

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100220\
 Data File : BF121790.D
 Acq On : 2 Oct 2020 13:05
 Operator : JU/CG
 Sample : L4193-04DL 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-13(11-13)DL

Quant Time: Oct 02 14:01:29 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 01 14:29:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	146748	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	571673	20.00	ng	-0.01
39) Acenaphthene-d10	9.80	164	298025	20.00	ng	-0.01
64) Phenanthrene-d10	11.29	188	561235	20.00	ng	0.00
76) Chrysene-d12	13.92	240	375820	20.00	ng	-0.01
86) Perylene-d12	15.36	264	317897	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	203811	20.64	ng	0.00
7) Phenol-d6	6.40	99	269194	20.78	ng	-0.02
23) Nitrobenzene-d5	7.32	82	179666	16.87	ng	-0.02
42) 2,4,6-Tribromophenol	10.59	330	75317	20.33	ng	-0.02
45) 2-Fluorobiphenyl	9.12	172	315135	16.01	ng	-0.02
79) Terphenyl-d14	12.86	244	316922	17.08	ng	-0.02

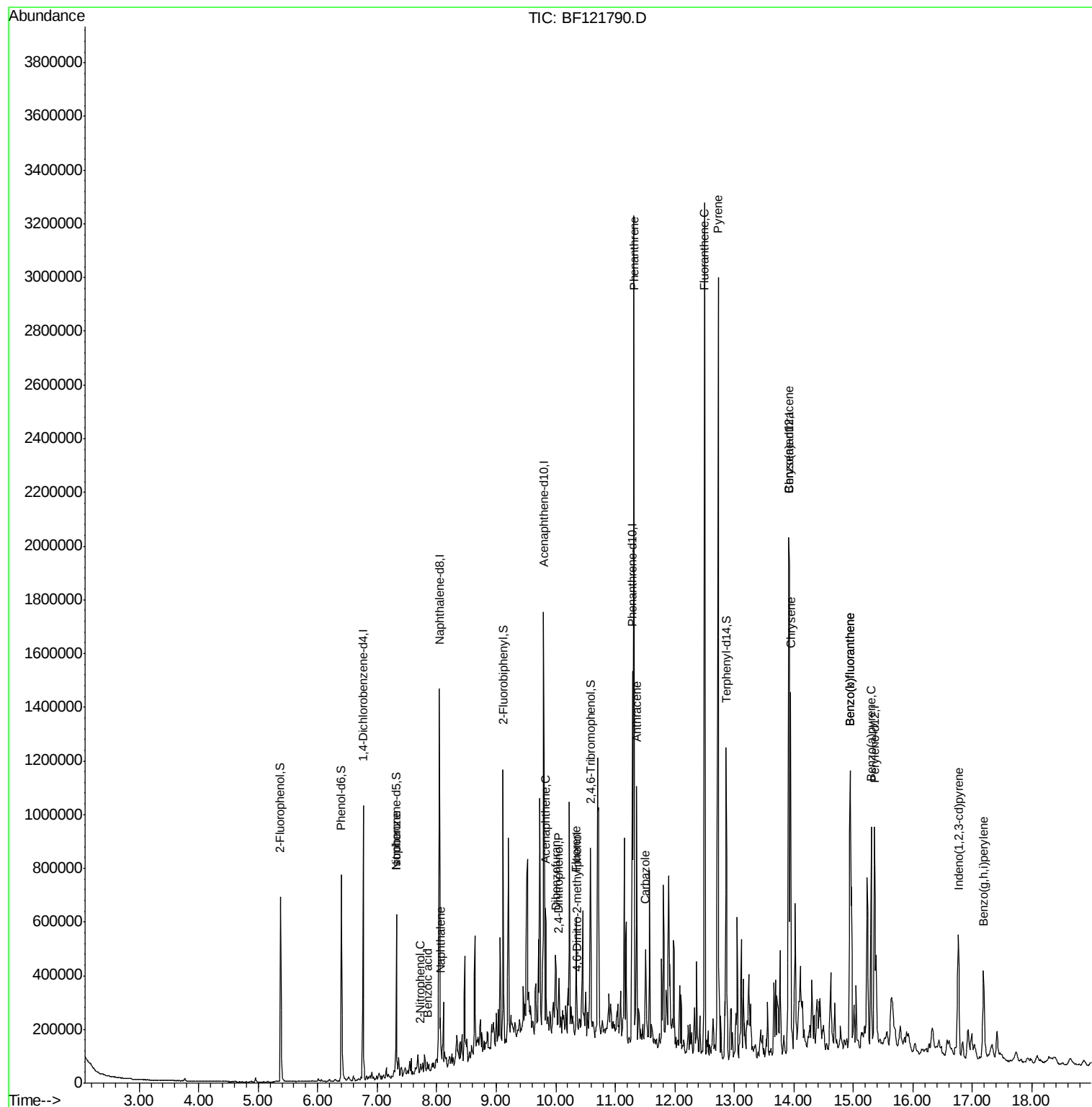
Target Compounds				Qvalue		
25) Isophorone	7.32	82	174508	8.142	ng	# 67
26) 2-Nitrophenol	7.72	139	267	2.606	ng	# 1
31) Naphthalene	8.06	128	68899	2.283	ng	100
32) Benzoic acid	7.84	122	989	7.054	ng	# 33
52) Acenaphthene	9.83	154	88778	4.866	ng	98
54) 2,4-Dinitrophenol	10.05	184	118	9.087	ng	# 1
55) Dibenzofuran	10.00	168	78167	3.042	ng	96
58) Fluorene	10.35	166	102569	5.220	ng	99
65) 4,6-Dinitro-2-methylphenol	10.36	198	140	6.887	ng	# 1
71) Phenanthrene	11.31	178	1148582	37.562	ng	99
72) Anthracene	11.36	178	335692	10.638	ng	98
73) Carbazole	11.52	167	128031	4.496	ng	98
75) Fluoranthene	12.50	202	1496036	45.831	ng	98
78) Pyrene	12.73	202	1231962	44.866	ng	100
81) Benzo(a)anthracene	13.91	228	615484	25.887	ng	99
83) Chrysene	13.94	228	492671	20.463	ng	97
87) Indeno(1,2,3-cd)pyrene	16.76	276	275746	13.319	ng	97
88) Benzo(b)fluoranthene	14.94	252	750287	35.305	ng	99
89) Benzo(k)fluoranthene	14.94	252	750287	38.553	ng	98
90) Benzo(a)pyrene	15.30	252	389577	21.566	ng	98
92) Benzo(g,h,i)perylene	17.19	276	260792	15.395	ng	99

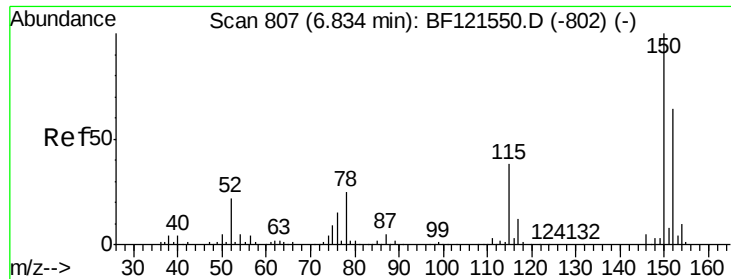
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.76 min Scan# 795

Delta R.T. -0.01 min

Lab File: BF121790.D

Acq: 2 Oct 2020 13:05

Instrument :

BNA_F

ClientSampleId :

B-13(11-13)DL

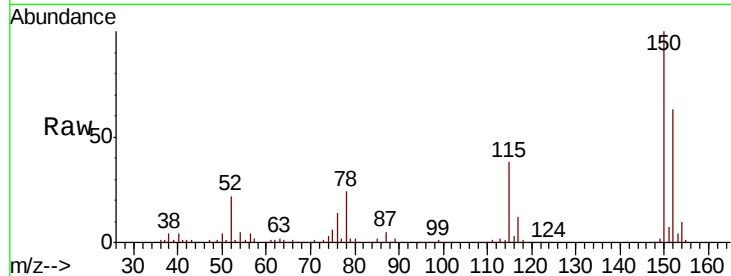
Tot Ion:152 Resp: 146748

Ion Ratio Lower Upper

152 100

150 159.2 125.3 187.9

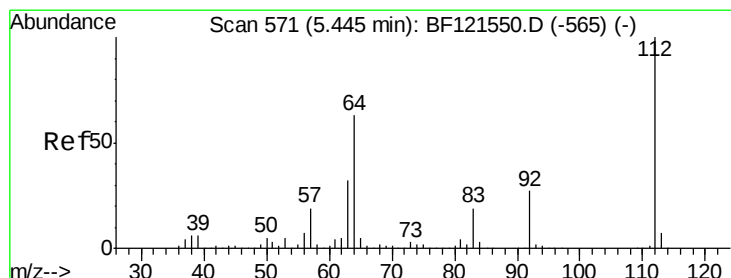
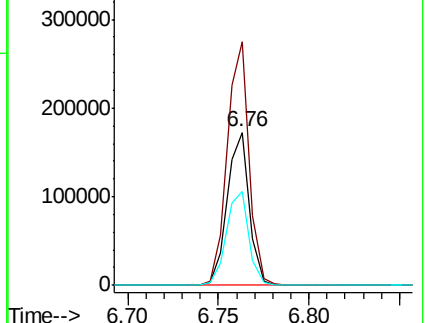
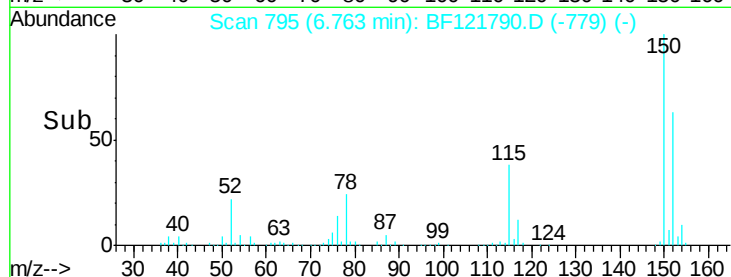
115 61.2 51.9 77.9



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: 20.640 ng

RT: 5.38 min Scan# 560

Delta R.T. -0.01 min

Lab File: BF121790.D

Acq: 2 Oct 2020 13:05

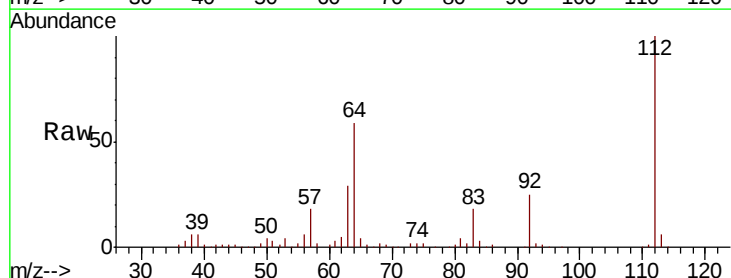
Tgt Ion:112 Resp: 203811

Ion Ratio Lower Upper

112 100

64 59.1 50.4 75.6

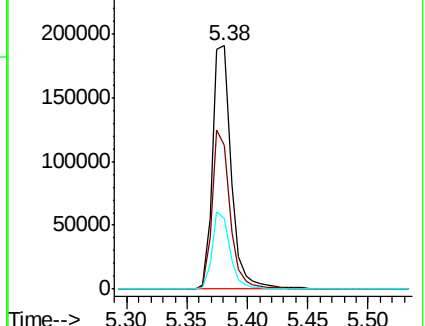
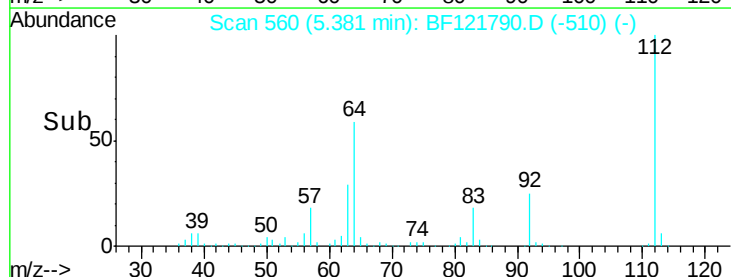
63 29.1 25.8 38.6

