

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111918\
 Data File : BF110851.D
 Acq On : 19 Nov 2018 14:24
 Operator : JU/SJ
 Sample : J5977-12 10X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 19 15:30:32 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 12:43:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	65420	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	277920	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	125062	20.00	ng	-0.01
64) Phenanthrene-d10	11.47	188	205304	20.00	ng	-0.01
76) Chrysene-d12	14.13	240	148871	20.00	ng	-0.01
87) Perylene-d12	15.66	264	156795	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.57	112	35649	8.85	ng	0.00
7) Phenol-d6	6.57	99	48469	9.41	ng	0.00
23) Nitrobenzene-d5	7.52	82	29996	6.22	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	10059	7.98	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	60621	6.92	ng	-0.01
79) Terphenyl-d14	13.06	244	40592	5.11	ng	-0.01

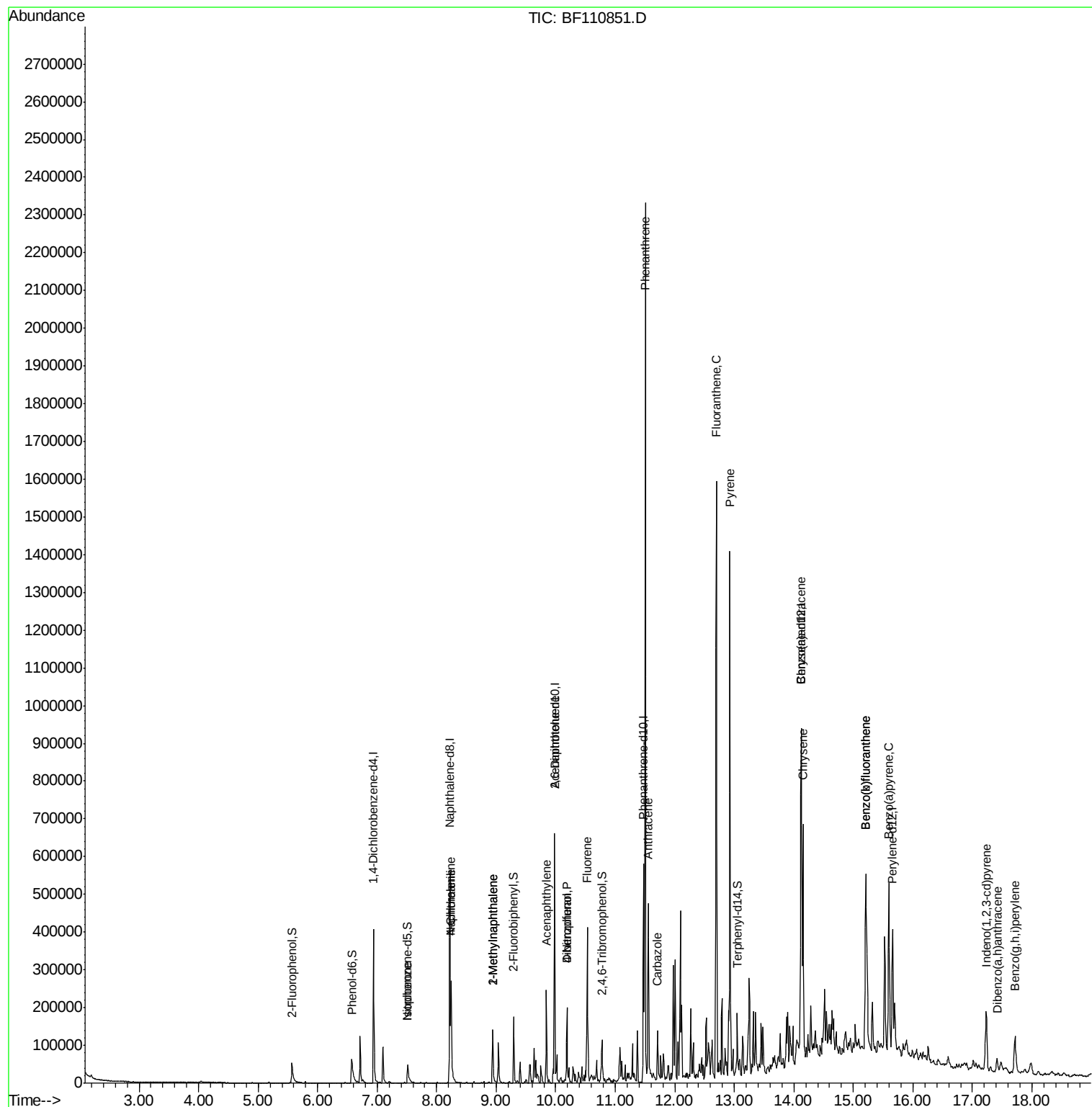
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.71	77	782	Below Cal		# 68
25) Isophorone	7.52	82	29996	3.792	ng	# 67
31) Naphthalene	8.25	128	141152	10.819	ng	# 99
33) 4-Chloroaniline	8.25	127	17521	2.965	ng	# 32
37) 2-Methylnaphthalene	8.94	142	50897	5.951	ng	# 96
38) 1-Methylnaphthalene	8.94	142	50897	6.188	ng	# 100
49) Acenaphthylene	9.85	152	111357	9.200	ng	# 99
51) 2,6-Dinitrotoluene	9.98	165	18136	8.835	ng	# 22
55) Dibenzofuran	10.19	168	77455	6.921	ng	# 97
56) 4-Nitrophenol	10.19	139	30273	19.187	ng	# 7
58) Fluorene	10.53	166	138683	16.133	ng	# 100
71) Phenanthrene	11.50	178	836216	76.026	ng	# 100
72) Anthracene	11.55	178	194153	17.498	ng	# 99
73) Carbazole	11.71	167	45151	4.237	ng	# 98
75) Fluoranthene	12.70	202	608209	55.154	ng	# 99
78) Pyrene	12.93	202	566343	49.407	ng	# 99
81) Benzo(a)anthracene	14.12	228	274114	30.806	ng	# 95
83) Chrysene	14.16	228	235709	27.805	ng	# 98
86) Indeno(1,2,3-cd)pyrene	17.23	276	99096	16.290	ng	# 97
88) Benzo(b)fluoranthene	15.20	252	365123	38.926	ng	# 98
89) Benzo(k)fluoranthene	15.20	252	365123	39.394	ng	# 97
90) Benzo(a)pyrene	15.60	252	211927	24.867	ng	# 99
91) Dibenz(a,h)anthracene	17.42	278	23262	3.225	ng	# 94
92) Benzo(g,h,i)perylene	17.72	276	86209	12.048	ng	# 94

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

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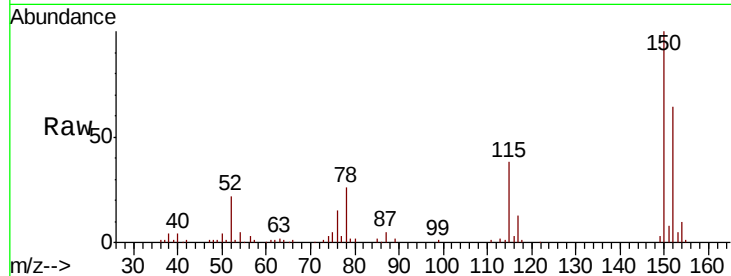




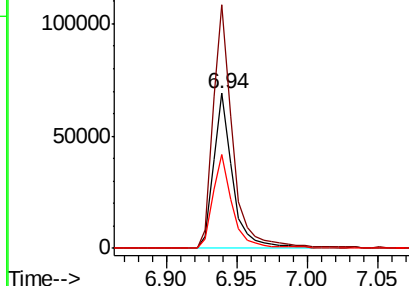
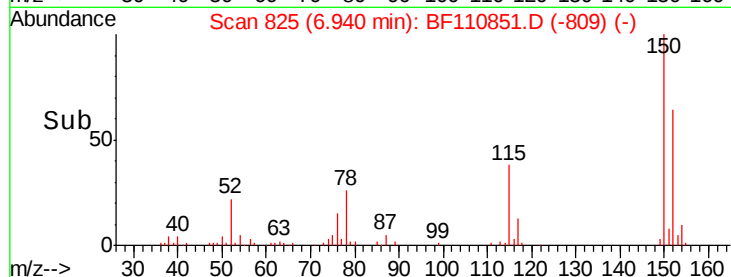
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.94 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BF110851.D
 Acq: 19 Nov 2018 14:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 65420
 Ion Ratio Lower Upper
 152 100
 150 157.4 122.7 184.1
 115 60.4 49.1 73.7

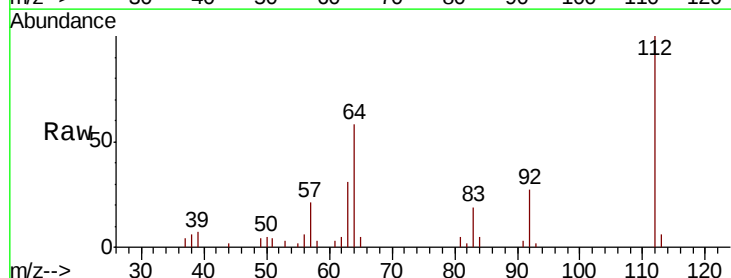


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

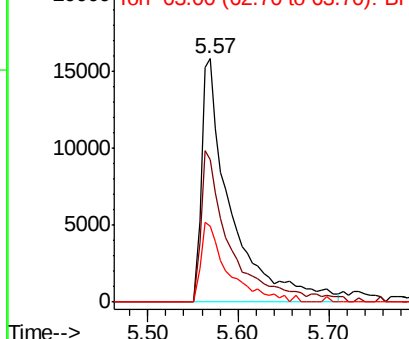
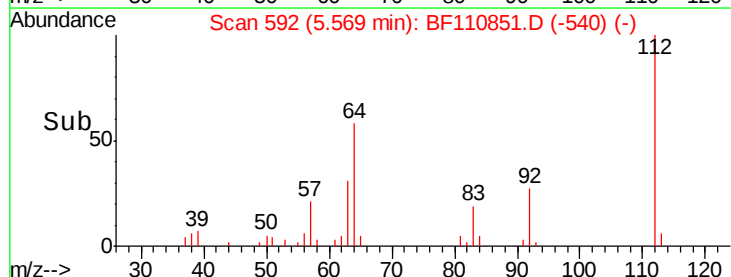


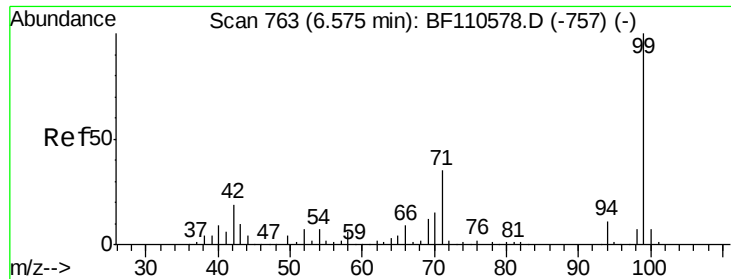
#5
 2-Fluorophenol
 Concen: 8.851 ng
 RT: 5.57 min Scan# 592
 Delta R.T. 0.01 min
 Lab File: BF110851.D
 Acq: 19 Nov 2018 14:24

Tgt Ion:112 Resp: 35649
 Ion Ratio Lower Upper
 112 100
 64 58.4 44.1 66.1
 63 31.2 23.7 35.5



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: 9.411 ng

RT: 6.57 min Scan# 763

Delta R.T. 0.00 min

Lab File: BF110851.D

Acq: 19 Nov 2018 14:24

Instrument :

BNA_F

ClientSampleId :

