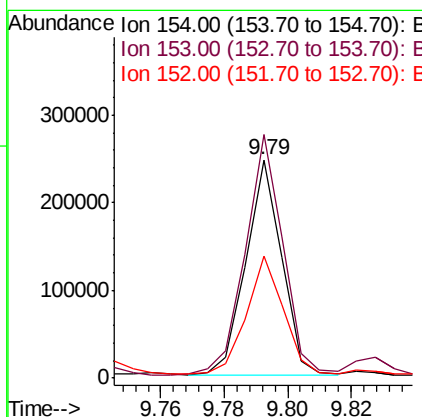
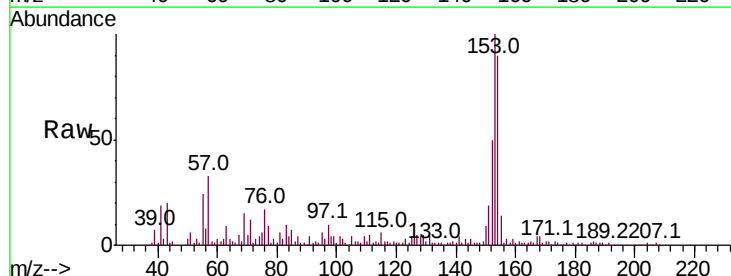
Instrument :
BNA_F
ClientSampleId :
WB-1-2DL

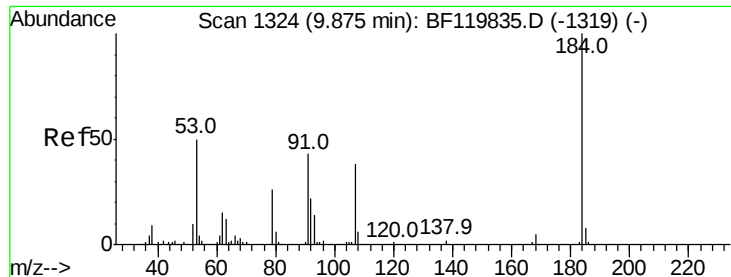
Tot Ion:163 Resp: 121652
Ion Ratio Lower Upper
163 100
194 4.5 3.0 4.4#
164 10.6 8.4 12.6



#52
Acenaphthene
Concen: 7.823 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF120078.D
Acq: 20 Apr 2020 15:29

Tgt Ion:154 Resp: 193007
Ion Ratio Lower Upper
154 100
153 111.5 88.8 133.2
152 55.7 42.4 63.6

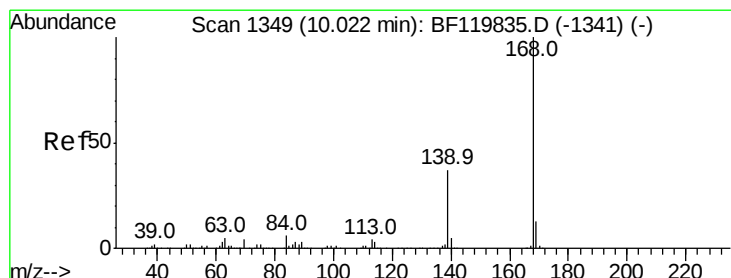
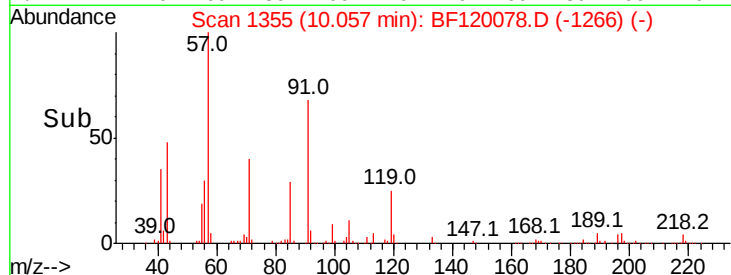
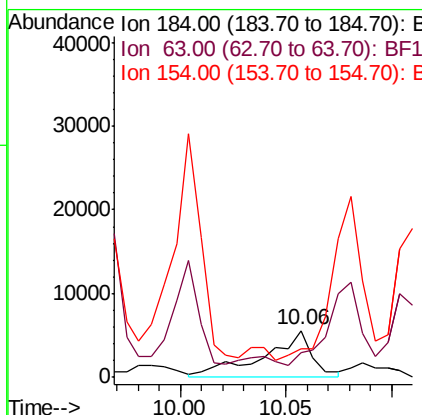
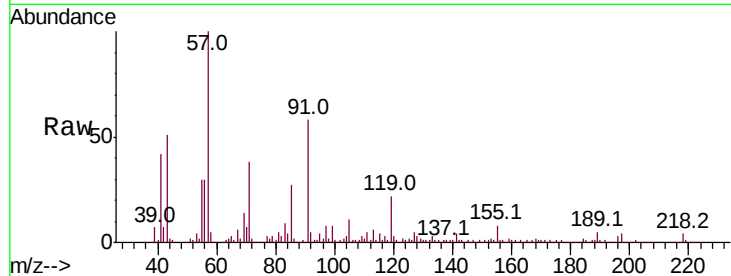




#54
 2,4-Dinitrophenol
 Concen: 2.345 ng
 RT: 10.06 min Scan# 1355
 Delta R.T. 0.22 min
 Lab File: BF120078.D
 Acq: 20 Apr 2020 15:29

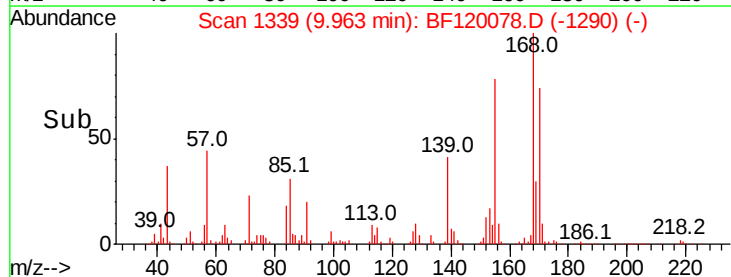
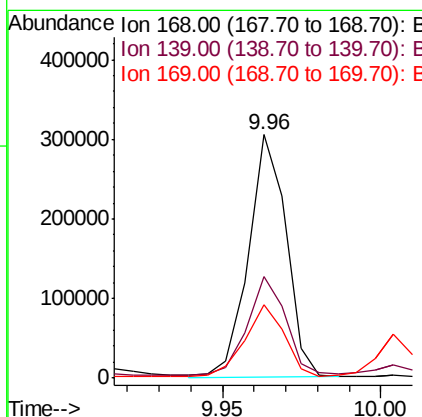
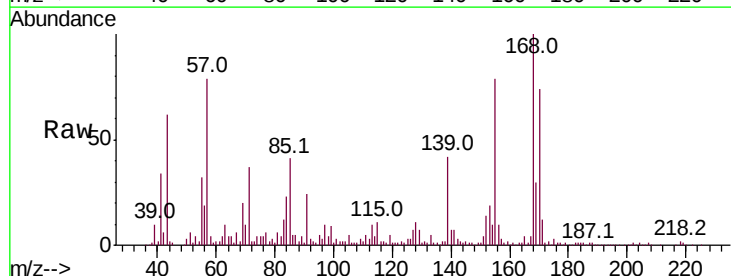
Instrument :
 BNA_F
 ClientSampleId :
 WB-1-2DL

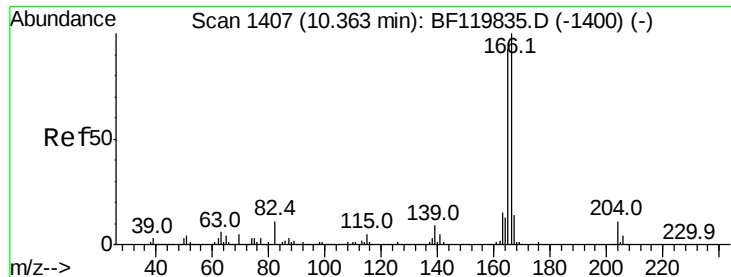
Tot Ion:184 Resp: 8894
 Ion Ratio Lower Upper
 184 100
 63 51.9 49.8 74.6
 154 60.0 46.5 69.7



