

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102518\
 Data File : BF110181.D
 Acq On : 26 Oct 2018 00:46
 Operator : JU/SJ
 Sample : J5200-13 2X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

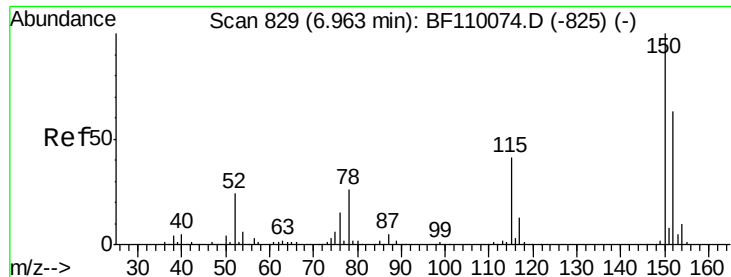
Quant Time: Oct 26 06:39:54 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 23 15:06:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	141875	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	541244	20.00	ng	-0.02
39) Acenaphthene-d10	10.01	164	223104	20.00	ng	-0.02
64) Phenanthrene-d10	11.50	188	367841	20.00	ng	-0.01
76) Chrysene-d12	14.15	240	245261	20.00	ng	-0.01
87) Perylene-d12	15.68	264	191051	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.58	112	425241	48.81	ng	-0.02
7) Phenol-d6	6.59	99	536554	48.15	ng	-0.02
23) Nitrobenzene-d5	7.53	82	311744	34.16	ng	-0.02
42) 2,4,6-Tribromophenol	10.80	330	96620	43.72	ng	-0.02
45) 2-Fluorobiphenyl	9.32	172	545828	38.42	ng	-0.02
79) Terphenyl-d14	13.09	244	420450	35.65	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.59	94	28425	2.386	ng	80
19) n-Nitroso-di-n-propylamine	7.53	70	41317	5.779	ng	# 78
25) Isophorone	7.53	82	311740	20.041	ng	# 67
31) Naphthalene	8.27	128	72117	2.891	ng	99
37) 2-Methylnaphthalene	8.96	142	45035	2.729	ng	98
38) 1-Methylnaphthalene	9.06	142	42830	2.685	ng	98
49) Acenaphthylene	9.87	152	57437	2.687	ng	# 97
50) Dimethylphthalate	9.72	163	57384	3.484	ng	# 99
51) 2,6-Dinitrotoluene	10.01	165	30755	8.670	ng	# 23
52) Acenaphthene	10.04	154	48755	3.448	ng	98
55) Dibenzofuran	10.22	168	43465	2.195	ng	97
58) Fluorene	10.56	166	72949	4.951	ng	99
71) Phenanthrene	11.53	178	453094	23.541	ng	99
72) Anthracene	11.58	178	151162	7.835	ng	98
73) Carbazole	11.73	167	46484	2.468	ng	97
75) Fluoranthene	12.72	202	817910	41.872	ng	99
78) Pyrene	12.96	202	843035	47.946	ng	99
81) Benzo(a)anthracene	14.14	228	408931	28.116	ng	97
83) Chrysene	14.18	228	369163	26.723	ng	97
86) Indeno(1,2,3-cd)pyrene	17.24	276	167722	14.635	ng	99
88) Benzo(b)fluoranthene	15.23	252	556764	50.466	ng	# 95
89) Benzo(k)fluoranthene	15.23	252	556764	51.333	ng	# 94
90) Benzo(a)pyrene	15.62	252	309397	30.477	ng	99
91) Dibenzo(a,h)anthracene	17.26	278	43575	4.975	ng	# 86
92) Benzo(g,h,i)perylene	17.72	276	157407	18.236	ng	95

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

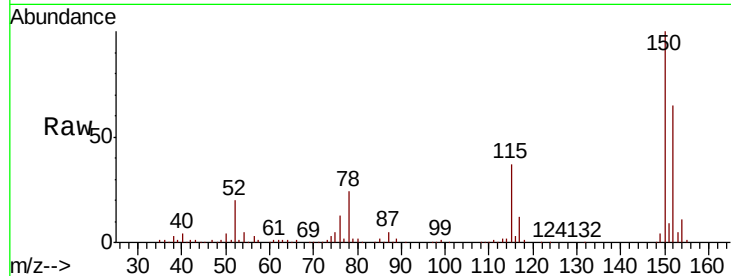


#1

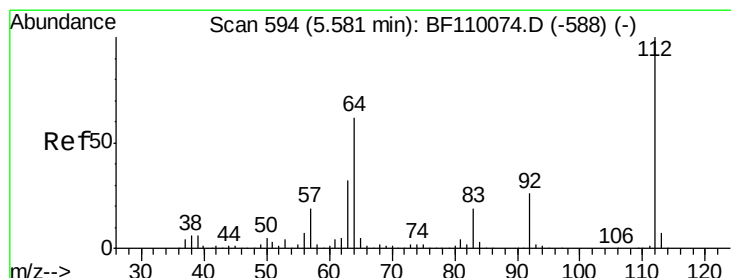
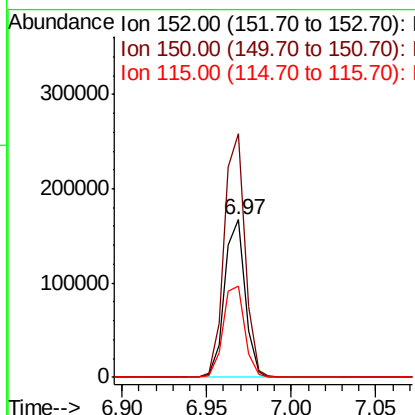
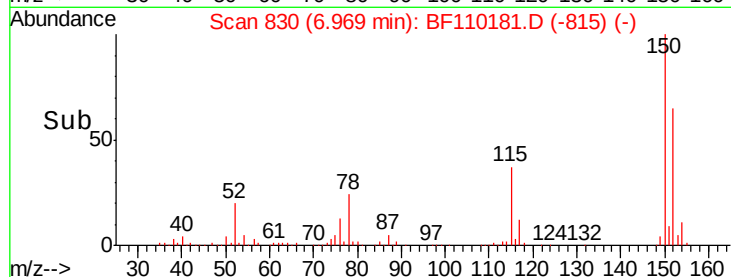
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF110181.D
Acq: 26 Oct 2018 00:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 141875
Ion Ratio Lower Upper
152 100
150 154.5 122.7 184.1
115 57.8 49.1 73.7



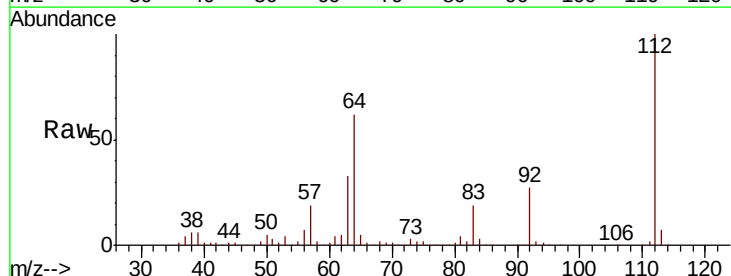
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



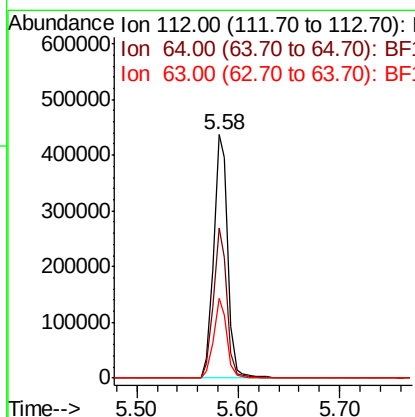
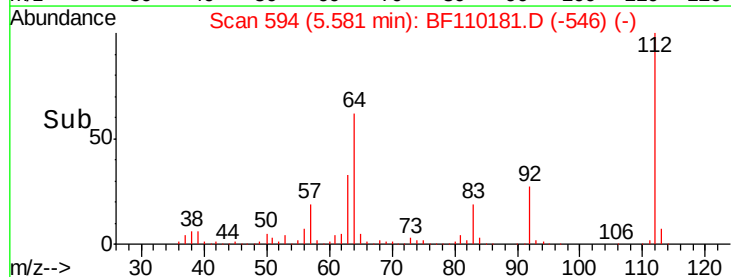
#5

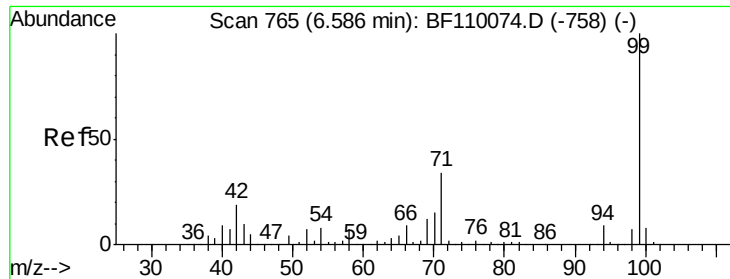
2-Fluorophenol
Concen: 48.809 ng
RT: 5.58 min Scan# 594
Delta R.T. -0.02 min
Lab File: BF110181.D
Acq: 26 Oct 2018 00:46

Tgt Ion:112 Resp: 425241
Ion Ratio Lower Upper
112 100
64 61.7 44.1 66.1
63 32.6 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: 48.149 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.02 min

Lab File: BF110181.D

Acq: 26 Oct 2018 00:46

Instrument :

BNA_F

ClientSampleId :

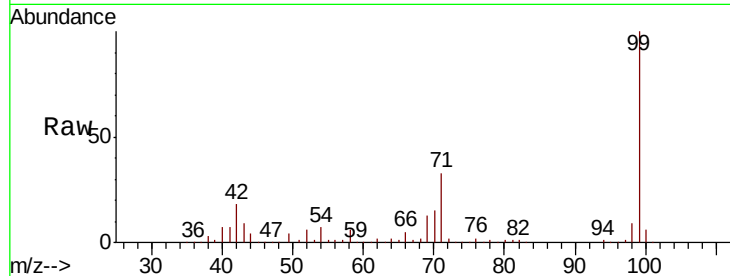
Tot Ion: 99 Resp: 536554

Ion Ratio Lower Upper

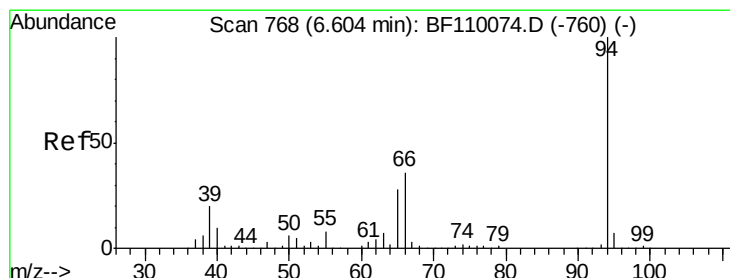
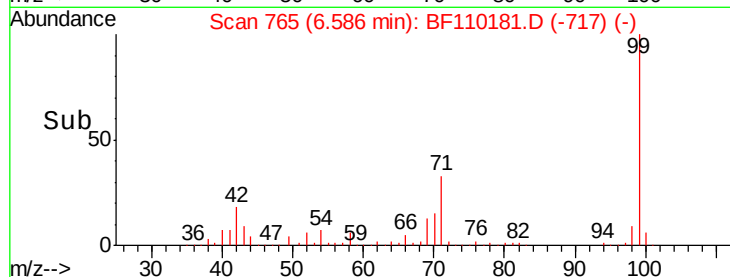
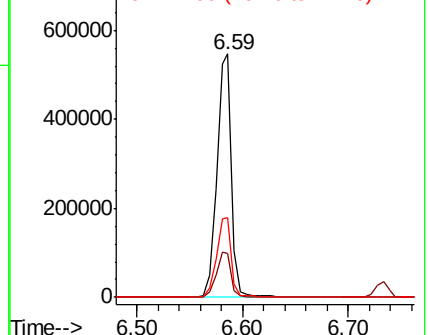
99 100

42 18.0 15.8 23.6

71 32.5 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



#10

Phenol

Concen: 2.386 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.02 min

Lab File: BF110181.D

Acq: 26 Oct 2018 00:46

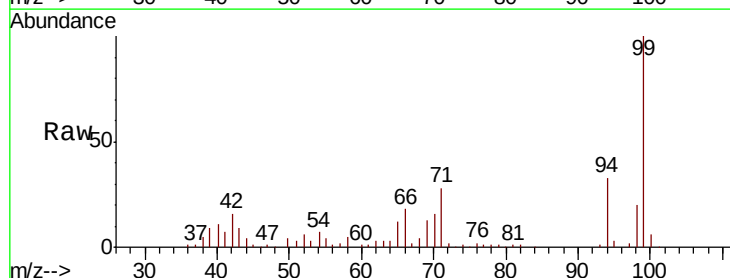
Tgt Ion: 94 Resp: 28425

Ion Ratio Lower Upper

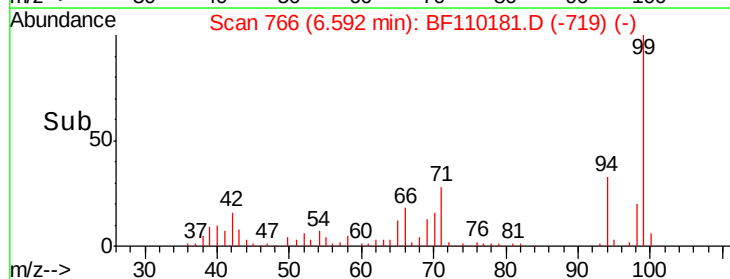
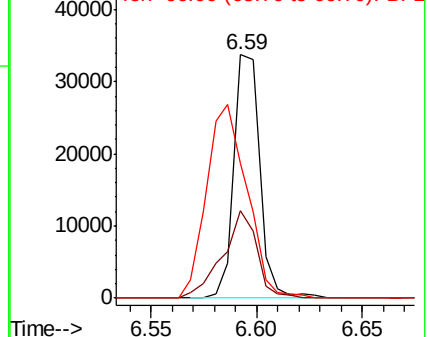
94 100

