

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012020\
 Data File : BF118621.D
 Acq On : 21 Jan 2020 6:40
 Operator : CG/JU
 Sample : L1142-01DL 5X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 21 07:22:30 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 20 14:45:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	481677	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	1744410	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	933537	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	1502389	20.00	ng	0.00
76) Chrysene-d12	14.05	240	993917	20.00	ng	0.00
87) Perylene-d12	15.52	264	1032851	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	549917	21.20	ng	0.00
7) Phenol-d6	6.50	99	759733	22.54	ng	-0.01
23) Nitrobenzene-d5	7.43	82	598742	19.20	ng	-0.01
42) 2,4,6-Tribromophenol	10.70	330	176928	16.39	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	877734	15.45	ng	0.00
79) Terphenyl-d14	12.99	244	818292	17.96	ng	0.00

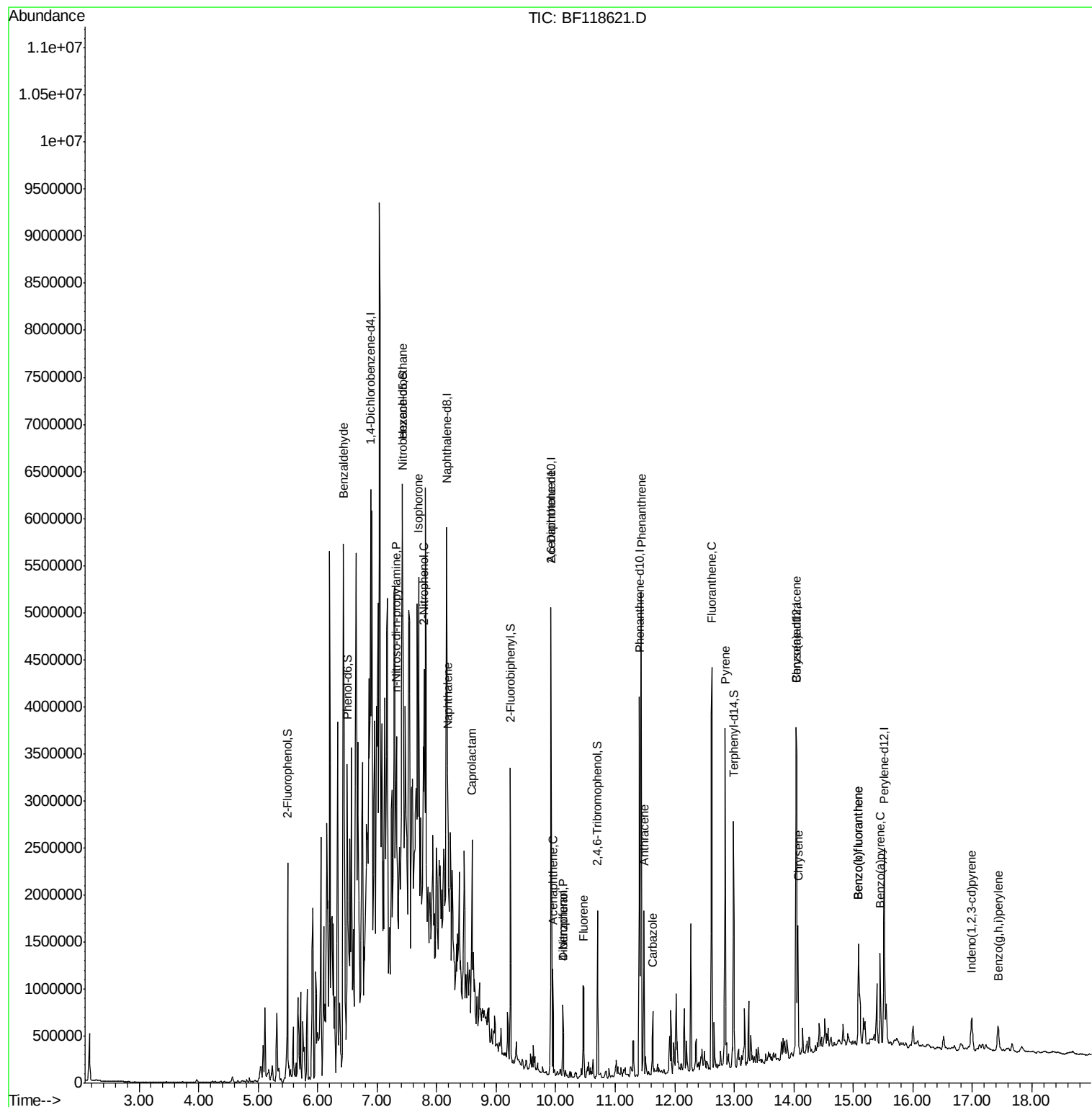
Target Compounds				Qvalue		
9) Benzaldehyde	6.43	77	42482	2.072	ng	# 8
18) Hexachloroethane	7.42	117	40004	3.226	ng	# 1
19) n-Nitroso-di-n-propylamine	7.32	70	136046	5.977	ng	# 65
25) Isophorone	7.70	82	173439	3.049	ng	# 1
26) 2-Nitrophenol	7.79	139	31176	2.289	ng	# 1
31) Naphthalene	8.19	128	458342	5.816	ng	98
35) Caprolactam	8.60	113	46037	5.412	ng	# 41
51) 2,6-Dinitrotoluene	9.92	165	127791	9.383	ng	# 21
52) Acenaphthene	9.95	154	211781	4.151	ng	98
55) Dibenzofuran	10.12	168	240356	3.400	ng	96
56) 4-Nitrophenol	10.12	139	89752	7.645	ng	# 6
58) Fluorene	10.47	166	270086	4.866	ng	99
71) Phenanthrene	11.43	178	1978355	27.295	ng	95
72) Anthracene	11.48	178	616904	8.602	ng	93
73) Carbazole	11.63	167	241354	3.669	ng	96
75) Fluoranthene	12.62	202	1719627	22.494	ng	94
78) Pyrene	12.85	202	1476853	21.886	ng	93
81) Benzo(a)anthracene	14.03	228	622364	10.409	ng	96
83) Chrysene	14.07	228	504860	8.810	ng	96
86) Indeno(1,2,3-cd)pyrene	16.99	276	257619	5.174	ng	97
88) Benzo(b)fluoranthene	15.09	252	849398	13.083	ng	98
89) Benzo(k)fluoranthene	15.09	252	849398	14.122	ng	98
90) Benzo(a)pyrene	15.45	252	499000	8.910	ng	99
92) Benzo(g,h,i)perylene	17.43	276	233020	4.845	ng	99

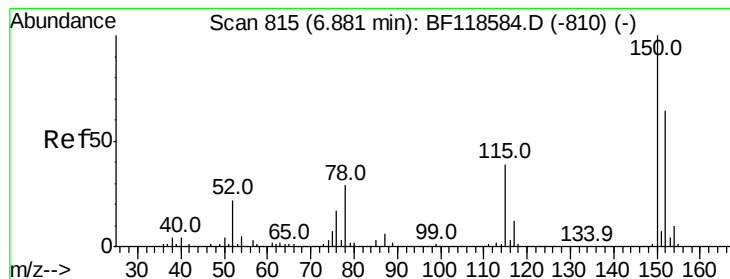
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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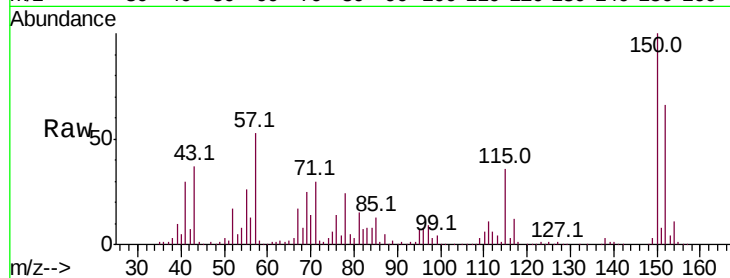


#1

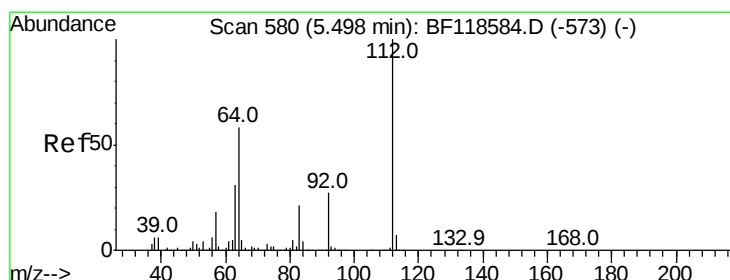
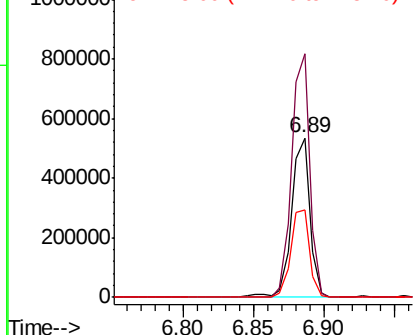
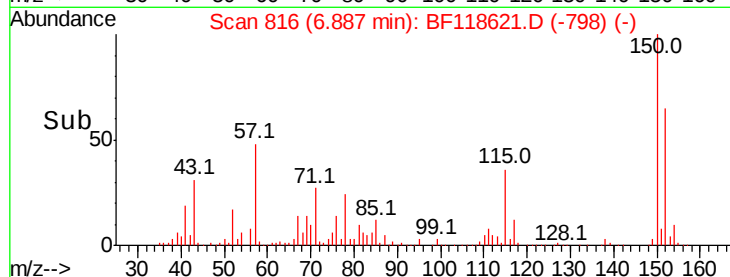
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.89 min Scan# 816
 Delta R.T. 0.01 min
 Lab File: BF118621.D
 Acq: 21 Jan 2020 6:40

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:152 Resp: 481677
 Ion Ratio Lower Upper
 152 100
 150 152.6 125.6 188.4
 115 54.6 48.4 72.6



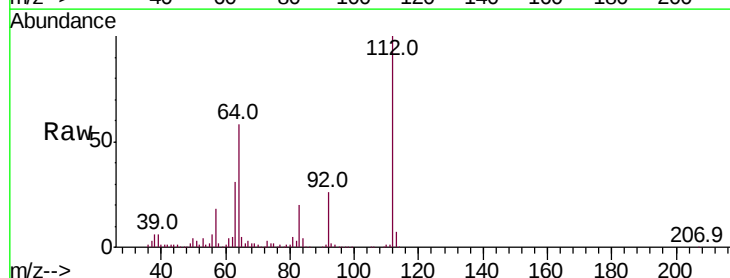
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



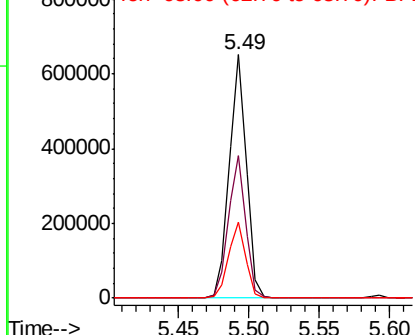
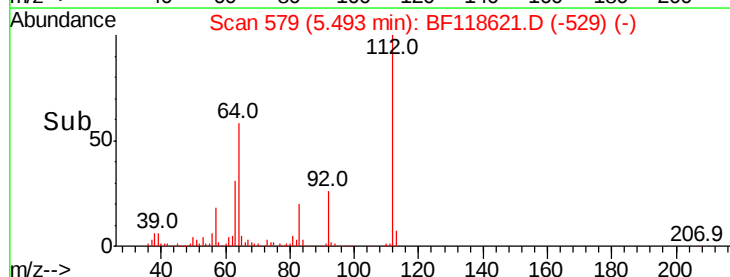
#5

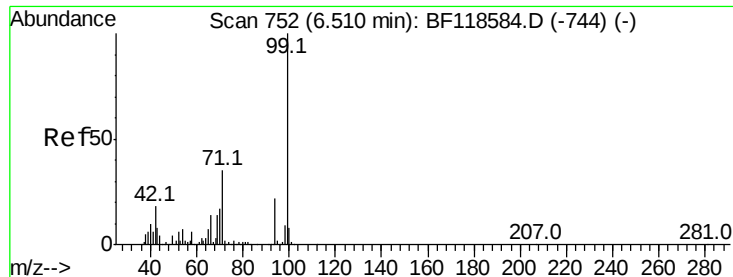
2-Fluorophenol
 Concen: 21.204 ng
 RT: 5.49 min Scan# 579
 Delta R.T. -0.01 min
 Lab File: BF118621.D
 Acq: 21 Jan 2020 6:40

Tgt Ion:112 Resp: 549917
 Ion Ratio Lower Upper
 112 100
 64 58.3 46.6 70.0
 63 31.3 25.1 37.7



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 22.538 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF118621.D

Acq: 21 Jan 2020 6:40

Instrument :

BNA_F

ClientSampleId :

