

Data File : BF118453.D
Acq On : 2 Jan 2020 23:30
Operator : JU
Sample : K6465-02DL 25X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GP-11-(5-6)DL

Quant Time: Jan 03 02:14:52 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF122419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 24 15:58:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	73342	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	298816	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	141749	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	245494	20.00	ng	0.00
76) Chrysene-d12	14.04	240	195029	20.00	ng	0.00
87) Perylene-d12	15.53	264	199987	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.48	112	15731	3.66	ng	0.02
7) Phenol-d6	6.50	99	22177	4.16	ng	0.02
23) Nitrobenzene-d5	7.42	82	15282	2.93	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	5373	3.07	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	30134	3.25	ng	-0.01
79) Terphenyl-d14	12.97	244	28675	2.44	ng	-0.01

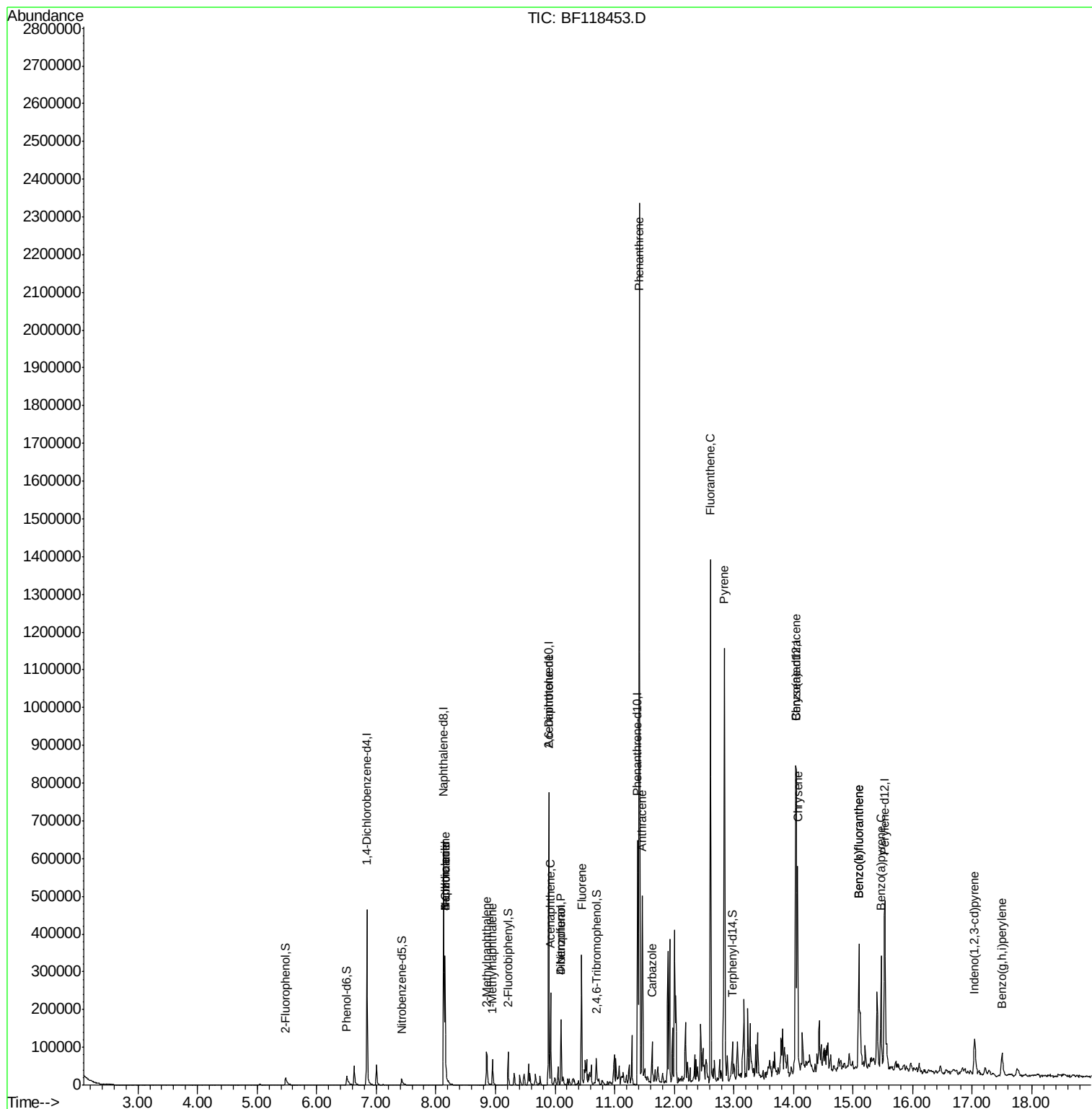
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
31) Naphthalene	8.16	128	172751	11.374	ng	98
32) Benzoic acid	8.15	122	388	5.784	ng	# 1
33) 4-Chloroaniline	8.16	127	21899	3.363	ng	# 39
37) 2-Methylnaphthalene	8.85	142	35189	3.384	ng	97
38) 1-Methylnaphthalene	8.95	142	25929	2.647	ng	98
51) 2,6-Dinitrotoluene	9.89	165	19300	8.413	ng	# 27
52) Acenaphthene	9.93	154	54101	6.637	ng	97
55) Dibenzofuran	10.10	168	71280	5.918	ng	100
56) 4-Nitrophenol	10.10	139	28910	17.393	ng	# 7
58) Fluorene	10.45	166	92603	9.524	ng	99
71) Phenanthrene	11.42	178	792556	59.221	ng	99
72) Anthracene	11.47	178	212032	15.828	ng	96
73) Carbazole	11.63	167	43342	3.646	ng	98
75) Fluoranthene	12.61	202	485316	35.932	ng	99
78) Pyrene	12.84	202	506455	31.800	ng	100
81) Benzo(a)anthracene	14.03	228	227930	16.696	ng	99
83) Chrysene	14.07	228	190764	14.594	ng	98
86) Indeno(1,2,3-cd)pyrene	17.04	276	60500	5.432	ng	94
88) Benzo(b)fluoranthene	15.10	252	231836	17.464	ng	100
89) Benzo(k)fluoranthene	15.10	252	231836	18.188	ng	99
90) Benzo(a)pyrene	15.47	252	140806	12.041	ng	99
92) Benzo(g,h,i)perylene	17.50	276	54243	5.533	ng	97

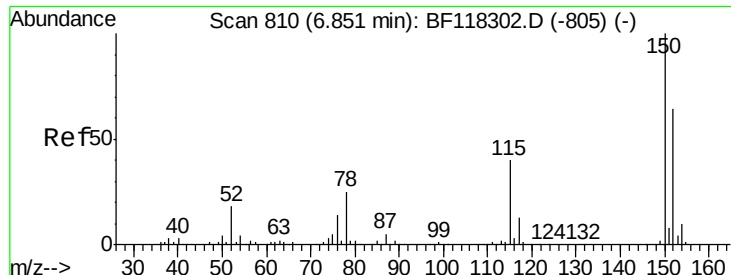
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.85 min Scan# 809

Delta R.T. -0.01 min

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Acq: 2 Jan 2020 23:30

Instrument :

BNA_F

ClientSampleId :

GP-11-(5-6)DL

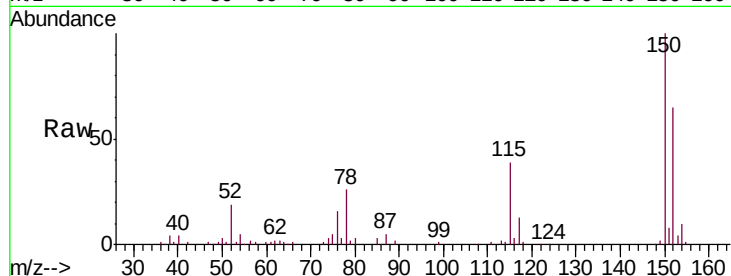
Tgt Ion:152 Resp: 73342

Ion Ratio Lower Upper

152 100

150 153.6 125.4 188.2

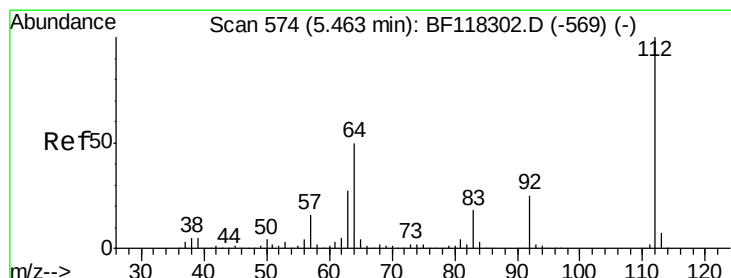
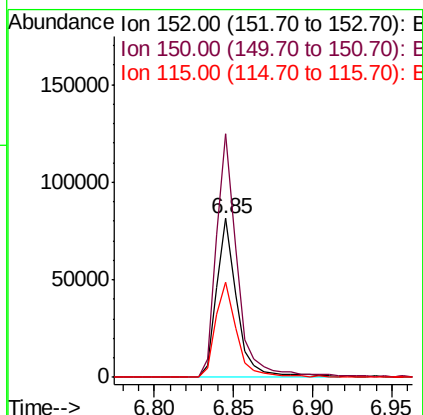
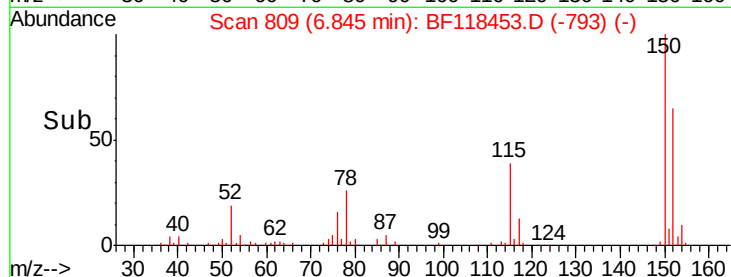
115 60.1 50.2 75.4



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: 3.661 ng

RT: 5.48 min Scan# 577

Delta R.T. 0.02 min

Lab File: BF118453.D

Acq: 2 Jan 2020 23:30

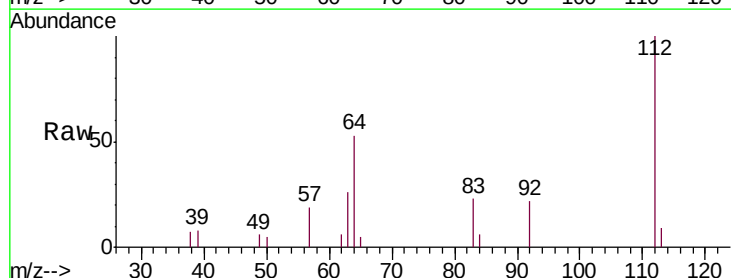
Tgt Ion:112 Resp: 15731

Ion Ratio Lower Upper

112 100

64 53.2 39.7 59.5

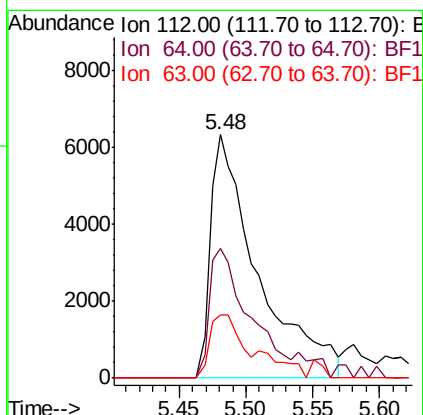
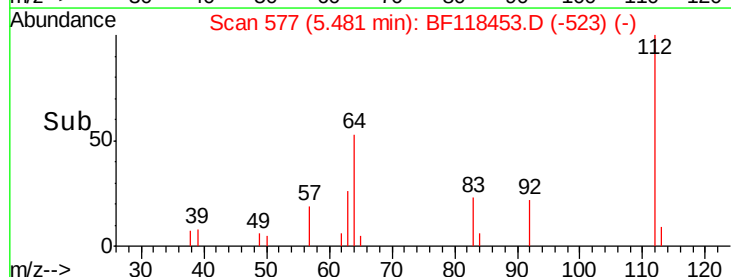
63 26.1 21.7 32.5

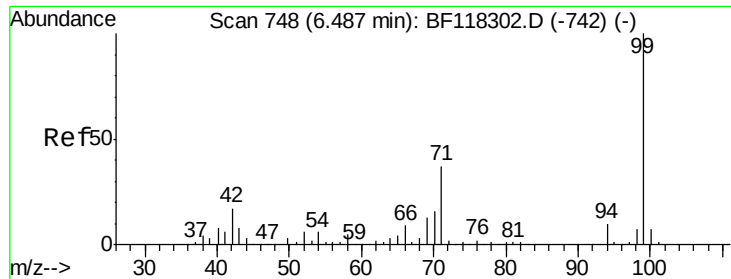


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 4.161 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.02 min

Lab File: BF118453.D

Acq: 2 Jan 2020 23:30

Instrument :

