

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051820\
 Data File : BF120355.D
 Acq On : 18 May 2020 21:22
 Operator : MA/SJ
 Sample : L2674-02 2X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 19 00:27:15 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 18 15:23:07 2020
 Response via : Initial Calibration

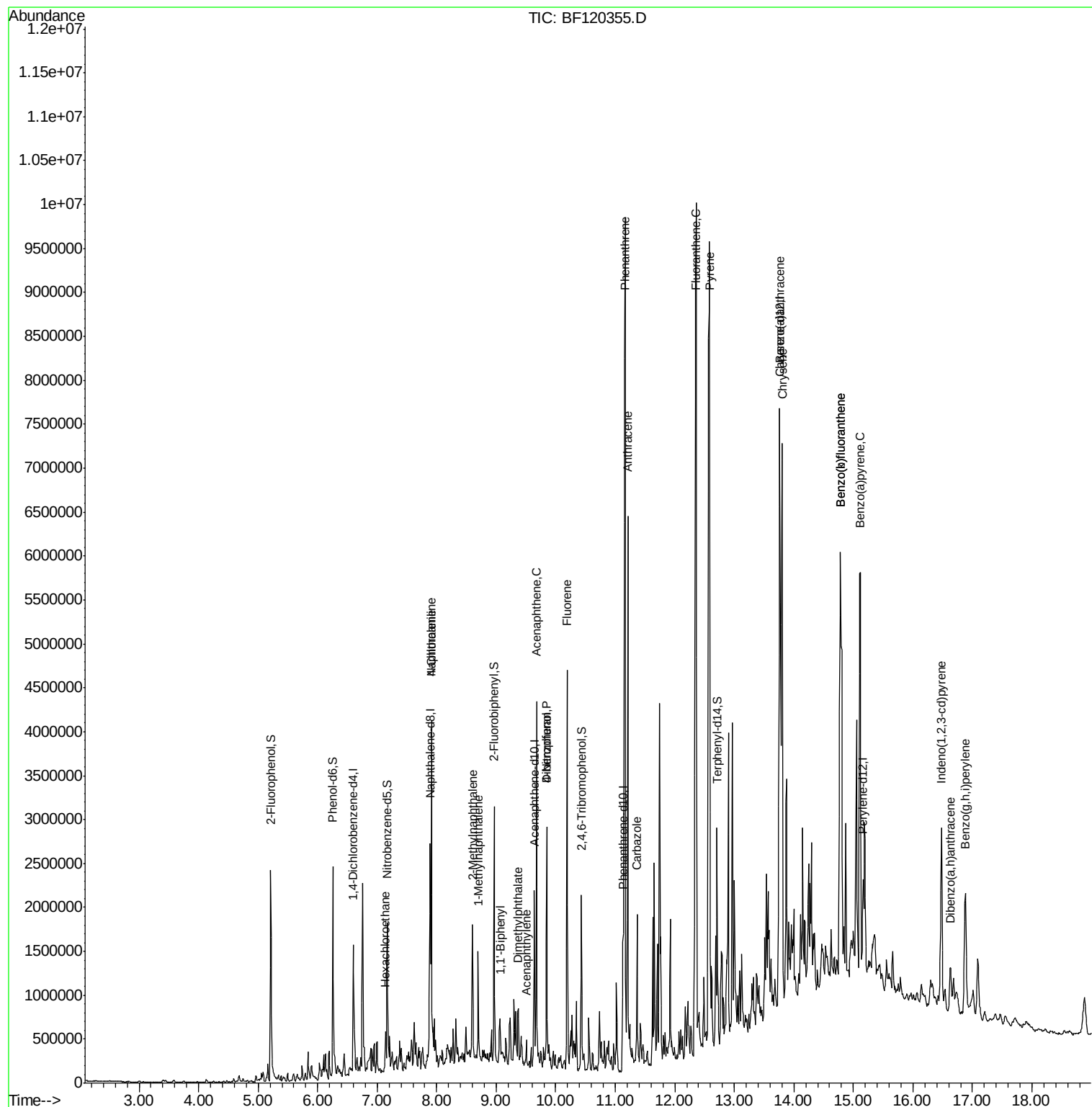
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	279184	20.00	ng	0.00
21) Naphthalene-d8	7.89	136	1024764	20.00	ng	0.00
39) Acenaphthene-d10	9.64	164	422169	20.00	ng	0.00
64) Phenanthrene-d10	11.13	188	678319	20.00	ng	0.00
76) Chrysene-d12	13.77	240	493808	20.00	ng	0.01
87) Perylene-d12	15.16	264	520762	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	789746	55.04	ng	0.00
7) Phenol-d6	6.26	99	1029506	56.74	ng	0.00
23) Nitrobenzene-d5	7.17	82	584041	39.02	ng	0.00
42) 2,4,6-Tribromophenol	10.43	330	161894	47.03	ng	0.00
45) 2-Fluorobiphenyl	8.96	172	1072143	52.18	ng	0.00
79) Terphenyl-d14	12.71	244	902775	40.39	ng	0.00
Target Compounds						Qvalue
18) Hexachloroethane	7.14	117	23413	3.333	ng	# 1
31) Naphthalene	7.91	128	1726932	39.929	ng	99
33) 4-Chloroaniline	7.91	127	238422	12.097	ng	# 33
37) 2-Methylnaphthalene	8.60	142	548166	18.521	ng	98
38) 1-Methylnaphthalene	8.70	142	368918	12.852	ng	98
46) 1,1'-Biphenyl	9.07	154	150526	5.442	ng	95
49) Acenaphthylene	9.50	152	93897	2.770	ng	# 95
50) Dimethylphthalate	9.36	163	177205	6.640	ng	98
52) Acenaphthene	9.67	154	891244	43.869	ng	100
55) Dibenzofuran	9.85	168	1064171	36.374	ng	98
56) 4-Nitrophenol	9.85	139	385056	100.890	ng	# 13
58) Fluorene	10.19	166	1394096	62.569	ng	100
71) Phenanthrene	11.17	178	5614046	196.963	ng	96
72) Anthracene	11.21	178	2755399	90.300	ng	99
73) Carbazole	11.36	167	742679	26.049	ng	97
75) Fluoranthene	12.36	202	6414790	209.974	ng	97
78) Pyrene	12.58	202	5912884	167.962	ng	95
81) Benzo(a)anthracene	13.76	228	3836500	147.302	ng	97
83) Chrysene	13.80	228	2814454	100.633	ng	96
86) Indeno(1,2,3-cd)pyrene	16.48	276	1376275	54.220	ng	93
88) Benzo(b)fluoranthene	14.78	252	4620519	162.465	ng	96
89) Benzo(k)fluoranthene	14.78	252	4620519	187.522	ng	96
90) Benzo(a)pyrene	15.12	252	2572844	100.873	ng	97
91) Dibenz(a,h)anthracene	16.63	278	336511	14.893	ng	95
92) Benzo(g,h,i)perylene	16.88	276	1212386	53.209	ng	98

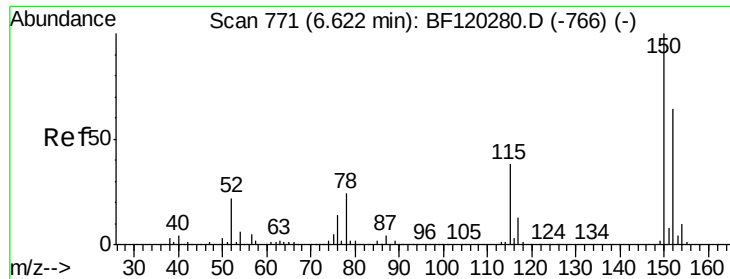
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051820\
Data File : BF120355.D
Acq On : 18 May 2020 21:22
Operator : MA/SJ
Sample : L2674-02 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :

Quant Time: May 19 00:27:15 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 18 15:23:07 2020
Response via : Initial Calibration



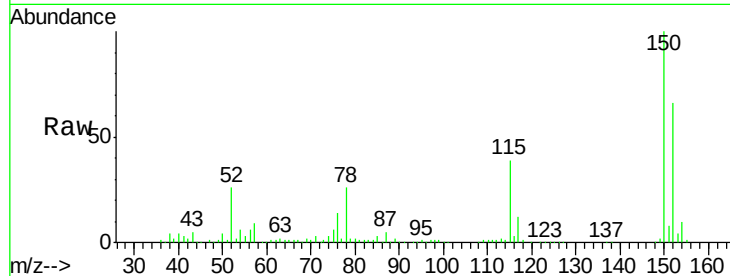


#1

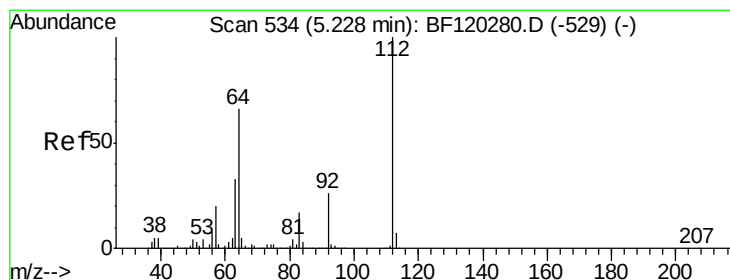
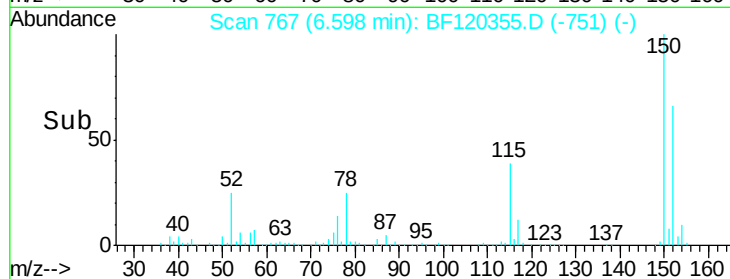
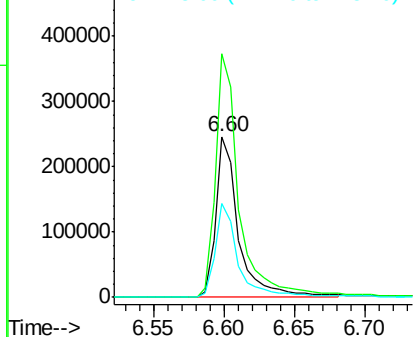
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.60 min Scan# 767
Delta R.T. -0.01 min
Lab File: BF120355.D
Acq: 18 May 2020 21:22

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.5	126.2	189.2
115	58.7	47.9	71.9



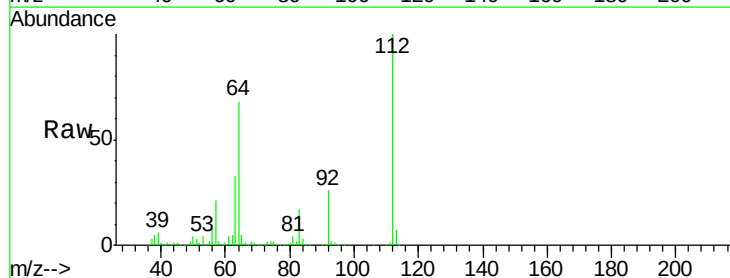
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



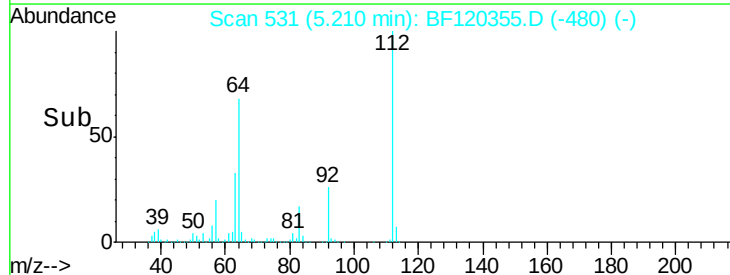
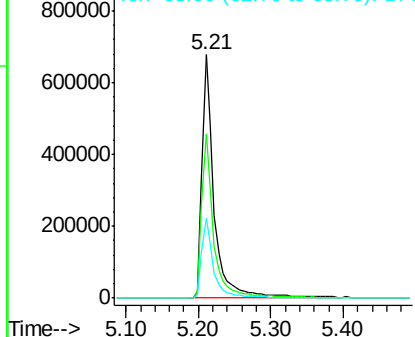
#5

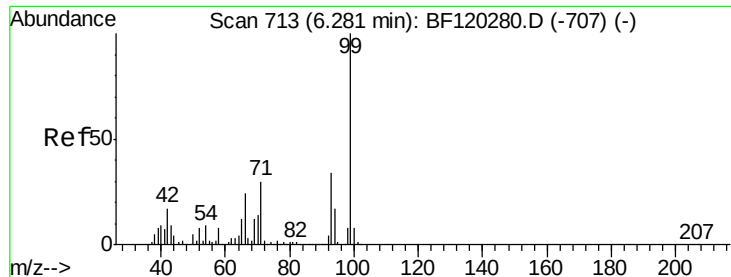
2-Fluorophenol
Concen: 55.039 ng
RT: 5.21 min Scan# 531
Delta R.T. -0.00 min
Lab File: BF120355.D
Acq: 18 May 2020 21:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.5	52.7	79.1
63	32.8	26.2	39.4



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





#7

Phenol-d6

Concen: 56.737 ng

RT: 6.26 min Scan# 709

Delta R.T. -0.01 min

Lab File: BF120355.D

Acq: 18 May 2020 21:22

Instrument :

BNA_F

ClientSampleId :