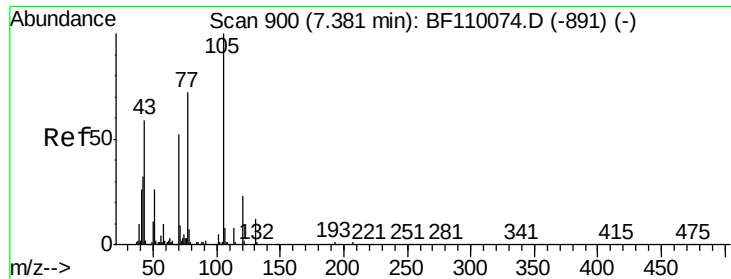
65 35.9 25.3 65.3

66 55.2 54.5 94.5



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

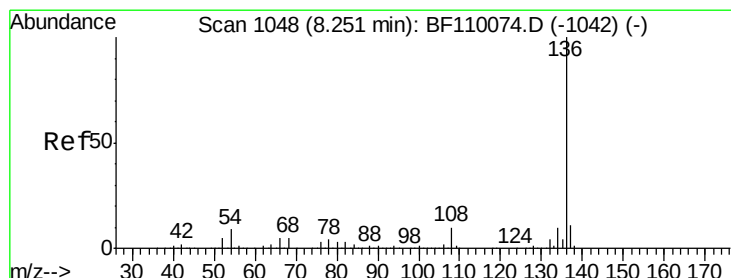
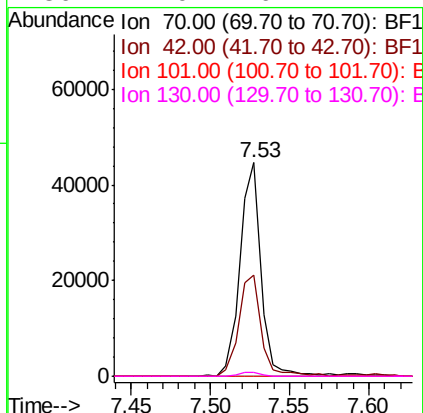
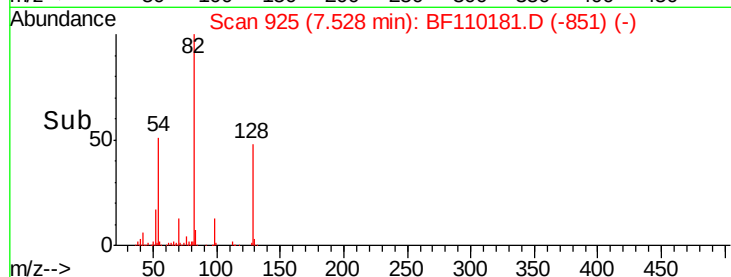
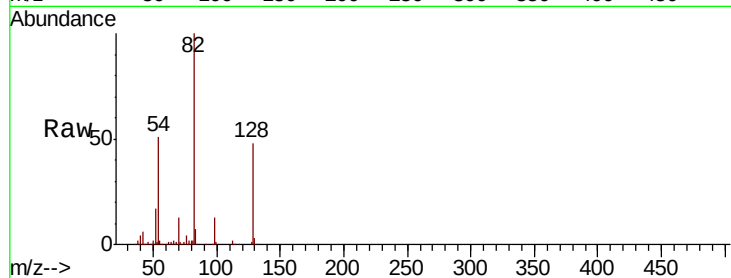




#19
n-Nitroso-di-n-propylamine
Concen: 5.779 ng
RT: 7.53 min Scan# 925
Delta R.T. 0.14 min
Lab File: BF110181.D
Acq: 26 Oct 2018 00:46

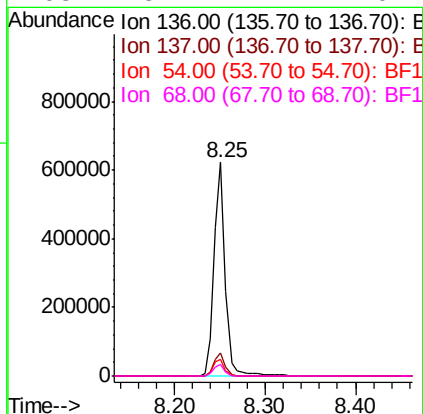
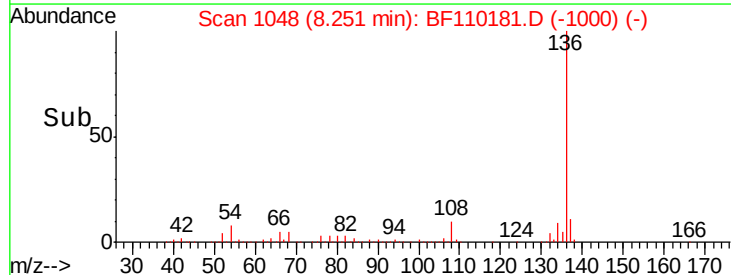
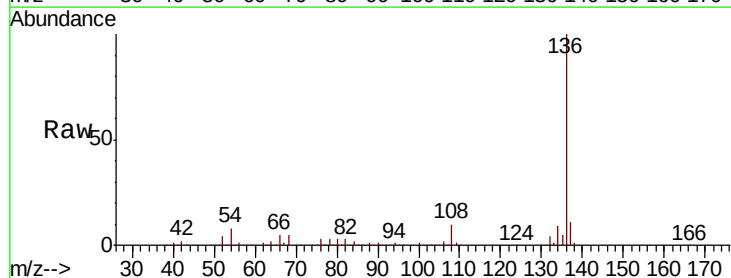
Instrument :
BNA_F
ClientSampleId :

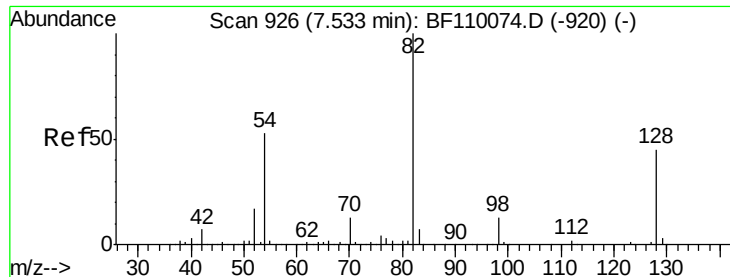
Tot Ion: 70 Resp: 41317
Ion Ratio Lower Upper
70 100
42 47.3 47.4 71.2#
101 0.0 7.3 10.9#
130 2.0 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.02 min
Lab File: BF110181.D
Acq: 26 Oct 2018 00:46

Tgt Ion: 136 Resp: 541244
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 7.6 5.4 8.2
68 5.2 4.2 6.2

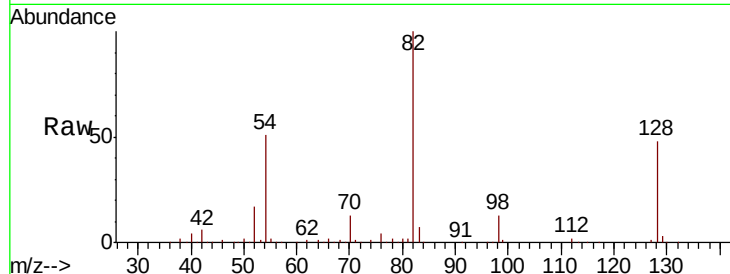




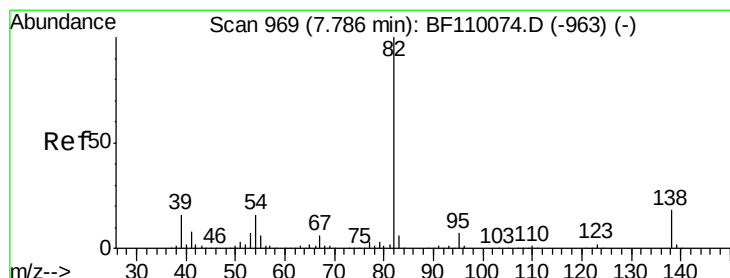
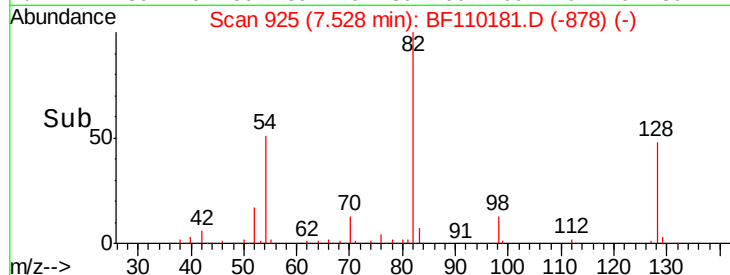
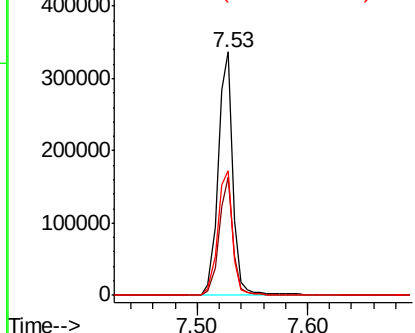
#23
Nitrobenzene-d5
Concen: 34.163 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.02 min
Lab File: BF110181.D
Acq: 26 Oct 2018 00:46

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 311744
Ion Ratio Lower Upper
82 100
128 48.5 34.2 51.2
54 51.1 38.6 58.0

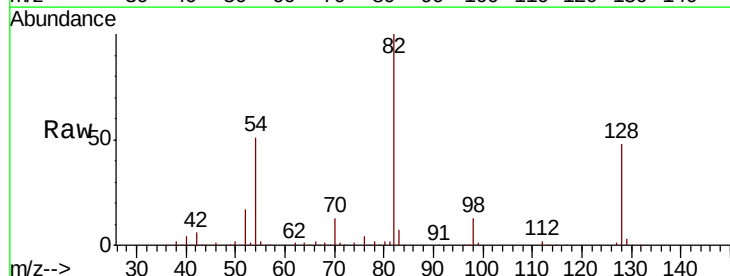


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

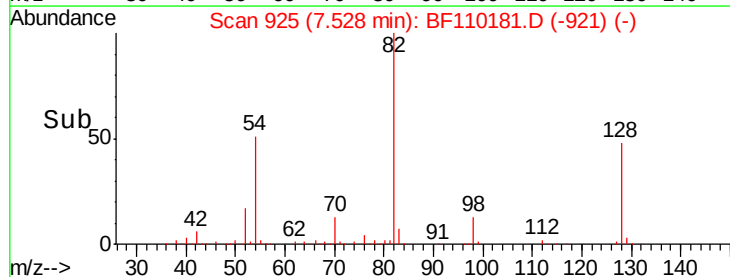
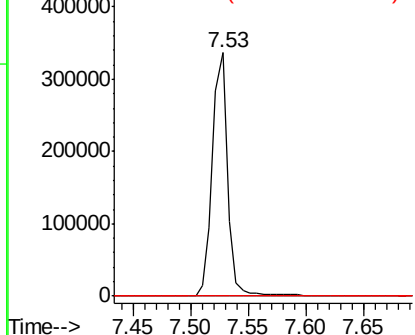


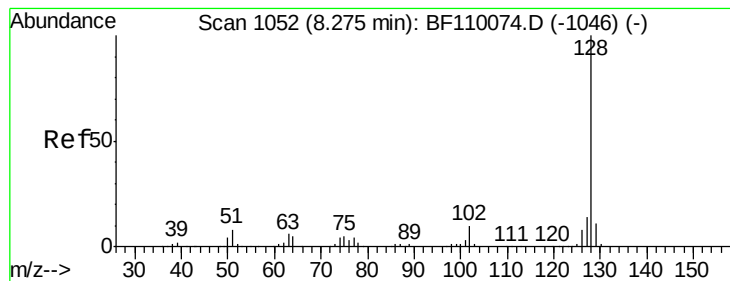
#25
Isophorone
Concen: 20.041 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.28 min
Lab File: BF110181.D
Acq: 26 Oct 2018 00:46

Tgt Ion: 82 Resp: 311740
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: 2.891 ng

RT: 8.27 min Scan# 1051

Delta R.T. -0.02 min

Lab File: BF110181.D

Acq: 26 Oct 2018 00:46

Instrument :

BNA_F

ClientSampled :