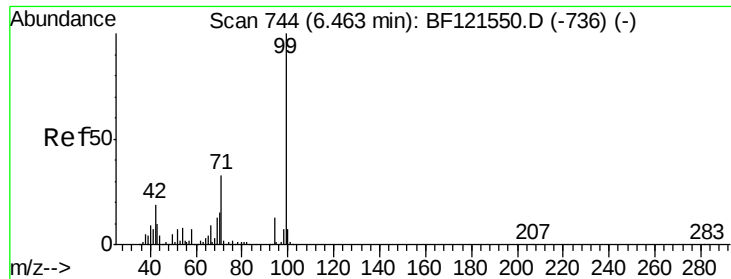


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 20.779 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.02 min

Lab File: BF121790.D

Acq: 2 Oct 2020 13:05

Instrument :

BNA_F

ClientSampleId :

B-13(11-13)DL

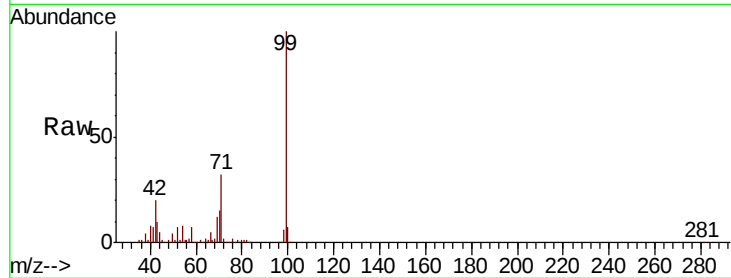
Tot Ion: 99 Resp: 269194

Ion Ratio Lower Upper

99 100

42 19.7 15.9 23.9

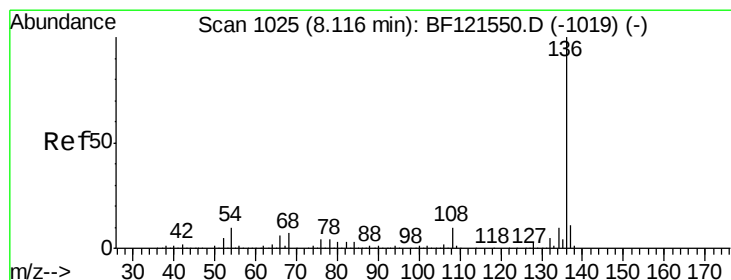
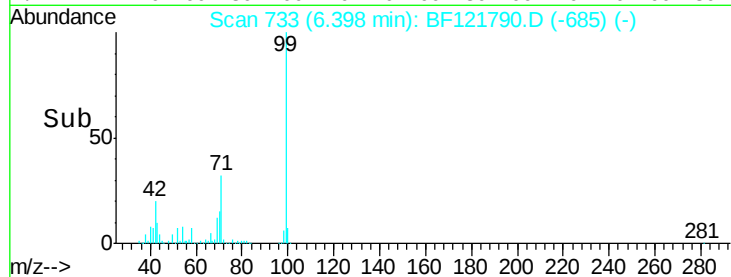
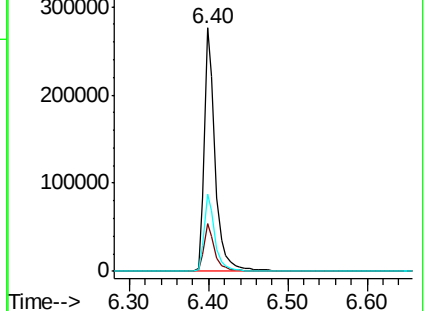
71 31.8 27.1 40.7



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.05 min Scan# 1013

Delta R.T. -0.01 min

Lab File: BF121790.D

Acq: 2 Oct 2020 13:05

Tgt Ion: 136 Resp: 571673

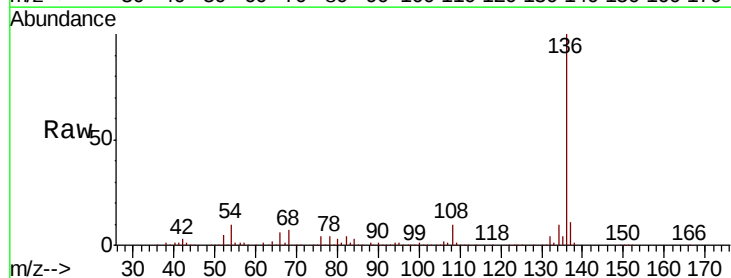
Ion Ratio Lower Upper

136 100

137 11.3 8.6 13.0

54 9.6 7.1 10.7

68 7.1 5.0 7.4

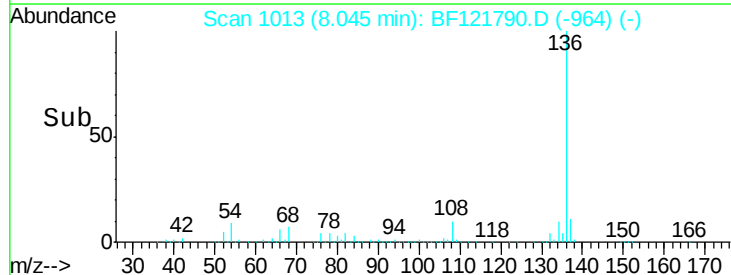
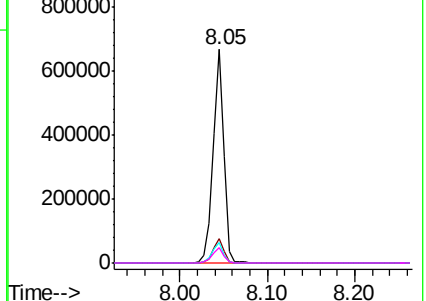


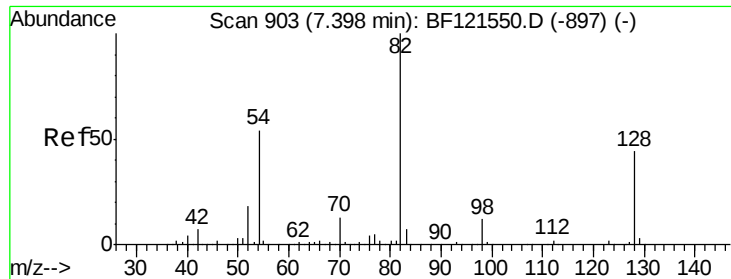
Abundance Ion 136.00 (135.70 to 136.70): E

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

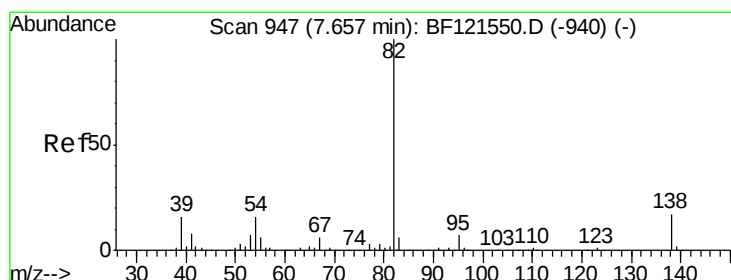
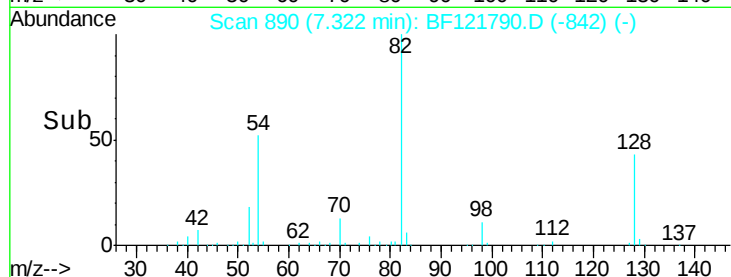
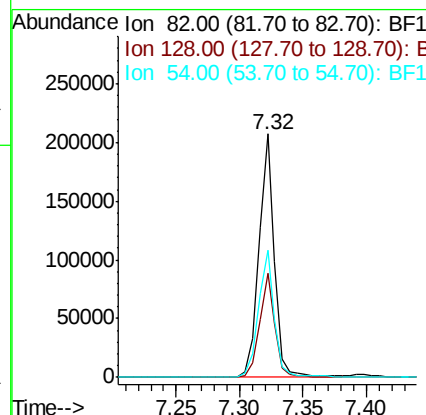
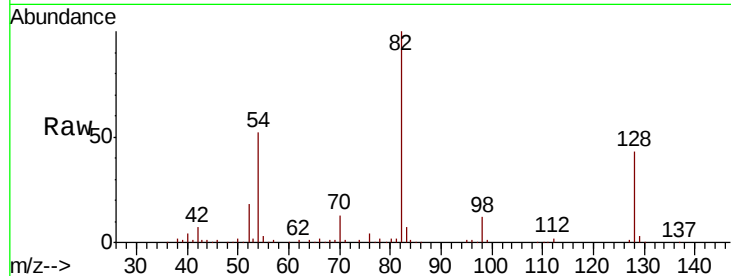




#23
Nitrobenzene-d5
Concen: 16.874 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.02 min
Lab File: BF121790.D
Acq: 2 Oct 2020 13:05

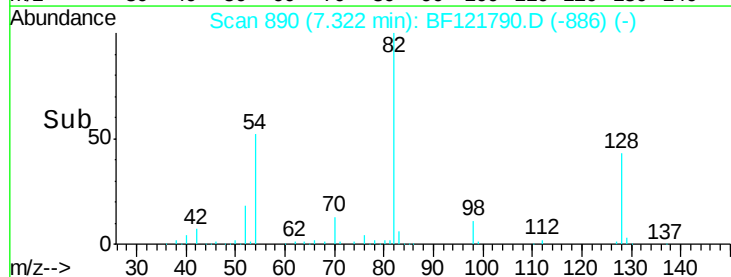
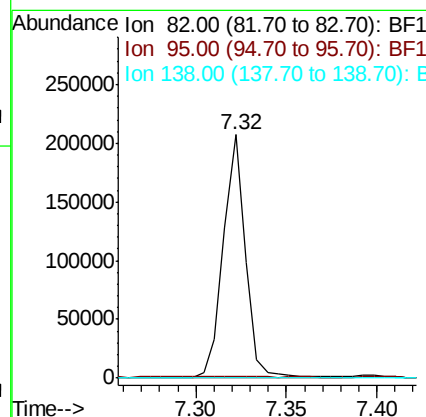
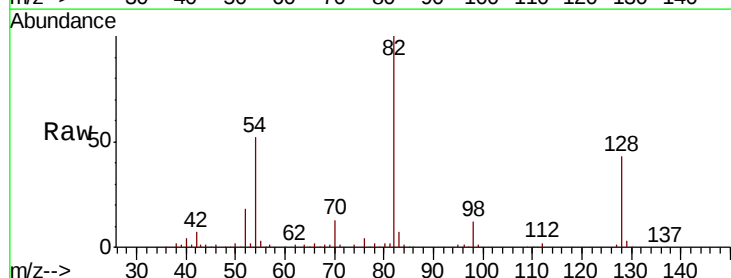
Instrument :
BNA_F
ClientSampleId :
B-13(11-13)DL

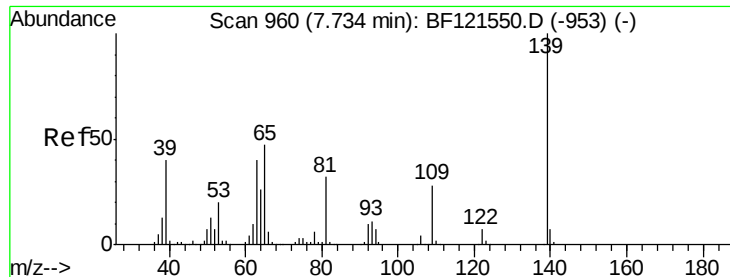
Tot Ion	82	Resp	179666
Ion Ratio	Lower	Upper	
82	100		
128	42.9	35.0	52.4
54	52.2	43.9	65.9



#25
Isophorone
Concen: 8.142 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.28 min
Lab File: BF121790.D
Acq: 2 Oct 2020 13:05

Tgt Ion	82	Resp	174508
Ion Ratio	Lower	Upper	
82	100		
95	0.6	5.4	8.0#
138	0.0	13.4	20.0#





#26

2-Nitrophenol

Concen: 2.606 ng

RT: 7.72 min Scan# 957

Delta R.T. 0.04 min

Lab File: BF121790.D

Acq: 2 Oct 2020 13:05

Instrument :

BNA_F

ClientSampleId :