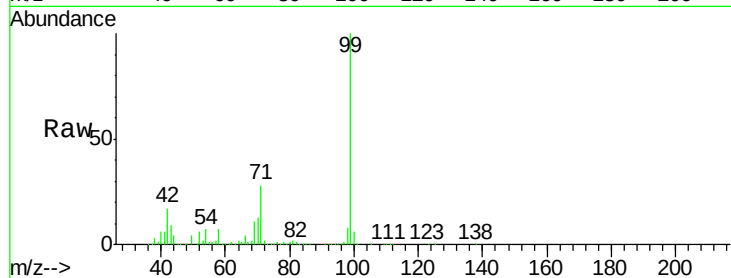
Tot Ion: 99 Resp: 1029506

Ion Ratio Lower Upper

99 100

42 16.5 13.6 20.4

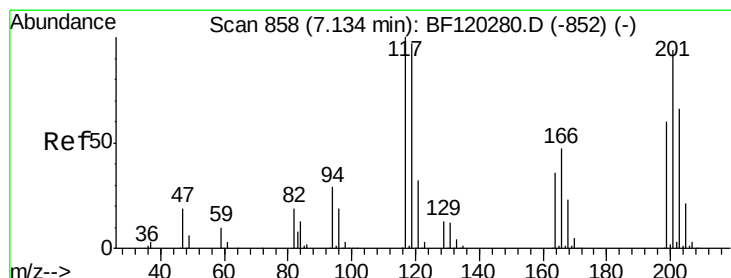
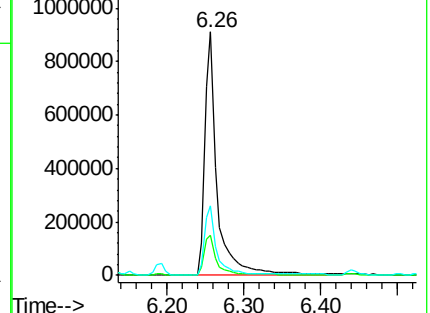
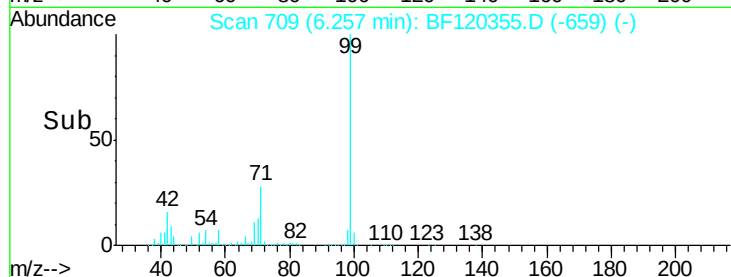
71 28.4 24.2 36.4



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



#18

Hexachloroethane

Concen: 3.333 ng

RT: 7.14 min Scan# 859

Delta R.T. 0.03 min

Lab File: BF120355.D

Acq: 18 May 2020 21:22

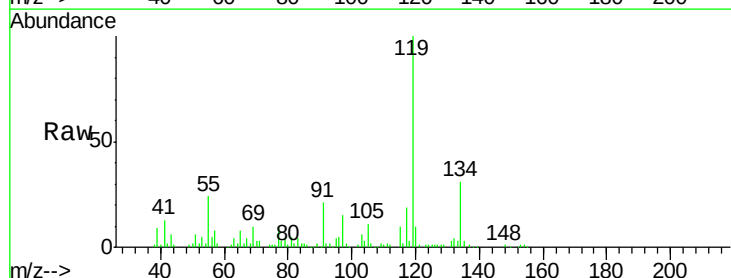
Tgt Ion: 117 Resp: 23413

Ion Ratio Lower Upper

117 100

119 524.6 77.4 116.0#

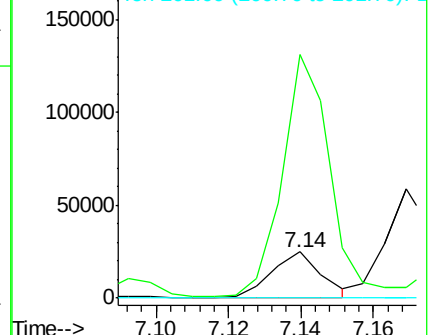
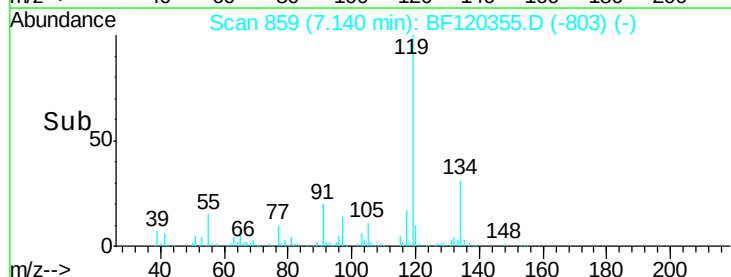
201 0.0 74.9 112.3#

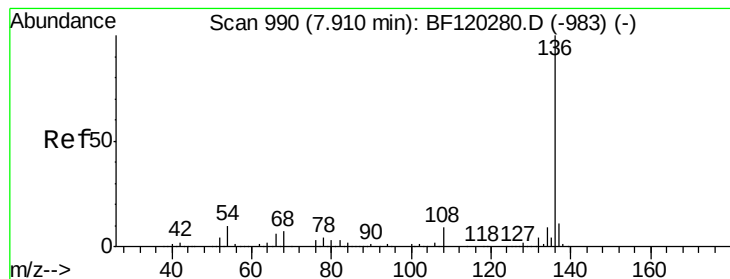


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.89 min Scan# 986

Delta R.T. -0.00 min

Lab File: BF120355.D

Acq: 18 May 2020 21:22

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 1024764

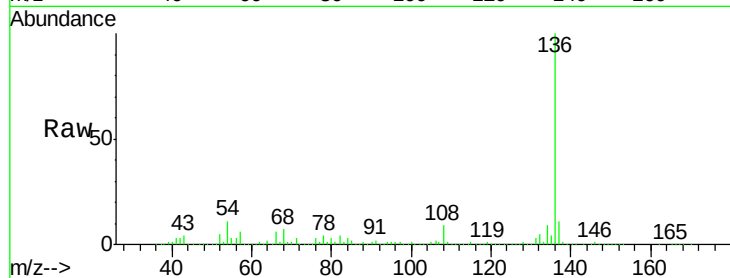
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 11.1 7.9 11.9

68 7.1 5.4 8.2

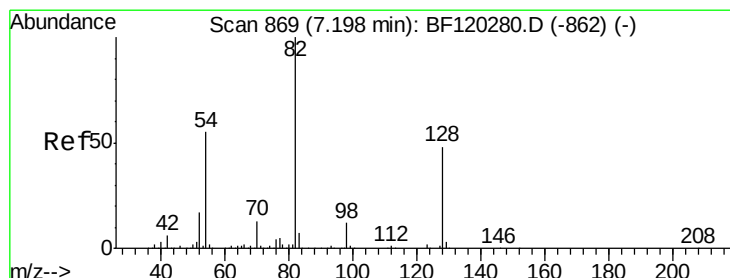
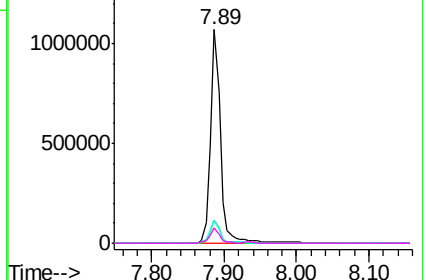
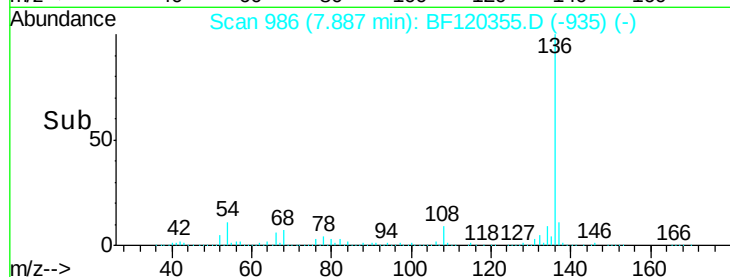


Abundance Ion 136.00 (135.70 to 136.70): E

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: 39.021 ng

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: BF120355.D

Acq: 18 May 2020 21:22

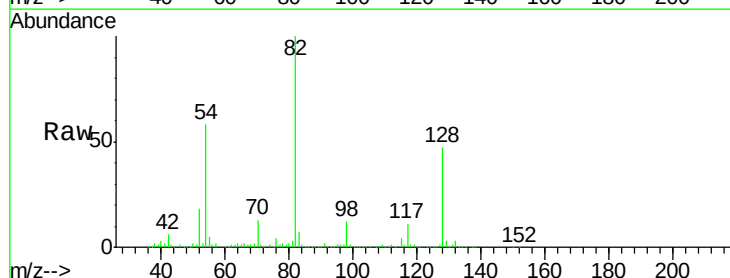
Tgt Ion: 82 Resp: 584041

Ion Ratio Lower Upper

82 100

128 47.4 38.3 57.5

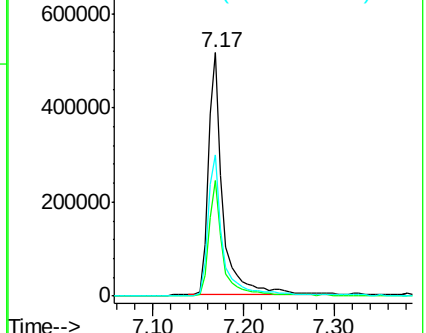
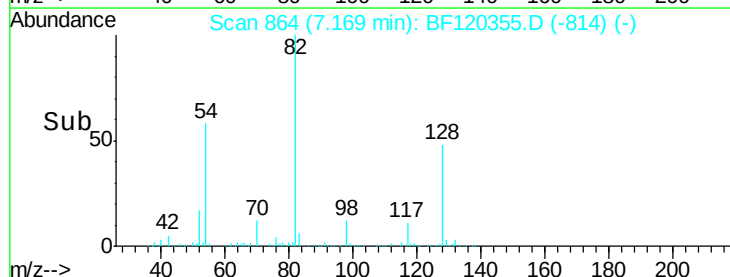
54 58.0 43.9 65.9

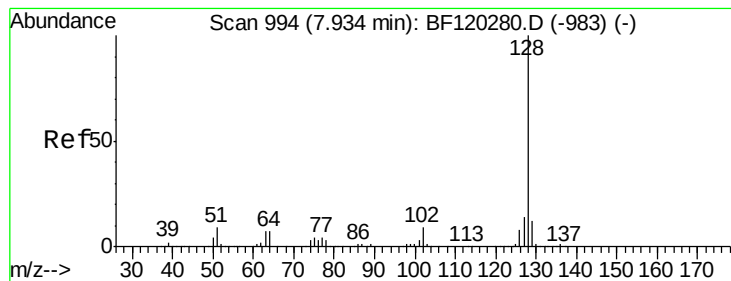


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#31

Naphthalene

Concen: 39.929 ng

RT: 7.91 min Scan# 990

Delta R.T. -0.00 min

Lab File: BF120355.D

Acq: 18 May 2020 21:22

Instrument :

BNA_F

ClientSampleId :

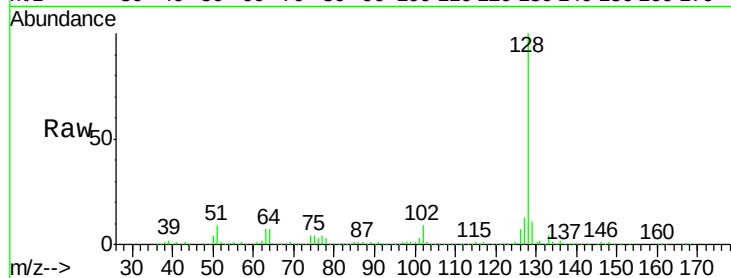
Tot Ion:128 Resp: 1726932

Ion Ratio Lower Upper

128 100

129 11.5 9.3 13.9

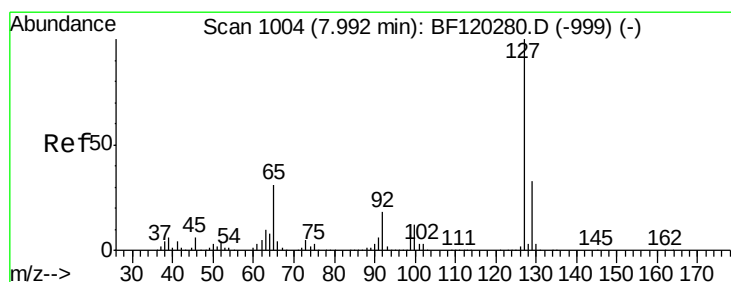
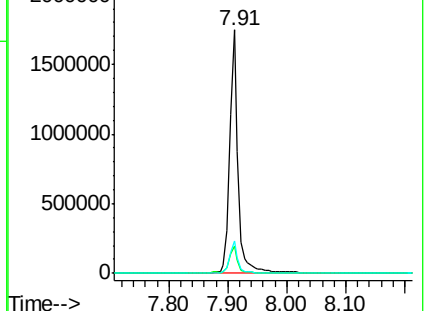
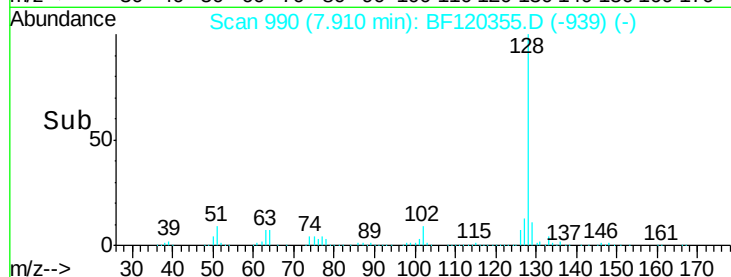
127 13.5 11.2 16.8