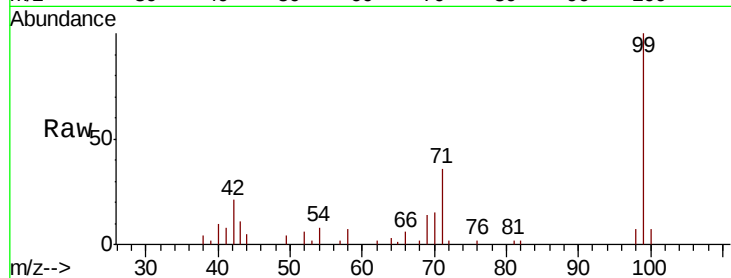
Tot Ion: 99 Resp: 48469

Ion Ratio Lower Upper

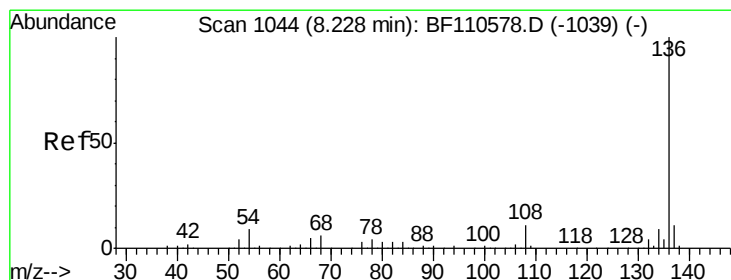
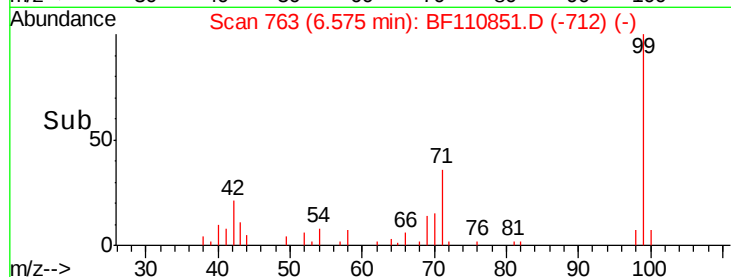
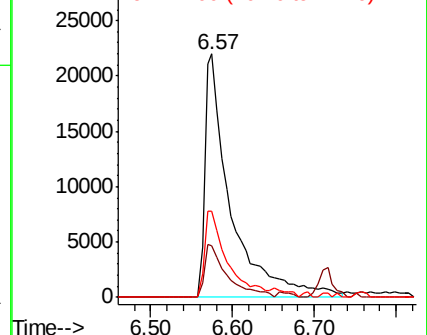
99 100

42 21.2 15.8 23.6

71 35.6 28.0 42.0



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: 8.22 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF110851.D

Acq: 19 Nov 2018 14:24

Tgt Ion: 136 Resp: 277920

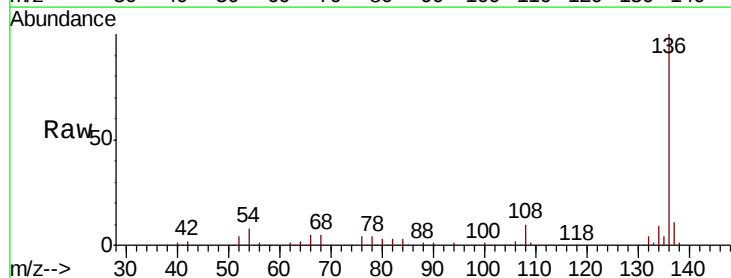
Ion Ratio Lower Upper

136 100

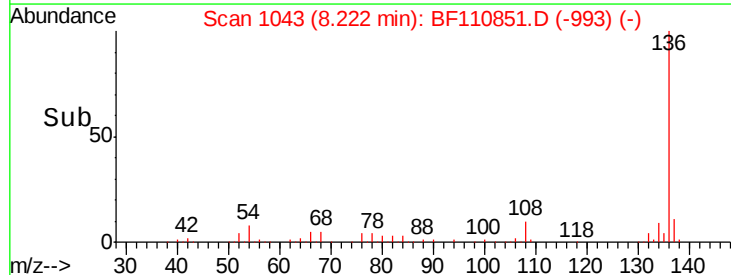
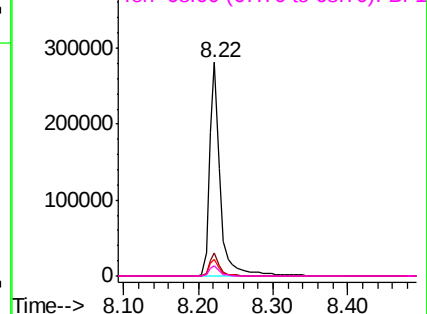
137 11.0 8.8 13.2

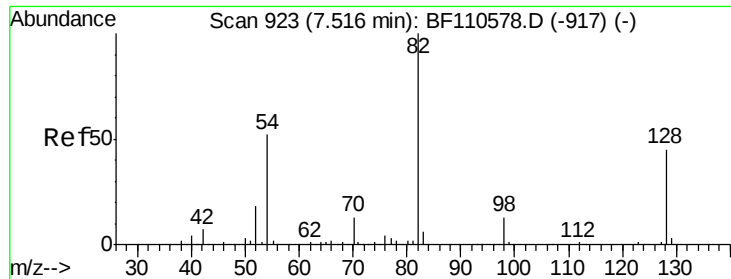
54 7.7 5.4 8.2

68 5.0 4.2 6.2



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

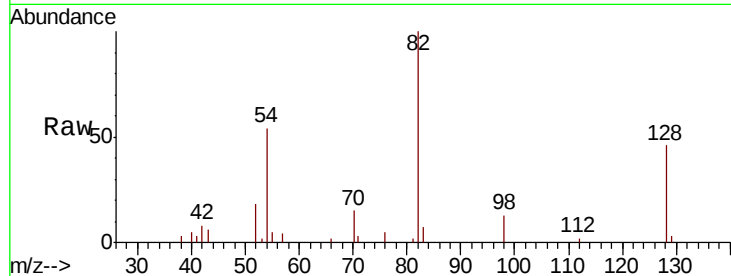




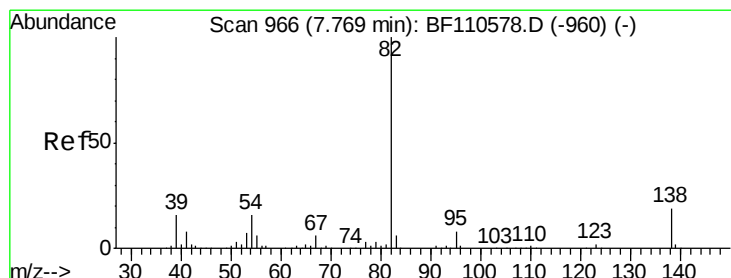
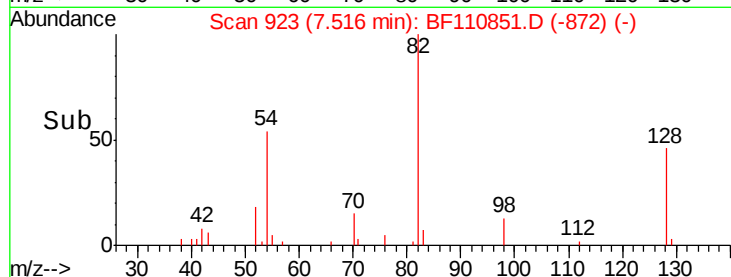
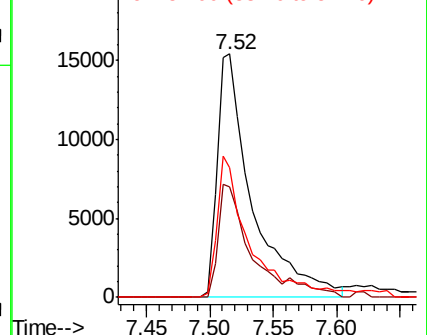
#23
Nitrobenzene-d5
Concen: 6.216 ng
RT: 7.52 min Scan# 923
Delta R.T. 0.00 min
Lab File: BF110851.D
Acq: 19 Nov 2018 14:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion	82	Resp	29996
Ion Ratio	Lower	Upper	
82	100		
128	45.6	34.2	51.2
54	53.5	38.6	58.0

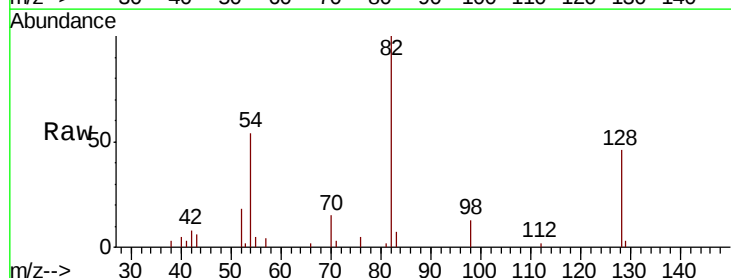


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

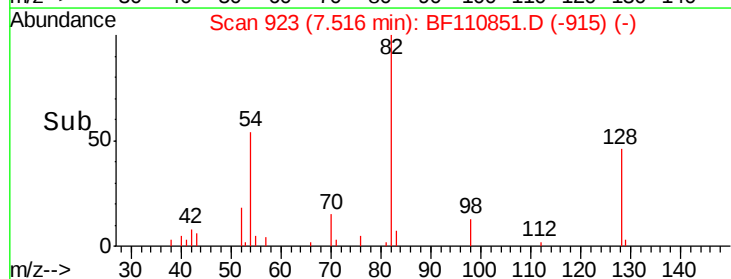
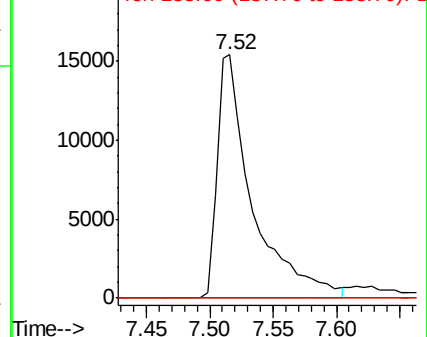


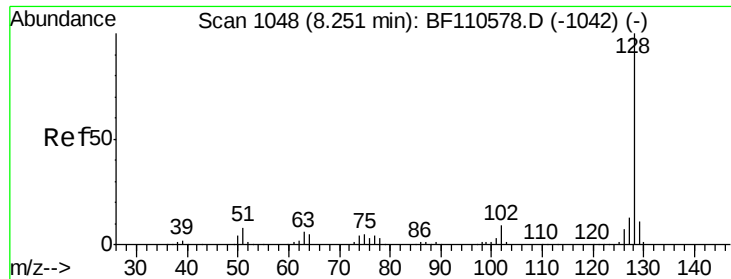
#25
Isophorone
Concen: 3.792 ng
RT: 7.52 min Scan# 923
Delta R.T. -0.25 min
Lab File: BF110851.D
Acq: 19 Nov 2018 14:24

Tgt Ion	82	Resp	29996
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.7	8.5#
138	0.0	13.2	19.8#



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

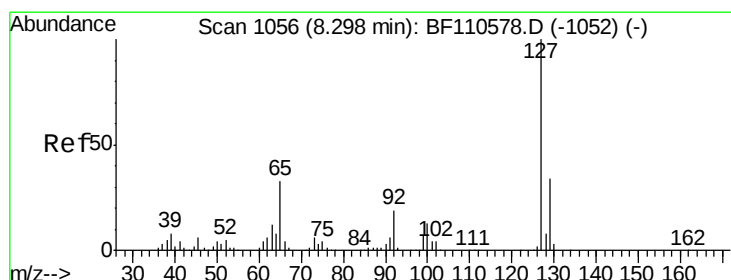
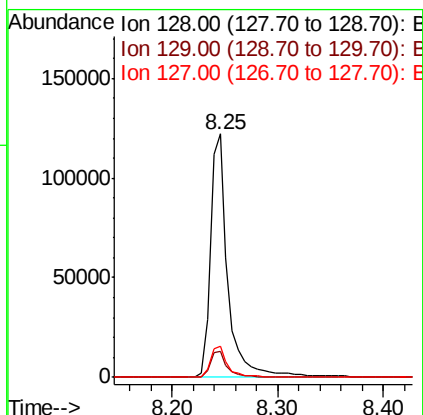
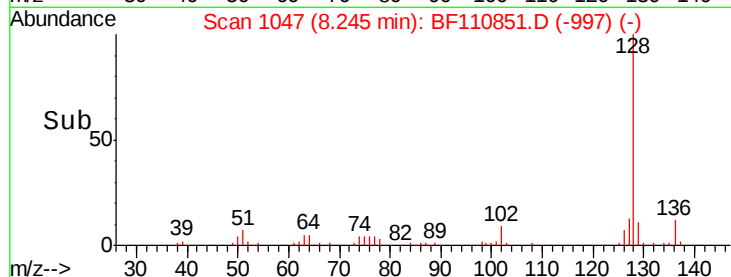
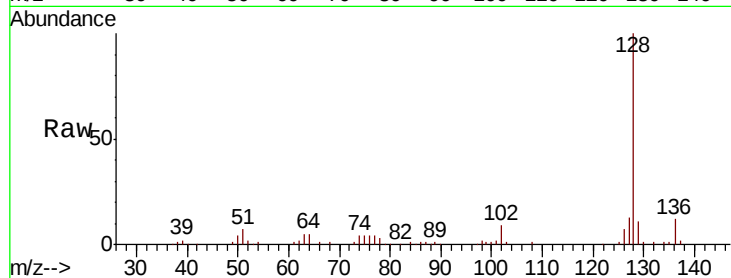




#31
Naphthalene
Concen: 10.819 ng
RT: 8.25 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BF110851.D
Acq: 19 Nov 2018 14:24