B-13(11-13)DL

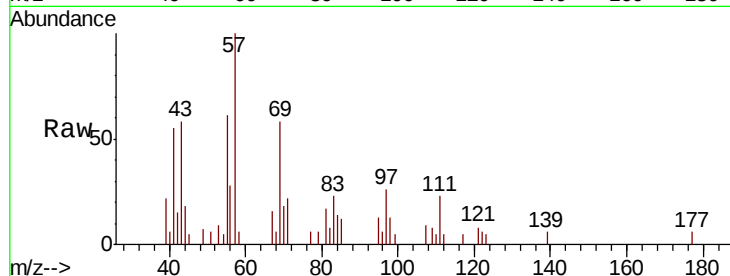
Tot Ion:139 Resp: 267

Ion Ratio Lower Upper

139 100

109 130.8 23.0 34.4#

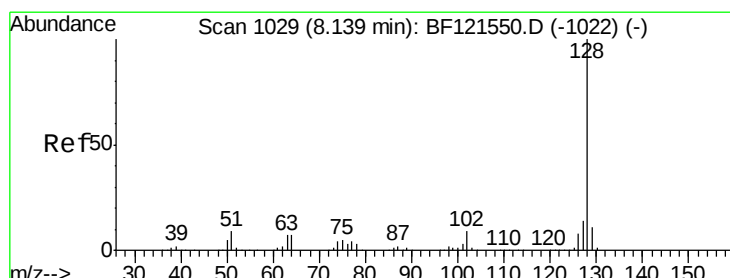
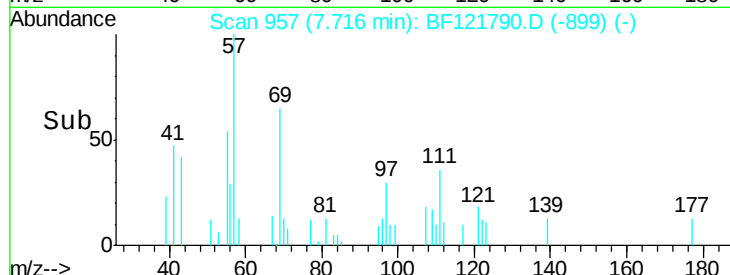
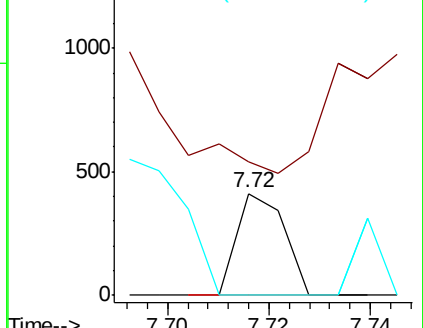
65 0.0 39.9 59.9#



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



#31

Naphthalene

Concen: 2.283 ng

RT: 8.06 min Scan# 1016

Delta R.T. -0.02 min

Lab File: BF121790.D

Acq: 2 Oct 2020 13:05

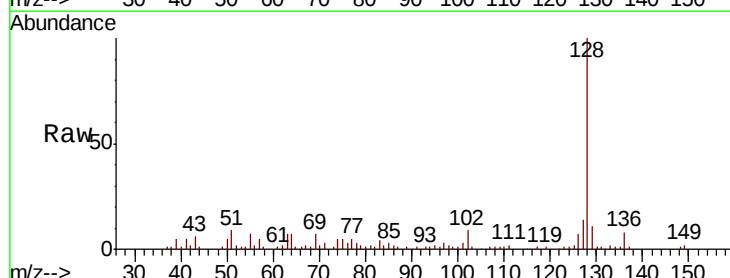
Tgt Ion:128 Resp: 68899

Ion Ratio Lower Upper

128 100

129 11.0 8.7 13.1

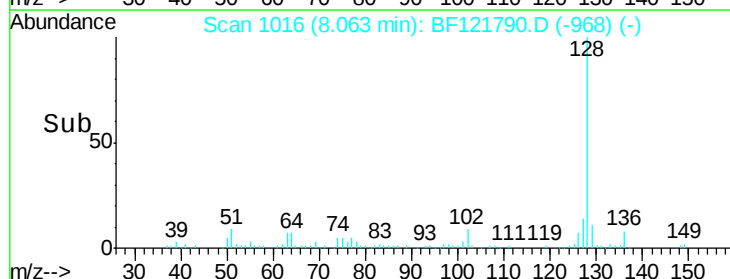
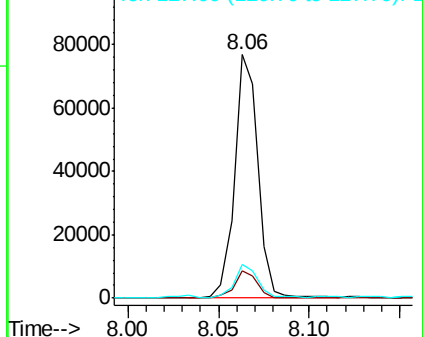
127 13.7 10.8 16.2

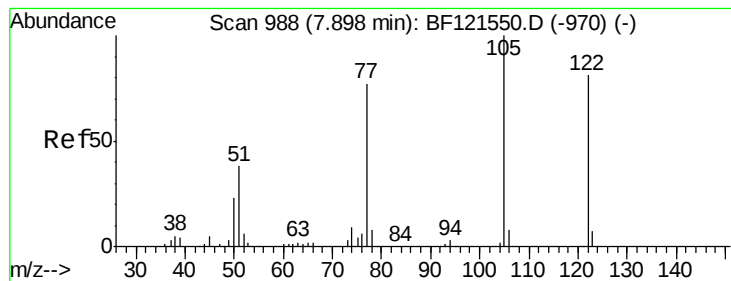


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#32

Benzoic acid

Concen: 7.054 ng

RT: 7.84 min Scan# 978

Delta R.T. -0.02 min

Lab File: BF121790.D

Acq: 2 Oct 2020 13:05

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B-13(11-13)DL

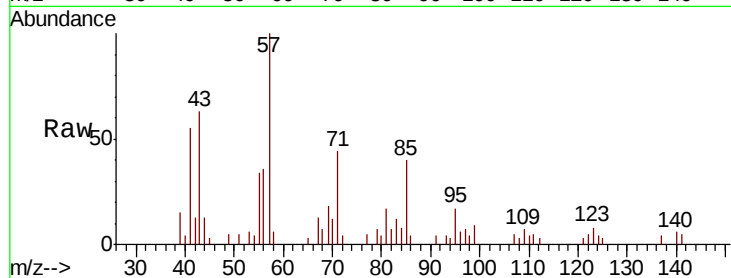
Tot Ion:122 Resp: 989

Ion Ratio Lower Upper

122 100

105 0.0 103.3 143.3#

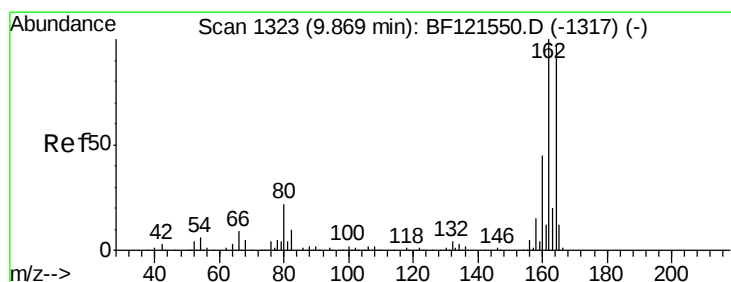
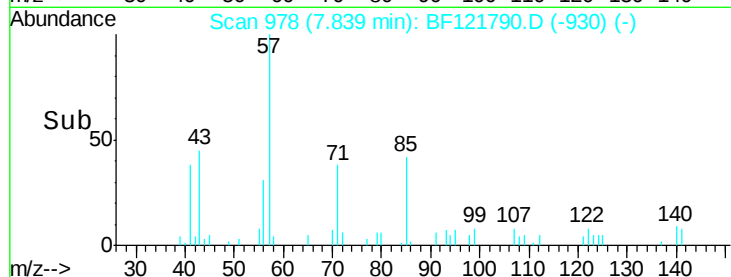
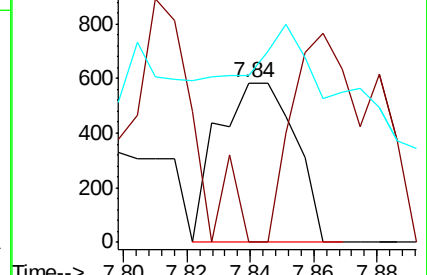
77 104.4 73.9 113.9



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.80 min Scan# 1311

Delta R.T. -0.01 min

Lab File: BF121790.D

Acq: 2 Oct 2020 13:05

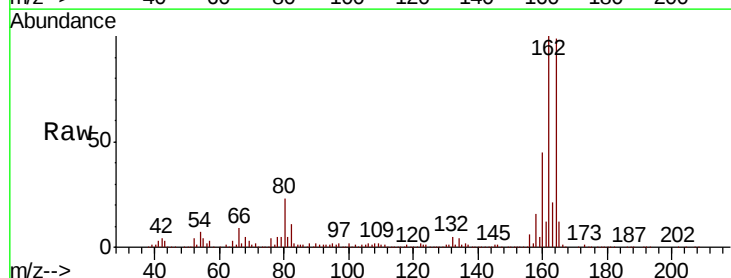
Tgt Ion:164 Resp: 298025

Ion Ratio Lower Upper

164 100

162 101.3 83.2 124.8

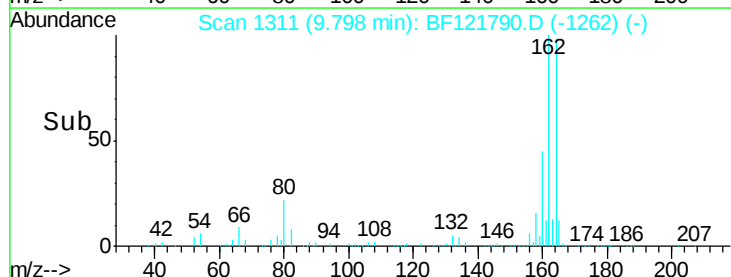
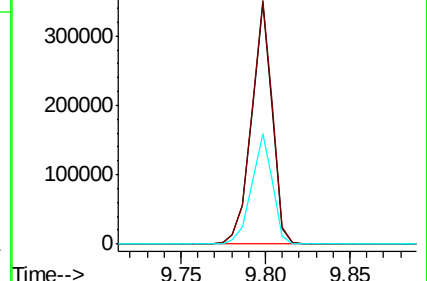
160 45.7 37.5 56.3

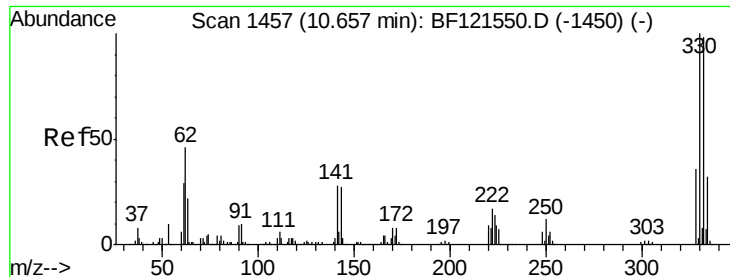


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

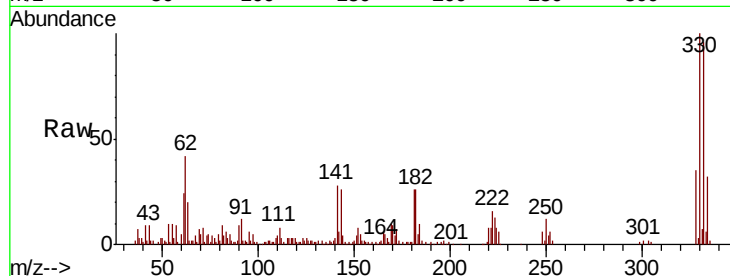




#42
 2,4,6-Tribromophenol
 Concen: 20.334 ng
 RT: 10.59 min Scan# 1445
 Delta R.T. -0.02 min
 Lab File: BF121790.D
 Acq: 2 Oct 2020 13:05

Instrument :
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 B-13(11-13)DL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.3	115.9
141	30.0	22.3	33.5