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: 12.097 ng

RT: 7.91 min Scan# 990

Delta R.T. -0.06 min

Lab File: BF120355.D

Acq: 18 May 2020 21:22

Tgt Ion:127 Resp: 238422

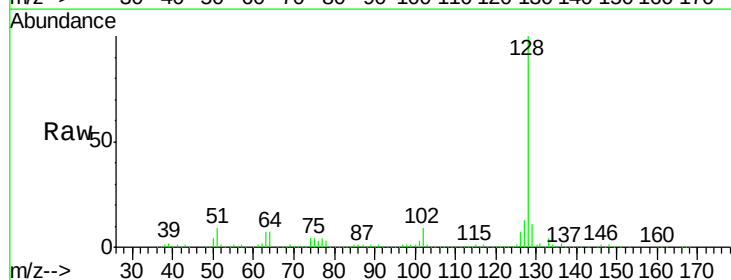
Ion Ratio Lower Upper

127 100

129 85.0 26.4 39.6#

65 0.0 24.8 37.2#

92 0.8 14.5 21.7#

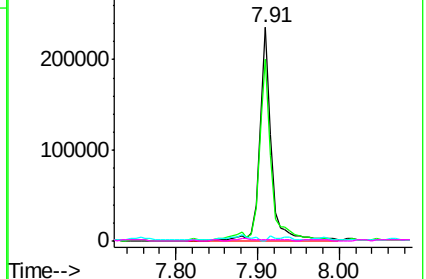
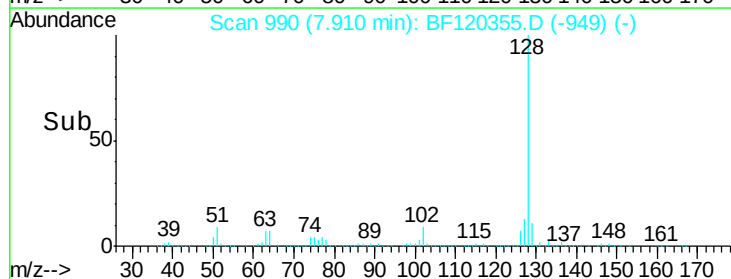


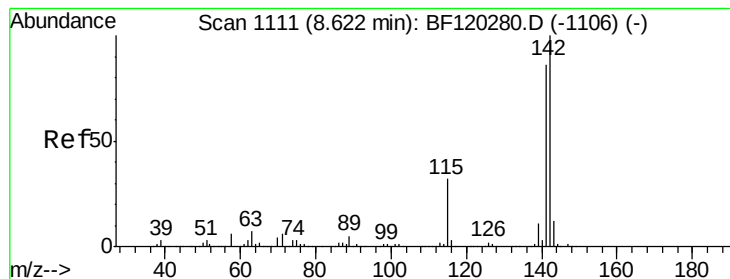
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1





#37

2-Methylnaphthalene

Concen: 18.521 ng

RT: 8.60 min Scan# 1108

Delta R.T. -0.00 min

Lab File: BF120355.D

Acq: 18 May 2020 21:22

Instrument :

BNA_F

ClientSampleId :

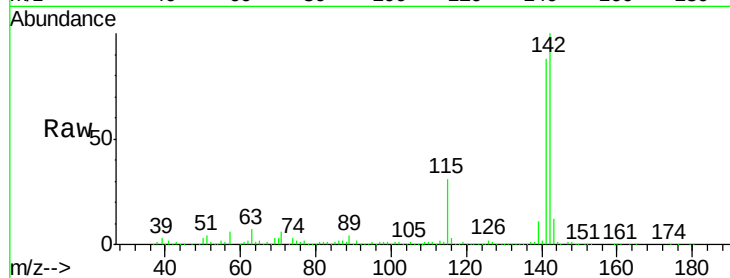
Tot Ion:142 Resp: 548166

Ion Ratio Lower Upper

142 100

141 87.8 68.8 103.2

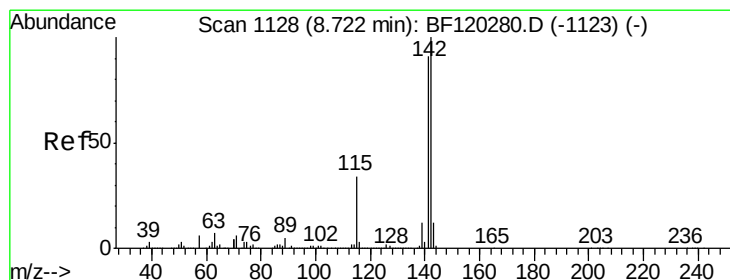
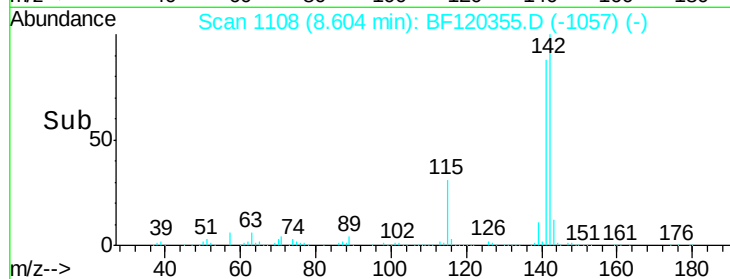
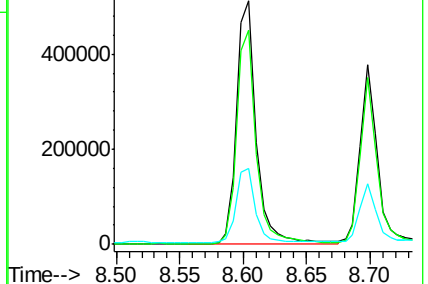
115 31.3 25.7 38.5



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: 12.852 ng

RT: 8.70 min Scan# 1124

Delta R.T. -0.00 min

Lab File: BF120355.D

Acq: 18 May 2020 21:22

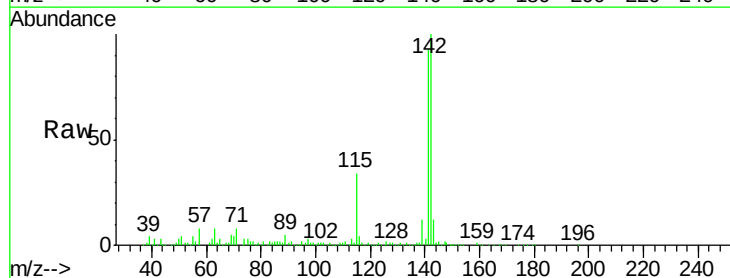
Tgt Ion:142 Resp: 368918

Ion Ratio Lower Upper

142 100

141 93.2 73.0 109.6

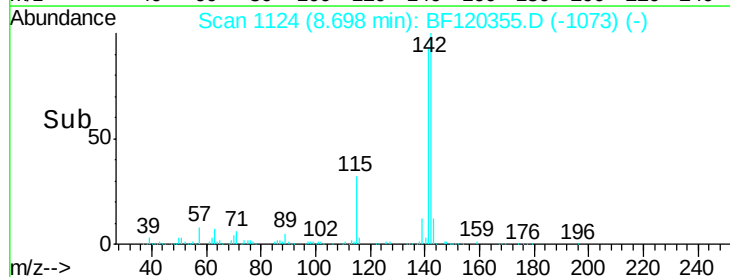
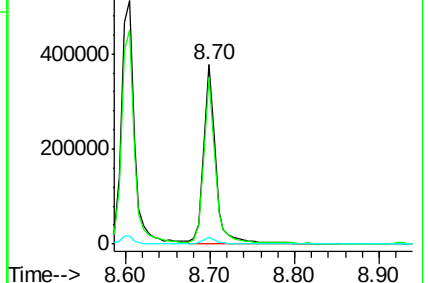
116 3.6 2.7 4.1

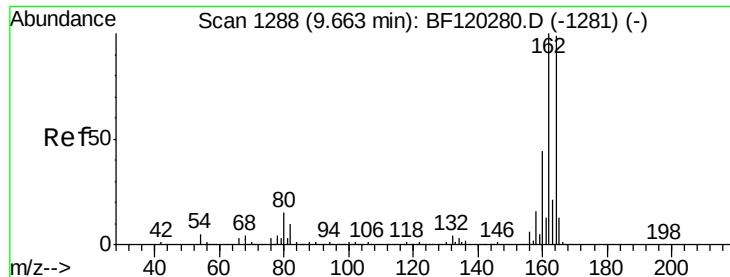


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

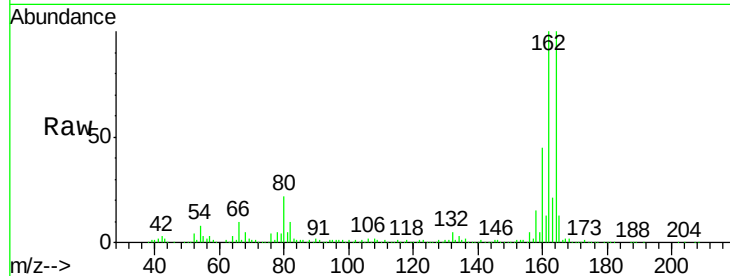




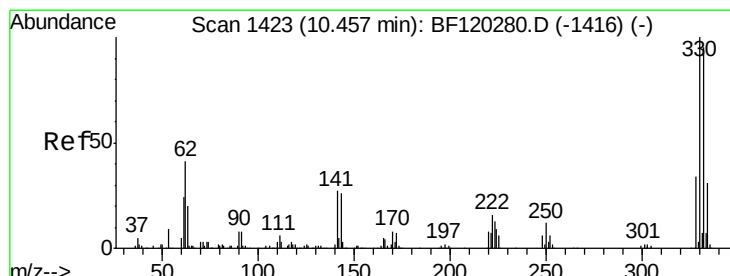
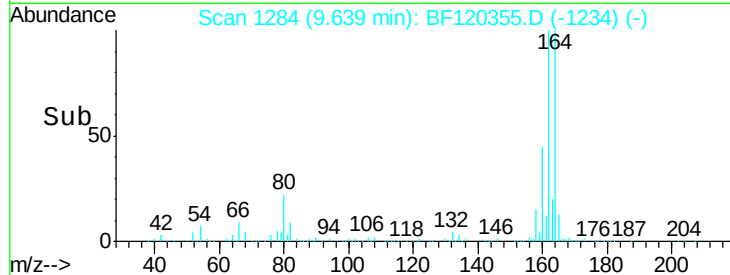
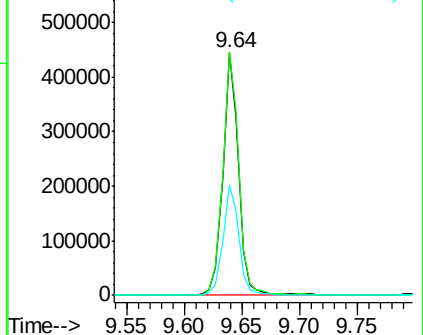
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.01 min
Lab File: BF120355.D
Acq: 18 May 2020 21:22

Instrument :
BNA_F
ClientSampled :

Tot Ion:164 Resp: 422169
Ion Ratio Lower Upper
164 100
162 100.5 81.2 121.8
160 45.5 35.8 53.6

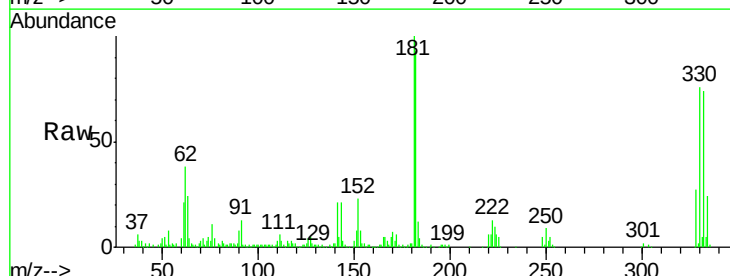


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

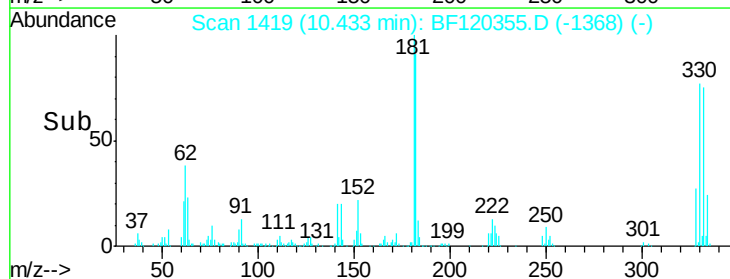
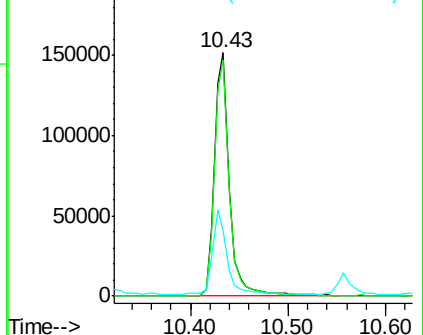


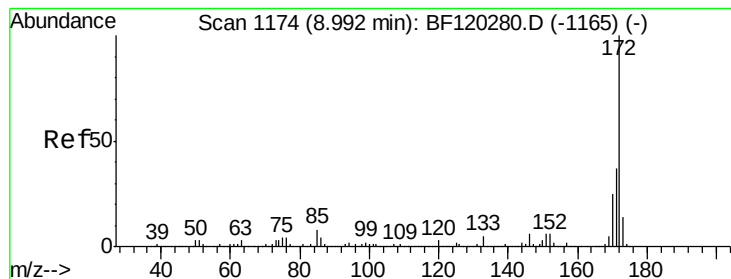
#42
2,4,6-Tribromophenol
Concen: 47.033 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.00 min
Lab File: BF120355.D
Acq: 18 May 2020 21:22

Tgt Ion:330 Resp: 161894
Ion Ratio Lower Upper
330 100
332 96.3 76.5 114.7
141 35.1 25.4 38.0



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





#45

2-Fluorobiphenyl

Concen: 52.175 ng

RT: 8.96 min Scan# 1169

Delta R.T. -0.01 min

Lab File: BF120355.D

Acq: 18 May 2020 21:22

Instrument :

BNA_F

ClientSampleId :