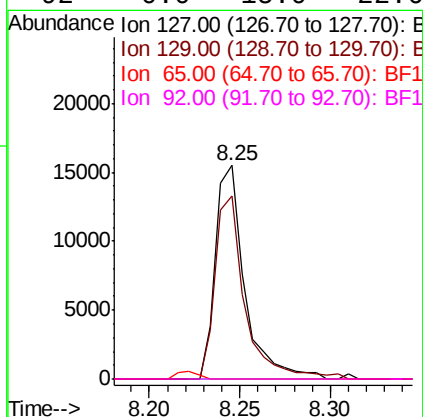
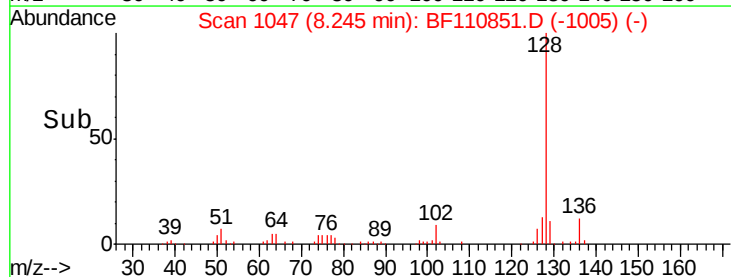
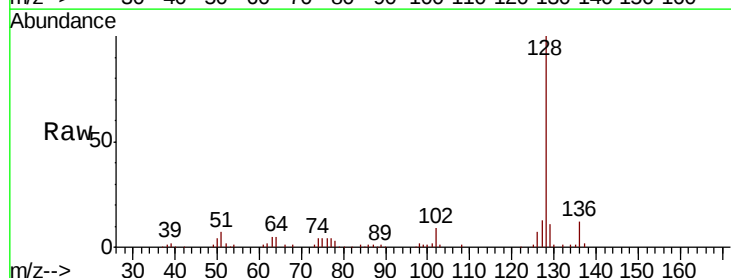
Instrument :
BNA_F
ClientSampleId :

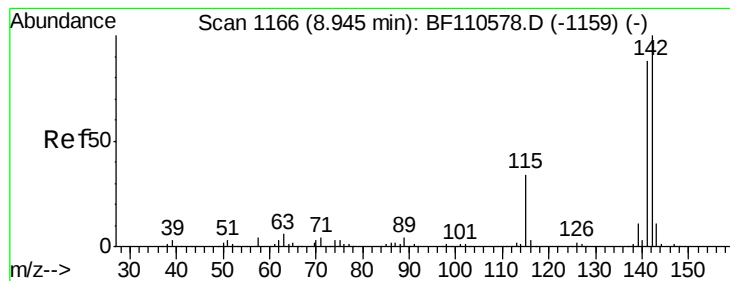
Tot Ion:128 Resp: 141152
Ion Ratio Lower Upper
128 100
129 10.9 8.8 13.2
127 12.7 10.8 16.2



#33
4-Chloroaniline
Concen: 2.965 ng
RT: 8.25 min Scan# 1047
Delta R.T. -0.05 min
Lab File: BF110851.D
Acq: 19 Nov 2018 14:24

Tgt Ion:127 Resp: 17521
Ion Ratio Lower Upper
127 100
129 85.6 26.0 39.0#
65 0.0 25.1 37.7#
92 0.0 15.0 22.6#





#37

2-Methylnaphthalene

Concen: 5.951 ng

RT: 8.94 min Scan# 1165

Delta R.T. -0.01 min

Lab File: BF110851.D

Acq: 19 Nov 2018 14:24

Instrument :

BNA_F

ClientSampled :

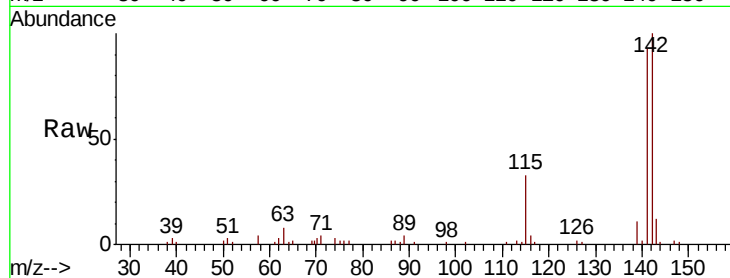
Tot Ion:142 Resp: 50897

Ion Ratio Lower Upper

142 100

141 92.8 71.4 107.2

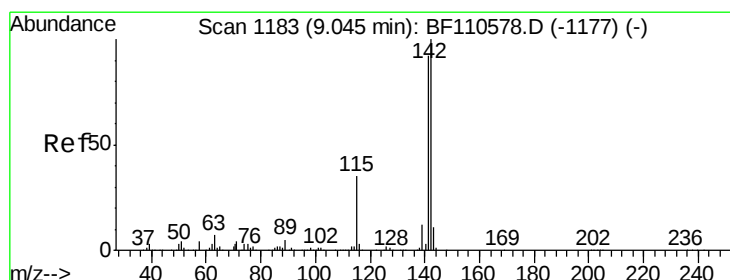
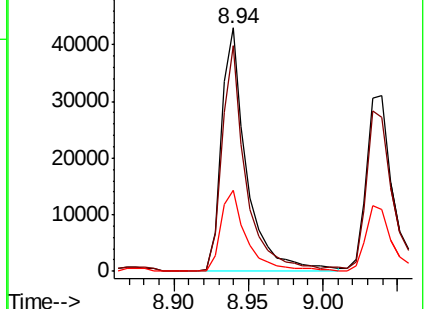
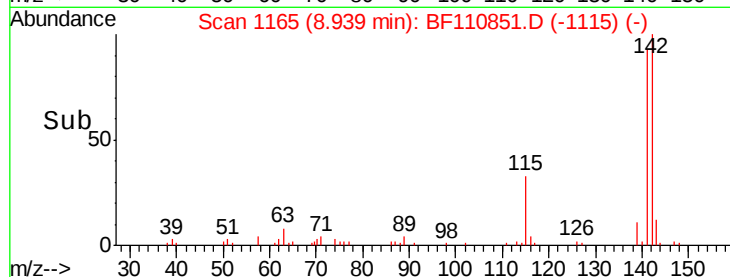
115 33.1 28.7 43.1



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: 6.188 ng

RT: 8.94 min Scan# 1165

Delta R.T. -0.11 min

Lab File: BF110851.D

Acq: 19 Nov 2018 14:24

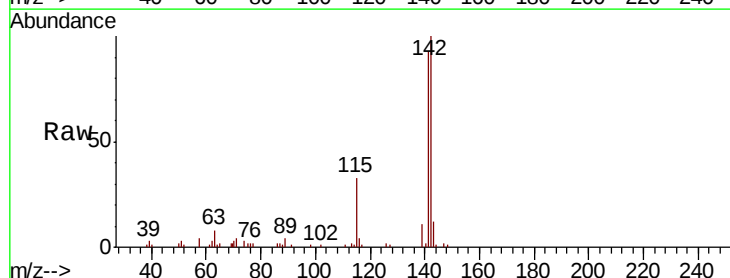
Tgt Ion:142 Resp: 50897

Ion Ratio Lower Upper

142 100

141 92.8 74.2 111.4

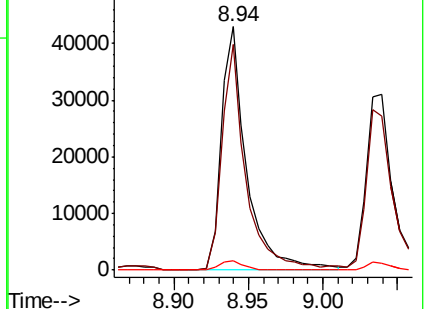
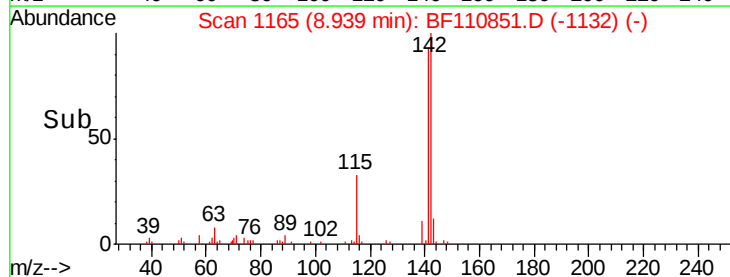
116 3.8 2.6 4.0

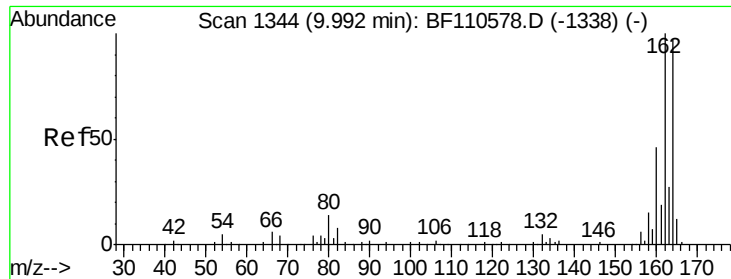


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

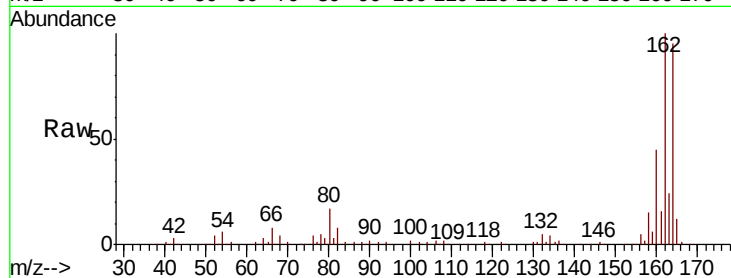




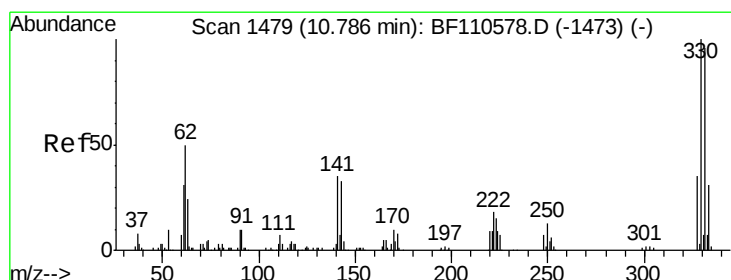
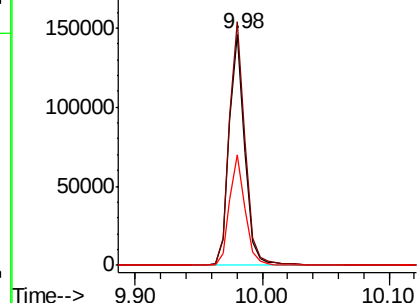
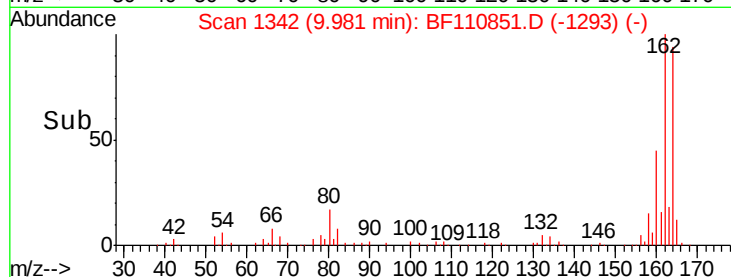
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BF110851.D
Acq: 19 Nov 2018 14:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 125062
Ion Ratio Lower Upper
164 100
162 105.3 83.0 124.6
160 47.7 37.0 55.6

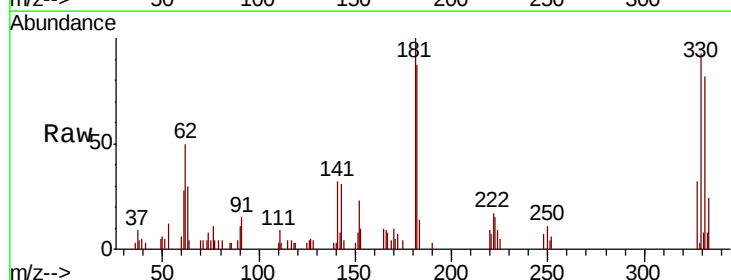


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

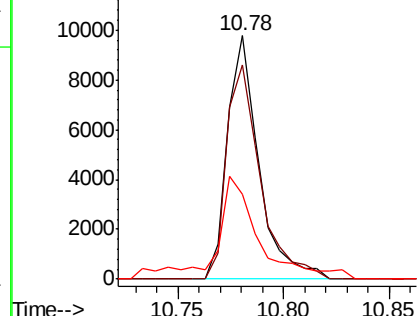
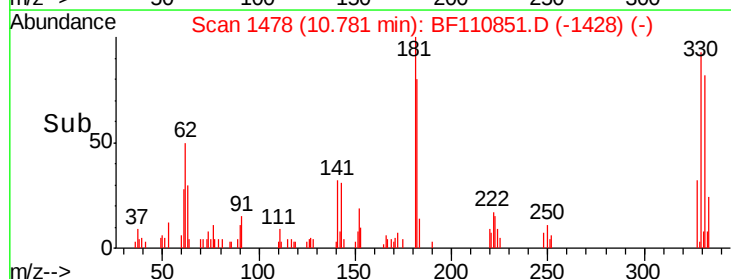