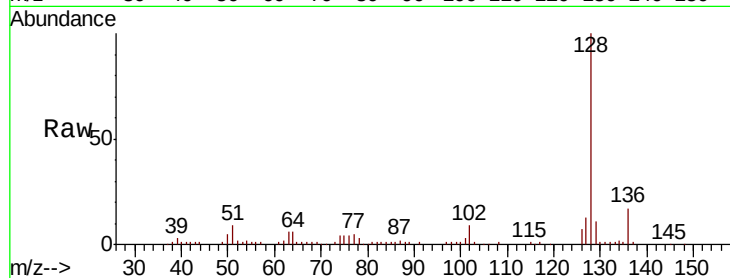
Tot Ion:128 Resp: 72117

Ion Ratio Lower Upper

128 100

129 11.1 8.8 13.2

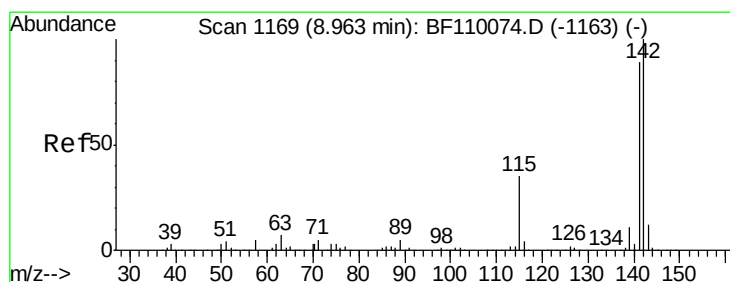
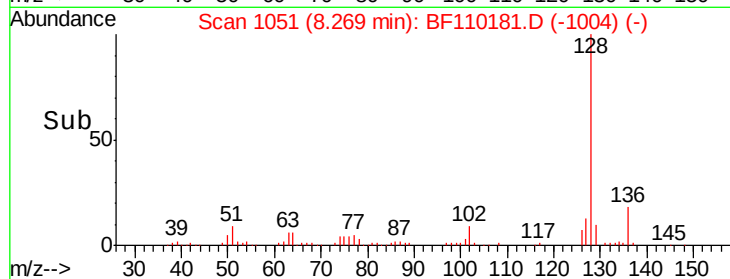
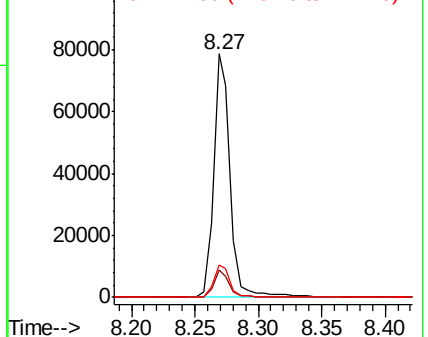
127 13.2 10.8 16.2



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



#37

2-Methylnaphthalene

Concen: 2.729 ng

RT: 8.96 min Scan# 1169

Delta R.T. -0.02 min

Lab File: BF110181.D

Acq: 26 Oct 2018 00:46

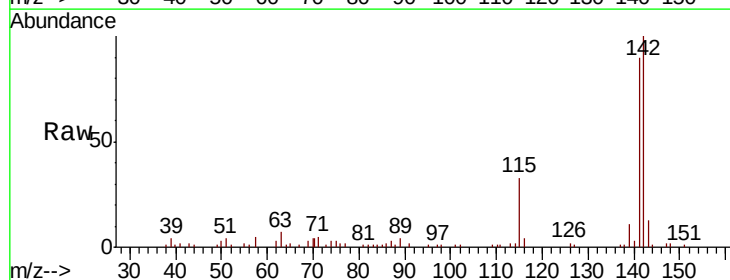
Tgt Ion:142 Resp: 45035

Ion Ratio Lower Upper

142 100

141 90.4 71.4 107.2

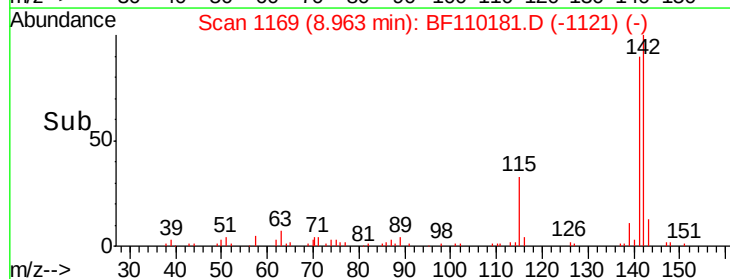
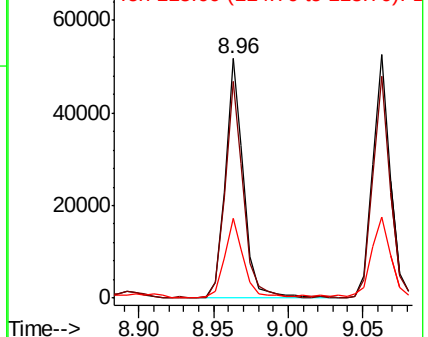
115 33.5 28.7 43.1

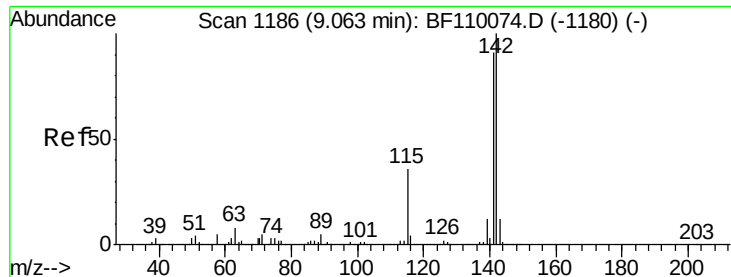


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

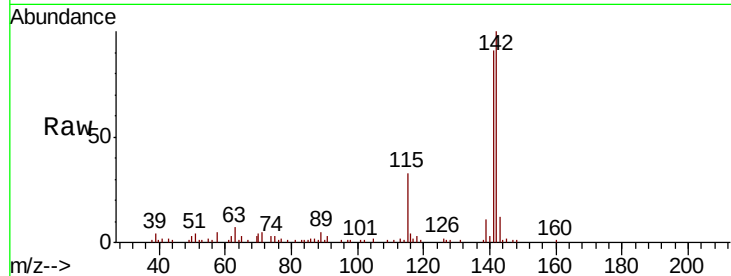




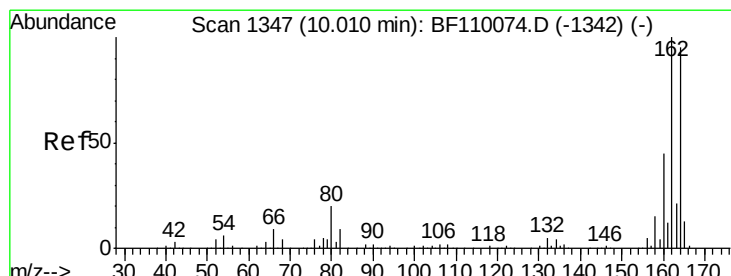
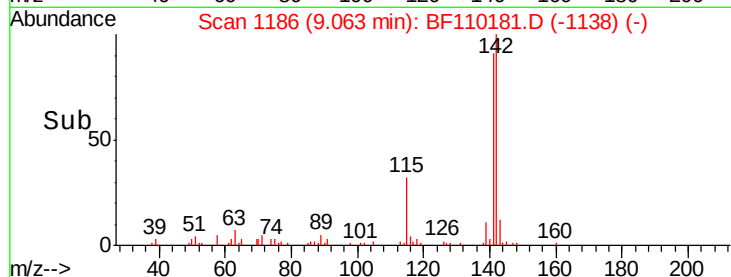
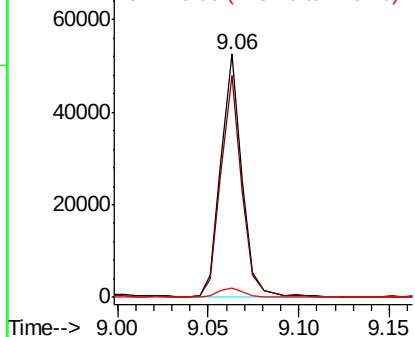
#38
1-Methylnaphthalene
Concen: 2.685 ng
RT: 9.06 min Scan# 1186
Delta R.T. -0.02 min
Lab File: BF110181.D
Acq: 26 Oct 2018 00:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 42830
Ion Ratio Lower Upper
142 100
141 91.3 74.2 111.4
116 3.7 2.6 4.0

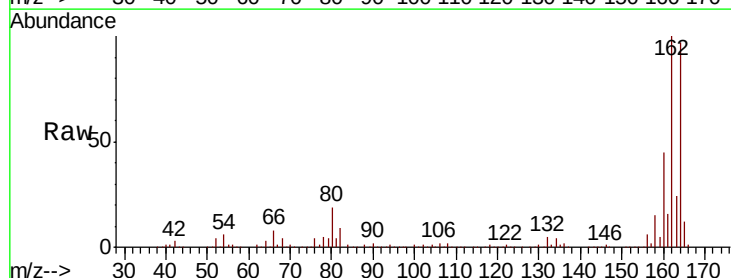


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

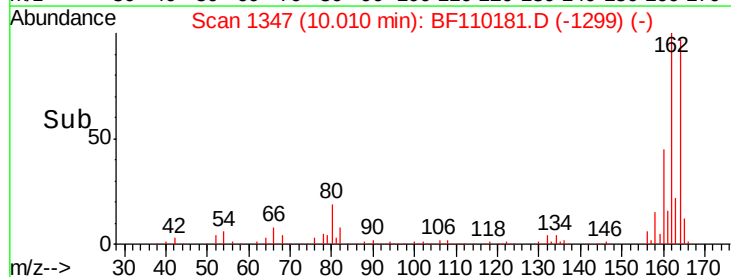
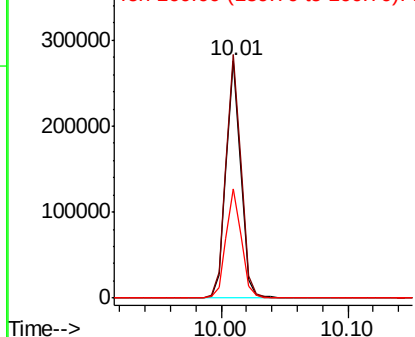


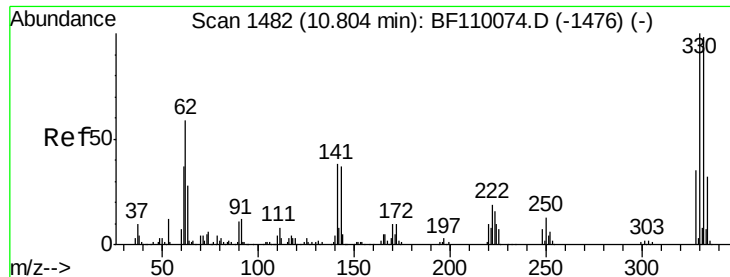
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.02 min
Lab File: BF110181.D
Acq: 26 Oct 2018 00:46

Tgt Ion:164 Resp: 223104
Ion Ratio Lower Upper
164 100
162 102.6 83.0 124.6
160 45.8 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

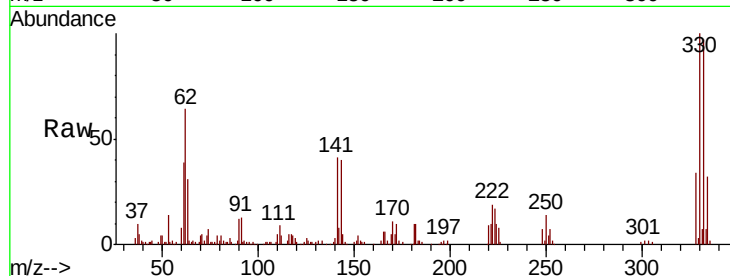




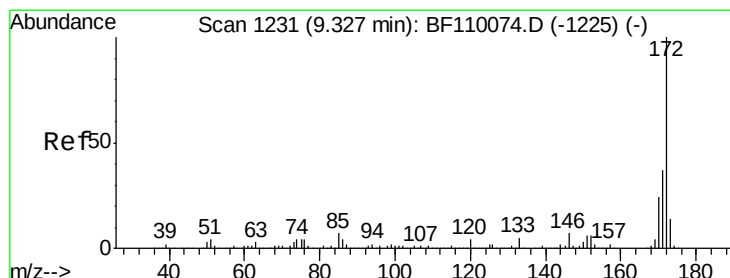
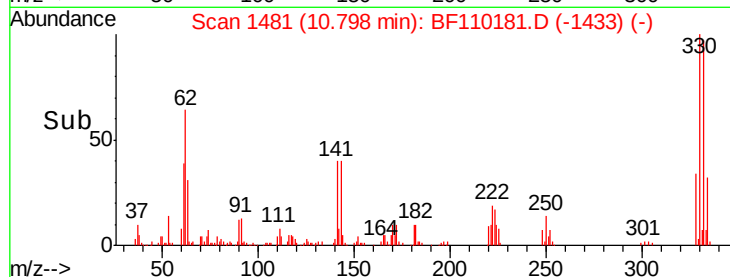
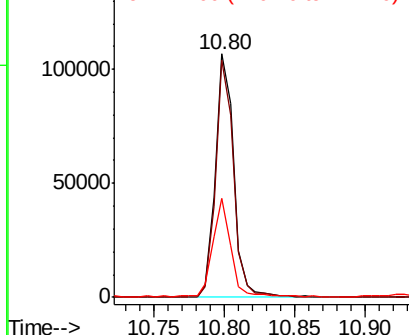
#42
 2,4,6-Tribromophenol
 Concen: 43.720 ng
 RT: 10.80 min Scan# 1481
 Delta R.T. -0.02 min
 Lab File: BF110181.D
 Acq: 26 Oct 2018 00:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 96620
 Ion Ratio Lower Upper
 330 100
 332 95.5 77.1 115.7
 141 40.4 27.0 40.4

