

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103118\
 Data File : BF110327.D
 Acq On : 31 Oct 2018 12:45
 Operator : JU/SJ
 Sample : J5377-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 31 14:17:04 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 29 17:29:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	84115	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	338475	20.00	ng	0.00
39) Acenaphthene-d10	10.02	164	161082	20.00	ng	0.00
64) Phenanthrene-d10	11.51	188	294027	20.00	ng	0.00
76) Chrysene-d12	14.16	240	185085	20.00	ng	0.00
87) Perylene-d12	15.70	264	177554	20.00	ng	0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	613933	118.86	ng	0.01
7) Phenol-d6	6.60	99	778861	117.89	ng	0.00
23) Nitrobenzene-d5	7.53	82	490218	85.90	ng	0.00
42) 2,4,6-Tribromophenol	10.81	330	185783	116.43	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	874787	85.28	ng	0.00
79) Terphenyl-d14	13.10	244	768099	86.31	ng	0.00

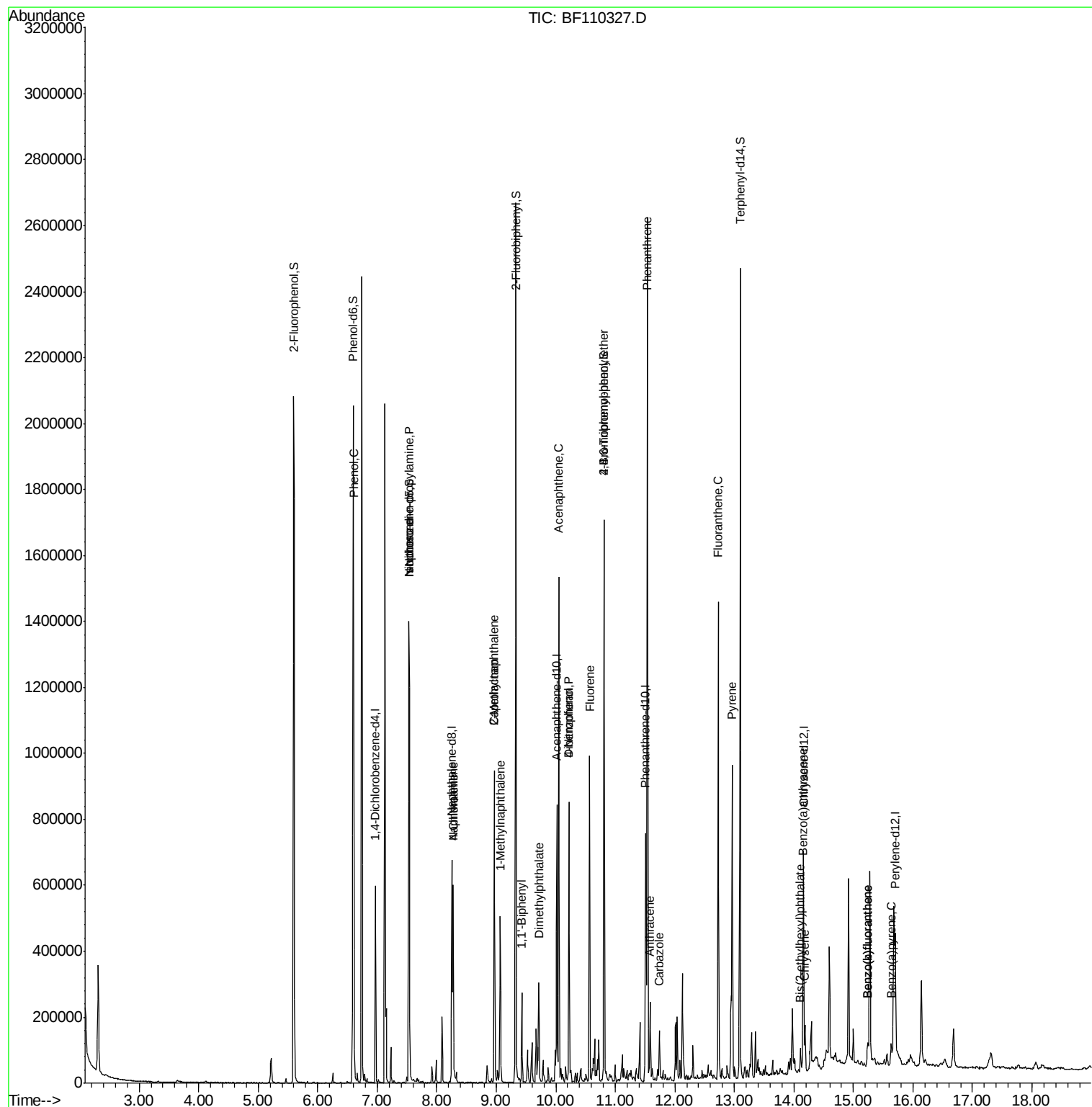
Target Compounds				Qvalue		
9) Benzaldehyde	6.60	77	1418	Below Cal	#	1
10) Phenol	6.61	94	52377	7.416 ng	#	65
19) n-Nitroso-di-n-propylamine	7.53	70	66185	15.615 ng	#	79
25) Isophorone	7.53	82	490210	50.394 ng	#	67
31) Naphthalene	8.27	128	263296	16.878 ng		99
33) 4-Chloroaniline	8.27	127	34041	4.849 ng	#	31
35) Caprolactam	8.97	113	5290	3.232 ng	#	1
37) 2-Methylnaphthalene	8.97	142	247372	23.967 ng		99
38) 1-Methylnaphthalene	9.07	142	131189	13.153 ng		99
46) 1,1'-Biphenyl	9.43	154	94905	6.515 ng		97
50) Dimethylphthalate	9.72	163	127451	10.719 ng		98
52) Acenaphthene	10.05	154	305324	29.906 ng		98
55) Dibenzofuran	10.22	168	305964	21.405 ng		96
56) 4-Nitrophenol	10.22	139	120120	53.285 ng	#	7
58) Fluorene	10.57	166	268425	25.231 ng		99
67) 4-Bromophenyl-phenylether	10.81	248	11773	3.691 ng	#	1
71) Phenanthrene	11.54	178	974699	63.354 ng		100
72) Anthracene	11.59	178	83888	5.440 ng		98
73) Carbazole	11.74	167	59811	3.972 ng		98
75) Fluoranthene	12.73	202	555685	35.589 ng		99
78) Pyrene	12.96	202	397366	29.947 ng		98
81) Benzo(a)anthracene	14.15	228	81414	7.418 ng		98
83) Chrysene	14.19	228	52039	4.992 ng		98
84) Bis(2-ethylhexyl)phthalate	14.11	149	18959	2.435 ng		97
88) Benzo(b)fluoranthene	15.24	252	54728	5.338 ng	#	97
89) Benzo(k)fluoranthene	15.24	252	54728	5.429 ng	#	96
90) Benzo(a)pyrene	15.63	252	24962	2.646 ng		99

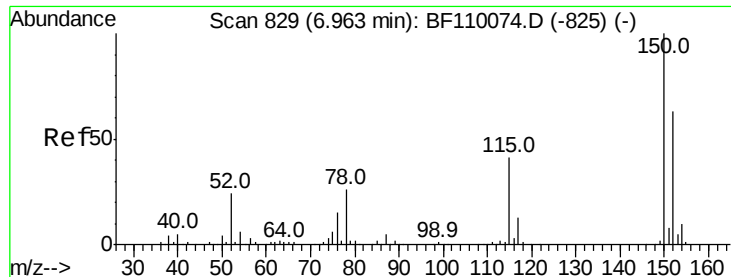
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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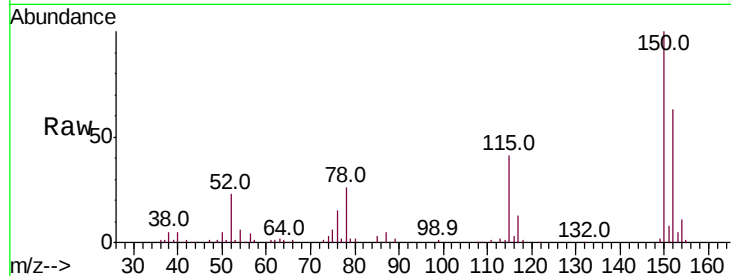


#1

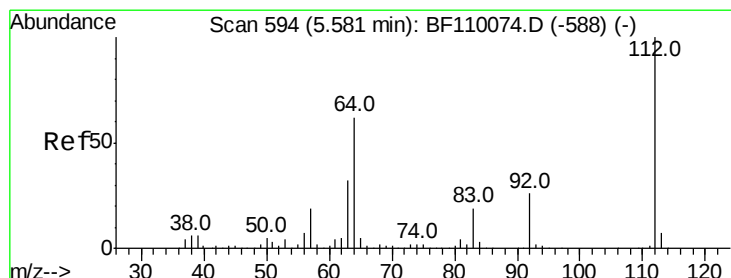
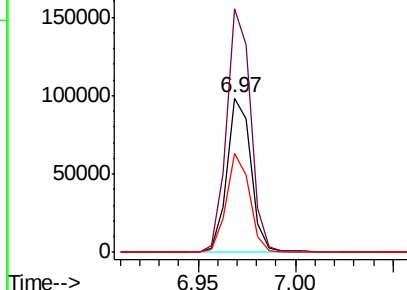
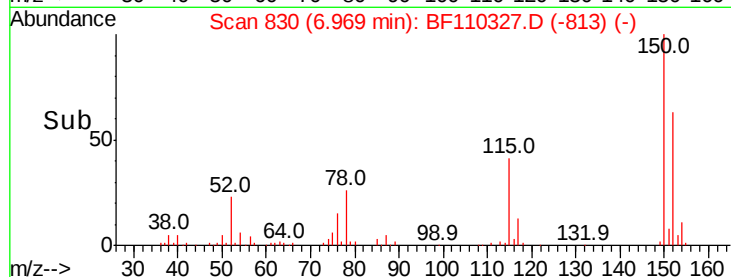
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.00 min
Lab File: BF110327.D
Acq: 31 Oct 2018 12:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 84115
Ion Ratio Lower Upper
152 100
150 157.8 122.7 184.1
115 64.3 49.1 73.7



