

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071020\
 Data File : BF120846.D
 Acq On : 10 Jul 2020 22:32
 Operator : JU/CG
 Sample : L3256-04 2X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 24465

Quant Time: Jul 11 01:55:12 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 02 18:51:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	197620	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	728456	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	344116	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	543865	20.00	ng	0.00
76) Chrysene-d12	14.06	240	130838	20.00	ng	0.05
86) Perylene-d12	15.54	264	313143	20.00	ng	0.08

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	481801	37.63	ng	0.00
7) Phenol-d6	6.46	99	604342	36.97	ng	-0.01
23) Nitrobenzene-d5	7.40	82	370619	29.48	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	131278	37.97	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	702236	30.87	ng	0.00
79) Terphenyl-d14	12.99	244	202999	30.38	ng	0.02

Target Compounds

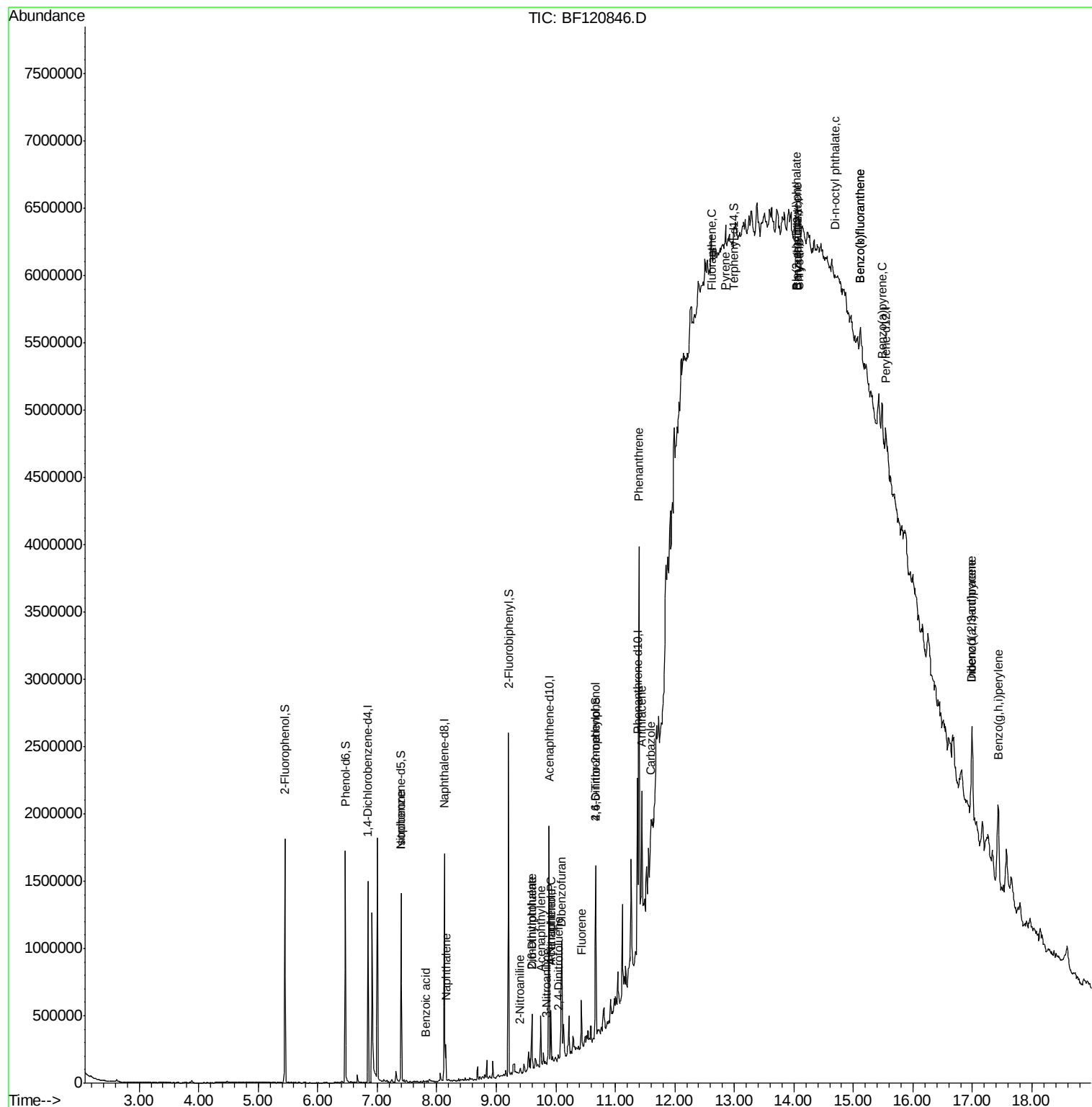
						Qvalue
25) Isophorone	7.40	82	368457	13.589	ng	# 64
31) Naphthalene	8.15	128	94395	2.425	ng	98
32) Benzoic acid	7.81	122	659	4.303	ng	88
48) 2-Nitroaniline	9.40	65	232	2.652	ng	# 57
49) Acenaphthylene	9.75	152	128174	3.676	ng	98
50) Dimethylphthalate	9.60	163	124808	4.972	ng	98
51) 2,6-Dinitrotoluene	9.60	165	2195	2.697	ng	# 32
52) Acenaphthene	9.92	154	73500	3.398	ng	99
53) 3-Nitroaniline	9.84	138	531	2.246	ng	# 45
55) Dibenzofuran	10.09	168	79051	2.536	ng	98
56) 4-Nitrophenol	9.92	139	1197	2.344	ng	# 1
57) 2,4-Dinitrotoluene	10.05	165	2247	3.413	ng	# 27
58) Fluorene	10.43	166	102375	4.412	ng	100
65) 4,6-Dinitro-2-methylphenol	10.67	198	365	7.144	ng	# 1
71) Phenanthrene	11.40	178	1086349	36.814	ng	100
72) Anthracene	11.45	178	336275	11.277	ng	99
73) Carbazole	11.60	167	95655	3.338	ng	# 93
75) Fluoranthene	12.61	202	495507	15.763	ng	95
78) Pyrene	12.84	202	423200	40.500	ng	97
81) Benzo(a)anthracene	14.06	228	227643	27.143	ng	95
83) Chrysene	14.09	228	211185	24.686	ng	96
84) Bis(2-ethylhexyl)phthalate	14.04	149	62027	10.485	ng	# 75
85) Di-n-octyl phthalate	14.70	149	24756	2.365	ng	# 69
87) Indeno(1,2,3-cd)pyrene	16.99	276	562075	27.984	ng	95
88) Benzo(b)fluoranthene	15.12	252	657235	31.925	ng	# 80
89) Benzo(k)fluoranthene	15.12	252	657235	32.809	ng	# 80
90) Benzo(a)pyrene	15.48	252	489044	26.630	ng	# 82
91) Dibenzo(a,h)anthracene	17.00	278	136372	8.146	ng	# 82
92) Benzo(g,h,i)perylene	17.43	276	542728	35.473	ng	96

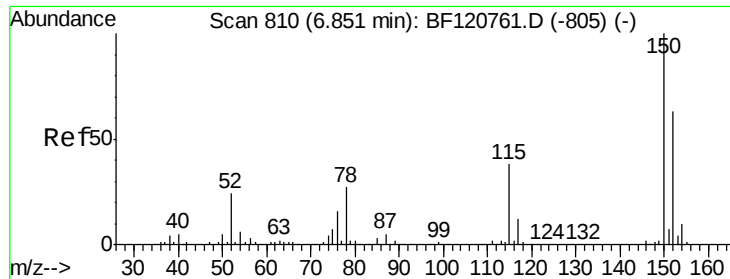
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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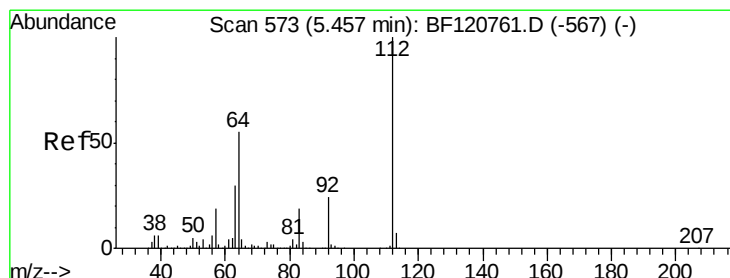
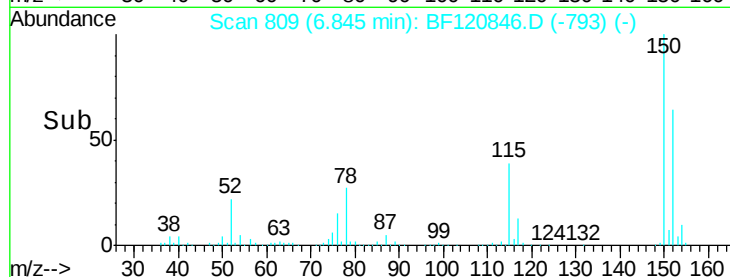
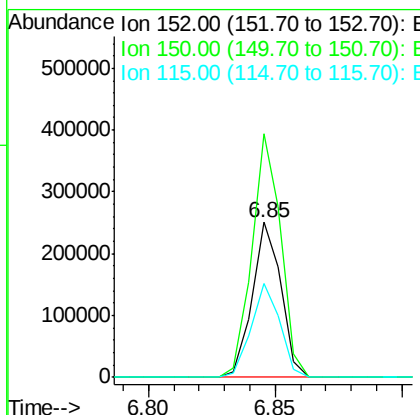
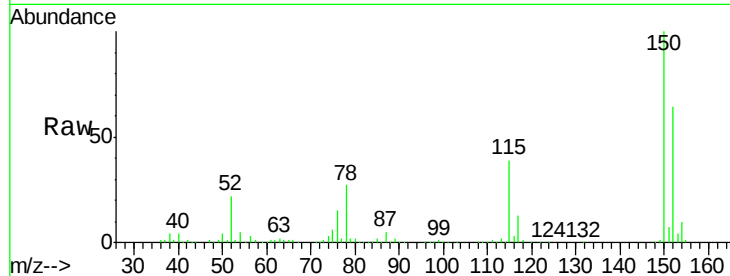




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.85 min Scan# 809
 Delta R.T. -0.01 min
 Lab File: BF120846.D
 Acq: 10 Jul 2020 22:32

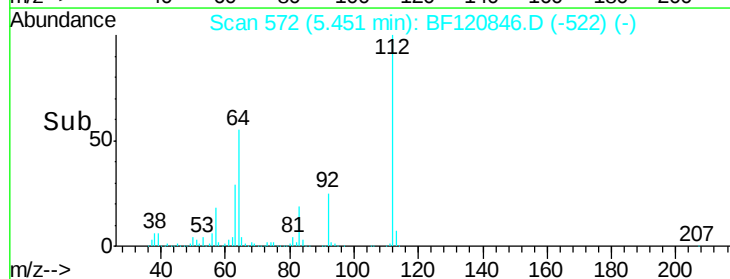
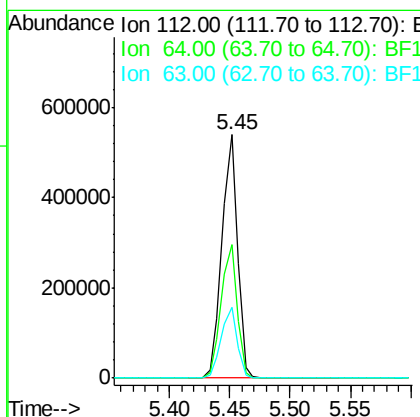
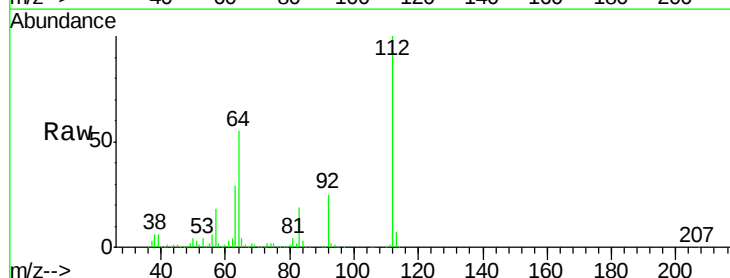
Instrument :
 BNA_F
 ClientSampleId :
 24465

Tot Ion:152 Resp: 197620
 Ion Ratio Lower Upper
 152 100
 150 157.0 126.1 189.1
 115 60.7 48.5 72.7



#5
 2-Fluorophenol
 Concen: 37.634 ng
 RT: 5.45 min Scan# 572
 Delta R.T. -0.01 min
 Lab File: BF120846.D
 Acq: 10 Jul 2020 22:32

Tgt Ion:112 Resp: 481801
 Ion Ratio Lower Upper
 112 100
 64 54.8 43.8 65.6
 63 29.0 23.6 35.4





#7

Phenol-d6

Concen: 36.965 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF120846.D

Acq: 10 Jul 2020 22:32

Instrument :

BNA_F

ClientSampleId :

24465

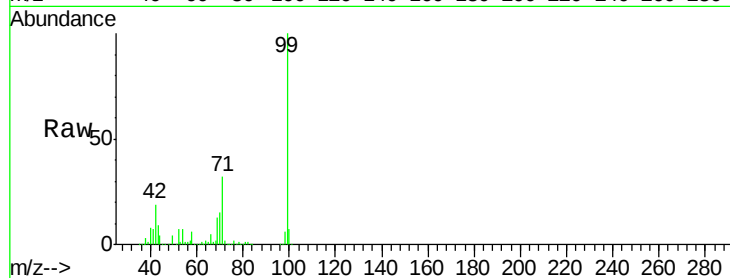
Tot Ion: 99 Resp: 604342

Ion Ratio Lower Upper

99 100

42 18.9 15.4 23.0

71 32.4 25.9 38.9



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

800000

600000

400000

200000

0

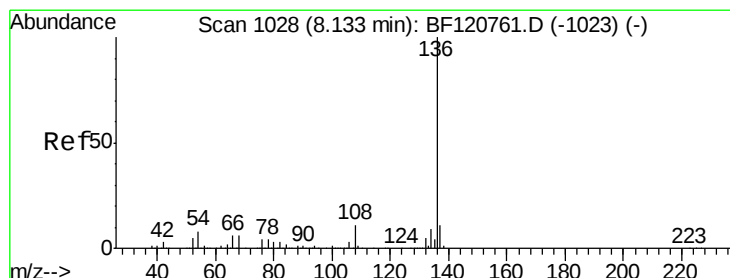
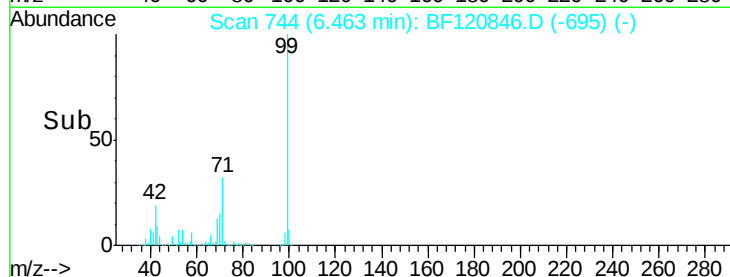
6.46