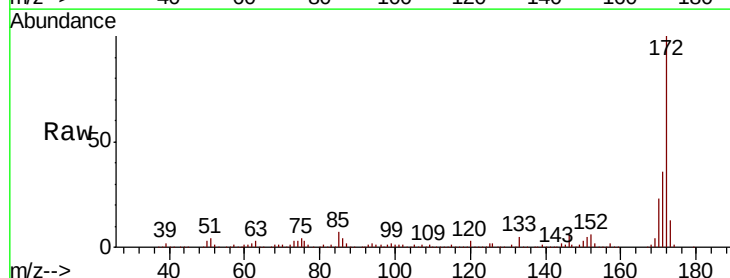


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

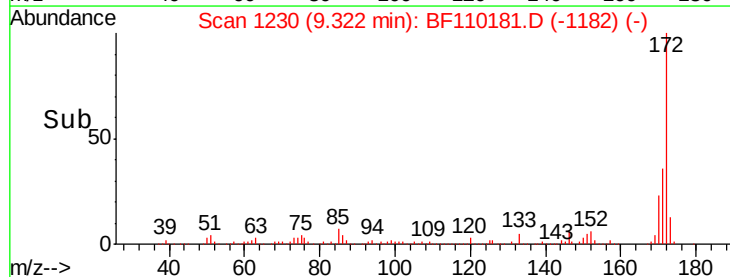
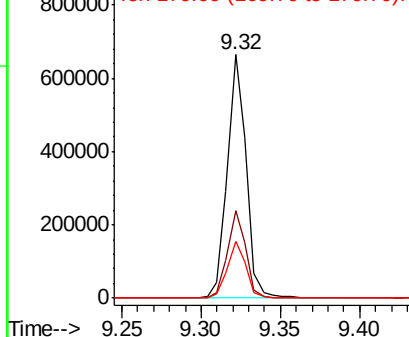


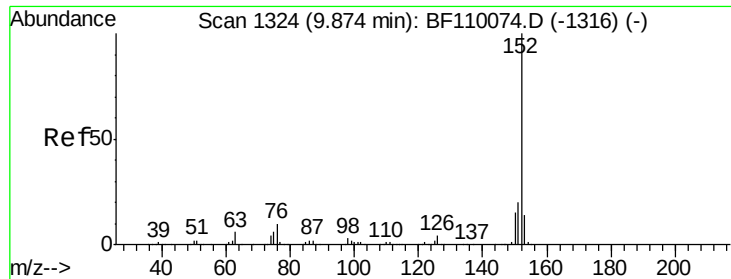
#45
 2-Fluorobiphenyl
 Concen: 38.417 ng
 RT: 9.32 min Scan# 1230
 Delta R.T. -0.02 min
 Lab File: BF110181.D
 Acq: 26 Oct 2018 00:46

Tgt Ion:172 Resp: 545828
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.6 43.0
 170 23.3 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: 2.687 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.02 min

Lab File: BF110181.D

Acq: 26 Oct 2018 00:46

Instrument :

BNA_F

ClientSampleId :

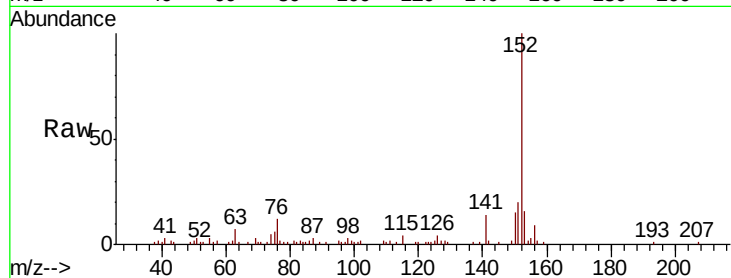
Tot Ion:152 Resp: 57437

Ion Ratio Lower Upper

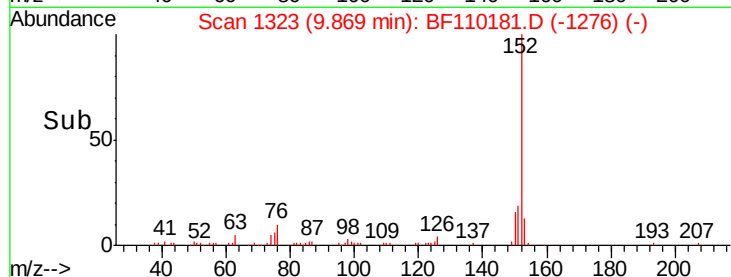
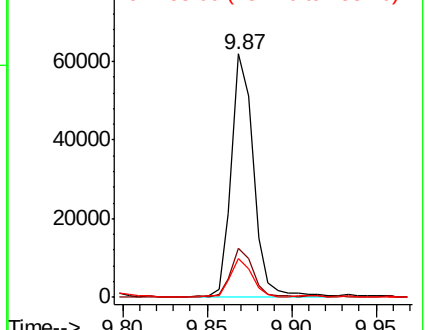
152 100

151 19.9 15.8 23.8

153 16.0 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



#50

Dimethylphthalate

Concen: 3.484 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.02 min

Lab File: BF110181.D

Acq: 26 Oct 2018 00:46

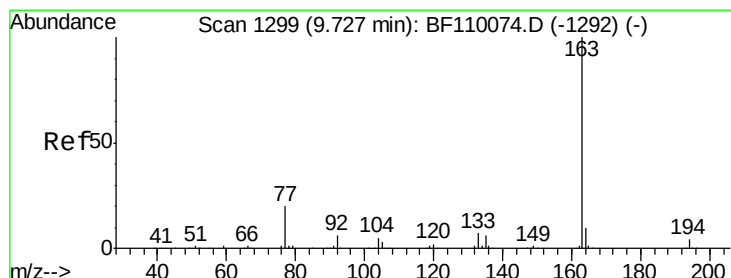
Tgt Ion:163 Resp: 57384

Ion Ratio Lower Upper

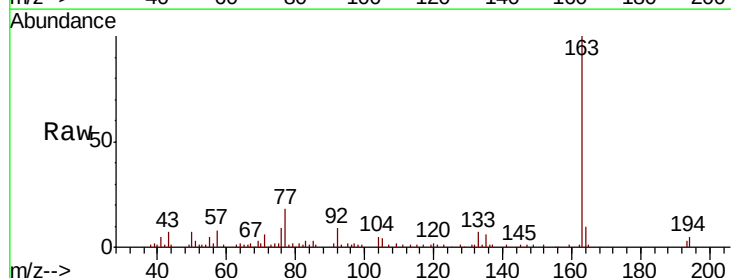
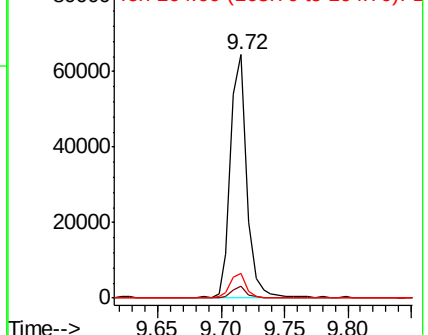
163 100

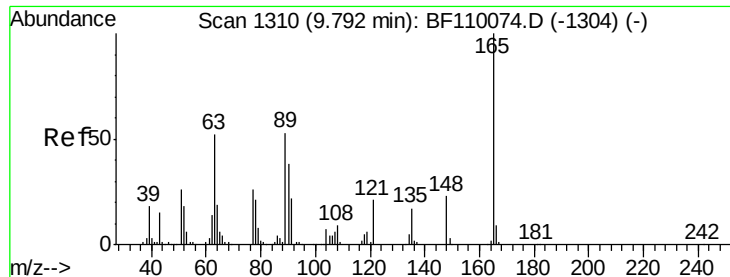
194 4.9 3.2 4.8#

164 10.0 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 8.670 ng

RT: 10.01 min Scan# 1347

Delta R.T. 0.21 min

Lab File: BF110181.D

Acq: 26 Oct 2018 00:46

Instrument :

BNA_F

ClientSampleId :

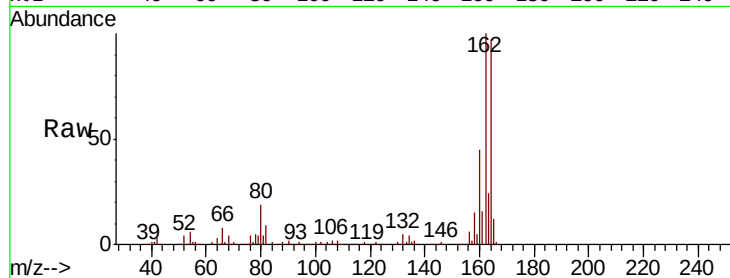
Tot Ion:165 Resp: 30755

Ion Ratio Lower Upper

165 100

63 1.5 48.9 73.3#

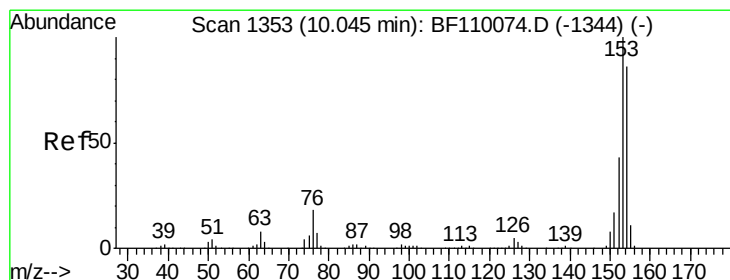
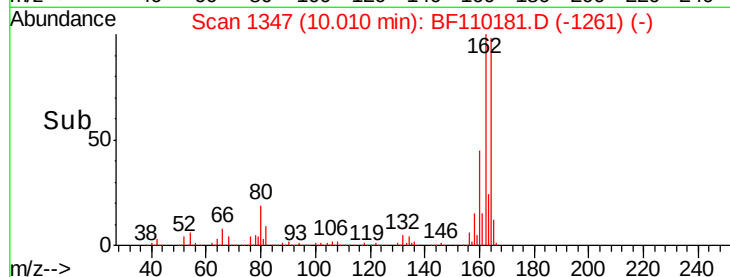
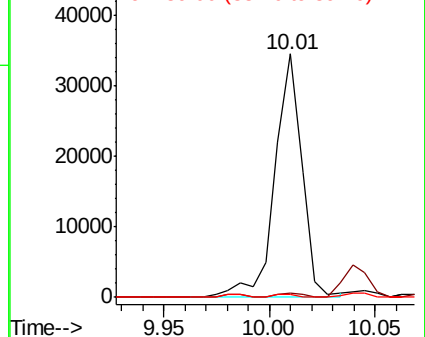
89 1.4 46.6 69.8#



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



#52

Acenaphthene

Concen: 3.448 ng

RT: 10.04 min Scan# 1352

Delta R.T. -0.02 min

Lab File: BF110181.D

Acq: 26 Oct 2018 00:46

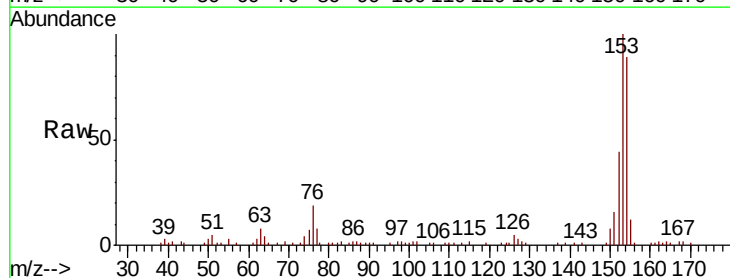
Tgt Ion:154 Resp: 48755

Ion Ratio Lower Upper

154 100

153 113.0 90.1 135.1

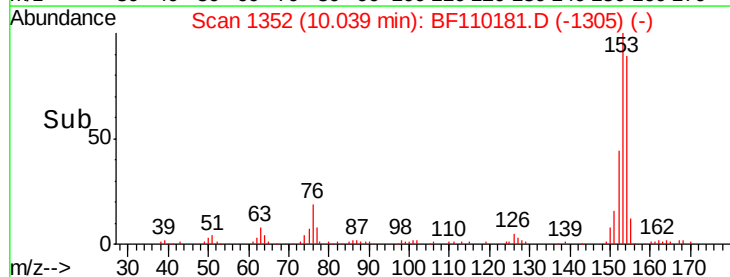
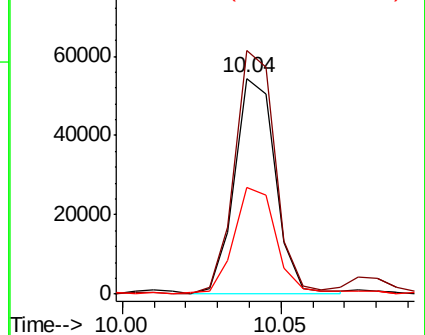
152 49.5 43.4 65.2