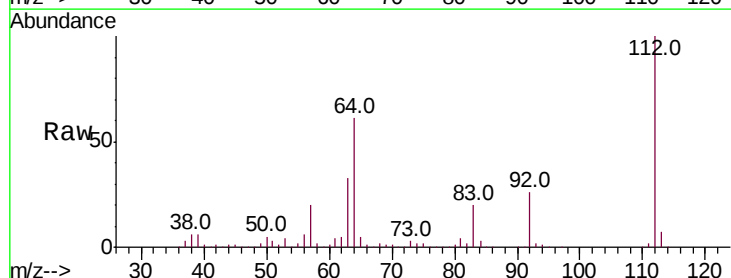
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



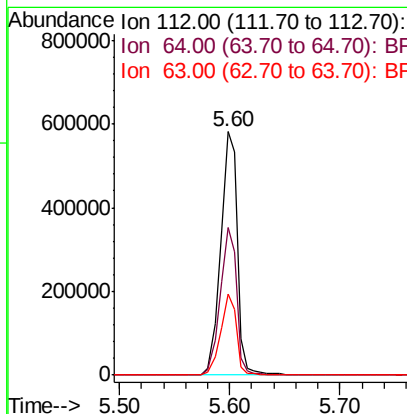
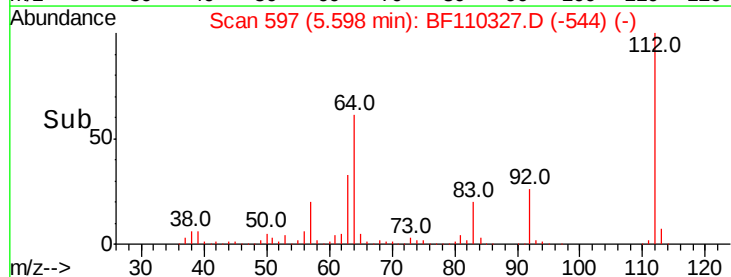
#5

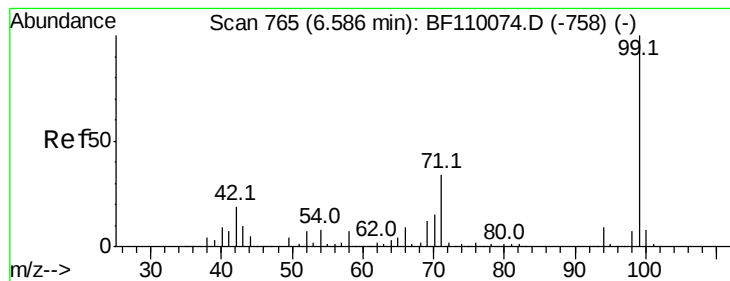
2-Fluorophenol
Concen: 118.856 ng
RT: 5.60 min Scan# 597
Delta R.T. 0.01 min
Lab File: BF110327.D
Acq: 31 Oct 2018 12:45

Tgt Ion:112 Resp: 613933
Ion Ratio Lower Upper
112 100
64 60.9 44.1 66.1
63 33.1 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: 117.887 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.01 min

Lab File: BF110327.D

Acq: 31 Oct 2018 12:45

Instrument :

BNA_F

ClientSampled :

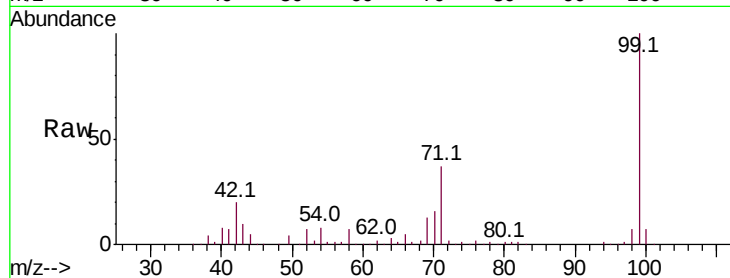
Tot Ion: 99 Resp: 778861

Ion Ratio Lower Upper

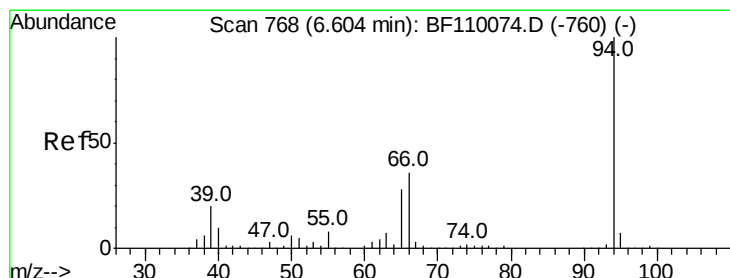
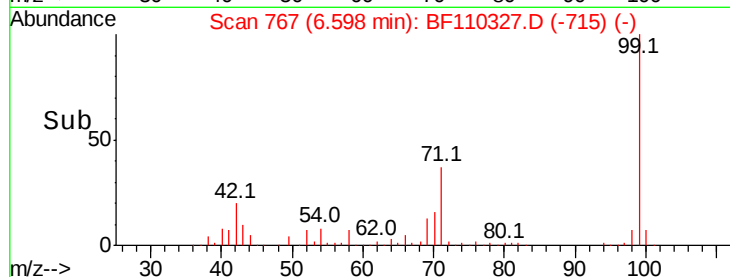
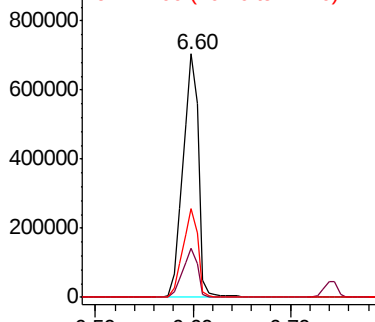
99 100

42 20.4 15.8 23.6

71 36.6 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



#10

Phenol

Concen: 7.416 ng

RT: 6.61 min Scan# 769

Delta R.T. 0.01 min

Lab File: BF110327.D

Acq: 31 Oct 2018 12:45

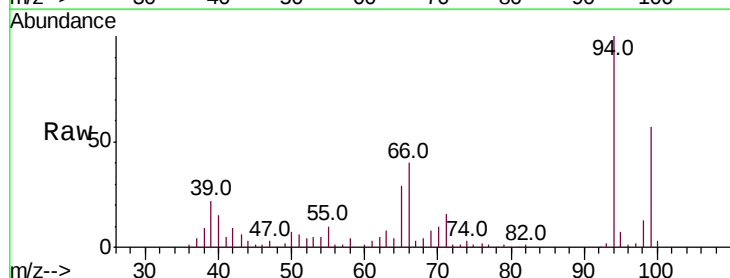
Tgt Ion: 94 Resp: 52377

Ion Ratio Lower Upper

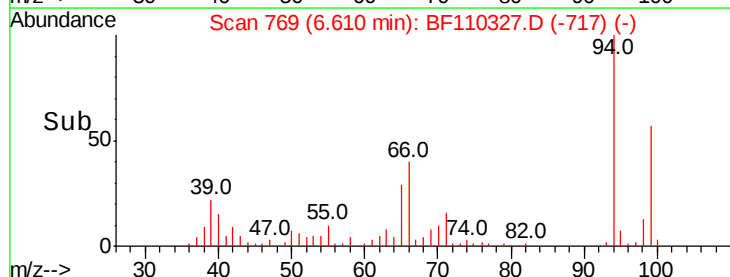
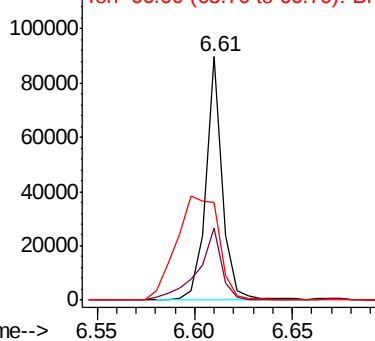
94 100