BNA_F

ClientSampleId :

GP-11-(5-6)DL

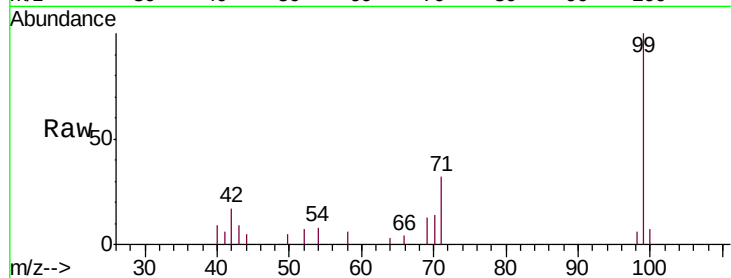
Tgt Ion: 99 Resp: 22177

Ion Ratio Lower Upper

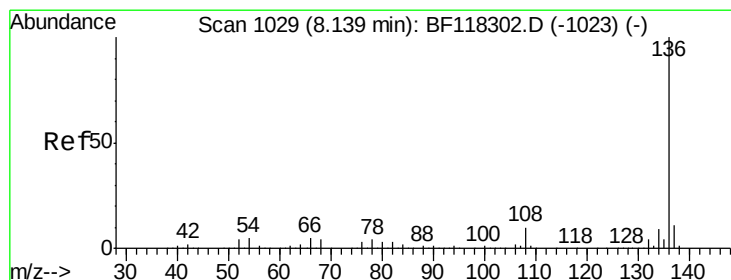
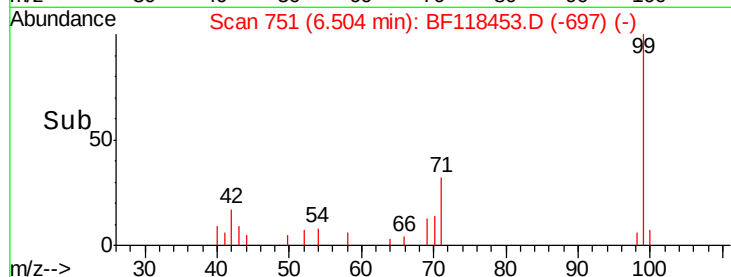
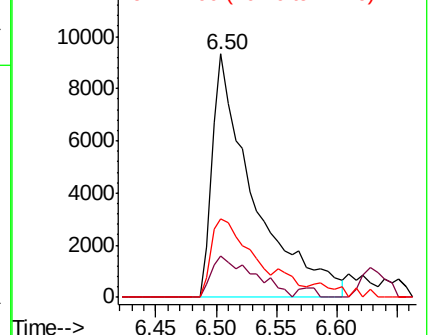
99 100

42 17.0 13.5 20.3

71 32.2 29.4 44.2



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: 8.13 min Scan# 1028

Delta R.T. -0.01 min

Lab File: BF118453.D

Acq: 2 Jan 2020 23:30

Tgt Ion: 136 Resp: 298816

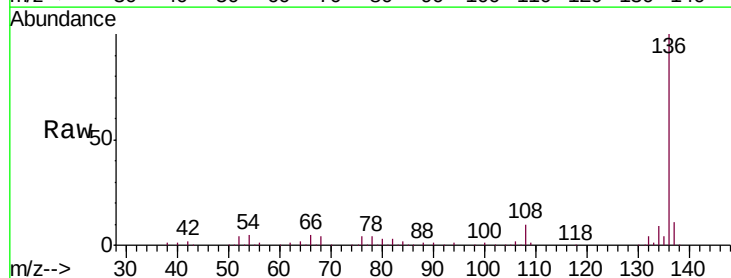
Ion Ratio Lower Upper

136 100

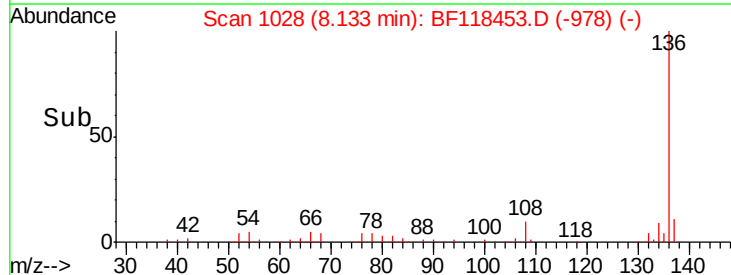
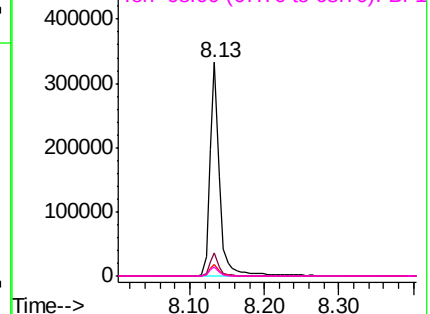
137 11.0 8.9 13.3

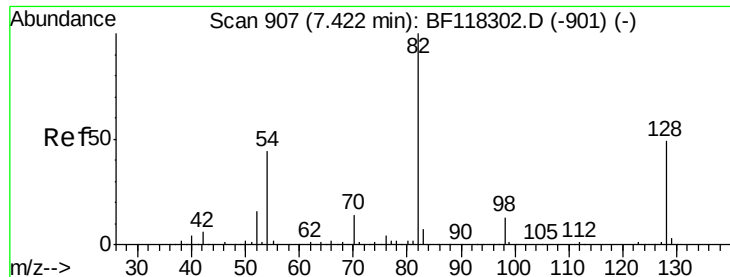
54 5.2 4.2 6.4

68 4.4 3.5 5.3



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

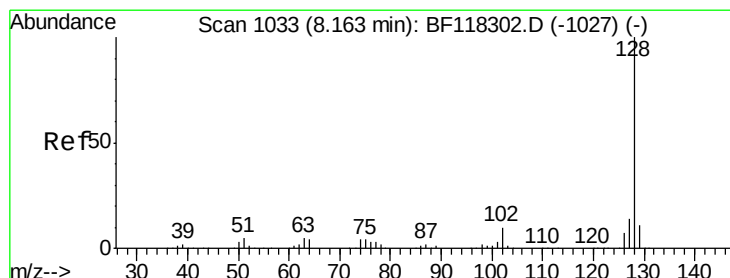
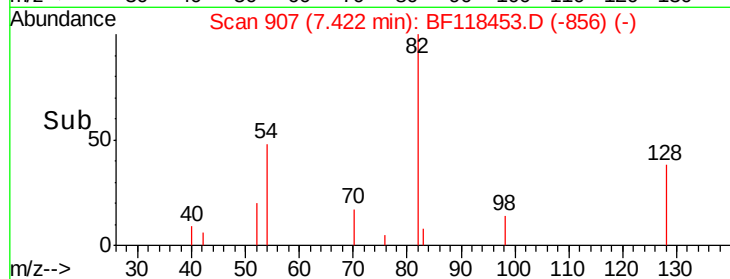
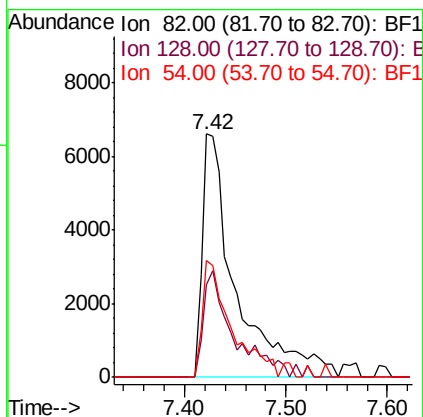
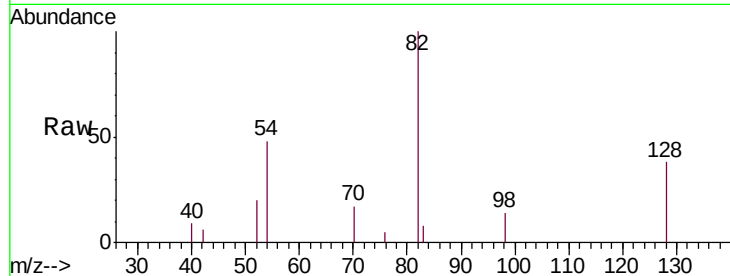




#23
 Nitrobenzene-d5
 Concen: 2.925 ng
 RT: 7.42 min Scan# 907
 Delta R.T. -0.00 min
 Lab File: BF118453.D
 Acq: 2 Jan 2020 23:30

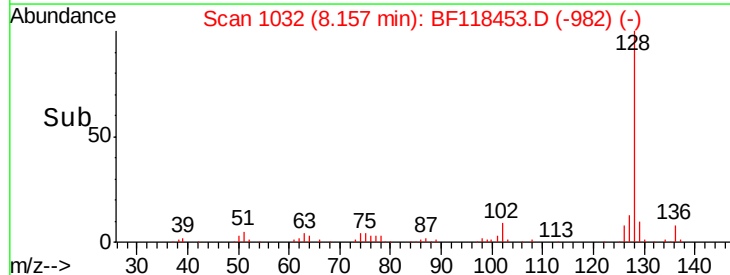
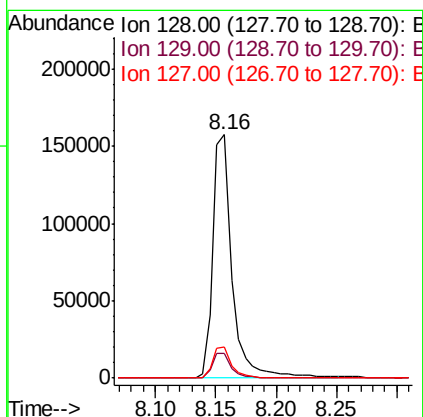
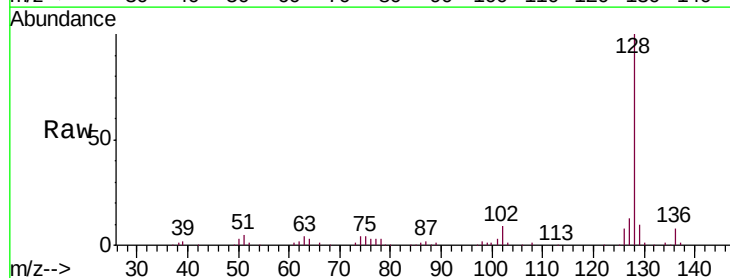
Instrument :
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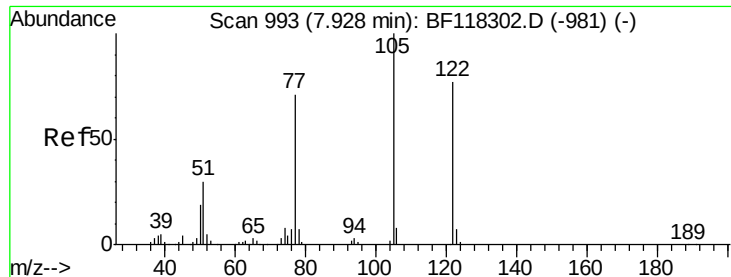
Tgt Ion: 82 Resp: 15282
 Ion Ratio Lower Upper
 82 100
 128 38.0 39.6 59.4#
 54 47.9 34.9 52.3



#31
 Naphthalene
 Concen: 11.374 ng
 RT: 8.16 min Scan# 1032
 Delta R.T. -0.01 min
 Lab File: BF118453.D
 Acq: 2 Jan 2020 23:30

Tgt Ion: 128 Resp: 172751
 Ion Ratio Lower Upper
 128 100
 129 10.0 9.0 13.4
 127 13.0 11.0 16.4





#32

Benzoic acid

Concen: 5.784 ng

RT: 8.15 min Scan# 1031

Delta R.T. 0.22 min

Lab File: BF118453.D

Acq: 2 Jan 2020 23:30

Instrument :

BNA_F

ClientSampleId :

GP-11-(5-6)DL

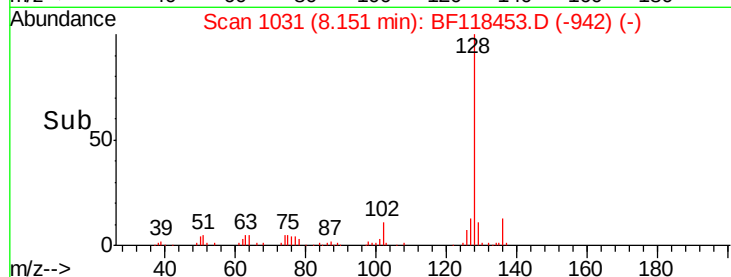
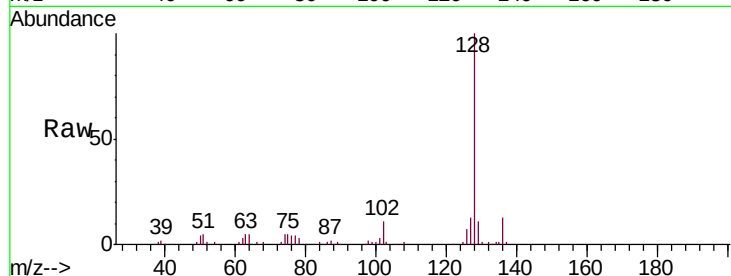
Tgt Ion:122 Resp: 388