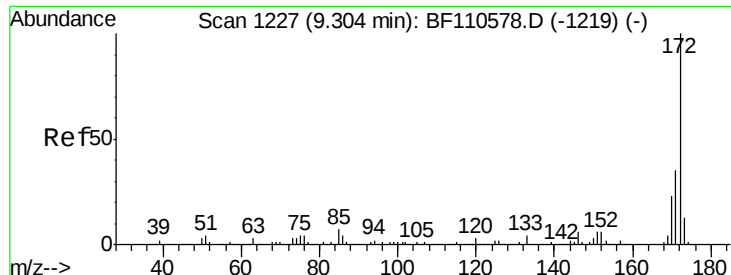
#42
2,4,6-Tribromophenol
Concen: 7.982 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.01 min
Lab File: BF110851.D
Acq: 19 Nov 2018 14:24

Tgt Ion:330 Resp: 10059
Ion Ratio Lower Upper
330 100
332 94.5 77.1 115.7
141 58.2 27.0 40.4#



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

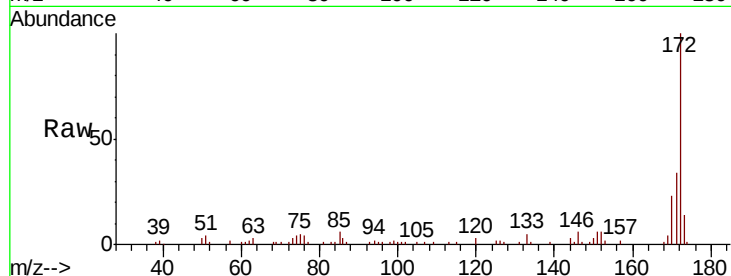




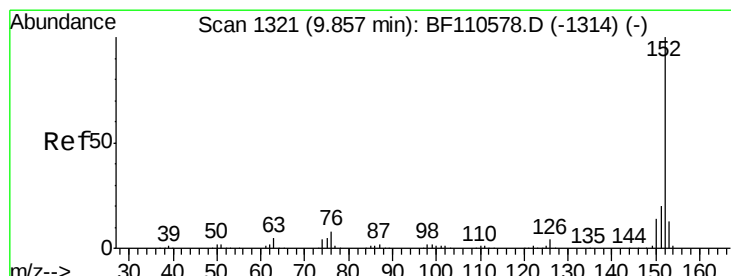
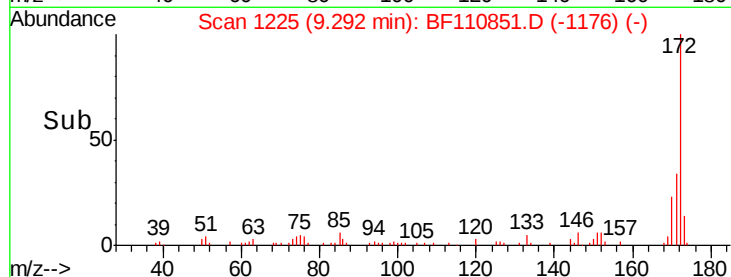
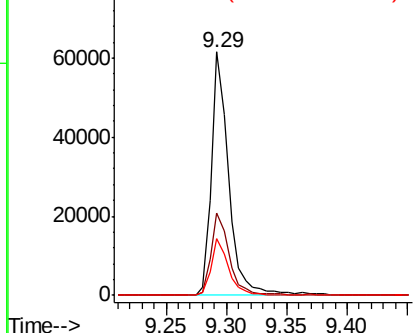
#45
2-Fluorobiphenyl
Concen: 6.923 ng
RT: 9.29 min Scan# 1225
Delta R.T. -0.01 min
Lab File: BF110851.D
Acq: 19 Nov 2018 14:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 60621
Ion Ratio Lower Upper
172 100
171 34.0 28.6 43.0
170 23.2 19.7 29.5

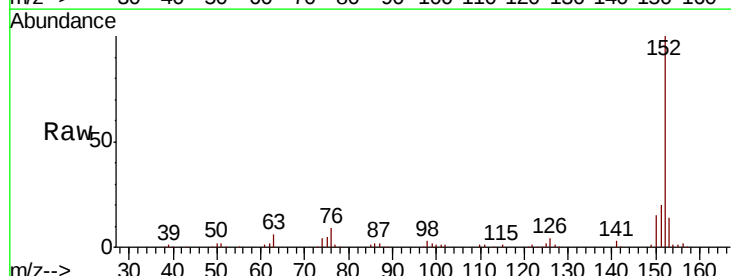


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

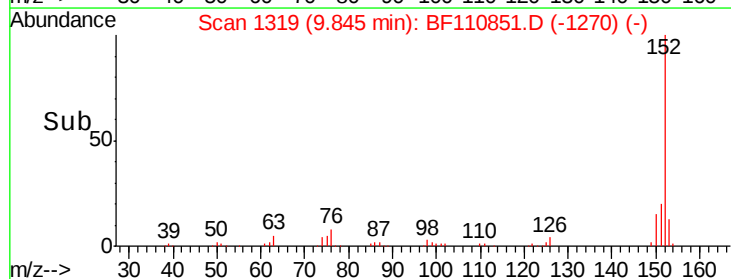
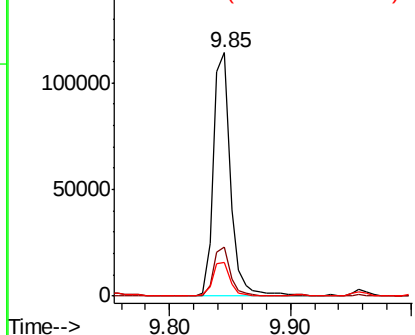


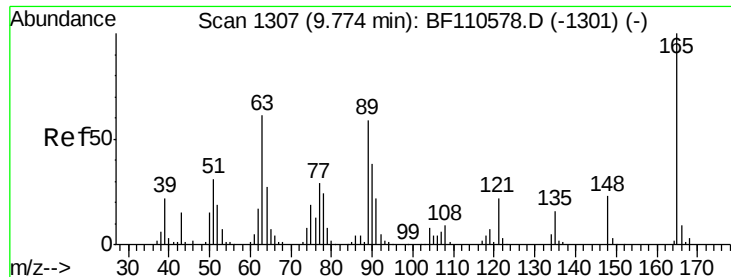
#49
Acenaphthylene
Concen: 9.200 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF110851.D
Acq: 19 Nov 2018 14:24

Tgt Ion:152 Resp: 111357
Ion Ratio Lower Upper
152 100
151 20.0 15.8 23.8
153 14.0 10.4 15.6



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

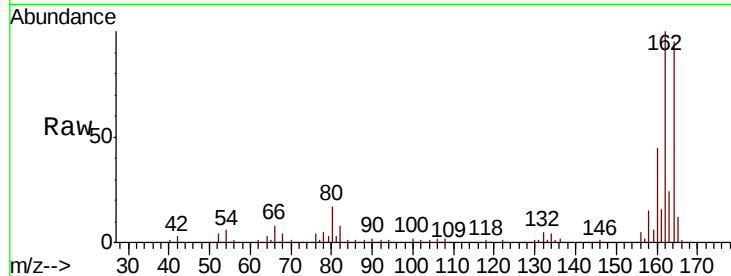




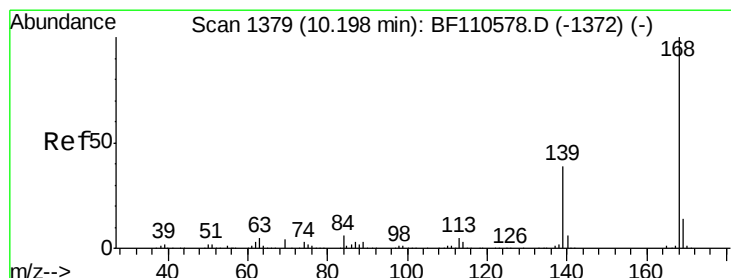
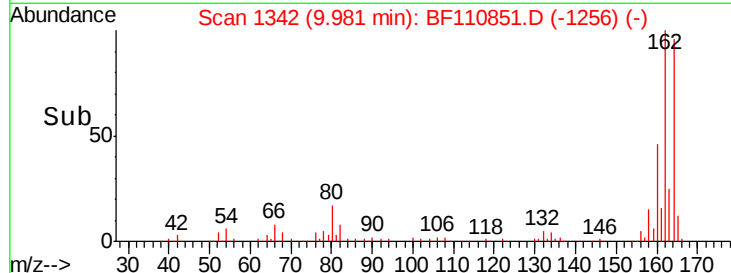
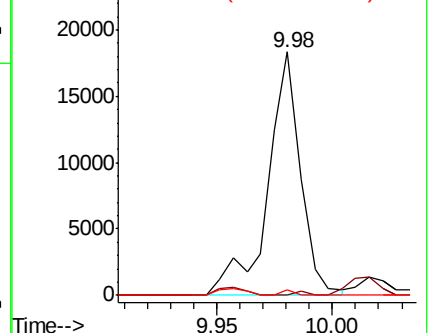
#51
 2,6-Dinitrotoluene
 Concen: 8.835 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. 0.21 min
 Lab File: BF110851.D
 Acq: 19 Nov 2018 14:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 18136
 Ion Ratio Lower Upper
 165 100
 63 0.0 48.9 73.3#
 89 2.5 46.6 69.8#

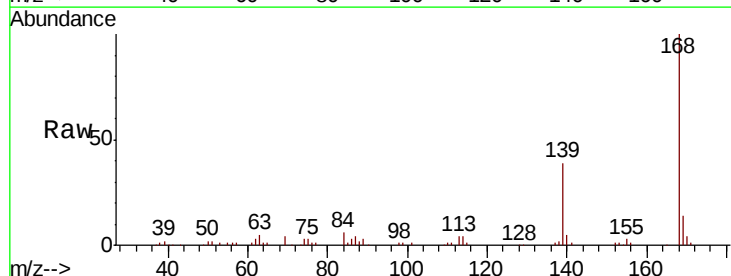


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

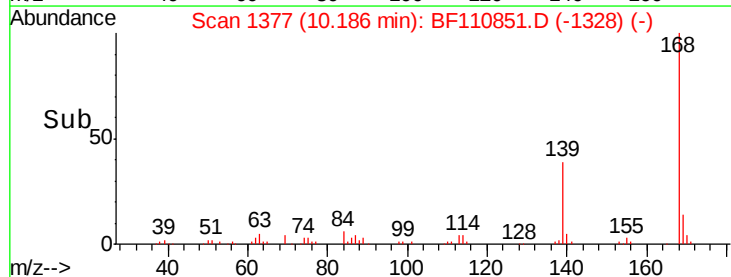
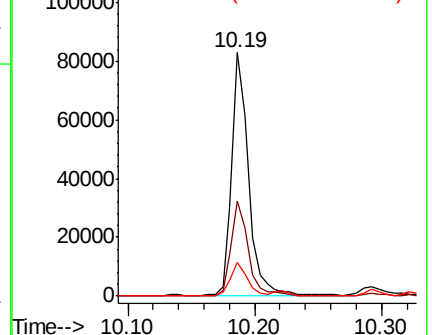


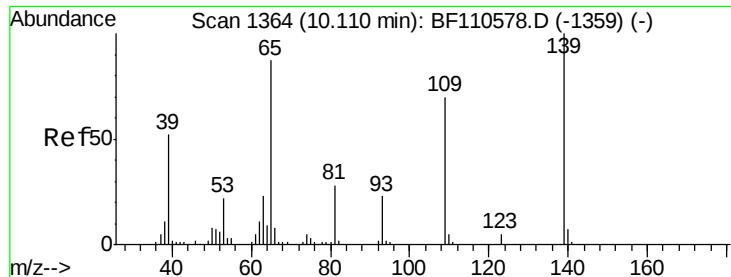
#55
 Dibenzofuran
 Concen: 6.921 ng
 RT: 10.19 min Scan# 1377
 Delta R.T. -0.01 min
 Lab File: BF110851.D
 Acq: 19 Nov 2018 14:24

Tgt Ion:168 Resp: 77455
 Ion Ratio Lower Upper
 168 100
 139 39.2 33.0 49.6
 169 13.9 11.3 16.9