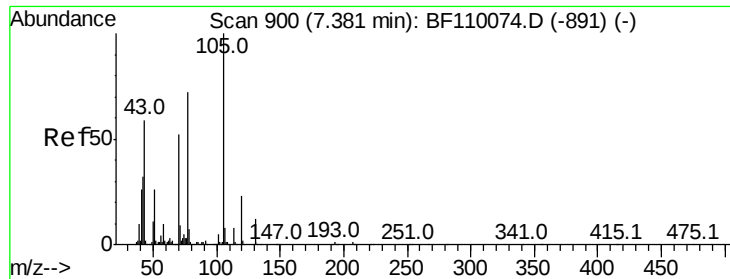
65 29.4 25.3 65.3

66 39.9 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

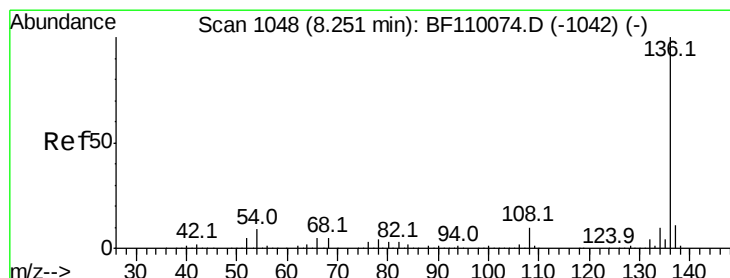
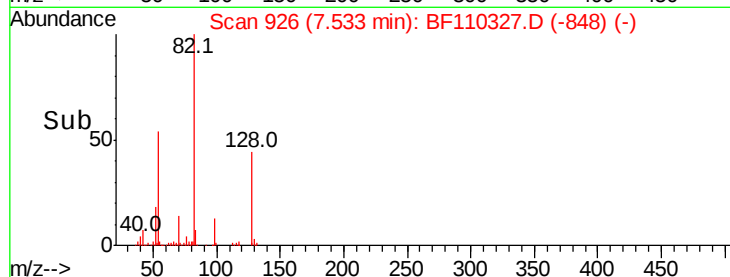
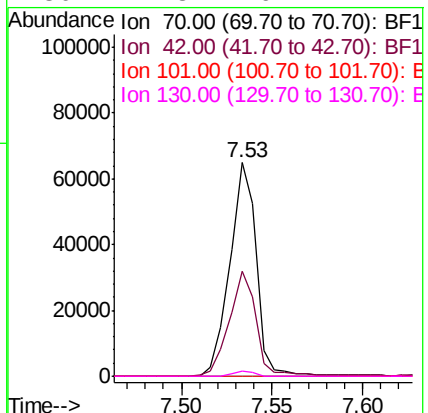
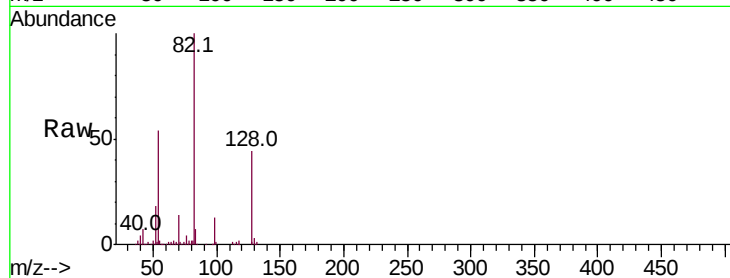




#19
n-Nitroso-di-n-propylamine
Concen: 15.615 ng
RT: 7.53 min Scan# 926
Delta R.T. 0.16 min
Lab File: BF110327.D
Acq: 31 Oct 2018 12:45

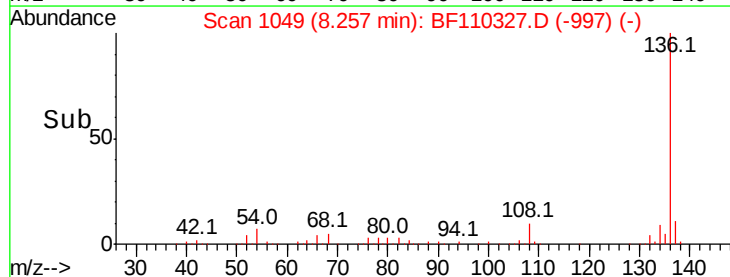
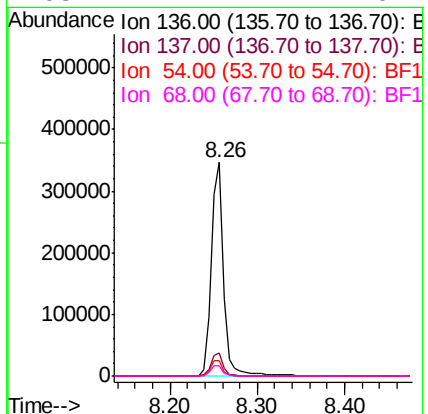
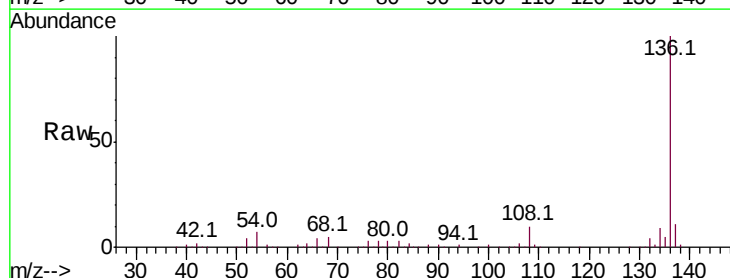
Instrument :
BNA_F
ClientSampled :

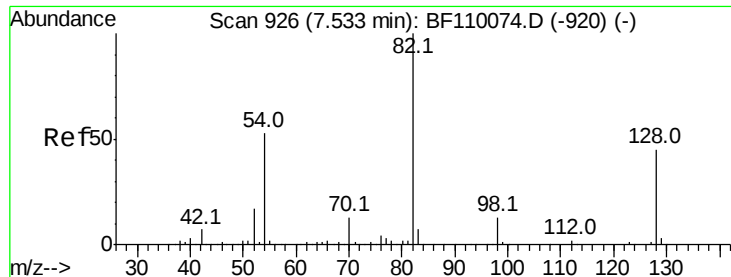
Tot Ion: 70 Resp: 66185
Ion Ratio Lower Upper
70 100
42 48.9 47.4 71.2
101 0.0 7.3 10.9#
130 2.3 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1049
Delta R.T. 0.01 min
Lab File: BF110327.D
Acq: 31 Oct 2018 12:45

Tgt Ion:136 Resp: 338475
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 6.9 5.4 8.2
68 4.7 4.2 6.2

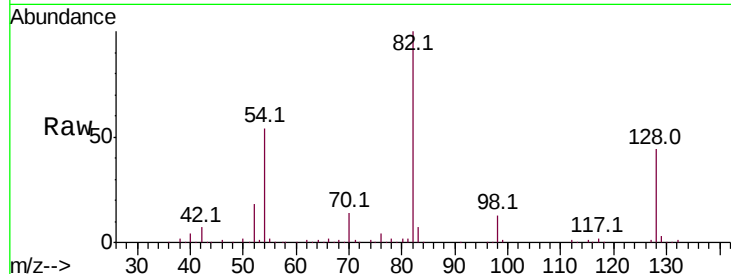




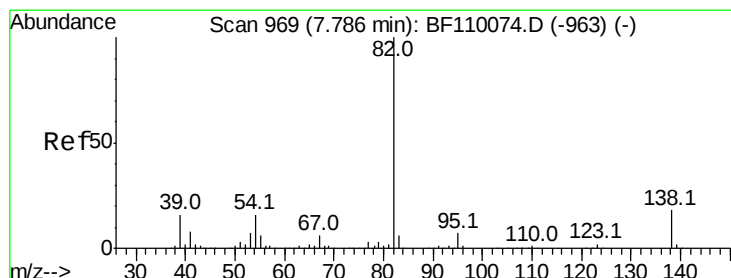
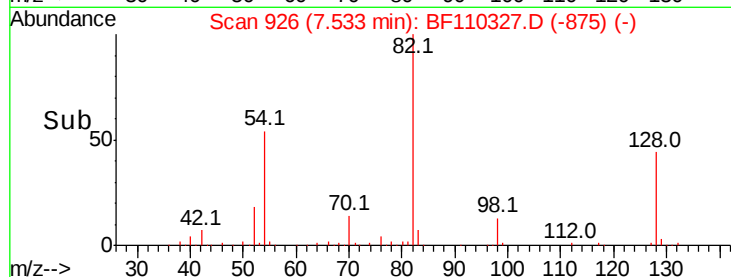
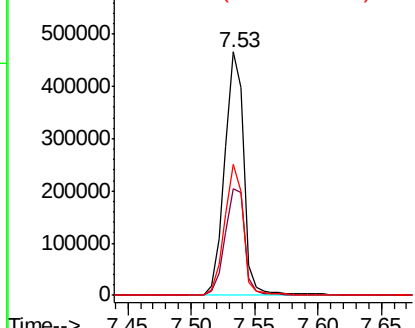
#23
Nitrobenzene-d5
Concen: 85.904 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.00 min
Lab File: BF110327.D
Acq: 31 Oct 2018 12:45

Instrument :
BNA_F
ClientSampleID :

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.0	34.2	51.2
54	54.0	38.6	58.0

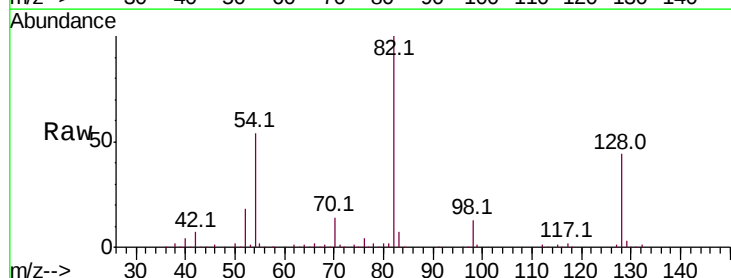


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

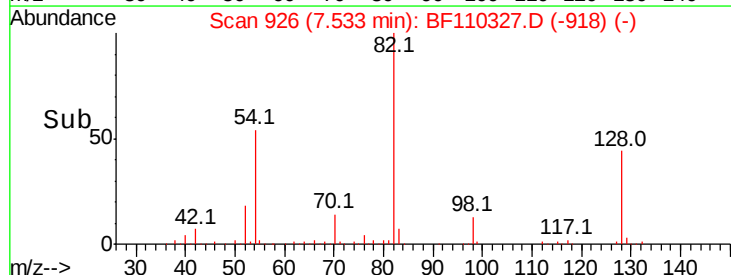
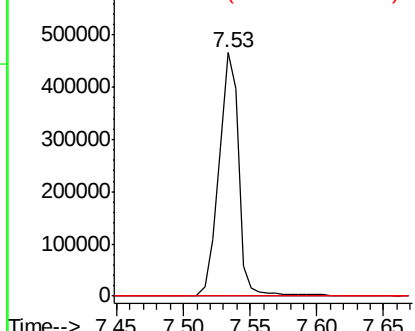