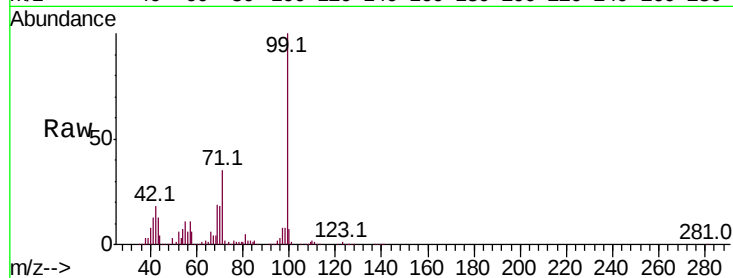
Tot Ion: 99 Resp: 759733

Ion Ratio Lower Upper

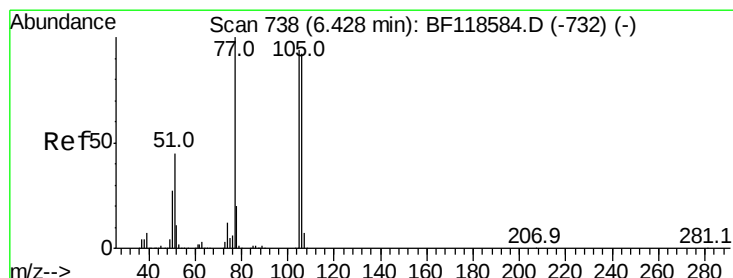
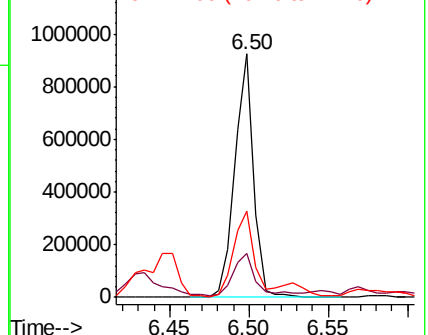
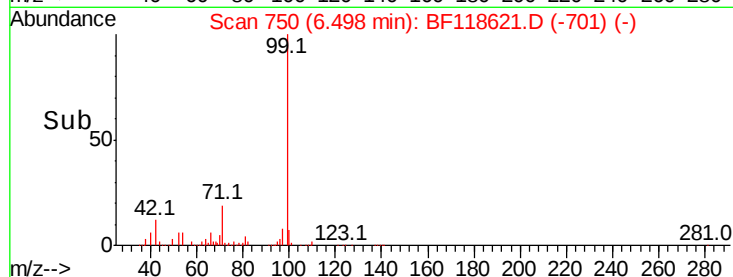
99 100

42 18.2 14.2 21.2

71 35.2 27.8 41.6



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



#9

Benzaldehyde

Concen: 2.072 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.01 min

Lab File: BF118621.D

Acq: 21 Jan 2020 6:40

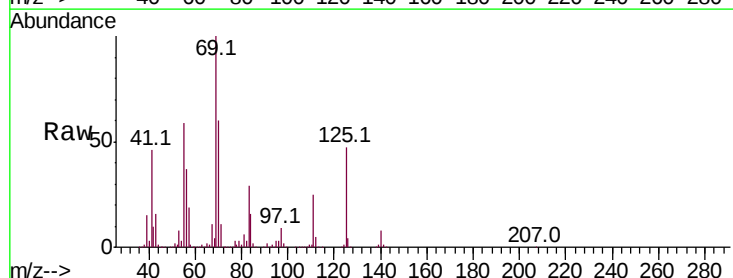
Tgt Ion: 77 Resp: 42482

Ion Ratio Lower Upper

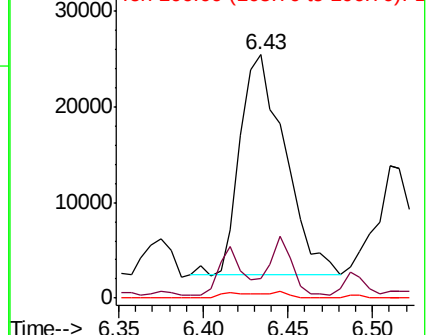
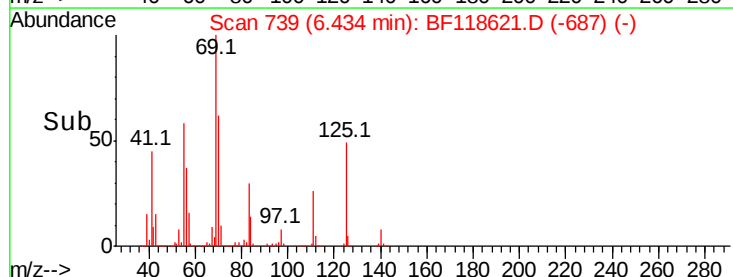
77 100

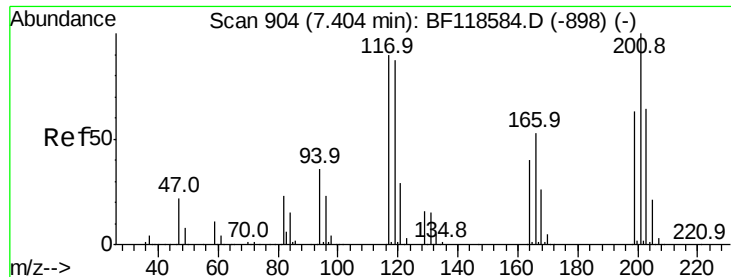
105 8.0 73.5 113.5#

106 1.9 71.9 111.9#



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E





#18

Hexachloroethane

Concen: 3.226 ng

RT: 7.42 min Scan# 907

Delta R.T. 0.02 min

Lab File: BF118621.D

Acq: 21 Jan 2020 6:40

Instrument :

BNA_F

ClientSampleId :

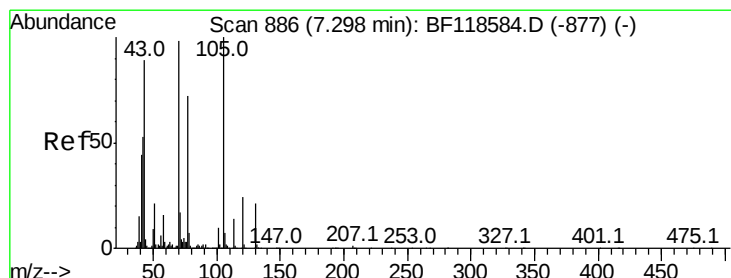
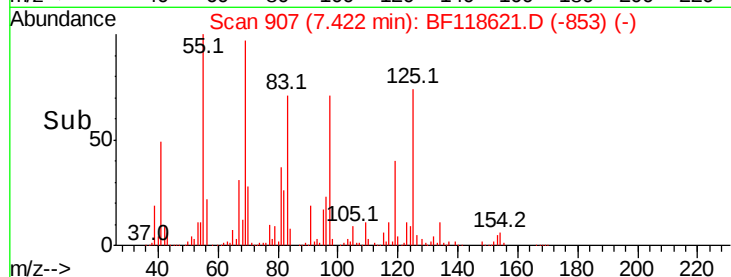
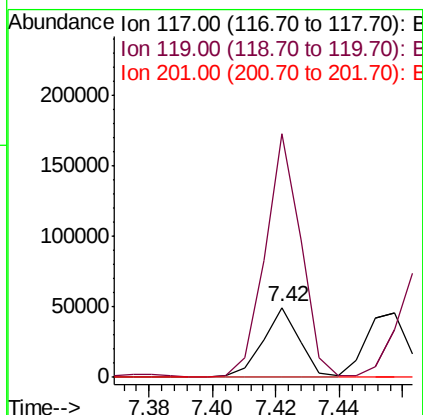
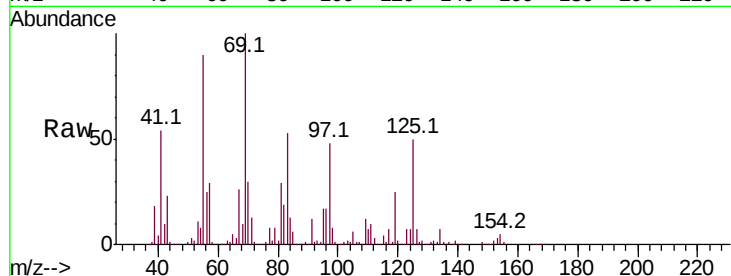
Tot Ion:117 Resp: 40004

Ion Ratio Lower Upper

117 100

119 348.0 77.6 116.4#

201 0.0 88.8 133.2#



#19

n-Nitroso-di-n-propylamine

Concen: 5.977 ng

RT: 7.32 min Scan# 890

Delta R.T. 0.02 min

Lab File: BF118621.D

Acq: 21 Jan 2020 6:40

Tgt Ion: 70 Resp: 136046

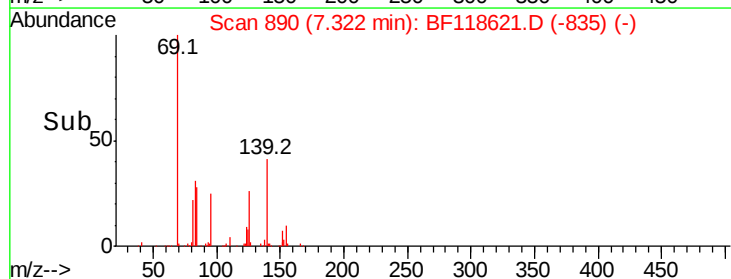
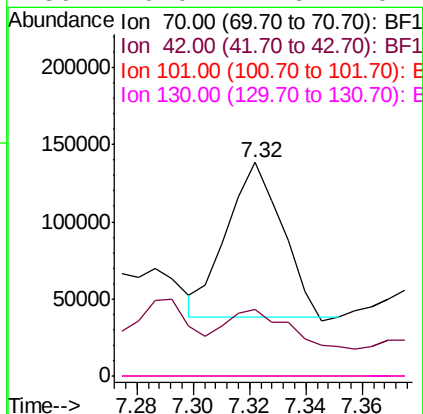
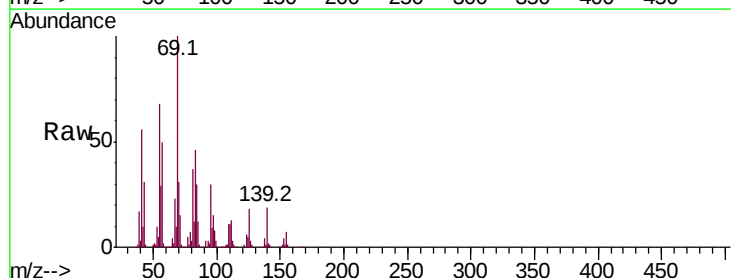
Ion Ratio Lower Upper

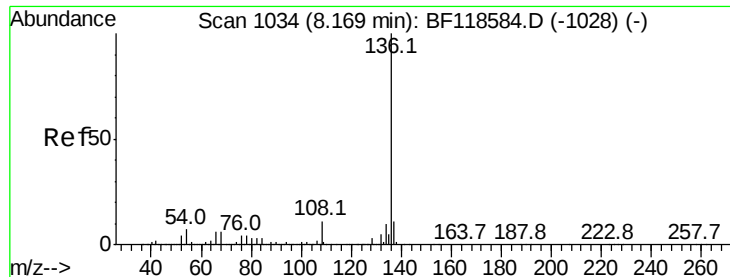
70 100

42 31.0 43.4 65.0#

101 0.0 8.1 12.1#

130 0.0 17.6 26.4#



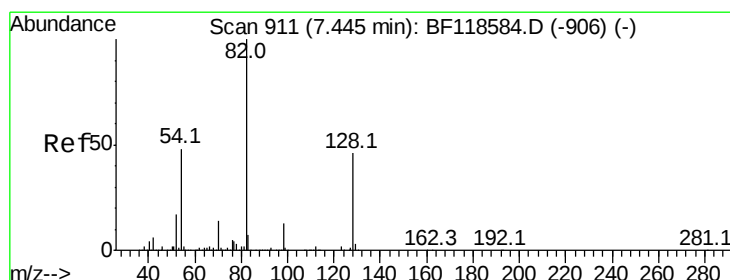
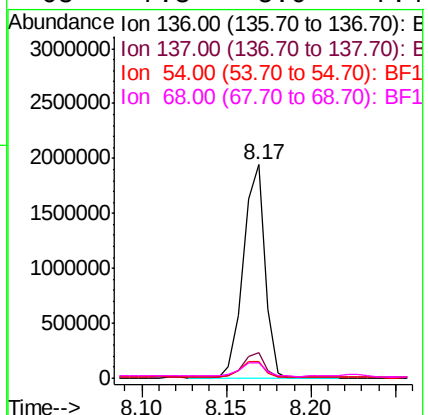
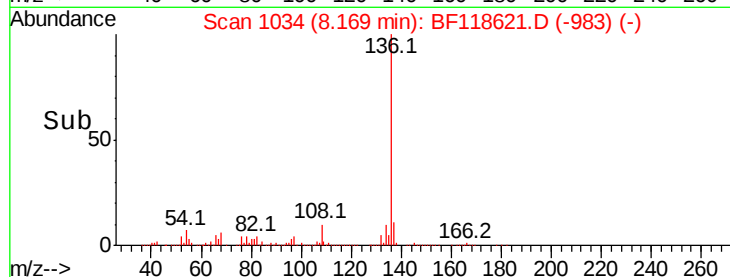
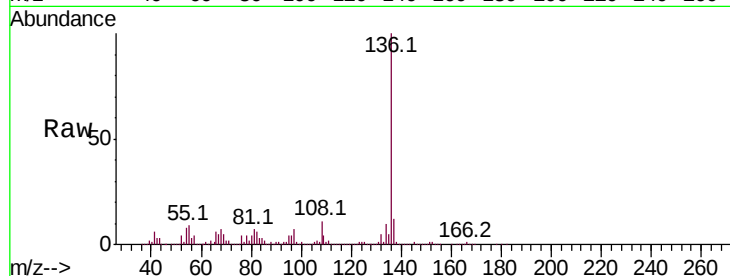