#55
 Dibenzofuran
 Concen: 7.428 ng
 RT: 9.96 min Scan# 1339
 Delta R.T. -0.01 min
 Lab File: BF120078.D
 Acq: 20 Apr 2020 15:29

Tgt Ion:168 Resp: 251456
 Ion Ratio Lower Upper
 168 100
 139 41.7 29.8 44.6
 169 30.0 10.6 15.8#





#58

Fluorene

Concen: 16.007 ng

RT: 10.31 min Scan# 1398

Delta R.T. -0.01 min

Lab File: BF120078.D

Acq: 20 Apr 2020 15:29

Instrument :

BNA_F

ClientSampleId :

WB-1-2DL

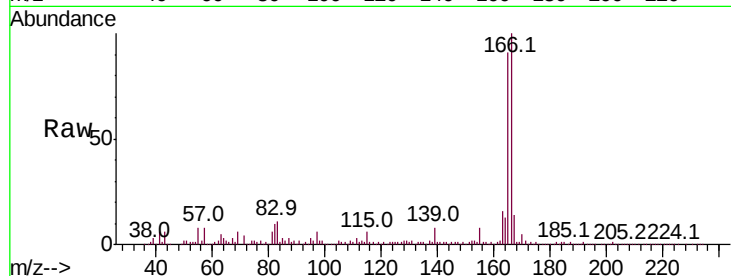
Tot Ion:166 Resp: 433387

Ion Ratio Lower Upper

166 100

165 90.8 74.2 111.2

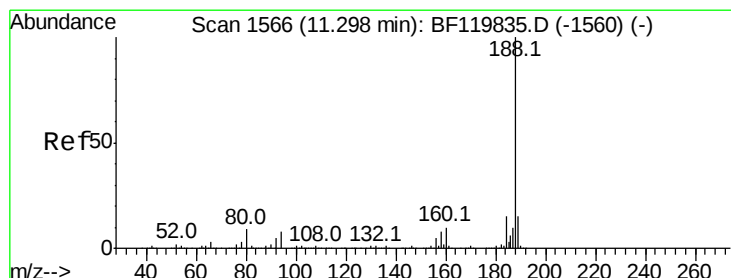
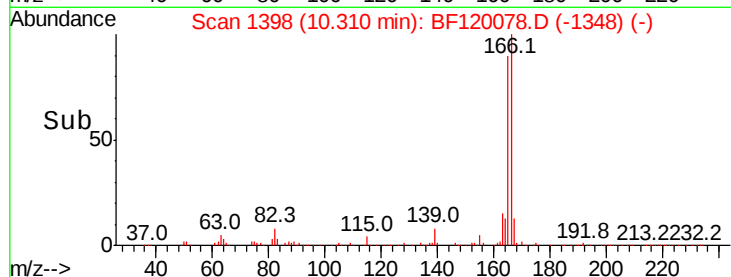
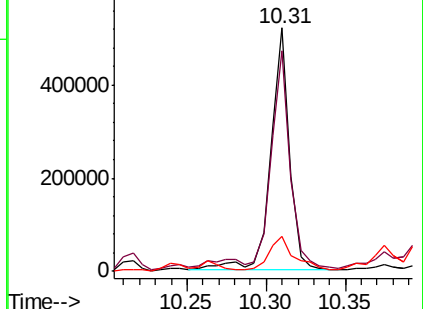
167 14.2 10.8 16.2



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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.25 min Scan# 1558

Delta R.T. 0.00 min

Lab File: BF120078.D

Acq: 20 Apr 2020 15:29

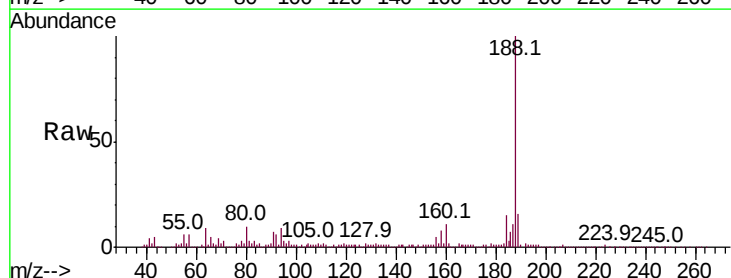
Tgt Ion:188 Resp: 726742

Ion Ratio Lower Upper

188 100

94 9.2 6.7 10.1

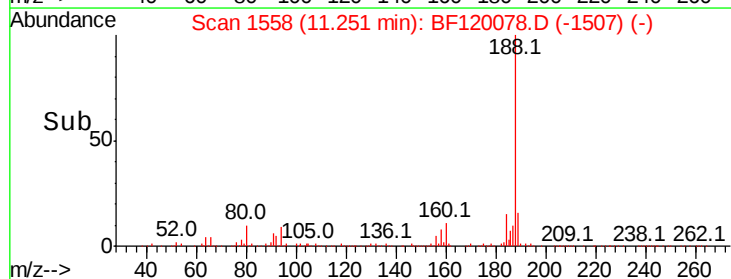
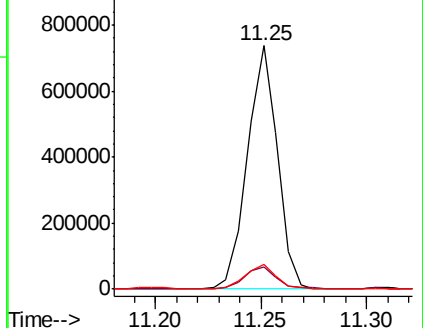
80 10.1 7.4 11.2