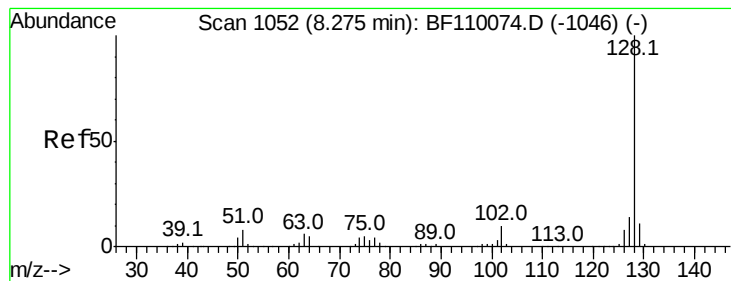
#25
Isophorone
Concen: 50.394 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.25 min
Lab File: BF110327.D
Acq: 31 Oct 2018 12:45

Tgt 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: 16.878 ng

RT: 8.27 min Scan# 1052

Delta R.T. -0.00 min

Lab File: BF110327.D

Acq: 31 Oct 2018 12:45

Instrument :

BNA_F

ClientSampleId :

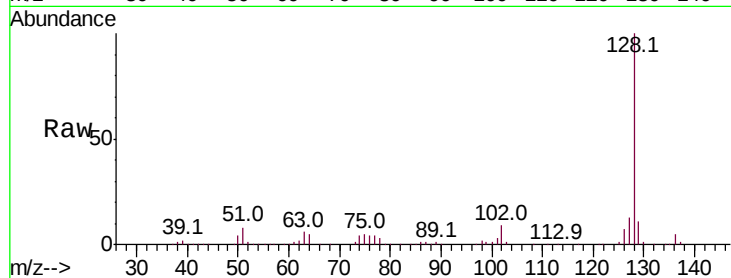
Tot Ion:128 Resp: 263296

Ion Ratio Lower Upper

128 100

129 11.1 8.8 13.2

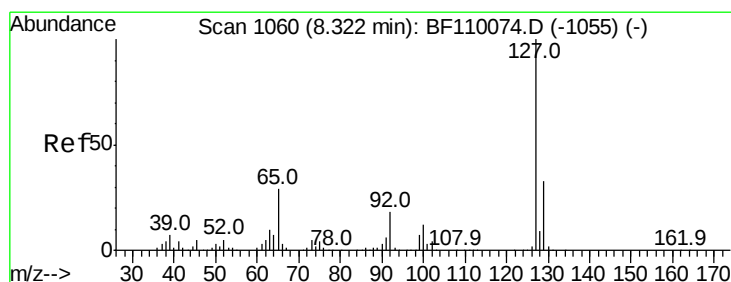
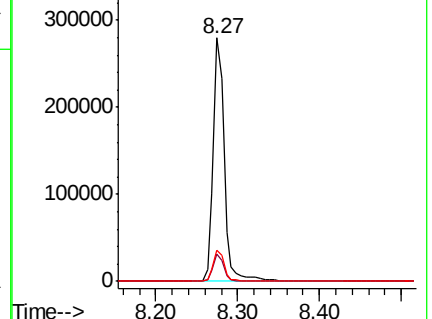
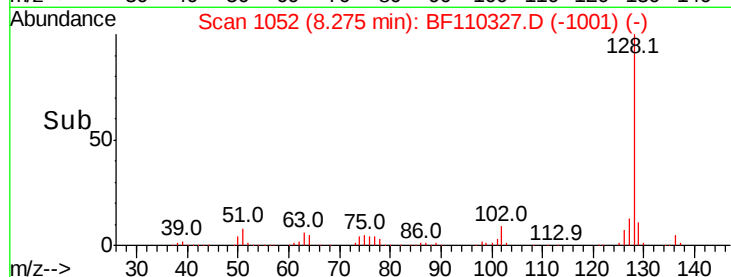
127 12.9 10.8 16.2



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



#33

4-Chloroaniline

Concen: 4.849 ng

RT: 8.27 min Scan# 1052

Delta R.T. -0.05 min

Lab File: BF110327.D

Acq: 31 Oct 2018 12:45

Tgt Ion:127 Resp: 34041

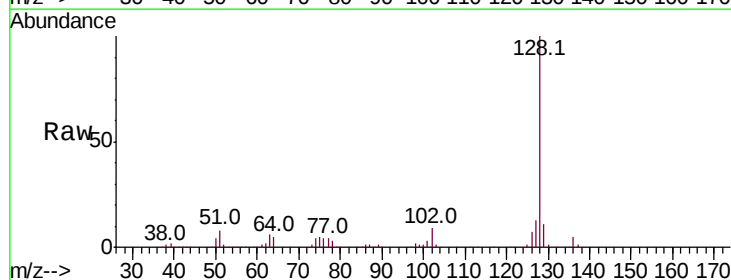
Ion Ratio Lower Upper

127 100

129 86.3 26.0 39.0#

65 0.0 25.1 37.7#

92 0.0 15.0 22.6#

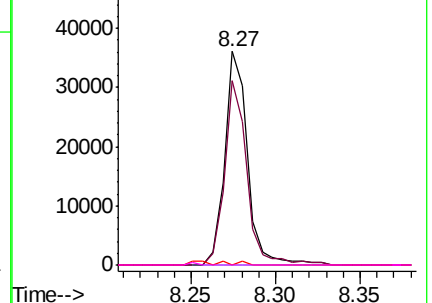
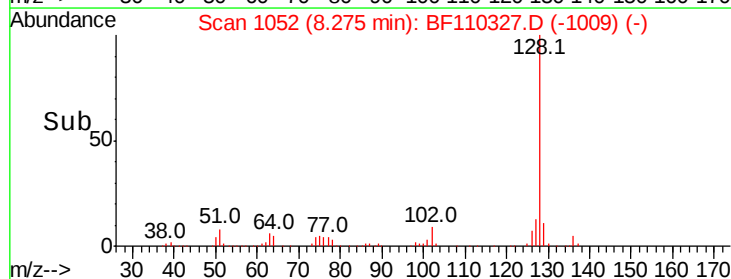


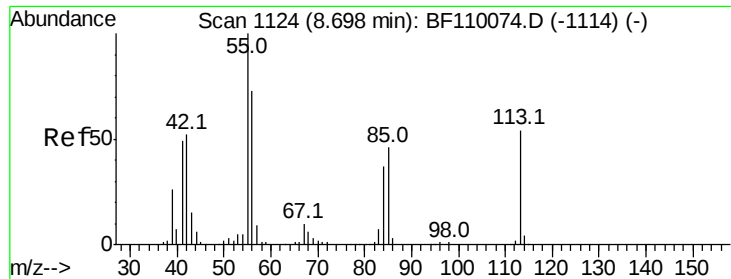
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

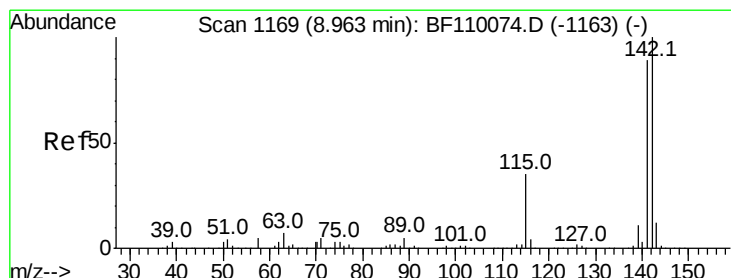
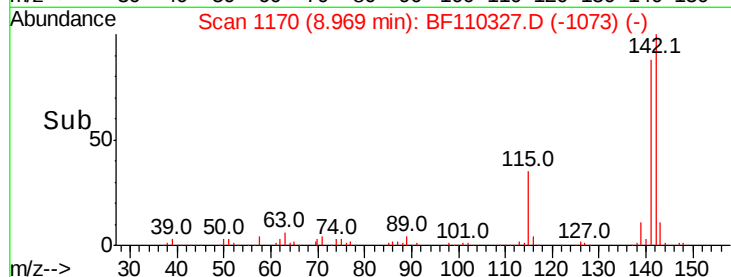
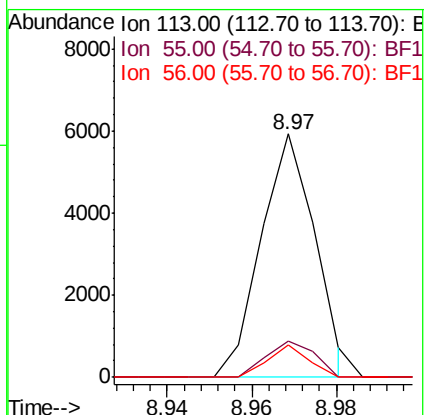
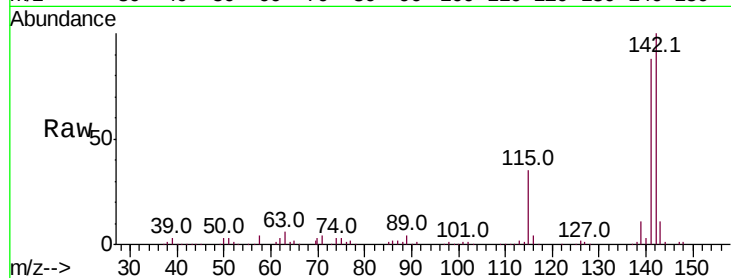