Ion Ratio Lower Upper

122 100

105 0.0 106.8 146.8#

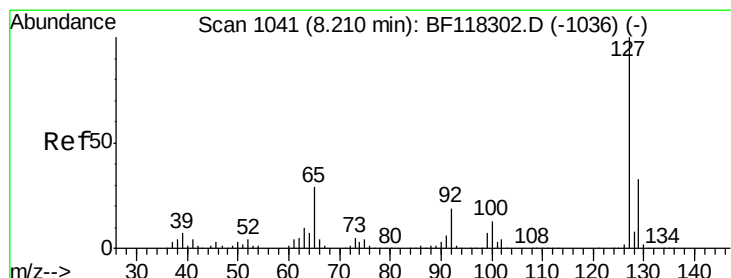
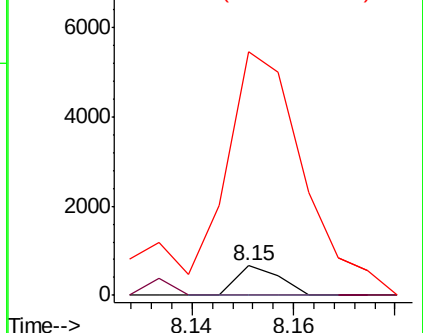
77 821.1 70.4 110.4#



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



#33

4-Chloroaniline

Concen: 3.363 ng

RT: 8.16 min Scan# 1032

Delta R.T. -0.05 min

Lab File: BF118453.D

Acq: 2 Jan 2020 23:30

Tgt Ion:127 Resp: 21899

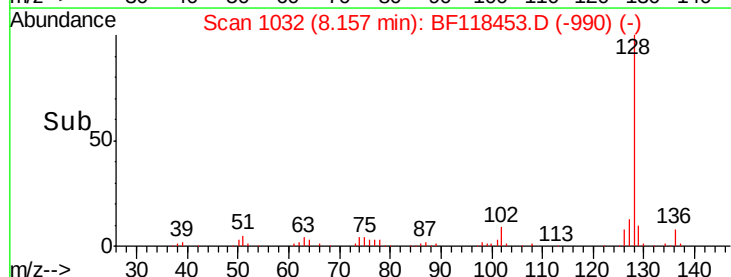
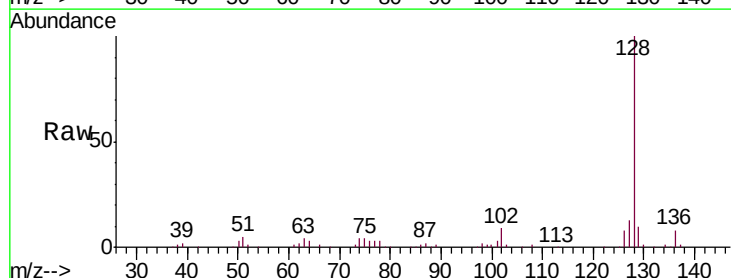
Ion Ratio Lower Upper

127 100

129 76.9 26.5 39.7#

65 0.0 22.8 34.2#

92 0.0 15.5 23.3#

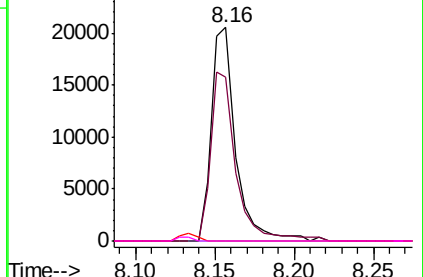


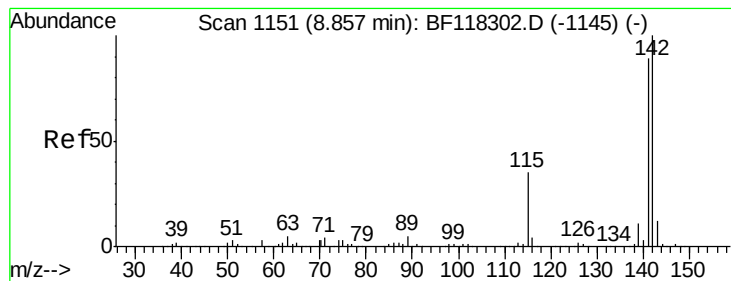
Abundance Ion 127.00 (126.70 to 127.70): E

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: 3.384 ng

RT: 8.85 min Scan# 1150

Delta R.T. -0.01 min

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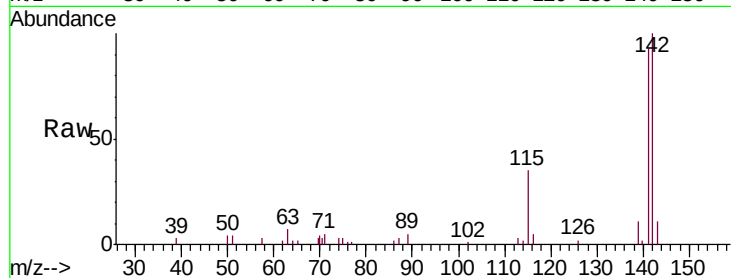
Tgt Ion:142 Resp: 35189

Ion Ratio Lower Upper

142 100

141 93.1 71.2 106.8

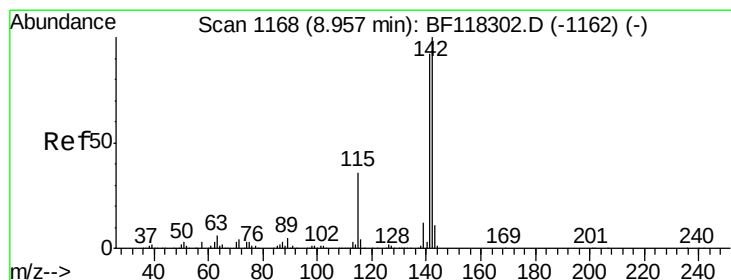
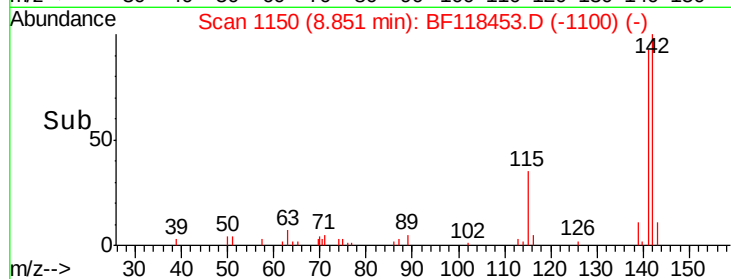
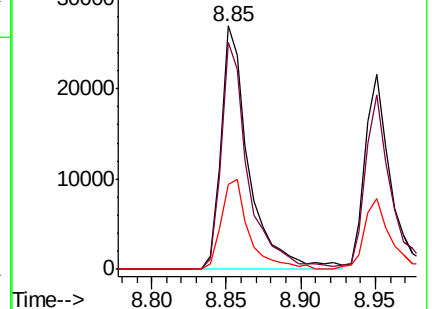
115 34.9 28.0 42.0



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: 2.647 ng

RT: 8.95 min Scan# 1167

Delta R.T. -0.01 min

Lab File: BF118453.D

Acq: 2 Jan 2020 23:30

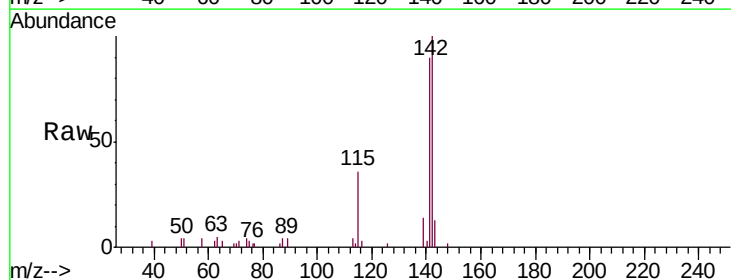
Tgt Ion:142 Resp: 25929

Ion Ratio Lower Upper

142 100

141 89.6 73.4 110.2

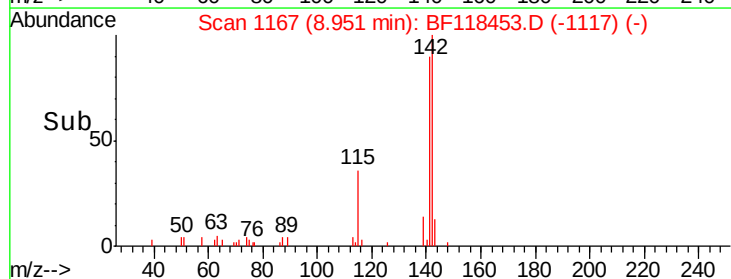
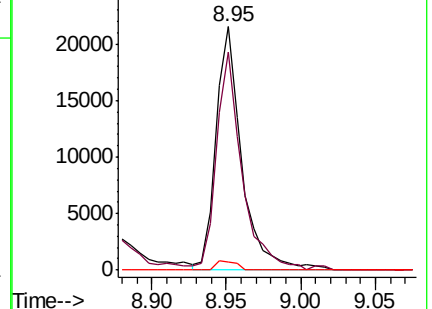
116 3.5 2.9 4.3

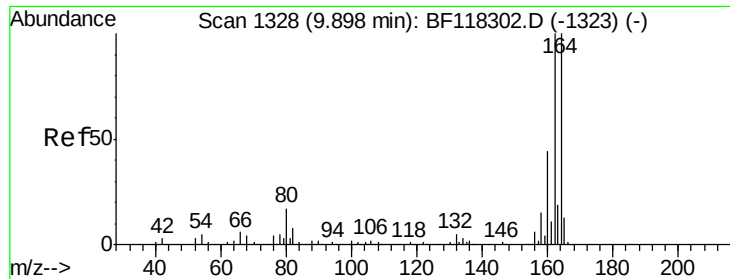


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

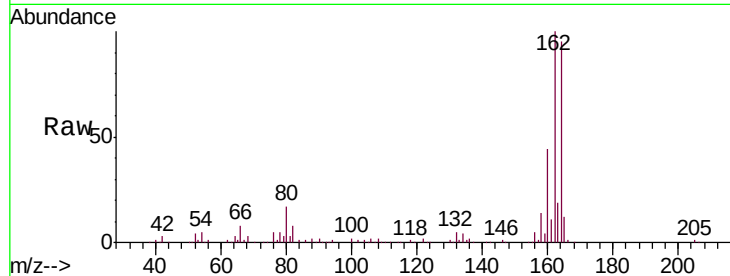




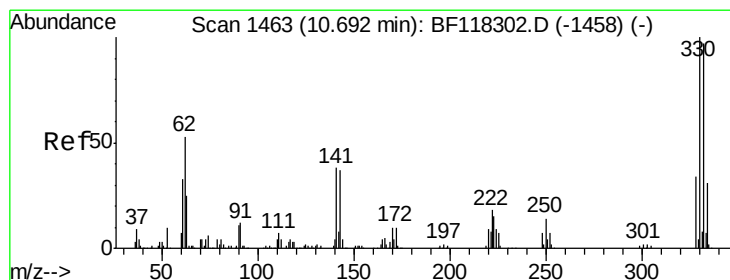
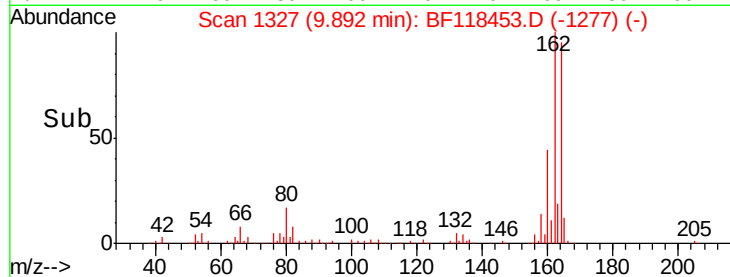
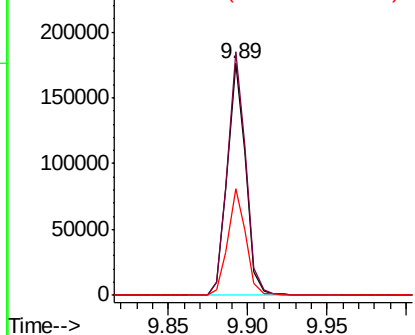
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. -0.01 min
 Lab File: BF118453.D
 Acq: 2 Jan 2020 23:30

Instrument :
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Tgt Ion:164 Resp: 141749
 Ion Ratio Lower Upper
 164 100
 162 105.0 80.0 120.0
 160 45.9 34.8 52.2