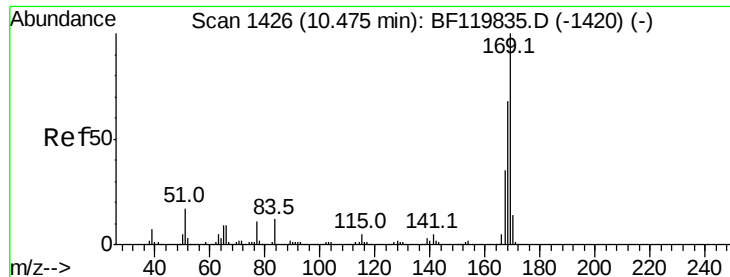


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

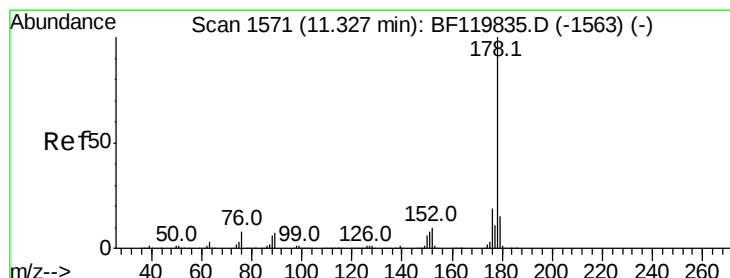
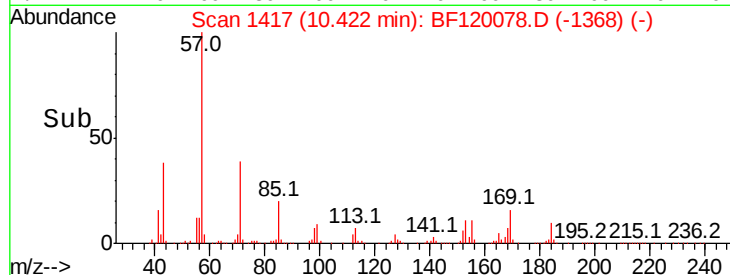
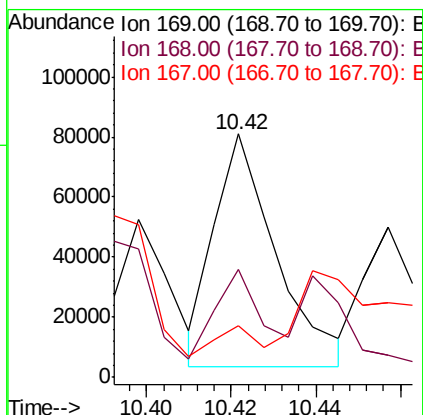
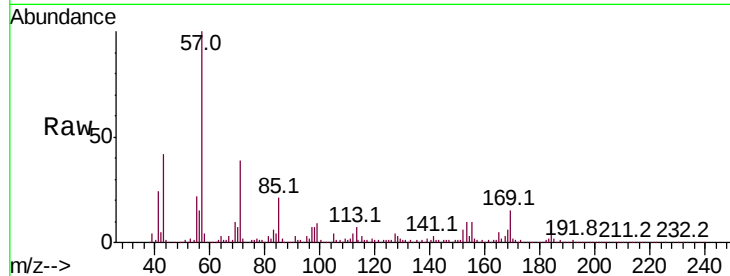




#66
n-Nitrosodiphenylamine
Concen: 3.239 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF120078.D
Acq: 20 Apr 2020 15:29

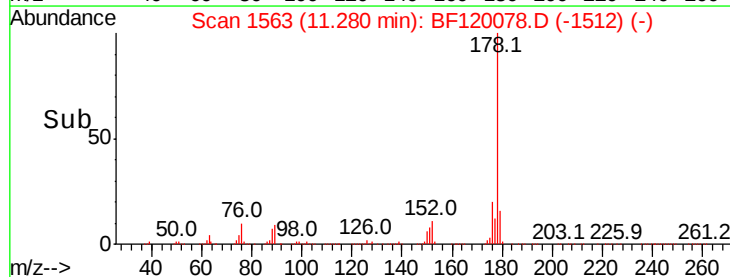
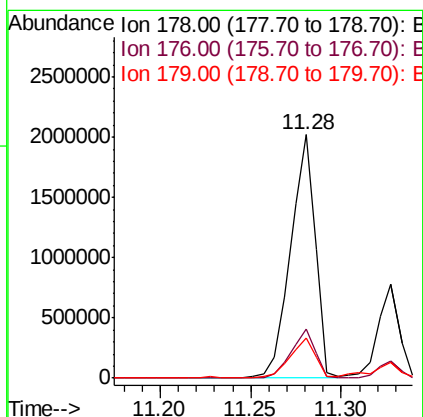
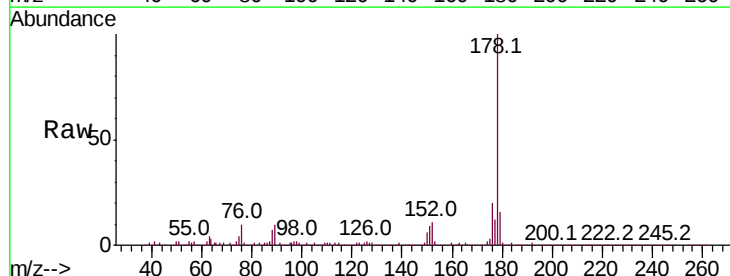
Instrument :
BNA_F
ClientSampleId :
WB-1-2DL

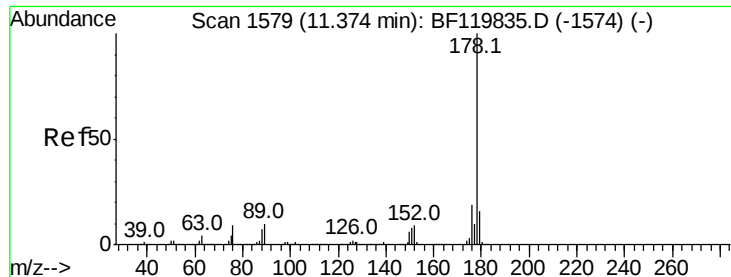
Tot Ion:169 Resp: 78278
Ion Ratio Lower Upper
169 100
168 44.4 54.2 81.4#
167 21.2 28.3 42.5#



#71
Phenanthrene
Concen: 49.924 ng
RT: 11.28 min Scan# 1563
Delta R.T. 0.00 min
Lab File: BF120078.D
Acq: 20 Apr 2020 15:29

Tgt Ion:178 Resp: 1930956
Ion Ratio Lower Upper
178 100
176 20.3 15.1 22.7
179 16.5 12.2 18.4





#72

Anthracene

Concen: 15.556 ng

RT: 11.33 min Scan# 1571

Delta R.T. -0.01 min

Lab File: BF120078.D

Acq: 20 Apr 2020 15:29

Instrument :

BNA_F

ClientSampleId :

WB-1-2DL

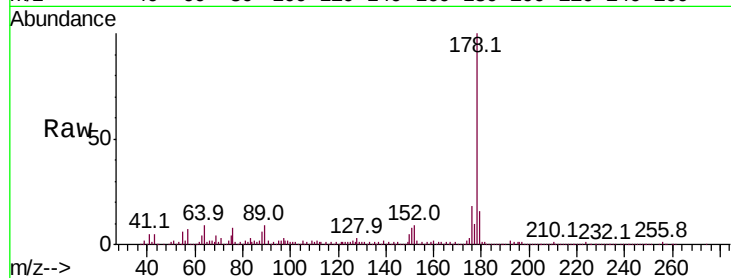
Tot Ion:178 Resp: 614641

Ion Ratio Lower Upper

178 100

176 18.2 15.4 23.2

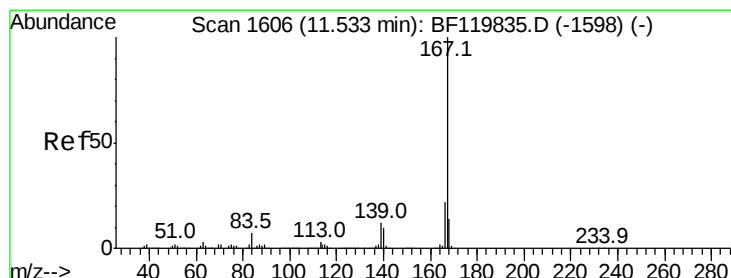
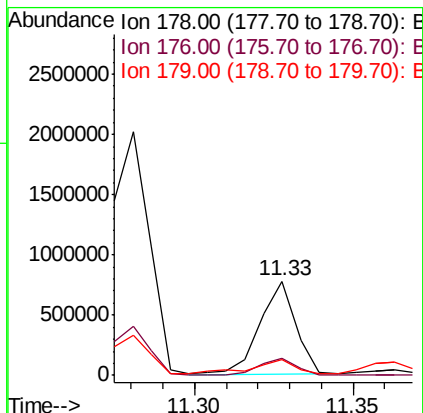
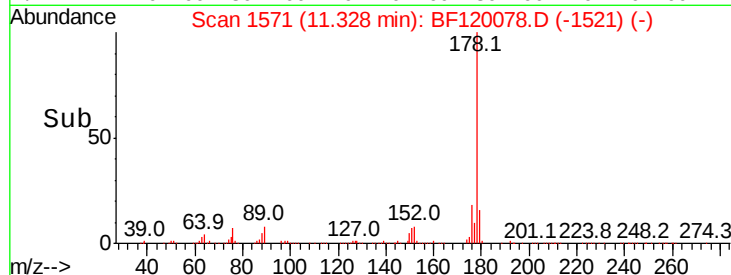
179 16.3 12.8 19.2