#35
 Caprolactam
 Concen: 3.232 ng
 RT: 8.97 min Scan# 1170
 Delta R.T. 0.27 min
 Lab File: BF110327.D
 Acq: 31 Oct 2018 12:45

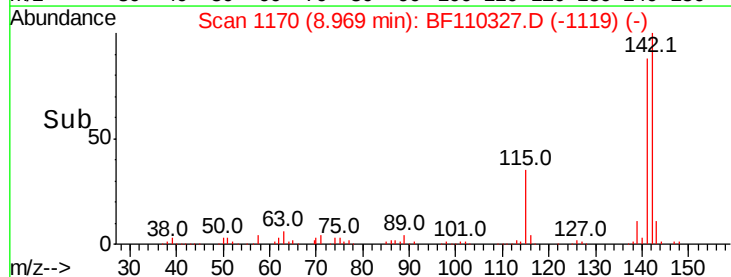
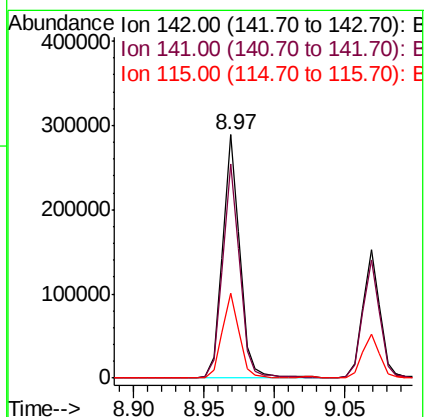
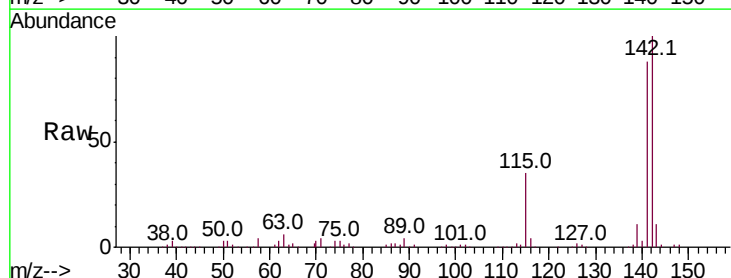
Instrument :
 BNA_F
 ClientSampleId :

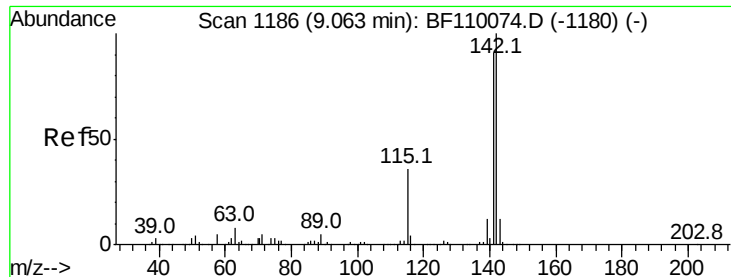
Tot Ion:113 Resp: 5290
 Ion Ratio Lower Upper
 113 100
 55 14.7 142.8 182.8#
 56 13.4 105.0 145.0#



#37
 2-Methylnaphthalene
 Concen: 23.967 ng
 RT: 8.97 min Scan# 1170
 Delta R.T. -0.00 min
 Lab File: BF110327.D
 Acq: 31 Oct 2018 12:45

Tgt Ion:142 Resp: 247372
 Ion Ratio Lower Upper
 142 100
 141 88.0 71.4 107.2
 115 35.1 28.7 43.1

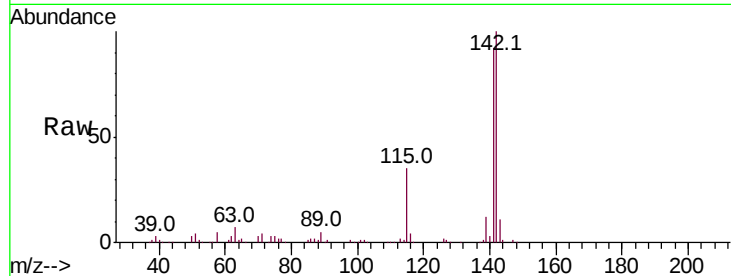




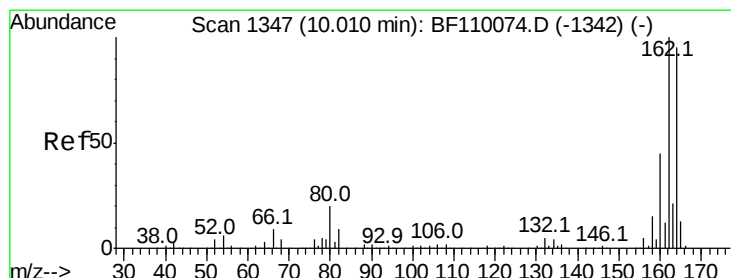
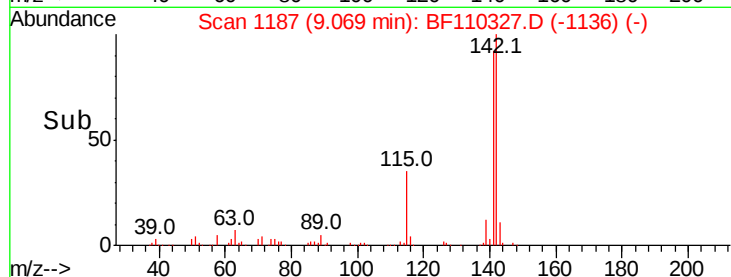
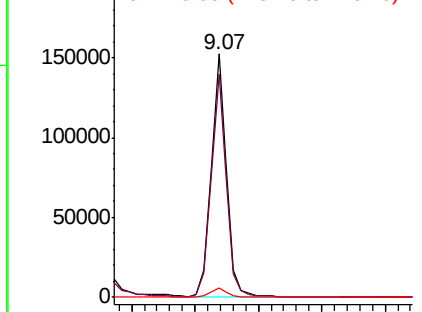
#38
1-Methylnaphthalene
Concen: 13.153 ng
RT: 9.07 min Scan# 1187
Delta R.T. -0.00 min
Lab File: BF110327.D
Acq: 31 Oct 2018 12:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.6	74.2	111.4
116	3.7	2.6	4.0

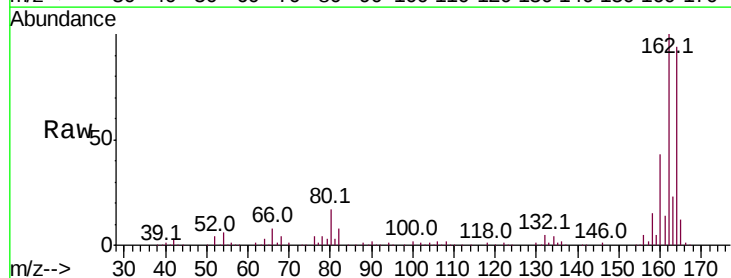


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

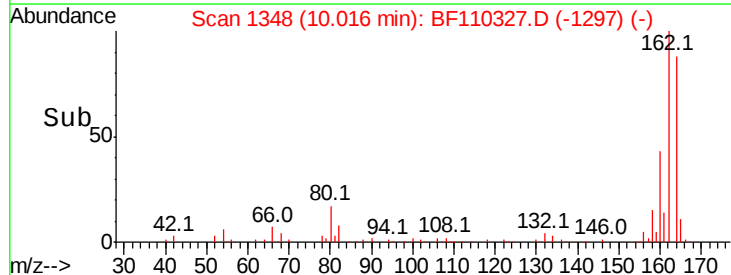
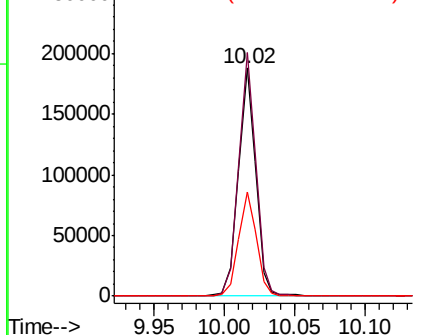


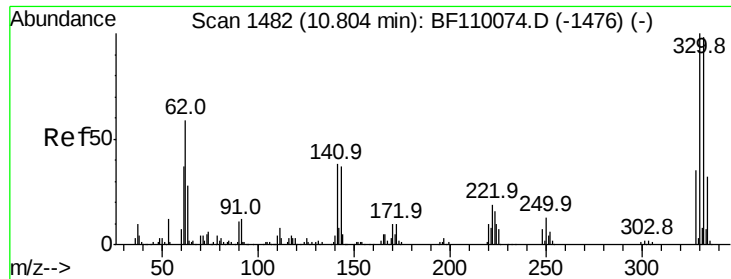
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.00 min
Lab File: BF110327.D
Acq: 31 Oct 2018 12:45

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.8	83.0	124.6
160	45.4	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