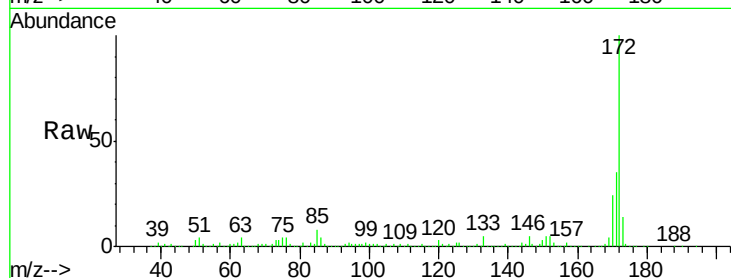
Tot Ion:172 Resp: 1072143

Ion Ratio Lower Upper

172 100

171 35.3 29.7 44.5

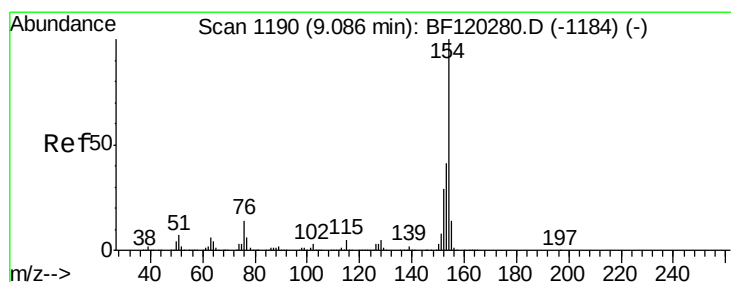
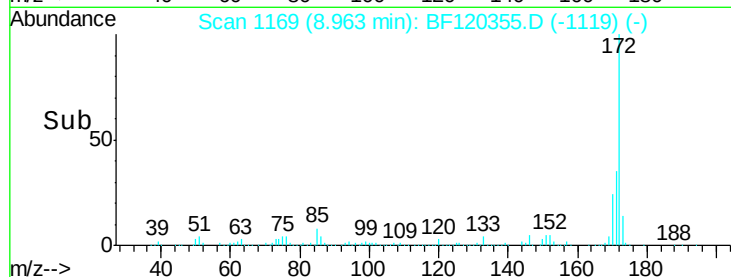
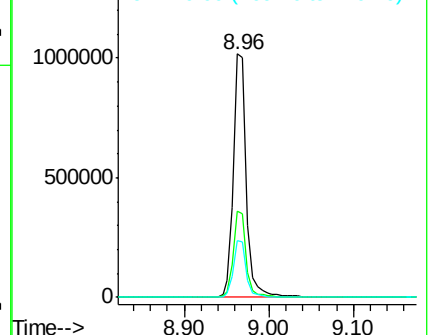
170 23.6 19.9 29.9



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: 5.442 ng

RT: 9.07 min Scan# 1187

Delta R.T. -0.00 min

Lab File: BF120355.D

Acq: 18 May 2020 21:22

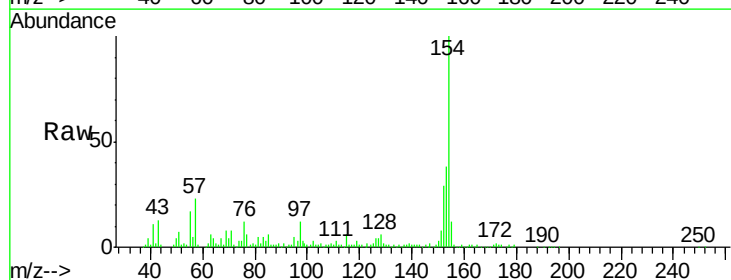
Tgt Ion:154 Resp: 150526

Ion Ratio Lower Upper

154 100

153 37.7 20.8 60.8

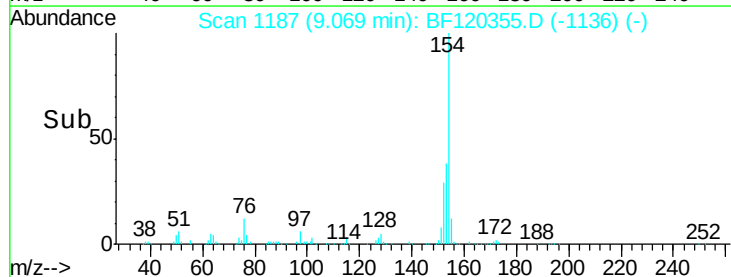
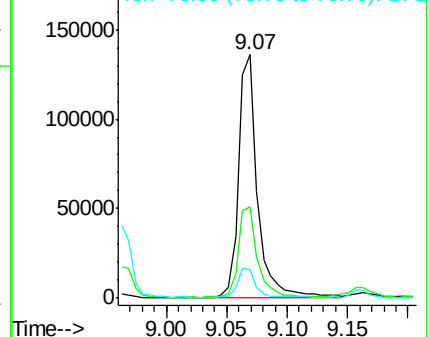
76 11.6 0.0 34.3

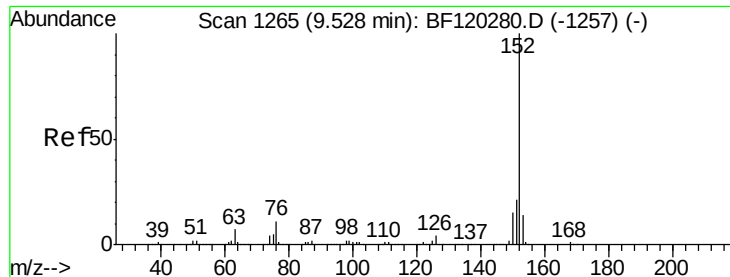


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





#49

Acenaphthylene

Concen: 2.770 ng

RT: 9.50 min Scan# 1261

Delta R.T. -0.00 min

Lab File: BF120355.D

Acq: 18 May 2020 21:22

Instrument :

BNA_F

ClientSampleId :

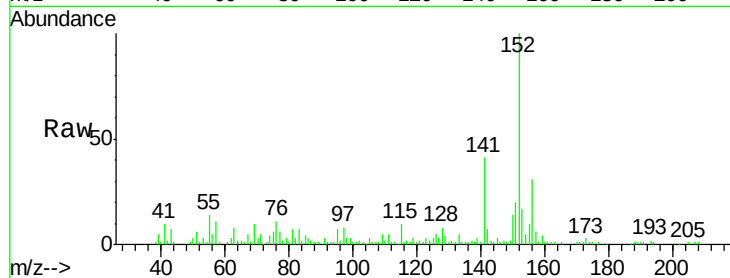
Tot Ion:152 Resp: 93897

Ion Ratio Lower Upper

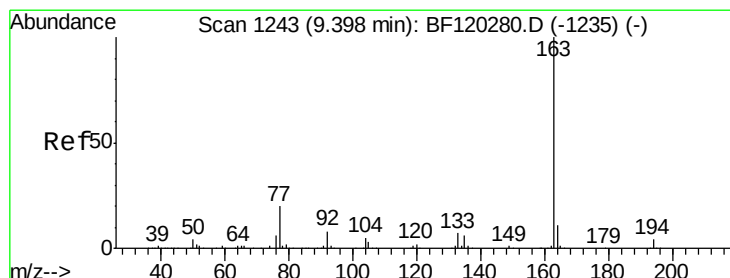
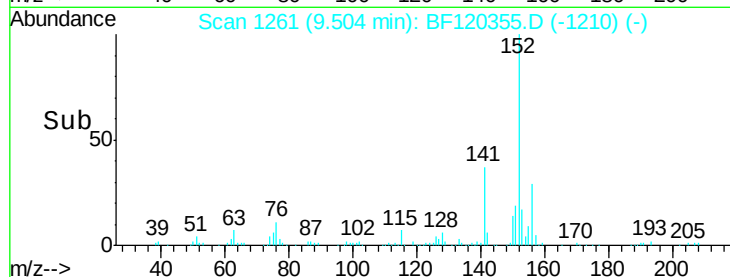
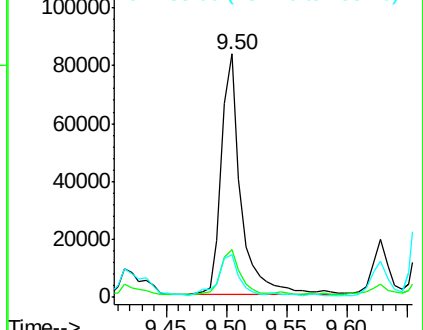
152 100

151 19.8 16.6 25.0

153 17.4 11.1 16.7#



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: 6.640 ng

RT: 9.36 min Scan# 1237

Delta R.T. -0.02 min

Lab File: BF120355.D

Acq: 18 May 2020 21:22

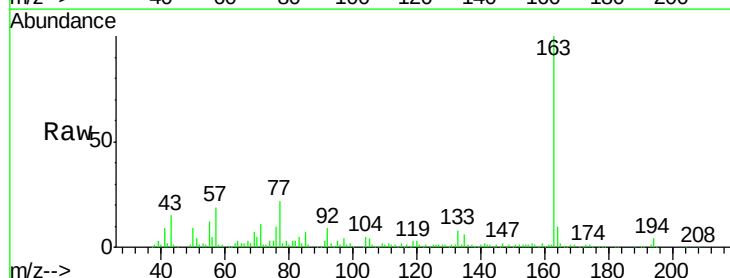
Tgt Ion:163 Resp: 177205

Ion Ratio Lower Upper

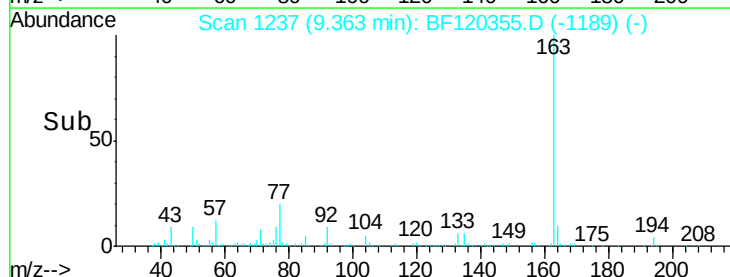
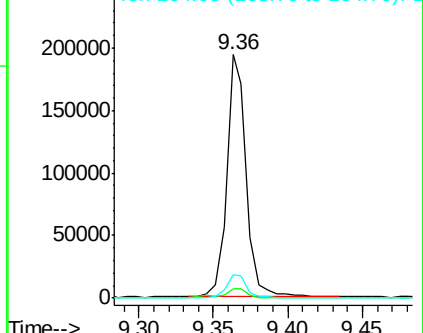
163 100

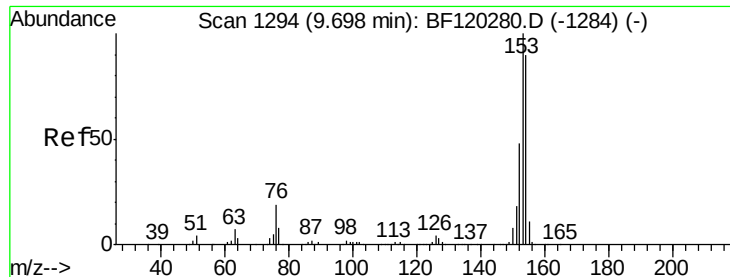
194 3.9 3.1 4.7

164 9.7 8.6 12.8



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





#52

Acenaphthene

Concen: 43.869 ng

RT: 9.67 min Scan# 1290

Delta R.T. -0.00 min

Lab File: BF120355.D

Acq: 18 May 2020 21:22

Instrument :

BNA_F

ClientSampleId :

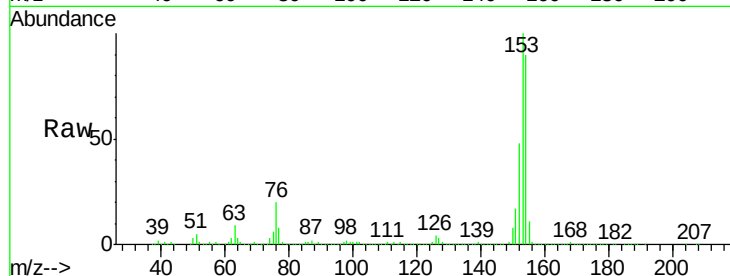
Tot Ion:154 Resp: 891244

Ion Ratio Lower Upper

154 100

153 111.4 89.0 133.4

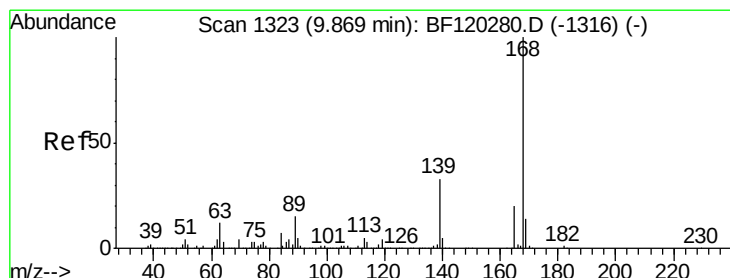
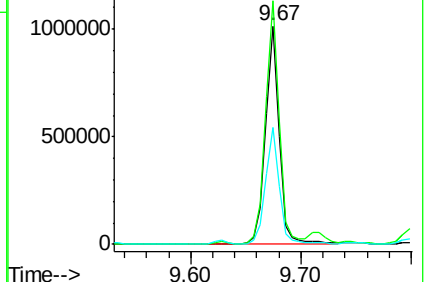
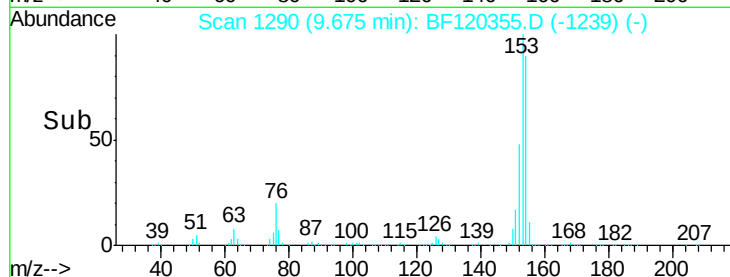
152 53.2 42.6 64.0