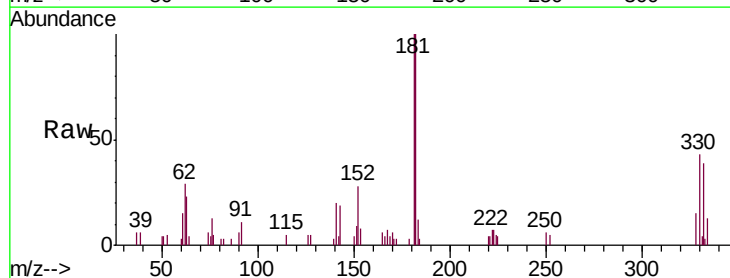


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

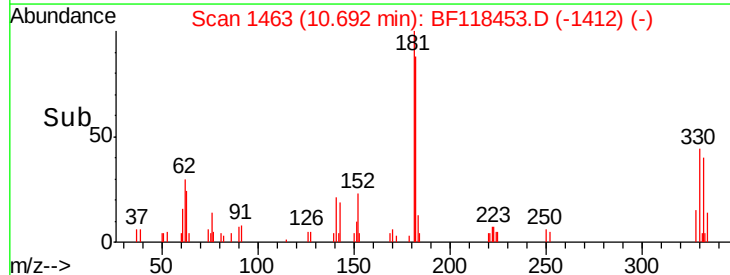
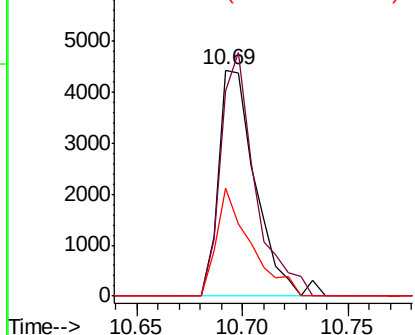


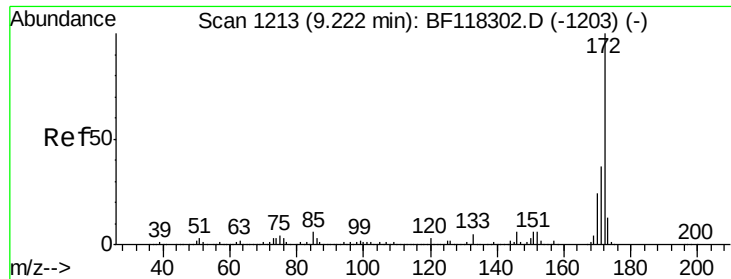
#42
 2,4,6-Tribromophenol
 Concen: 3.069 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. -0.00 min
 Lab File: BF118453.D
 Acq: 2 Jan 2020 23:30

Tgt Ion:330 Resp: 5373
 Ion Ratio Lower Upper
 330 100
 332 100.3 76.6 114.8
 141 44.6 26.0 39.0#



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

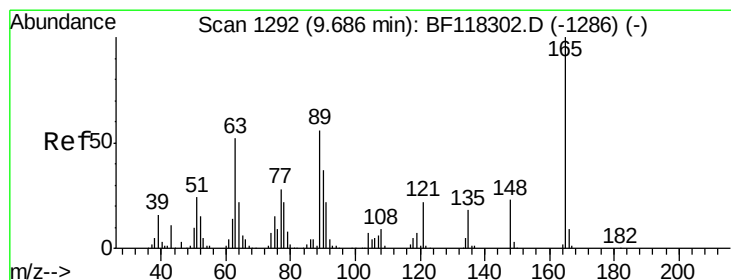
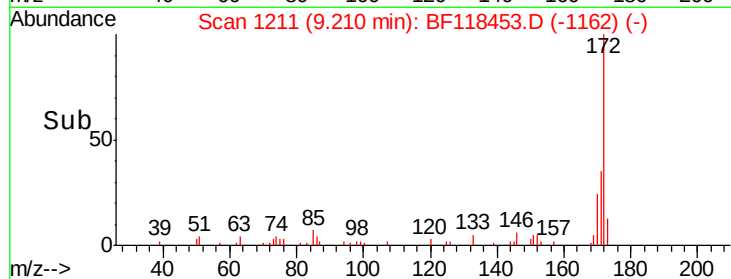
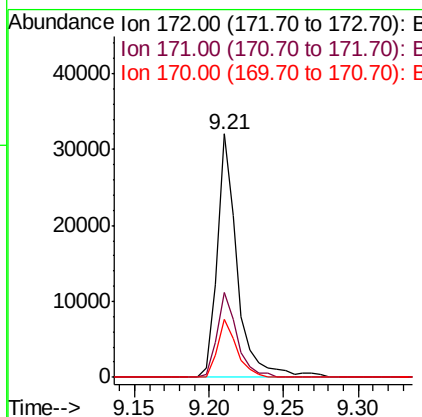
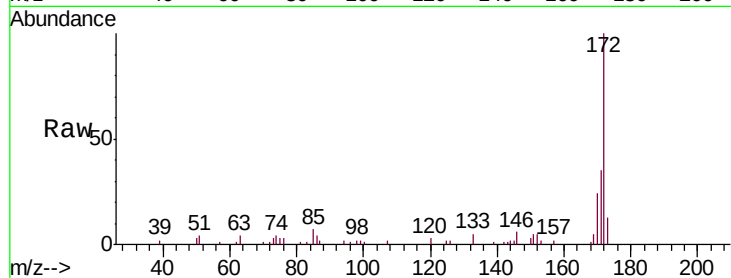




#45
2-Fluorobiphenyl
Concen: 3.245 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.01 min
Lab File: BF118453.D
Acq: 2 Jan 2020 23:30

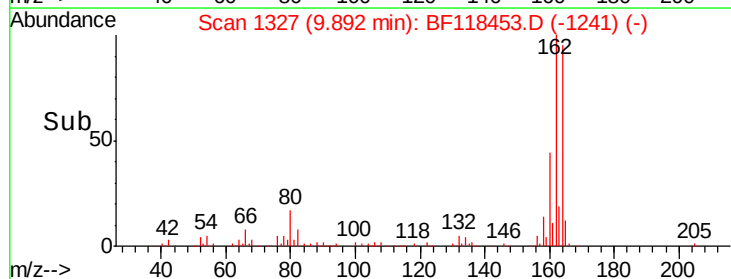
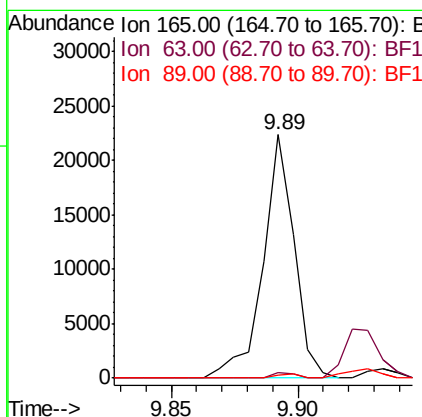
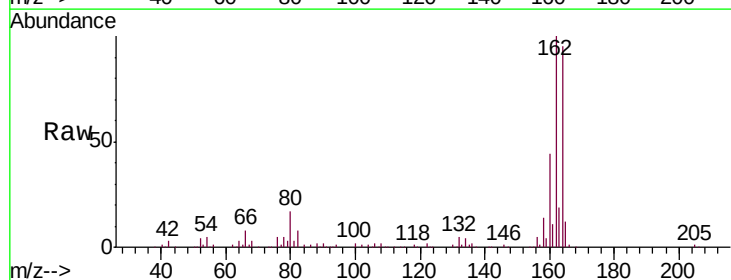
Instrument :
BNA_F
ClientSampleId :
GP-11-(5-6)DL

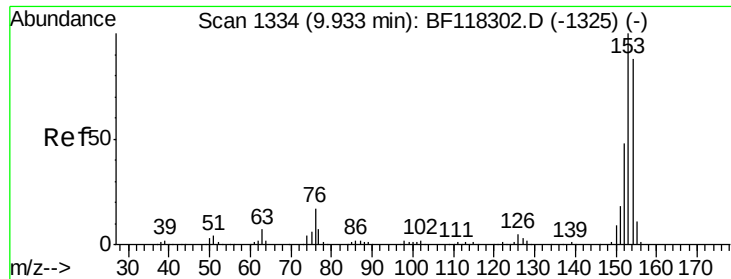
Tgt Ion:172 Resp: 30134
Ion Ratio Lower Upper
172 100
171 34.9 29.3 43.9
170 23.8 19.2 28.8



#51
2,6-Dinitrotoluene
Concen: 8.413 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.21 min
Lab File: BF118453.D
Acq: 2 Jan 2020 23:30

Tgt Ion:165 Resp: 19300
Ion Ratio Lower Upper
165 100
63 2.1 42.2 63.4#
89 1.4 44.4 66.6#





#52

Acenaphthene

Concen: 6.637 ng

RT: 9.93 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BF118453.D

Acq: 2 Jan 2020 23:30

Instrument :

BNA_F

ClientSampleId :

GP-11-(5-6)DL

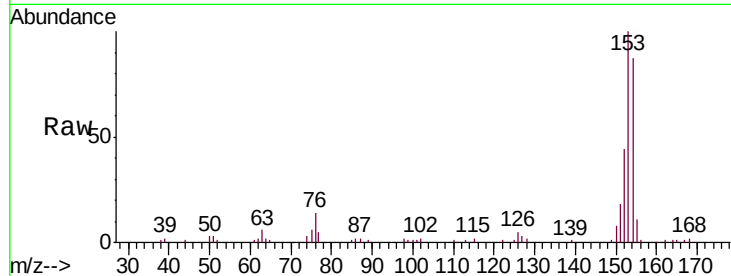
Tgt Ion:154 Resp: 54101

Ion Ratio Lower Upper

154 100

153 115.3 90.6 136.0

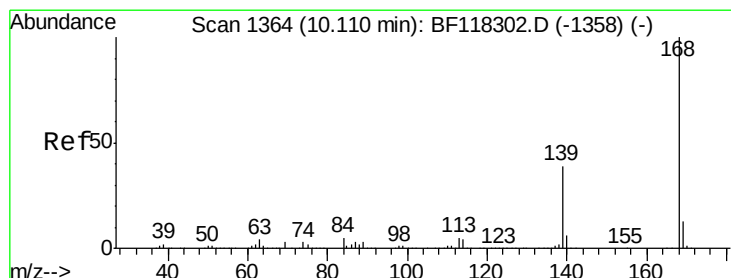
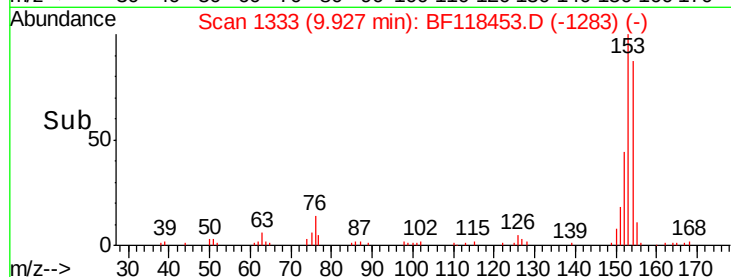
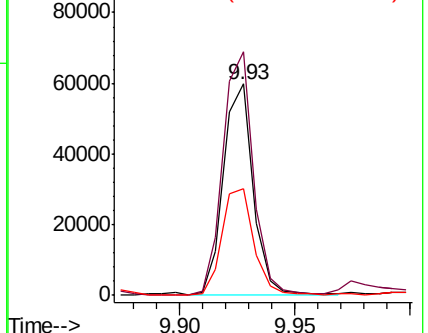
152 50.3 43.1 64.7



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: 5.918 ng

RT: 10.10 min Scan# 1363

Delta R.T. -0.01 min

Lab File: BF118453.D

Acq: 2 Jan 2020 23:30

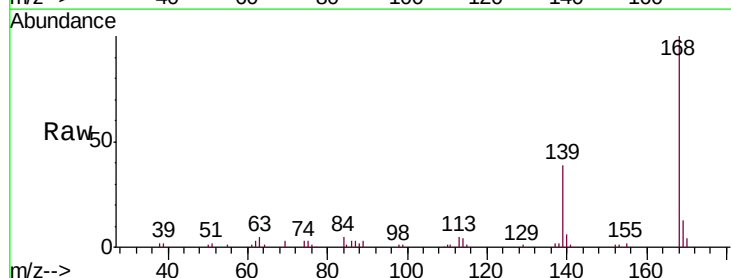
Tgt Ion:168 Resp: 71280

Ion Ratio Lower Upper

168 100

139 39.3 31.5 47.3

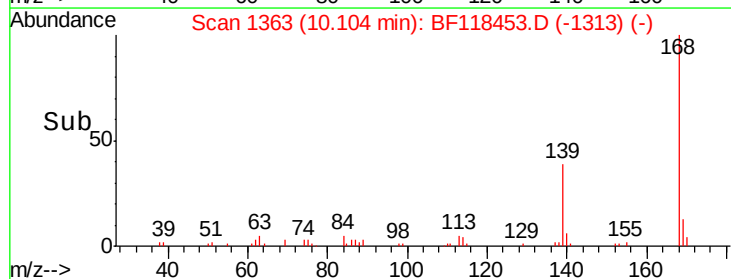
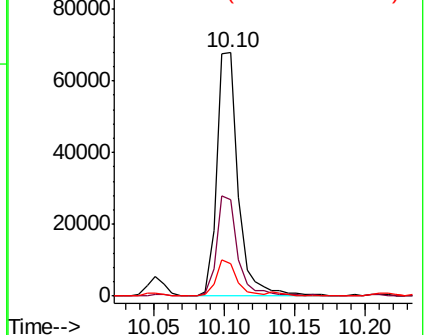
169 13.2 10.4 15.6