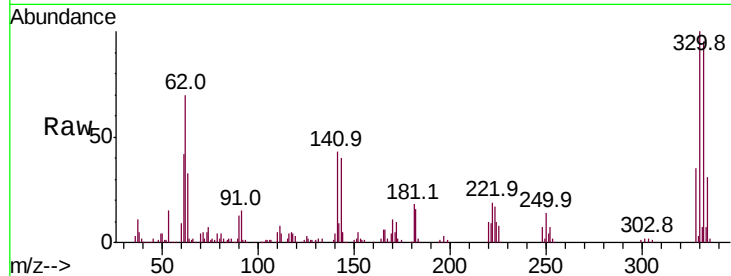




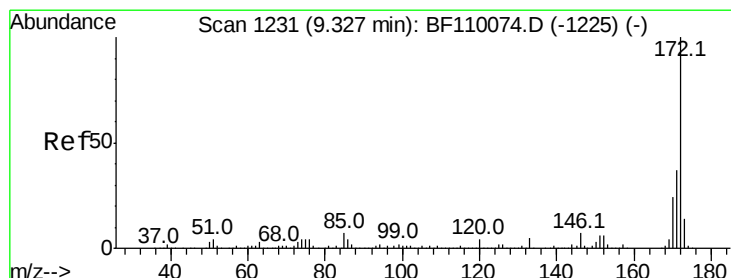
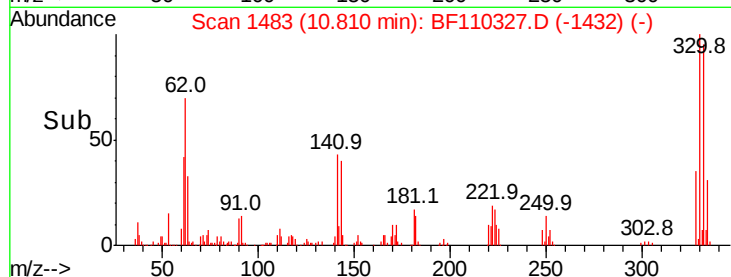
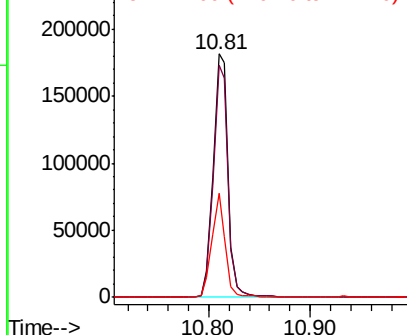
#42
 2,4,6-Tribromophenol
 Concen: 116.433 ng
 RT: 10.81 min Scan# 1483
 Delta R.T. -0.00 min
 Lab File: BF110327.D
 Acq: 31 Oct 2018 12:45

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.5	77.1	115.7
141	38.1	27.0	40.4

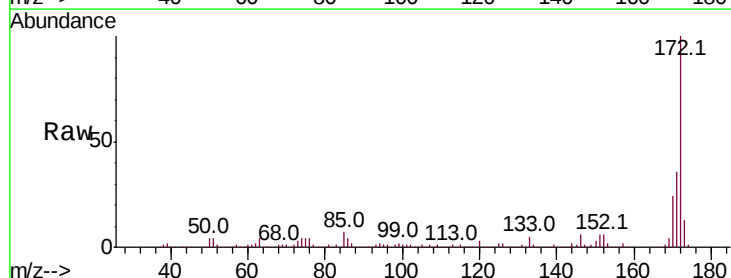


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

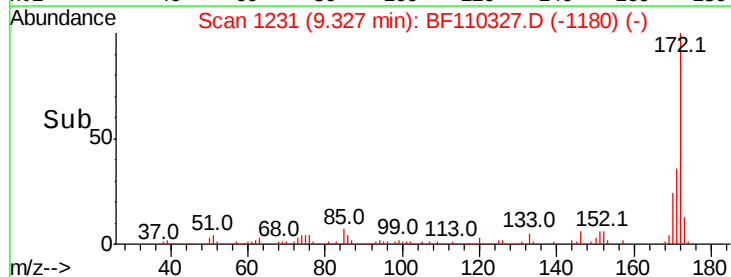
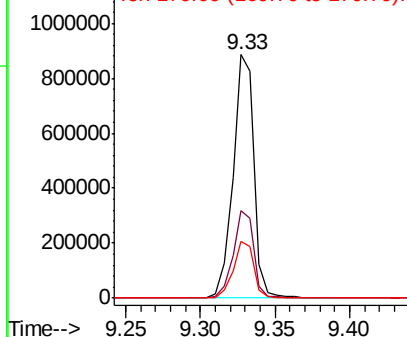


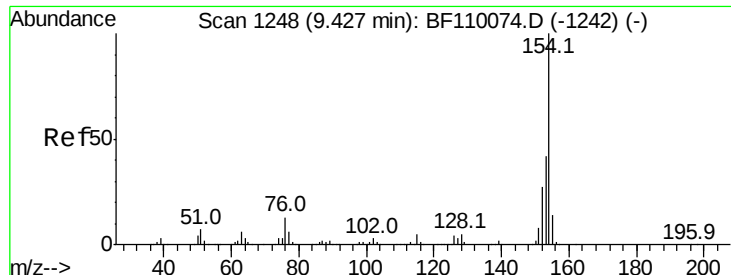
#45
 2-Fluorobiphenyl
 Concen: 85.276 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.00 min
 Lab File: BF110327.D
 Acq: 31 Oct 2018 12:45

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.6	43.0
170	23.6	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

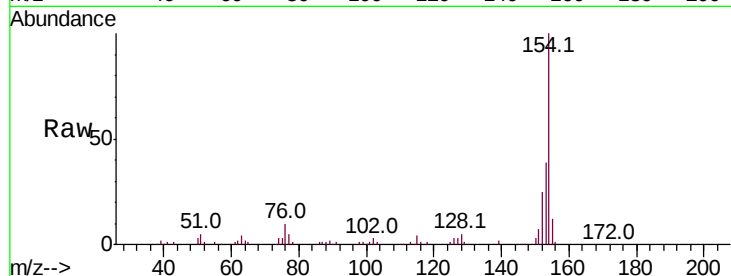




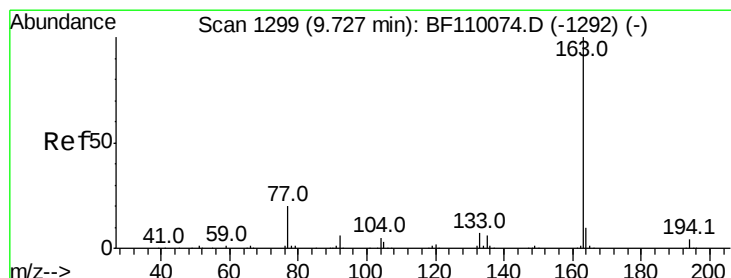
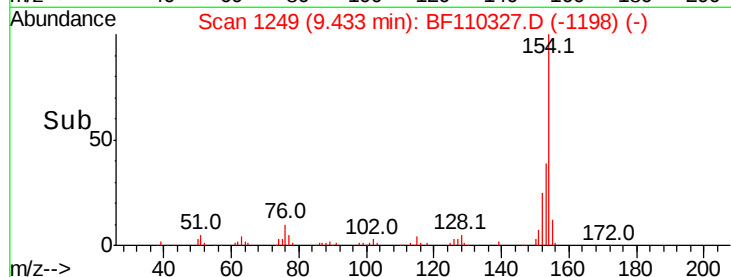
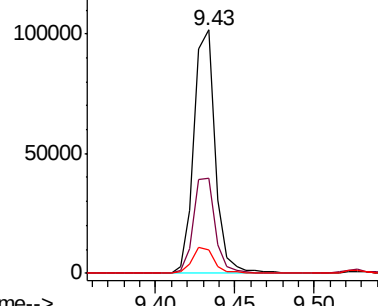
#46
 1,1'-Biphenyl
 Concen: 6.515 ng
 RT: 9.43 min Scan# 1249
 Delta R.T. -0.00 min
 Lab File: BF110327.D
 Acq: 31 Oct 2018 12:45

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
154	100		
153	39.1	20.4	60.4
76	9.5	0.0	31.9

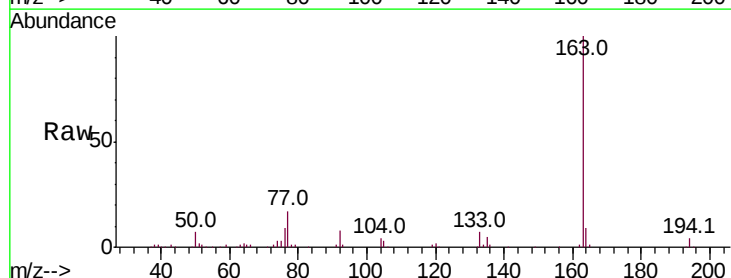


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

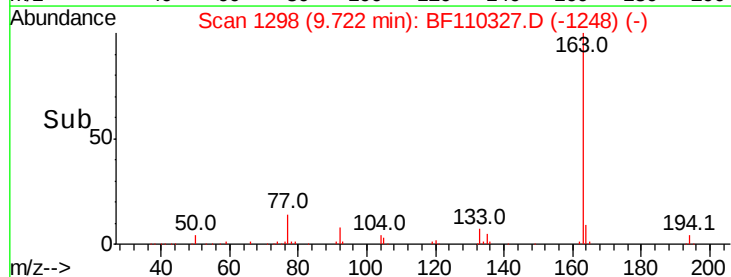
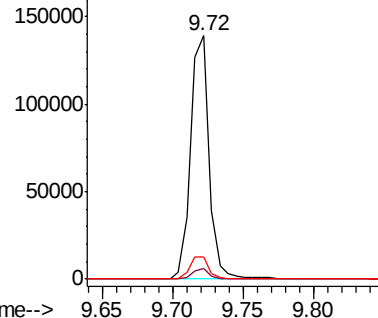