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



#73

Carbazole

Concen: 2.076 ng

RT: 11.48 min Scan# 1597

Delta R.T. -0.01 min

Lab File: BF120078.D

Acq: 20 Apr 2020 15:29

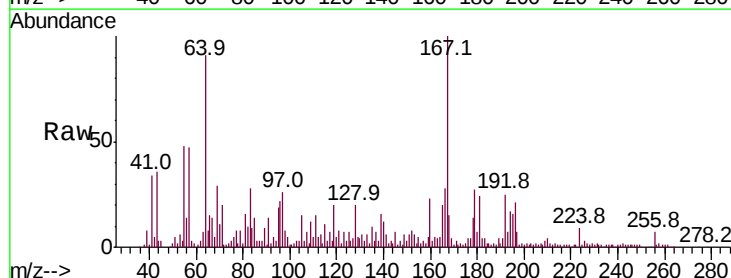
Tgt Ion:167 Resp: 77564

Ion Ratio Lower Upper

167 100

166 28.0 17.4 26.0#

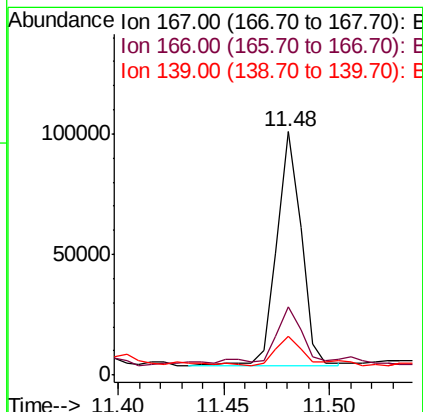
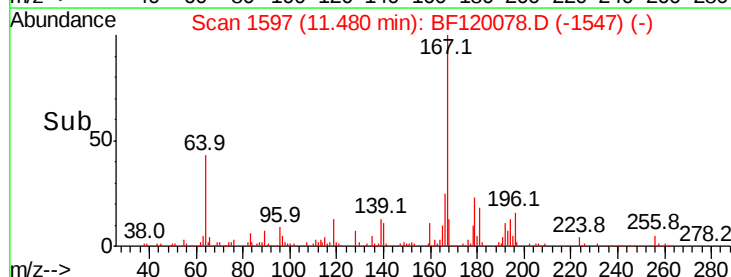
139 16.1 9.8 14.8#

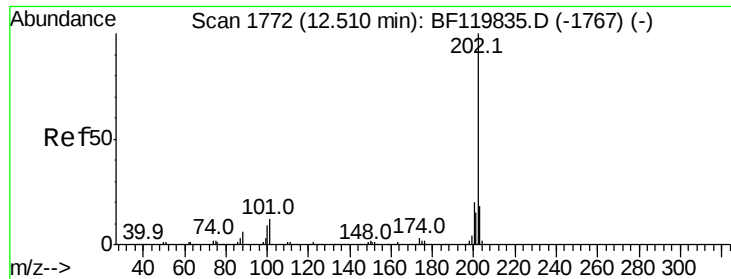


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#75

Fluoranthene

Concen: 31.677 ng

RT: 12.48 min Scan# 1767

Delta R.T. 0.01 min

Lab File: BF120078.D

Acq: 20 Apr 2020 15:29

Instrument :

BNA_F

ClientSampled :

WB-1-2DL

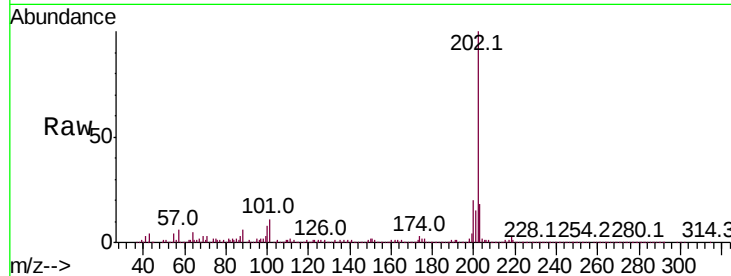
Tot Ion:202 Resp: 1321964

Ion Ratio Lower Upper

202 100

101 11.2 0.0 32.3

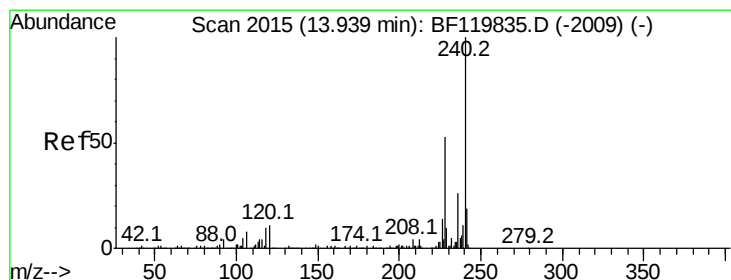
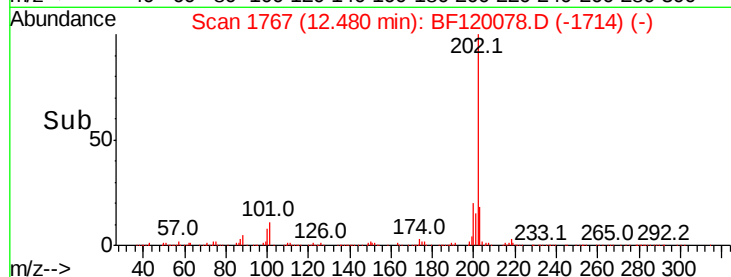
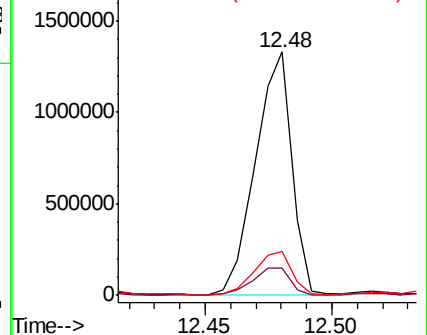
203 18.2 0.0 37.6



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: 13.90 min Scan# 2008

Delta R.T. 0.00 min

Lab File: BF120078.D

Acq: 20 Apr 2020 15:29

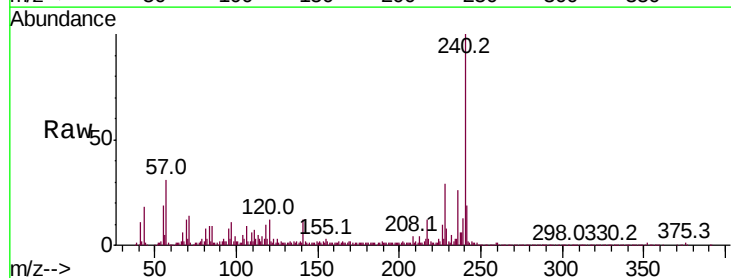
Tgt Ion:240 Resp: 492285

Ion Ratio Lower Upper

240 100

120 12.0 9.0 13.6

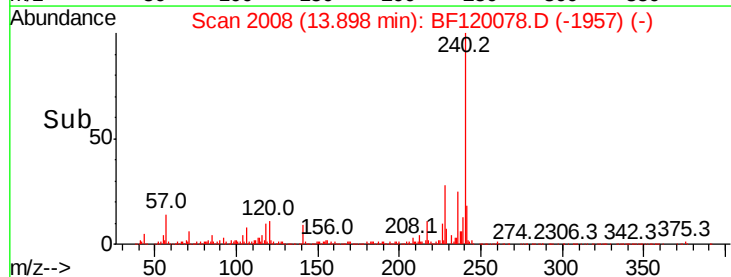
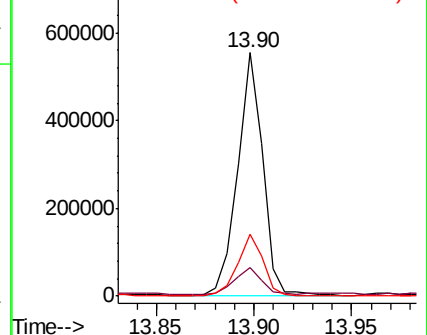
236 25.6 20.7 31.1