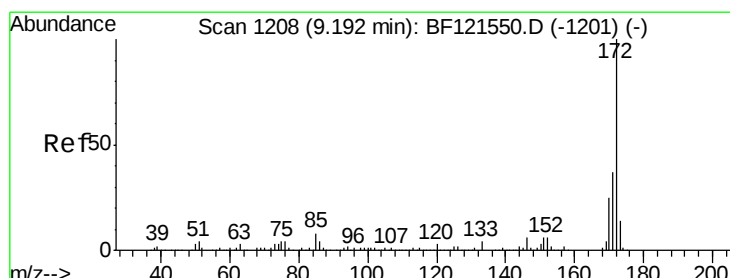
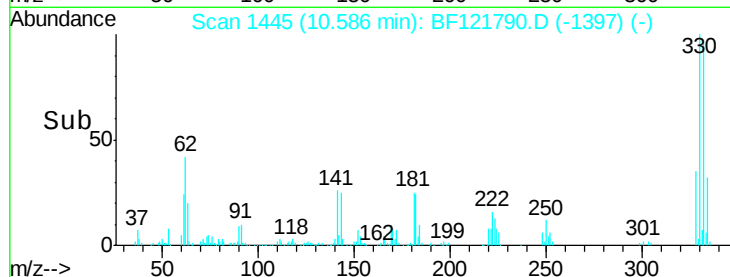
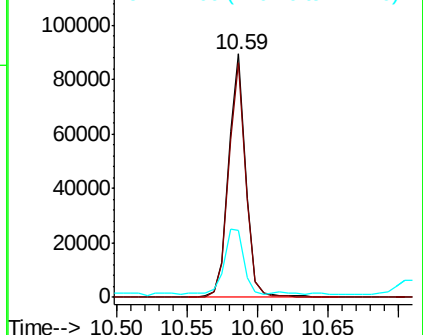


Abundance

Ion 329.80 (329.50 to 330.50): E

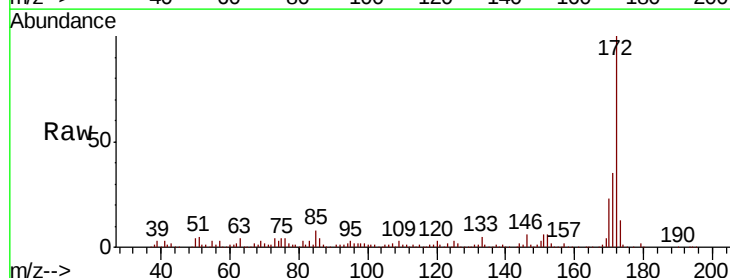
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 16.015 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.02 min
 Lab File: BF121790.D
 Acq: 2 Oct 2020 13:05

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.8	29.1	43.7
170	23.3	19.8	29.6

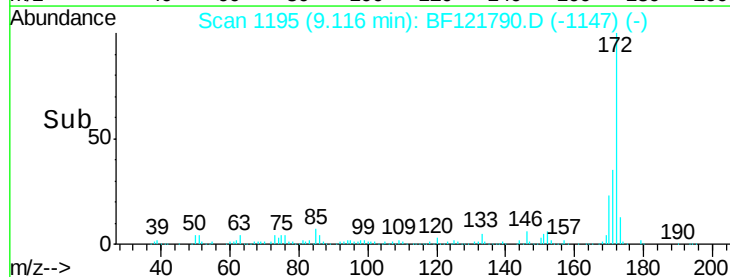
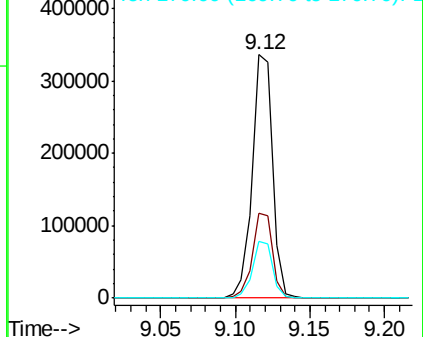


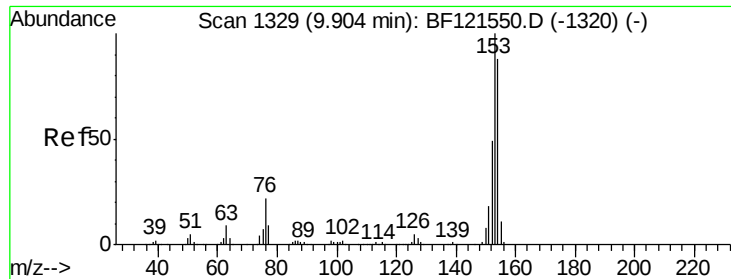
Abundance

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





#52

Acenaphthene

Concen: 4.866 ng

RT: 9.83 min Scan# 1316

Delta R.T. -0.02 min

Lab File: BF121790.D

Acq: 2 Oct 2020 13:05

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B-13(11-13)DL

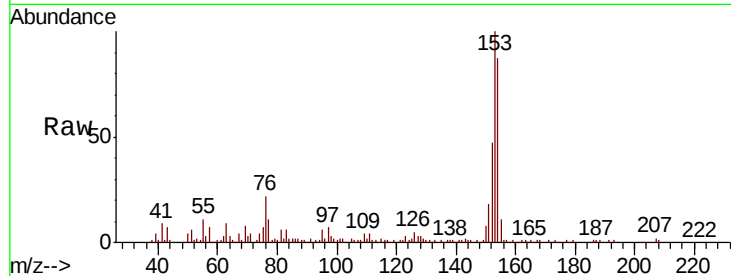
Tot Ion:154 Resp: 88778

Ion Ratio Lower Upper

154 100

153 114.8 89.8 134.8

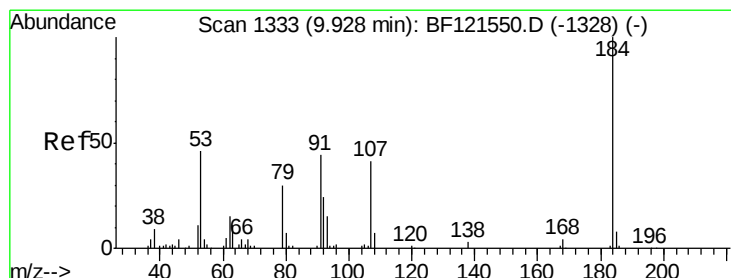
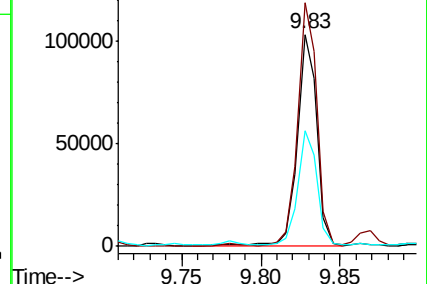
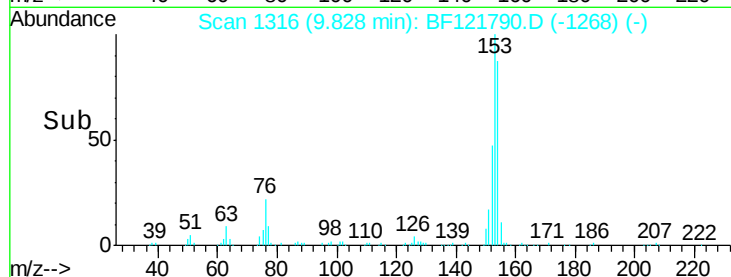
152 54.2 43.2 64.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#54

2,4-Dinitrophenol

Concen: 9.087 ng

RT: 10.05 min Scan# 1354

Delta R.T. 0.17 min

Lab File: BF121790.D

Acq: 2 Oct 2020 13:05

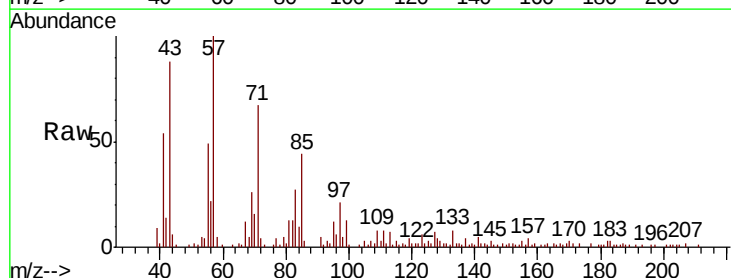
Tgt Ion:184 Resp: 118

Ion Ratio Lower Upper

184 100

63 126.9 45.9 68.9#

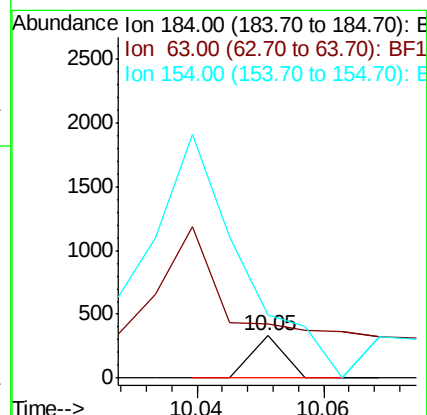
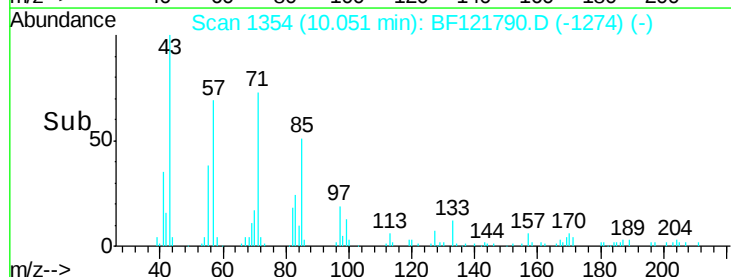
154 147.9 45.8 68.6#

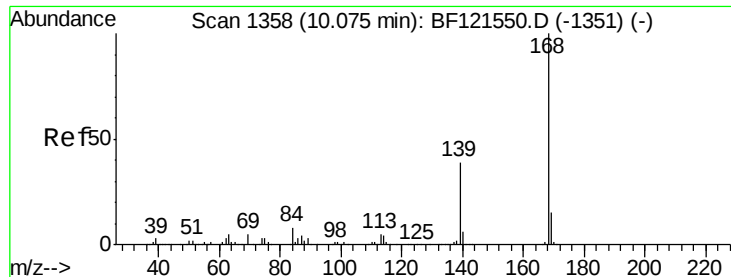


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

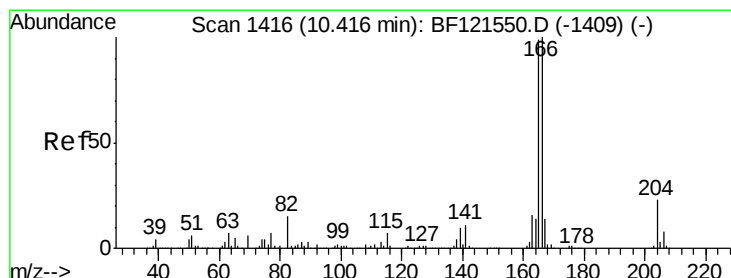
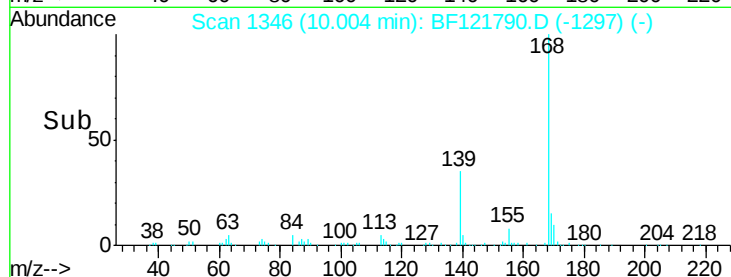
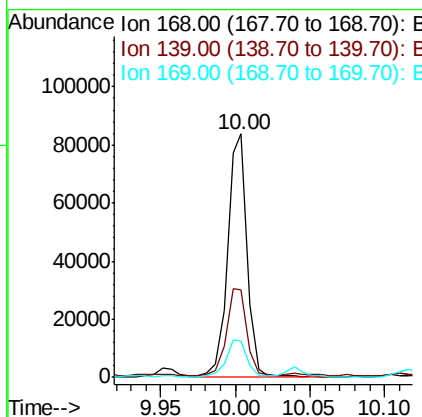
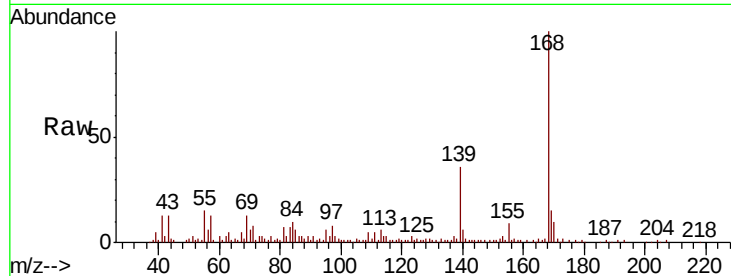