6.40

6.45

6.50

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF120846.D

Acq: 10 Jul 2020 22:32

Tgt Ion: 136 Resp: 728456

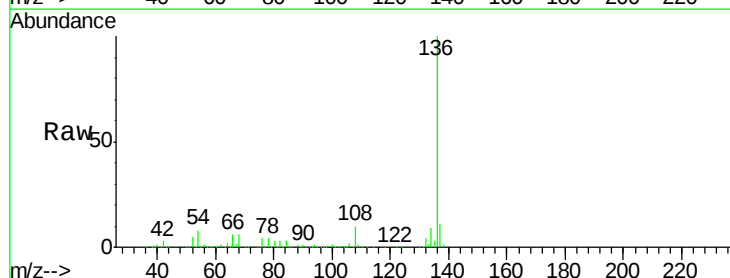
Ion Ratio Lower Upper

136 100

137 11.3 9.0 13.6

54 8.3 6.2 9.4

68 6.3 4.7 7.1



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

1200000

1000000

800000

600000

400000

200000

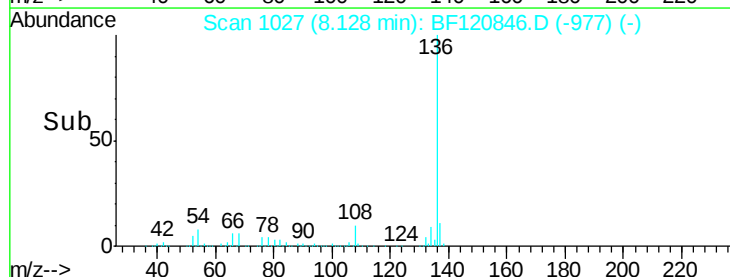
0

8.13

8.10

8.15

Time-->

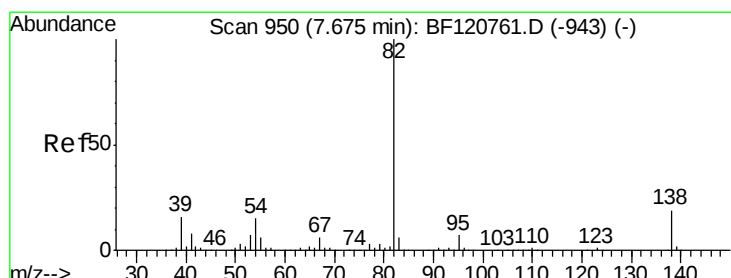
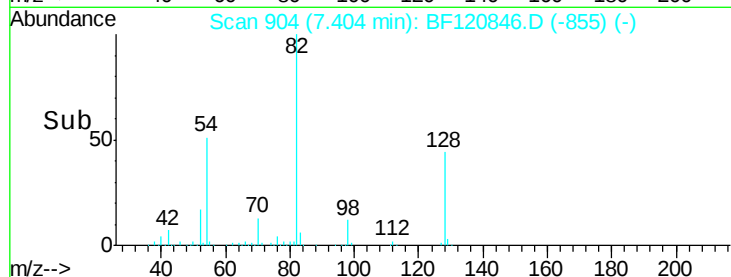
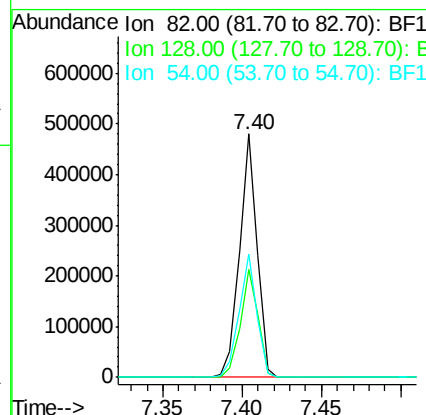
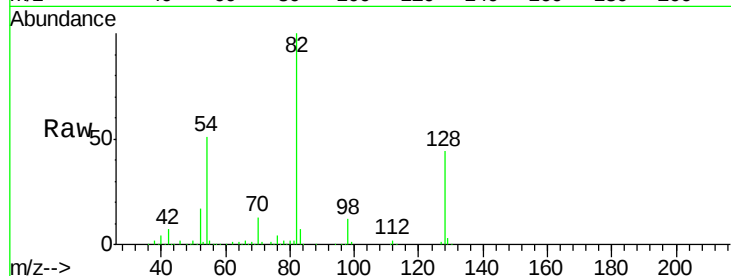




#23
Nitrobenzene-d5
Concen: 29.477 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF120846.D
Acq: 10 Jul 2020 22:32

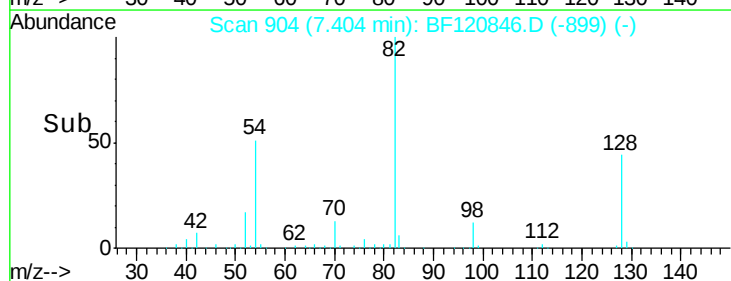
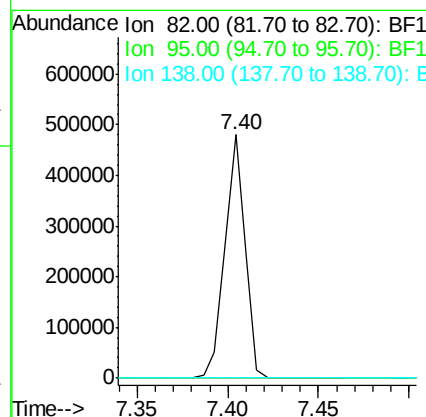
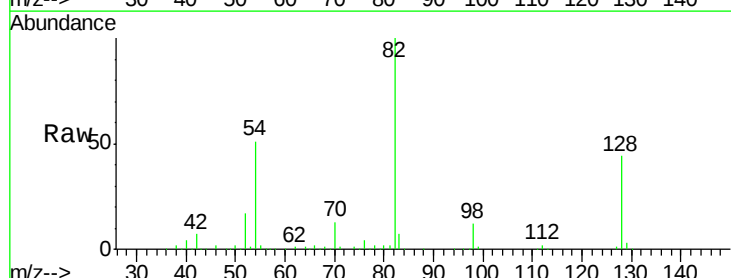
Instrument :
BNA_F
ClientSampleId :
24465

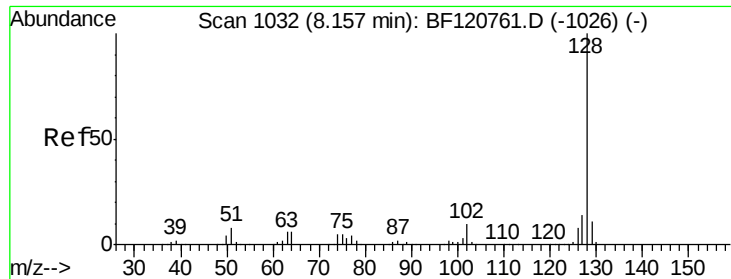
Tot Ion: 82 Resp: 370619
Ion Ratio Lower Upper
82 100
128 44.2 35.7 53.5
54 50.9 40.9 61.3



#25
Isophorone
Concen: 13.589 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.27 min
Lab File: BF120846.D
Acq: 10 Jul 2020 22:32

Tgt Ion: 82 Resp: 368457
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.2#
138 0.0 15.0 22.4#

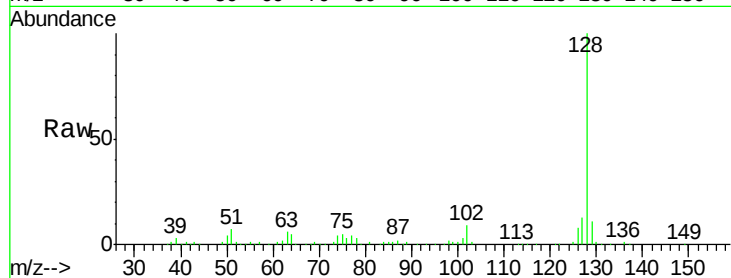




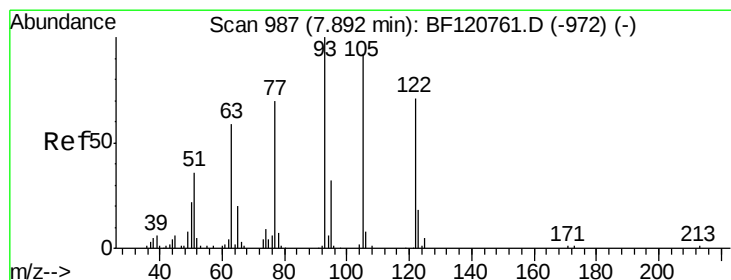
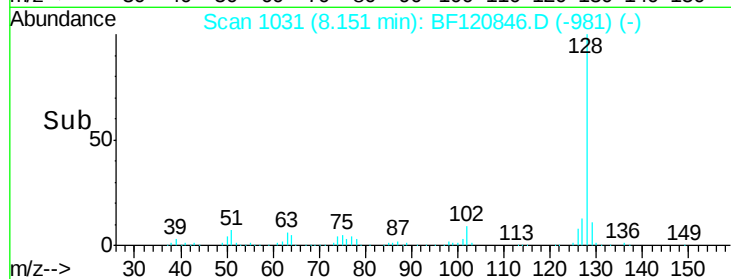
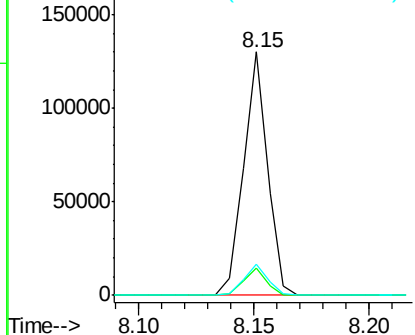
#31
Naphthalene
Concen: 2.425 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF120846.D
Acq: 10 Jul 2020 22:32

Instrument :
BNA_F
ClientSampleId :
24465

Tot Ion:128 Resp: 94395
Ion Ratio Lower Upper
128 100
129 11.0 9.2 13.8
127 12.6 11.1 16.7

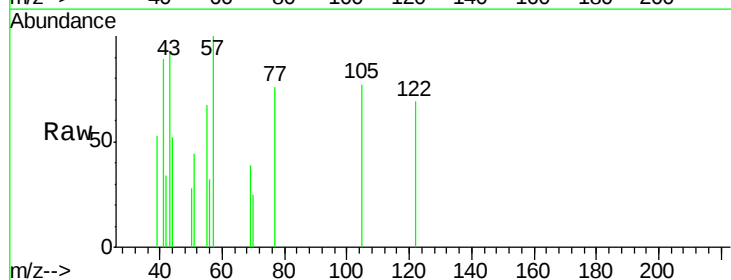


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

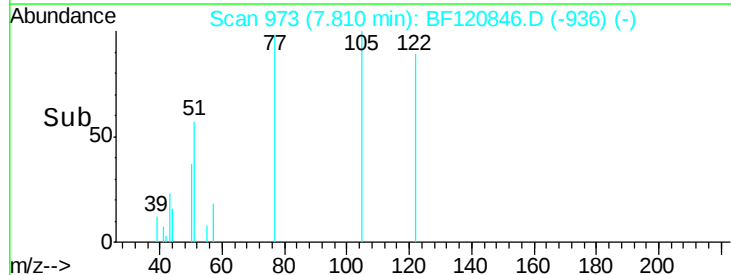
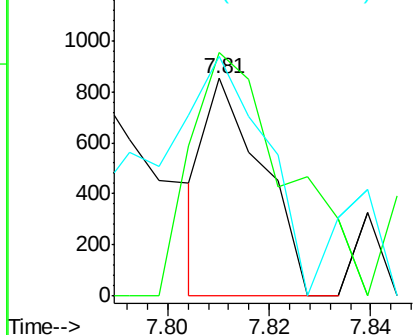


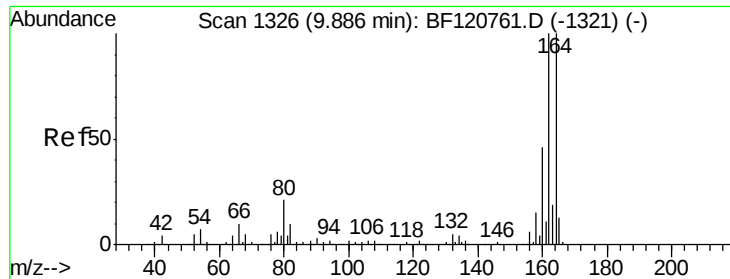
#32
Benzoic acid
Concen: 4.303 ng
RT: 7.81 min Scan# 973
Delta R.T. -0.08 min
Lab File: BF120846.D
Acq: 10 Jul 2020 22:32

Tgt Ion:122 Resp: 659
Ion Ratio Lower Upper
122 100
105 111.9 105.8 145.8
77 109.9 77.3 117.3



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

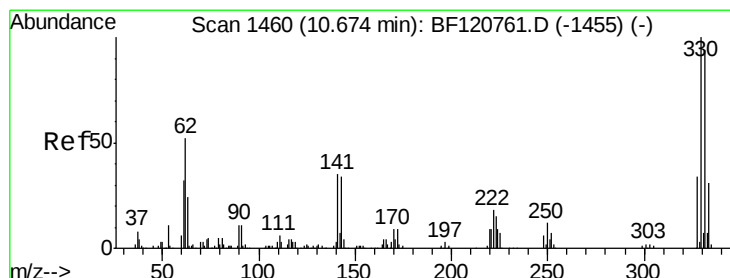
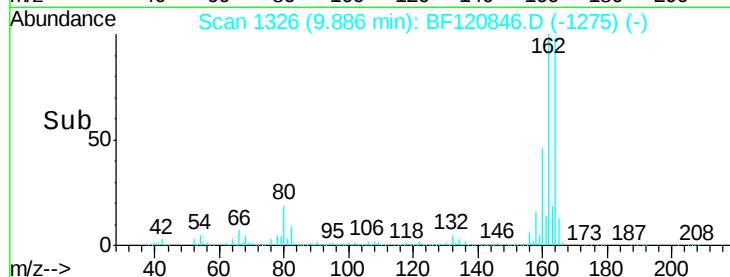
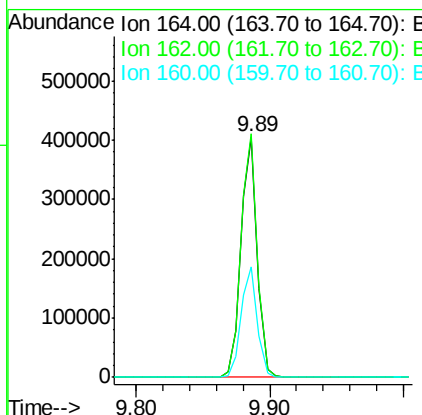
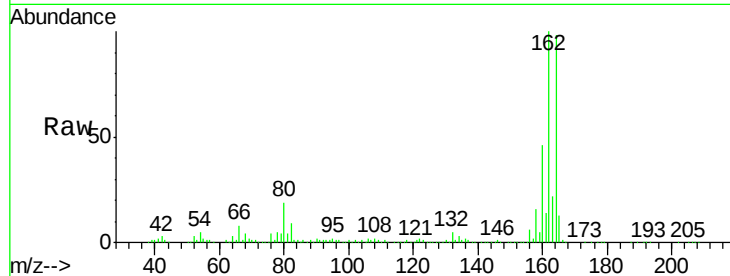