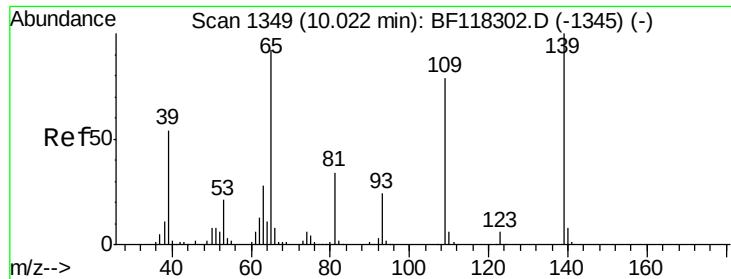


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

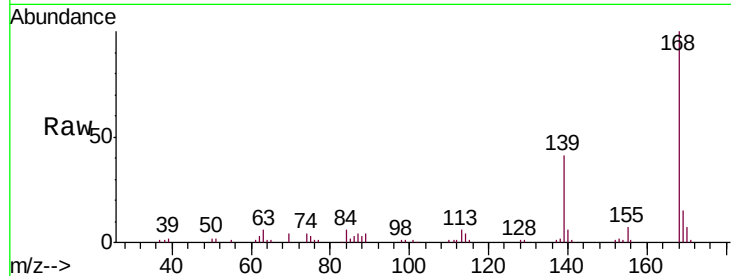




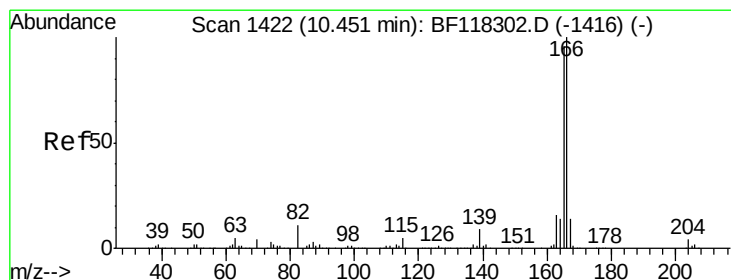
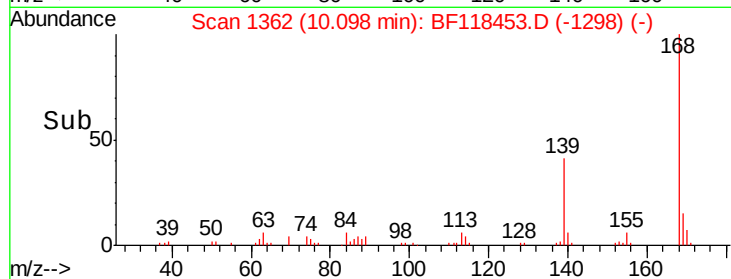
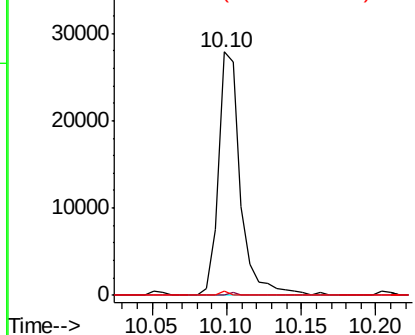
#56
4-Nitrophenol
Concen: 17.393 ng
RT: 10.10 min Scan# 1362
Delta R.T. 0.08 min
Lab File: BF118453.D
Acq: 2 Jan 2020 23:30

Instrument :
BNA_F
ClientSampleId :
GP-11-(5-6)DL

Tgt Ion:139 Resp: 28910
Ion Ratio Lower Upper
139 100
109 0.0 59.3 99.3#
65 1.7 72.4 112.4#

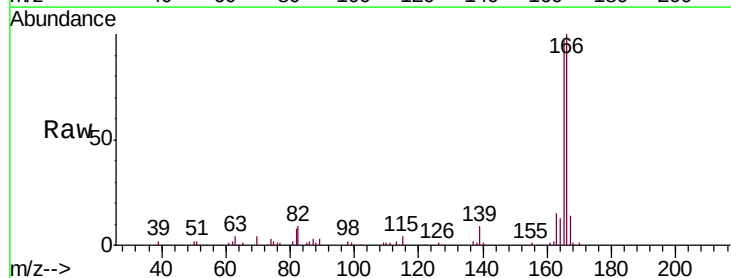


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

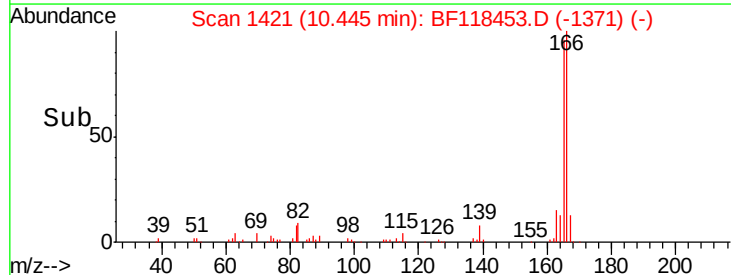
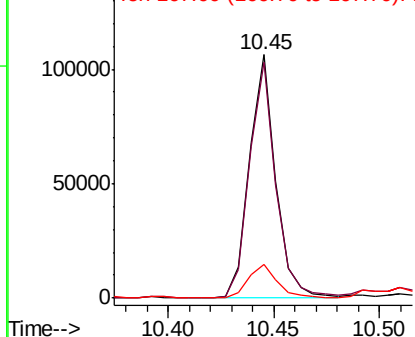


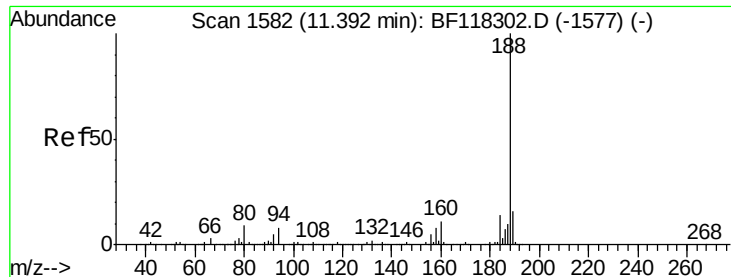
#58
Fluorene
Concen: 9.524 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BF118453.D
Acq: 2 Jan 2020 23:30

Tgt Ion:166 Resp: 92603
Ion Ratio Lower Upper
166 100
165 96.8 77.0 115.4
167 13.6 10.9 16.3



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: 11.39 min Scan# 1581

Delta R.T. -0.01 min

Lab File: BF118453.D

Acq: 2 Jan 2020 23:30

Instrument :

BNA_F

ClientSampleId :

GP-11-(5-6)DL

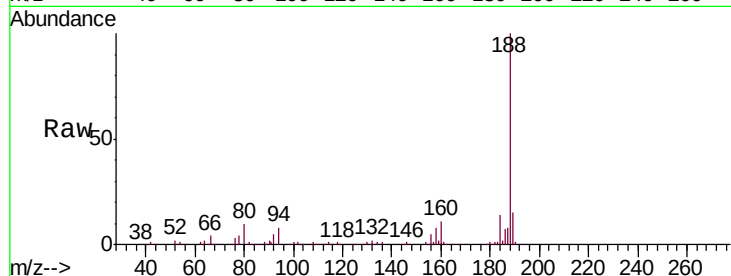
Tgt Ion:188 Resp: 245494

Ion Ratio Lower Upper

188 100

94 8.3 6.7 10.1

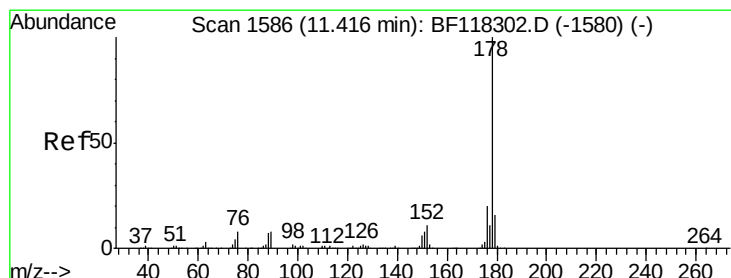
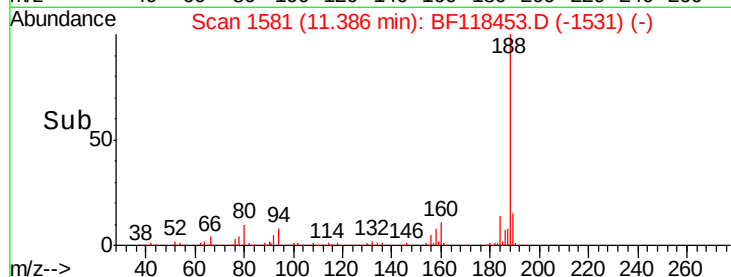
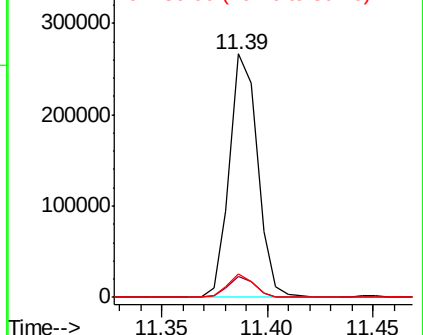
80 9.6 7.2 10.8



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: 59.221 ng

RT: 11.42 min Scan# 1586

Delta R.T. -0.00 min

Lab File: BF118453.D

Acq: 2 Jan 2020 23:30

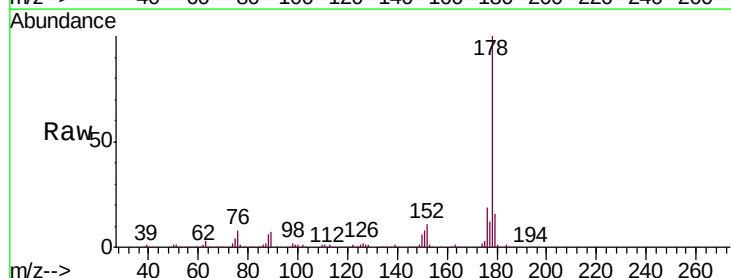
Tgt Ion:178 Resp: 792556

Ion Ratio Lower Upper

178 100

176 19.0 15.6 23.4

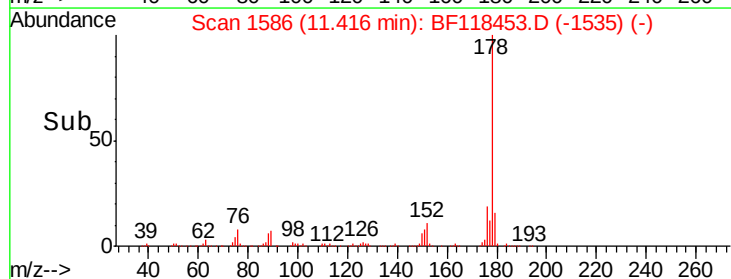
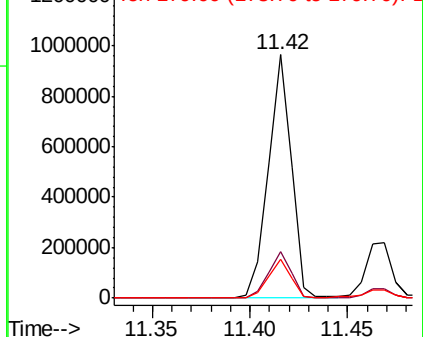
179 16.0 12.6 19.0