#55
Dibenzofuran
Concen: 3.042 ng
RT: 10.00 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BF121790.D
Acq: 2 Oct 2020 13:05

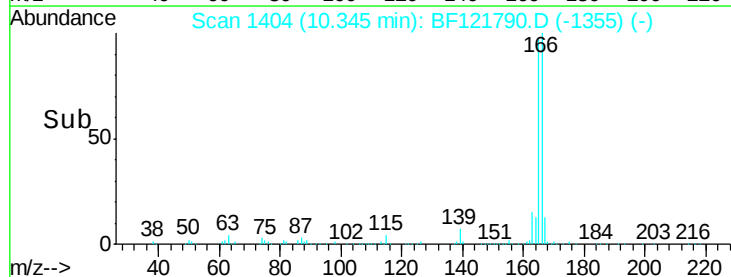
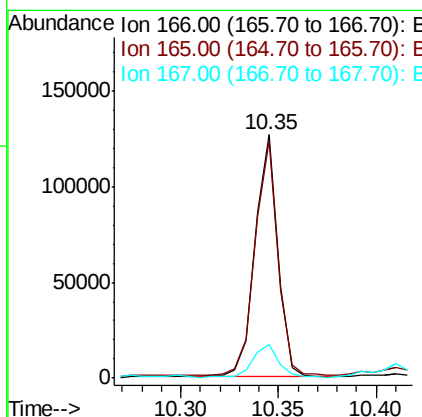
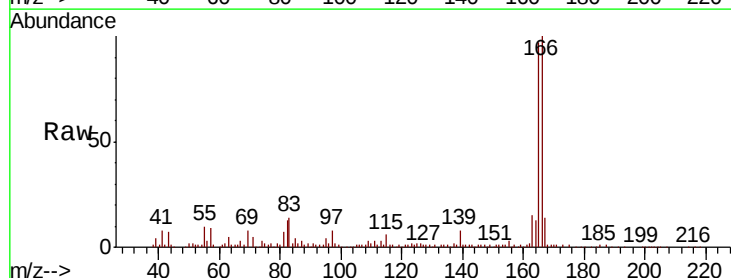
Instrument :
BNA_F
ClientSampleId :
B-13(11-13)DL

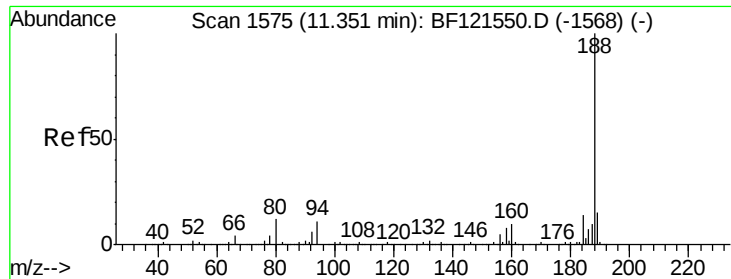
Tot Ion:168 Resp: 78167
Ion Ratio Lower Upper
168 100
139 36.0 31.0 46.6
169 14.7 11.3 16.9



#58
Fluorene
Concen: 5.220 ng
RT: 10.35 min Scan# 1404
Delta R.T. -0.01 min
Lab File: BF121790.D
Acq: 2 Oct 2020 13:05

Tgt Ion:166 Resp: 102569
Ion Ratio Lower Upper
166 100
165 97.2 79.1 118.7
167 13.8 11.0 16.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.29 min Scan# 1564

Delta R.T. -0.01 min

Lab File: BF121790.D

Acq: 2 Oct 2020 13:05

Instrument :

BNA_F

ClientSampleId :

B-13(11-13)DL

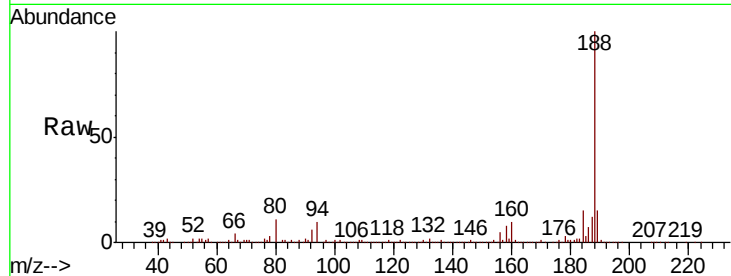
Tot Ion:188 Resp: 561235

Ion Ratio Lower Upper

188 100

94 10.4 8.3 12.5

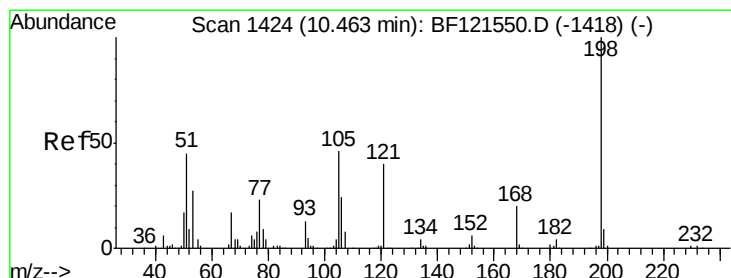
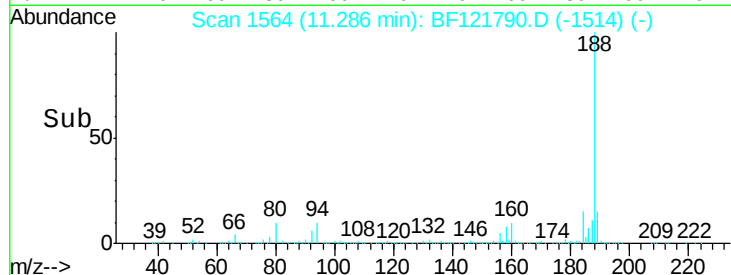
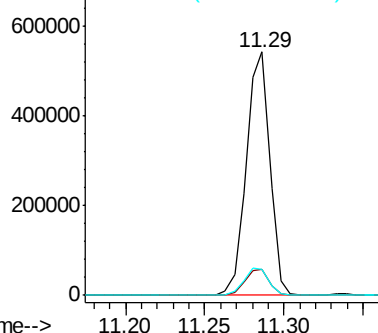
80 10.5 9.1 13.7



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



#65

4,6-Dinitro-2-methylphenol

Concen: 6.887 ng

RT: 10.36 min Scan# 1407

Delta R.T. -0.05 min

Lab File: BF121790.D

Acq: 2 Oct 2020 13:05

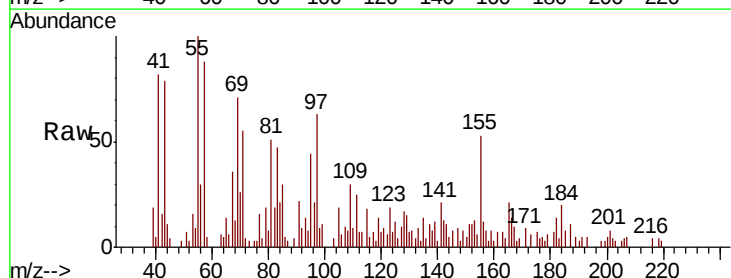
Tgt Ion:198 Resp: 140

Ion Ratio Lower Upper

198 100

51 211.4 29.6 69.6#

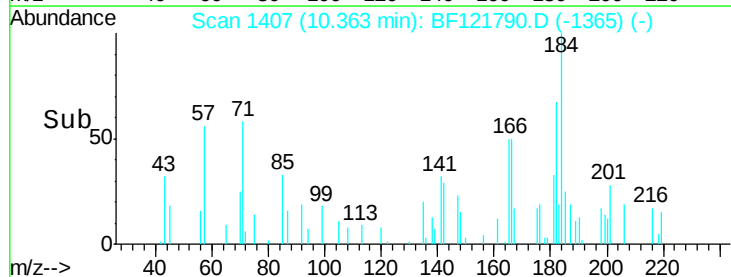
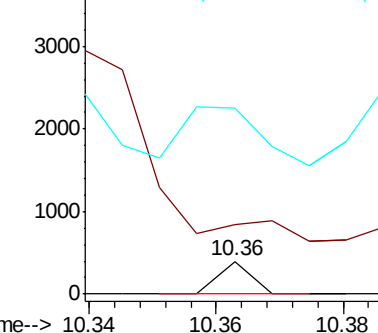
105 569.4 24.4 64.4#

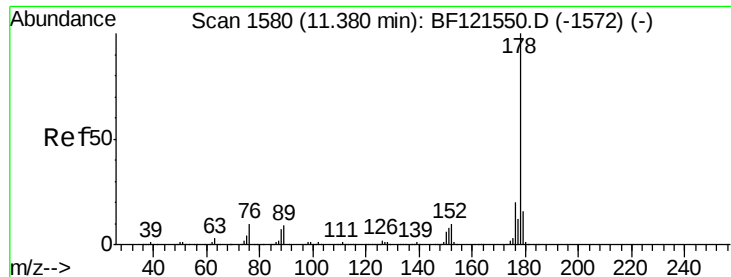


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

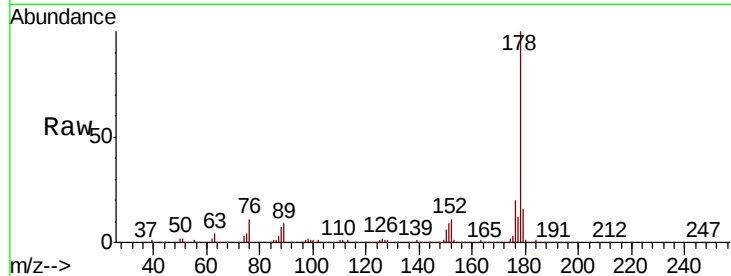




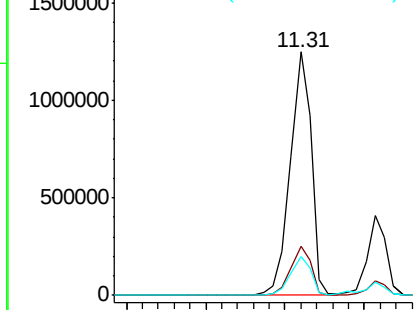
#71
Phenanthrene
Concen: 37.562 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF121790.D
Acq: 2 Oct 2020 13:05

Instrument :
BNA_F
ClientSampleId :
B-13(11-13)DL

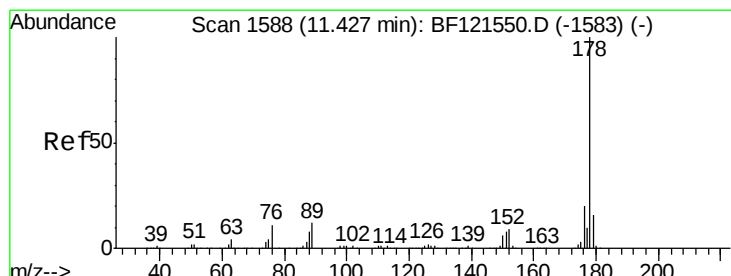
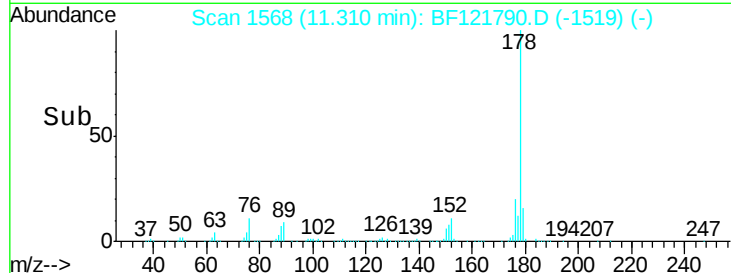
Tot Ion:178 Resp: 1148582
Ion Ratio Lower Upper
178 100
176 20.2 15.9 23.9
179 15.7 12.2 18.4



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

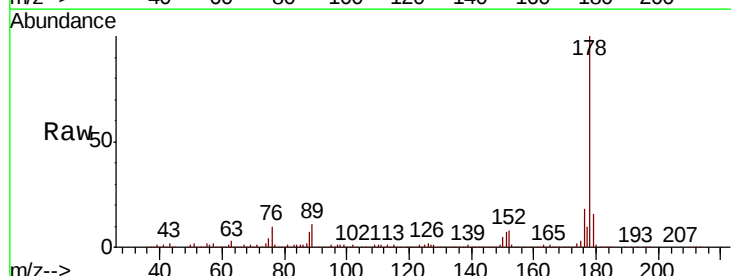


Time-->

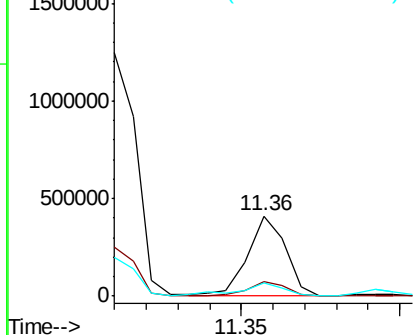


#72
Anthracene
Concen: 10.638 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF121790.D
Acq: 2 Oct 2020 13:05