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. 0.00 min
 Lab File: BF120846.D
 Acq: 10 Jul 2020 22:32

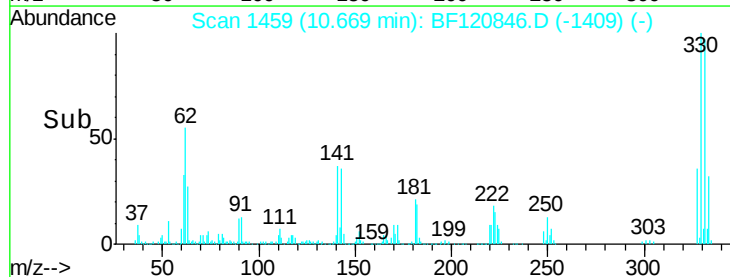
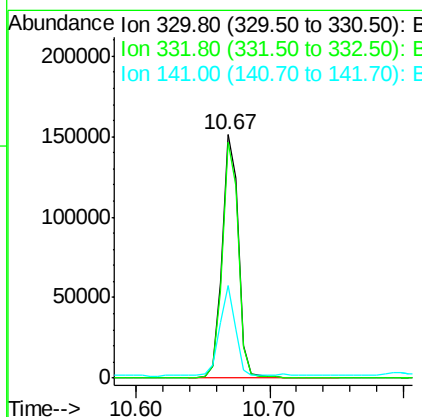
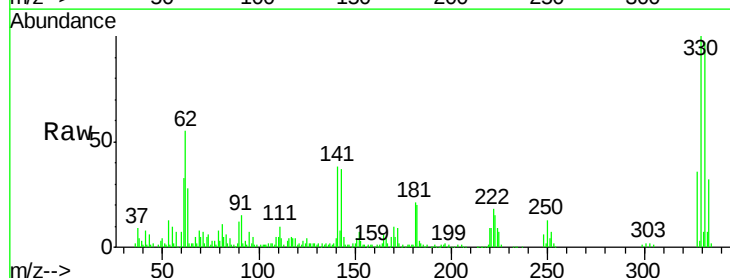
Instrument :
 BNA_F
 ClientSampleId :
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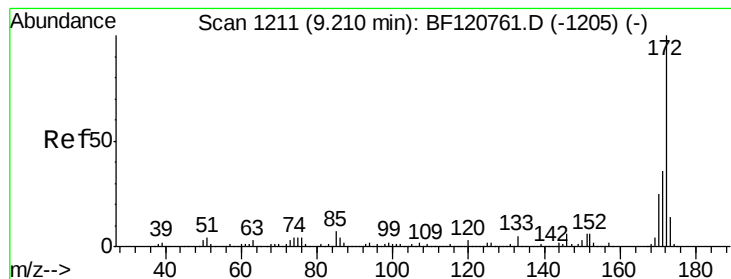
Tot Ion:164 Resp: 344116
 Ion Ratio Lower Upper
 164 100
 162 101.5 80.2 120.2
 160 46.2 36.9 55.3



#42
 2,4,6-Tribromophenol
 Concen: 37.973 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.01 min
 Lab File: BF120846.D
 Acq: 10 Jul 2020 22:32

Tgt Ion:330 Resp: 131278
 Ion Ratio Lower Upper
 330 100
 332 95.4 75.8 113.6
 141 36.4 29.7 44.5





#45

2-Fluorobiphenyl

Concen: 30.875 ng

RT: 9.20 min Scan# 1210

Delta R.T. -0.01 min

Lab File: BF120846.D

Acq: 10 Jul 2020 22:32

Instrument :

BNA_F

ClientSampleId :

24465

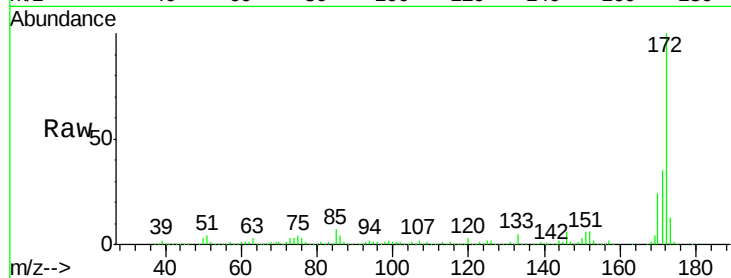
Tot Ion:172 Resp: 702236

Ion Ratio Lower Upper

172 100

171 35.5 29.1 43.7

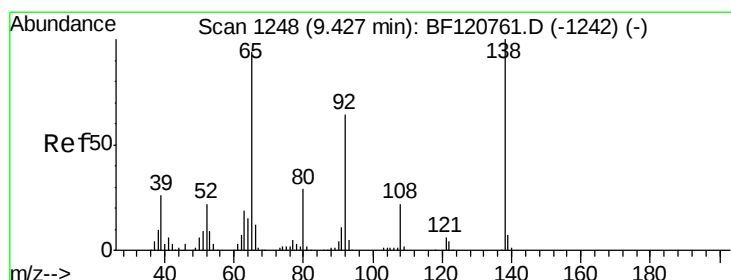
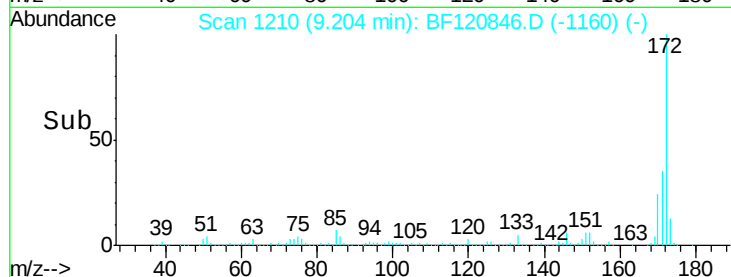
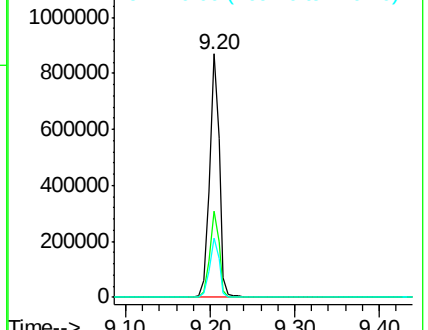
170 24.3 19.8 29.6



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



#48

2-Nitroaniline

Concen: 2.652 ng

RT: 9.40 min Scan# 1244

Delta R.T. -0.02 min

Lab File: BF120846.D

Acq: 10 Jul 2020 22:32

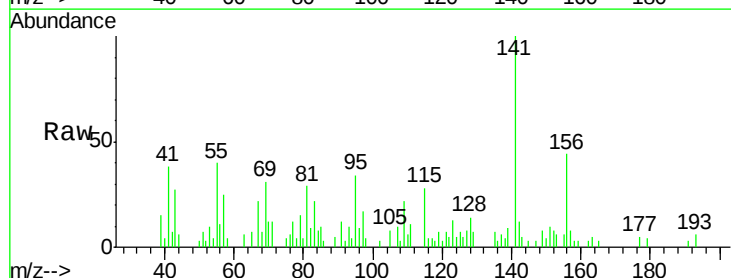
Tgt Ion: 65 Resp: 232

Ion Ratio Lower Upper

65 100

92 40.5 54.4 81.6#

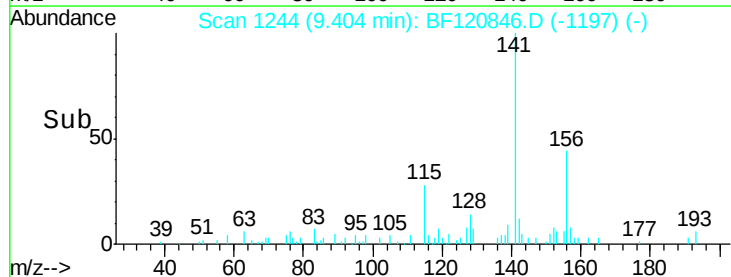
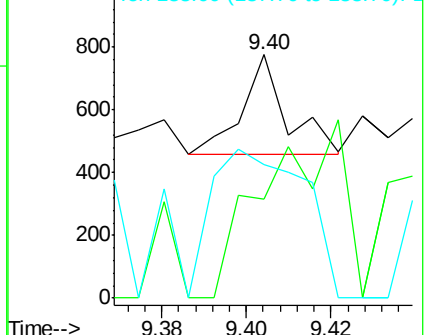
138 55.0 84.7 127.1#

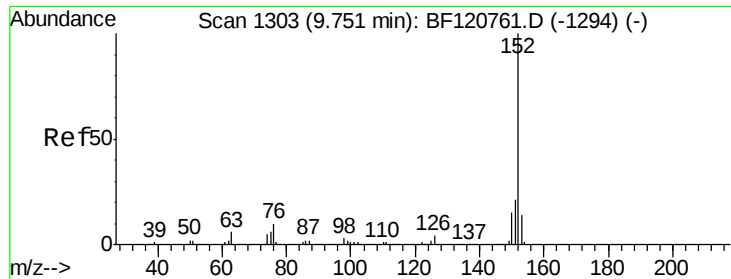


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 3.676 ng

RT: 9.75 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BF120846.D

Acq: 10 Jul 2020 22:32

Instrument :

BNA_F

ClientSampleId :

24465

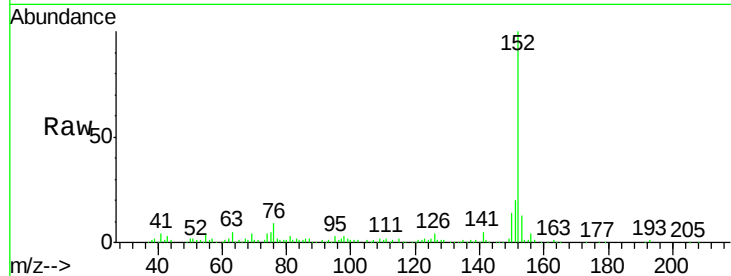
Tot Ion:152 Resp: 128174

Ion Ratio Lower Upper

152 100

151 20.4 16.9 25.3

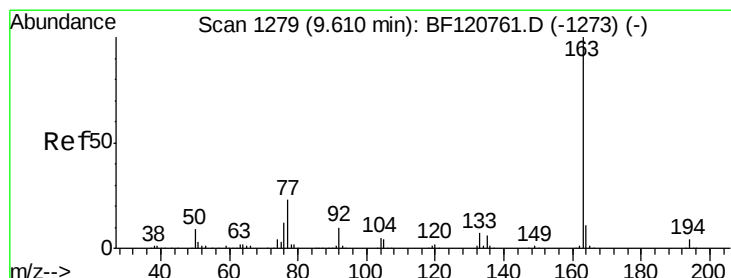
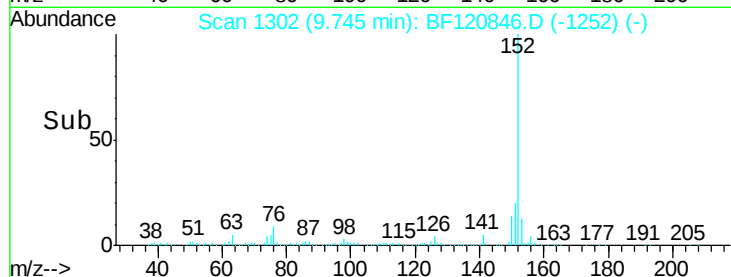
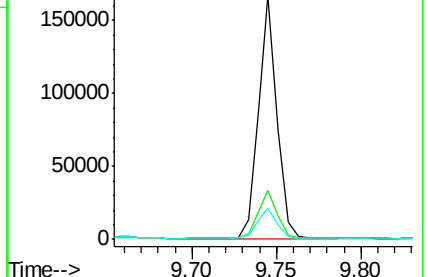
153 12.9 10.8 16.2



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: 4.972 ng

RT: 9.60 min Scan# 1277

Delta R.T. -0.01 min

Lab File: BF120846.D

Acq: 10 Jul 2020 22:32

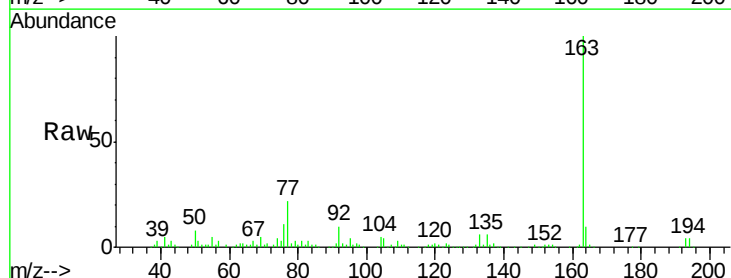
Tgt Ion:163 Resp: 124808

Ion Ratio Lower Upper

163 100

194 4.1 2.9 4.3

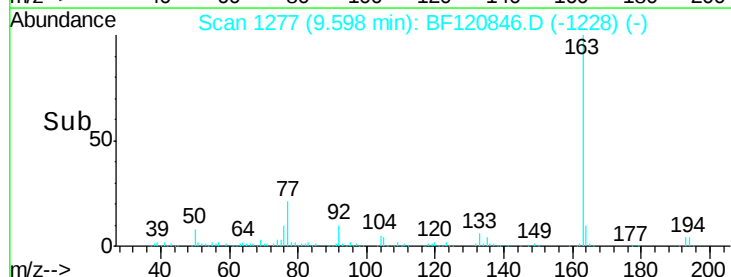
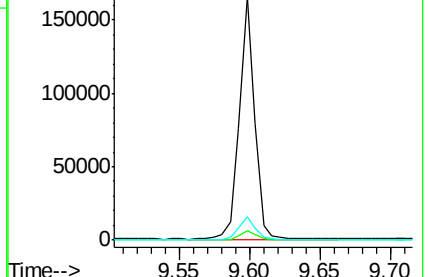
164 9.7 8.5 12.7

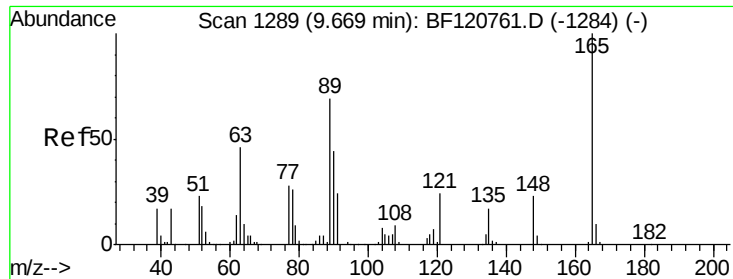


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 2.697 ng

RT: 9.60 min Scan# 1277

Delta R.T. -0.07 min

Lab File: BF120846.D

Acq: 10 Jul 2020 22:32

Instrument :

BNA_F

ClientSampleId :