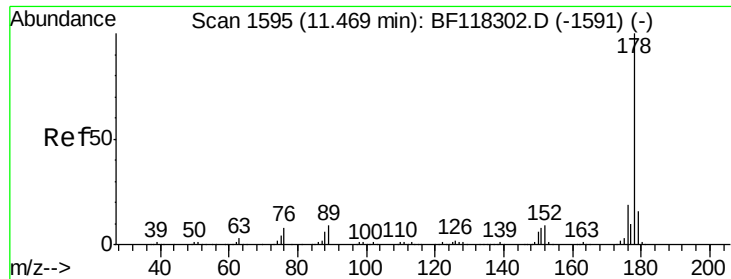


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

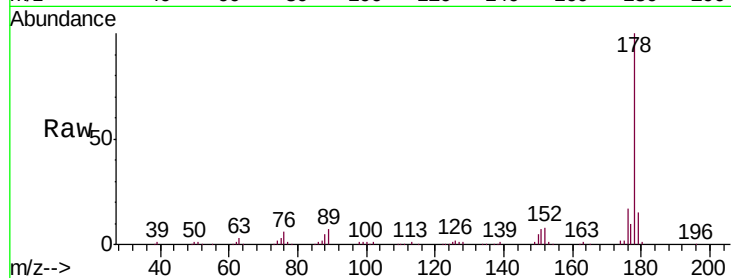




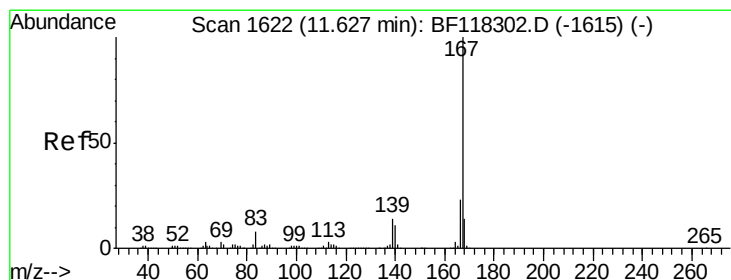
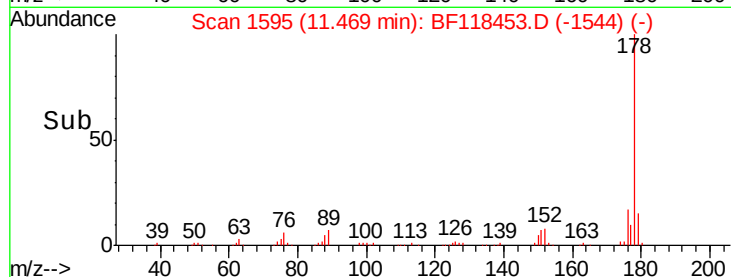
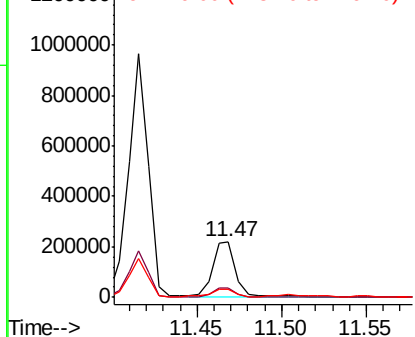
#72
 Anthracene
 Concen: 15.828 ng
 RT: 11.47 min Scan# 1595
 Delta R.T. -0.00 min
 Lab File: BF118453.D
 Acq: 2 Jan 2020 23:30

Instrument :
 BNA_F
 ClientSampleId :
 GP-11-(5-6)DL

Tgt Ion:178 Resp: 212032
 Ion Ratio Lower Upper
 178 100
 176 17.3 15.2 22.8
 179 14.7 12.9 19.3

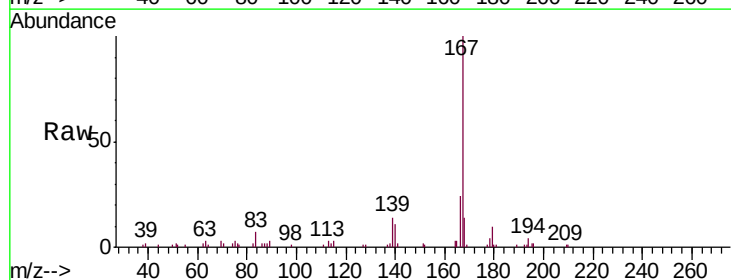


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

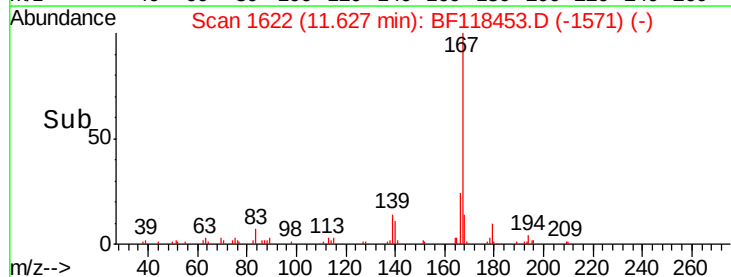
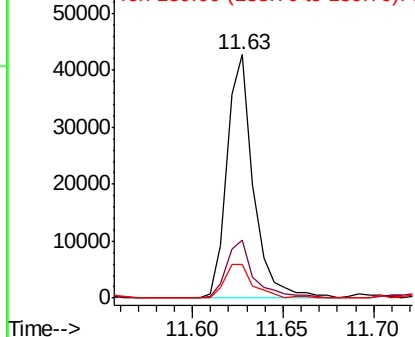


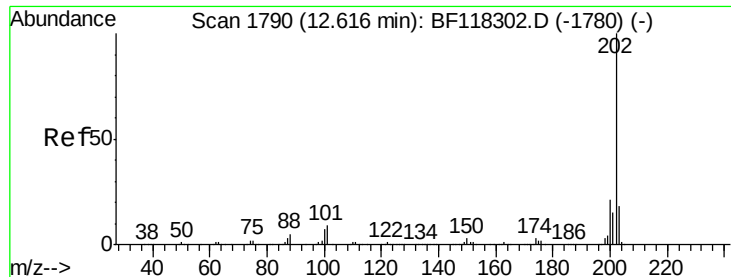
#73
 Carbazole
 Concen: 3.646 ng
 RT: 11.63 min Scan# 1622
 Delta R.T. -0.00 min
 Lab File: BF118453.D
 Acq: 2 Jan 2020 23:30

Tgt Ion:167 Resp: 43342
 Ion Ratio Lower Upper
 167 100
 166 23.9 18.1 27.1
 139 13.8 11.5 17.3



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: 35.932 ng

RT: 12.61 min Scan# 1789

Delta R.T. -0.01 min

Lab File: BF118453.D

Acq: 2 Jan 2020 23:30

Instrument :

BNA_F

ClientSampleId :

GP-11-(5-6)DL

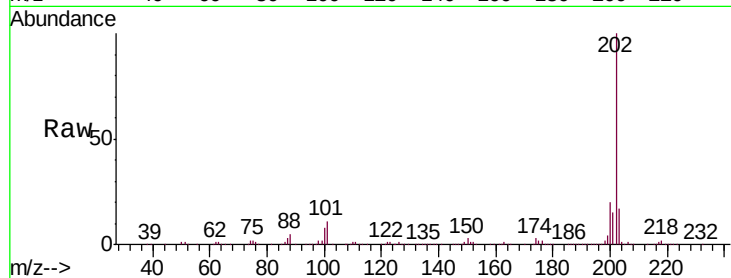
Tgt Ion:202 Resp: 485316

Ion Ratio Lower Upper

202 100

101 10.5 0.0 29.5

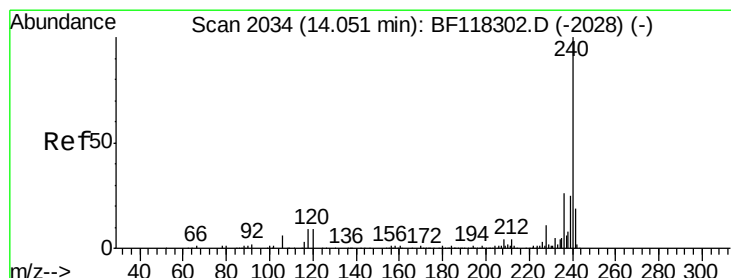
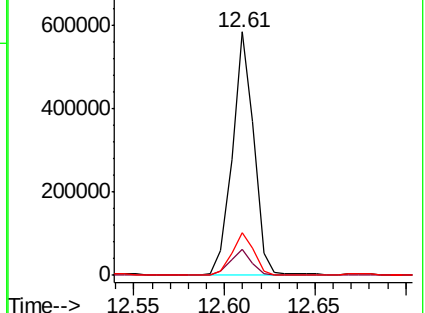
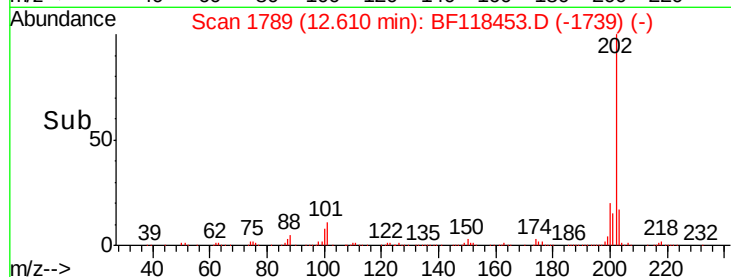
203 17.4 0.0 37.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.04 min Scan# 2033

Delta R.T. -0.01 min

Lab File: BF118453.D

Acq: 2 Jan 2020 23:30

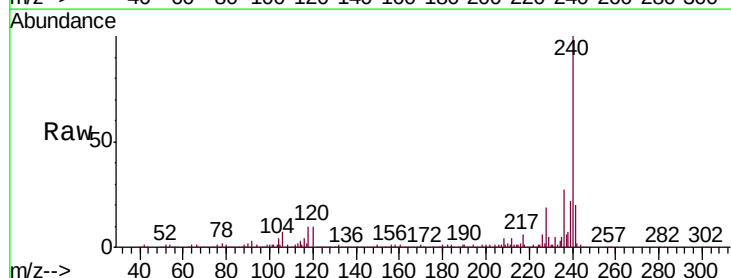
Tgt Ion:240 Resp: 195029

Ion Ratio Lower Upper

240 100

120 9.7 7.1 10.7

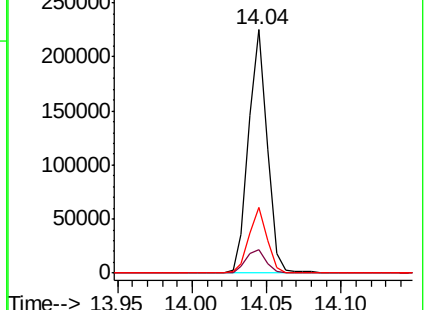
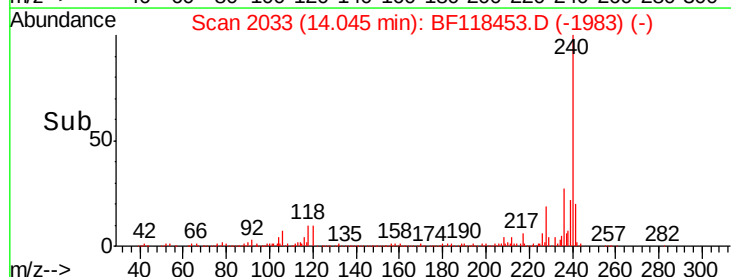
236 26.8 21.0 31.6

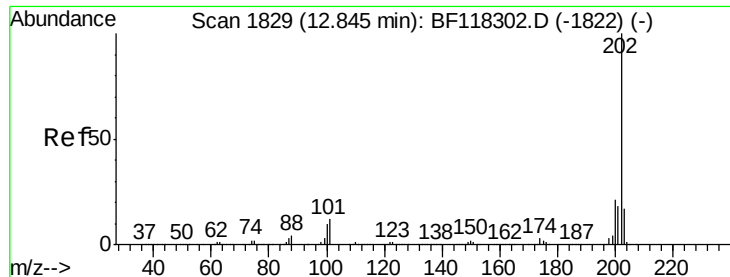


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Pyrene

Concen: 31.800 ng

RT: 12.84 min Scan# 1829

Delta R.T. -0.00 min

Lab File: BF118453.D

Acq: 2 Jan 2020 23:30

Instrument :

BNA_F

ClientSampleId :