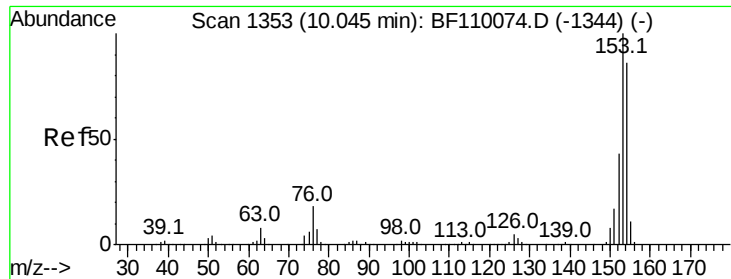
#50
 Dimethylphthalate
 Concen: 10.719 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.01 min
 Lab File: BF110327.D
 Acq: 31 Oct 2018 12:45

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.2	4.8
164	9.2	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





#52

Acenaphthene

Concen: 29.906 ng

RT: 10.05 min Scan# 1354

Delta R.T. -0.00 min

Lab File: BF110327.D

Acq: 31 Oct 2018 12:45

Instrument :

BNA_F

ClientSampleId :

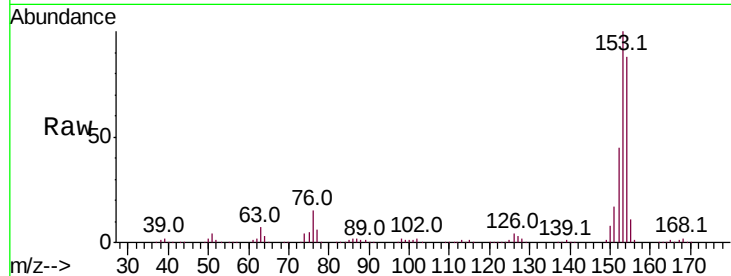
Tot Ion:154 Resp: 305324

Ion Ratio Lower Upper

154 100

153 113.7 90.1 135.1

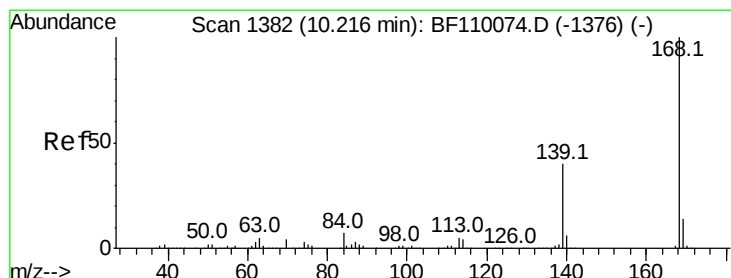
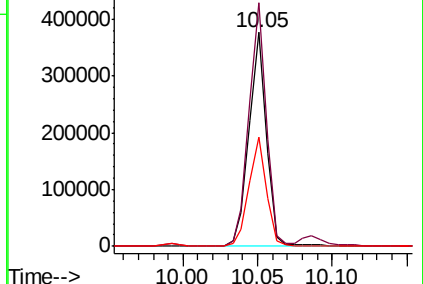
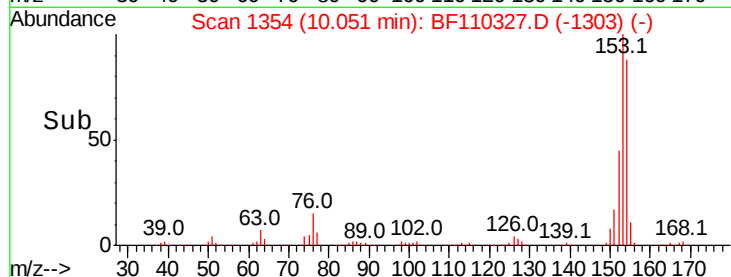
152 51.2 43.4 65.2



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: 21.405 ng

RT: 10.22 min Scan# 1383

Delta R.T. -0.00 min

Lab File: BF110327.D

Acq: 31 Oct 2018 12:45

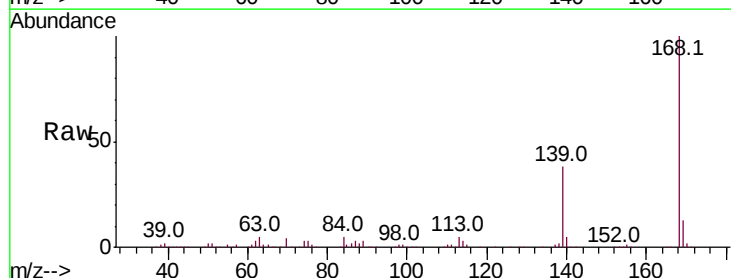
Tgt Ion:168 Resp: 305964

Ion Ratio Lower Upper

168 100

139 38.4 33.0 49.6

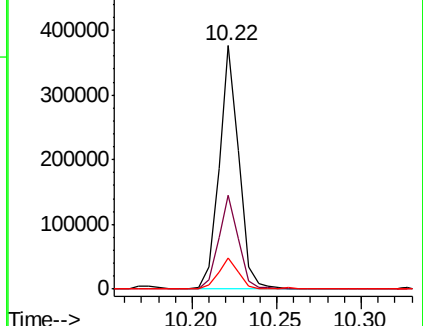
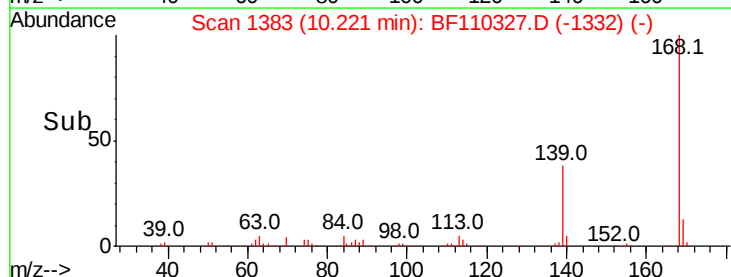
169 12.9 11.3 16.9

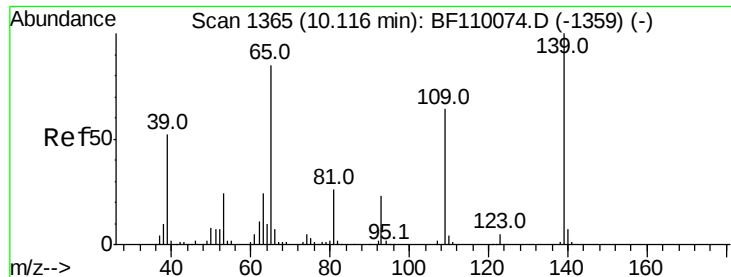


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#56

4-Nitrophenol

Concen: 53.285 ng

RT: 10.22 min Scan# 1383

Delta R.T. 0.10 min

Lab File: BF110327.D

Acq: 31 Oct 2018 12:45

Instrument :

BNA_F

ClientSampleId :

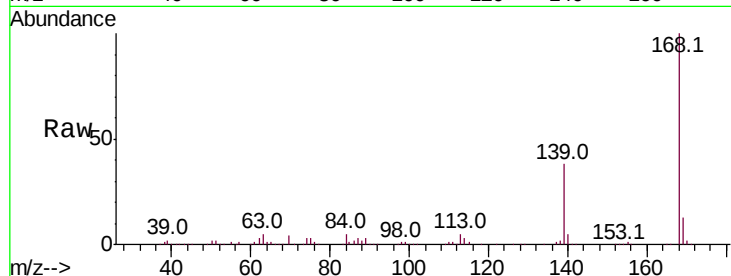
Tot Ion:139 Resp: 120120

Ion Ratio Lower Upper

139 100

109 0.9 55.8 95.8#

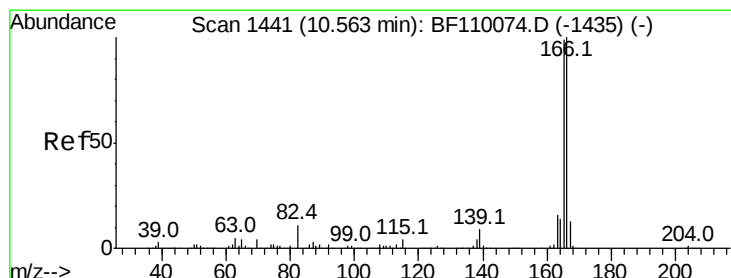
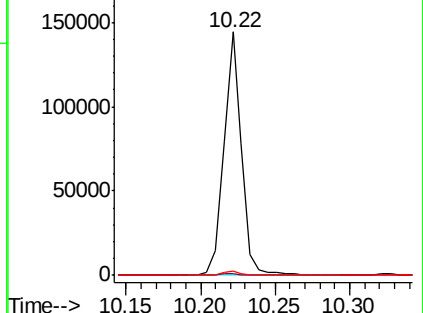
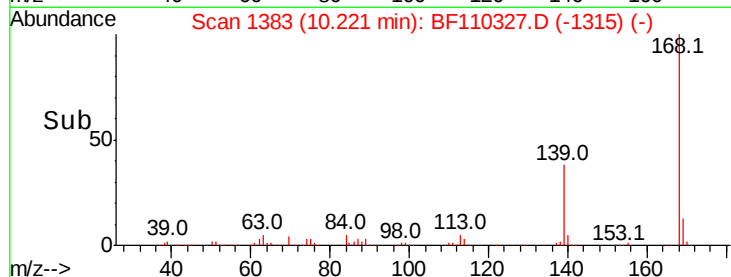
65 1.7 77.9 117.9#