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

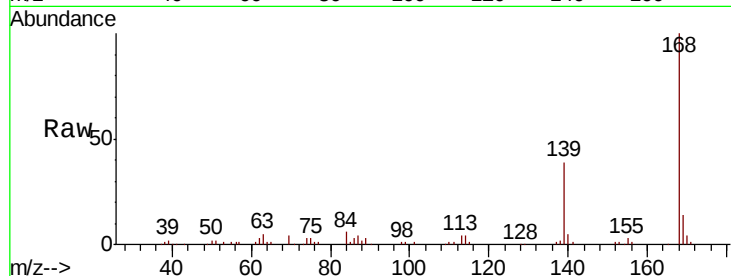




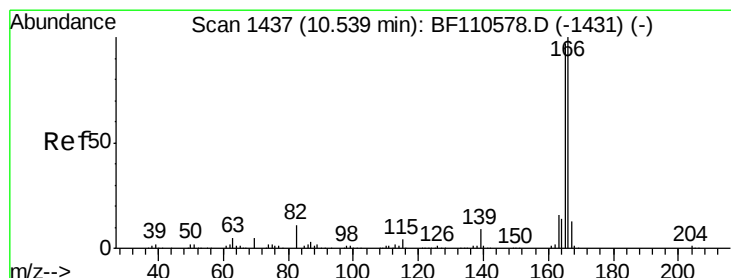
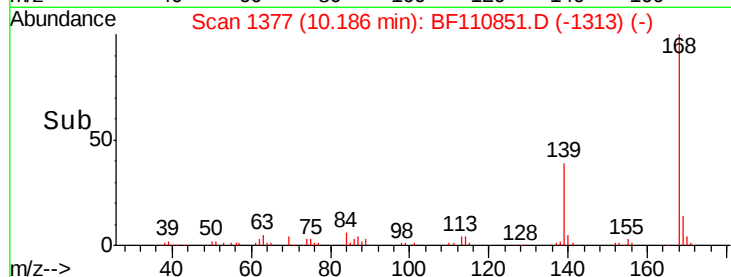
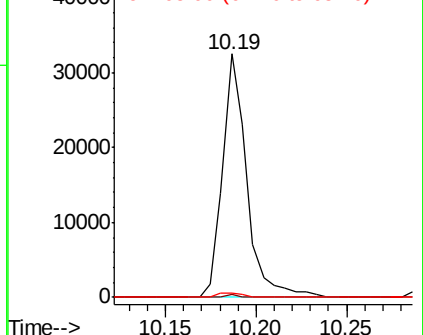
#56
4-Nitrophenol
Concen: 19.187 ng
RT: 10.19 min Scan# 1377
Delta R.T. 0.08 min
Lab File: BF110851.D
Acq: 19 Nov 2018 14:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
139	100		
109	1.1	55.8	95.8#
65	1.5	77.9	117.9#

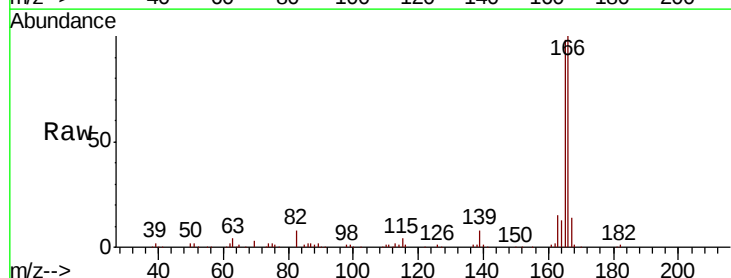


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

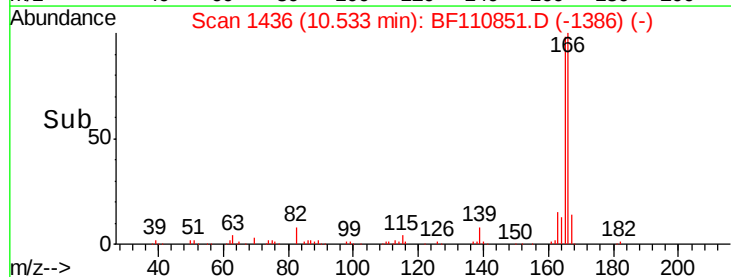
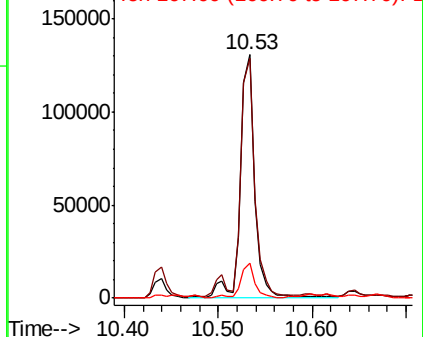


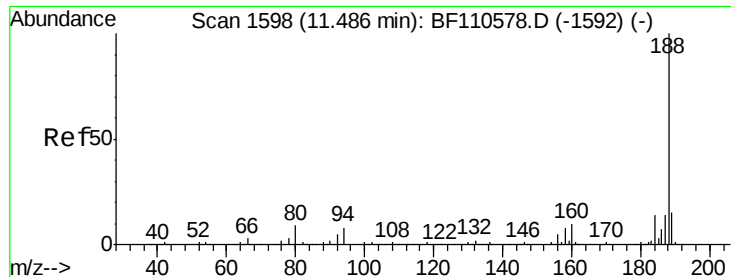
#58
Fluorene
Concen: 16.133 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BF110851.D
Acq: 19 Nov 2018 14:24

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.3	78.6	117.8
167	14.3	10.8	16.2



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

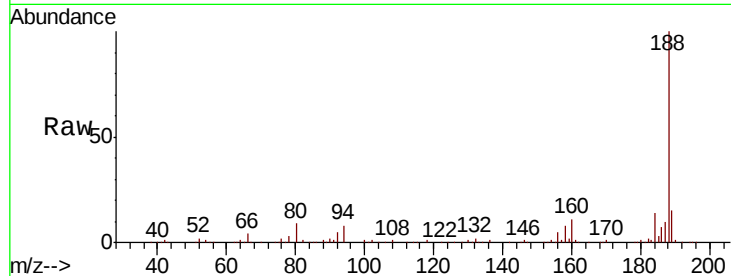




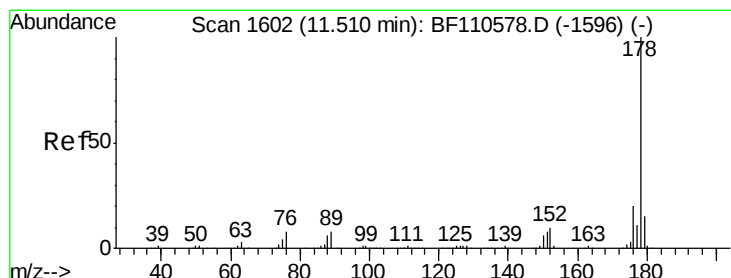
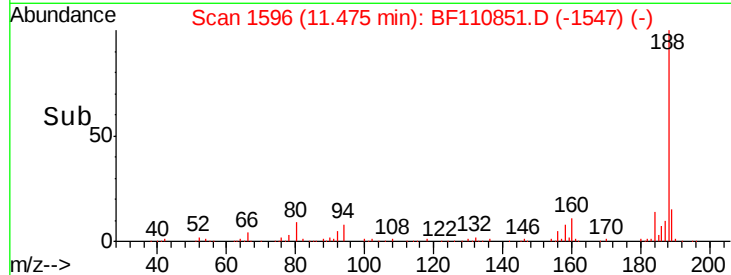
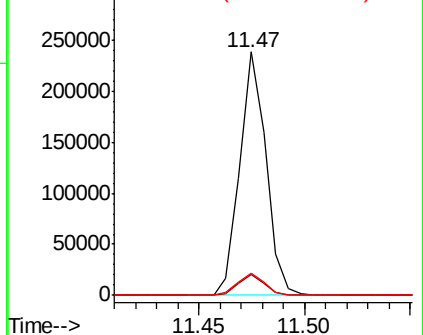
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.47 min Scan# 1596
Delta R.T. -0.01 min
Lab File: BF110851.D
Acq: 19 Nov 2018 14:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 205304
Ion Ratio Lower Upper
188 100
94 8.4 7.2 10.8
80 9.0 7.9 11.9

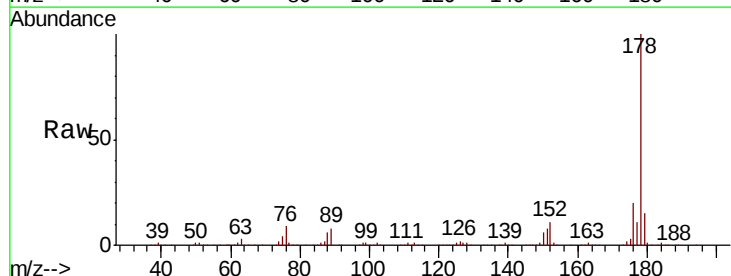


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

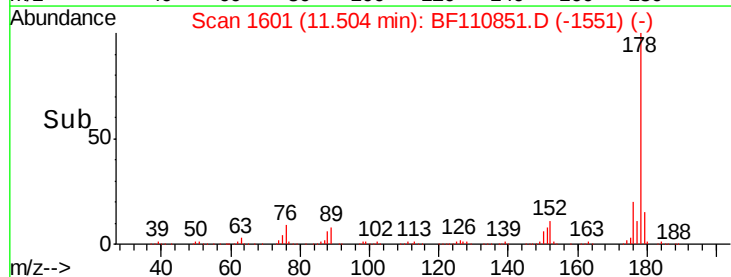
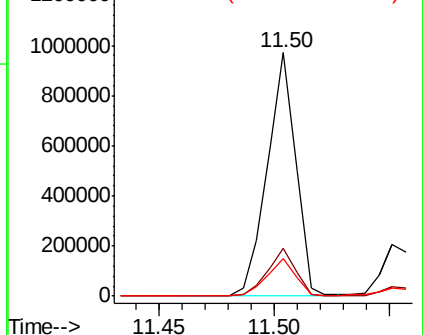


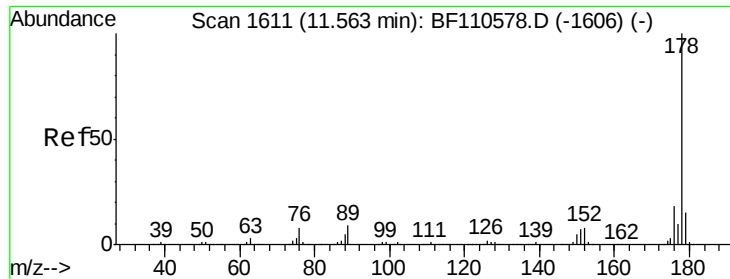
#71
Phenanthrene
Concen: 76.026 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110851.D
Acq: 19 Nov 2018 14:24

Tgt Ion:178 Resp: 836216
Ion Ratio Lower Upper
178 100
176 19.5 15.5 23.3
179 15.3 12.5 18.7



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

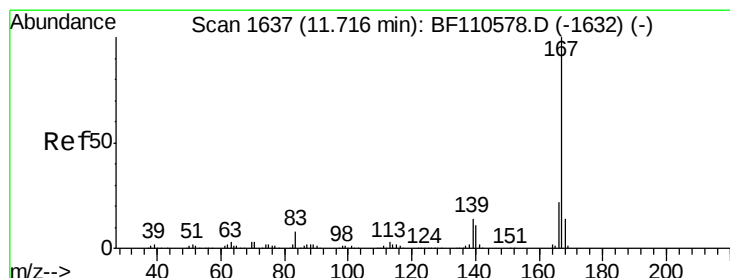
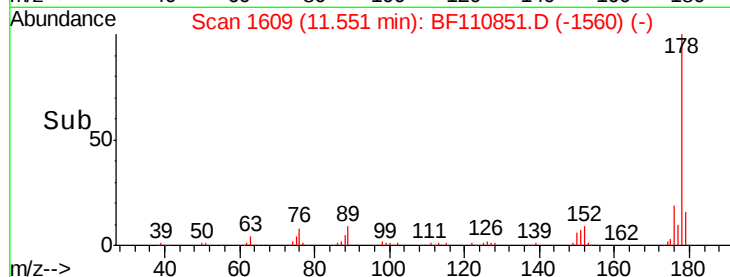
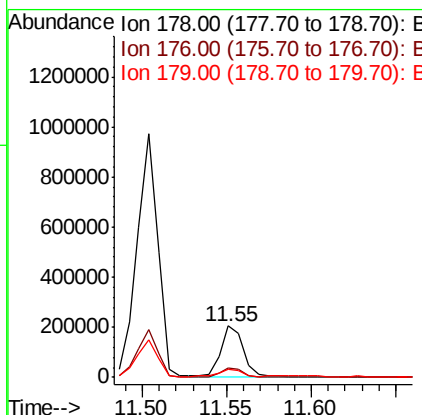
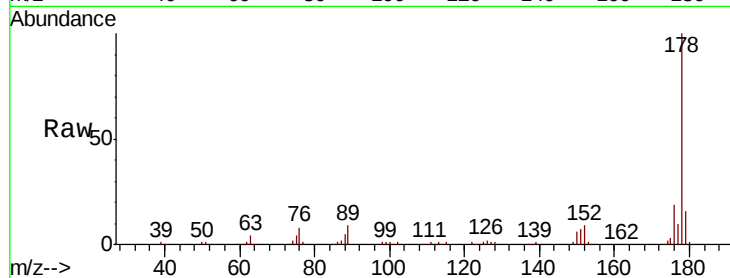