GP-11-(5-6)DL

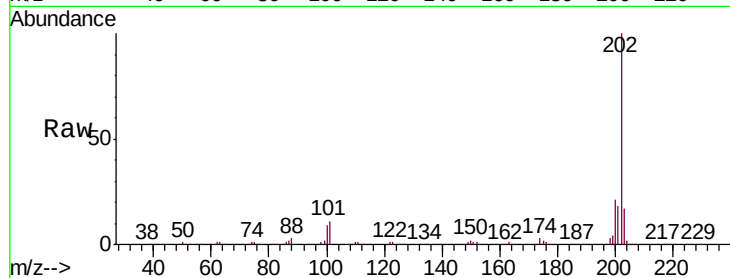
Tgt Ion:202 Resp: 506455

Ion Ratio Lower Upper

202 100

200 21.0 16.8 25.2

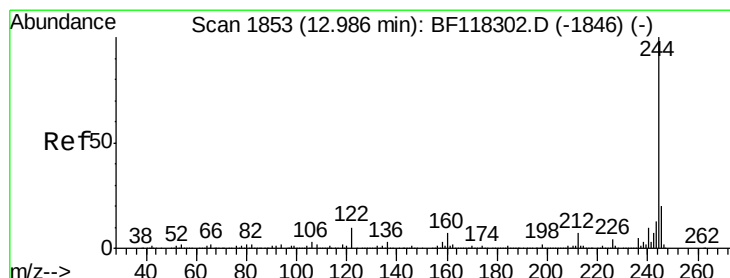
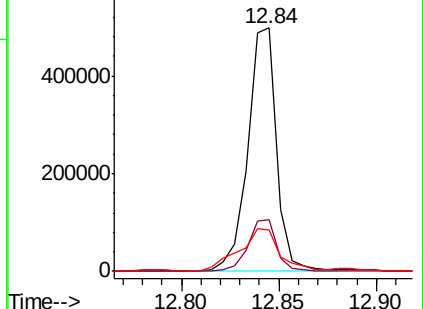
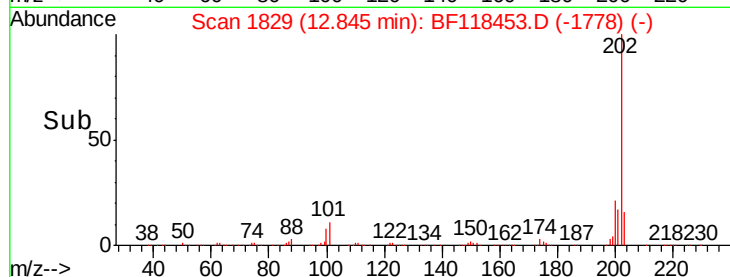
203 17.0 13.9 20.9



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: 2.439 ng

RT: 12.97 min Scan# 1851

Delta R.T. -0.01 min

Lab File: BF118453.D

Acq: 2 Jan 2020 23:30

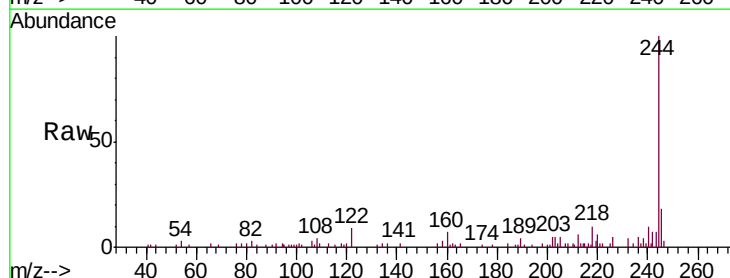
Tgt Ion:244 Resp: 28675

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.2

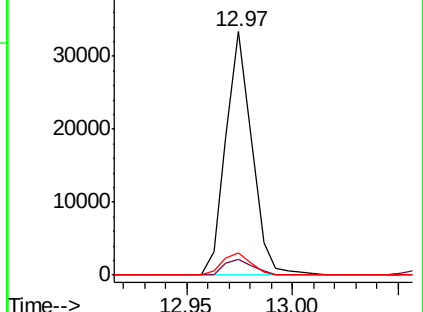
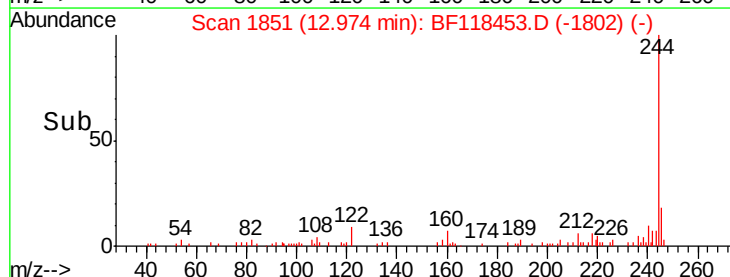
122 9.2 7.8 11.8

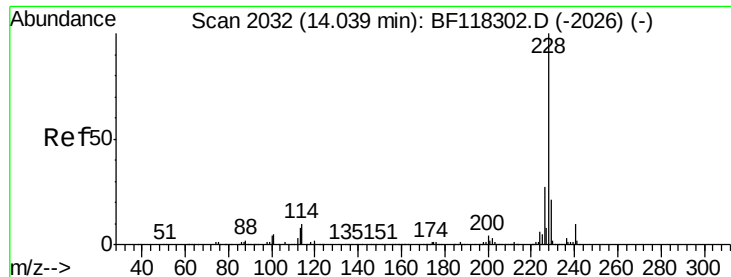


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

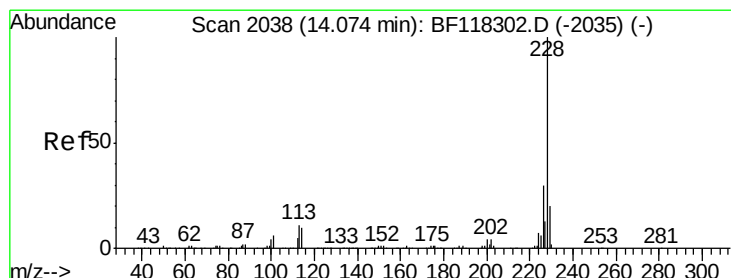
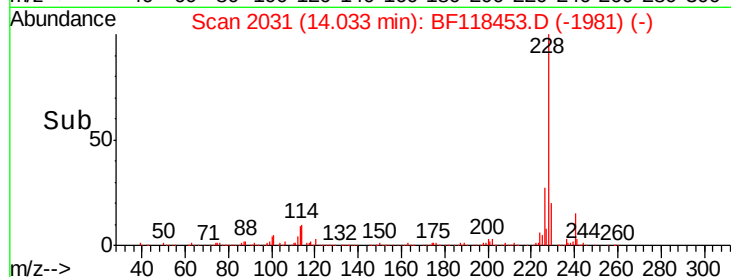
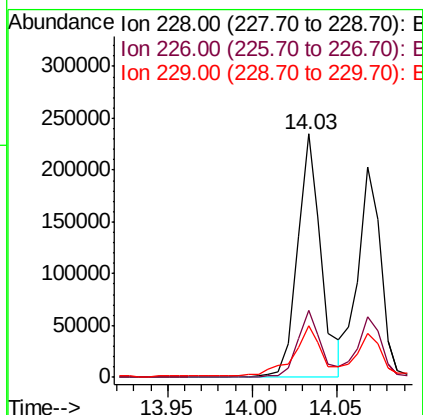
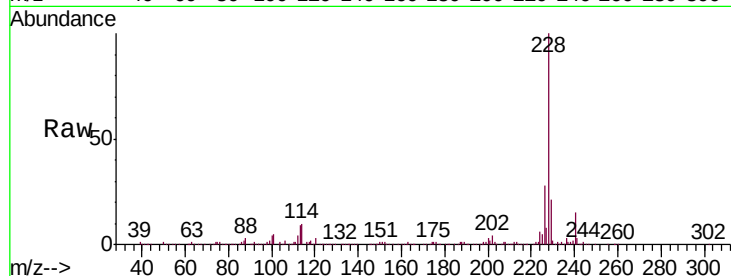




#81
Benzo(a)anthracene
Concen: 16.696 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF118453.D
Acq: 2 Jan 2020 23:30

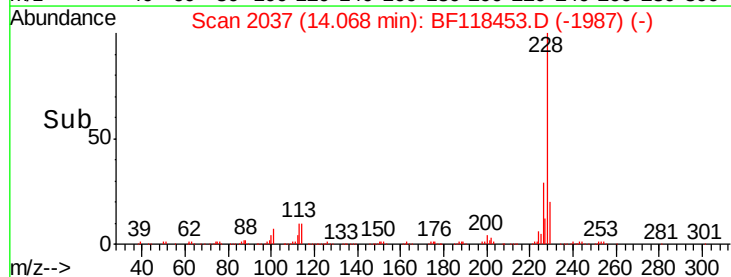
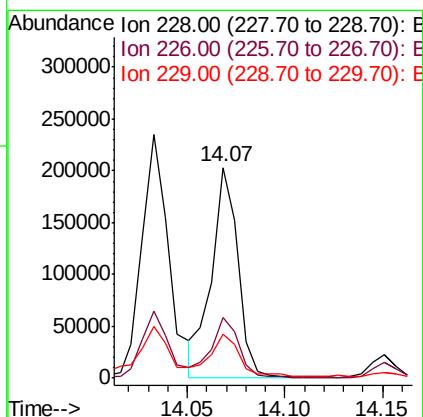
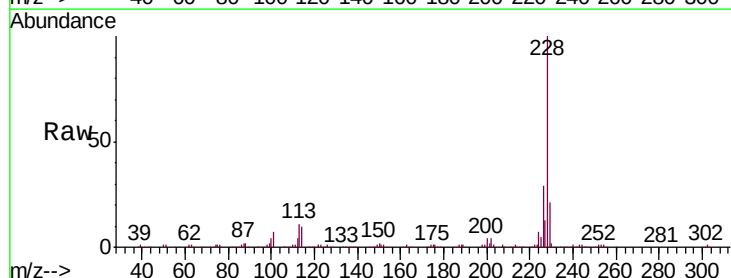
Instrument :
BNA_F
ClientSampleId :
GP-11-(5-6)DL

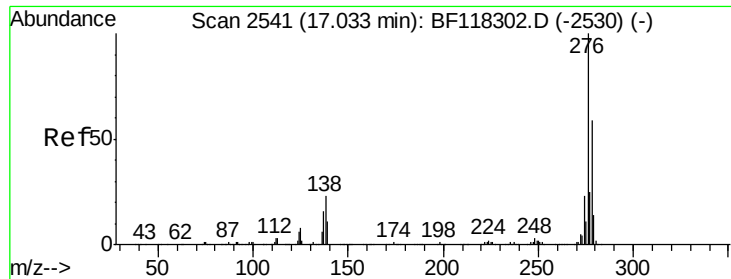
Tgt Ion:228 Resp: 227930
Ion Ratio Lower Upper
228 100
226 27.7 22.0 33.0
229 21.1 16.6 24.8



#83
Chrysene
Concen: 14.594 ng
RT: 14.07 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BF118453.D
Acq: 2 Jan 2020 23:30

Tgt Ion:228 Resp: 190764
Ion Ratio Lower Upper
228 100
226 29.0 23.9 35.9
229 21.0 16.1 24.1

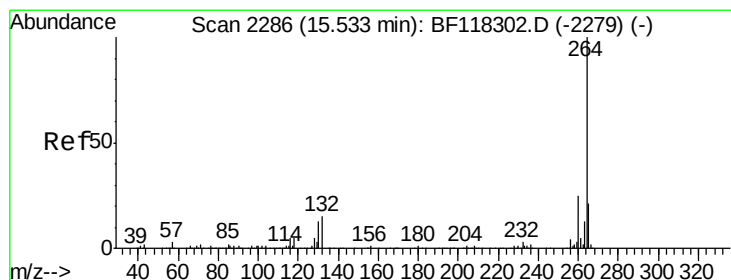
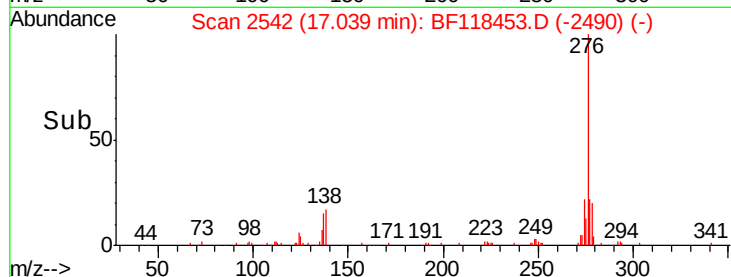
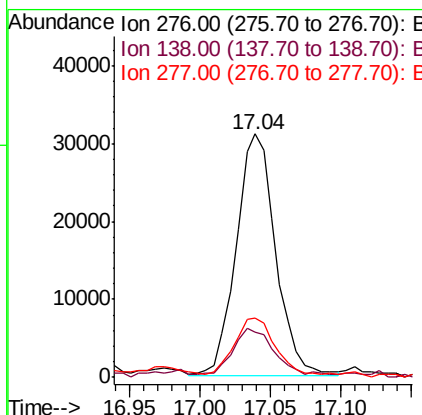
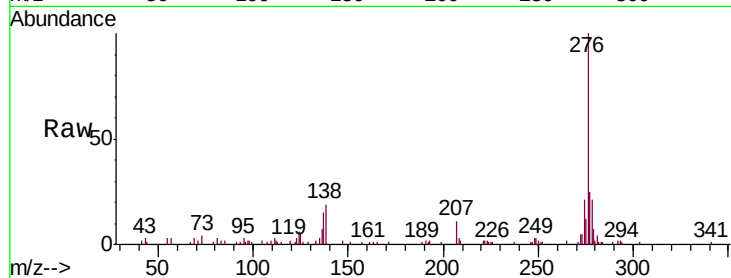




#86
 Indeno(1,2,3-cd)pyrene
 Concen: 5.432 ng
 RT: 17.04 min Scan# 2542
 Delta R.T. 0.01 min
 Lab File: BF118453.D
 Acq: 2 Jan 2020 23:30