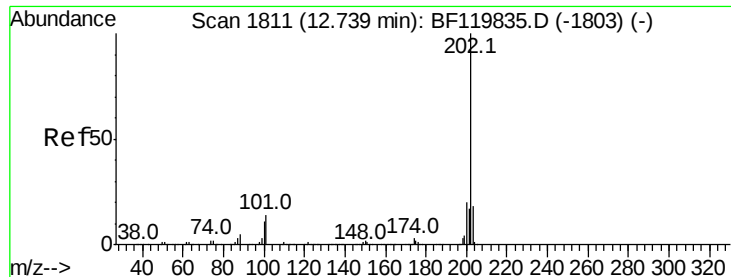


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Pvrene

Concen: 33.176 ng

RT: 12.70 min Scan# 1805

Delta R.T. 0.01 min

Lab File: BF120078.D

Acq: 20 Apr 2020 15:29

Instrument :

BNA_F

ClientSampleId :

WB-1-2DL

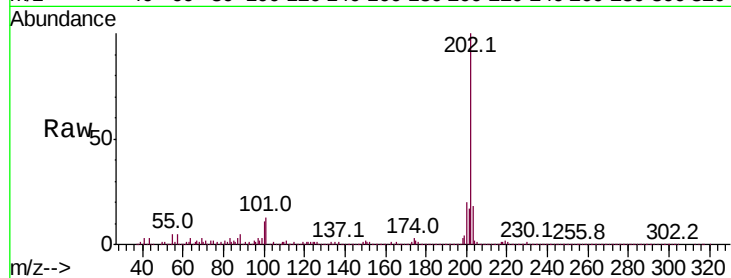
Tot Ion:202 Resp: 1376824

Ion Ratio Lower Upper

202 100

200 20.5 16.2 24.2

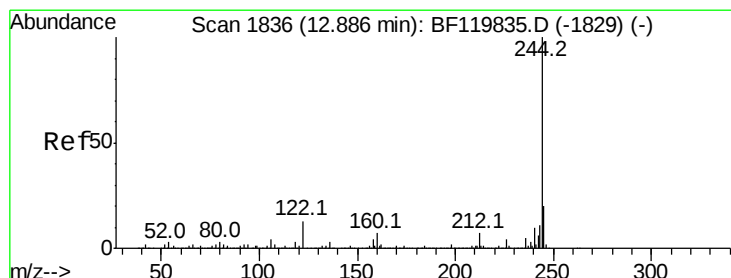
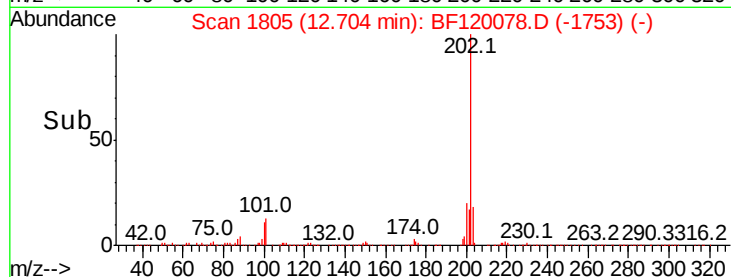
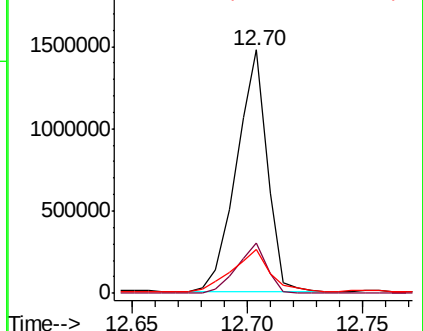
203 18.2 14.1 21.1



Abundance Ion 202.00 (201.70 to 202.70): E

2000000 Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79

Terphenyl-d14

Concen: 26.688 ng

RT: 12.84 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BF120078.D

Acq: 20 Apr 2020 15:29

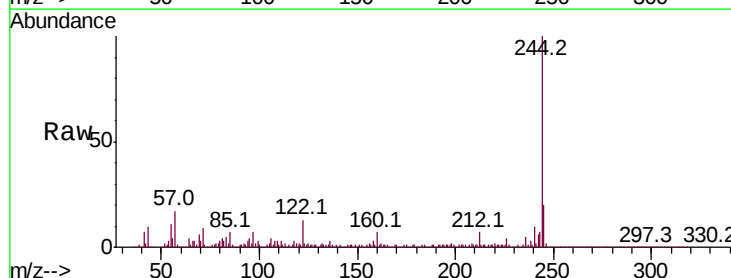
Tgt Ion:244 Resp: 780804

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

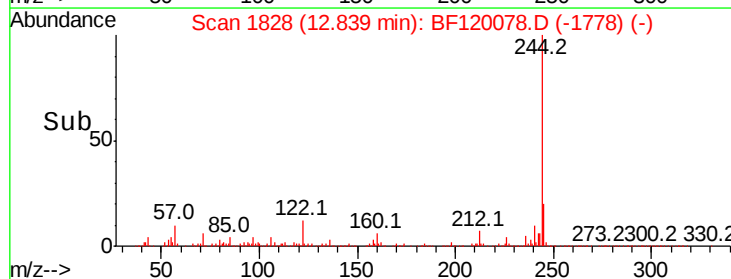
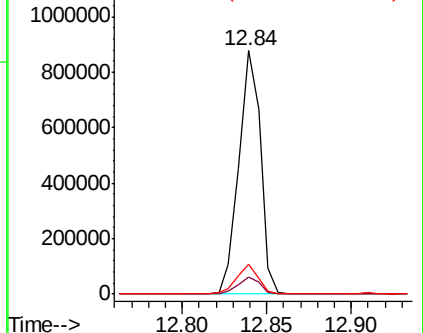
122 12.5 10.3 15.5

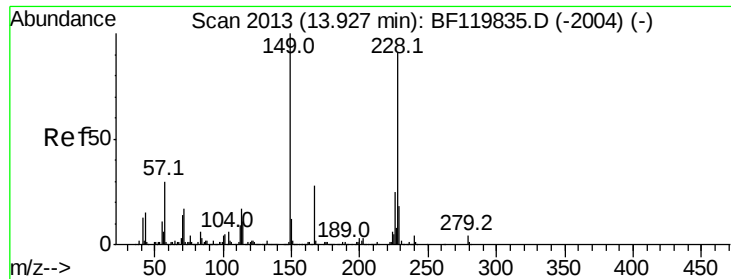


Abundance Ion 244.00 (243.70 to 244.70): E

1200000 Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#81

Benzo(a)anthracene

Concen: 17.285 ng

RT: 13.89 min Scan# 2006

Delta R.T. 0.00 min

Lab File: BF120078.D

Acq: 20 Apr 2020 15:29

Instrument :

BNA_F

ClientSampleId :