24465

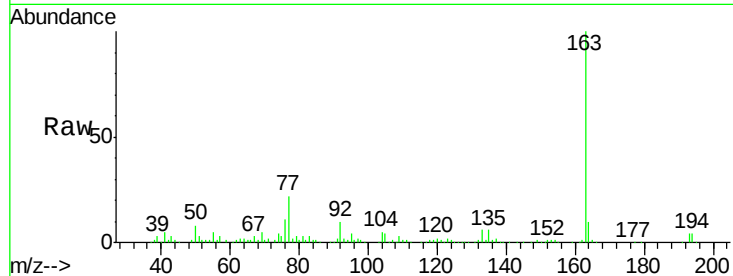
Tot Ion:165 Resp: 2195

Ion Ratio Lower Upper

165 100

63 133.0 54.0 81.0#

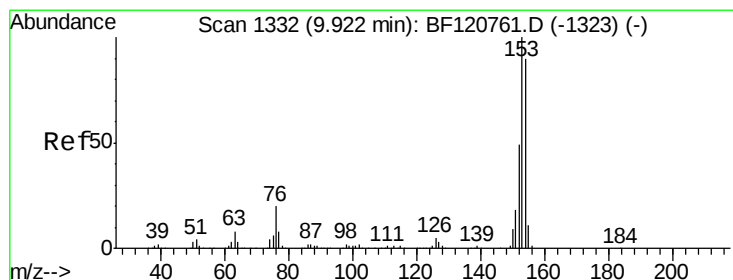
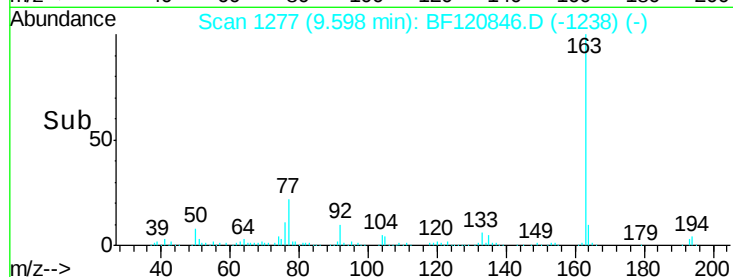
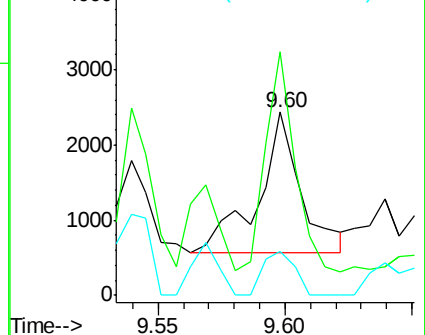
89 24.3 55.4 83.2#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 3.398 ng

RT: 9.92 min Scan# 1331

Delta R.T. -0.01 min

Lab File: BF120846.D

Acq: 10 Jul 2020 22:32

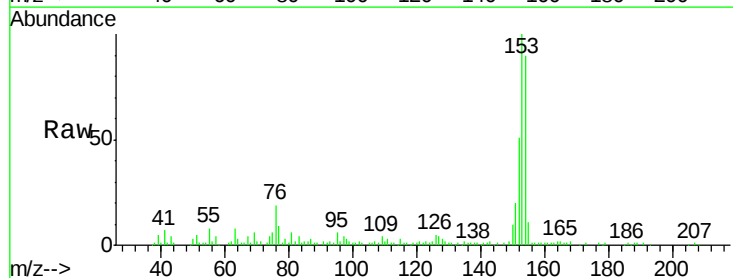
Tgt Ion:154 Resp: 73500

Ion Ratio Lower Upper

154 100

153 111.1 88.6 132.8

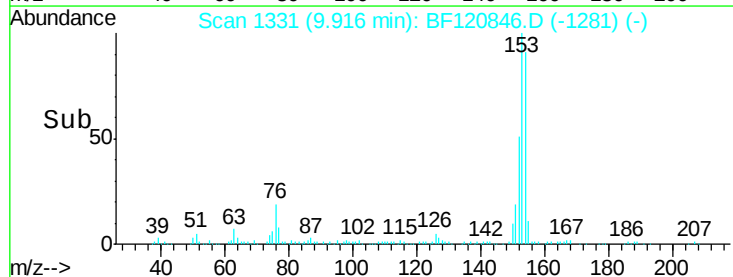
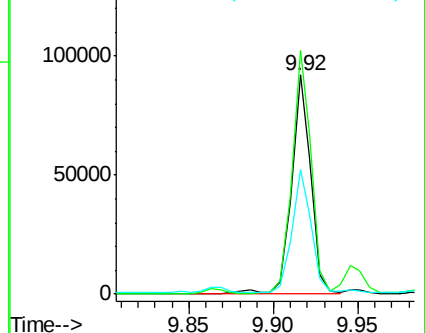
152 56.8 43.6 65.4

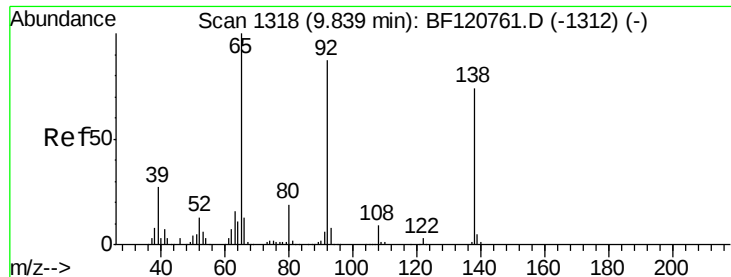


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

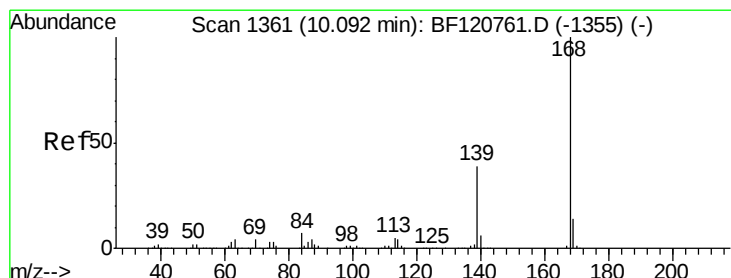
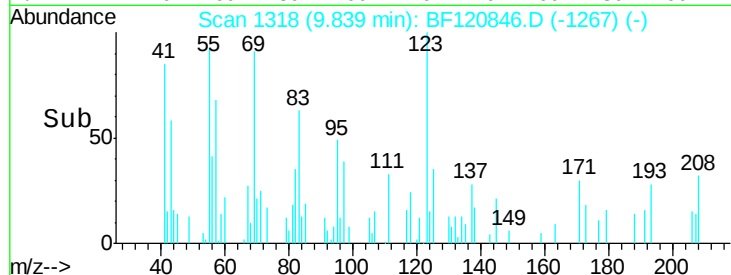
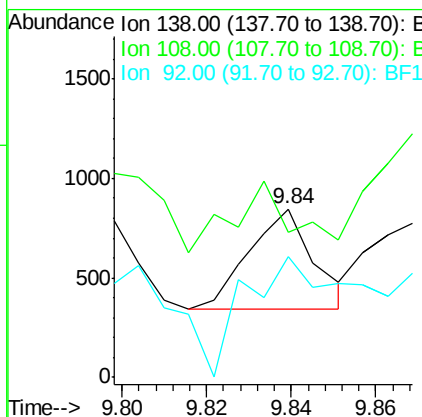
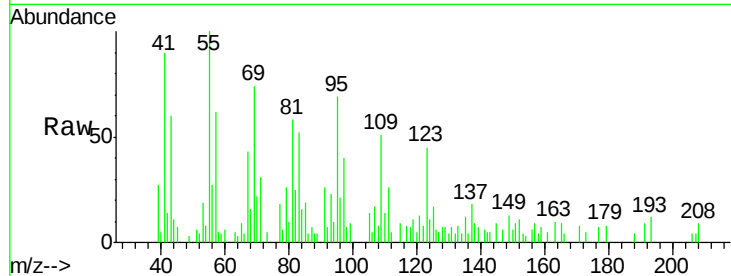




#53
3-Nitroaniline
Concen: 2.246 ng
RT: 9.84 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BF120846.D
Acq: 10 Jul 2020 22:32

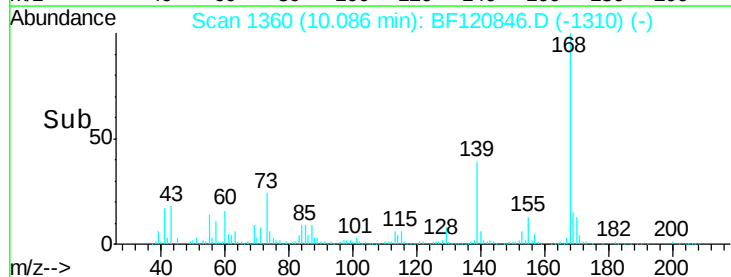
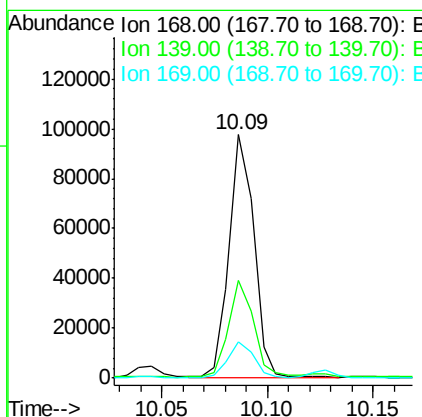
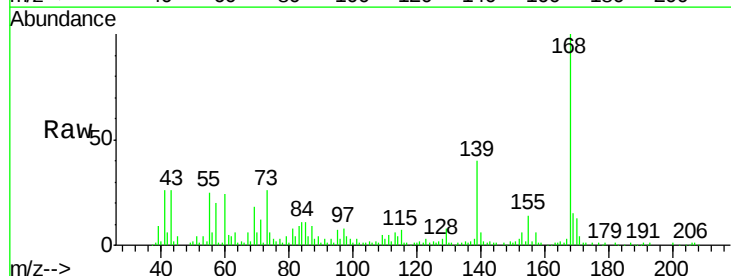
Instrument :
BNA_F
ClientSampleId :
24465

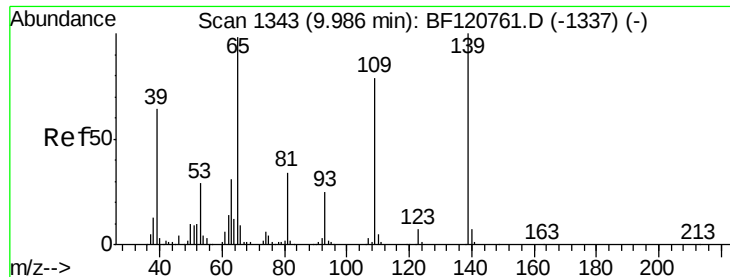
Tot Ion:138 Resp: 531
Ion Ratio Lower Upper
138 100
108 86.2 9.8 14.6#
92 72.1 93.4 140.2#



#55
Dibenzofuran
Concen: 2.536 ng
RT: 10.09 min Scan# 1360
Delta R.T. -0.01 min
Lab File: BF120846.D
Acq: 10 Jul 2020 22:32

Tgt Ion:168 Resp: 79051
Ion Ratio Lower Upper
168 100
139 40.0 31.3 46.9
169 14.9 11.2 16.8

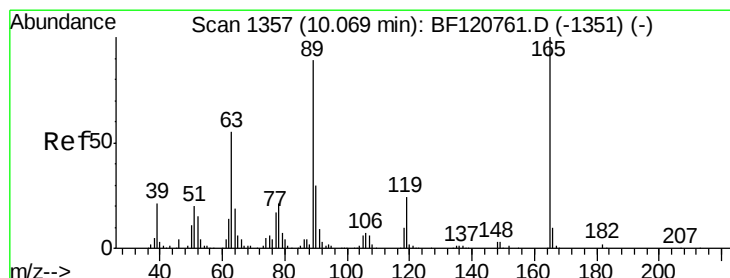
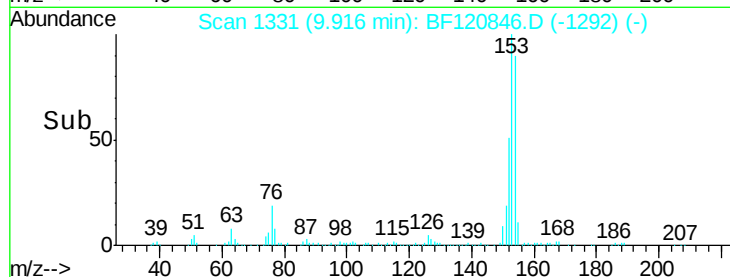
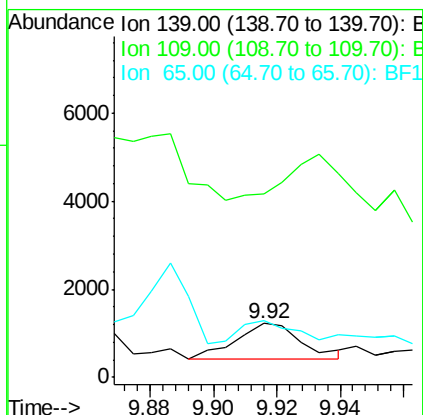
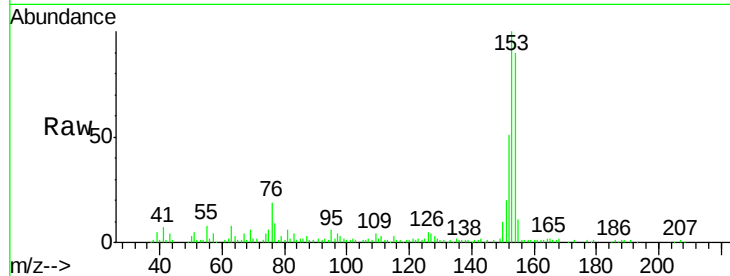




#56
4-Nitrophenol
Concen: 2.344 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.07 min
Lab File: BF120846.D
Acq: 10 Jul 2020 22:32

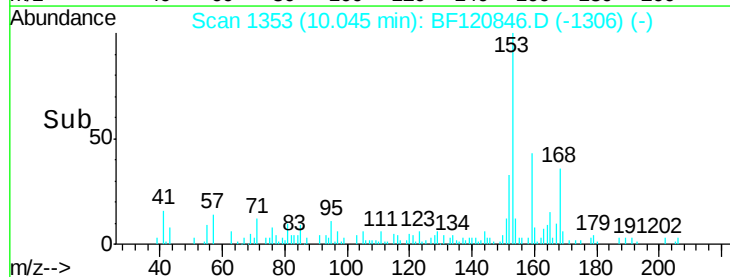
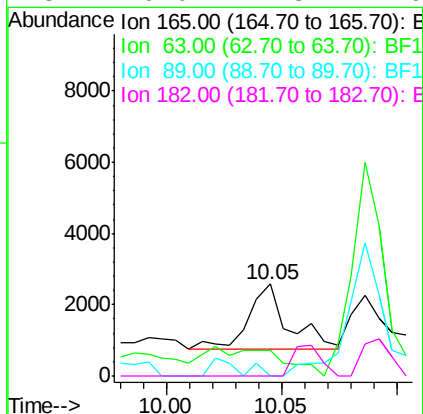
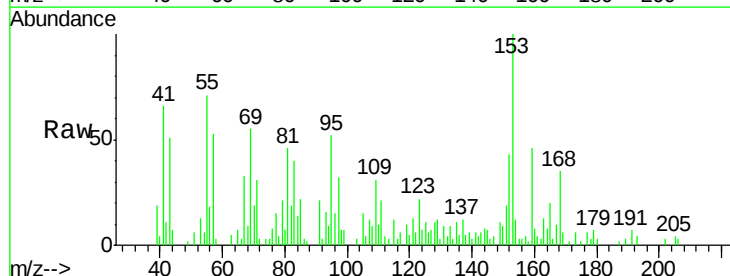
Instrument :
BNA_F
ClientSampleId :
24465