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BF118621.D
Acq: 21 Jan 2020 6:40

Instrument :
BNA_F
ClientSampled :

Tot Ion:136 Resp: 1744410

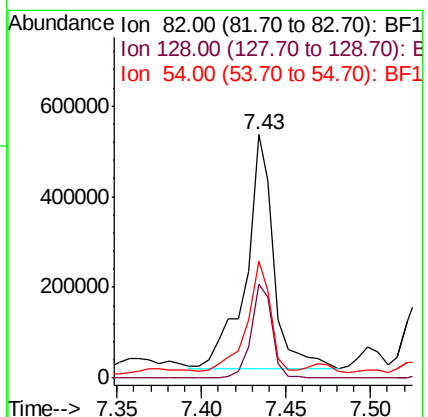
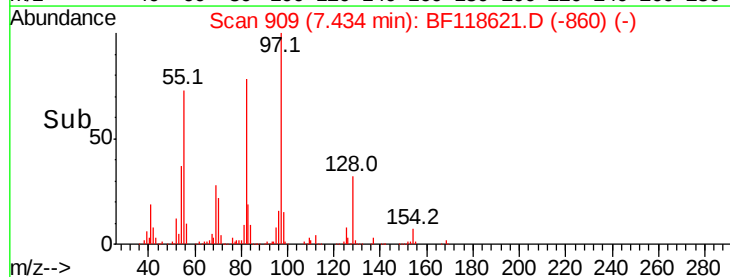
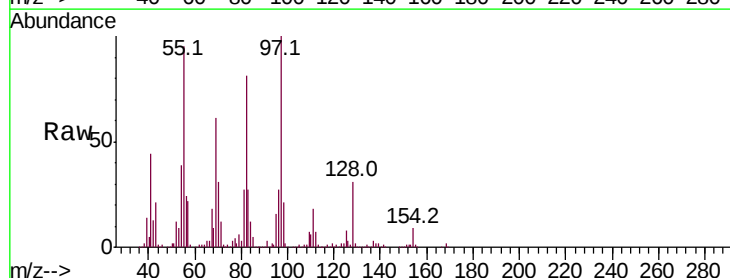
Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.1	13.7
54	7.5	5.8	8.6
68	7.3	5.0	7.4

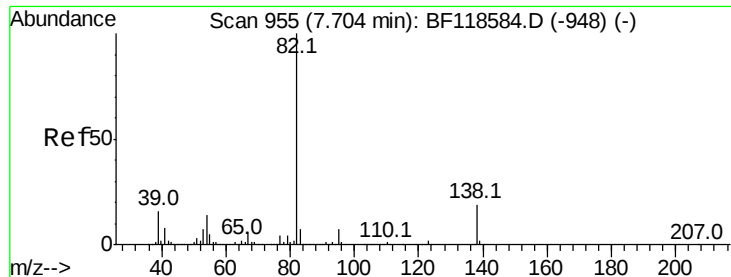


#23
Nitrobenzene-d5
Concen: 19.198 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF118621.D
Acq: 21 Jan 2020 6:40

Tgt Ion: 82 Resp: 598742

Ion	Ratio	Lower	Upper
82	100		
128	38.3	36.6	54.8
54	48.0	38.0	57.0





#25

Isophorone

Concen: 3.049 ng

RT: 7.70 min Scan# 954

Delta R.T. -0.01 min

Lab File: BF118621.D

Acq: 21 Jan 2020 6:40

Instrument :

BNA_F

ClientSampleId :

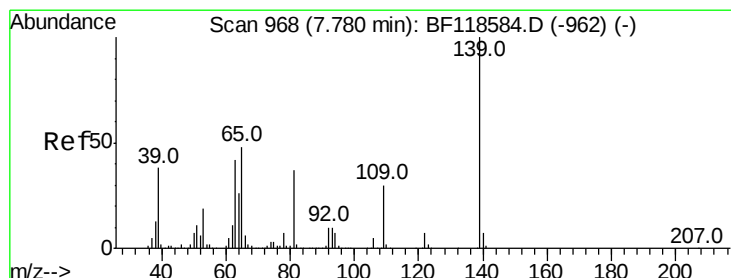
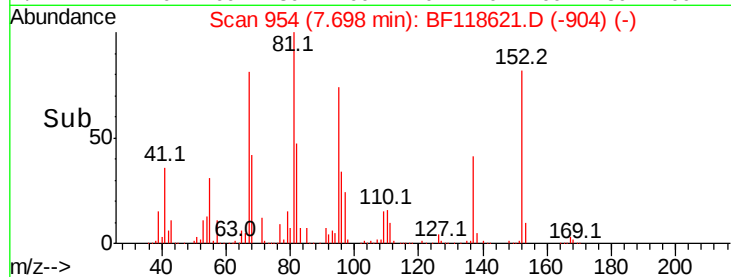
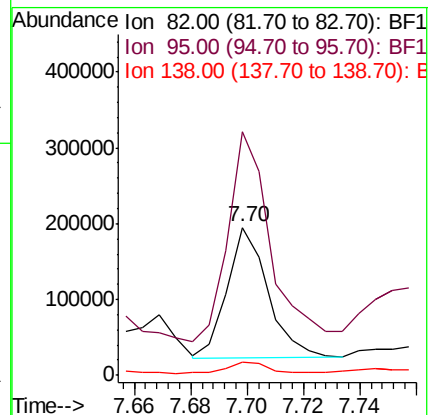
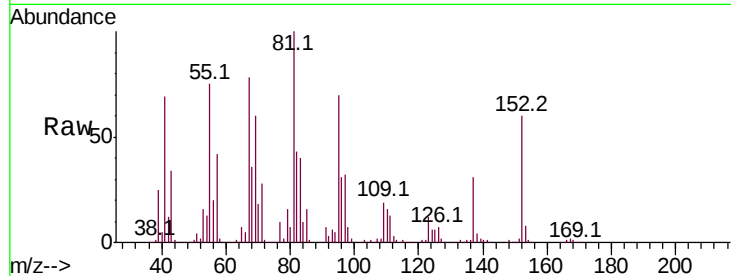
Tot Ion: 82 Resp: 173439

Ion Ratio Lower Upper

82 100

95 164.7 5.9 8.9#

138 9.2 15.3 22.9#



#26

2-Nitrophenol

Concen: 2.289 ng

RT: 7.79 min Scan# 970

Delta R.T. 0.01 min

Lab File: BF118621.D

Acq: 21 Jan 2020 6:40

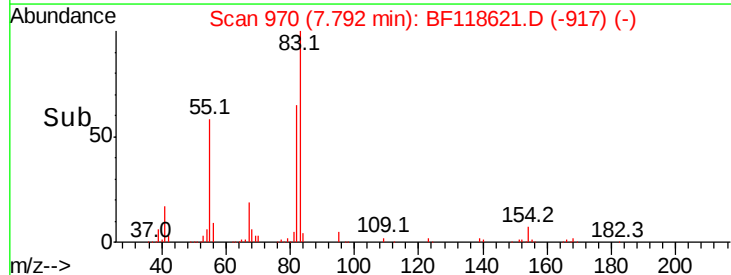
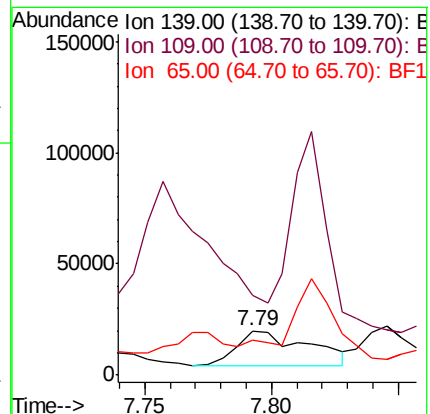
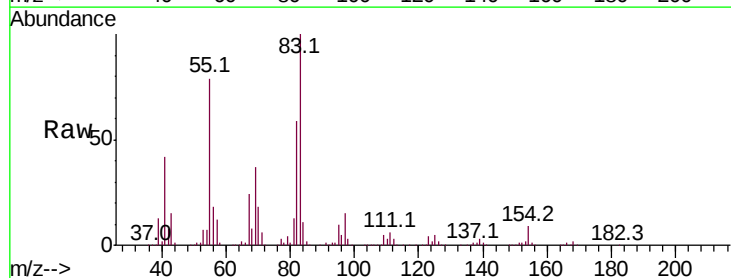
Tgt Ion: 139 Resp: 31176

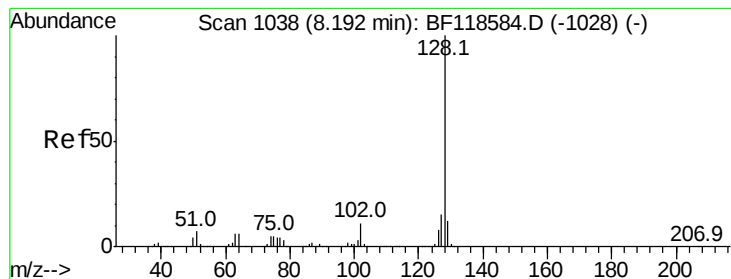
Ion Ratio Lower Upper

139 100

109 182.5 23.8 35.8#

65 79.4 38.5 57.7#





#31

Naphthalene

Concen: 5.816 ng

RT: 8.19 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF118621.D

Acq: 21 Jan 2020 6:40

Instrument :

BNA_F

ClientSampleId :

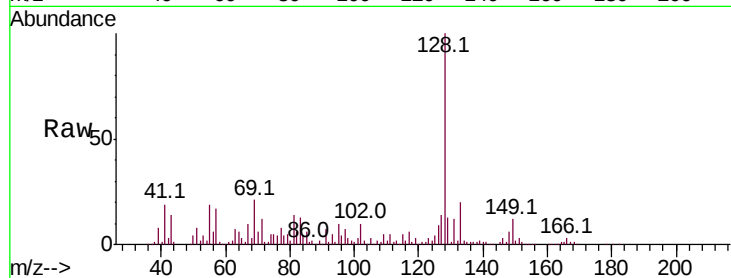
Tot Ion:128 Resp: 458342

Ion Ratio Lower Upper

128 100

129 12.8 9.9 14.9

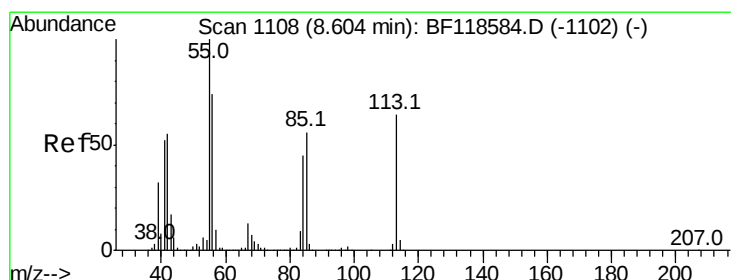
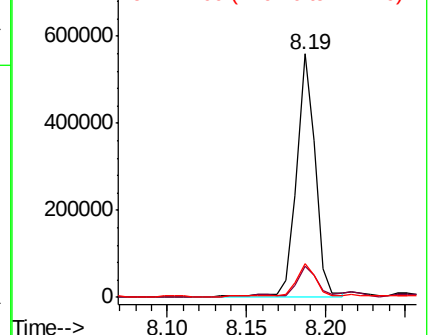
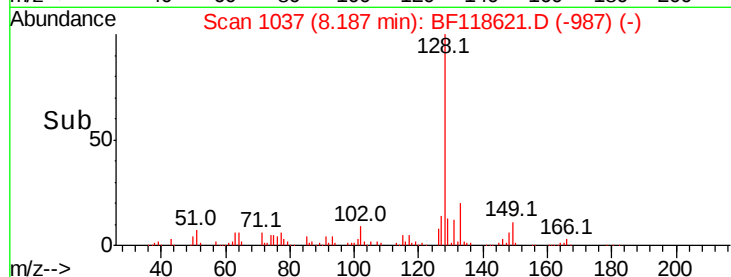
127 14.1 12.0 18.0



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



#35

Caprolactam

Concen: 5.412 ng

RT: 8.60 min Scan# 1107

Delta R.T. -0.01 min

Lab File: BF118621.D

Acq: 21 Jan 2020 6:40

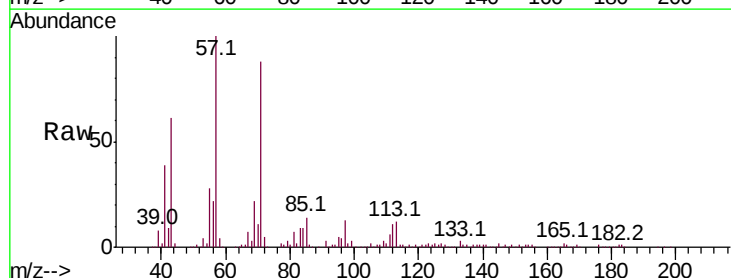
Tgt Ion:113 Resp: 46037

Ion Ratio Lower Upper

113 100

55 232.5 136.1 176.1#

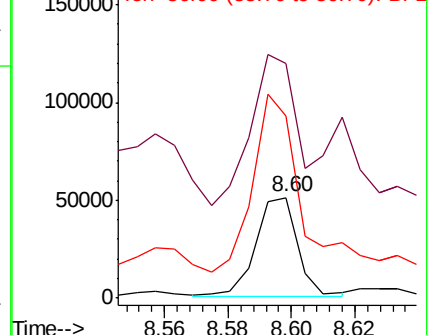
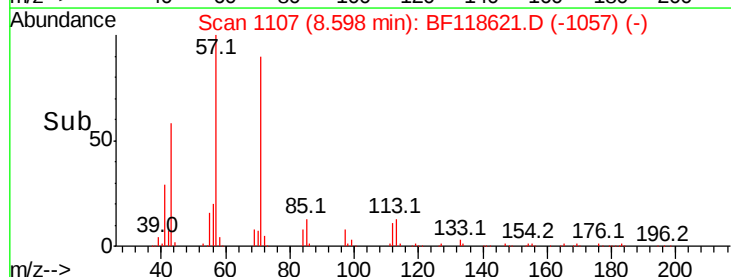
56 180.8 95.2 135.2#