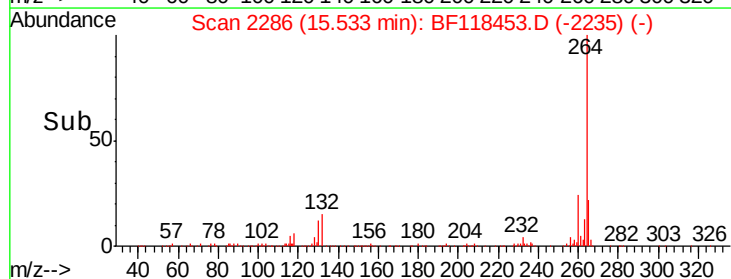
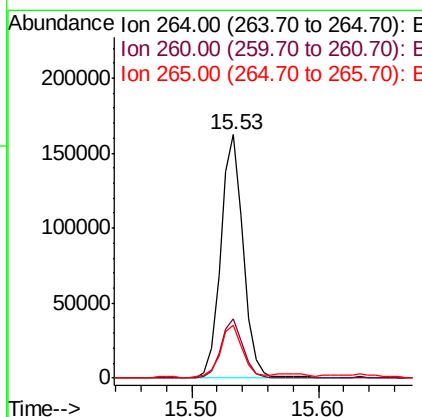
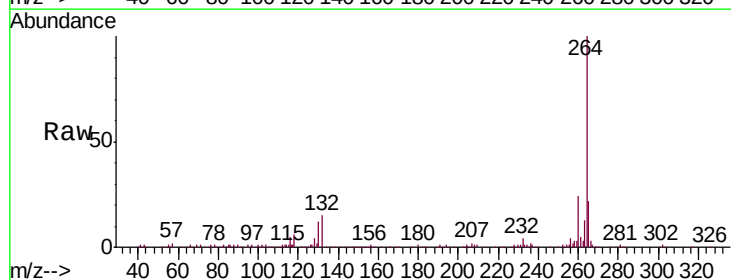
Instrument :
 BNA_F
 ClientSampleId :
 GP-11-(5-6)DL

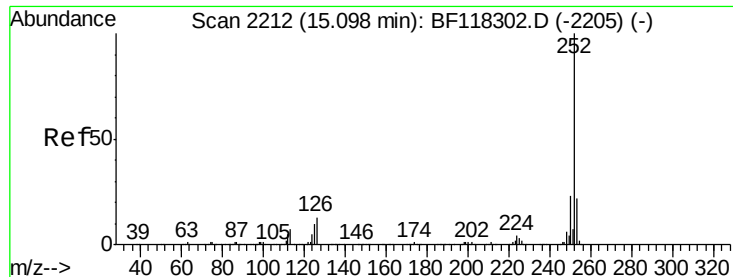
Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.0	19.5	29.3
277	23.7	20.6	30.8



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.53 min Scan# 2286
 Delta R.T. -0.00 min
 Lab File: BF118453.D
 Acq: 2 Jan 2020 23:30

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.8	29.6
265	22.0	17.0	25.4

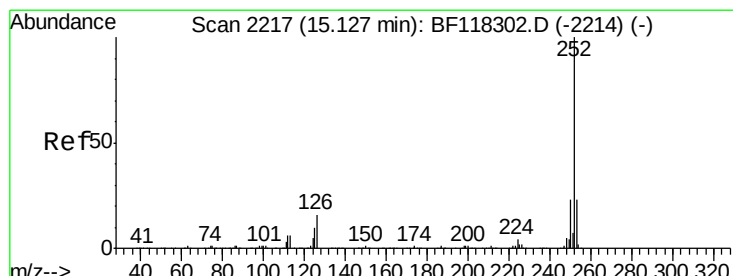
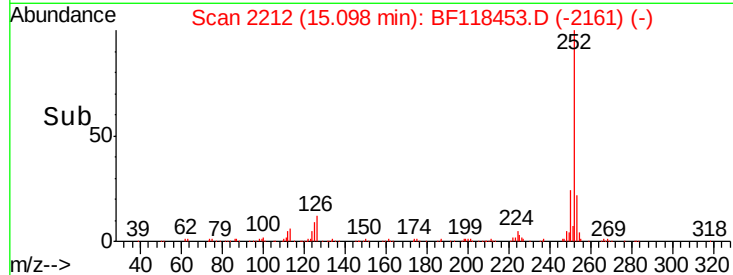
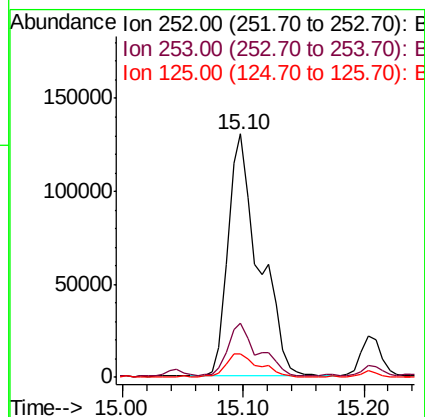
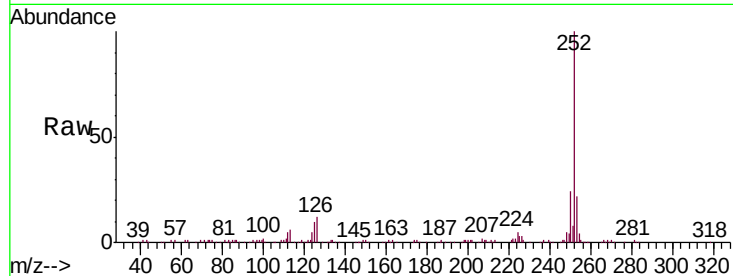




#88
Benzo(b)fluoranthene
Concen: 17.464 ng
RT: 15.10 min Scan# 2212
Delta R.T. -0.00 min
Lab File: BF118453.D
Acq: 2 Jan 2020 23:30

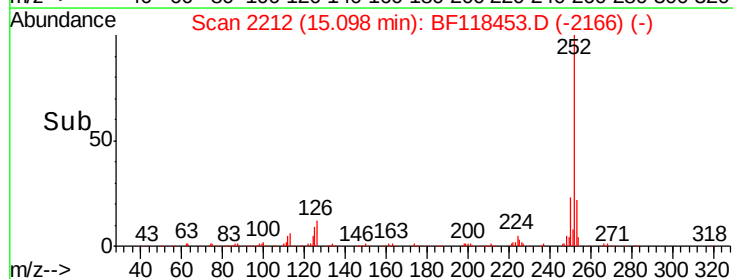
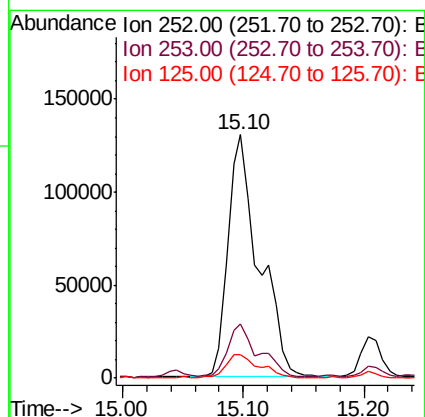
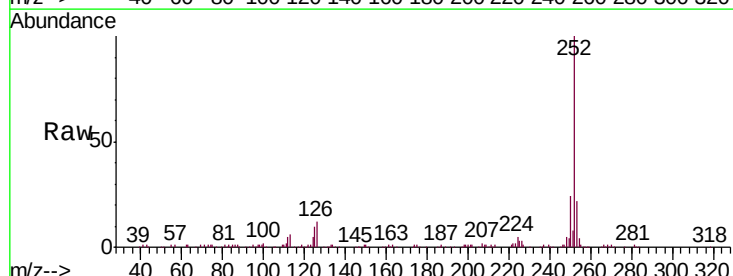
Instrument :
BNA_F
ClientSampleId :
GP-11-(5-6)DL

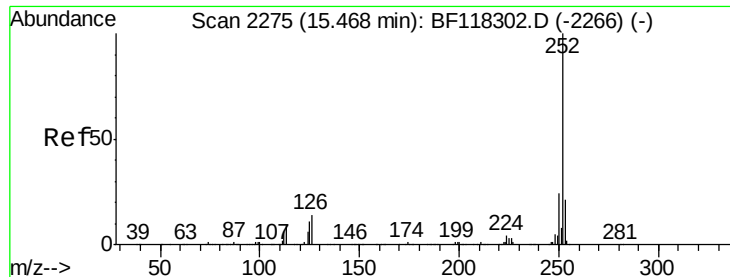
Tgt Ion:252 Resp: 231836
Ion Ratio Lower Upper
252 100
253 22.2 17.5 26.3
125 9.6 7.7 11.5



#89
Benzo(k)fluoranthene
Concen: 18.188 ng
RT: 15.10 min Scan# 2212
Delta R.T. -0.03 min
Lab File: BF118453.D
Acq: 2 Jan 2020 23:30

Tgt Ion:252 Resp: 231836
Ion Ratio Lower Upper
252 100
253 22.2 18.0 27.0
125 9.6 8.0 12.0





#90

Benzo(a)pyrene

Concen: 12.041 ng

RT: 15.47 min Scan# 2275

Delta R.T. -0.00 min

Lab File: BF118453.D

Acq: 2 Jan 2020 23:30

Instrument :

BNA_F

ClientSampleId :

GP-11-(5-6)DL

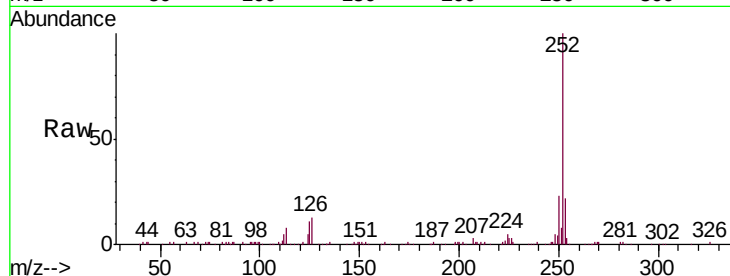
Tgt Ion:252 Resp: 140806

Ion Ratio Lower Upper

252 100

253 22.1 17.0 25.6

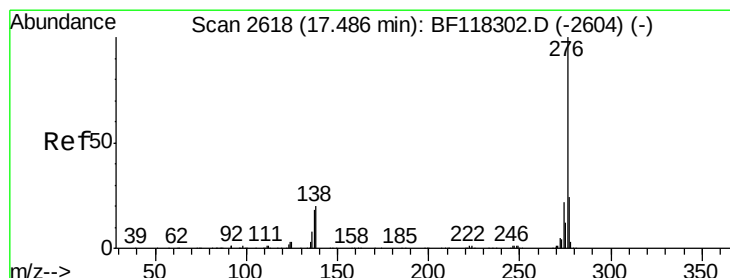
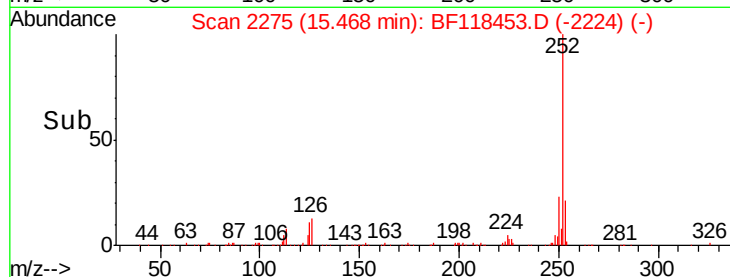
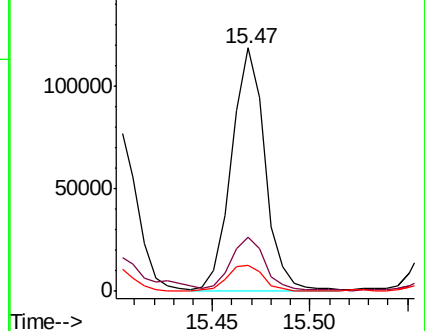
125 10.9 9.0 13.4



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



#92

Benzo(g,h,i)perylene

Concen: 5.533 ng

RT: 17.50 min Scan# 2620

Delta R.T. 0.01 min

Lab File: BF118453.D

Acq: 2 Jan 2020 23:30

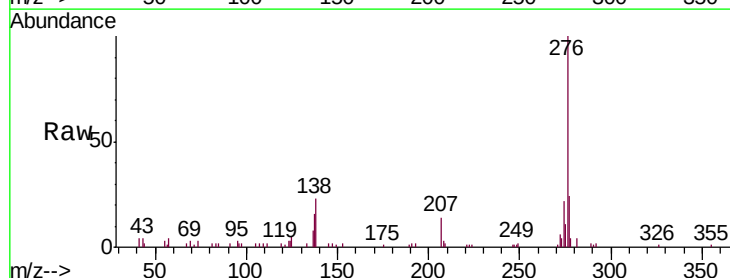
Tgt Ion:276 Resp: 54243

Ion Ratio Lower Upper

276 100

277 24.5 19.1 28.7

138 22.5 16.1 24.1



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