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



#55

Dibenzofuran

Concen: 36.374 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BF120355.D

Acq: 18 May 2020 21:22

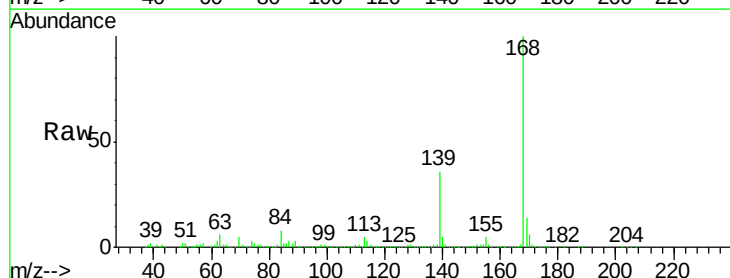
Tgt Ion:168 Resp: 1064171

Ion Ratio Lower Upper

168 100

139 36.0 29.8 44.6

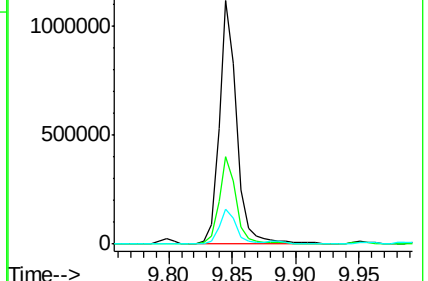
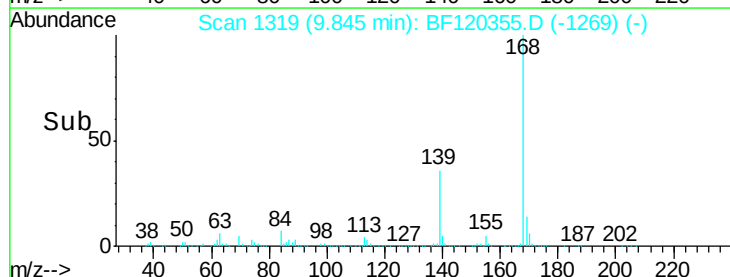
169 14.5 11.0 16.6

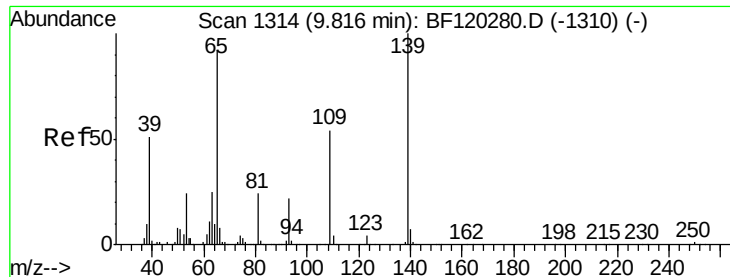


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

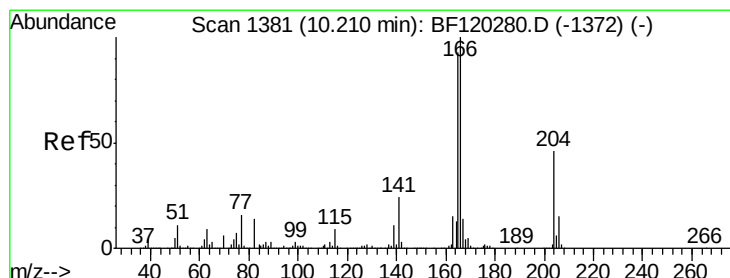
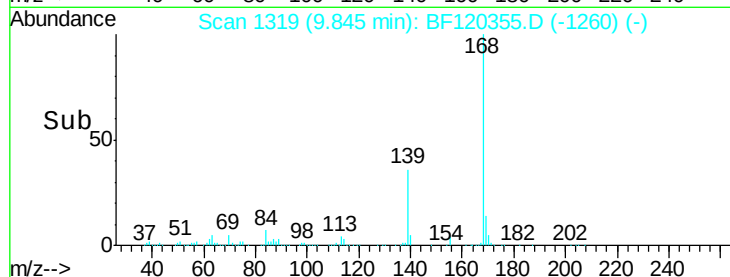
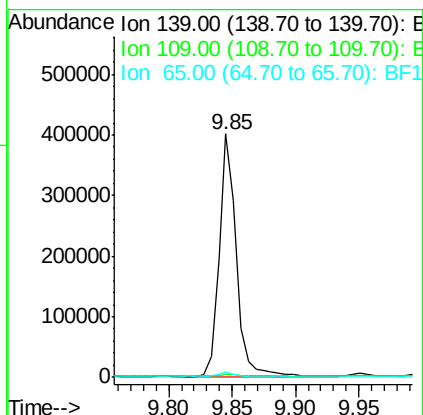
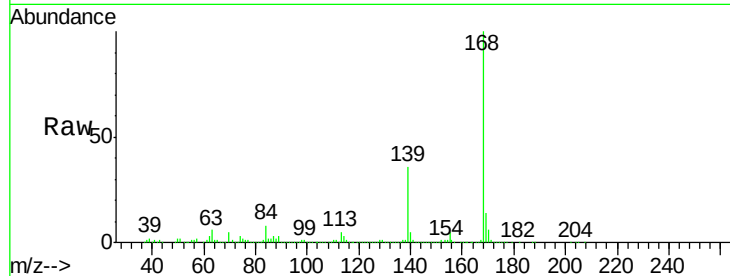




#56
4-Nitrophenol
Concen: 100.890 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.05 min
Lab File: BF120355.D
Acq: 18 May 2020 21:22

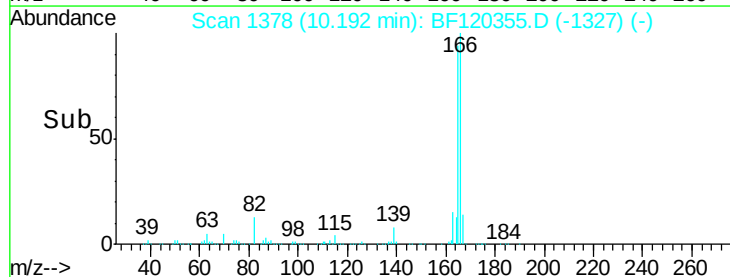
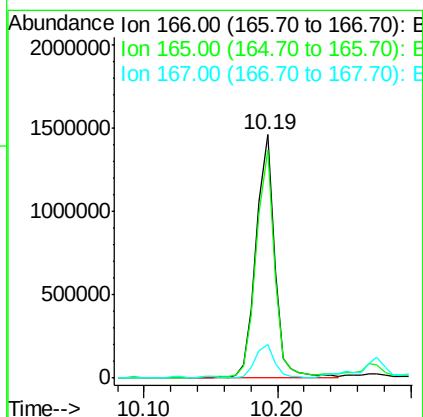
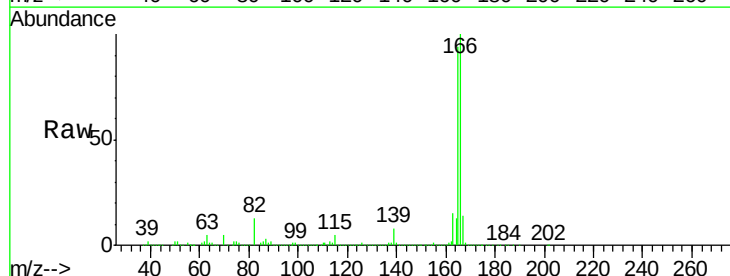
Instrument :
BNA_F
ClientSampleId :

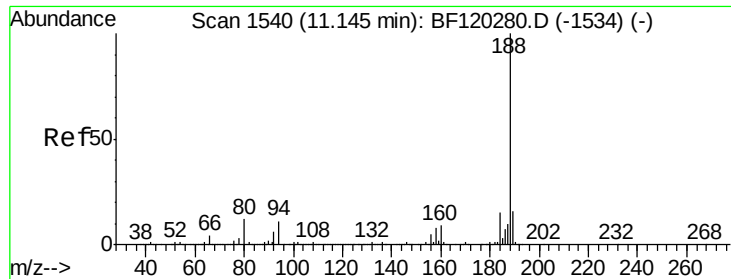
Tot Ion	Ratio	Lower	Upper
139	100		
109	1.1	34.6	74.6#
65	2.2	73.3	113.3#



#58
Fluorene
Concen: 62.569 ng
RT: 10.19 min Scan# 1378
Delta R.T. -0.00 min
Lab File: BF120355.D
Acq: 18 May 2020 21:22

Tgt Ion	Ratio	Lower	Upper
166	100		
165	93.9	74.7	112.1
167	14.0	11.4	17.0

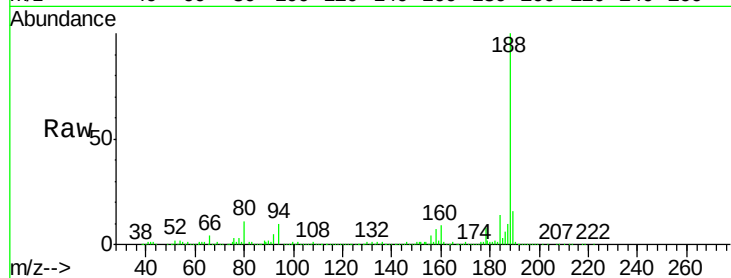




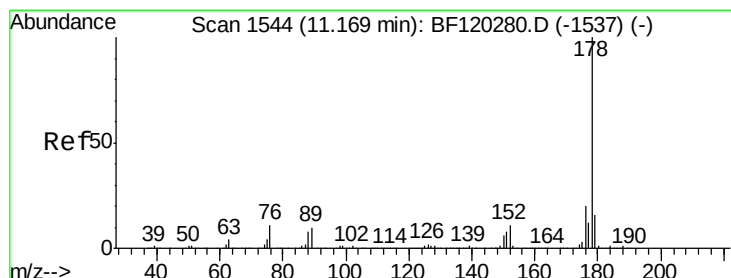
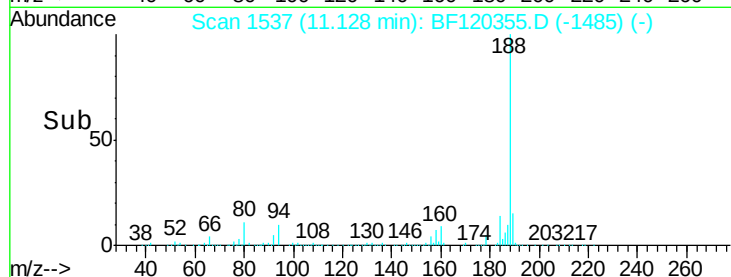
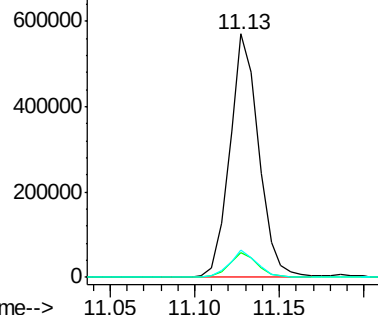
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.13 min Scan# 1537
Delta R.T. 0.01 min
Lab File: BF120355.D
Acq: 18 May 2020 21:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 678319
Ion Ratio Lower Upper
188 100
94 10.2 8.6 13.0
80 11.0 9.2 13.8

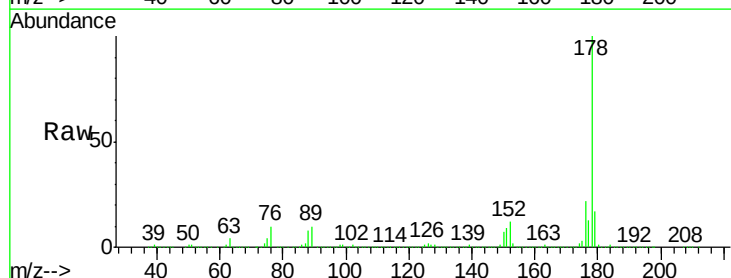


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

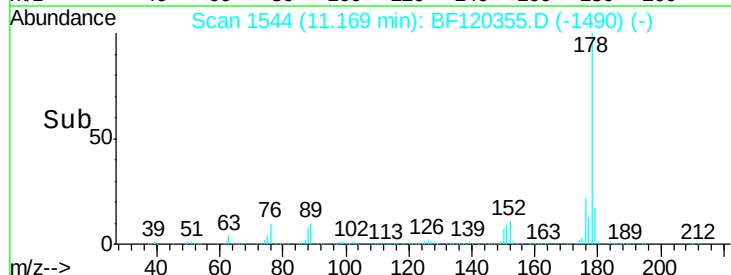
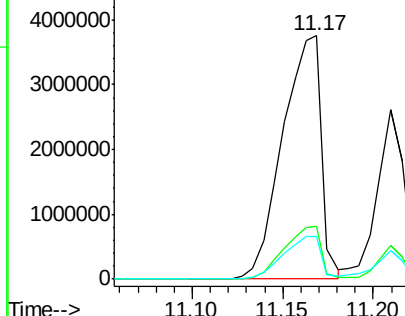


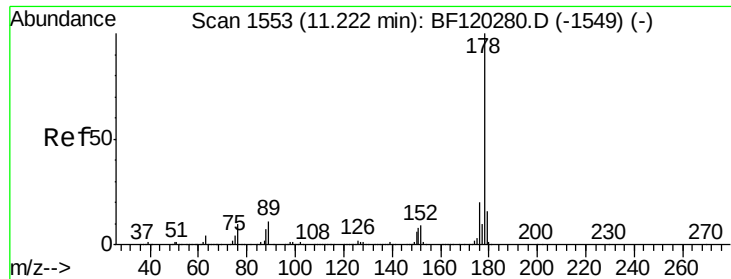
#71
Phenanthrene
Concen: 196.963 ng
RT: 11.17 min Scan# 1544
Delta R.T. 0.02 min
Lab File: BF120355.D
Acq: 18 May 2020 21:22