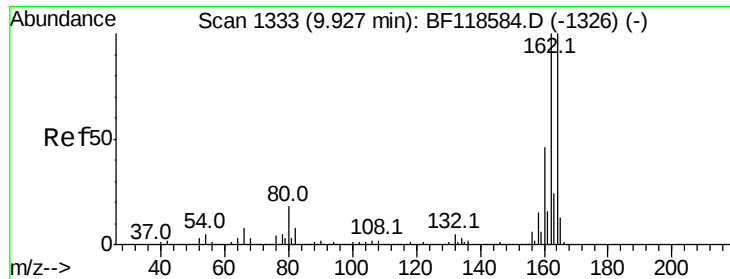


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1

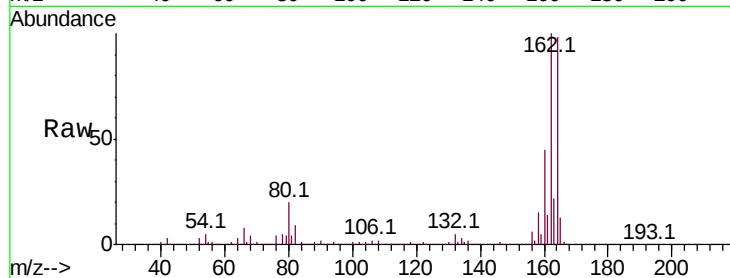




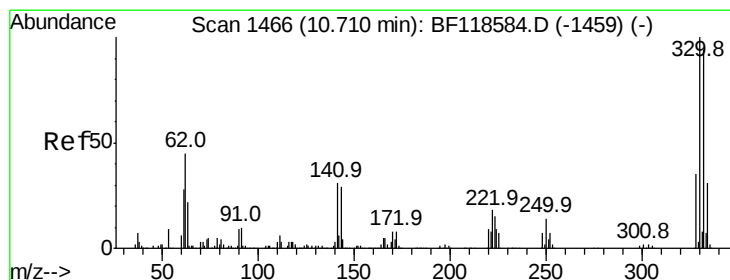
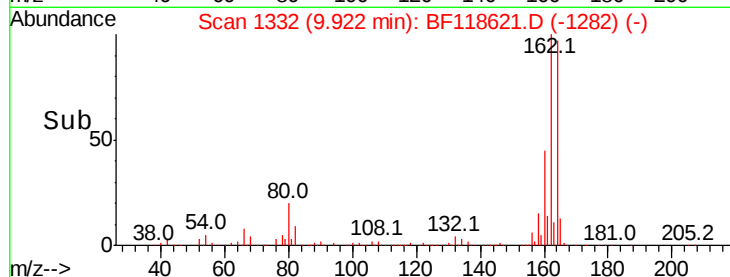
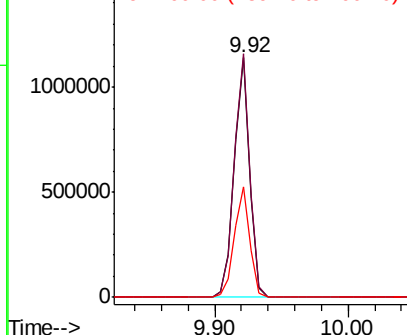
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. -0.01 min
 Lab File: BF118621.D
 Acq: 21 Jan 2020 6:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 933537
 Ion Ratio Lower Upper
 164 100
 162 101.8 80.4 120.6
 160 46.2 36.6 55.0

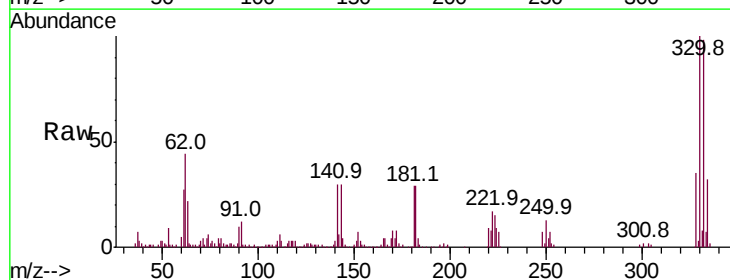


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

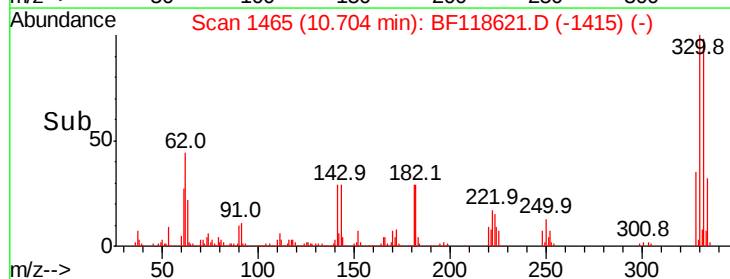
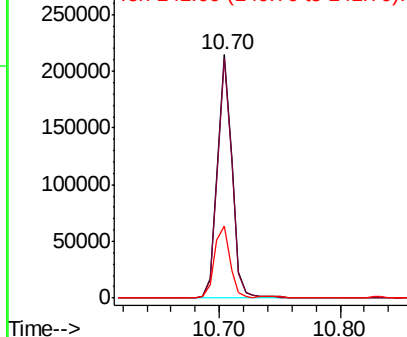


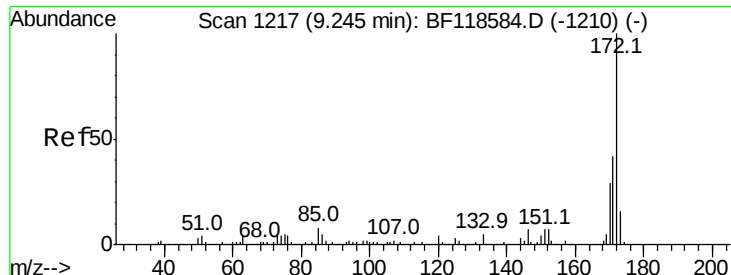
#42
 2,4,6-Tribromophenol
 Concen: 16.386 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF118621.D
 Acq: 21 Jan 2020 6:40

Tgt Ion:330 Resp: 176928
 Ion Ratio Lower Upper
 330 100
 332 97.3 76.2 114.4
 141 32.7 23.9 35.9



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

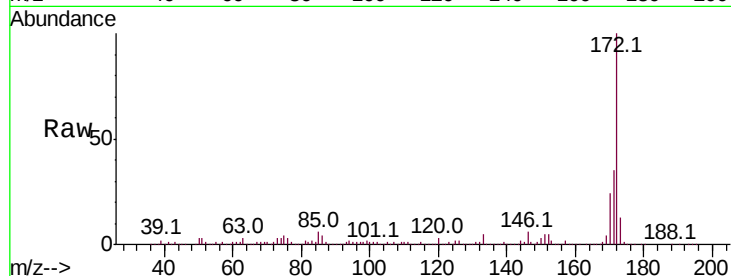




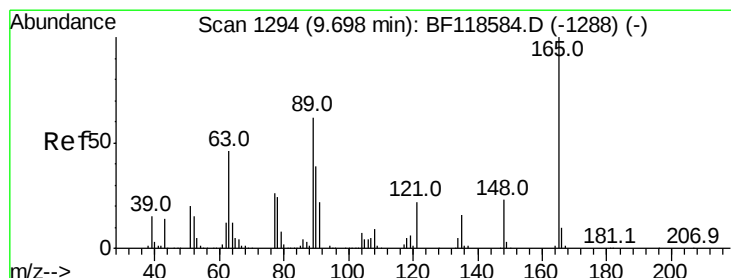
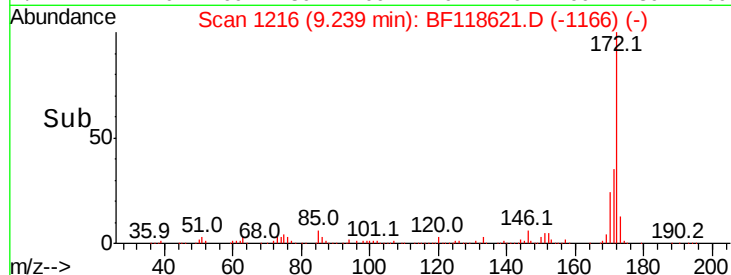
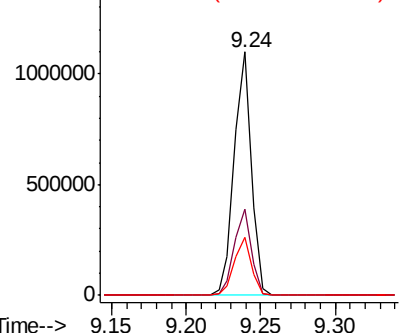
#45
2-Fluorobiphenyl
Concen: 15.454 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF118621.D
Acq: 21 Jan 2020 6:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 877734
Ion Ratio Lower Upper
172 100
171 35.5 33.4 50.2
170 23.7 23.2 34.8

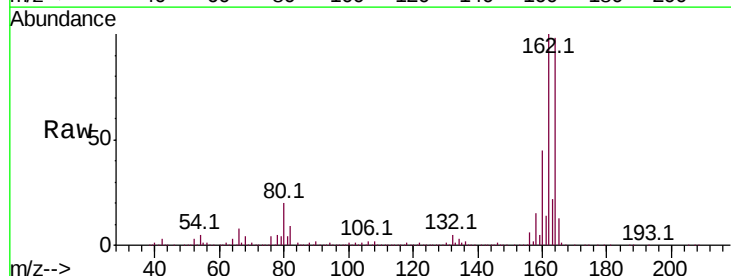


Abundance Ion 172.00 (171.70 to 172.70): E
1500000 Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

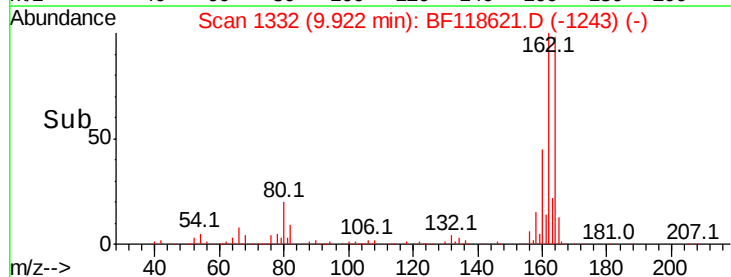
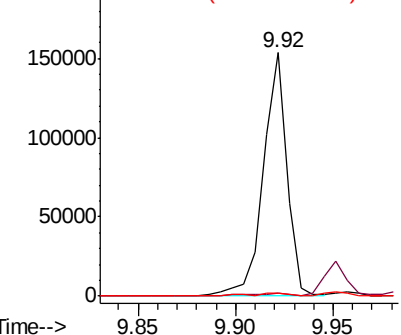


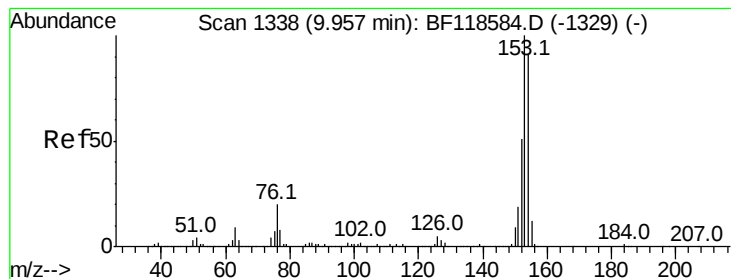
#51
2,6-Dinitrotoluene
Concen: 9.383 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.22 min
Lab File: BF118621.D
Acq: 21 Jan 2020 6:40

Tgt Ion:165 Resp: 127791
Ion Ratio Lower Upper
165 100
63 1.0 48.9 73.3#
89 1.4 49.8 74.6#



Abundance Ion 165.00 (164.70 to 165.70): E
200000 Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1





#52

Acenaphthene

Concen: 4.151 ng

RT: 9.95 min Scan# 1337

Delta R.T. -0.01 min

Lab File: BF118621.D

Acq: 21 Jan 2020 6:40

Instrument :

BNA_F

ClientSampleId :