#72
 Anthracene
 Concen: 17.498 ng
 RT: 11.55 min Scan# 1609
 Delta R.T. -0.01 min
 Lab File: BF110851.D
 Acq: 19 Nov 2018 14:24

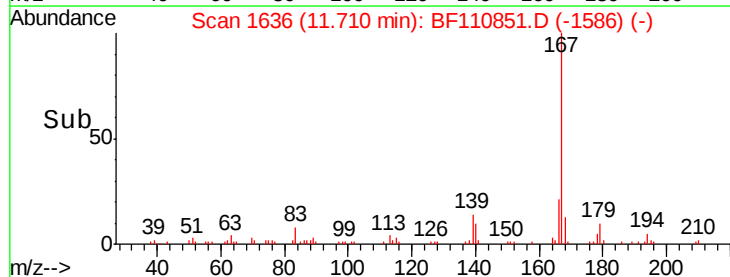
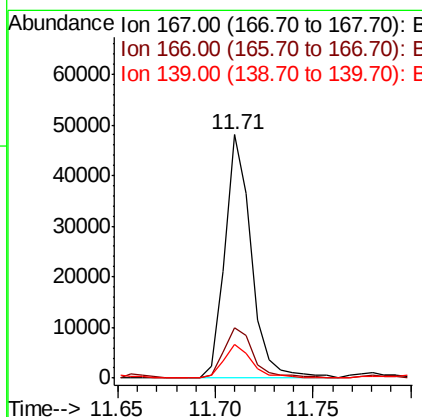
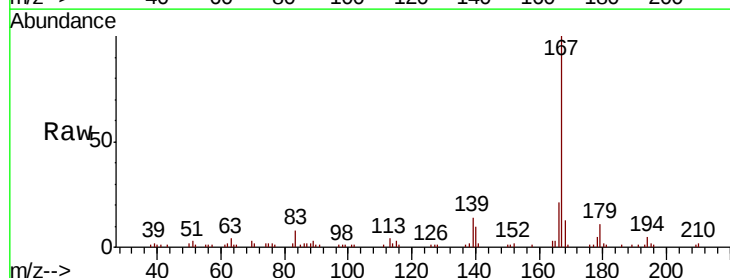
Instrument :
 BNA_F
 ClientSampleId :

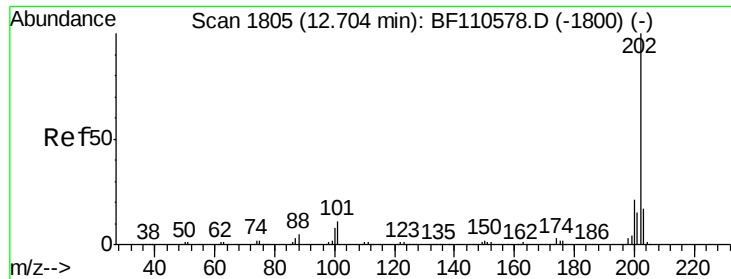
Tot Ion:178 Resp: 194153
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.4 23.2
 179 16.1 12.6 18.8



#73
 Carbazole
 Concen: 4.237 ng
 RT: 11.71 min Scan# 1636
 Delta R.T. -0.01 min
 Lab File: BF110851.D
 Acq: 19 Nov 2018 14:24

Tgt Ion:167 Resp: 45151
 Ion Ratio Lower Upper
 167 100
 166 20.6 17.4 26.0
 139 13.7 10.9 16.3





#75

Fluoranthene

Concen: 55.154 ng

RT: 12.70 min Scan# 1804

Delta R.T. -0.01 min

Lab File: BF110851.D

Acq: 19 Nov 2018 14:24

Instrument :

BNA_F

ClientSampleId :

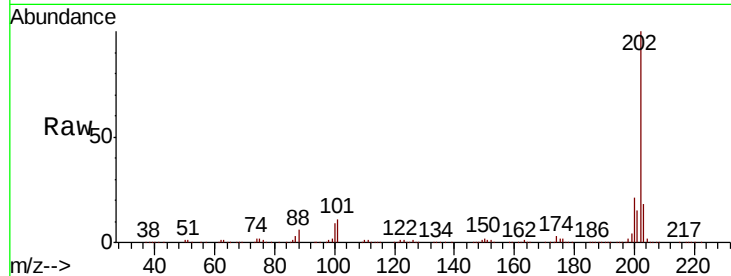
Tot Ion:202 Resp: 608209

Ion Ratio Lower Upper

202 100

101 10.9 0.0 31.4

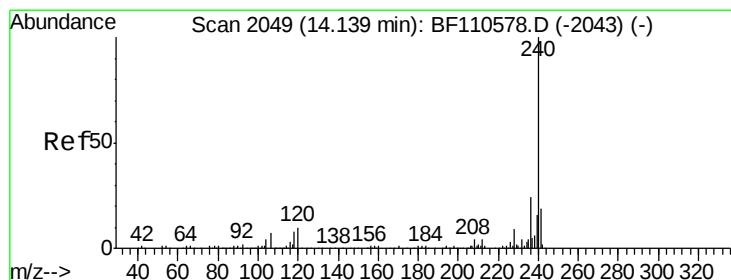
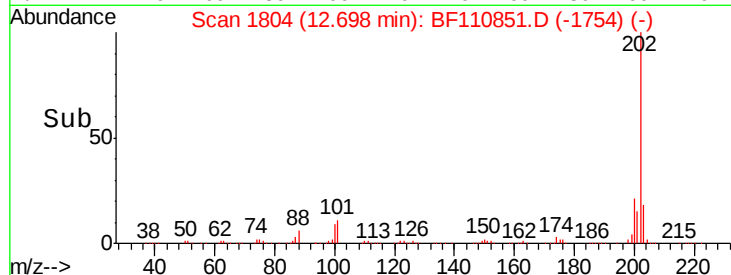
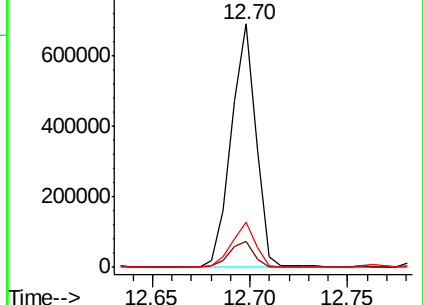
203 18.4 0.0 37.7



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: 14.13 min Scan# 2047

Delta R.T. -0.01 min

Lab File: BF110851.D

Acq: 19 Nov 2018 14:24

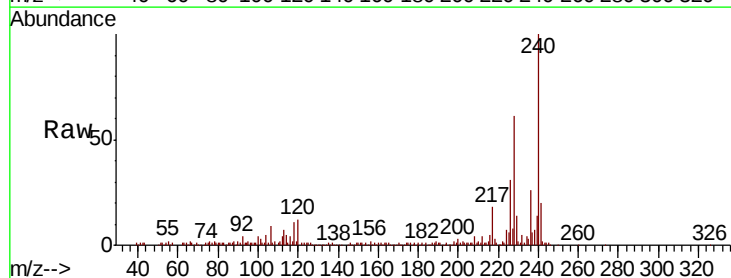
Tgt Ion:240 Resp: 148871

Ion Ratio Lower Upper

240 100

120 12.5 8.3 12.5#

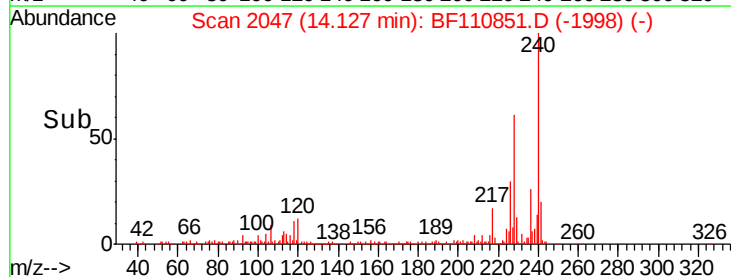
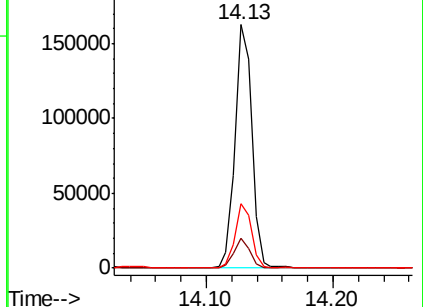
236 26.3 21.2 31.8

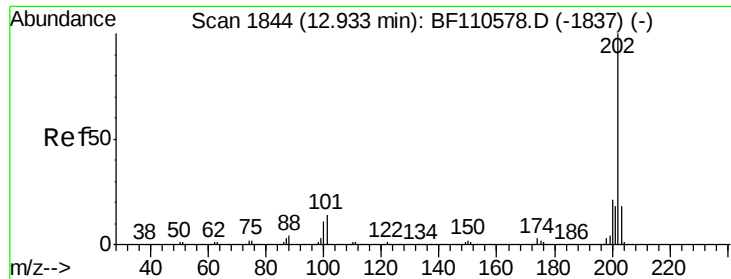


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

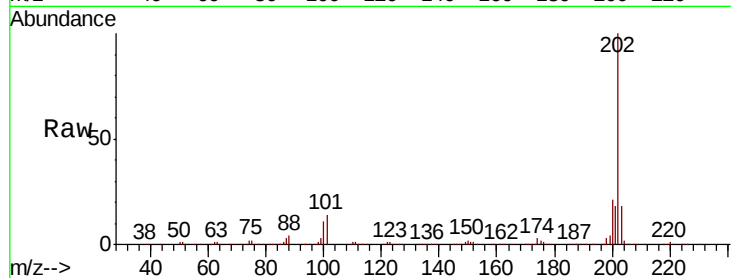




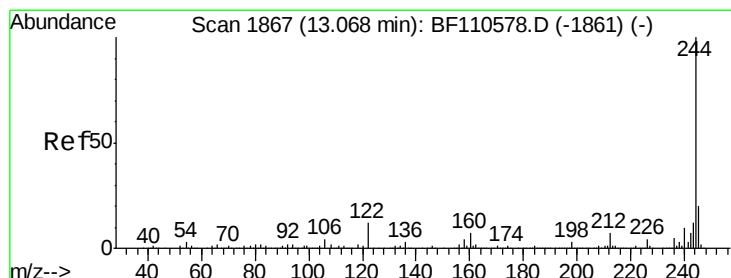
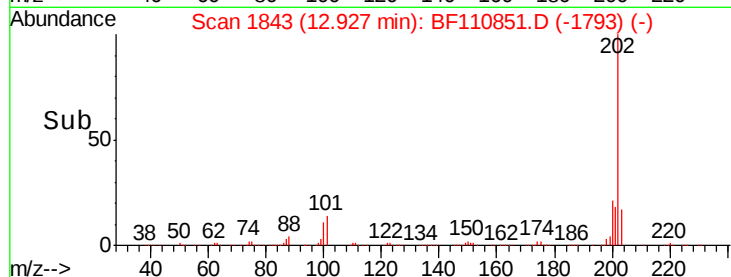
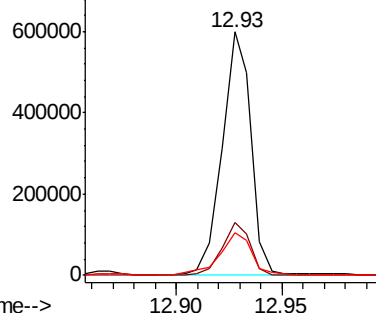
#78
Pvrene
Concen: 49.407 ng
RT: 12.93 min Scan# 1843
Delta R.T. -0.01 min
Lab File: BF110851.D
Acq: 19 Nov 2018 14:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 566343
Ion Ratio Lower Upper
202 100
200 21.5 17.8 26.6
203 17.7 14.2 21.4

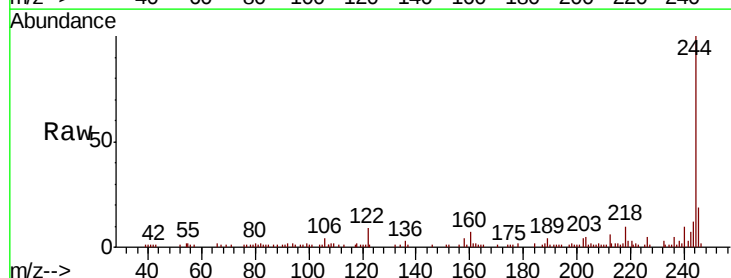


Abundance Ion 202.00 (201.70 to 202.70): E
800000 Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