Tgt Ion:178 Resp: 5614046
Ion Ratio Lower Upper
178 100
176 22.0 15.8 23.8
179 17.4 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: 90.300 ng

RT: 11.21 min Scan# 1551

Delta R.T. 0.01 min

Lab File: BF120355.D

Acq: 18 May 2020 21:22

Instrument :

BNA_F

ClientSampleId :

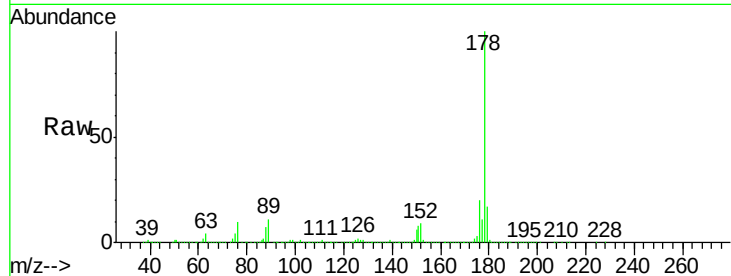
Tot Ion:178 Resp: 2755399

Ion Ratio Lower Upper

178 100

176 19.8 15.7 23.5

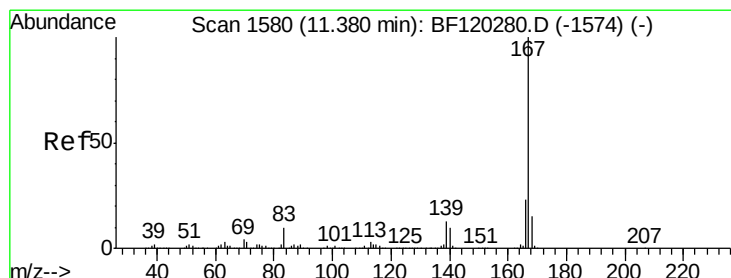
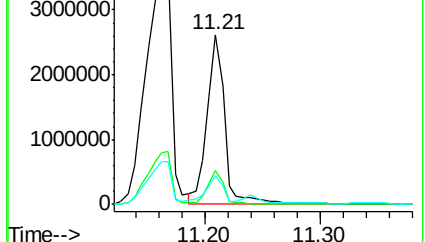
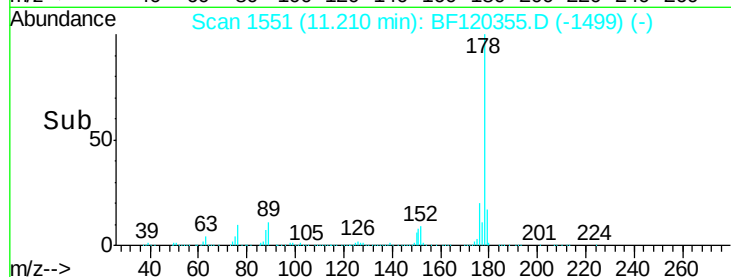
179 16.9 13.0 19.6



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: 26.049 ng

RT: 11.36 min Scan# 1577

Delta R.T. -0.00 min

Lab File: BF120355.D

Acq: 18 May 2020 21:22

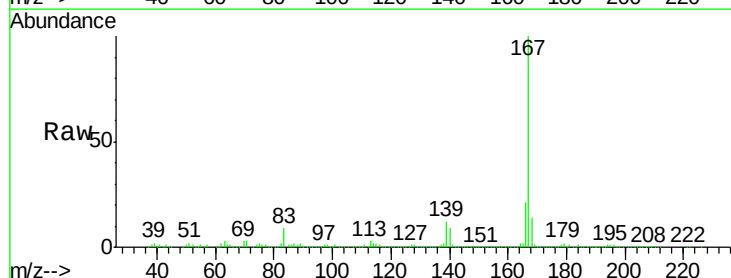
Tgt Ion:167 Resp: 742679

Ion Ratio Lower Upper

167 100

166 21.4 18.1 27.1

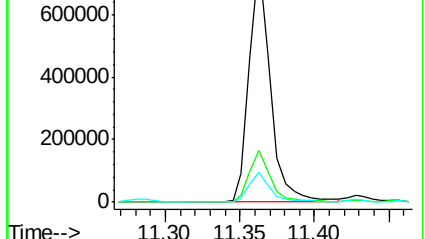
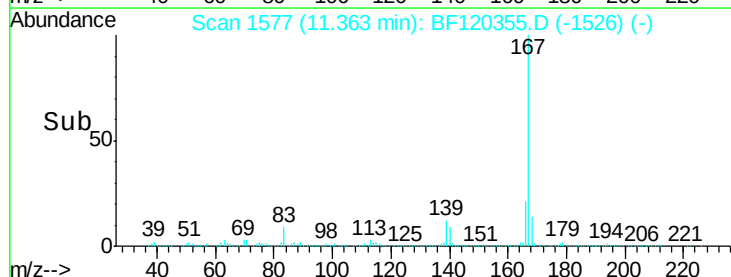
139 12.0 10.6 15.8

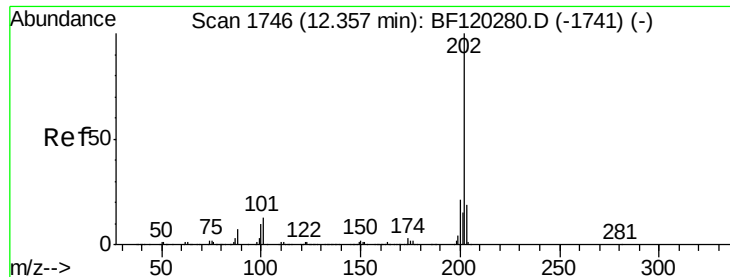


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#75

Fluoranthene

Concen: 209.974 ng

RT: 12.36 min Scan# 1746

Delta R.T. 0.02 min

Lab File: BF120355.D

Acq: 18 May 2020 21:22

Instrument :

BNA_F

ClientSampleId :

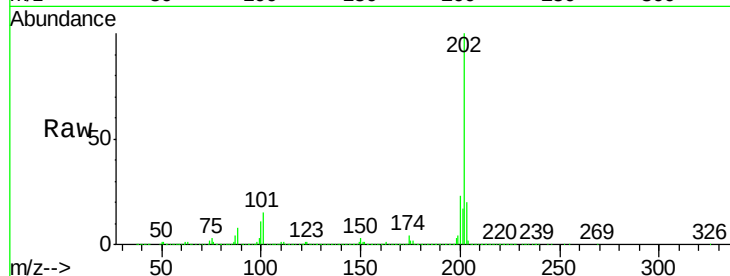
Tot Ion:202 Resp: 6414790

Ion Ratio Lower Upper

202 100

101 15.1 0.0 33.2

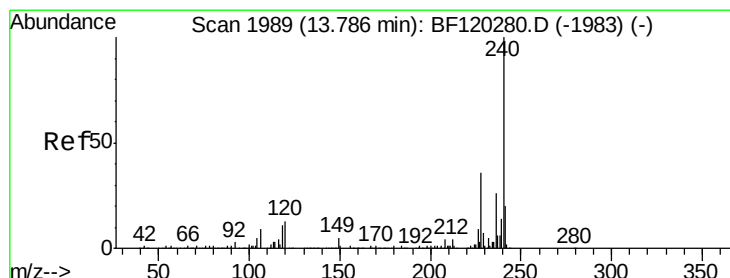
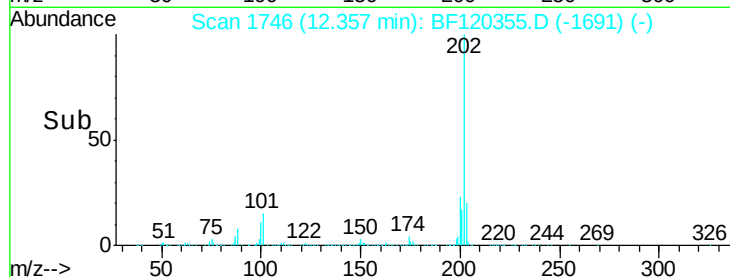
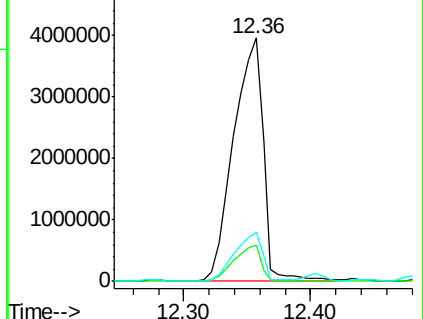
203 20.1 0.0 39.1



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: 13.77 min Scan# 1987

Delta R.T. 0.01 min

Lab File: BF120355.D

Acq: 18 May 2020 21:22

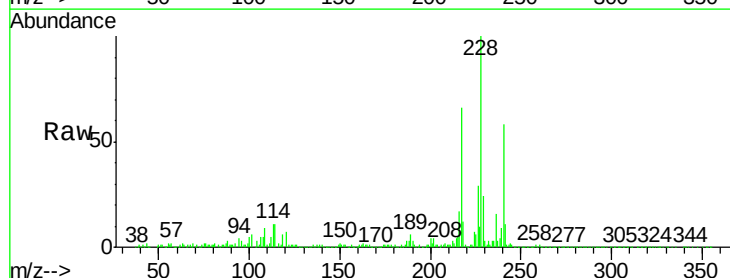
Tgt Ion:240 Resp: 493808

Ion Ratio Lower Upper

240 100

120 12.2 10.4 15.6

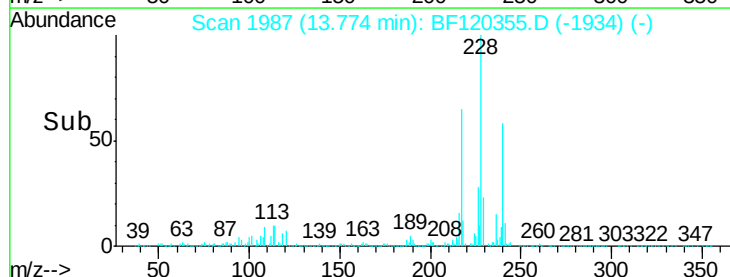
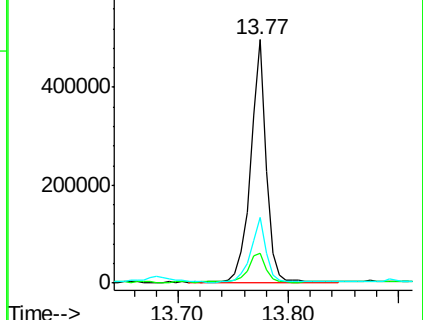
236 26.9 21.0 31.6

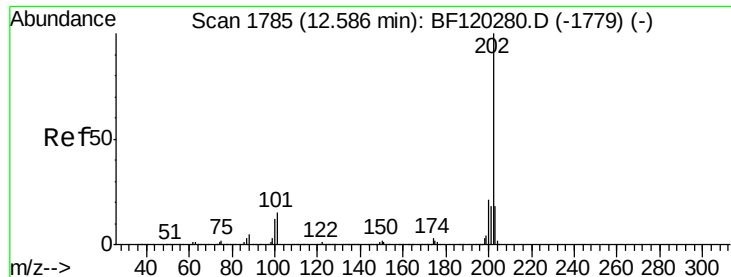


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Pvrene

Concen: 167.962 ng

RT: 12.58 min Scan# 1784

Delta R.T. 0.02 min

Lab File: BF120355.D

Acq: 18 May 2020 21:22

Instrument :

BNA_F

ClientSampled :

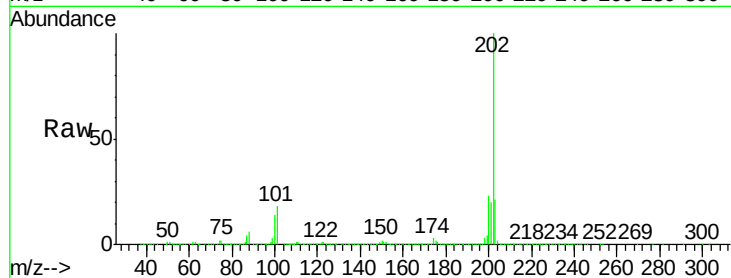
Tot Ion:202 Resp: 5912884

Ion Ratio Lower Upper

202 100

200 22.6 16.6 25.0

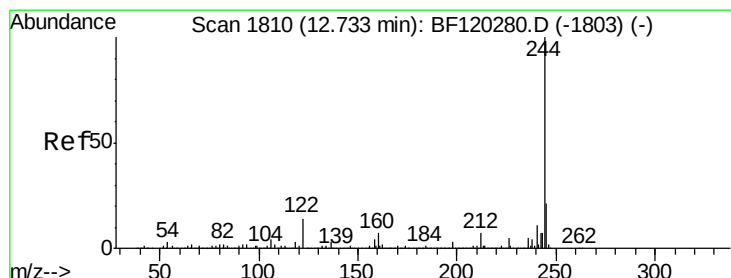
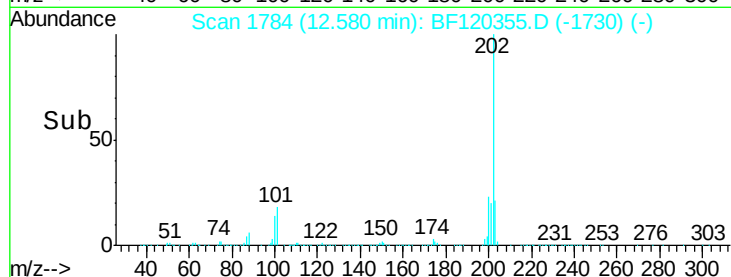
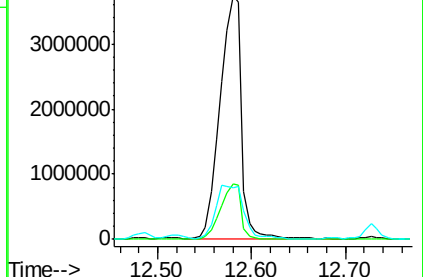
203 21.0 14.6 22.0