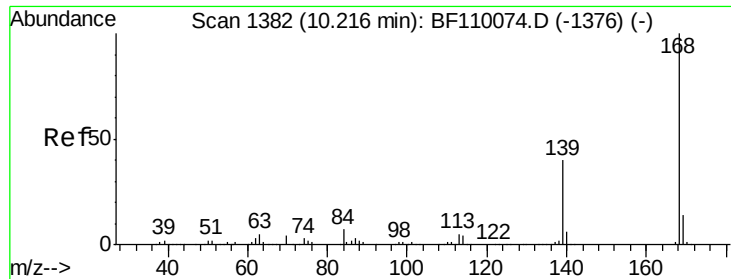


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

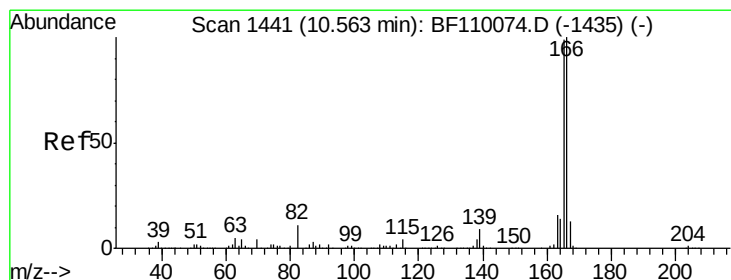
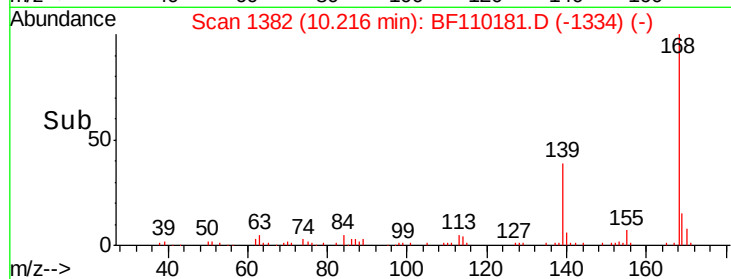
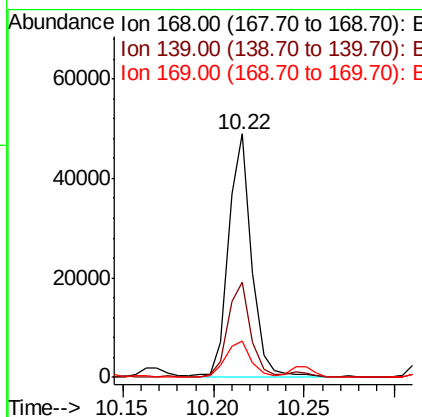
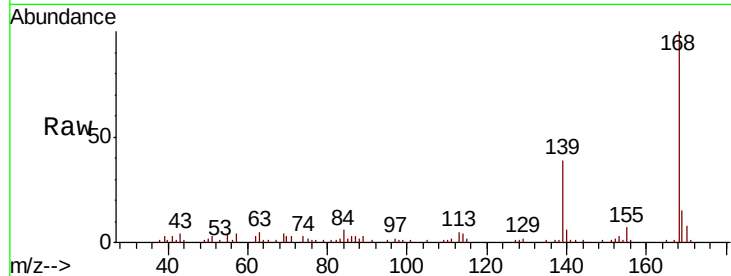




#55
Dibenzofuran
Concen: 2.195 ng
RT: 10.22 min Scan# 1382
Delta R.T. -0.02 min
Lab File: BF110181.D
Acq: 26 Oct 2018 00:46

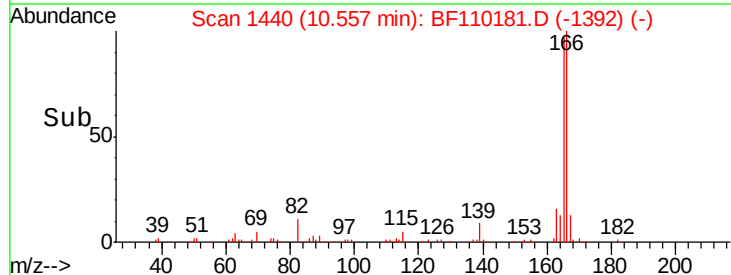
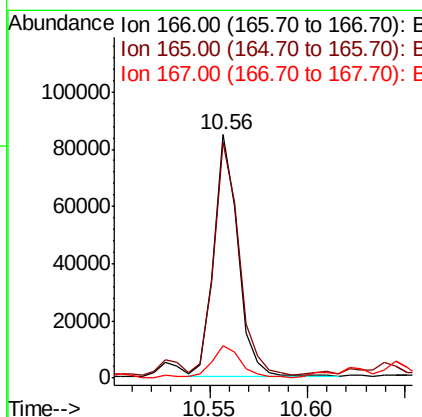
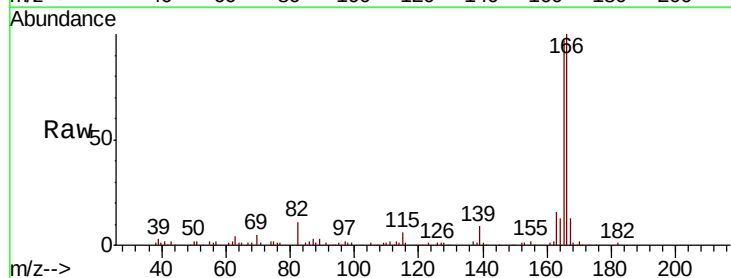
Instrument :
BNA_F
ClientSampleId :

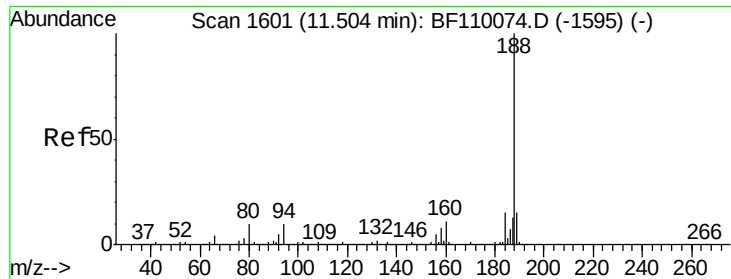
Tot Ion:168 Resp: 43465
Ion Ratio Lower Upper
168 100
139 38.9 33.0 49.6
169 15.0 11.3 16.9



#58
Fluorene
Concen: 4.951 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.02 min
Lab File: BF110181.D
Acq: 26 Oct 2018 00:46

Tgt Ion:166 Resp: 72949
Ion Ratio Lower Upper
166 100
165 96.9 78.6 117.8
167 13.3 10.8 16.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.50 min Scan# 1601

Delta R.T. -0.01 min

Lab File: BF110181.D

Acq: 26 Oct 2018 00:46

Instrument :

BNA_F

ClientSampled :

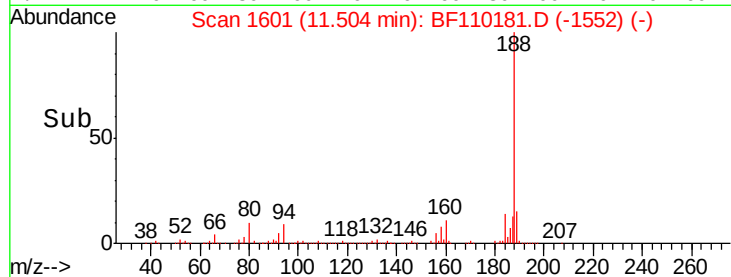
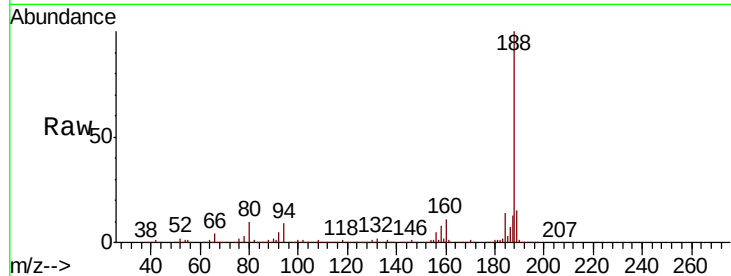
Tot Ion:188 Resp: 367841

Ion Ratio Lower Upper

188 100

94 9.0 7.2 10.8

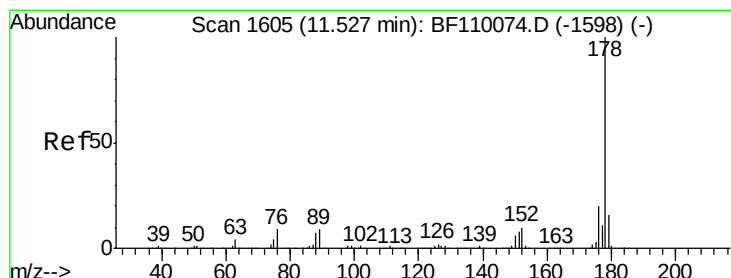
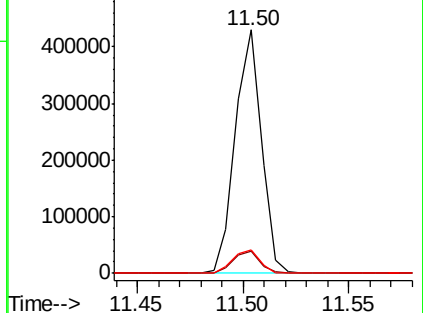
80 9.8 7.9 11.9



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: 23.541 ng

RT: 11.53 min Scan# 1605

Delta R.T. -0.02 min

Lab File: BF110181.D

Acq: 26 Oct 2018 00:46

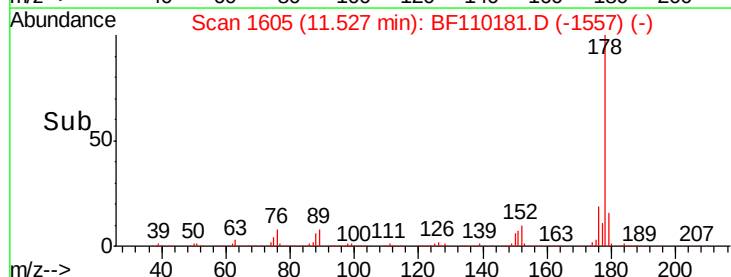
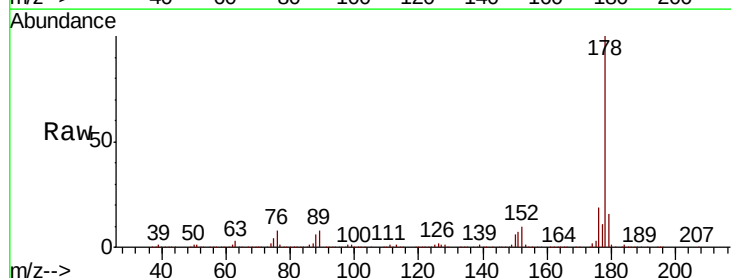
Tgt Ion:178 Resp: 453094

Ion Ratio Lower Upper

178 100

176 19.0 15.5 23.3

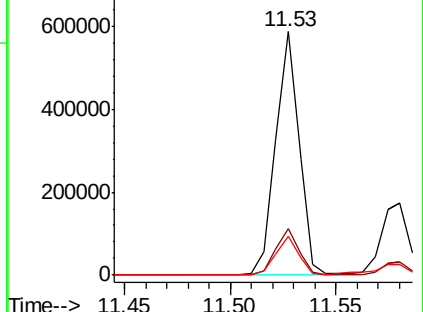
179 15.8 12.5 18.7

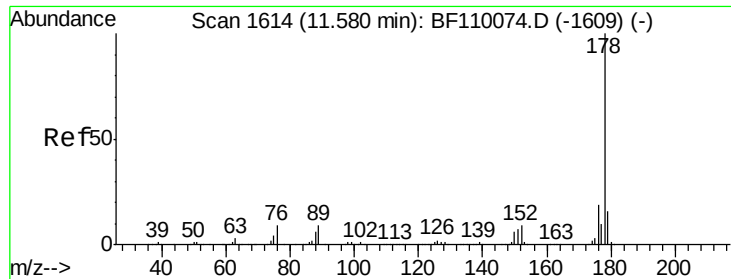


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Anthracene

Concen: 7.835 ng

RT: 11.58 min Scan# 1614

Delta R.T. -0.02 min

Lab File: BF110181.D

Acq: 26 Oct 2018 00:46

Instrument :

BNA_F

ClientSampleId :

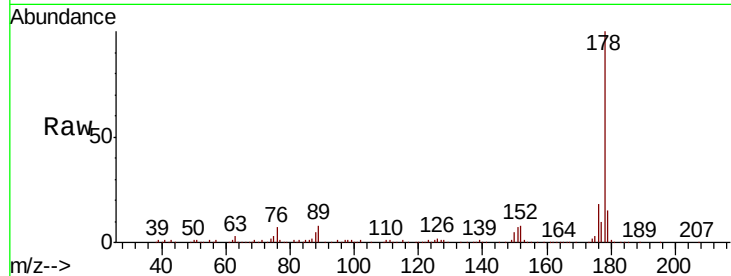
Tot Ion:178 Resp: 151162

Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.4	23.2
179	15.3	12.6	18.8

178 100

176 18.1 15.4 23.2

179 15.3 12.6 18.8

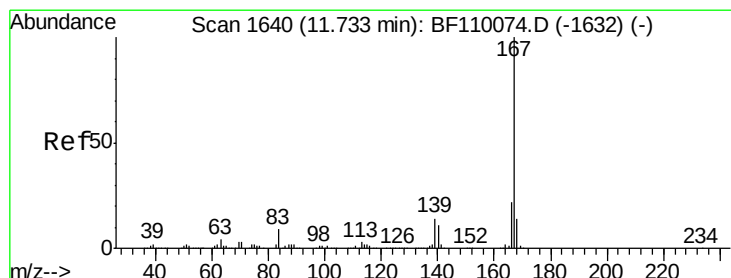
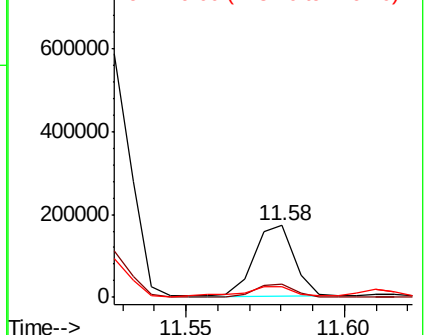
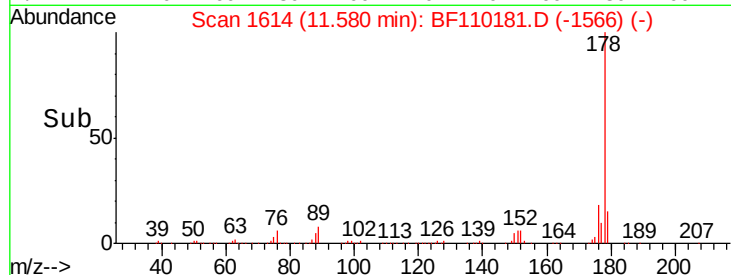