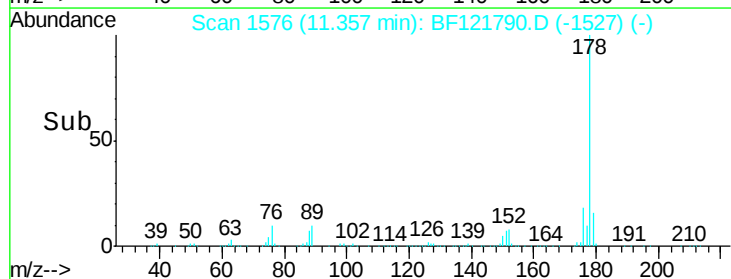
Tgt Ion:178 Resp: 335692
Ion Ratio Lower Upper
178 100
176 18.3 15.7 23.5
179 15.8 12.7 19.1

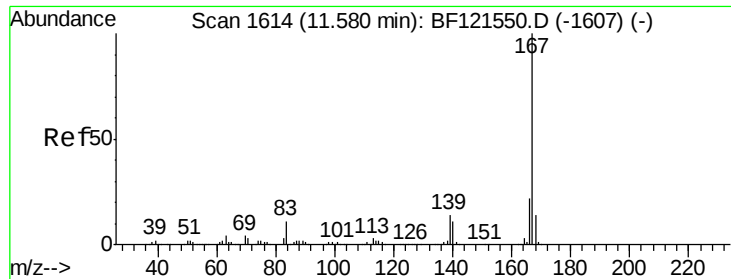


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



Time-->

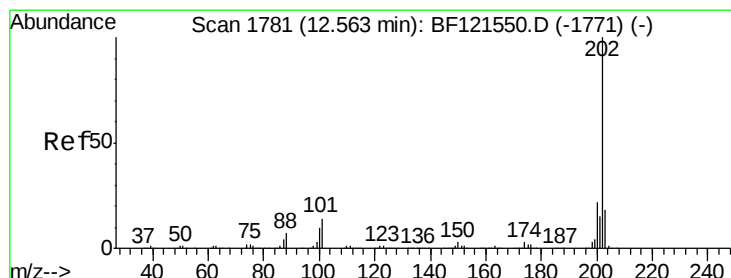
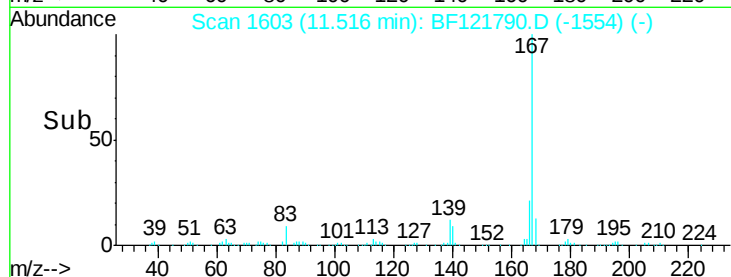
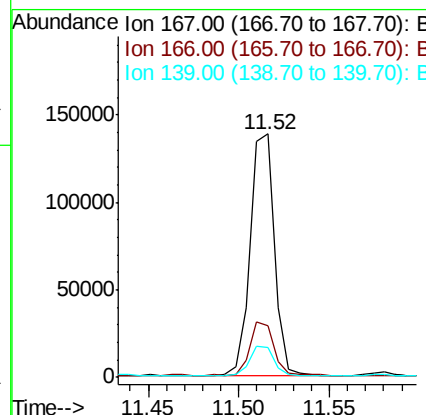
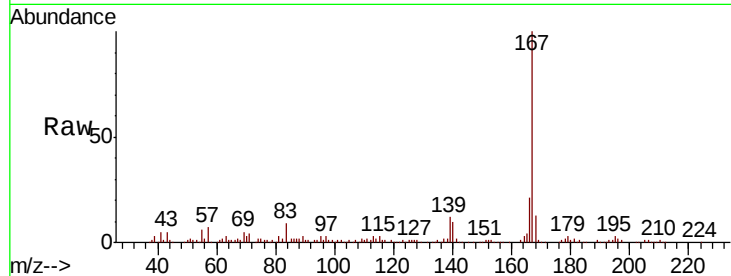




#73
 Carbazole
 Concen: 4.496 ng
 RT: 11.52 min Scan# 1603
 Delta R.T. -0.01 min
 Lab File: BF121790.D
 Acq: 2 Oct 2020 13:05

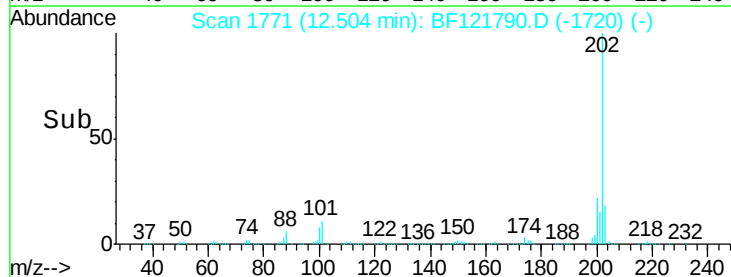
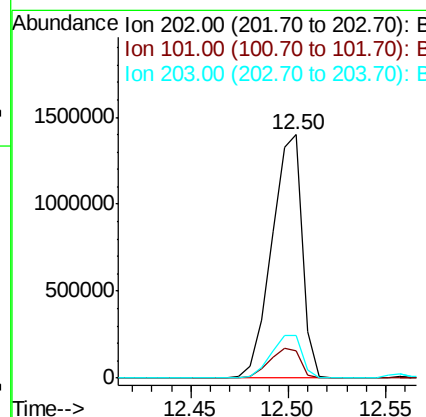
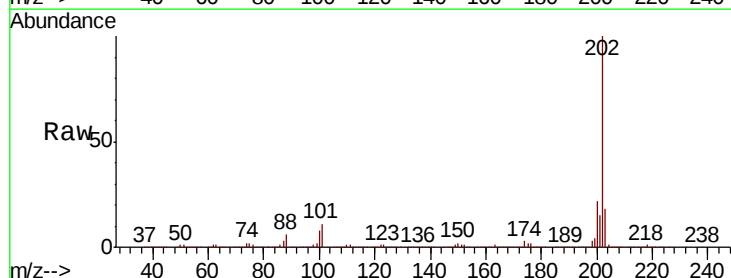
Instrument :
 BNA_F
 ClientSampleId :
 B-13(11-13)DL

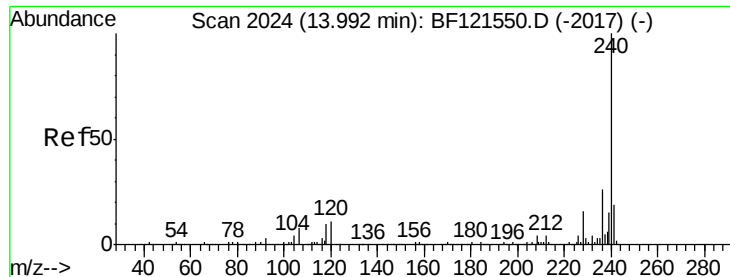
Tot Ion:167 Resp: 128031
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.8 26.6
 139 12.4 10.8 16.2



#75
 Fluoranthene
 Concen: 45.831 ng
 RT: 12.50 min Scan# 1771
 Delta R.T. 0.00 min
 Lab File: BF121790.D
 Acq: 2 Oct 2020 13:05

Tgt Ion:202 Resp: 1496036
 Ion Ratio Lower Upper
 202 100
 101 11.4 0.0 33.4
 203 17.7 0.0 37.9





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.92 min Scan# 2012

Delta R.T. -0.01 min

Lab File: BF121790.D

Acq: 2 Oct 2020 13:05

Instrument :

BNA_F

ClientSampleId :

B-13(11-13)DL

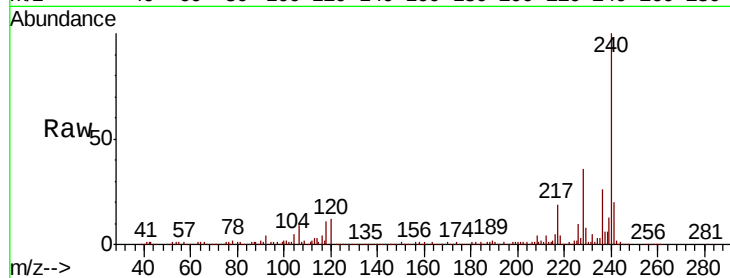
Tot Ion:240 Resp: 375820

Ion Ratio Lower Upper

240 100

120 12.2 9.2 13.8

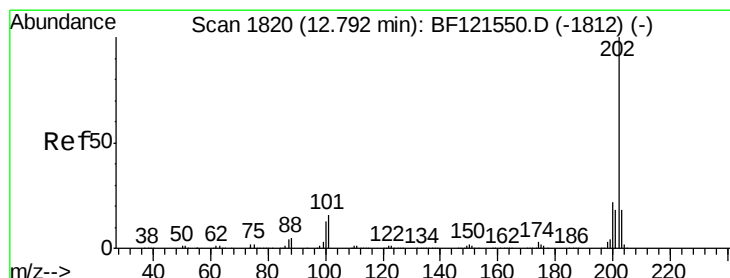
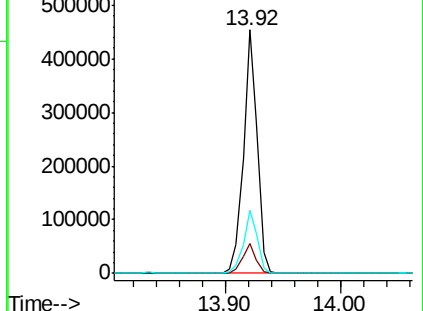
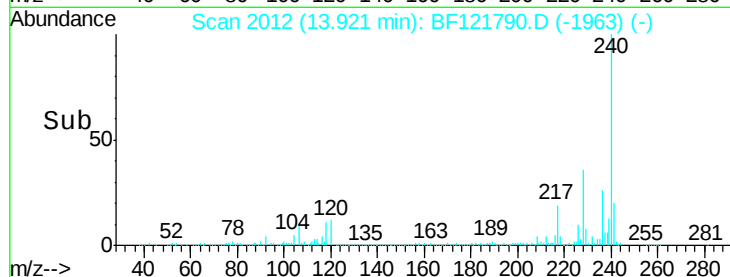
236 26.0 20.9 31.3



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: 44.866 ng

RT: 12.73 min Scan# 1809

Delta R.T. -0.01 min

Lab File: BF121790.D

Acq: 2 Oct 2020 13:05

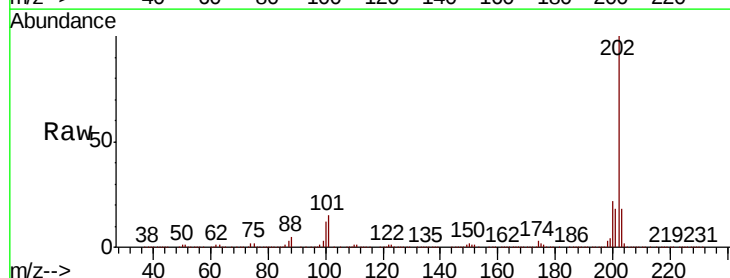
Tgt Ion:202 Resp: 1231962

Ion Ratio Lower Upper

202 100

200 22.0 17.4 26.2

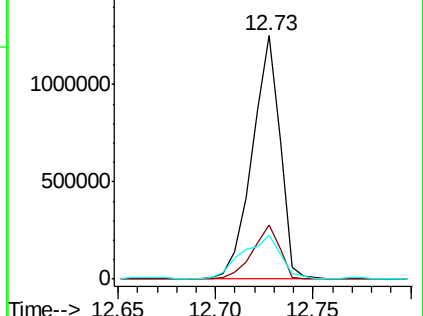
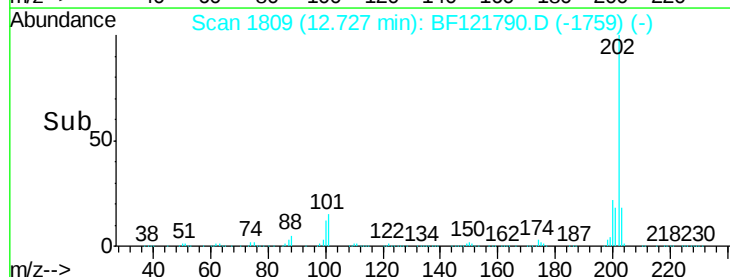
203 18.2 14.6 21.8