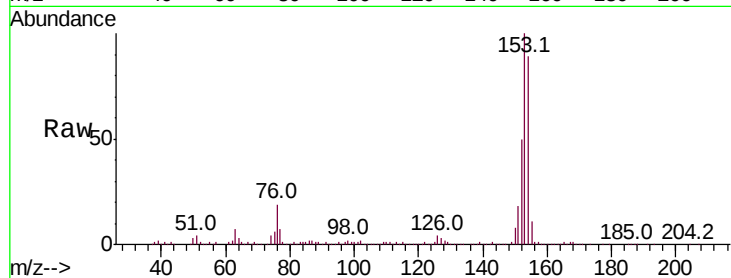
Tot Ion:154 Resp: 211781

Ion Ratio Lower Upper

154 100

153 112.2 87.6 131.4

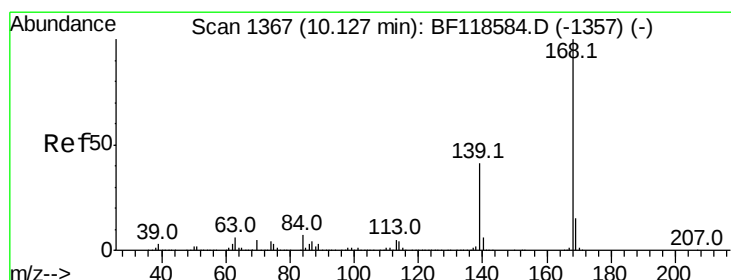
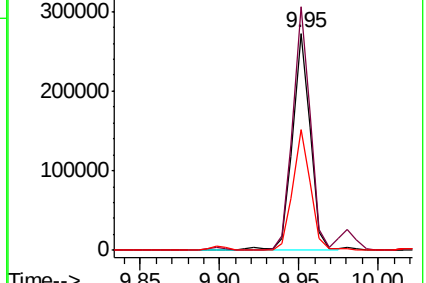
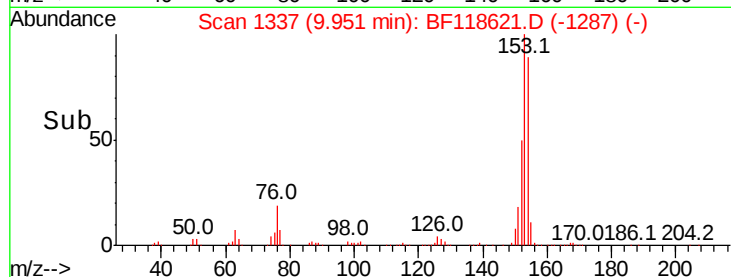
152 55.7 44.4 66.6



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: 3.400 ng

RT: 10.12 min Scan# 1366

Delta R.T. -0.01 min

Lab File: BF118621.D

Acq: 21 Jan 2020 6:40

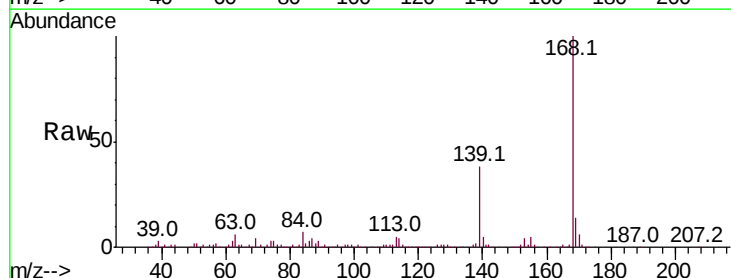
Tgt Ion:168 Resp: 240356

Ion Ratio Lower Upper

168 100

139 38.4 32.7 49.1

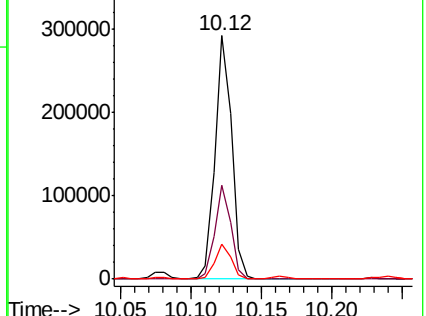
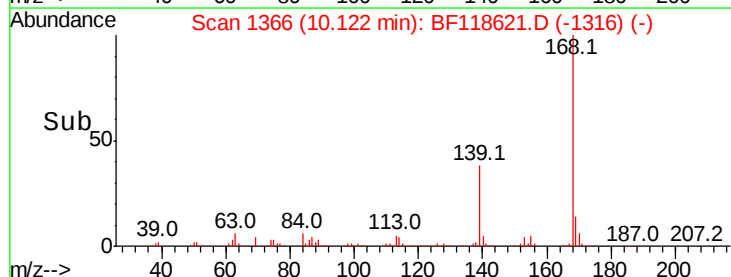
169 14.3 12.2 18.2

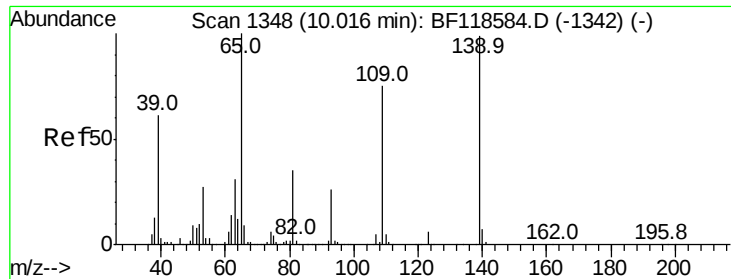


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#56

4-Nitrophenol

Concen: 7.645 ng

RT: 10.12 min Scan# 1366

Delta R.T. 0.11 min

Lab File: BF118621.D

Acq: 21 Jan 2020 6:40

Instrument :

BNA_F

ClientSampled :

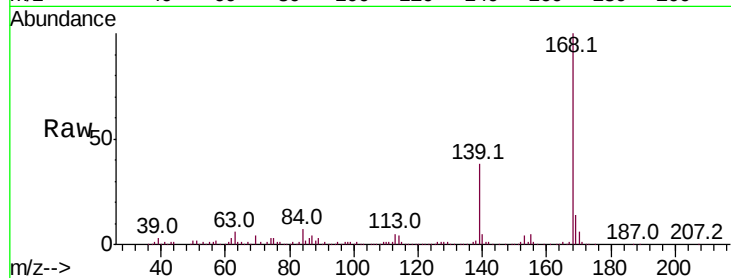
Tot Ion:139 Resp: 89752

Ion Ratio Lower Upper

139 100

109 2.1 56.0 96.0#

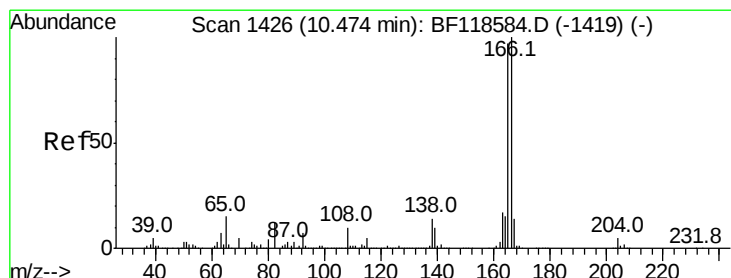
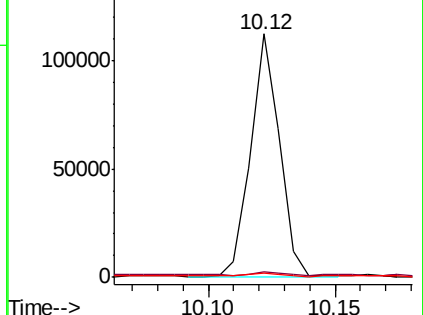
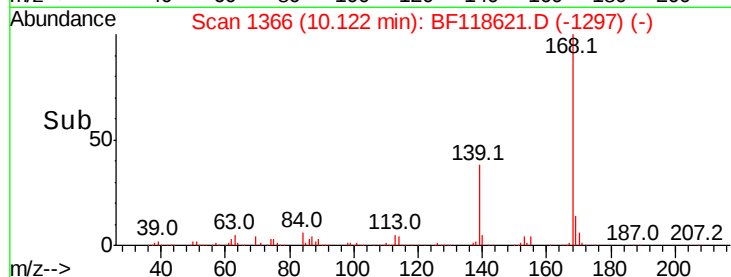
65 1.6 81.4 121.4#



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: 4.866 ng

RT: 10.47 min Scan# 1425

Delta R.T. -0.01 min

Lab File: BF118621.D

Acq: 21 Jan 2020 6:40

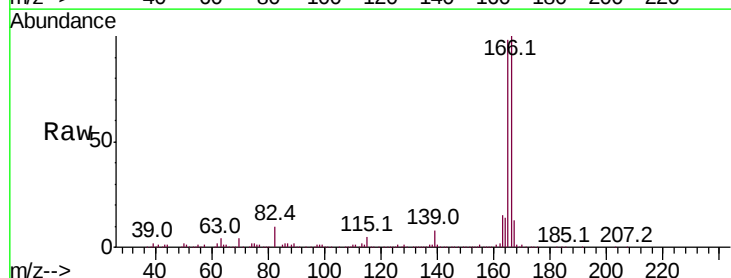
Tgt Ion:166 Resp: 270086

Ion Ratio Lower Upper

166 100

165 97.8 77.3 115.9

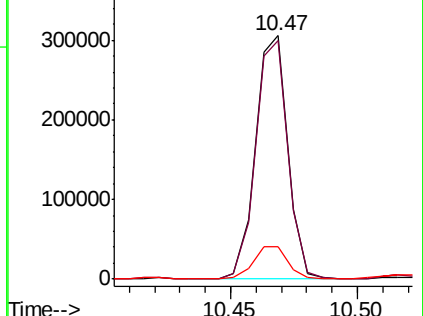
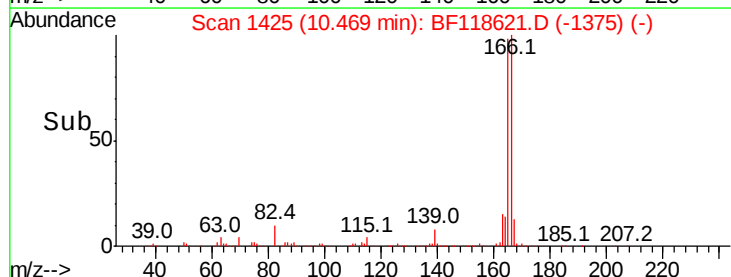
167 13.3 11.5 17.3

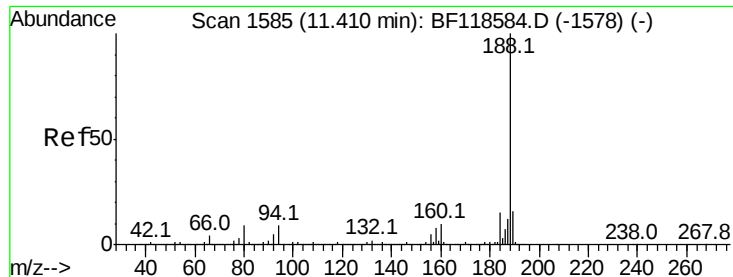


Abundance Ion 166.00 (165.70 to 166.70): E

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: 11.40 min Scan# 1584

Delta R.T. -0.01 min

Lab File: BF118621.D

Acq: 21 Jan 2020 6:40

Instrument :

BNA_F

ClientSampleId :

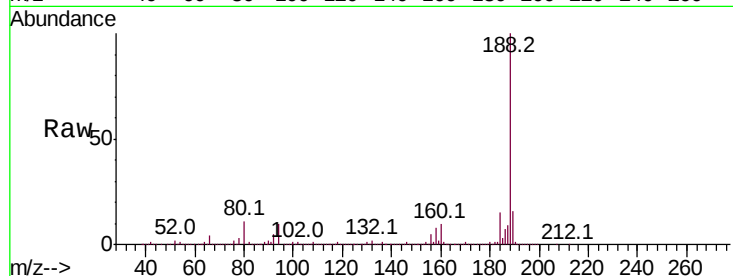
Tot Ion:188 Resp: 1502389

Ion Ratio Lower Upper

188 100

94 9.5 7.1 10.7

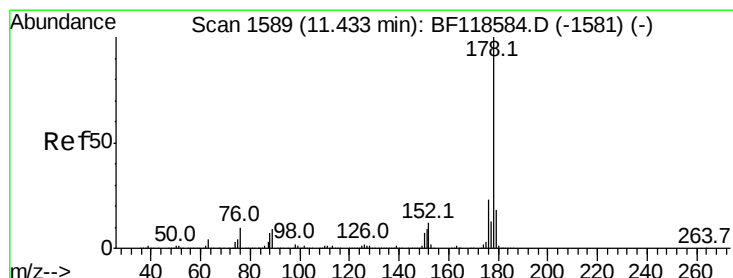
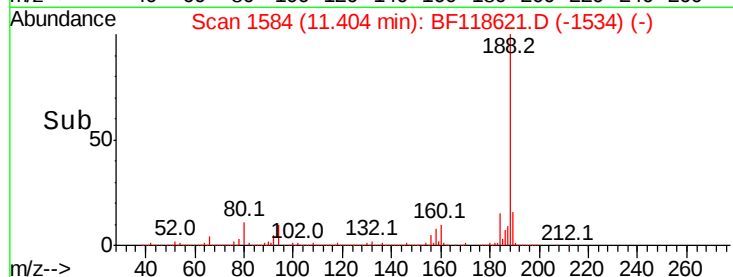
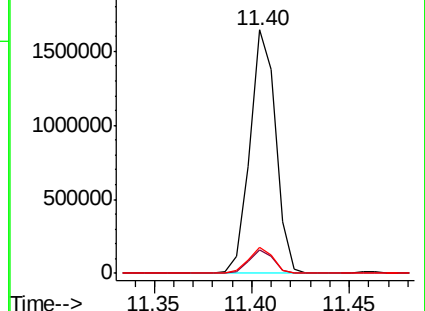
80 10.7 7.5 11.3