WB-1-2DL

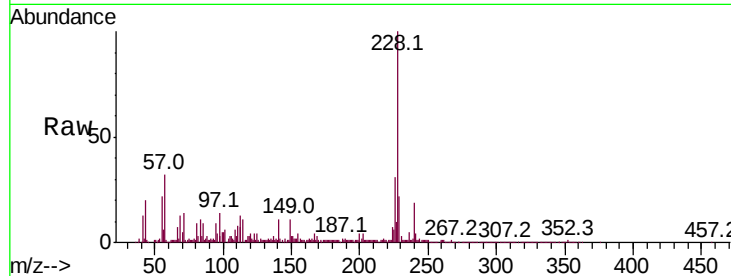
Tot Ion:228 Resp: 559788

Ion Ratio Lower Upper

228 100

226 30.7 21.9 32.9

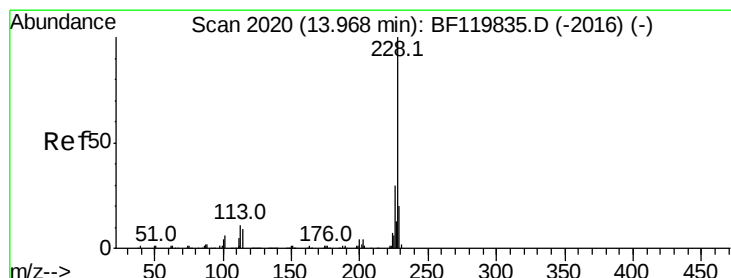
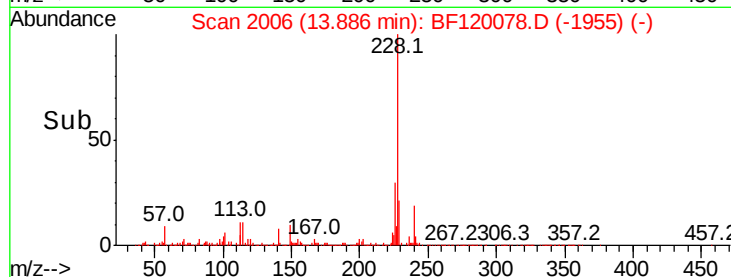
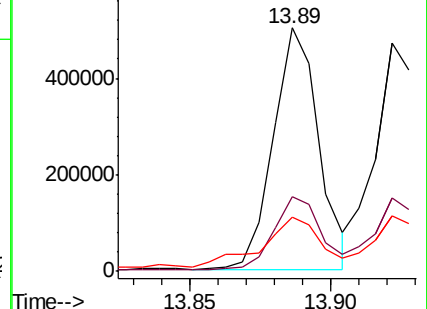
229 22.2 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Chrysene

Concen: 17.011 ng

RT: 13.89 min Scan# 2006

Delta R.T. -0.04 min

Lab File: BF120078.D

Acq: 20 Apr 2020 15:29

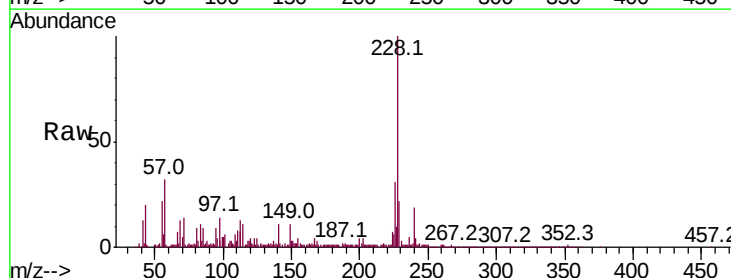
Tgt Ion:228 Resp: 559788

Ion Ratio Lower Upper

228 100

226 30.7 24.2 36.2

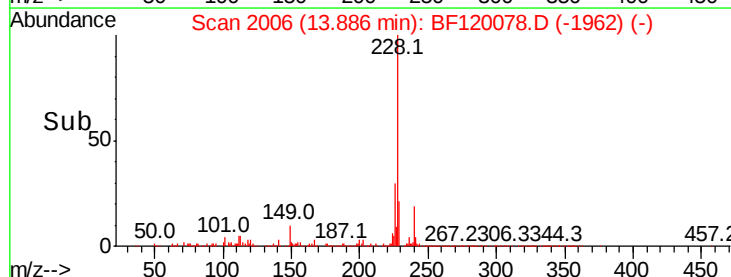
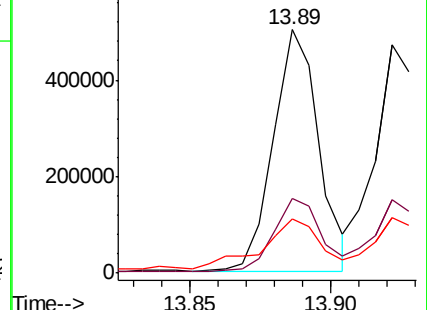
229 22.2 15.9 23.9

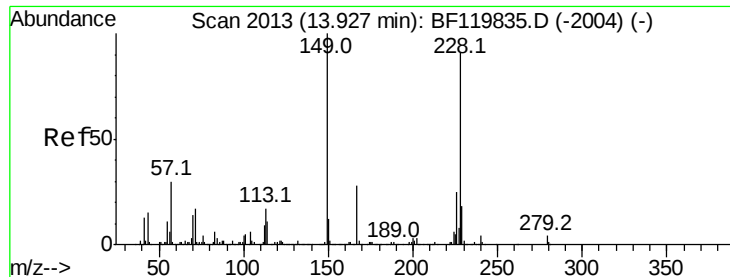


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 2.676 ng

RT: 13.88 min Scan# 2005

Delta R.T. 0.00 min

Lab File: BF120078.D

Acq: 20 Apr 2020 15:29

Instrument :

BNA_F

ClientSampleId :

WB-1-2DL

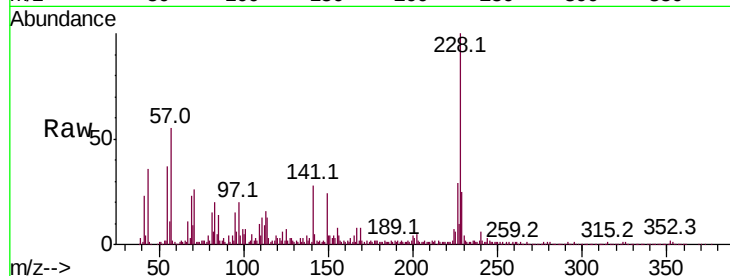
Tot Ion:149 Resp: 72967

Ion Ratio Lower Upper

149 100

167 33.2 22.2 33.2#

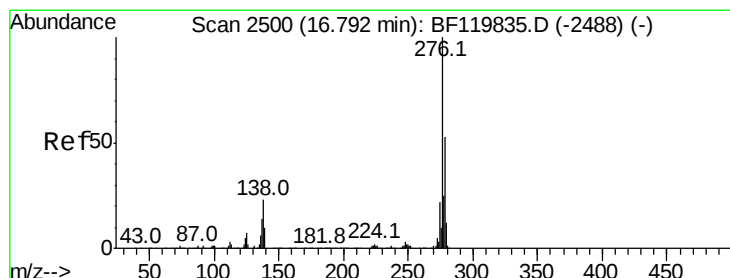
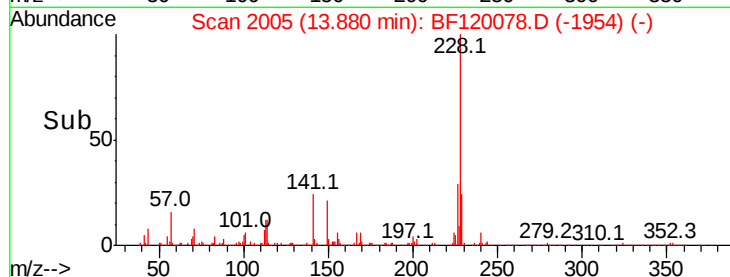
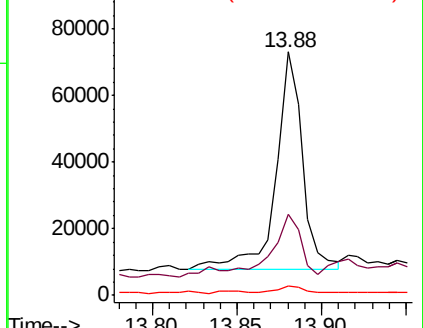
279 4.0 3.4 5.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#86