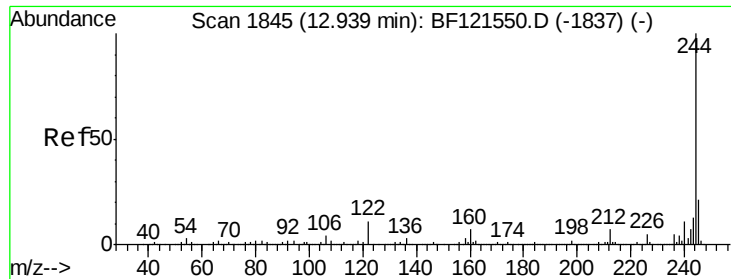


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 17.084 ng

RT: 12.86 min Scan# 1832

Delta R.T. -0.02 min

Lab File: BF121790.D

Acq: 2 Oct 2020 13:05

Instrument :

BNA_F

ClientSampleId :

B-13(11-13)DL

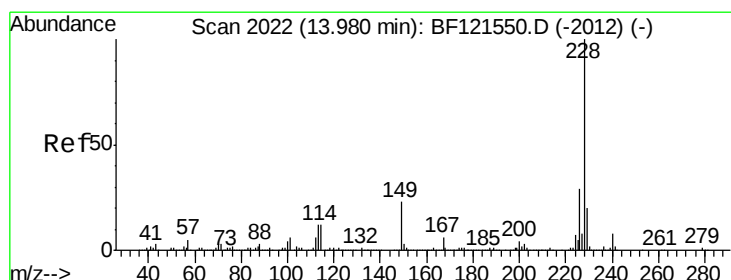
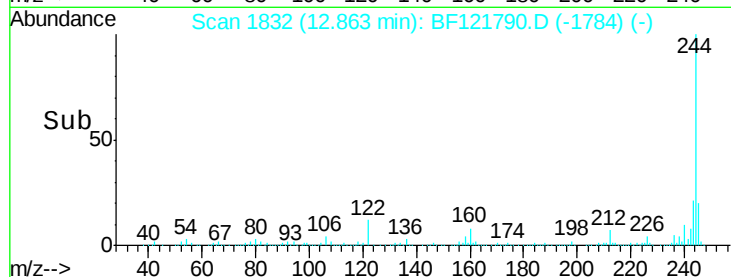
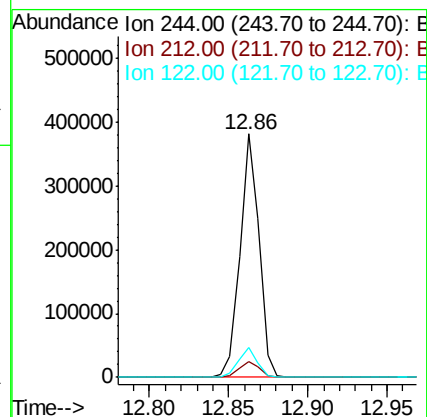
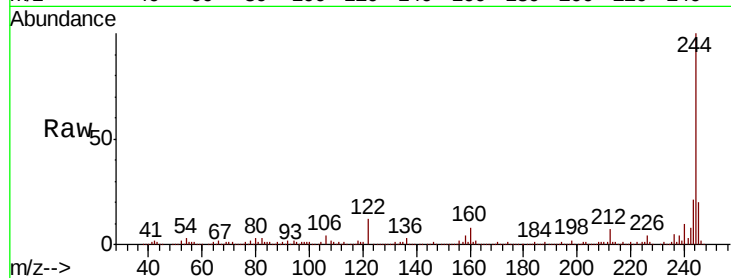
Tot Ion:244 Resp: 316922

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.2

122 12.1 8.1 12.1#



#81

Benzo(a)anthracene

Concen: 25.887 ng

RT: 13.91 min Scan# 2010

Delta R.T. -0.01 min

Lab File: BF121790.D

Acq: 2 Oct 2020 13:05

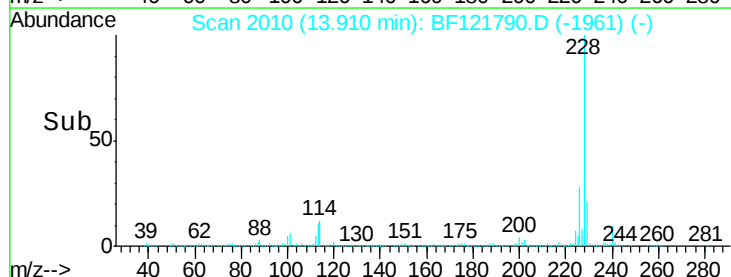
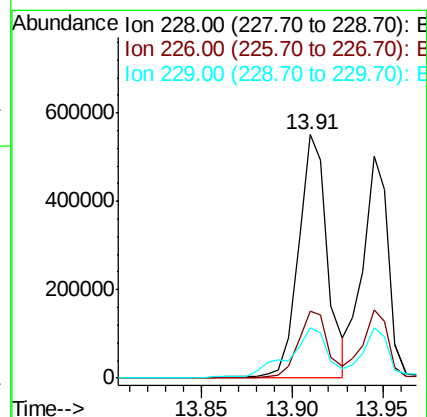
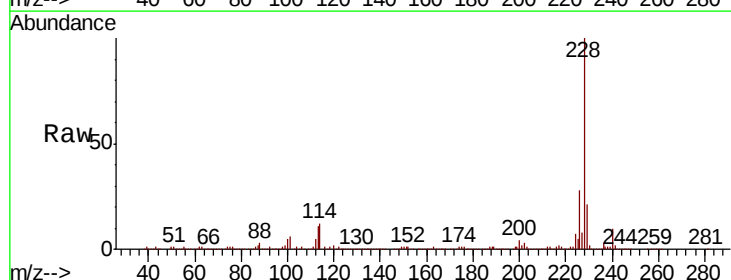
Tgt Ion:228 Resp: 615484

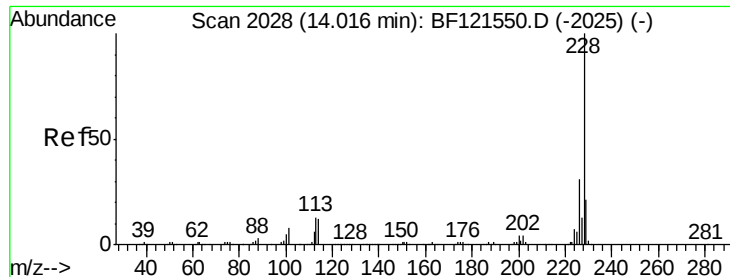
Ion Ratio Lower Upper

228 100

226 27.7 22.3 33.5

229 20.9 16.2 24.4





#83

Chrysene

Concen: 20.463 ng

RT: 13.94 min Scan# 2016

Delta R.T. -0.01 min

Lab File: BF121790.D

Acq: 2 Oct 2020 13:05

Instrument :

BNA_F

ClientSampleId :

B-13(11-13)DL

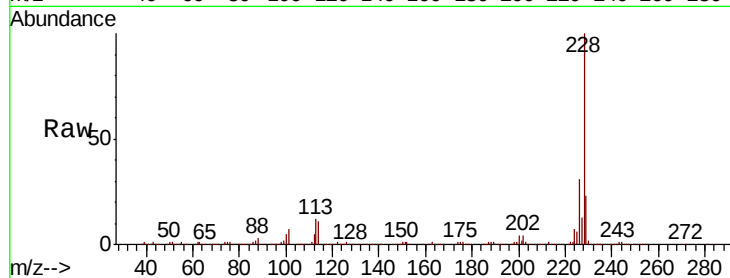
Tot Ion:228 Resp: 492671

Ion Ratio Lower Upper

228 100

226 30.7 24.6 37.0

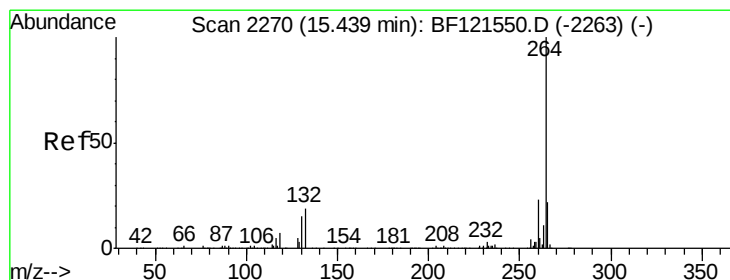
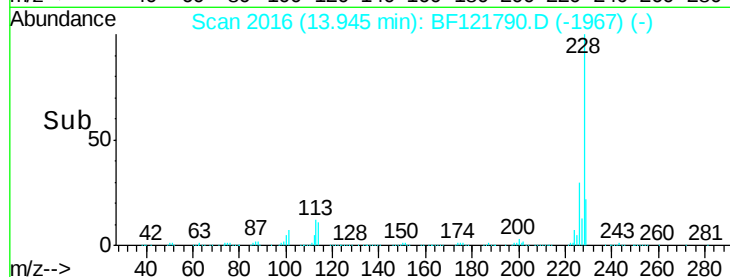
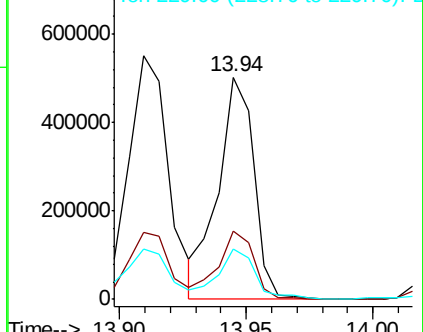
229 22.8 15.9 23.9



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.36 min Scan# 2256

Delta R.T. -0.01 min

Lab File: BF121790.D

Acq: 2 Oct 2020 13:05

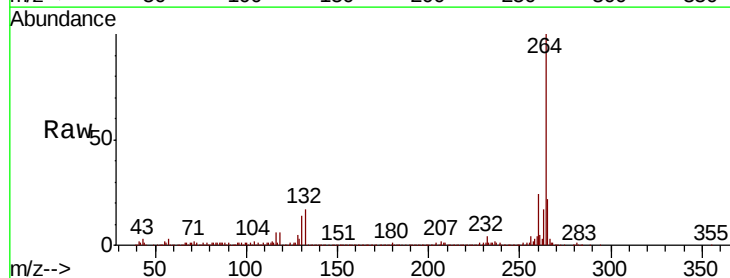
Tgt Ion:264 Resp: 317897

Ion Ratio Lower Upper

264 100

260 24.0 18.7 28.1

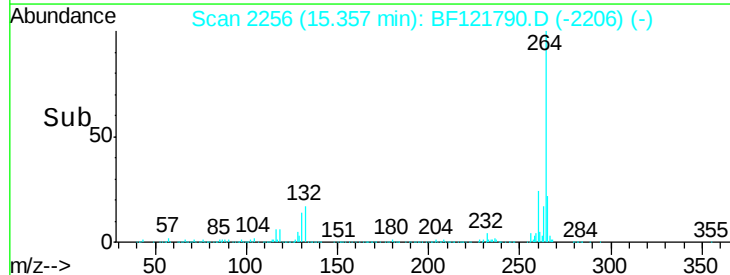
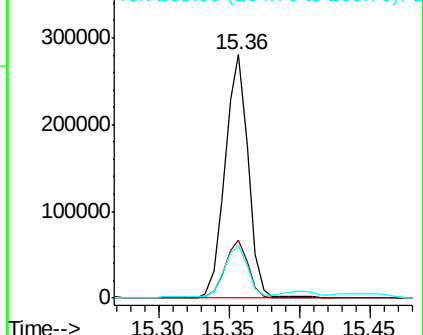
265 21.8 17.3 25.9