Abundance

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: 2.468 ng

RT: 11.73 min Scan# 1640

Delta R.T. -0.01 min

Lab File: BF110181.D

Acq: 26 Oct 2018 00:46

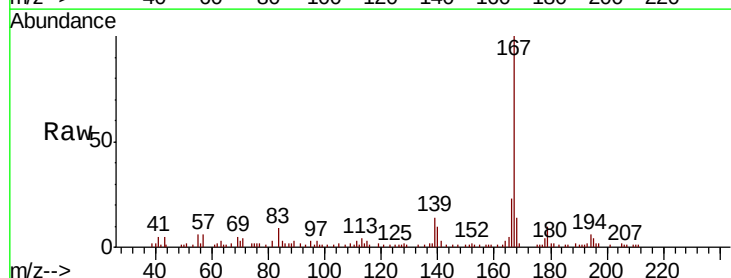
Tgt Ion:167 Resp: 46484

Ion	Ratio	Lower	Upper
167	100		
166	23.5	17.4	26.0
139	14.1	10.9	16.3

167 100

166 23.5 17.4 26.0

139 14.1 10.9 16.3

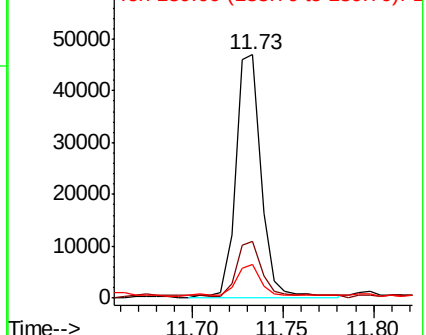
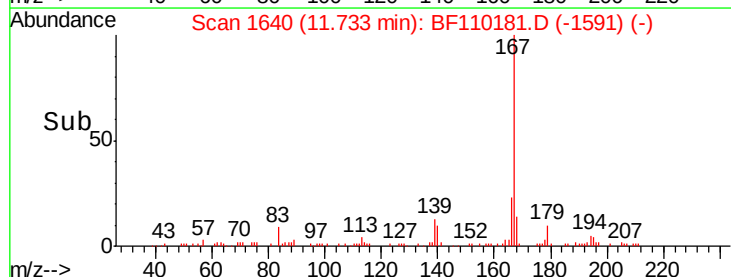


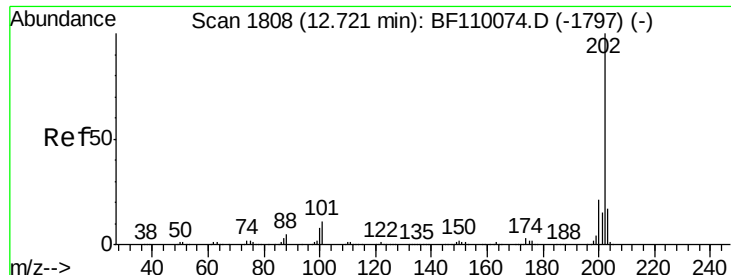
Abundance

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: 41.872 ng

RT: 12.72 min Scan# 1808

Delta R.T. -0.01 min

Lab File: BF110181.D

Acq: 26 Oct 2018 00:46

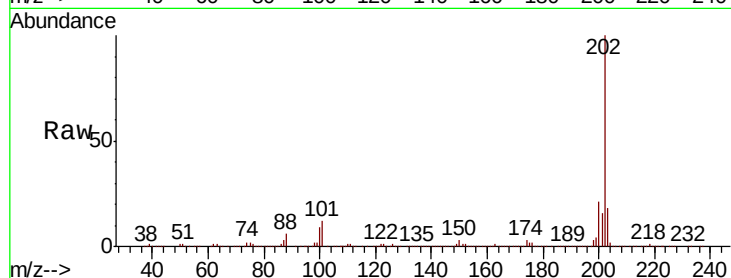
Instrument :

BNA_F

ClientSampleId :

Tot Ion:202 Resp: 817910

Ion	Ratio	Lower	Upper
202	100		
101	11.9	0.0	31.4
203	17.9	0.0	37.7

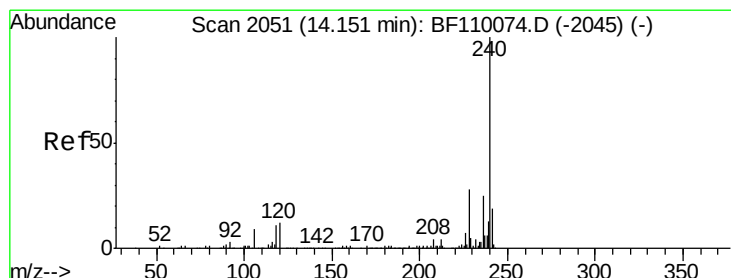
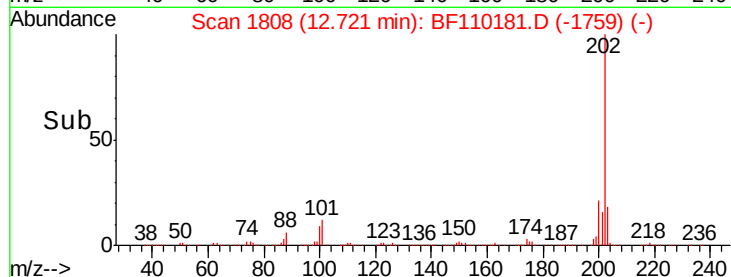
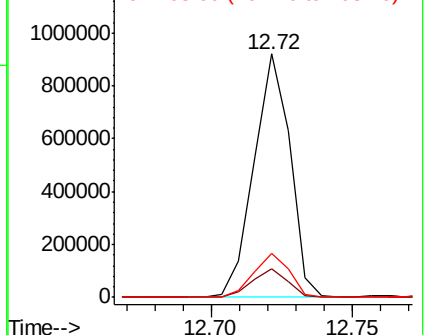


Abundance

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: 14.15 min Scan# 2051

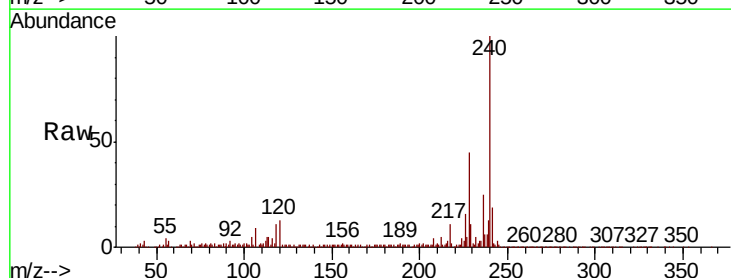
Delta R.T. -0.01 min

Lab File: BF110181.D

Acq: 26 Oct 2018 00:46

Tgt Ion:240 Resp: 245261

Ion	Ratio	Lower	Upper
240	100		
120	13.0	8.3	12.5#
236	25.1	21.2	31.8

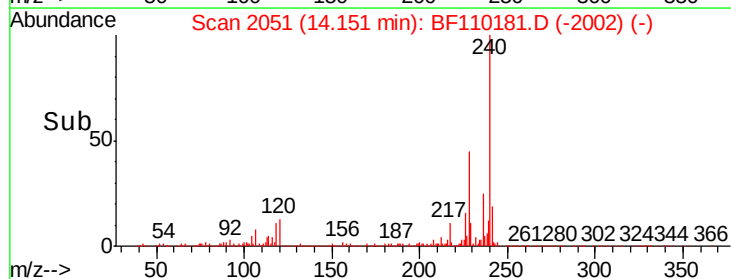
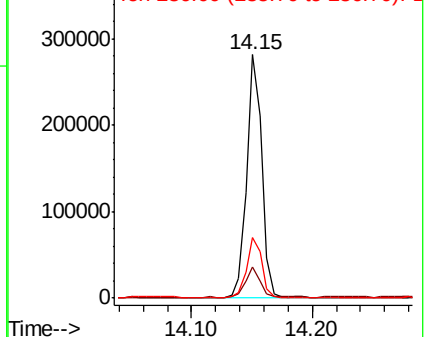


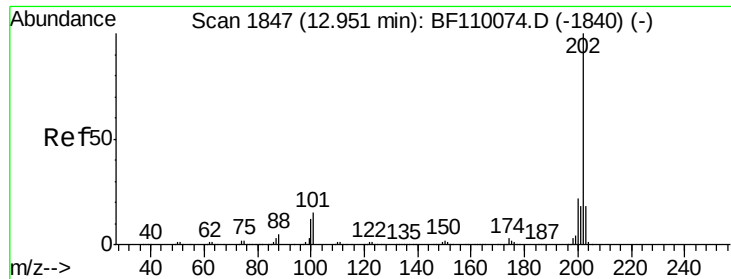
Abundance

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: 47.946 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.01 min

Lab File: BF110181.D

Acq: 26 Oct 2018 00:46

Instrument :

BNA_F

ClientSampleId :

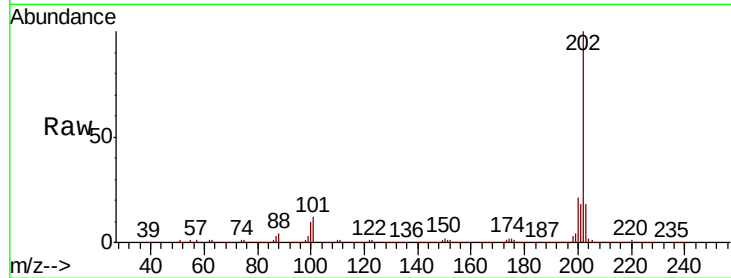
Tot Ion:202 Resp: 843035

Ion Ratio Lower Upper

202 100

200 21.0 17.8 26.6

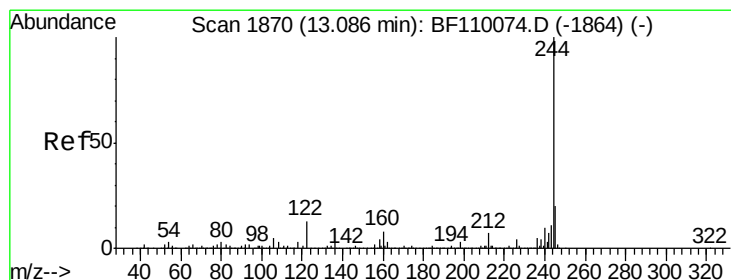
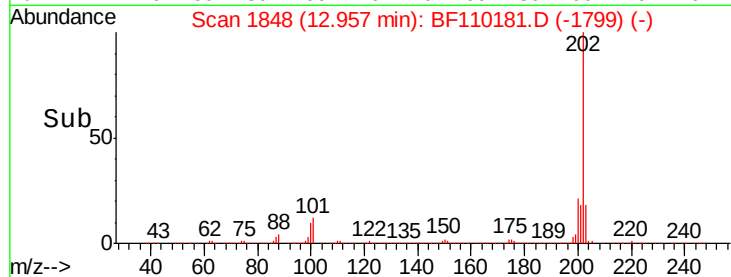
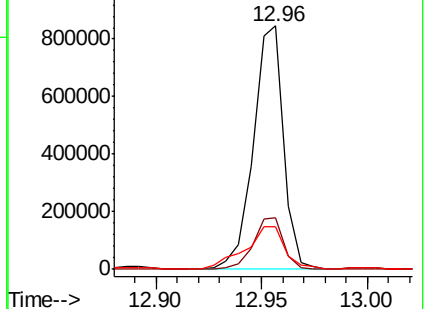
203 17.7 14.2 21.4