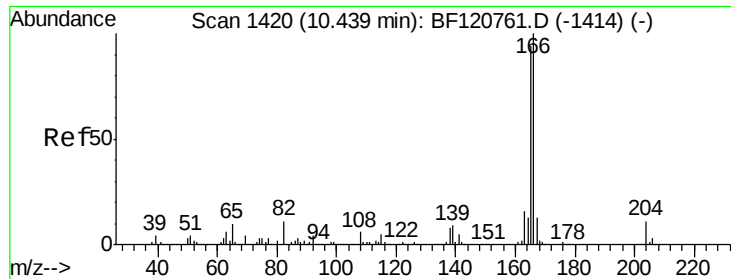
Tot Ion:139 Resp: 1197
Ion Ratio Lower Upper
139 100
109 340.9 58.6 98.6#
65 104.2 78.7 118.7



#57
2,4-Dinitrotoluene
Concen: 3.413 ng
RT: 10.05 min Scan# 1353
Delta R.T. -0.02 min
Lab File: BF120846.D
Acq: 10 Jul 2020 22:32

Tgt Ion:165 Resp: 2247
Ion Ratio Lower Upper
165 100
63 27.3 43.8 65.8#
89 0.0 71.4 107.2#
182 0.0 1.8 2.6#





#58

Fluorene

Concen: 4.412 ng

RT: 10.43 min Scan# 1419

Delta R.T. -0.01 min

Lab File: BF120846.D

Acq: 10 Jul 2020 22:32

Instrument :

BNA_F

ClientSampleId :

24465

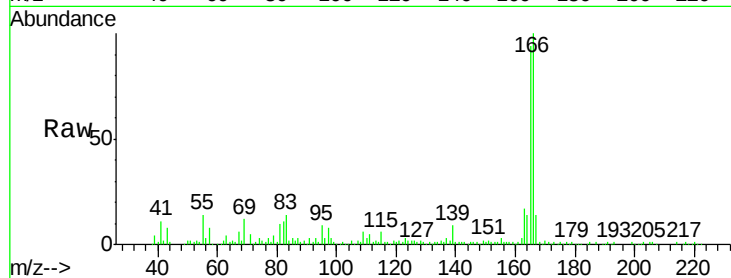
Tot Ion:166 Resp: 102375

Ion Ratio Lower Upper

166 100

165 94.2 75.5 113.3

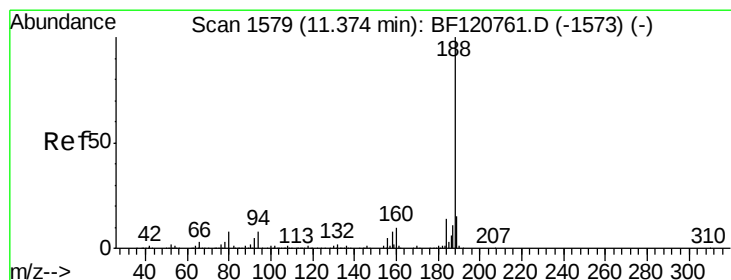
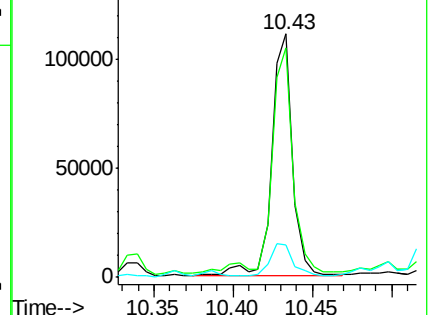
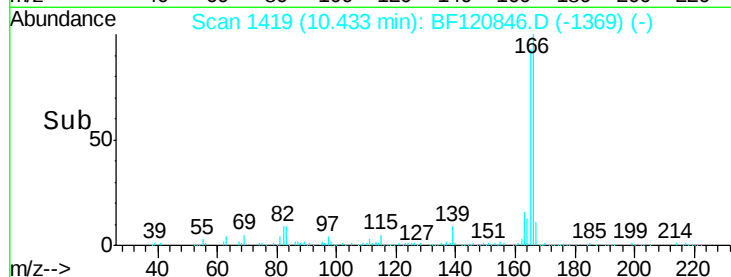
167 13.5 10.6 16.0



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: 11.37 min Scan# 1579

Delta R.T. 0.00 min

Lab File: BF120846.D

Acq: 10 Jul 2020 22:32

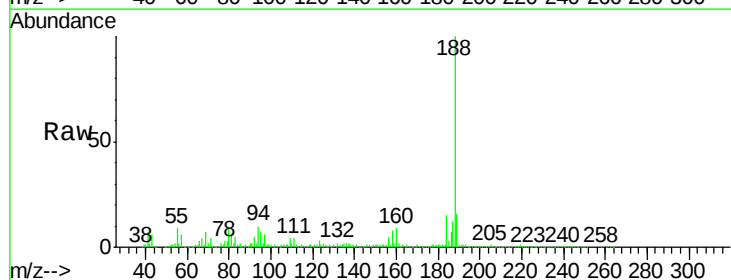
Tgt Ion:188 Resp: 543865

Ion Ratio Lower Upper

188 100

94 9.7 6.6 9.8

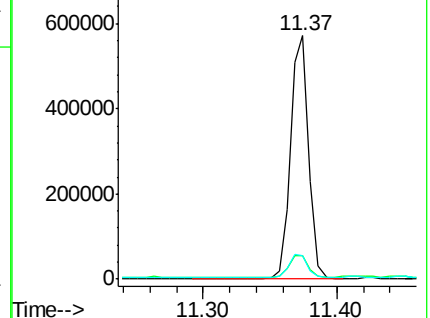
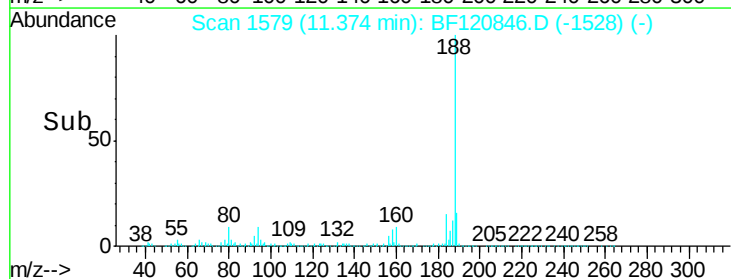
80 9.7 6.6 10.0

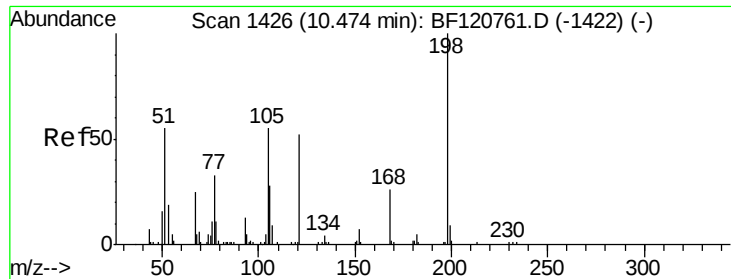


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

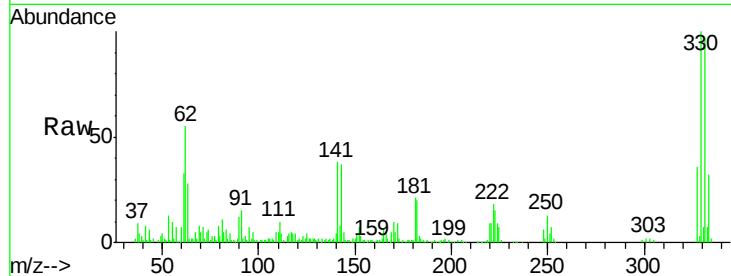




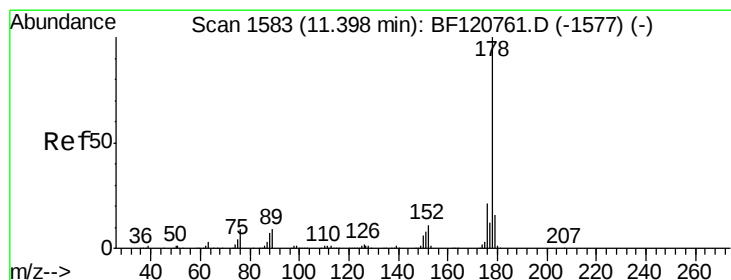
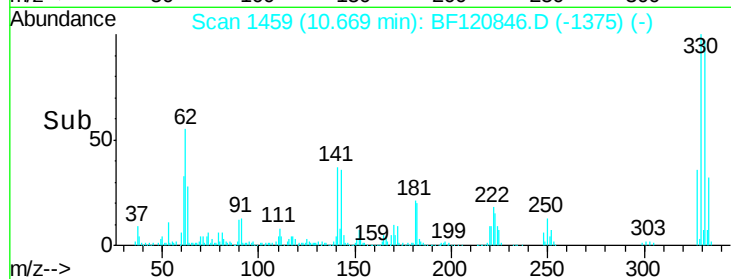
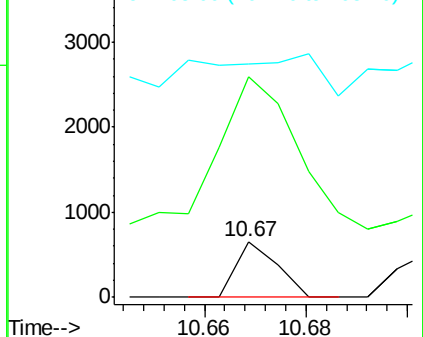
#65
4,6-Dinitro-2-methylphenol
Concen: 7.144 ng
RT: 10.67 min Scan# 1459
Delta R.T. 0.19 min
Lab File: BF120846.D
Acq: 10 Jul 2020 22:32

Instrument :
BNA_F
ClientSampleId :
24465

Tot Ion:198 Resp: 365
Ion Ratio Lower Upper
198 100
51 396.3 50.0 90.0#
105 420.3 38.3 78.3#

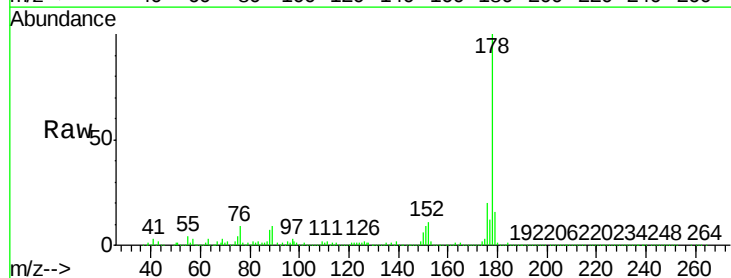


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

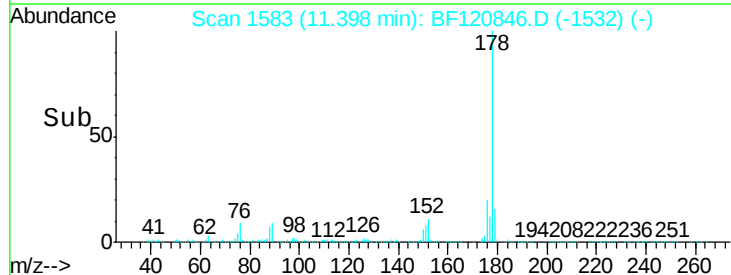
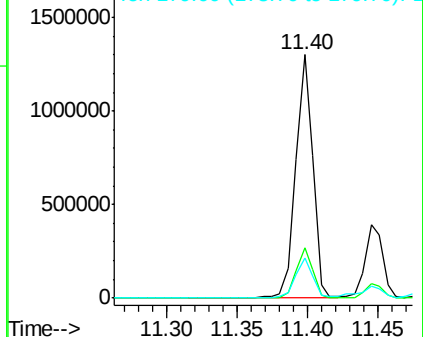


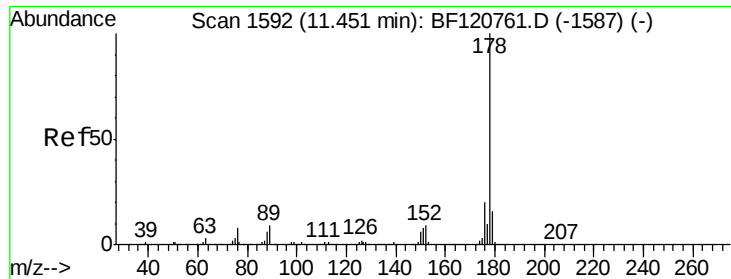
#71
Phenanthrene
Concen: 36.814 ng
RT: 11.40 min Scan# 1583
Delta R.T. 0.00 min
Lab File: BF120846.D
Acq: 10 Jul 2020 22:32

Tgt Ion:178 Resp: 1086349
Ion Ratio Lower Upper
178 100
176 20.5 16.4 24.6
179 16.2 12.9 19.3



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: 11.277 ng

RT: 11.45 min Scan# 1591

Delta R.T. -0.01 min

Lab File: BF120846.D

Acq: 10 Jul 2020 22:32

Instrument :

BNA_F

ClientSampleId :

24465

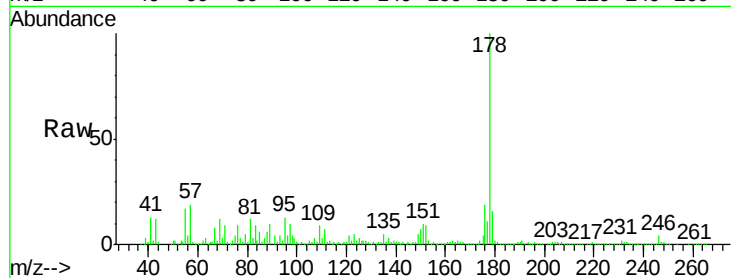
Tot Ion:178 Resp: 336275

Ion Ratio Lower Upper

178 100

176 19.2 16.2 24.2

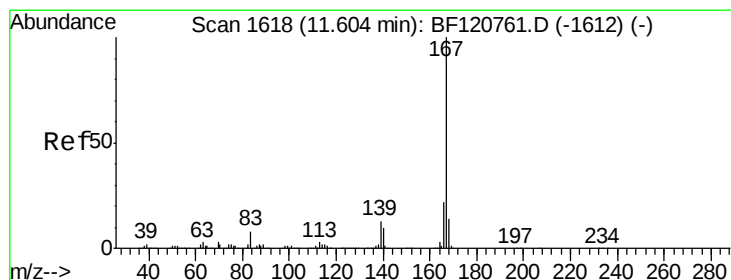
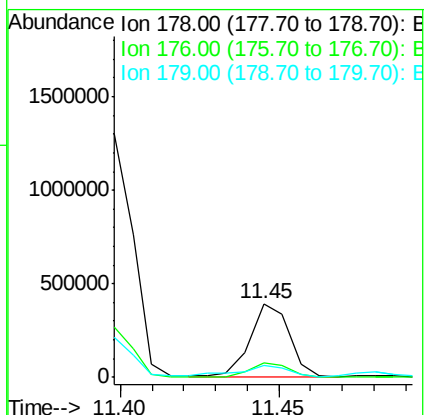
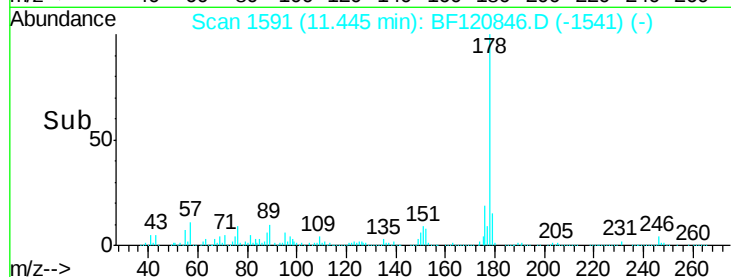
179 15.9 12.7 19.1