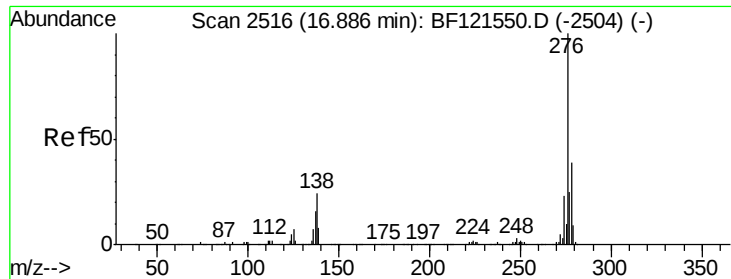


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

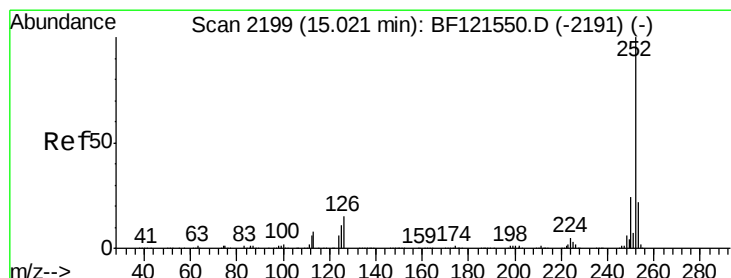
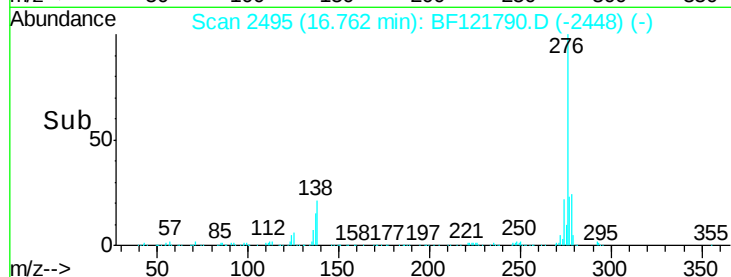
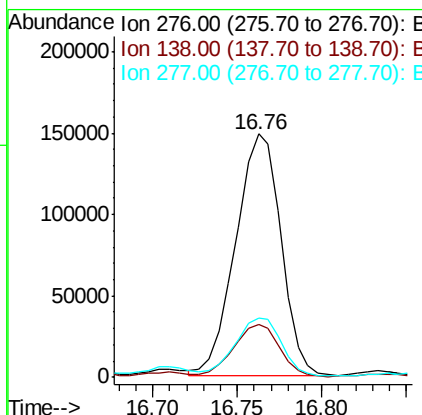
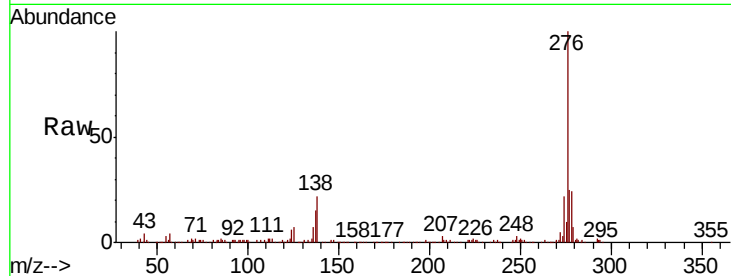




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 13.319 ng
 RT: 16.76 min Scan# 2495
 Delta R.T. -0.02 min
 Lab File: BF121790.D
 Acq: 2 Oct 2020 13:05

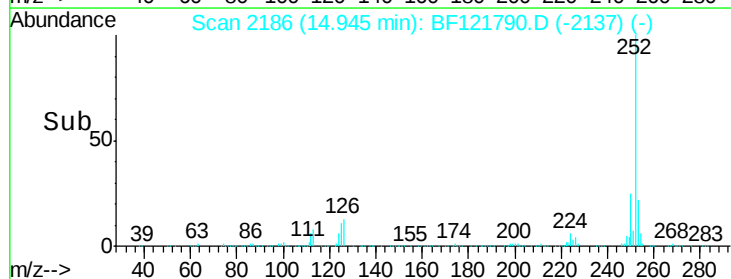
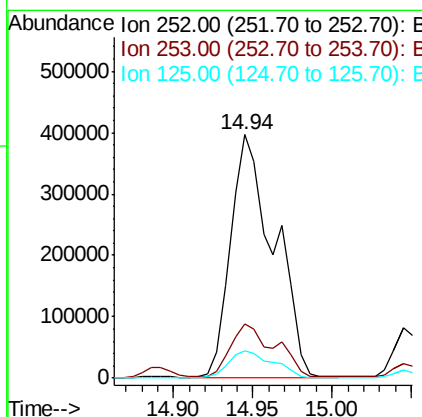
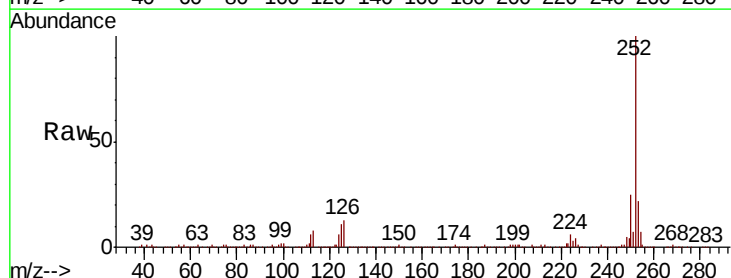
Instrument :
 BNA_F
 ClientSampleId :
 B-13(11-13)DL

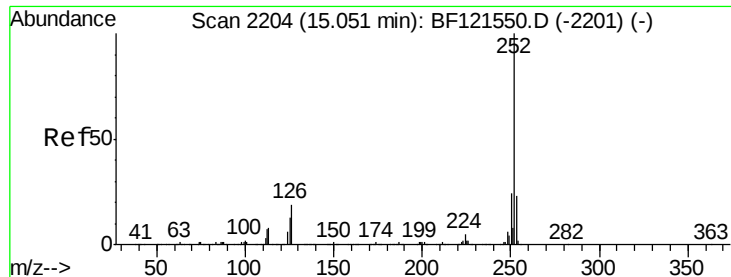
Tot Ion	Ratio	Lower	Upper
276	100		
138	22.1	19.9	29.9
277	25.0	20.4	30.6



#88
 Benzo(b)fluoranthene
 Concen: 35.305 ng
 RT: 14.94 min Scan# 2186
 Delta R.T. -0.01 min
 Lab File: BF121790.D
 Acq: 2 Oct 2020 13:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.2
125	11.0	8.0	12.0

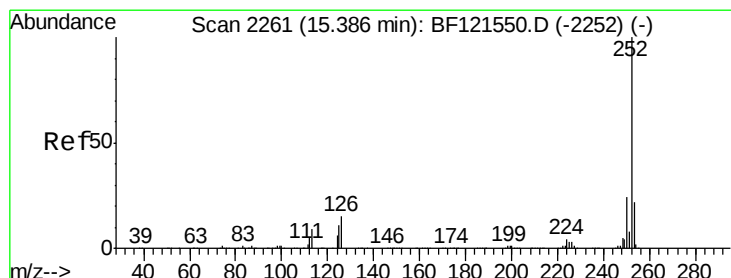
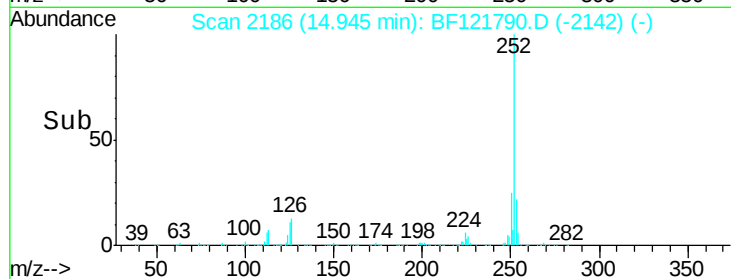
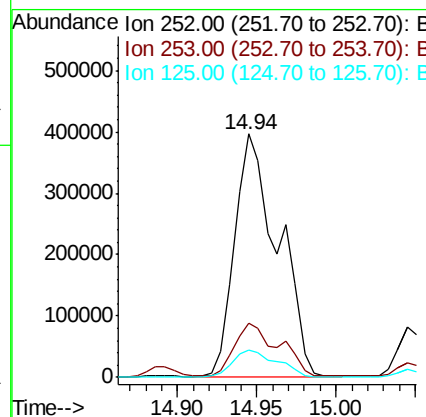
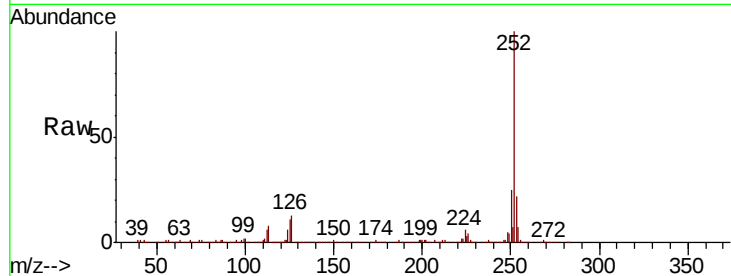




#89
Benzo(k)fluoranthene
Concen: 38.553 ng
RT: 14.94 min Scan# 2186
Delta R.T. -0.04 min
Lab File: BF121790.D
Acq: 2 Oct 2020 13:05

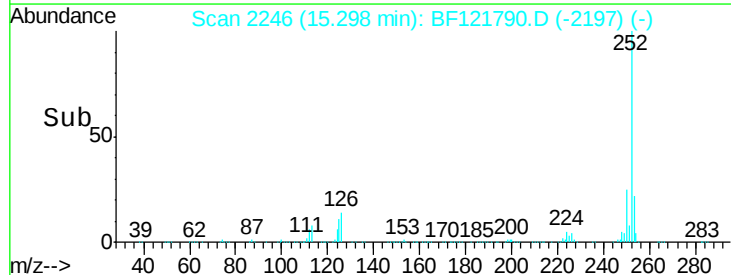
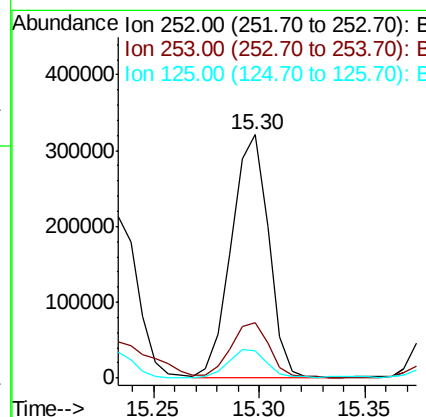
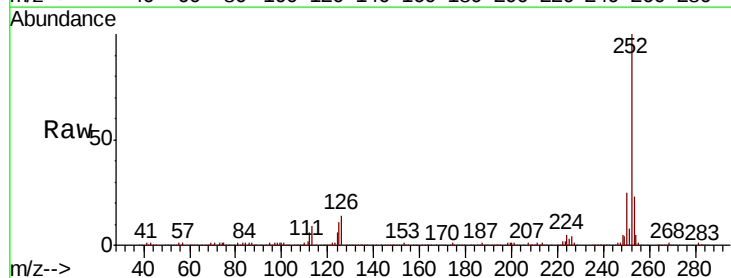
Instrument :
BNA_F
ClientSampleId :
B-13(11-13)DL

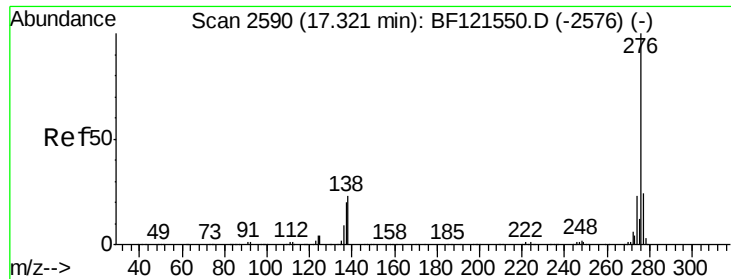
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.6
125	11.0	7.7	11.5



#90
Benzo(a)pyrene
Concen: 21.566 ng
RT: 15.30 min Scan# 2246
Delta R.T. -0.01 min
Lab File: BF121790.D
Acq: 2 Oct 2020 13:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.3	25.9
125	11.0	8.6	13.0





#92
 Benzo(a,h,i)perylene
 Concen: 15.395 ng
 RT: 17.19 min Scan# 2567
 Delta R.T. -0.02 min
 Lab File: BF121790.D
 Acq: 2 Oct 2020 13:05

Instrument :
 BNA_F
 ClientSampleId :
 B-13(11-13)DL

Tot Ion	Ion	Ratio	Lower	Upper
276	100			
277	24.1	19.4	29.2	
138	21.0	17.8	26.6	