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: 35.652 ng

RT: 13.09 min Scan# 1870

Delta R.T. -0.02 min

Lab File: BF110181.D

Acq: 26 Oct 2018 00:46

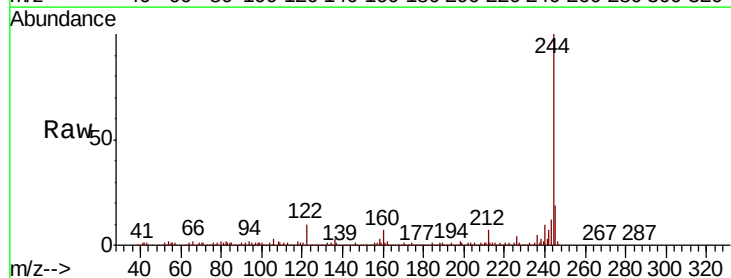
Tgt Ion:244 Resp: 420450

Ion Ratio Lower Upper

244 100

212 6.5 5.8 8.8

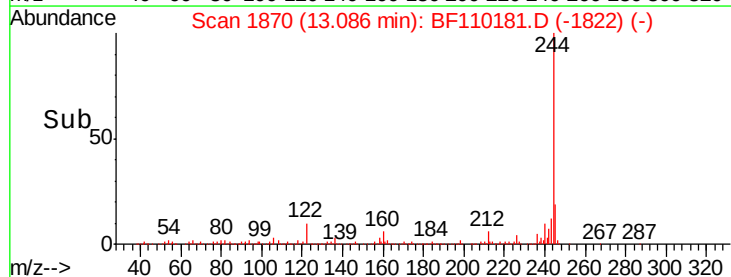
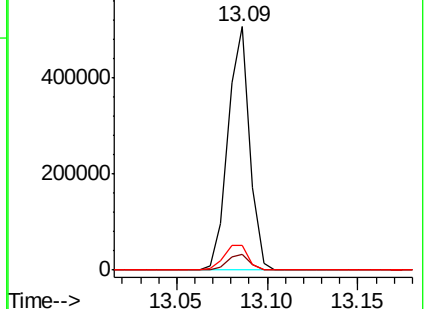
122 10.4 8.7 13.1

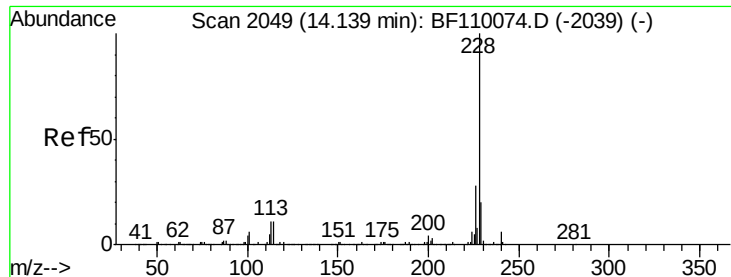


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

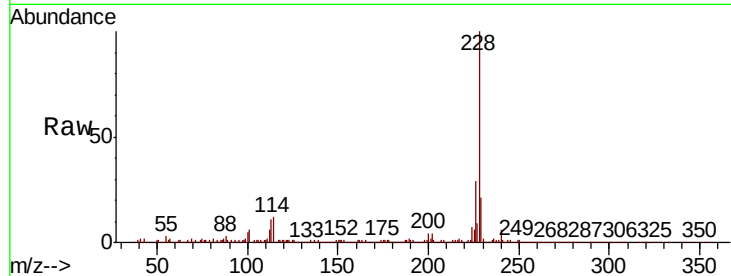




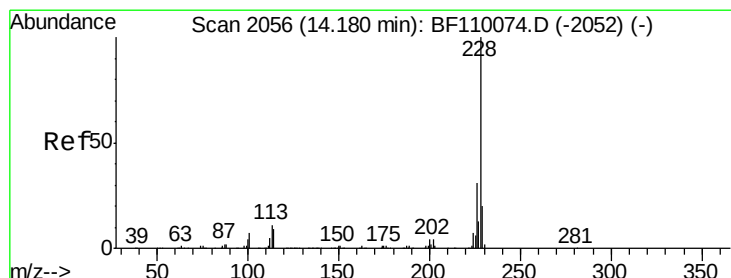
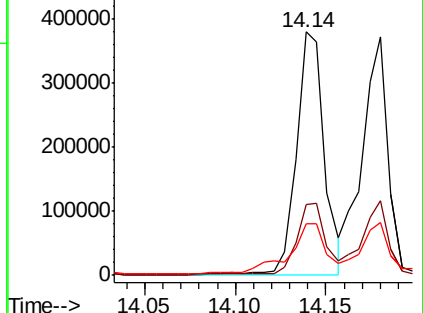
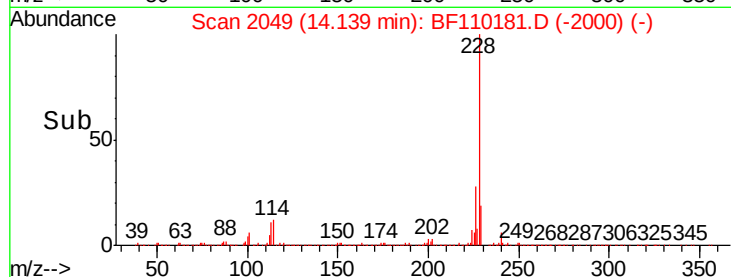
#81
Benzo(a)anthracene
Concen: 28.116 ng
RT: 14.14 min Scan# 2049
Delta R.T. -0.01 min
Lab File: BF110181.D
Acq: 26 Oct 2018 00:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:228 Resp: 408931
Ion Ratio Lower Upper
228 100
226 28.9 22.1 33.1
229 21.3 15.6 23.4

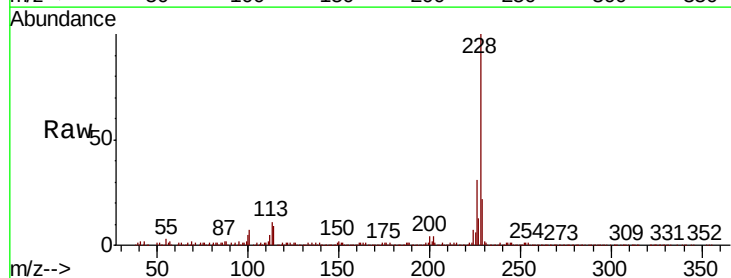


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

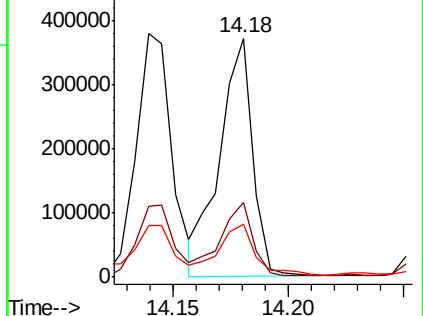
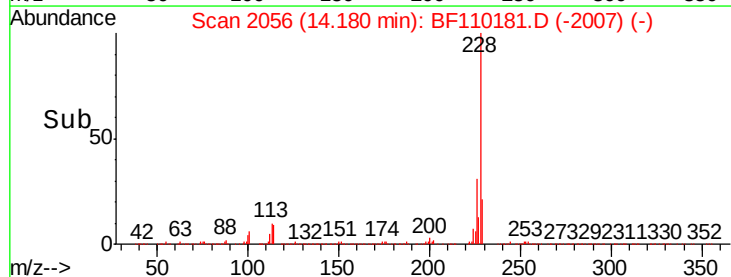


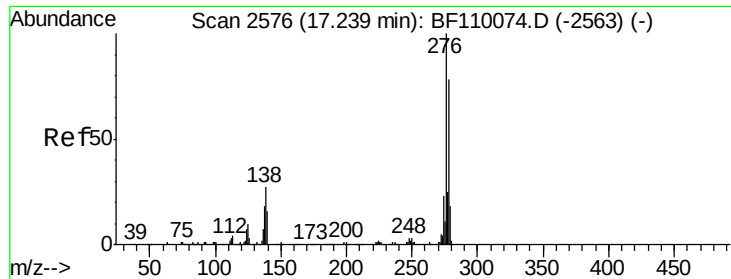
#83
Chrysene
Concen: 26.723 ng
RT: 14.18 min Scan# 2056
Delta R.T. -0.01 min
Lab File: BF110181.D
Acq: 26 Oct 2018 00:46

Tgt Ion:228 Resp: 369163
Ion Ratio Lower Upper
228 100
226 31.2 24.7 37.1
229 22.4 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

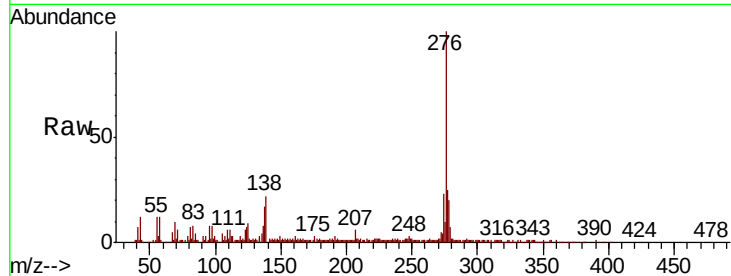




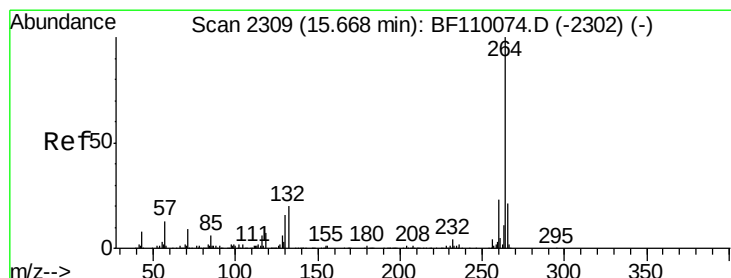
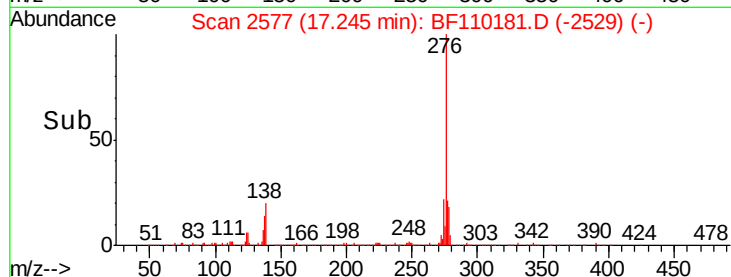
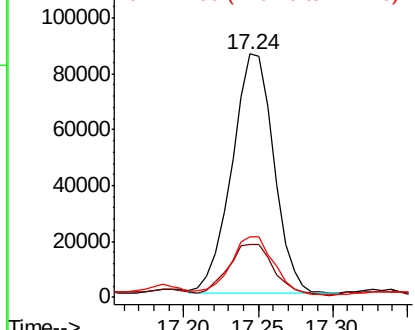
#86
Indeno(1,2,3-cd)pyrene
Concen: 14.635 ng
RT: 17.24 min Scan# 2577
Delta R.T. -0.02 min
Lab File: BF110181.D
Acq: 26 Oct 2018 00:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:276 Resp: 167722
Ion Ratio Lower Upper
276 100
138 23.2 18.5 27.7
277 24.5 20.0 30.0

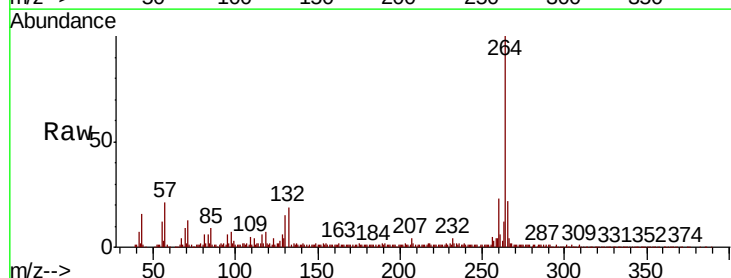


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

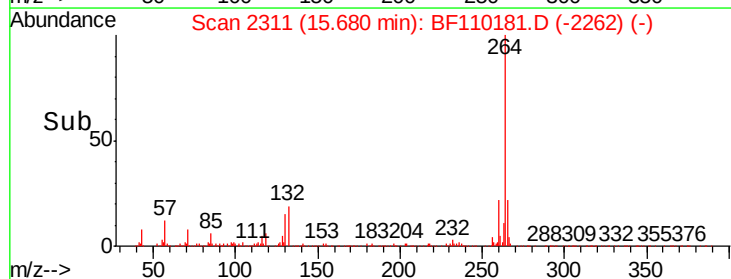
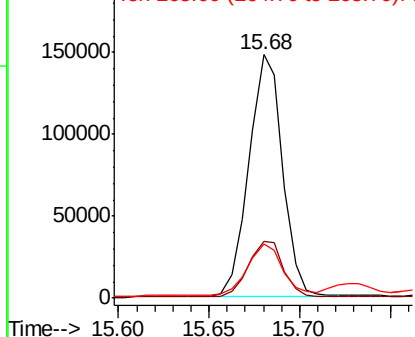


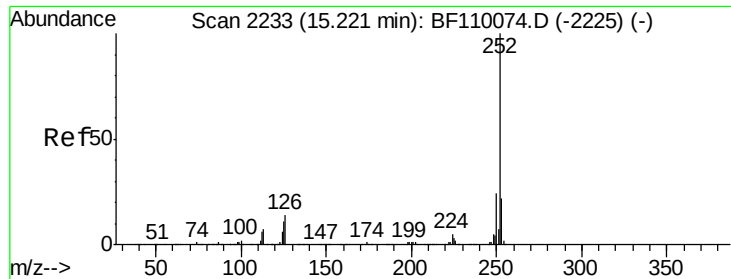
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2311
Delta R.T. -0.01 min
Lab File: BF110181.D
Acq: 26 Oct 2018 00:46

Tgt Ion:264 Resp: 191051
Ion Ratio Lower Upper
264 100
260 23.1 18.7 28.1
265 22.4 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