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: 27.295 ng

RT: 11.43 min Scan# 1589

Delta R.T. 0.00 min

Lab File: BF118621.D

Acq: 21 Jan 2020 6:40

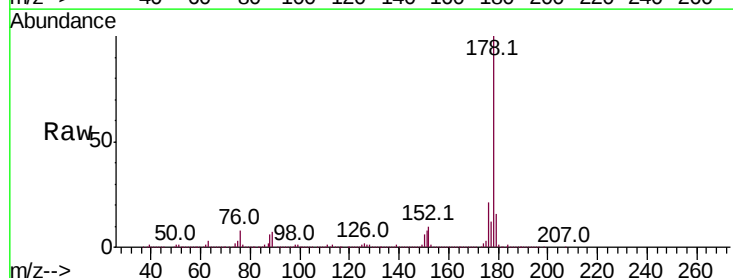
Tgt Ion:178 Resp: 1978355

Ion Ratio Lower Upper

178 100

176 20.9 18.6 27.8

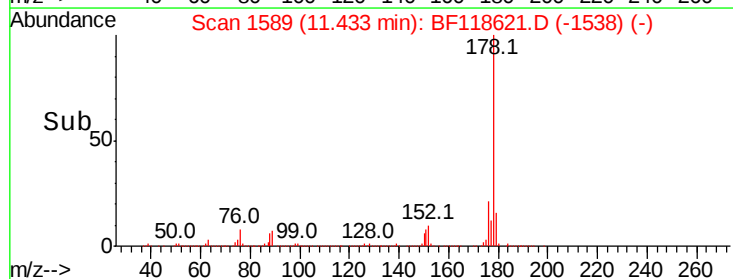
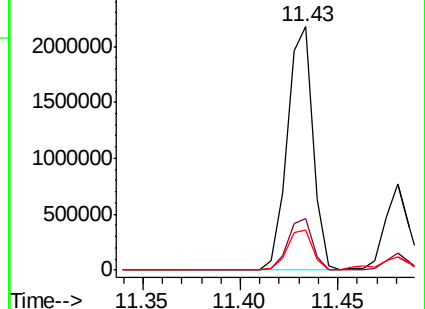
179 16.3 14.7 22.1

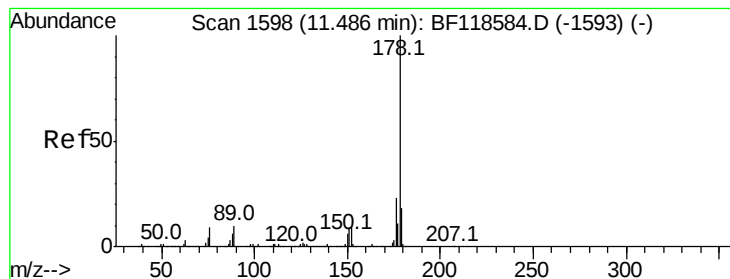


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Anthracene

Concen: 8.602 ng

RT: 11.48 min Scan# 1597

Delta R.T. -0.01 min

Lab File: BF118621.D

Acq: 21 Jan 2020 6:40

Instrument :

BNA_F

ClientSampleId :

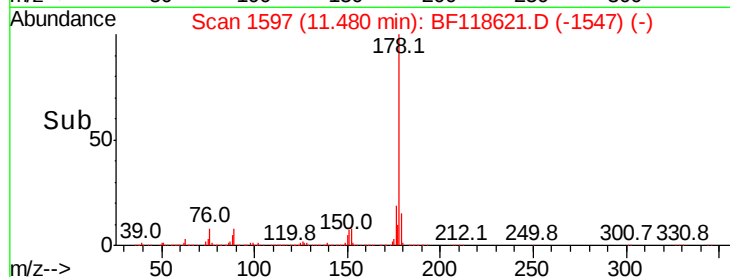
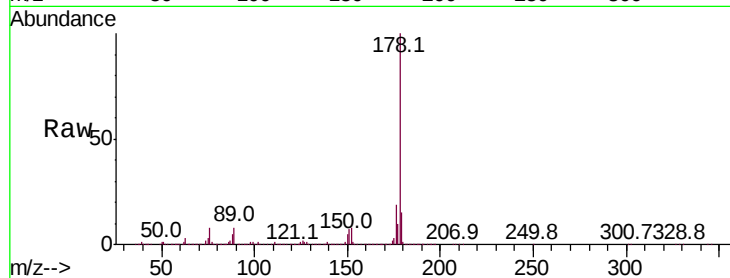
Tot Ion:178 Resp: 616904

Ion Ratio Lower Upper

178 100

176 19.2 18.0 27.0

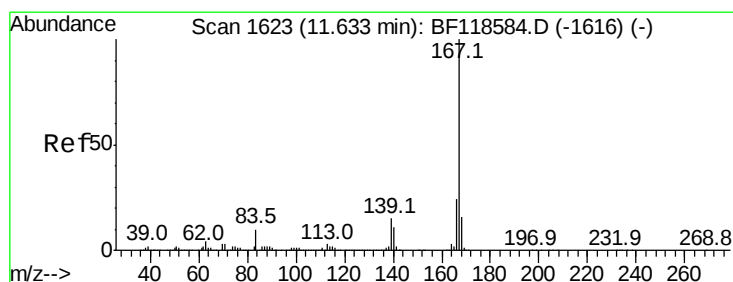
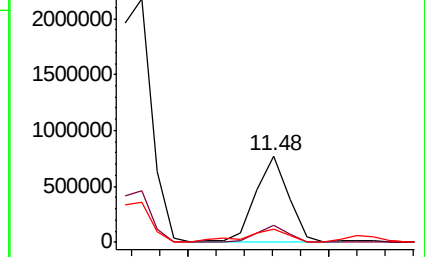
179 15.4 14.7 22.1



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: 3.669 ng

RT: 11.63 min Scan# 1622

Delta R.T. -0.01 min

Lab File: BF118621.D

Acq: 21 Jan 2020 6:40

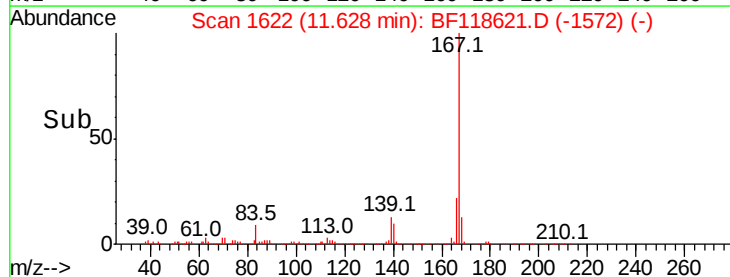
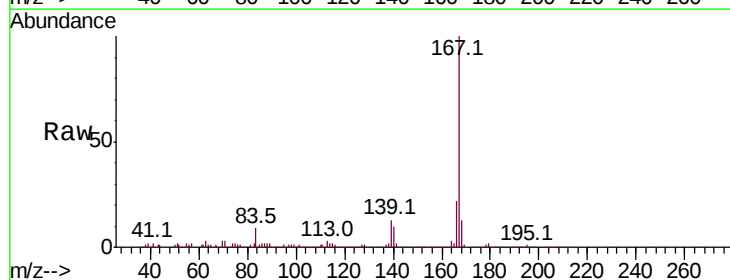
Tgt Ion:167 Resp: 241354

Ion Ratio Lower Upper

167 100

166 22.1 19.4 29.2

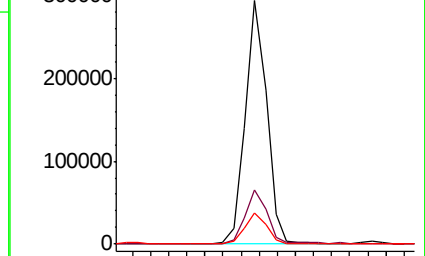
139 13.0 11.7 17.5

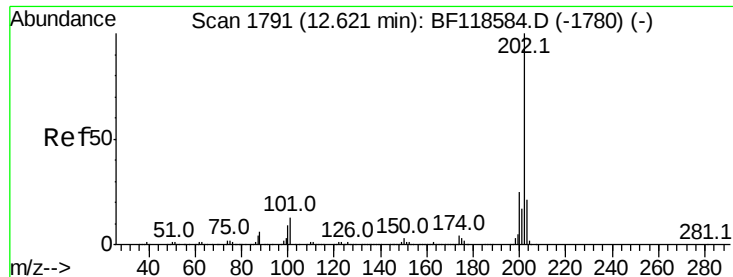


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#75

Fluoranthene

Concen: 22.494 ng

RT: 12.62 min Scan# 1791

Delta R.T. 0.00 min

Lab File: BF118621.D

Acq: 21 Jan 2020 6:40

Instrument :

BNA_F

ClientSampleId :

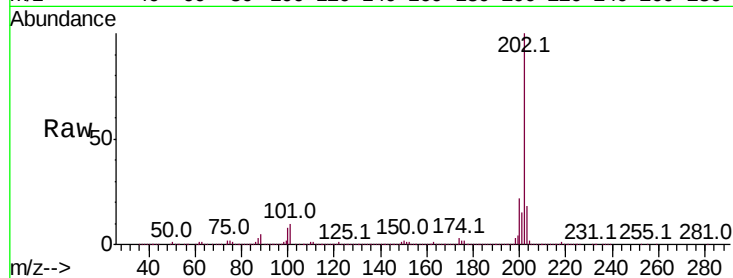
Tot Ion:202 Resp: 1719627

Ion Ratio Lower Upper

202 100

101 9.9 0.0 32.5

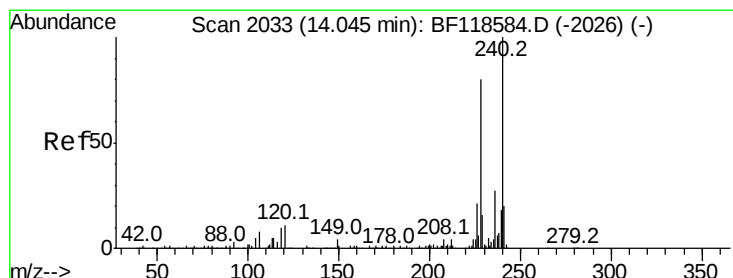
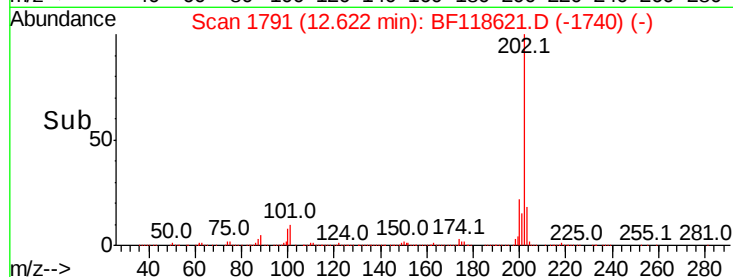
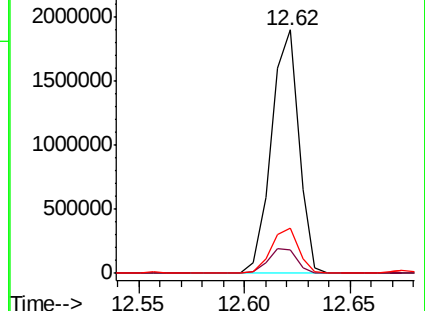
203 18.4 0.8 40.8



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: 14.05 min Scan# 2033

Delta R.T. 0.00 min

Lab File: BF118621.D

Acq: 21 Jan 2020 6:40

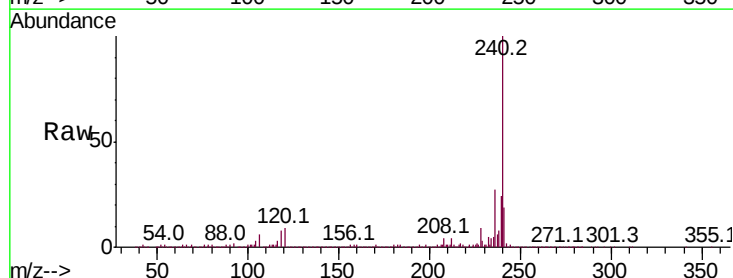
Tgt Ion:240 Resp: 993917

Ion Ratio Lower Upper

240 100

120 8.9 8.9 13.3

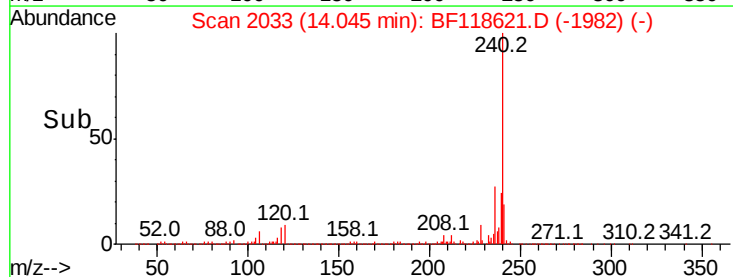
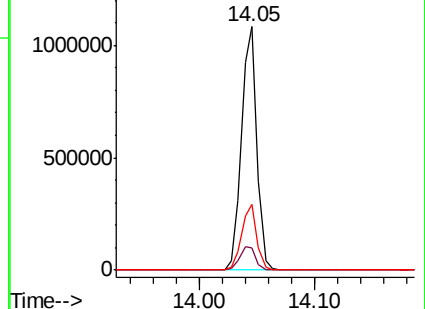
236 26.9 21.5 32.3