Indeno(1,2,3-cd)pyrene

Concen: 5.709 ng

RT: 16.72 min Scan# 2487

Delta R.T. -0.01 min

Lab File: BF120078.D

Acq: 20 Apr 2020 15:29

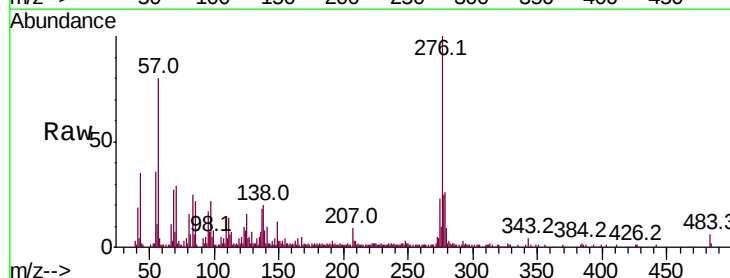
Tgt Ion:276 Resp: 165598

Ion Ratio Lower Upper

276 100

138 19.7 18.0 27.0

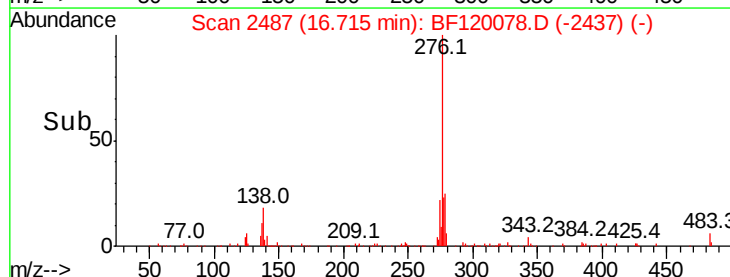
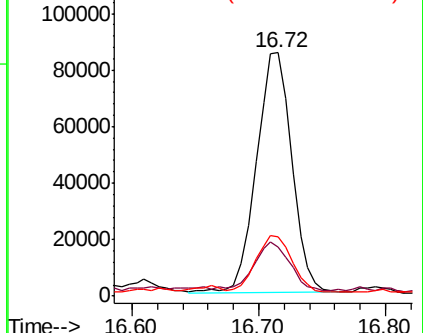
277 24.8 20.1 30.1

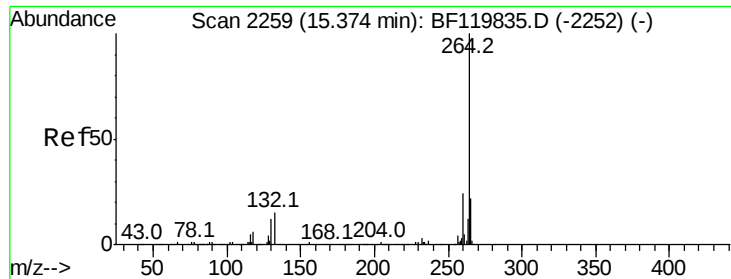


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.33 min Scan# 2252

Delta R.T. 0.01 min

Lab File: BF120078.D

Acq: 20 Apr 2020 15:29

Instrument :

BNA_F

ClientSampleId :

WB-1-2DL

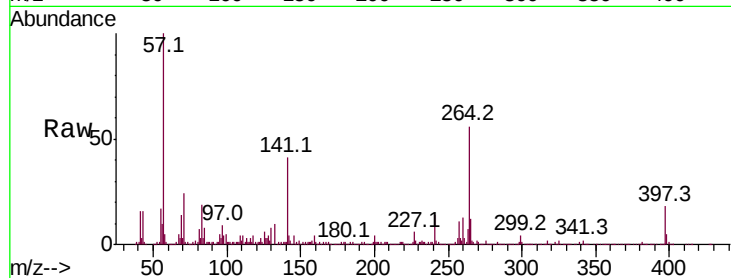
Tot Ion:264 Resp: 453578

Ion Ratio Lower Upper

264 100

260 23.1 19.3 28.9

265 21.2 17.6 26.4

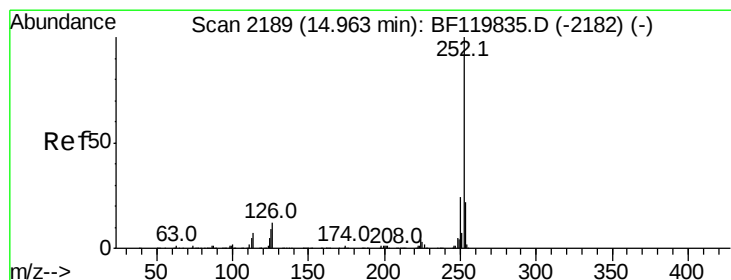
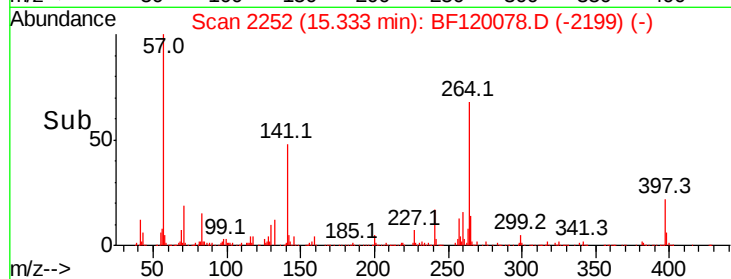
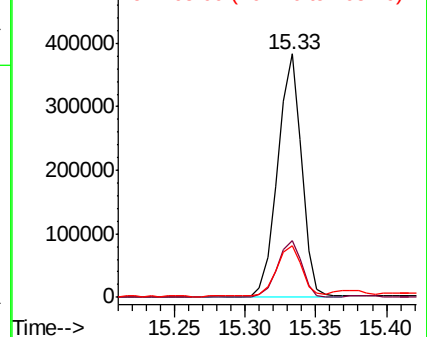


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 18.798 ng

RT: 14.93 min Scan# 2183

Delta R.T. 0.01 min

Lab File: BF120078.D

Acq: 20 Apr 2020 15:29

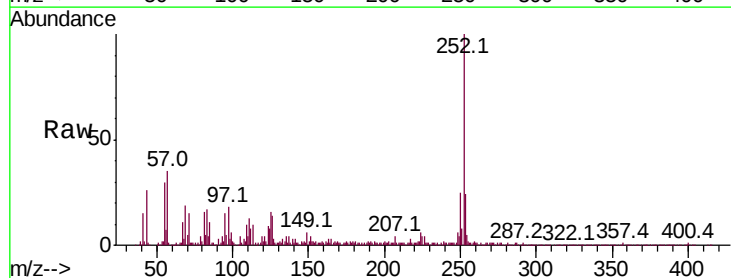
Tgt Ion:252 Resp: 613368

Ion Ratio Lower Upper

252 100

253 23.6 17.7 26.5

125 16.2 7.4 11.2#

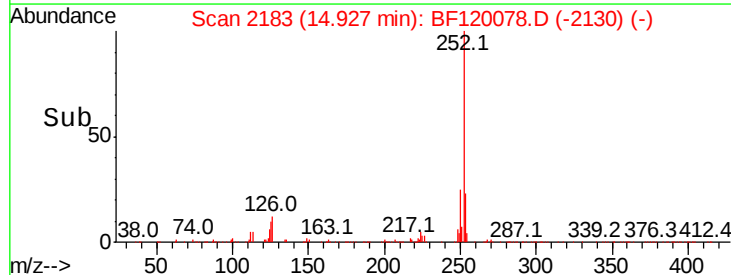
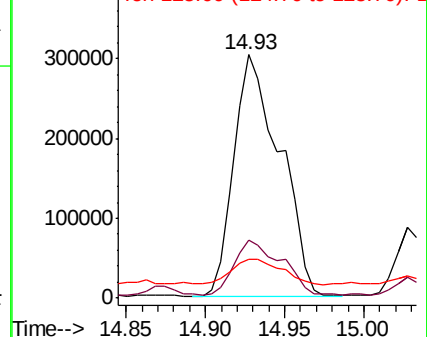