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: 40.389 ng

RT: 12.71 min Scan# 1806

Delta R.T. -0.00 min

Lab File: BF120355.D

Acq: 18 May 2020 21:22

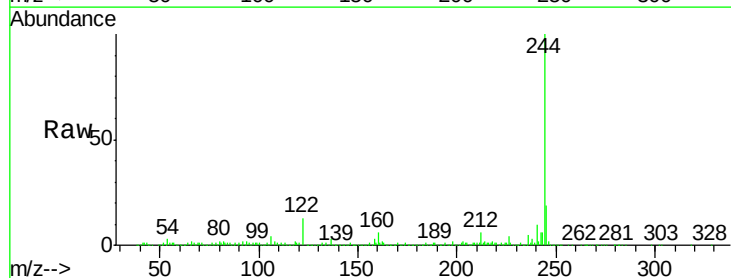
Tgt Ion:244 Resp: 902775

Ion Ratio Lower Upper

244 100

212 6.3 5.8 8.6

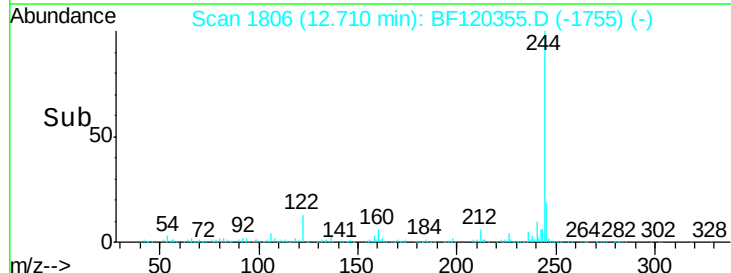
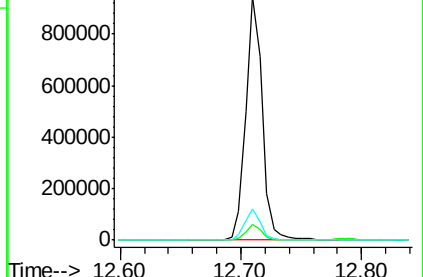
122 12.6 10.8 16.2

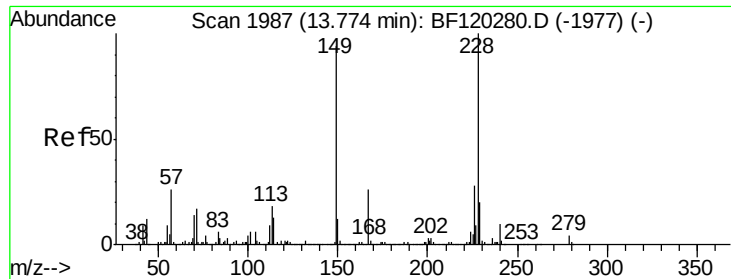


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

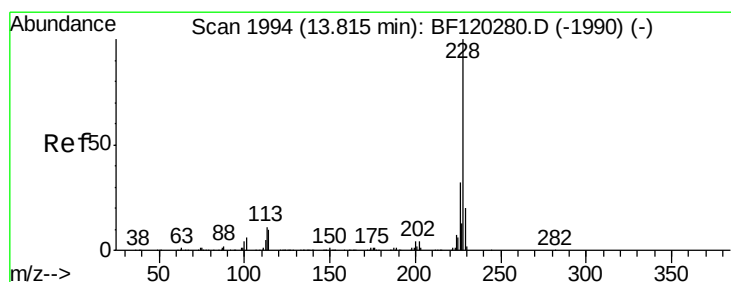
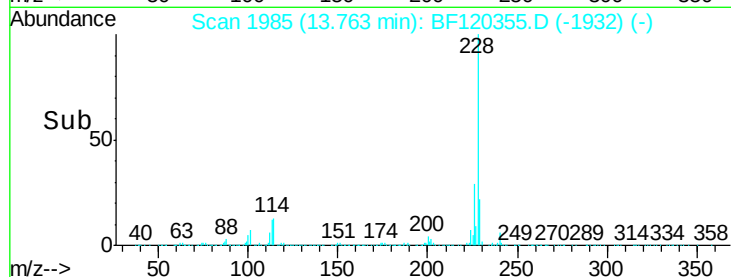
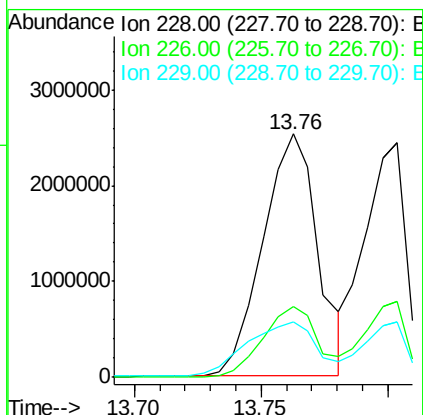
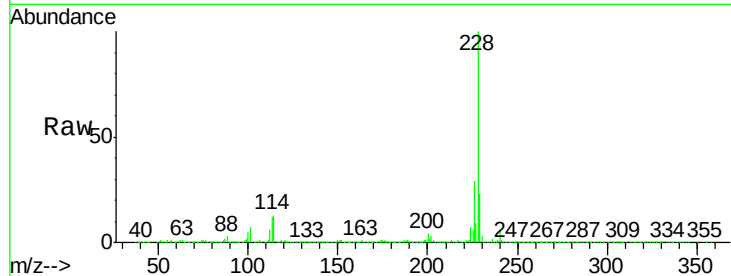




#81
Benzo(a)anthracene
Concen: 147.302 ng
RT: 13.76 min Scan# 1985
Delta R.T. 0.01 min
Lab File: BF120355.D
Acq: 18 May 2020 21:22

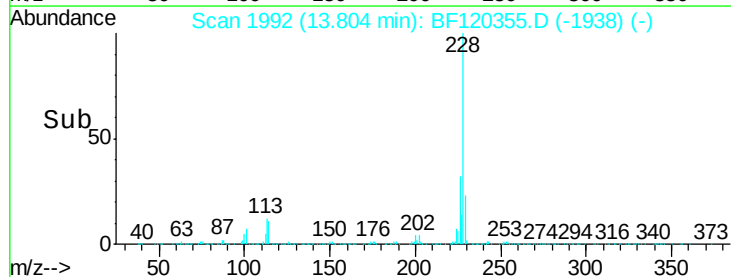
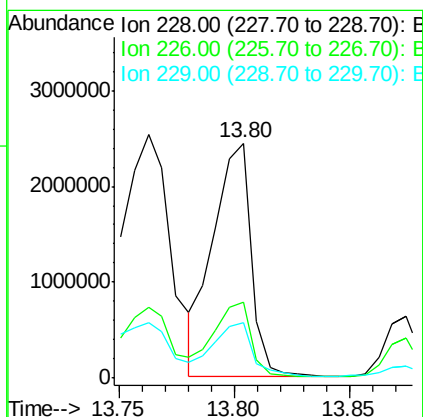
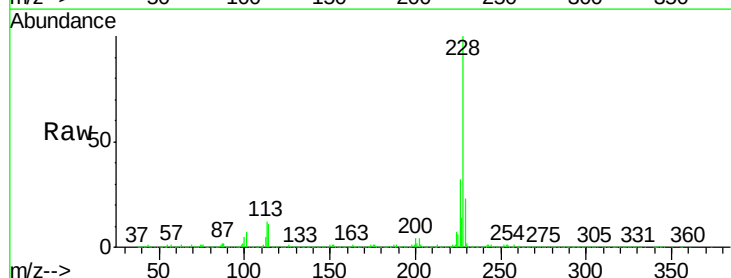
Instrument :
BNA_F
ClientSampleId :

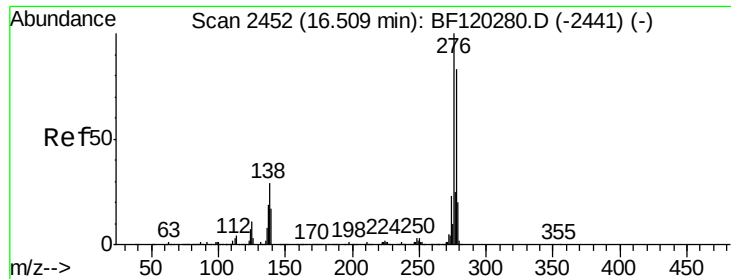
Tot Ion:228 Resp: 3836500
Ion Ratio Lower Upper
228 100
226 29.3 22.6 33.8
229 22.6 16.4 24.6



#83
Chrysene
Concen: 100.633 ng
RT: 13.80 min Scan# 1992
Delta R.T. 0.02 min
Lab File: BF120355.D
Acq: 18 May 2020 21:22

Tgt Ion:228 Resp: 2814454
Ion Ratio Lower Upper
228 100
226 32.2 25.0 37.6
229 23.4 16.2 24.4

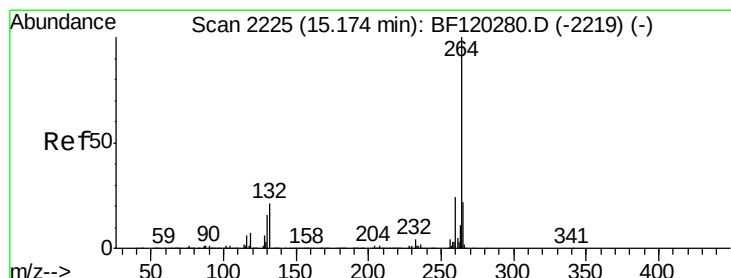
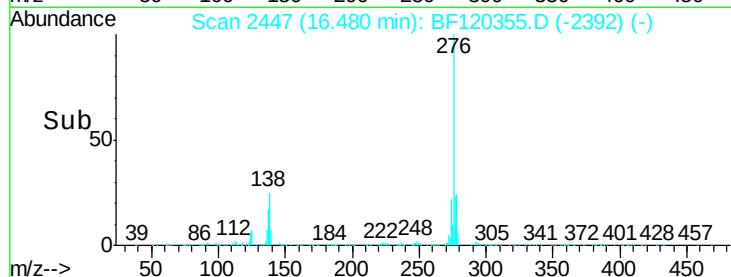
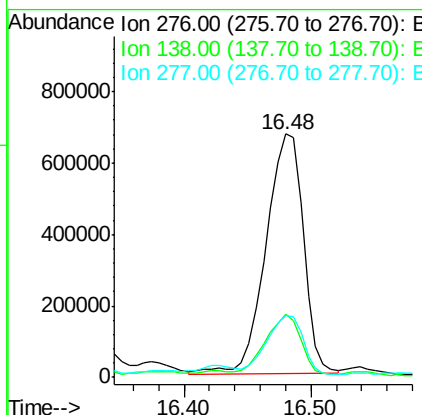
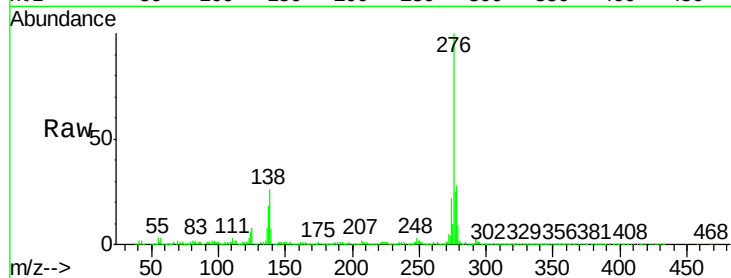




#86
 Indeno(1,2,3-cd)pyrene
 Concen: 54.220 ng
 RT: 16.48 min Scan# 2447
 Delta R.T. 0.02 min
 Lab File: BF120355.D
 Acq: 18 May 2020 21:22

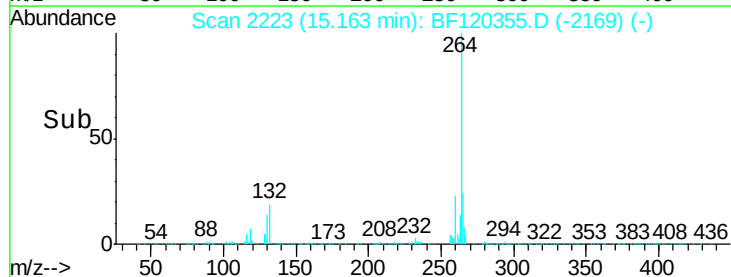
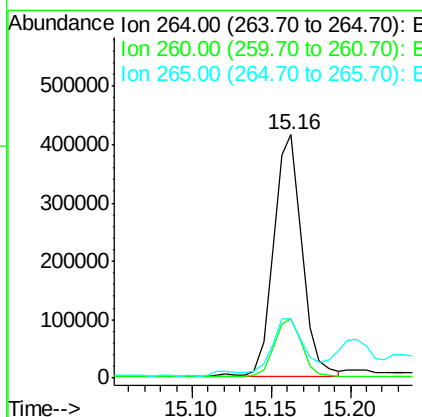
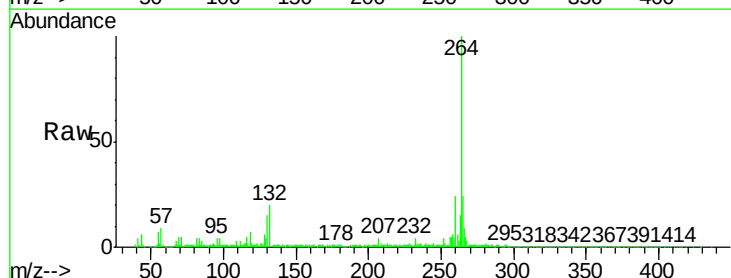
Instrument :
 BNA_F
 ClientSampleId :