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



#73

Carbazole

Concen: 3.338 ng

RT: 11.60 min Scan# 1617

Delta R.T. -0.01 min

Lab File: BF120846.D

Acq: 10 Jul 2020 22:32

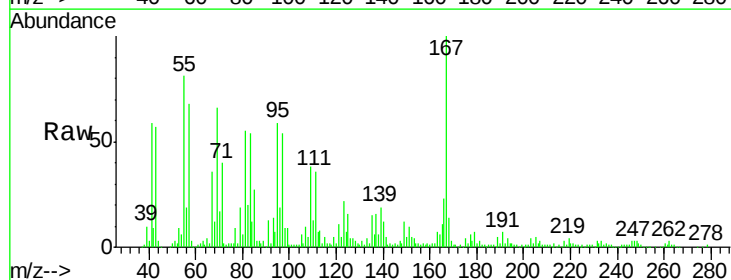
Tgt Ion:167 Resp: 95655

Ion Ratio Lower Upper

167 100

166 23.5 17.8 26.8

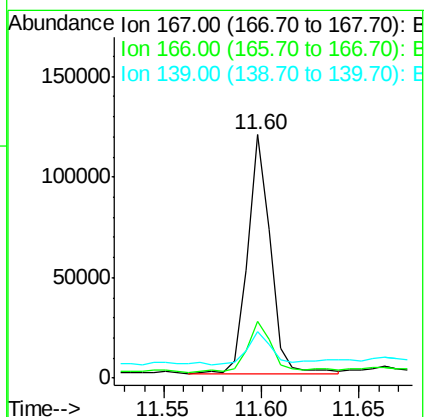
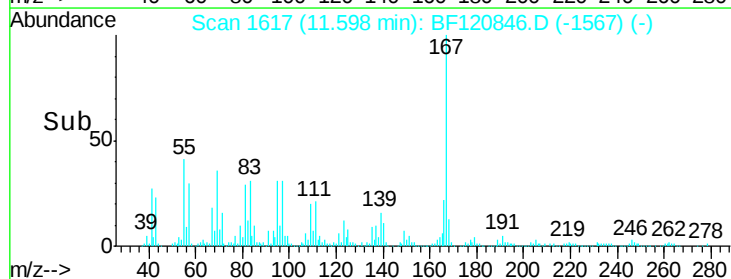
139 19.1 10.7 16.1#

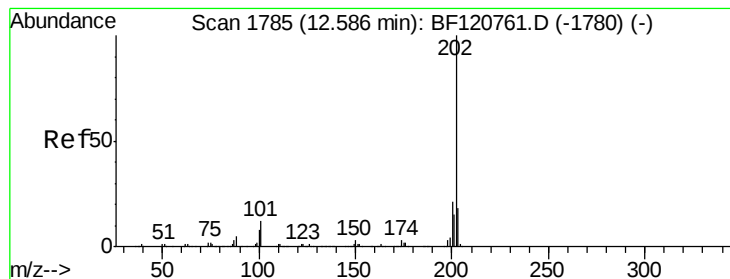


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#75

Fluoranthene

Concen: 15.763 ng

RT: 12.61 min Scan# 1789

Delta R.T. 0.02 min

Lab File: BF120846.D

Acq: 10 Jul 2020 22:32

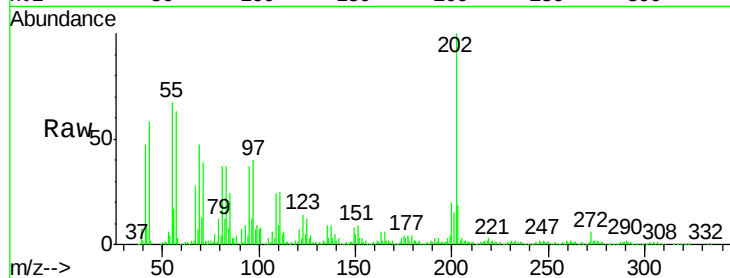
Instrument :

BNA_F

ClientSampleId :

24465

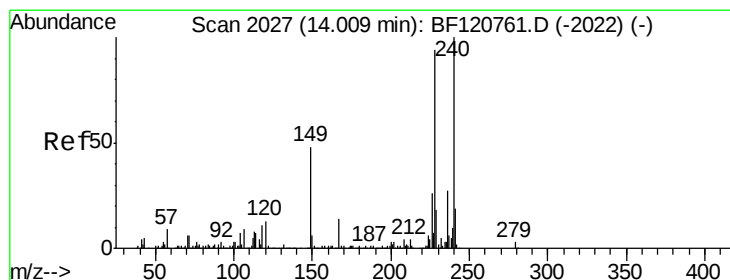
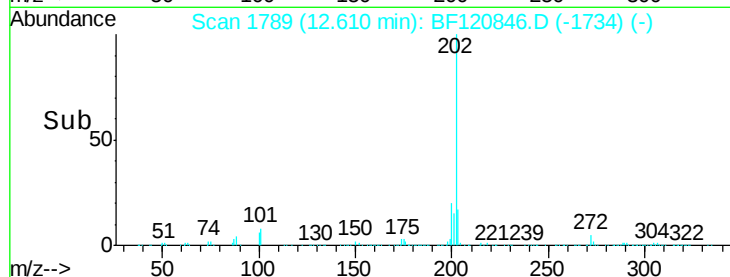
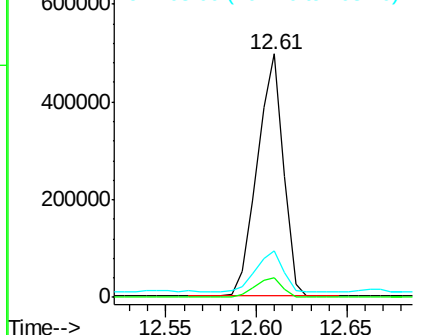
Tot Ion:	202	Resp:	495507
Ion	Ratio	Lower	Upper
202	100		
101	7.9	0.0	31.6
203	19.2	0.0	38.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

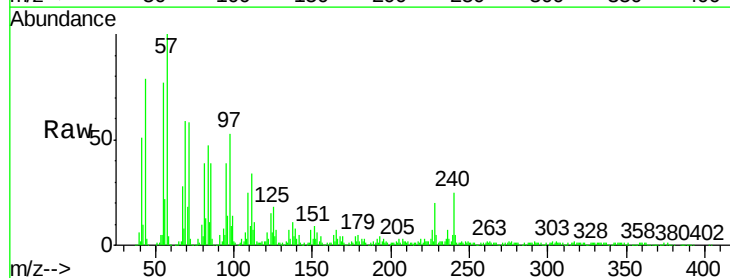
RT: 14.06 min Scan# 2036

Delta R.T. 0.05 min

Lab File: BF120846.D

Acq: 10 Jul 2020 22:32

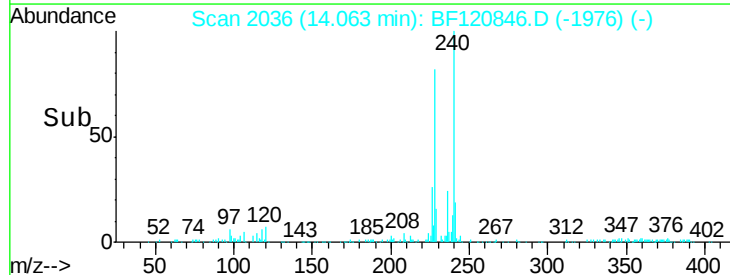
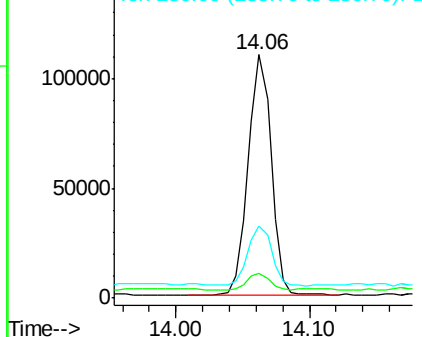
Tgt Ion:	240	Resp:	130838
Ion	Ratio	Lower	Upper
240	100		
120	10.0	10.3	15.5#
236	29.8	21.4	32.2

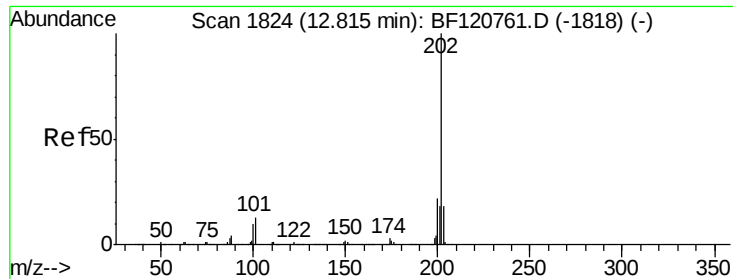


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

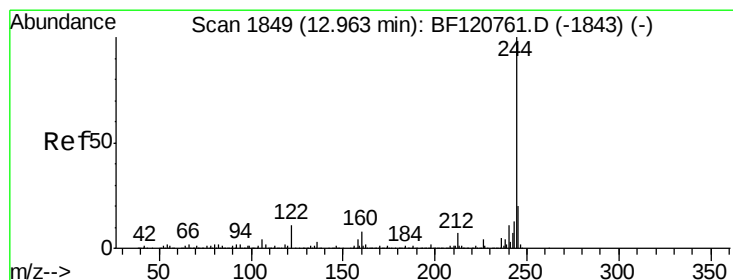
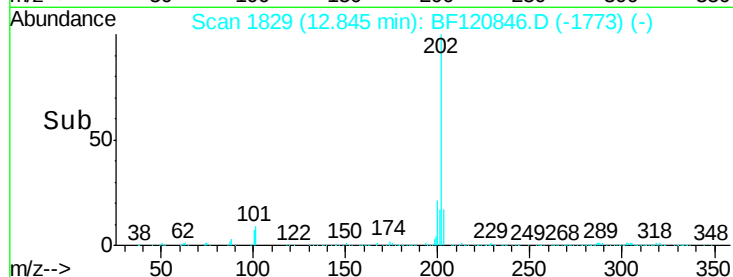
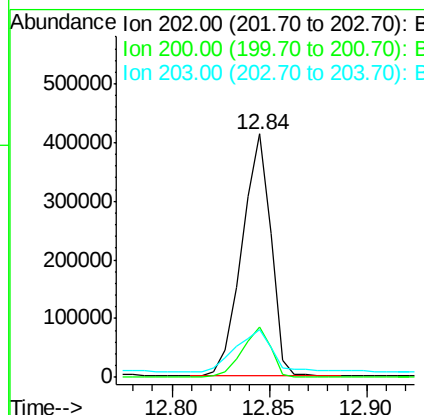
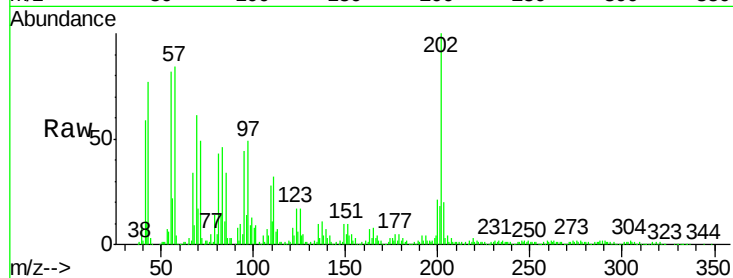




#78
Pvrene
Concen: 40.500 ng
RT: 12.84 min Scan# 1829
Delta R.T. 0.03 min
Lab File: BF120846.D
Acq: 10 Jul 2020 22:32

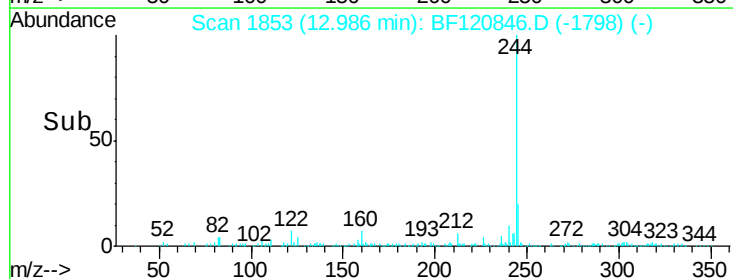
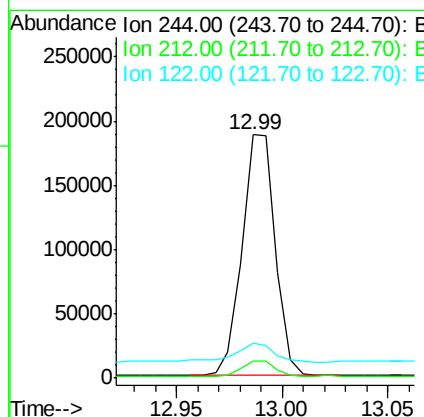
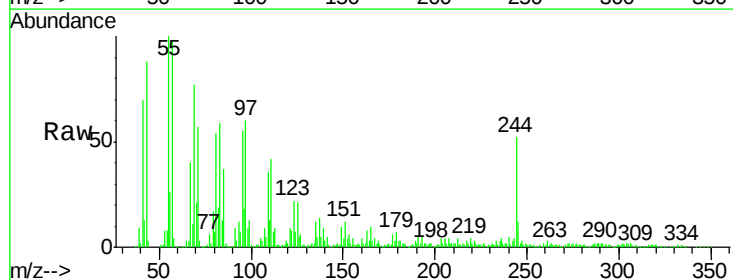
Instrument :
BNA_F
ClientSampled :
24465

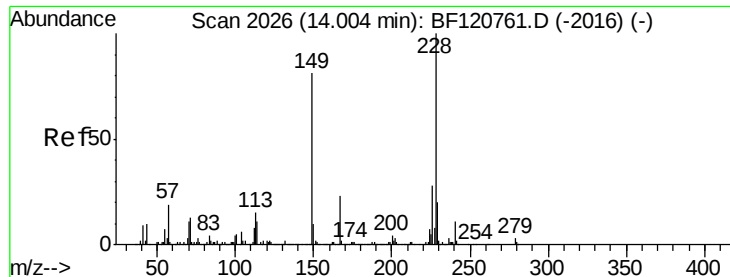
Tot Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.3	25.9
203	19.7	14.6	22.0