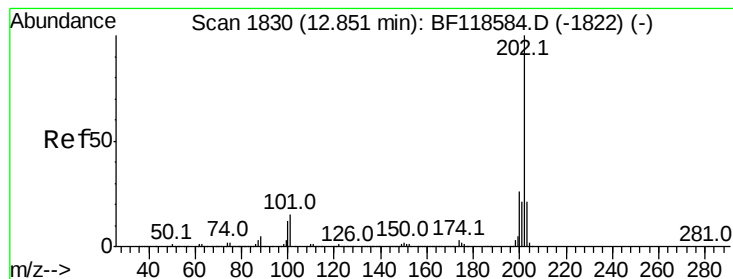


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Pvrene

Concen: 21.886 ng

RT: 12.85 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF118621.D

Acq: 21 Jan 2020 6:40

Instrument :

BNA_F

ClientSampleId :

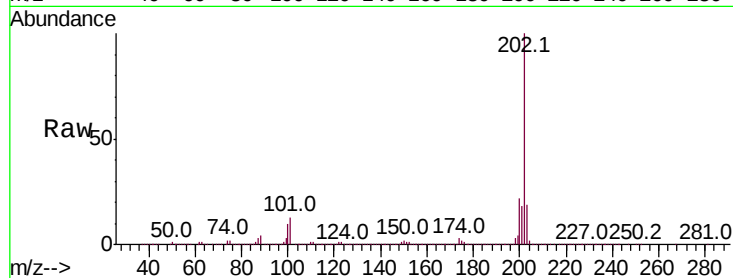
Tot Ion:202 Resp: 1476853

Ion	Ratio	Lower	Upper
202	100		
200	21.8	20.6	31.0
203	18.7	16.8	25.2

202 100

200 21.8 20.6 31.0

203 18.7 16.8 25.2

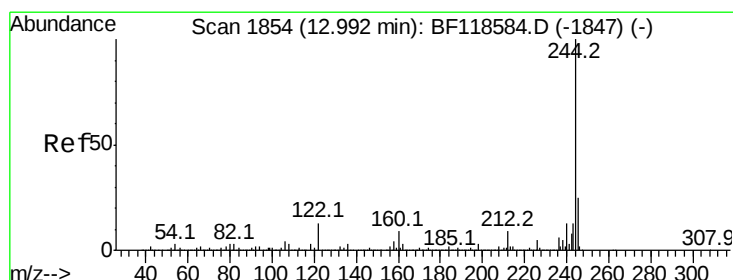
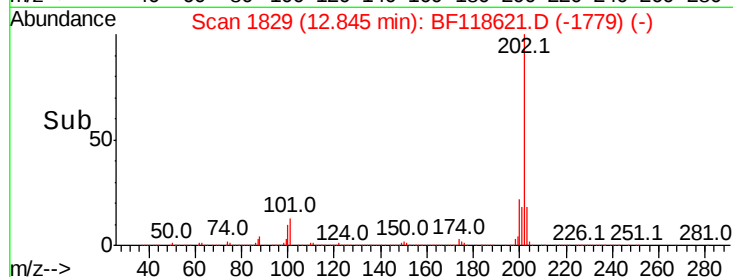
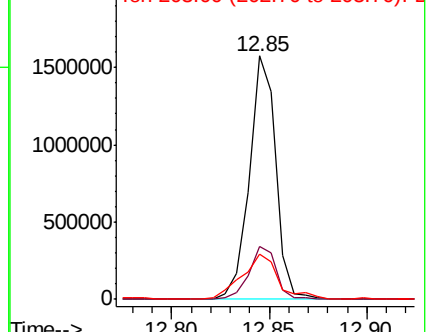


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79

Terphenyl-d14

Concen: 17.957 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BF118621.D

Acq: 21 Jan 2020 6:40

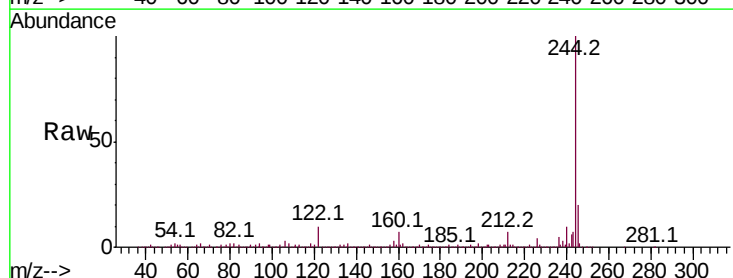
Tgt Ion:244 Resp: 818292

Ion	Ratio	Lower	Upper
244	100		
212	6.7	7.0	10.4#
122	9.8	10.7	16.1#

244 100

212 6.7 7.0 10.4#

122 9.8 10.7 16.1#

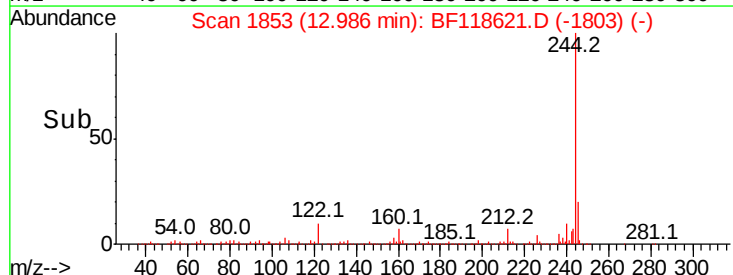
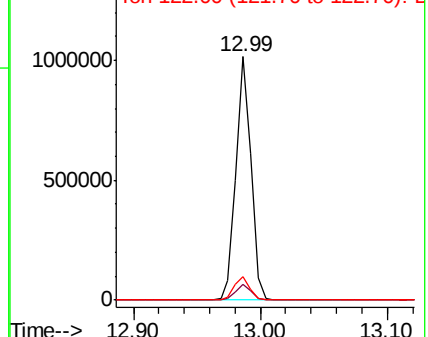


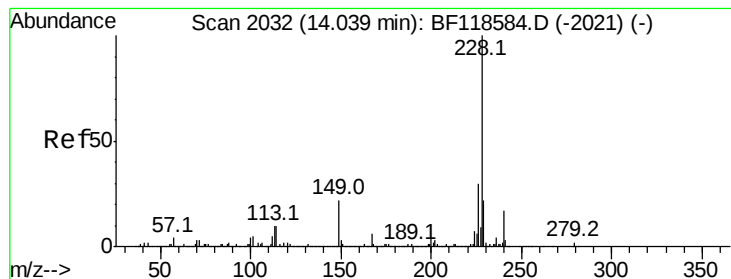
Abundance

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: 10.409 ng

RT: 14.03 min Scan# 2031

Delta R.T. -0.01 min

Lab File: BF118621.D

Acq: 21 Jan 2020 6:40

Instrument :

BNA_F

ClientSampleId :

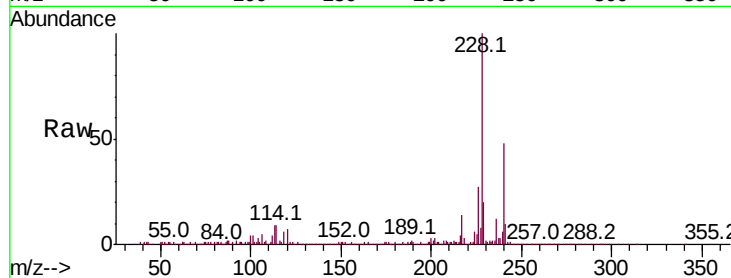
Tot Ion:228 Resp: 622364

Ion Ratio Lower Upper

228 100

226 27.3 24.1 36.1

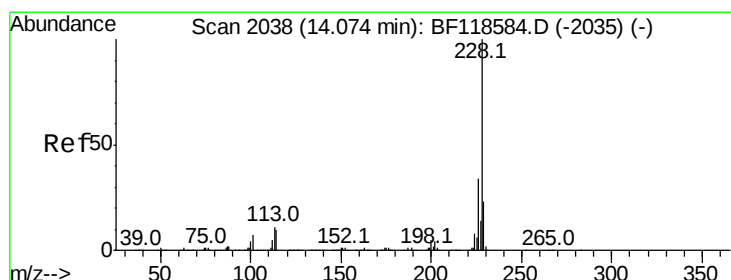
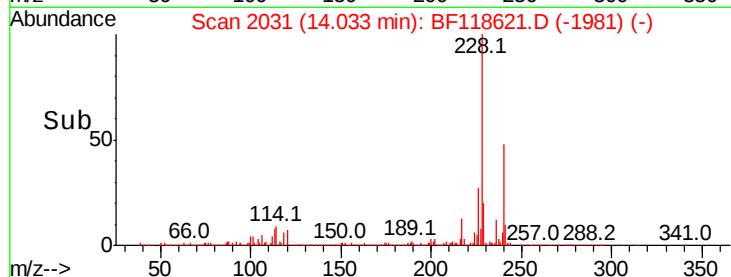
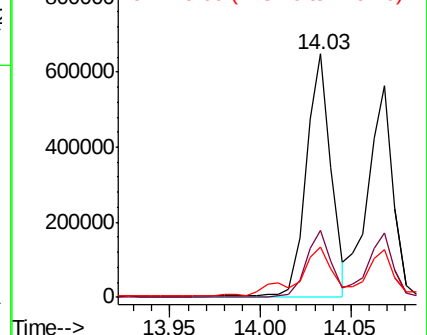
229 20.4 17.6 26.4



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: 8.810 ng

RT: 14.07 min Scan# 2037

Delta R.T. -0.01 min

Lab File: BF118621.D

Acq: 21 Jan 2020 6:40

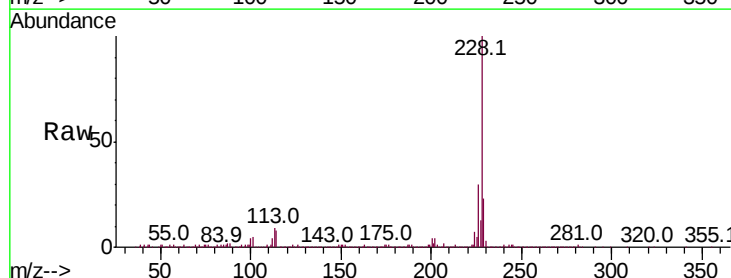
Tgt Ion:228 Resp: 504860

Ion Ratio Lower Upper

228 100

226 30.3 27.4 41.0

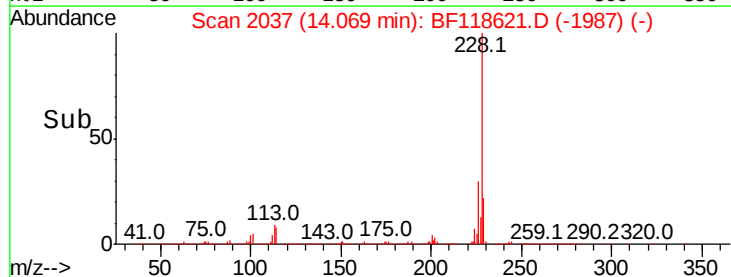
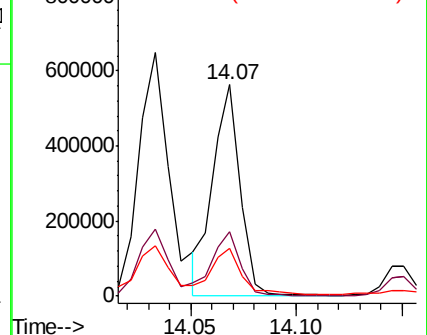
229 22.5 18.3 27.5

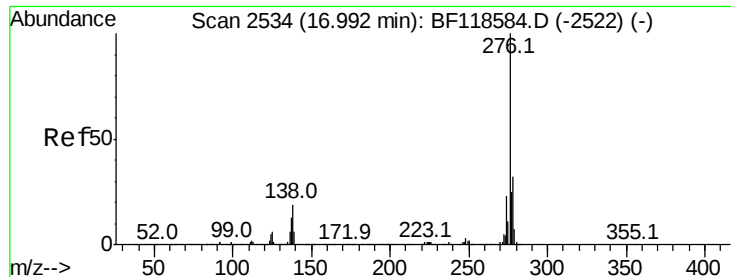


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#86

Indeno(1,2,3-cd)pyrene

Concen: 5.174 ng

RT: 16.99 min Scan# 2533

Delta R.T. -0.01 min

Lab File: BF118621.D

Acq: 21 Jan 2020 6:40

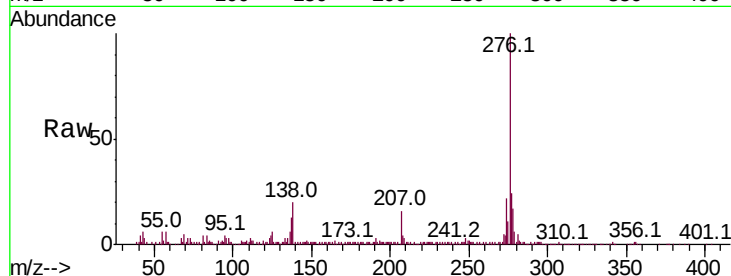
Instrument :

BNA_F

ClientSampleId :