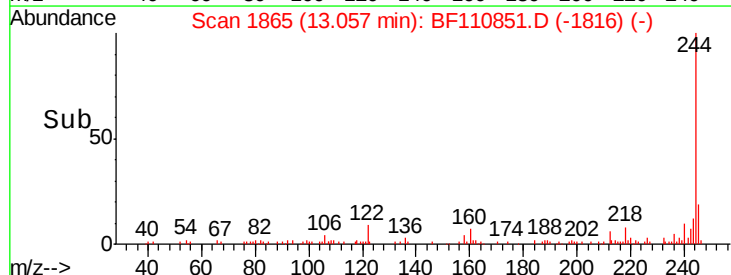
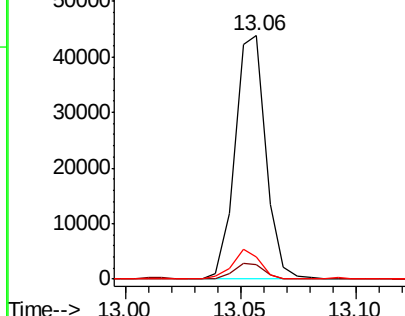


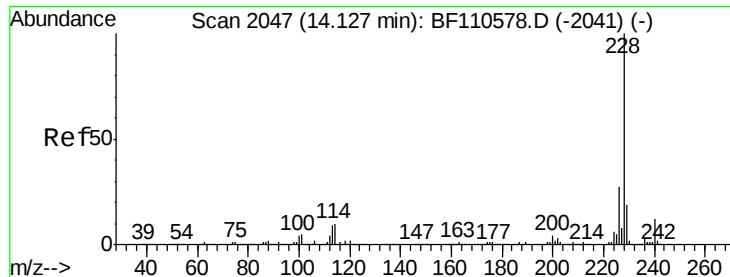
#79
Terphenyl-d14
Concen: 5.106 ng
RT: 13.06 min Scan# 1865
Delta R.T. -0.01 min
Lab File: BF110851.D
Acq: 19 Nov 2018 14:24

Tgt Ion:244 Resp: 40592
Ion Ratio Lower Upper
244 100
212 5.9 5.8 8.8
122 9.2 8.7 13.1



Abundance Ion 244.00 (243.70 to 244.70): E
60000 Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

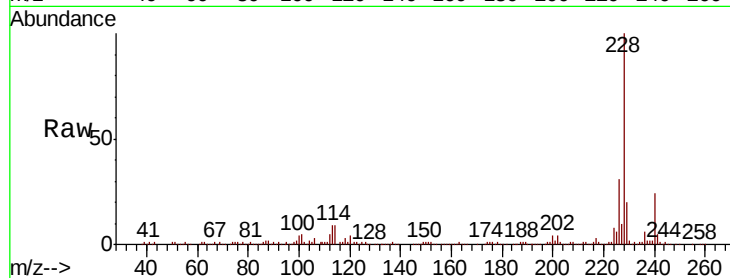




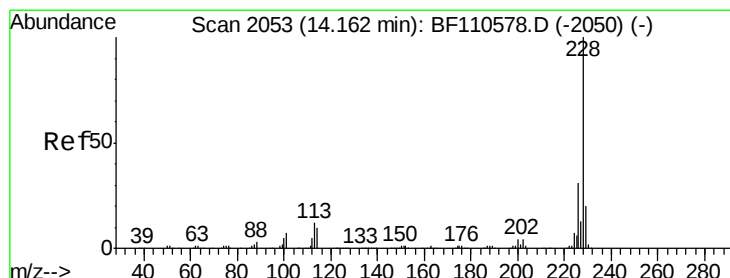
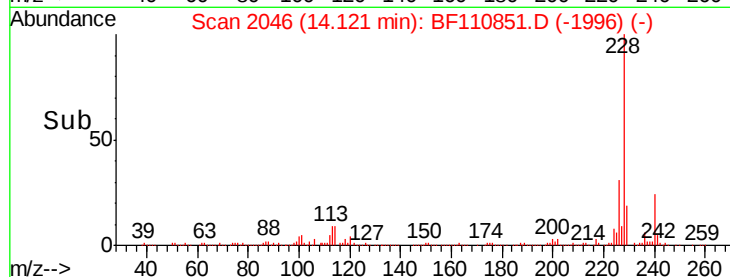
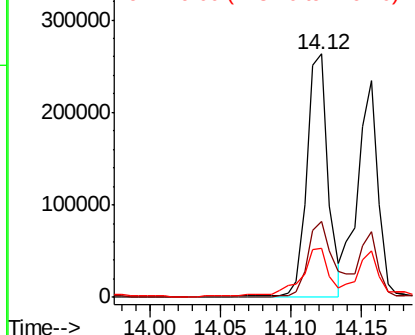
#81
Benzo(a)anthracene
Concen: 30.806 ng
RT: 14.12 min Scan# 2046
Delta R.T. -0.01 min
Lab File: BF110851.D
Acq: 19 Nov 2018 14:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:228 Resp: 274114
Ion Ratio Lower Upper
228 100
226 31.4 22.1 33.1
229 19.9 15.6 23.4

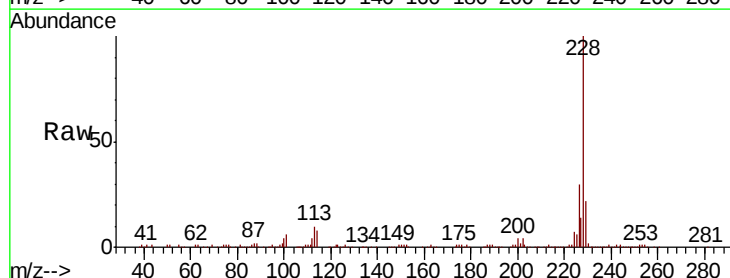


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

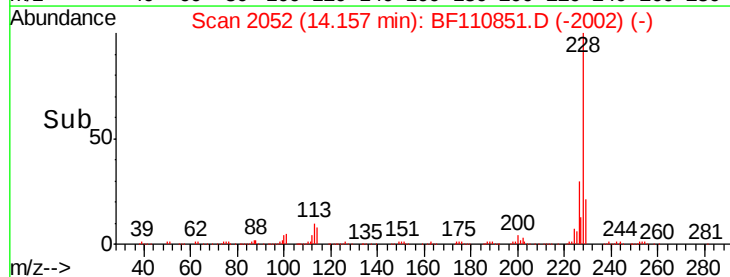
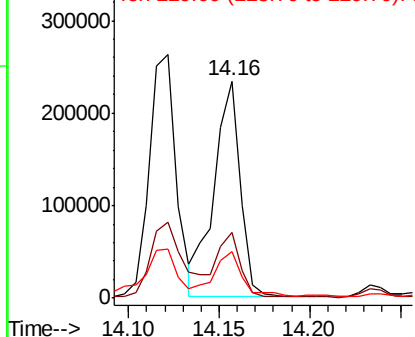


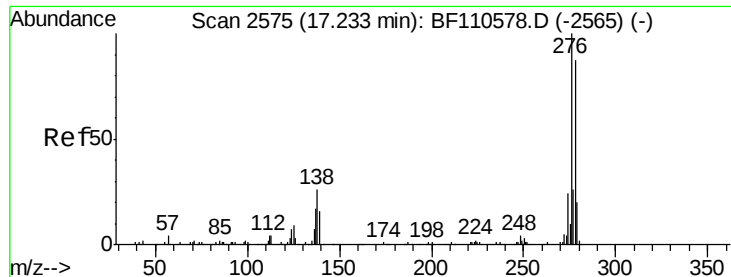
#83
Chrysene
Concen: 27.805 ng
RT: 14.16 min Scan# 2052
Delta R.T. -0.01 min
Lab File: BF110851.D
Acq: 19 Nov 2018 14:24

Tgt Ion:228 Resp: 235709
Ion Ratio Lower Upper
228 100
226 30.3 24.7 37.1
229 21.6 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#86

Indeno(1,2,3-cd)pyrene

Concen: 16.290 ng

RT: 17.23 min Scan# 2575

Delta R.T. 0.00 min

Lab File: BF110851.D

Acq: 19 Nov 2018 14:24

Instrument :

BNA_F

ClientSampleId :

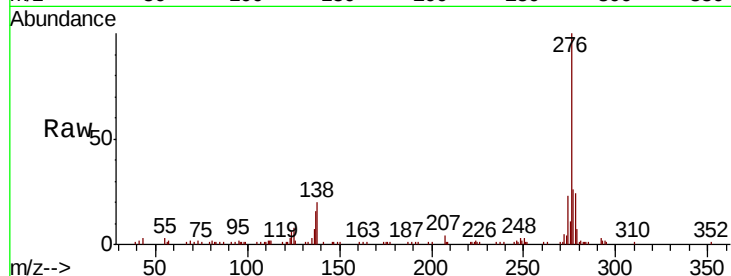
Tot Ion:276 Resp: 99096

Ion Ratio Lower Upper

276 100

138 21.3 18.5 27.7

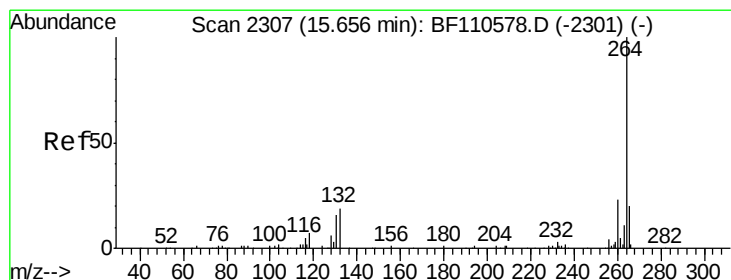
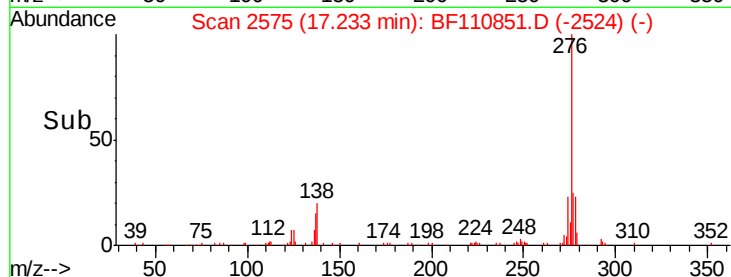
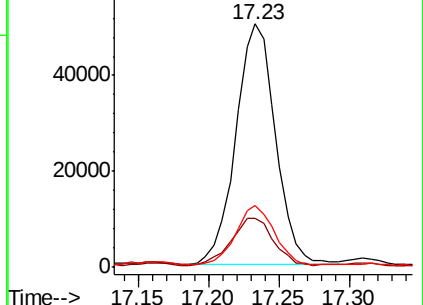
277 23.5 20.0 30.0



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: 15.66 min Scan# 2308

Delta R.T. 0.01 min

Lab File: BF110851.D

Acq: 19 Nov 2018 14:24

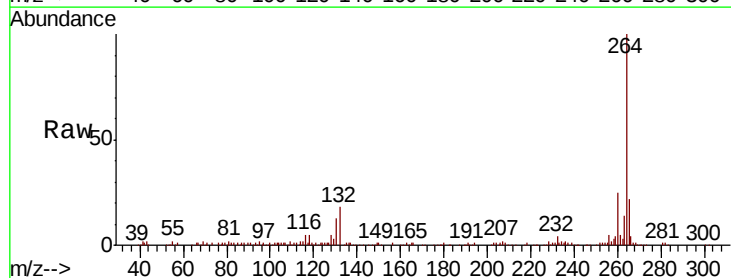
Tgt Ion:264 Resp: 156795

Ion Ratio Lower Upper

264 100

260 24.8 18.7 28.1

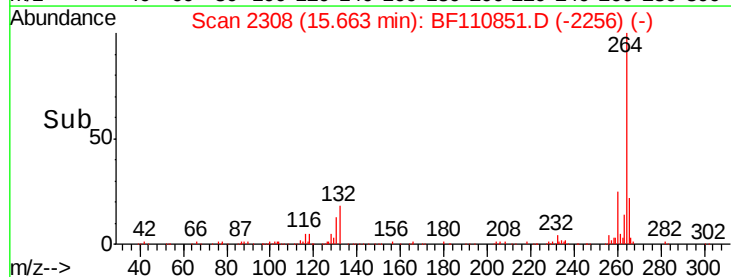
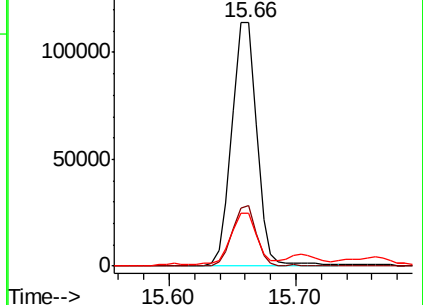
265 21.8 16.7 25.1