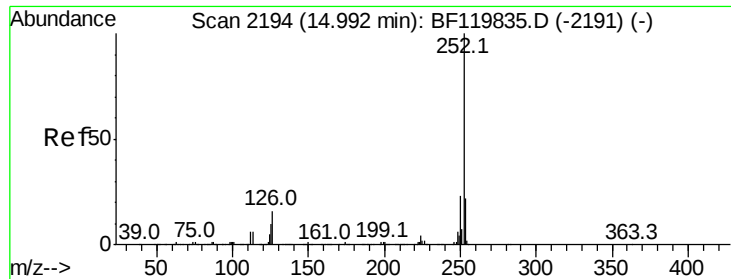
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

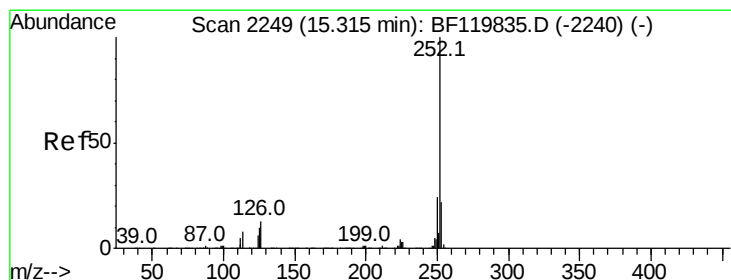
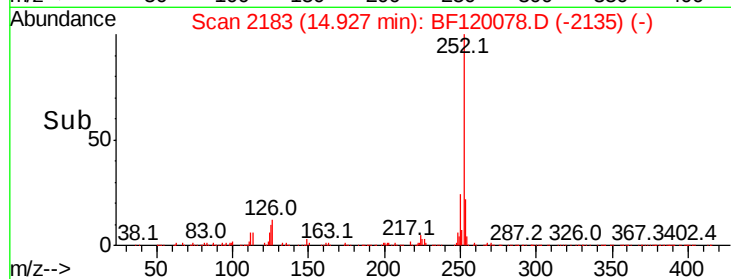
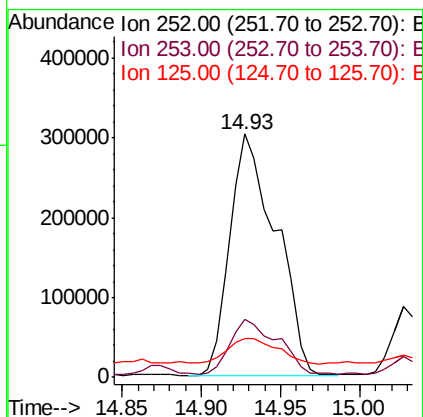
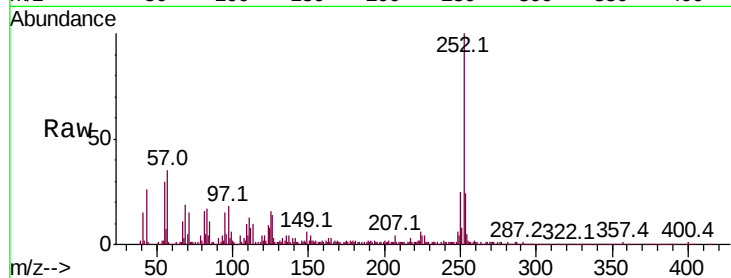




#89
Benzo(k)fluoranthene
Concen: 21.787 ng
RT: 14.93 min Scan# 2183
Delta R.T. -0.02 min
Lab File: BF120078.D
Acq: 20 Apr 2020 15:29

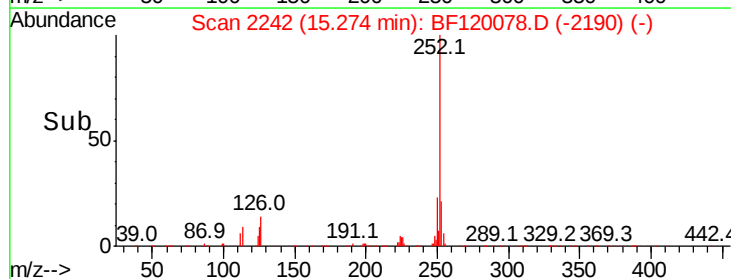
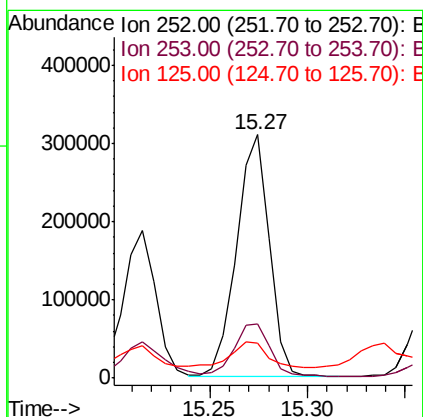
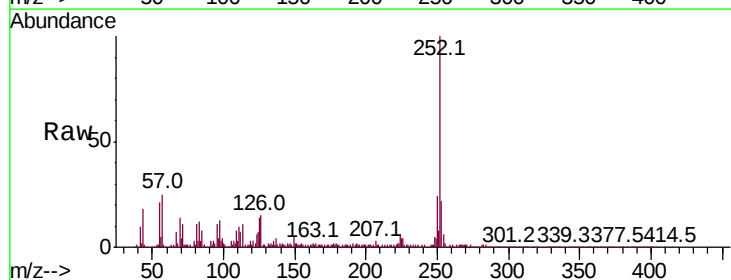
Instrument :
BNA_F
ClientSampleId :
WB-1-2DL

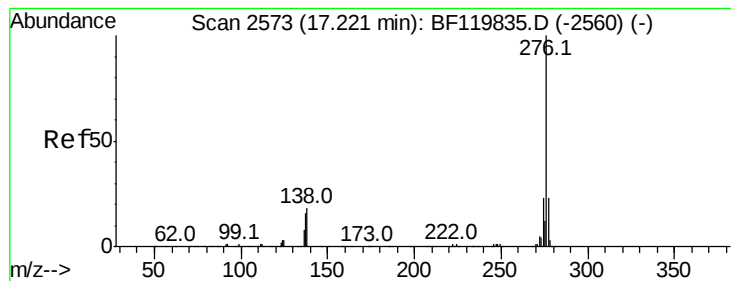
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.8	26.8
125	16.2	7.7	11.5



#90
Benzo(a)pyrene
Concen: 13.084 ng
RT: 15.27 min Scan# 2242
Delta R.T. 0.01 min
Lab File: BF120078.D
Acq: 20 Apr 2020 15:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.4	26.2
125	14.2	8.3	12.5





#92

Benzo(a,h,i)perylene

Concen: 6.014 ng

RT: 17.13 min Scan# 2558

Delta R.T. -0.01 min

Lab File: BF120078.D

Acq: 20 Apr 2020 15:29

Instrument :

BNA_F

ClientSampleId :

WB-1-2DL

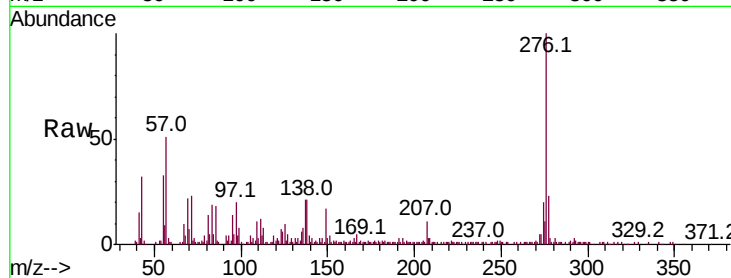
Tot Ion:276 Resp: 144257

Ion Ratio Lower Upper

276 100

277 23.5 18.5 27.7

138 20.9 14.6 22.0



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