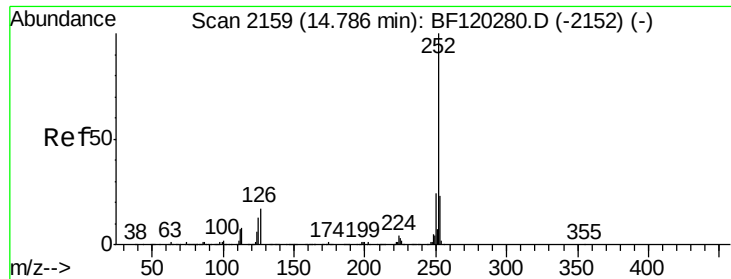
Tot Ion:276 Resp: 1376275
 Ion Ratio Lower Upper
 276 100
 138 24.4 23.3 34.9
 277 23.3 20.2 30.4



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.16 min Scan# 2223
 Delta R.T. 0.02 min
 Lab File: BF120355.D
 Acq: 18 May 2020 21:22

Tgt Ion:264 Resp: 520762
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.0 28.6
 265 24.4 17.5 26.3





#88

Benzo(b)fluoranthene

Concen: 162.465 ng

RT: 14.78 min Scan# 2158

Delta R.T. 0.02 min

Lab File: BF120355.D

Acq: 18 May 2020 21:22

Instrument :

BNA_F

ClientSampleId :

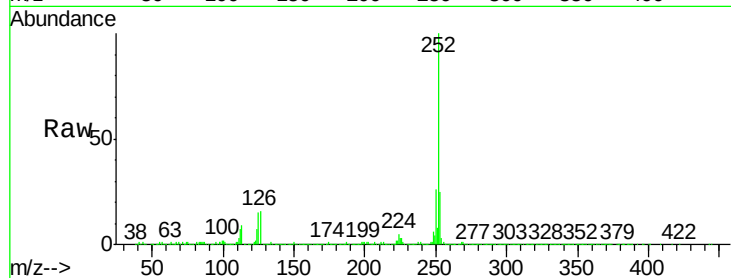
Tot Ion:252 Resp: 4620519

Ion Ratio Lower Upper

252 100

253 24.6 18.1 27.1

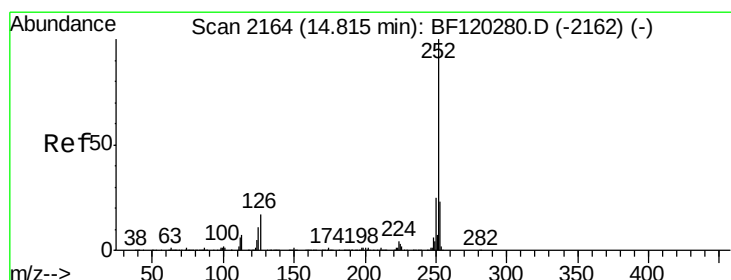
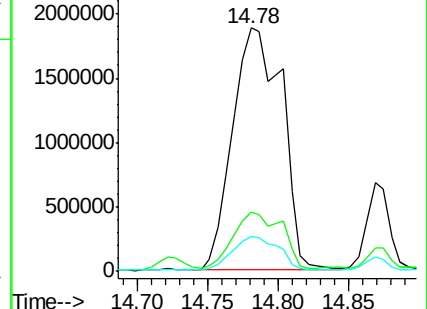
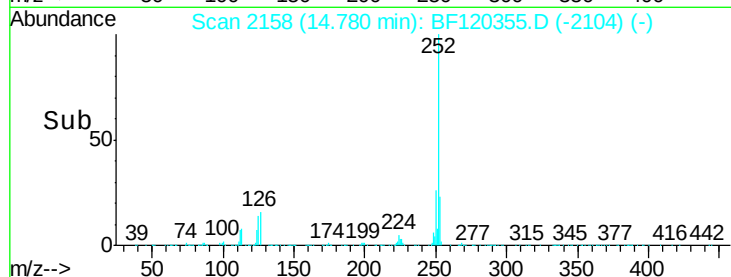
125 14.5 10.4 15.6



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: 187.522 ng

RT: 14.78 min Scan# 2158

Delta R.T. -0.01 min

Lab File: BF120355.D

Acq: 18 May 2020 21:22

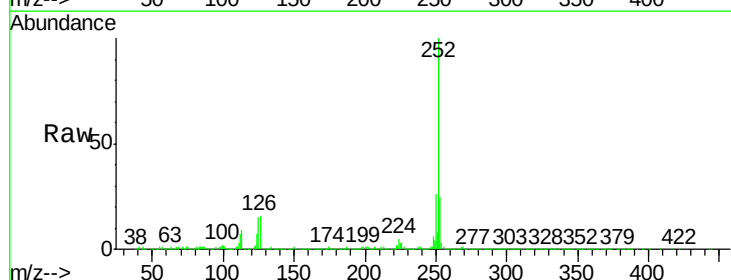
Tgt Ion:252 Resp: 4620519

Ion Ratio Lower Upper

252 100

253 24.6 18.2 27.2

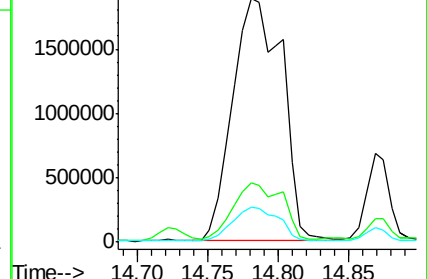
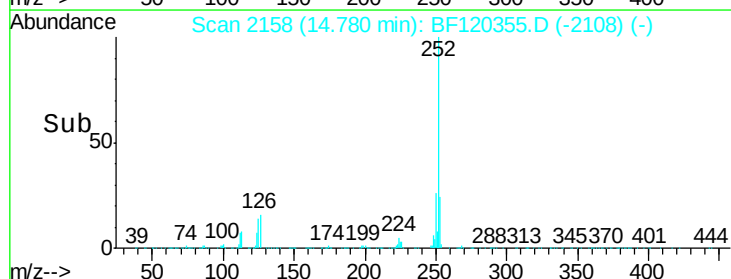
125 14.5 9.9 14.9

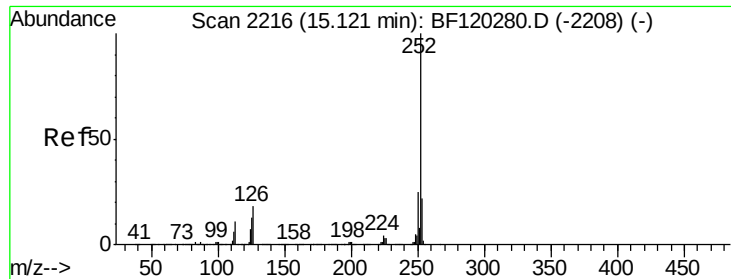


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

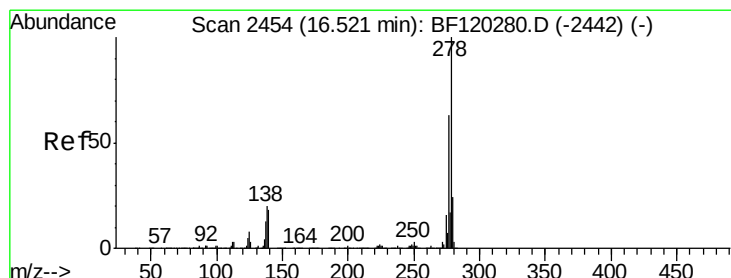
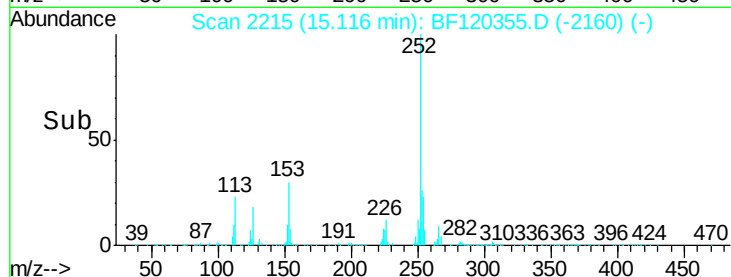
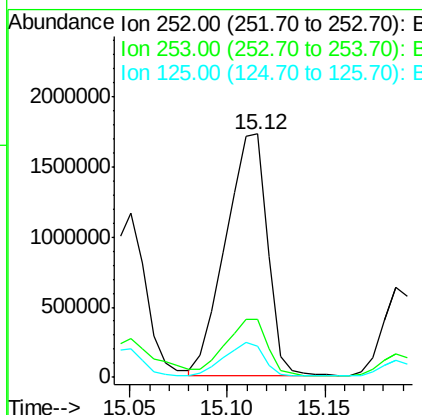
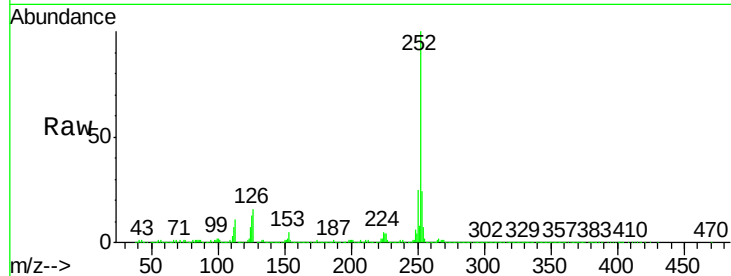




#90
Benzo(a)pyrene
Concen: 100.873 ng
RT: 15.12 min Scan# 2215
Delta R.T. 0.02 min
Lab File: BF120355.D
Acq: 18 May 2020 21:22

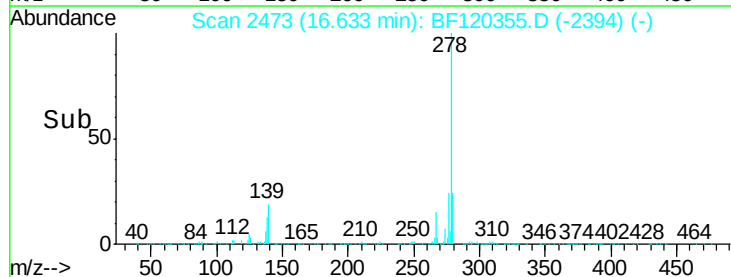
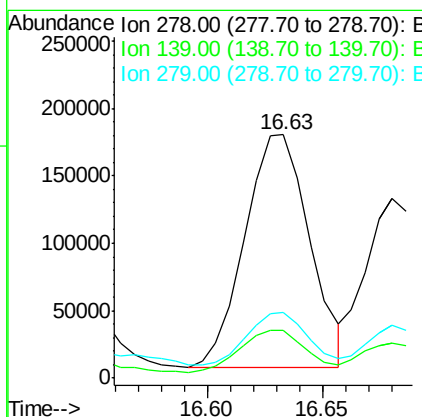
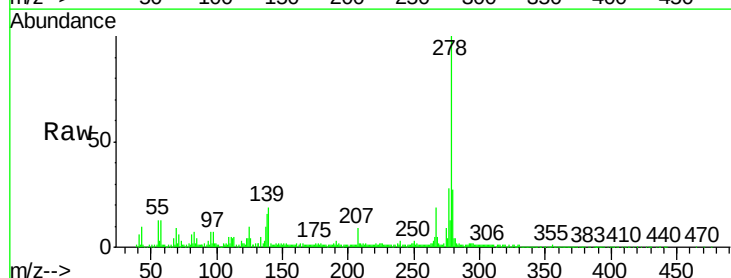
Instrument :
BNA_F
ClientSampleId :

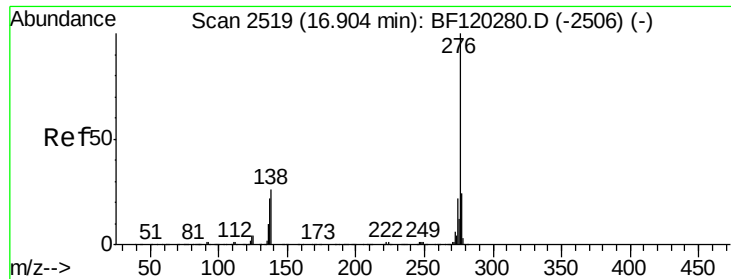
Tot Ion:252 Resp: 2572844
Ion Ratio Lower Upper
252 100
253 24.1 17.6 26.4
125 12.8 10.6 16.0



#91
Dibenzo(a,h)anthracene
Concen: 14.893 ng
RT: 16.63 min Scan# 2473
Delta R.T. 0.16 min
Lab File: BF120355.D
Acq: 18 May 2020 21:22

Tgt Ion:278 Resp: 336511
Ion Ratio Lower Upper
278 100
139 19.5 14.7 22.1
279 27.2 19.2 28.8





#92

Benzo(a,h,i)perylene

Concen: 53.209 ng

RT: 16.88 min Scan# 2515

Delta R.T. 0.03 min

Lab File: BF120355.D

Acq: 18 May 2020 21:22

Instrument :

BNA_F

ClientSampleId :

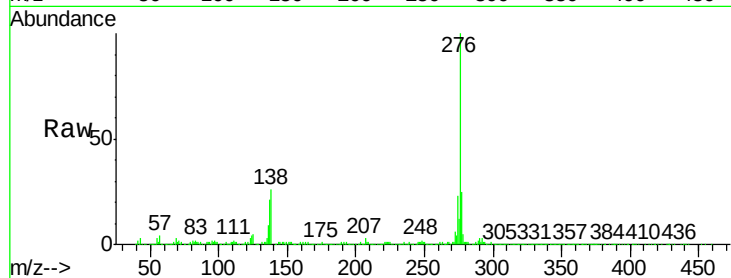
Tot Ion:276 Resp: 1212386

Ion Ratio Lower Upper

276 100

277 25.2 19.1 28.7

138 25.6 20.8 31.2



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