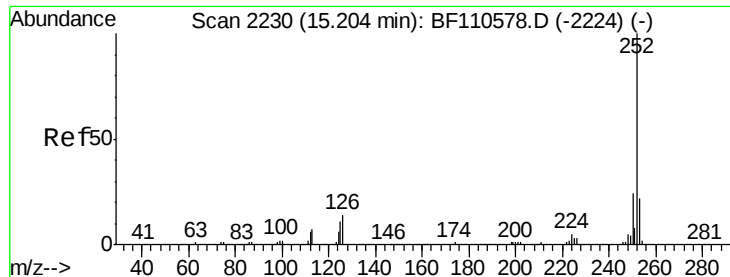


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

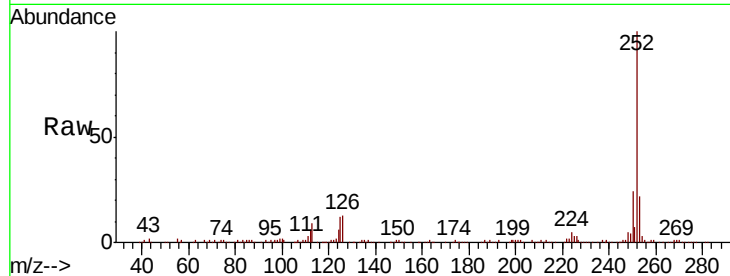




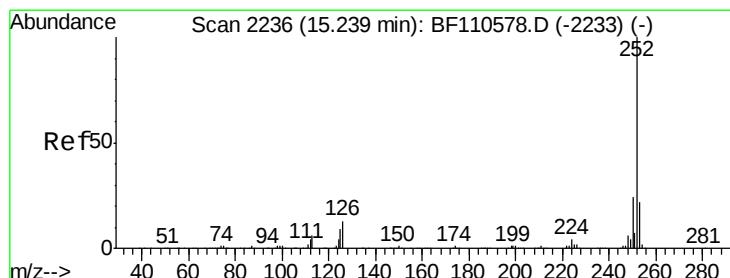
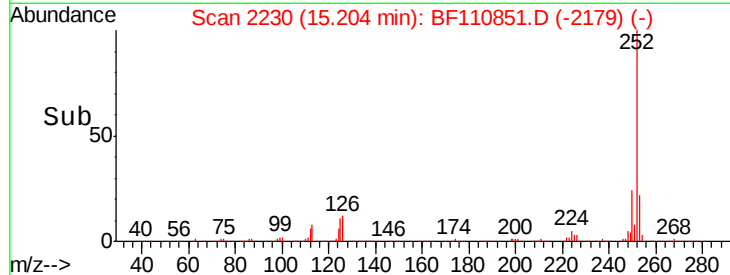
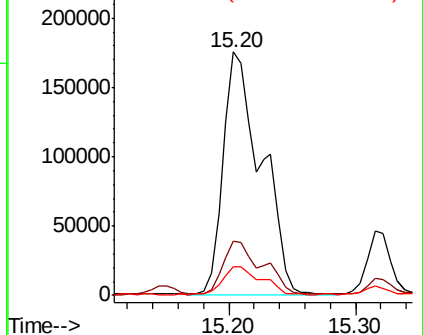
#88
Benzo(b)fluoranthene
Concen: 38.926 ng
RT: 15.20 min Scan# 2230
Delta R.T. 0.00 min
Lab File: BF110851.D
Acq: 19 Nov 2018 14:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.2	25.8
125	11.7	8.2	12.4

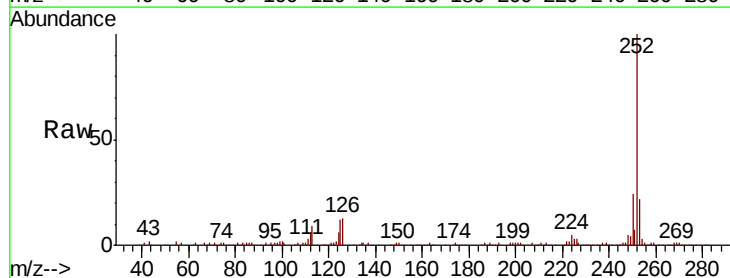


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

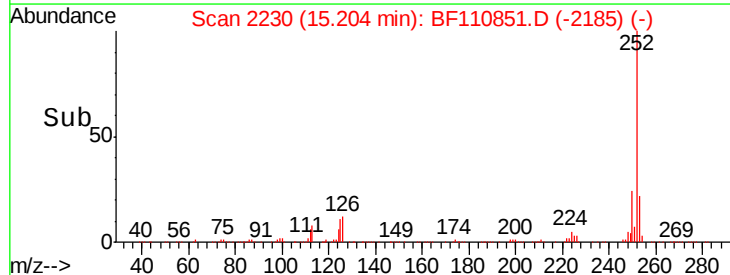
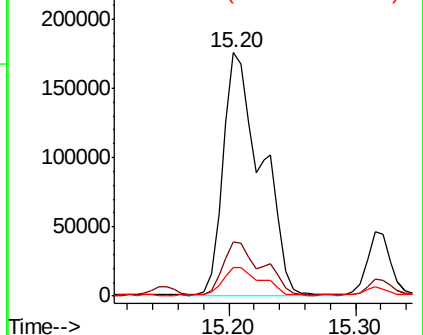


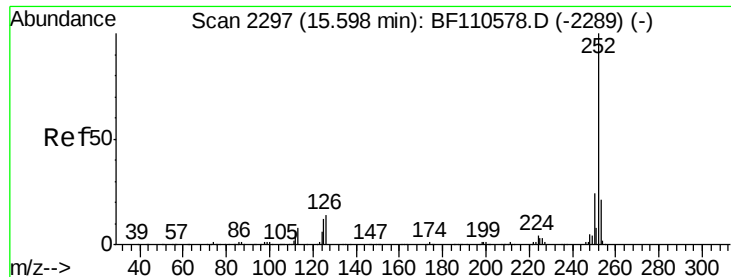
#89
Benzo(k)fluoranthene
Concen: 39.394 ng
RT: 15.20 min Scan# 2230
Delta R.T. -0.04 min
Lab File: BF110851.D
Acq: 19 Nov 2018 14:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.2	25.8
125	11.7	7.4	11.0#



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: 24.867 ng

RT: 15.60 min Scan# 2297

Delta R.T. 0.00 min

Lab File: BF110851.D

Acq: 19 Nov 2018 14:24

Instrument :

BNA_F

ClientSampleId :

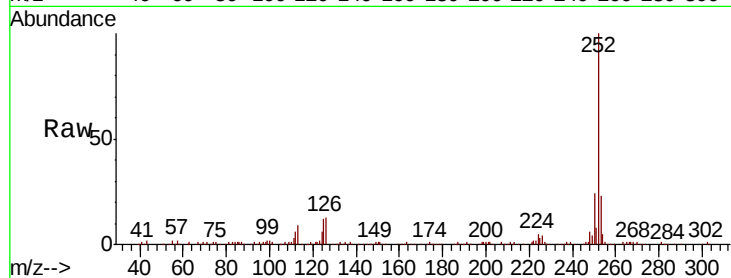
Tot Ion:252 Resp: 211927

Ion Ratio Lower Upper

252 100

253 23.3 18.2 27.4

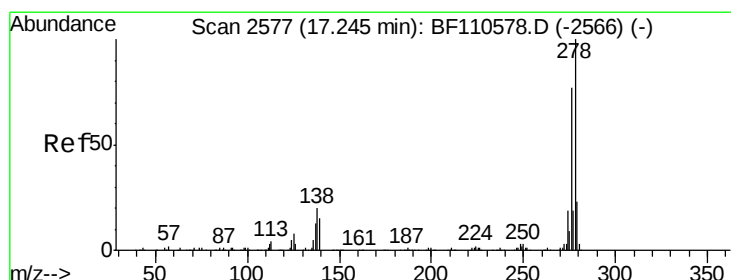
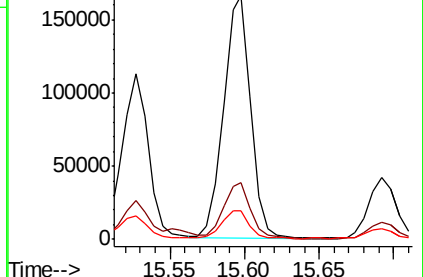
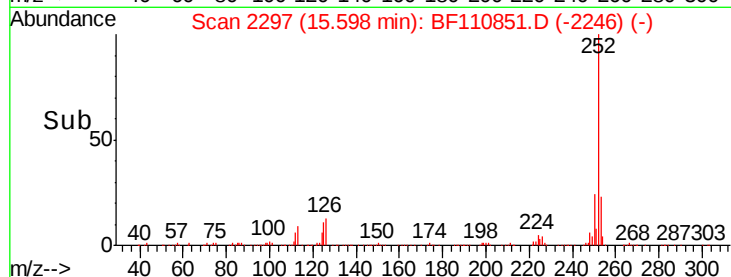
125 11.7 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Dibenzo(a,h)anthracene

Concen: 3.225 ng

RT: 17.42 min Scan# 2606

Delta R.T. 0.17 min

Lab File: BF110851.D

Acq: 19 Nov 2018 14:24

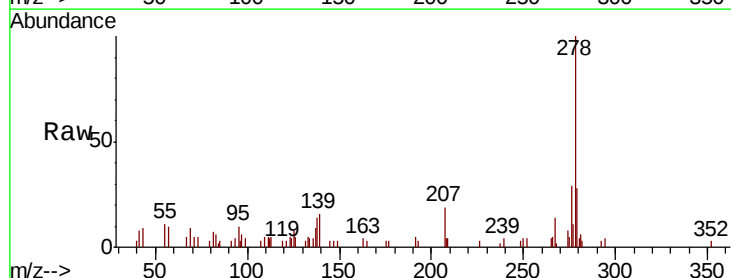
Tgt Ion:278 Resp: 23262

Ion Ratio Lower Upper

278 100

139 16.4 12.7 19.1

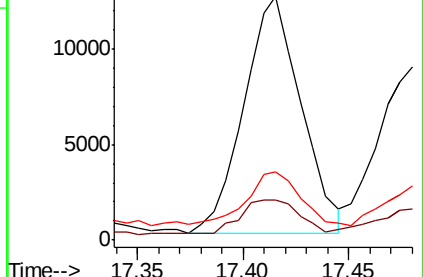
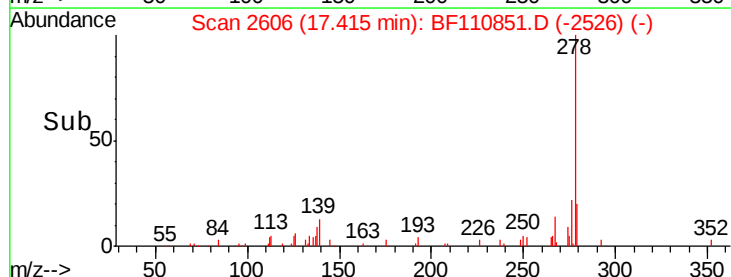
279 28.2 19.0 28.4

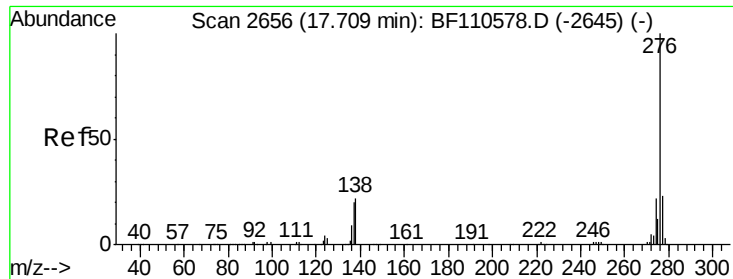


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#92

Benzo(a,h,i)perylene

Concen: 12.048 ng

RT: 17.72 min Scan# 2657

Delta R.T. 0.01 min

Lab File: BF110851.D

Acq: 19 Nov 2018 14:24

Instrument :

BNA_F

ClientSampleId :

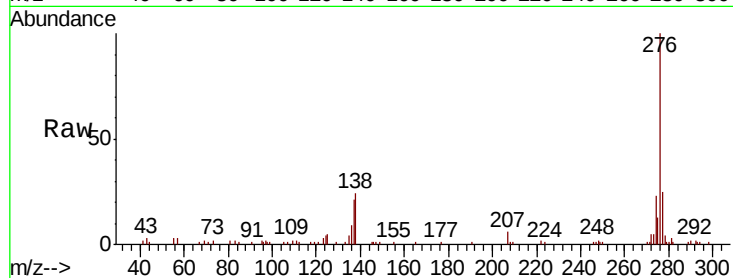
Tot Ion:276 Resp: 86209

Ion Ratio Lower Upper

276 100

277 25.2 18.8 28.2

138 24.1 16.0 24.0#



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