Tot Ion:276 Resp: 257619

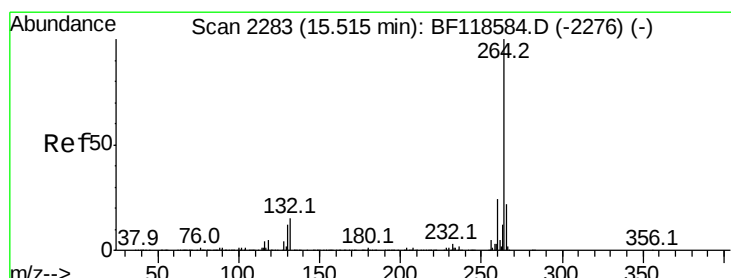
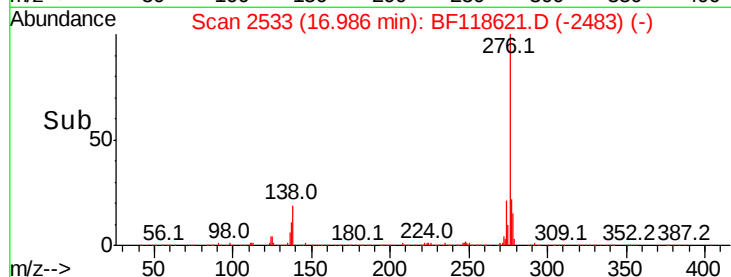
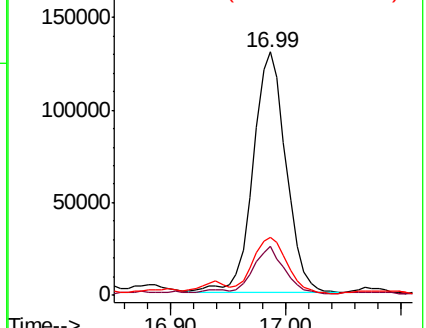
Ion	Ratio	Lower	Upper
276	100		
138	20.1	17.2	25.8
277	24.2	20.5	30.7



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.52 min Scan# 2283

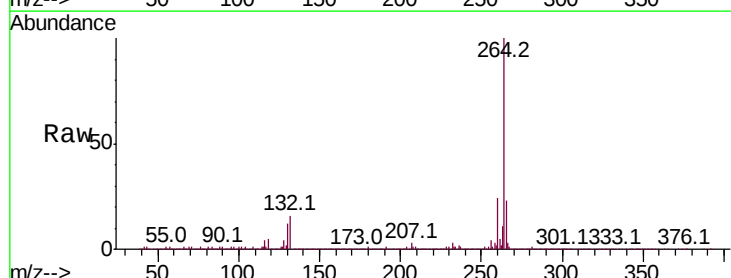
Delta R.T. 0.00 min

Lab File: BF118621.D

Acq: 21 Jan 2020 6:40

Tgt Ion:264 Resp: 1032851

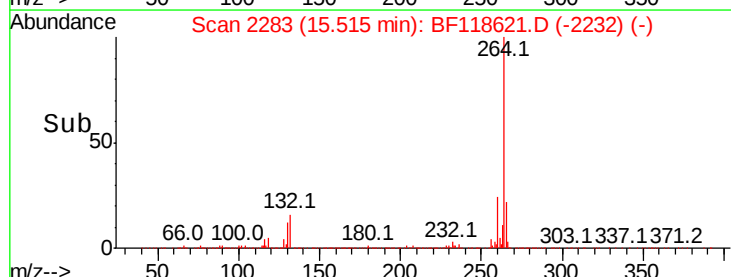
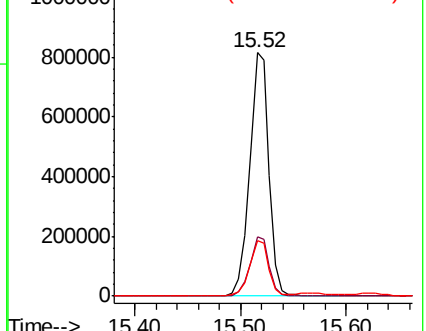
Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.6	29.4
265	22.6	17.7	26.5

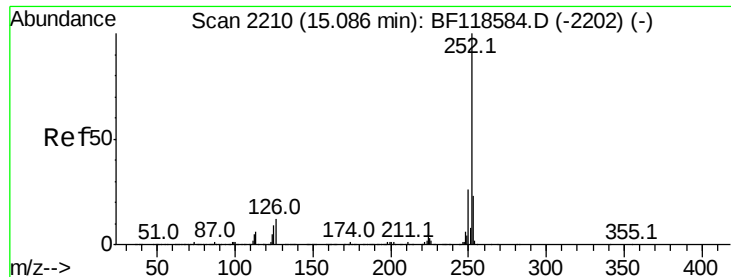


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#88

Benzo(b)fluoranthene

Concen: 13.083 ng

RT: 15.09 min Scan# 2210

Delta R.T. 0.00 min

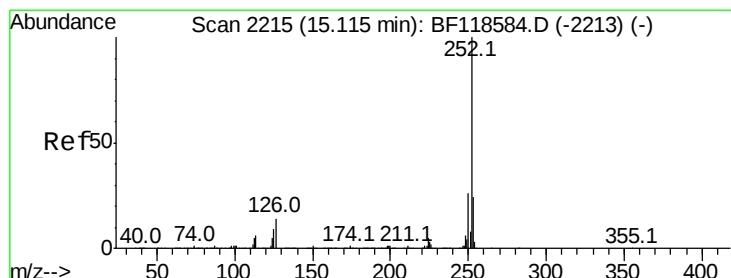
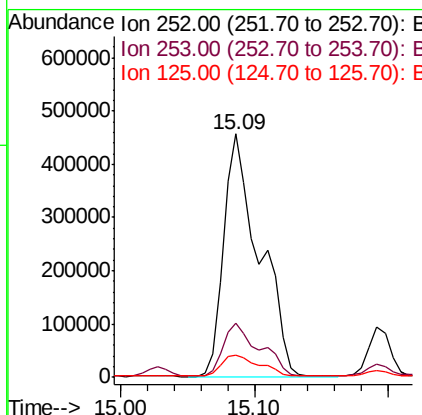
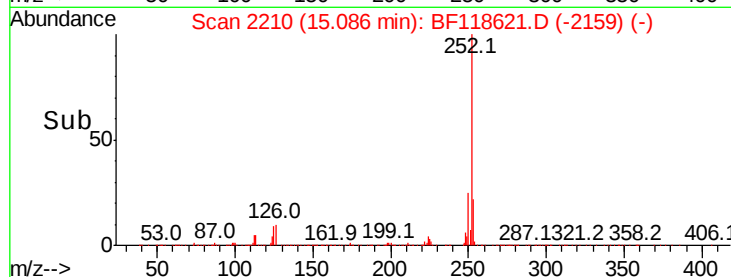
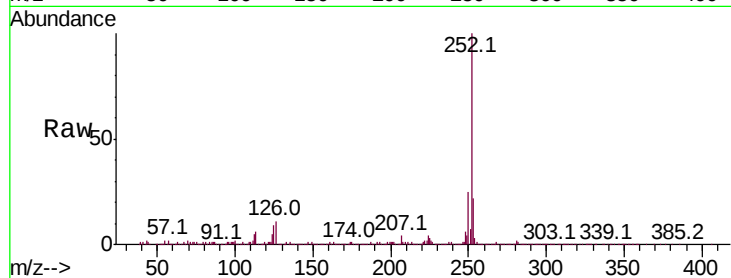
Lab File: BF118621.D

Acq: 21 Jan 2020 6:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 849398

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.7	28.1
125	9.2	7.3	10.9



#89

Benzo(k)fluoranthene

Concen: 14.122 ng

RT: 15.09 min Scan# 2210

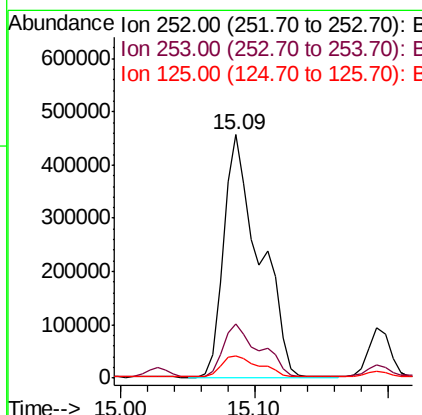
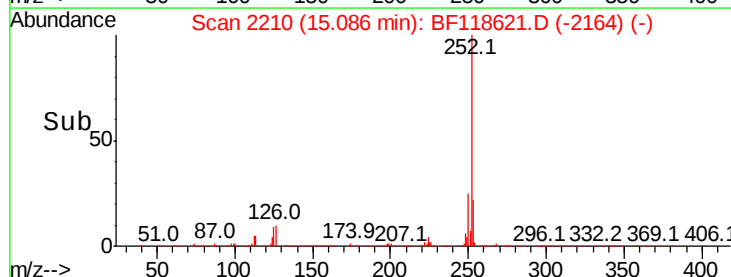
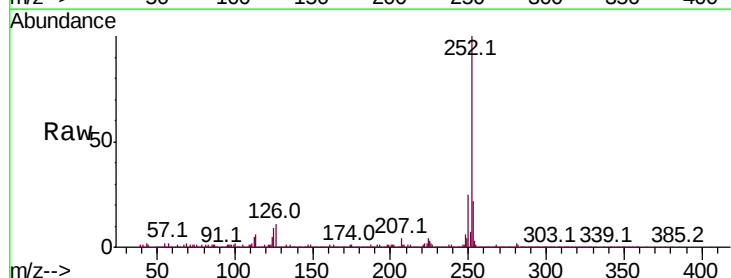
Delta R.T. -0.03 min

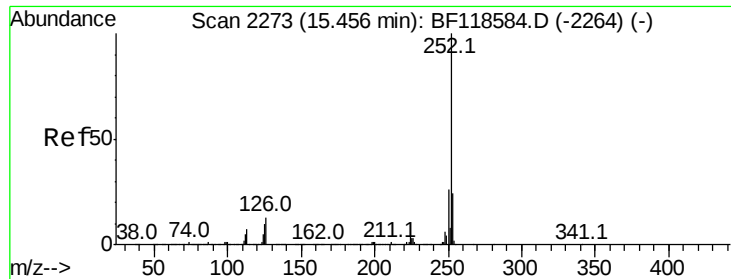
Lab File: BF118621.D

Acq: 21 Jan 2020 6:40

Tgt Ion:252 Resp: 849398

Ion	Ratio	Lower	Upper
252	100		
253	22.4	19.0	28.4
125	9.2	7.6	11.4

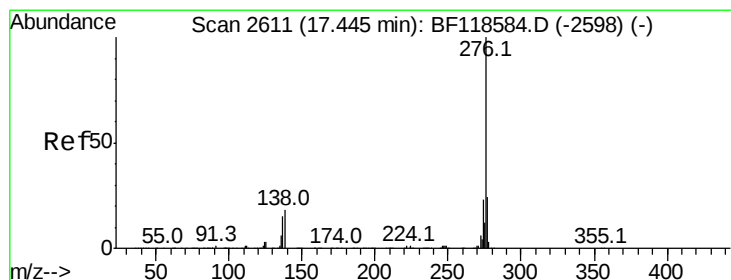
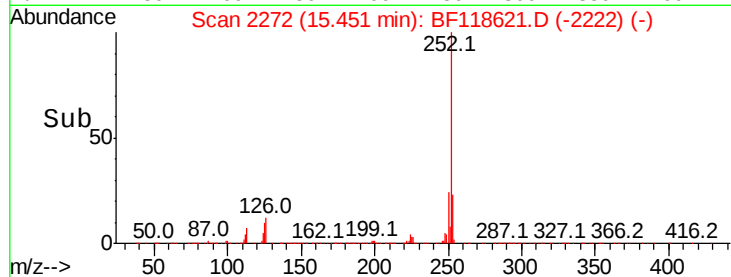
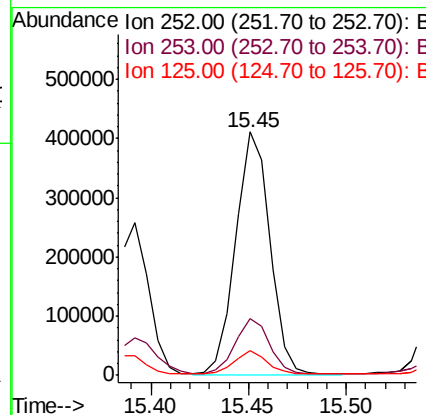
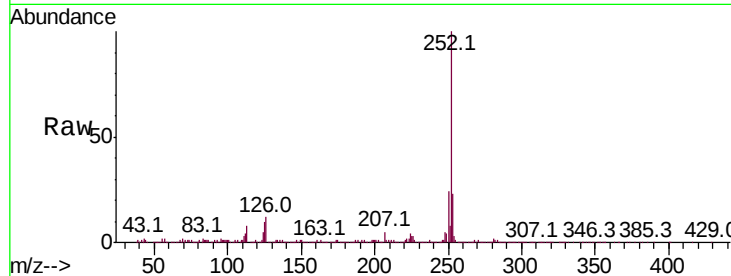




#90
Benzo(a)pyrene
Concen: 8.910 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BF118621.D
Acq: 21 Jan 2020 6:40

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.8	28.2
125	10.3	7.8	11.6



#92
Benzo(g,h,i)perylene
Concen: 4.845 ng
RT: 17.43 min Scan# 2609
Delta R.T. -0.01 min
Lab File: BF118621.D
Acq: 21 Jan 2020 6:40

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.9	28.3
138	18.4	14.4	21.6