#79
Terphenyl-d14
Concen: 30.377 ng
RT: 12.99 min Scan# 1853
Delta R.T. 0.02 min
Lab File: BF120846.D
Acq: 10 Jul 2020 22:32

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.6	8.4
122	14.5	9.0	13.4#





#81

Benzo(a)anthracene

Concen: 27.143 ng

RT: 14.06 min Scan# 2035

Delta R.T. 0.05 min

Lab File: BF120846.D

Acq: 10 Jul 2020 22:32

Instrument :

BNA_F

ClientSampleId :

24465

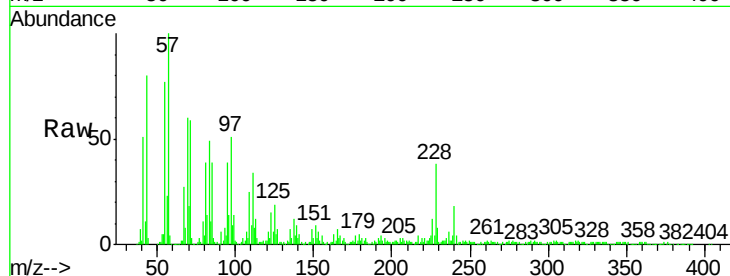
Tot Ion:228 Resp: 227643

Ion Ratio Lower Upper

228 100

226 31.3 22.6 33.8

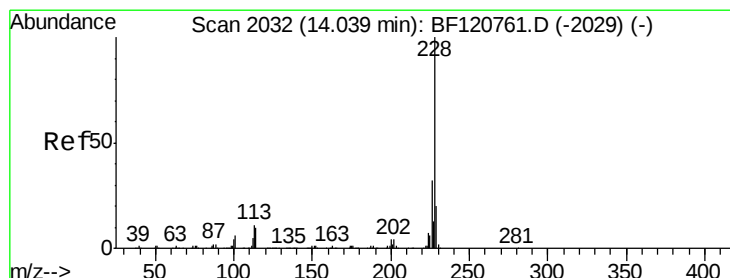
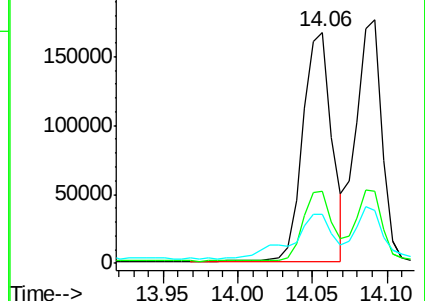
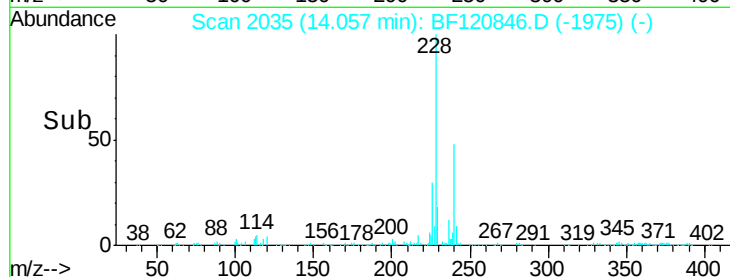
229 21.3 15.8 23.6



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: 24.686 ng

RT: 14.09 min Scan# 2041

Delta R.T. 0.05 min

Lab File: BF120846.D

Acq: 10 Jul 2020 22:32

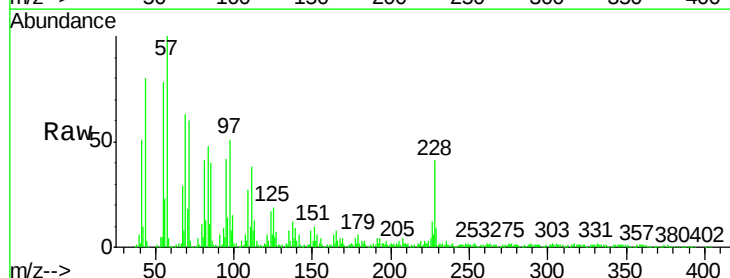
Tgt Ion:228 Resp: 211185

Ion Ratio Lower Upper

228 100

226 29.8 25.7 38.5

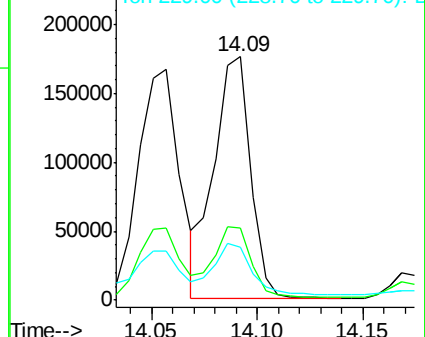
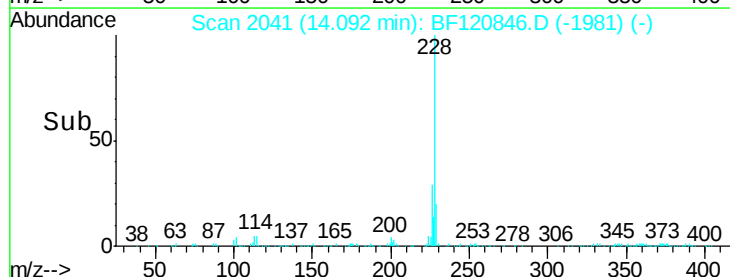
229 22.0 16.3 24.5

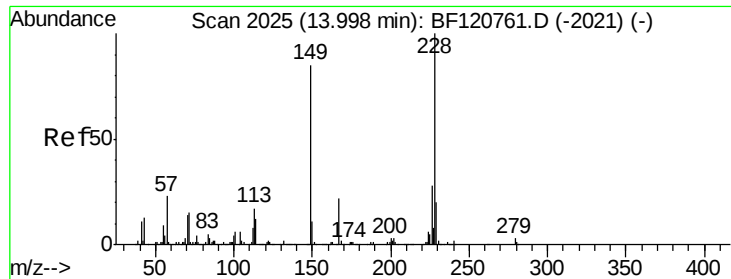


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 10.485 ng

RT: 14.04 min Scan# 2032

Delta R.T. 0.04 min

Lab File: BF120846.D

Acq: 10 Jul 2020 22:32

Instrument :

BNA_F

ClientSampleId :

24465

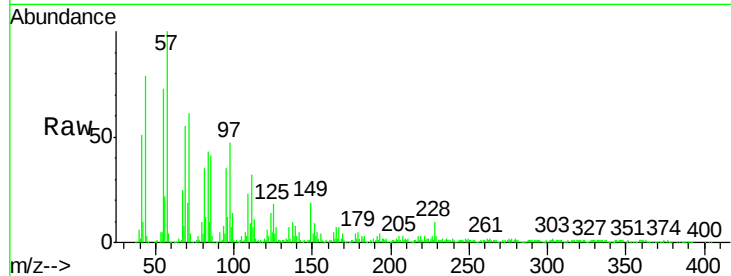
Tot Ion:149 Resp: 62027

Ion Ratio Lower Upper

149 100

167 39.3 20.9 31.3#

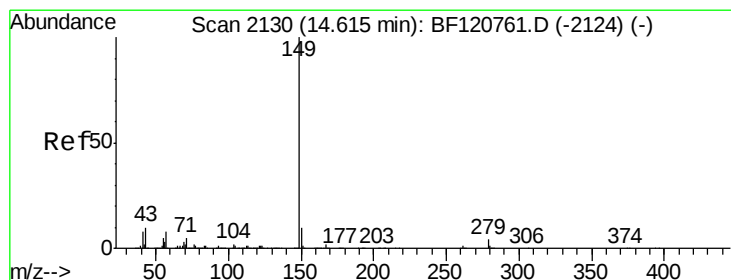
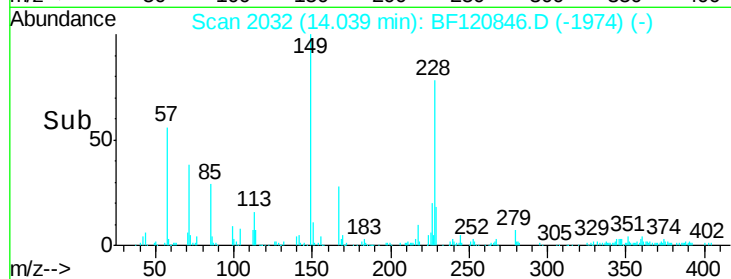
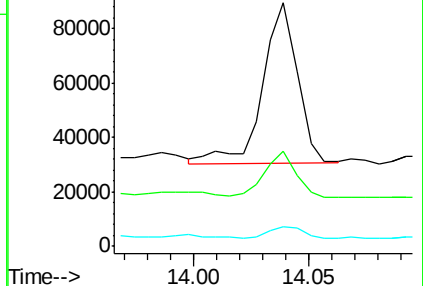
279 8.1 2.6 4.0#



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



#85

Di-n-octyl phthalate

Concen: 2.365 ng

RT: 14.70 min Scan# 2144

Delta R.T. 0.08 min

Lab File: BF120846.D

Acq: 10 Jul 2020 22:32

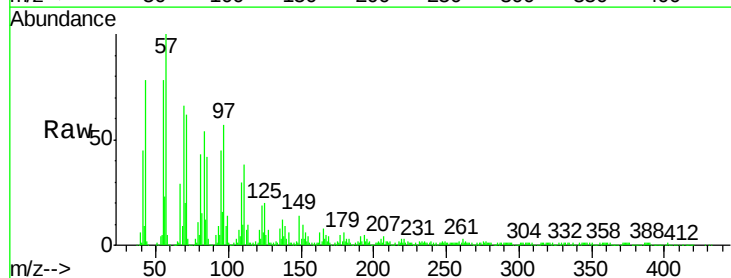
Tgt Ion:149 Resp: 24756

Ion Ratio Lower Upper

149 100

167 19.9 1.2 1.8#

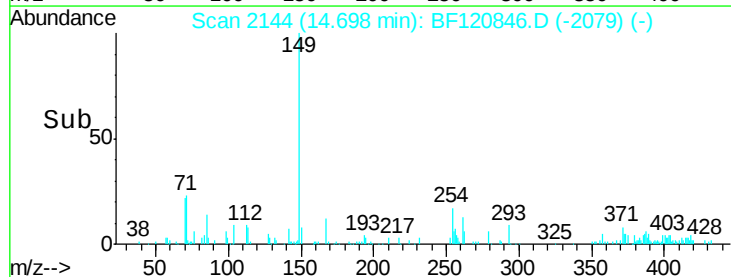
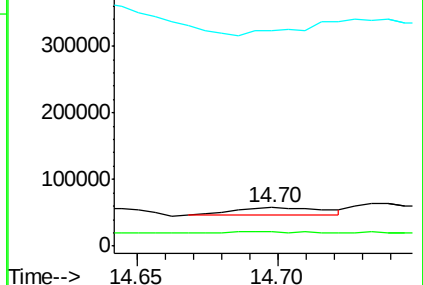
43 0.0 8.7 13.1#

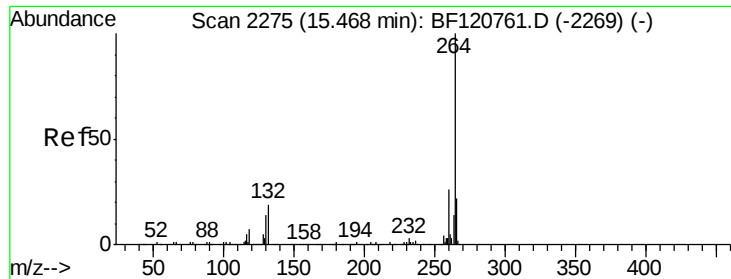


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



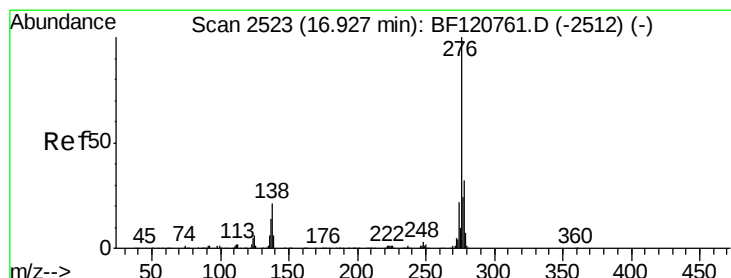
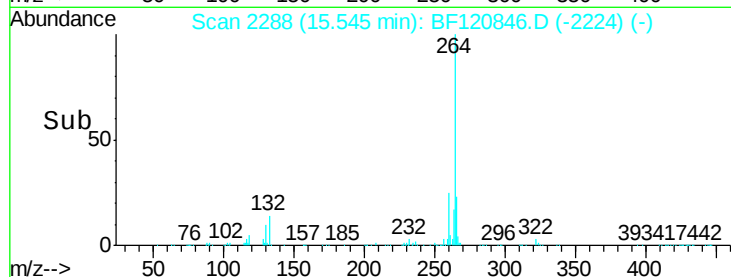
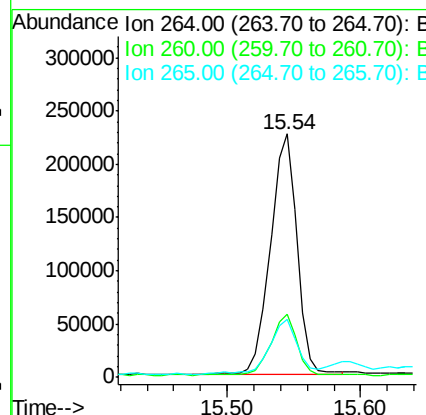
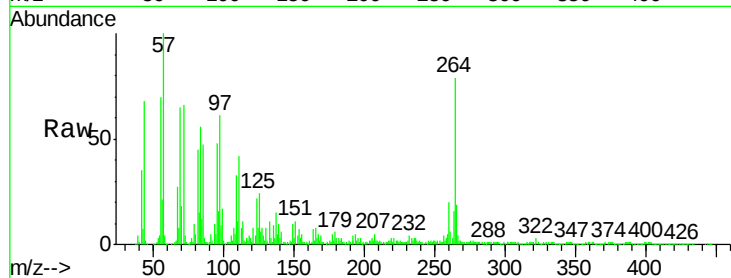


#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2288
Delta R.T. 0.08 min
Lab File: BF120846.D
Acq: 10 Jul 2020 22:32