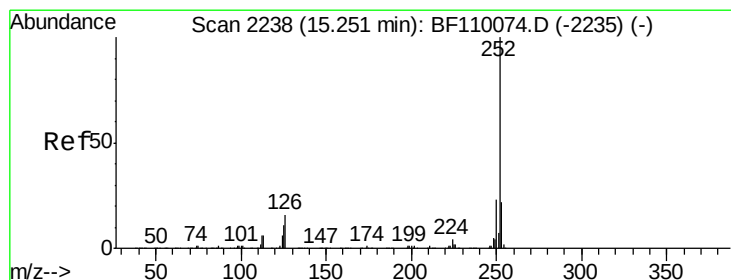
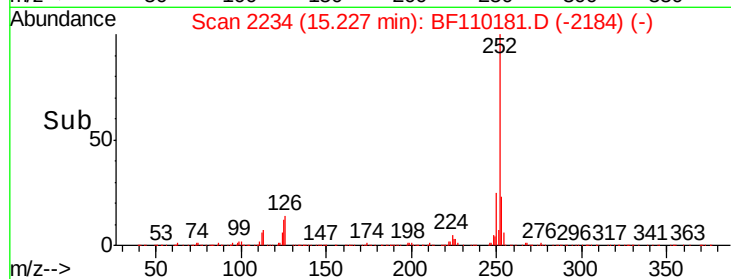
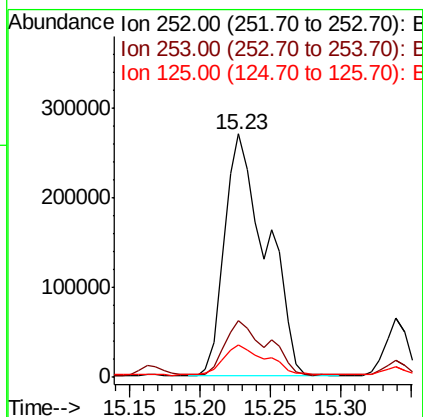
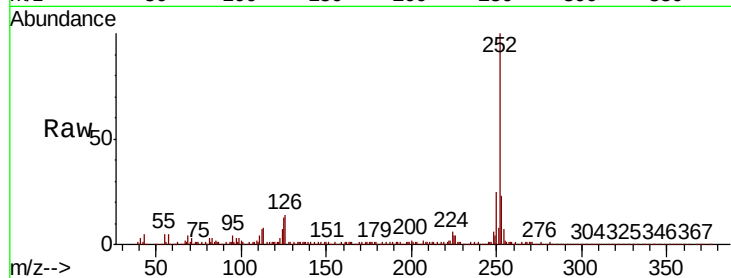




#88
Benzo(b)fluoranthene
Concen: 50.466 ng
RT: 15.23 min Scan# 2234
Delta R.T. -0.01 min
Lab File: BF110181.D
Acq: 26 Oct 2018 00:46

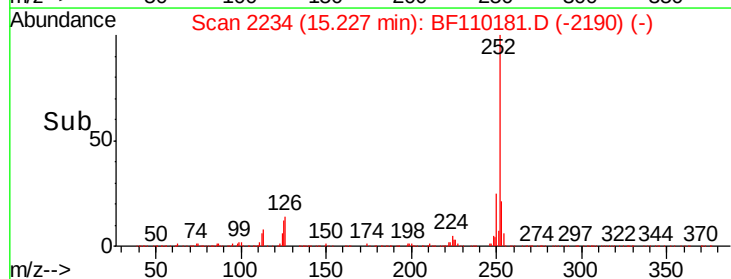
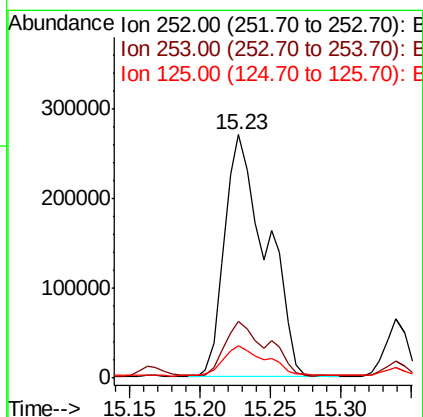
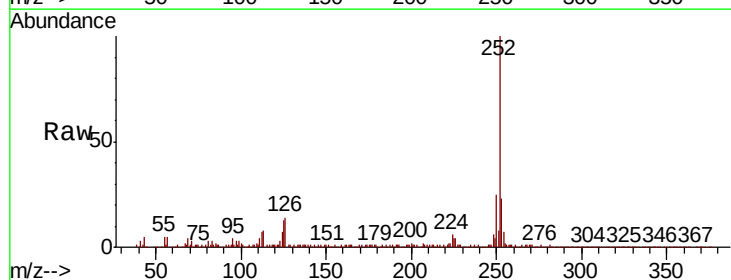
Instrument :
BNA_F
ClientSampleId :

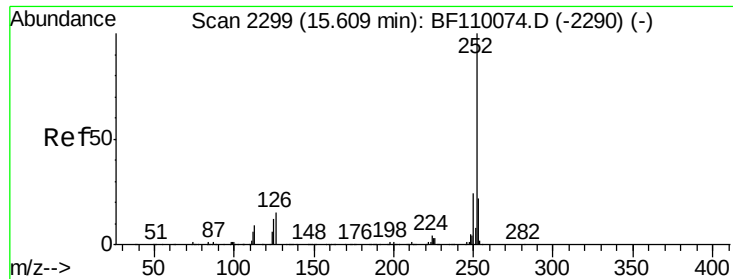
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.2	25.8
125	13.1	8.2	12.4



#89
Benzo(k)fluoranthene
Concen: 51.333 ng
RT: 15.23 min Scan# 2234
Delta R.T. -0.04 min
Lab File: BF110181.D
Acq: 26 Oct 2018 00:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.2	25.8
125	13.1	7.4	11.0

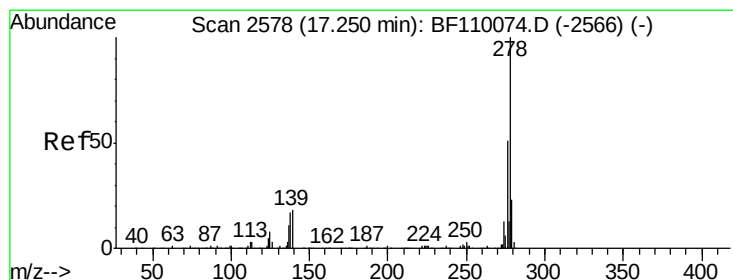
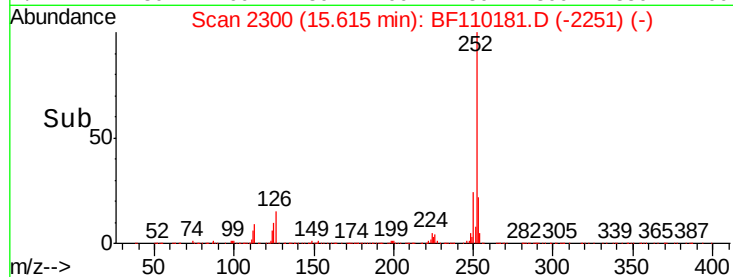
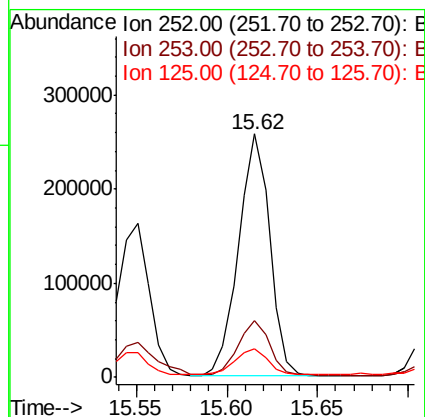
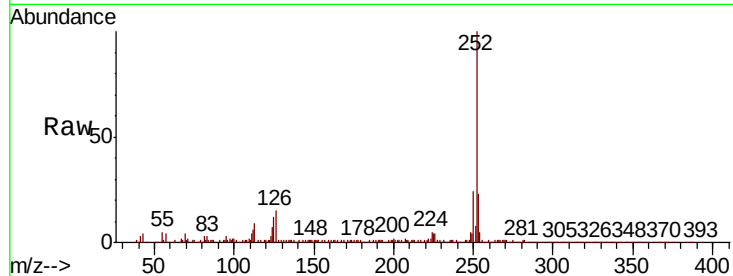




#90
Benzo(a)pyrene
Concen: 30.477 ng
RT: 15.62 min Scan# 2300
Delta R.T. -0.01 min
Lab File: BF110181.D
Acq: 26 Oct 2018 00:46

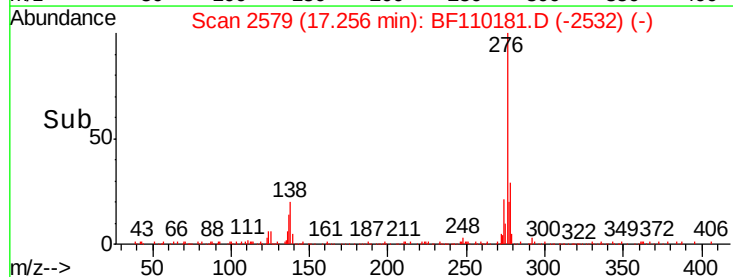
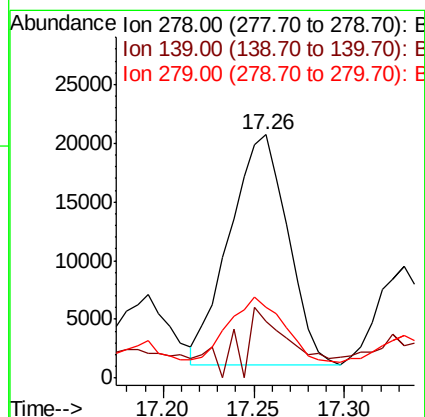
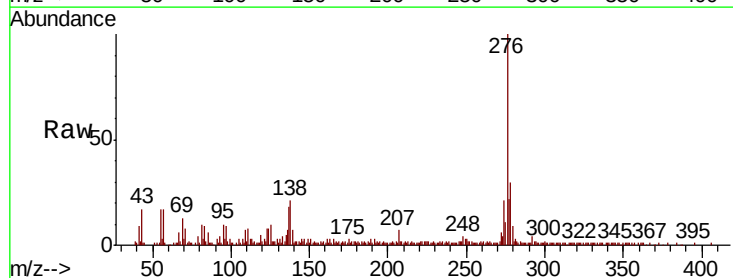
Instrument :
BNA_F
ClientSampleId :

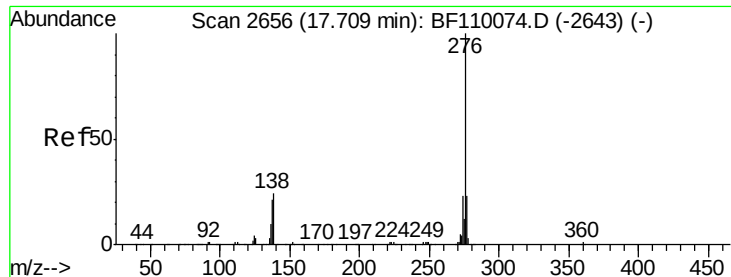
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.2	27.4
125	11.9	9.0	13.6



#91
Dibenzo(a,h)anthracene
Concen: 4.975 ng
RT: 17.26 min Scan# 2579
Delta R.T. -0.02 min
Lab File: BF110181.D
Acq: 26 Oct 2018 00:46

Tgt Ion	Ratio	Lower	Upper
278	100		
139	23.1	12.7	19.1#
279	29.3	19.0	28.4#





#92

Benzo(a,h,i)perylene

Concen: 18.236 ng

RT: 17.72 min Scan# 2658

Delta R.T. -0.02 min

Lab File: BF110181.D

Acq: 26 Oct 2018 00:46

Instrument :

BNA_F

ClientSampleId :

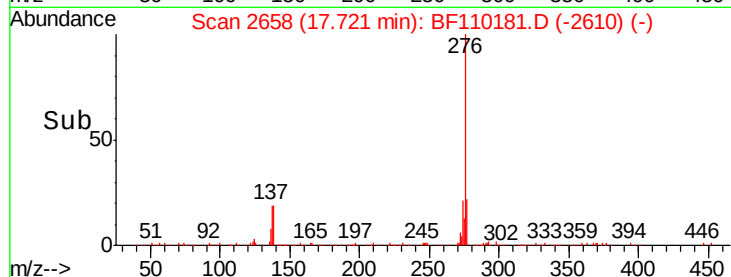
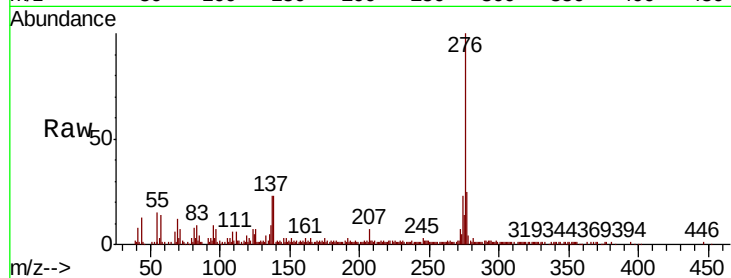
Tot Ion: 276 Resp: 157407

Ion Ratio Lower Upper

276 100

277 24.9 18.8 28.2

138 23.3 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