Instrument :
BNA_F
ClientSampleId :
24465

Tot Ion:264 Resp: 313143

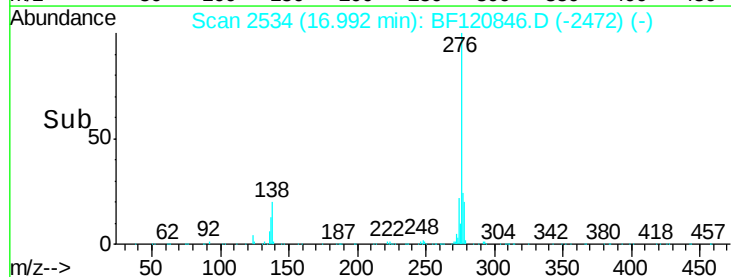
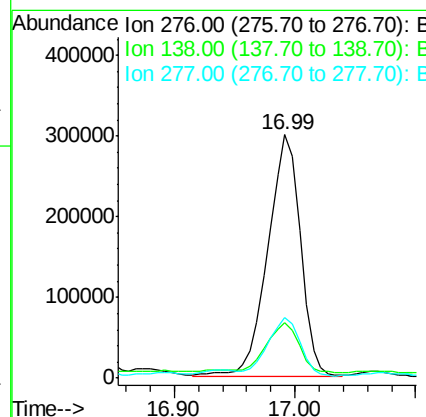
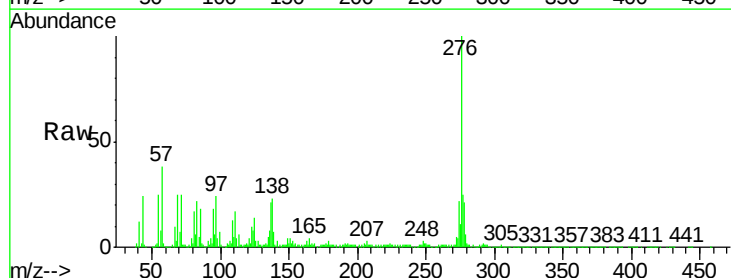
Ion	Ratio	Lower	Upper
264	100		
260	25.7	20.6	30.8
265	23.6	17.6	26.4

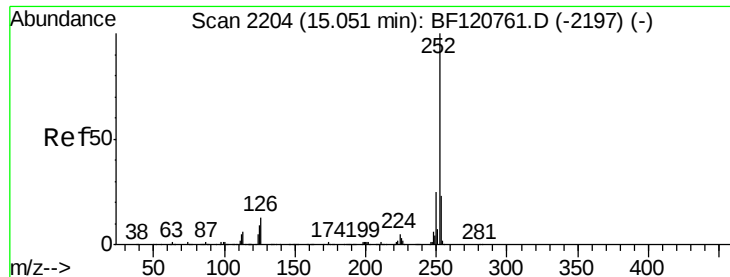


#87
Indeno(1,2,3-cd)pyrene
Concen: 27.984 ng
RT: 16.99 min Scan# 2534
Delta R.T. 0.06 min
Lab File: BF120846.D
Acq: 10 Jul 2020 22:32

Tgt Ion:276 Resp: 562075

Ion	Ratio	Lower	Upper
276	100		
138	21.2	19.8	29.8
277	23.6	19.9	29.9





#88

Benzo(b)fluoranthene

Concen: 31.925 ng

RT: 15.12 min Scan# 2215

Delta R.T. 0.06 min

Lab File: BF120846.D

Acq: 10 Jul 2020 22:32

Instrument :

BNA_F

ClientSampleId :

24465

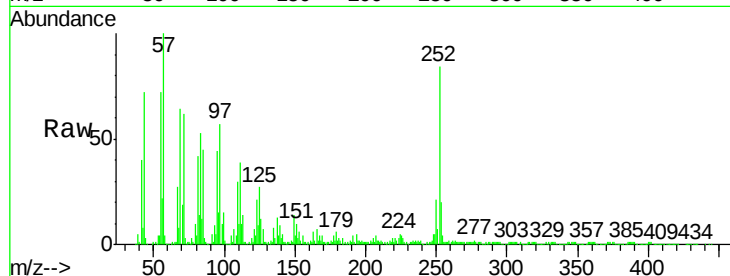
Tot Ion:252 Resp: 657235

Ion Ratio Lower Upper

252 100

253 23.6 18.0 27.0

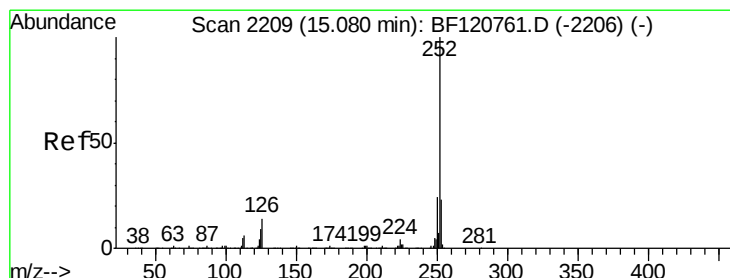
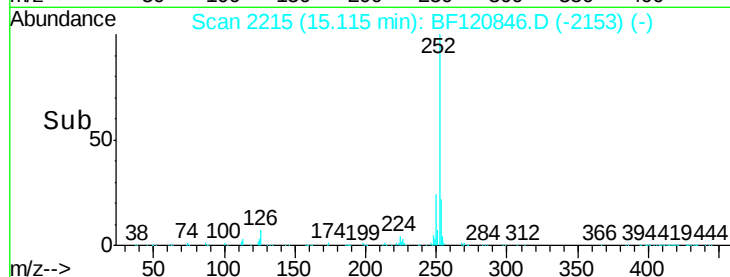
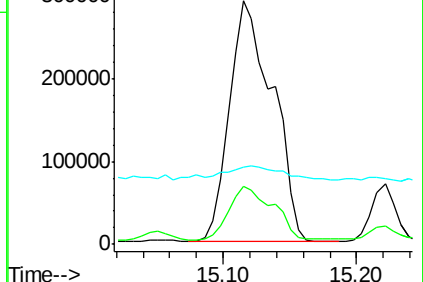
125 31.8 7.5 11.3#



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: 32.809 ng

RT: 15.12 min Scan# 2215

Delta R.T. 0.04 min

Lab File: BF120846.D

Acq: 10 Jul 2020 22:32

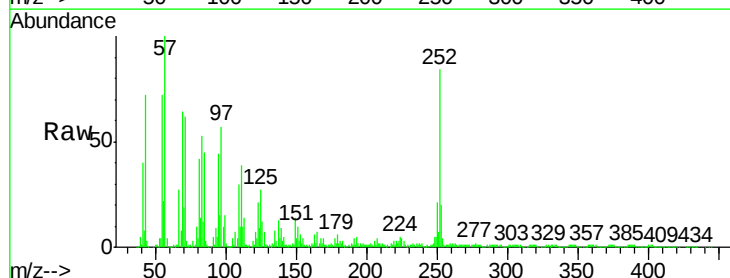
Tgt Ion:252 Resp: 657235

Ion Ratio Lower Upper

252 100

253 23.6 17.9 26.9

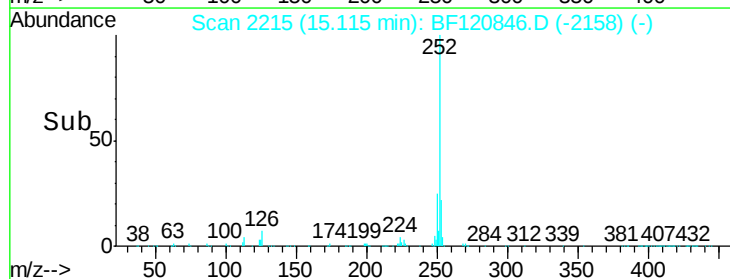
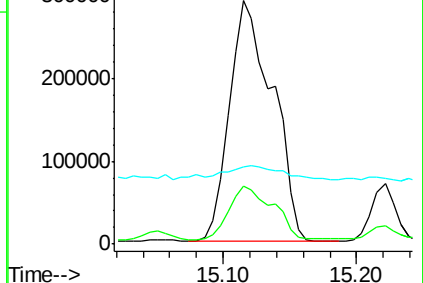
125 31.8 7.6 11.4#

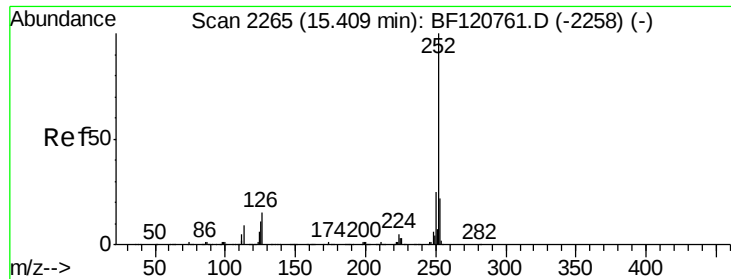


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

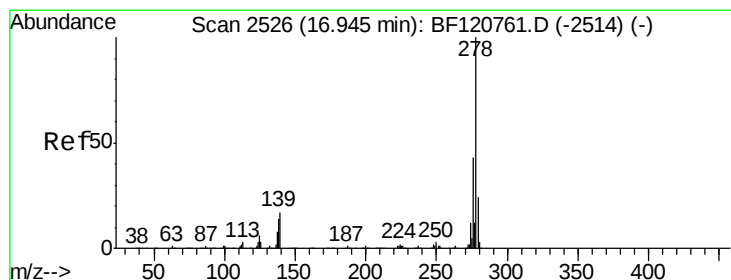
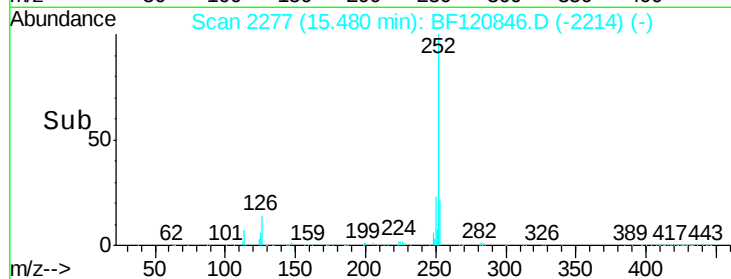
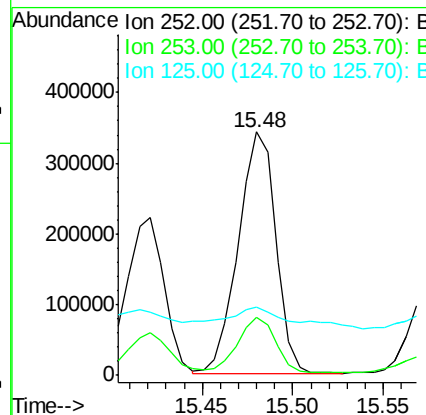
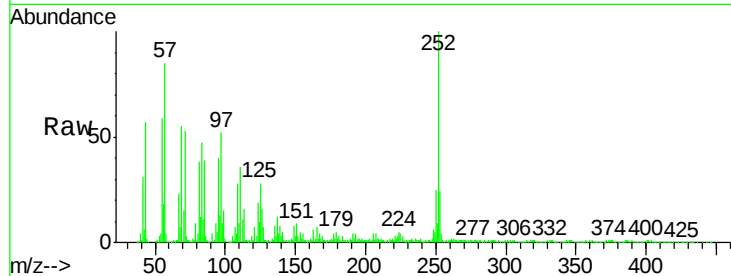




#90
Benzo(a)pyrene
Concen: 26.630 ng
RT: 15.48 min Scan# 2277
Delta R.T. 0.07 min
Lab File: BF120846.D
Acq: 10 Jul 2020 22:32

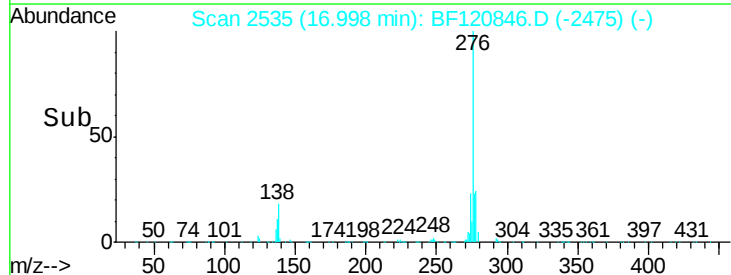
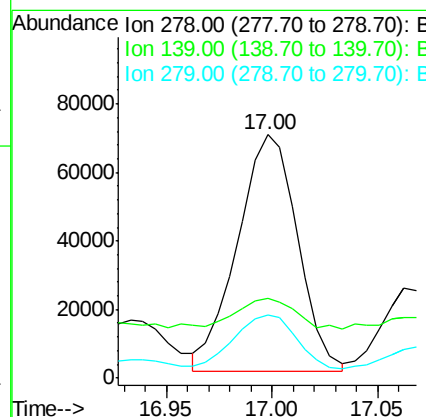
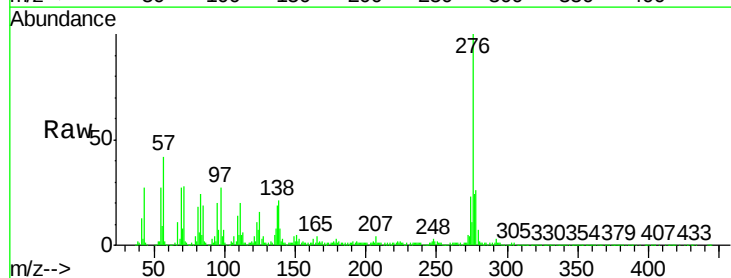
Instrument :
BNA_F
ClientSampleId :
24465

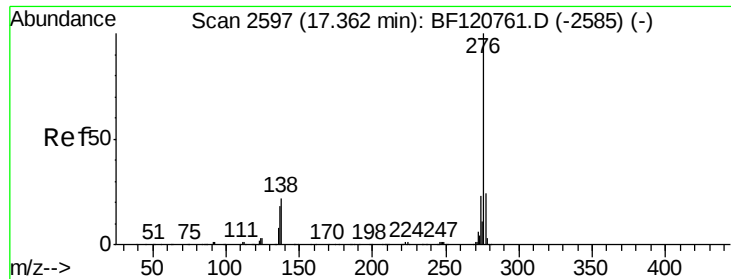
Tot Ion:252 Resp: 489044
Ion Ratio Lower Upper
252 100
253 23.7 17.4 26.0
125 28.1 9.2 13.8#



#91
Dibenzo(a,h)anthracene
Concen: 8.146 ng
RT: 17.00 min Scan# 2535
Delta R.T. 0.05 min
Lab File: BF120846.D
Acq: 10 Jul 2020 22:32

Tgt Ion:278 Resp: 136372
Ion Ratio Lower Upper
278 100
139 32.8 13.3 19.9#
279 26.1 19.0 28.6

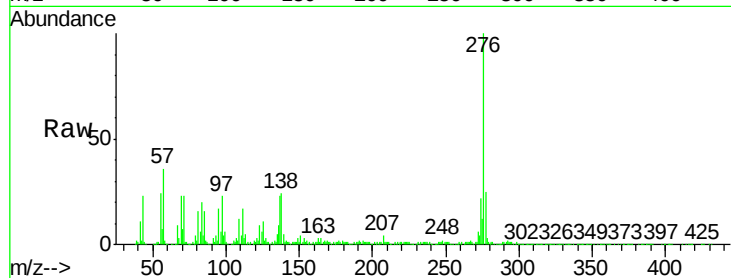




#92
 Benzo(a,h,i)perylene
 Concen: 35.473 ng
 RT: 17.43 min Scan# 2609
 Delta R.T. 0.07 min
 Lab File: BF120846.D
 Acq: 10 Jul 2020 22:32

Instrument :
 BNA_F
 ClientSampleId :
 24465

Tot Ion	Ratio	Lower	Upper
276	100		
277	25.0	18.8	28.2
138	23.7	17.4	26.2



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