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: 25.231 ng

RT: 10.57 min Scan# 1442

Delta R.T. 0.01 min

Lab File: BF110327.D

Acq: 31 Oct 2018 12:45

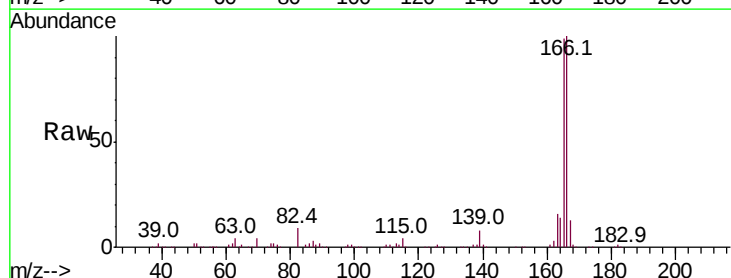
Tgt Ion:166 Resp: 268425

Ion Ratio Lower Upper

166 100

165 99.3 78.6 117.8

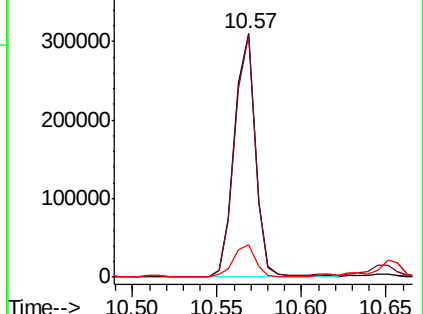
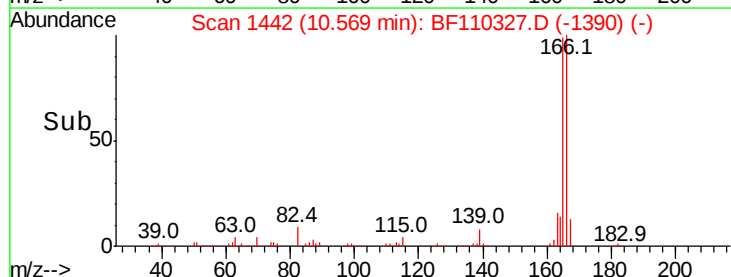
167 13.4 10.8 16.2

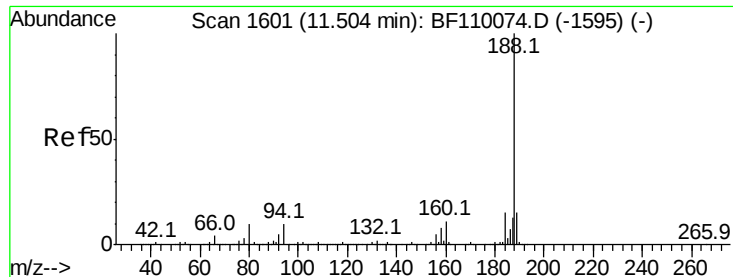


Abundance Ion 166.00 (165.70 to 166.70): E

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: 11.51 min Scan# 1602

Delta R.T. -0.00 min

Lab File: BF110327.D

Acq: 31 Oct 2018 12:45

Instrument :

BNA_F

ClientSampleId :

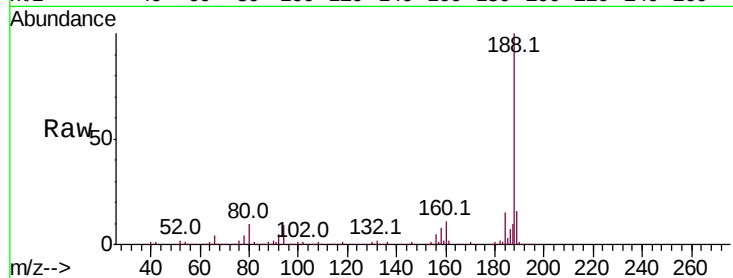
Tot Ion:188 Resp: 294027

Ion Ratio Lower Upper

188 100

94 9.3 7.2 10.8

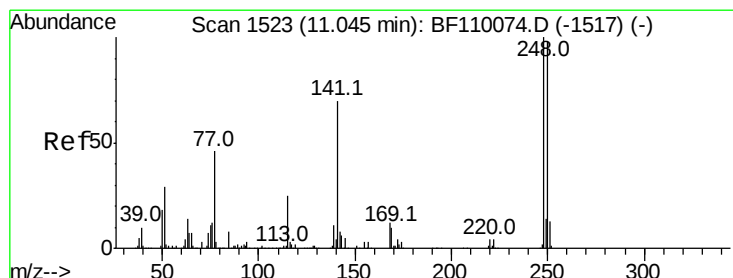
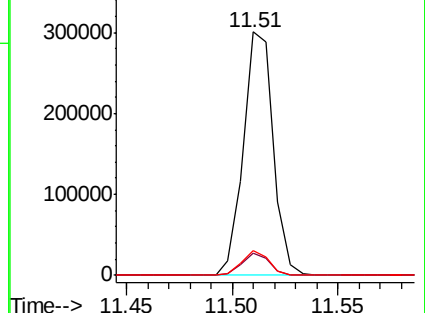
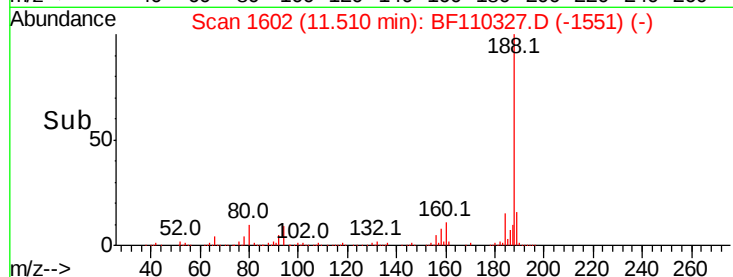
80 10.2 7.9 11.9



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



#67

4-Bromophenyl-phenylether

Concen: 3.691 ng

RT: 10.81 min Scan# 1483

Delta R.T. -0.24 min

Lab File: BF110327.D

Acq: 31 Oct 2018 12:45

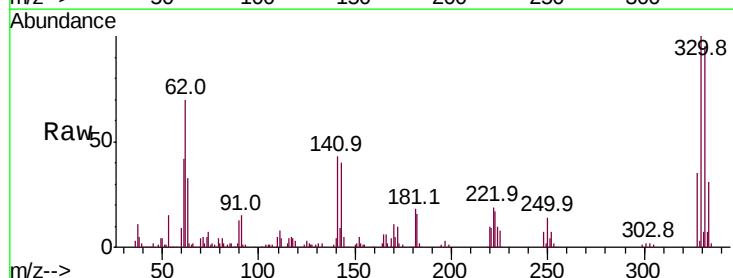
Tgt Ion:248 Resp: 11773

Ion Ratio Lower Upper

248 100

250 195.3 79.4 119.2#

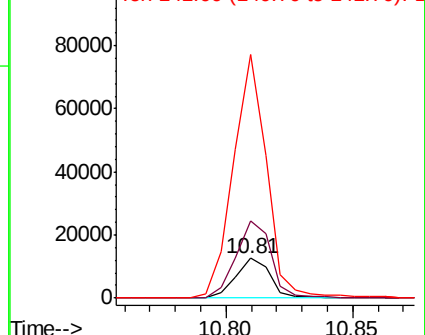
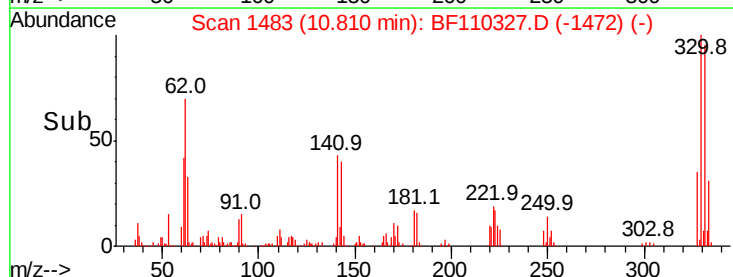
141 614.4 55.9 83.9#

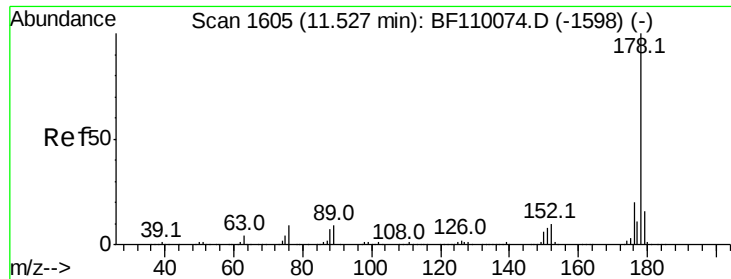


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#71

Phenanthrene

Concen: 63.354 ng

RT: 11.54 min Scan# 1607

Delta R.T. 0.01 min

Lab File: BF110327.D

Acq: 31 Oct 2018 12:45

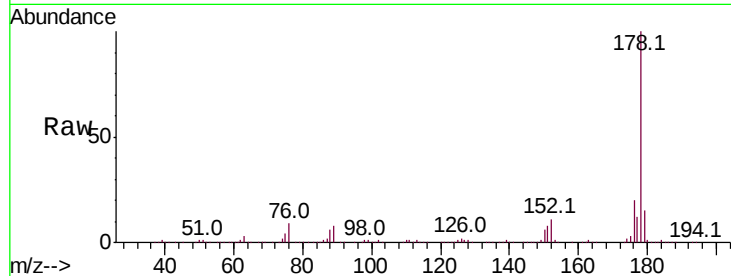
Instrument :

BNA_F

ClientSampled :

Tot Ion:178 Resp: 974699

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.5	23.3
179	15.5	12.5	18.7

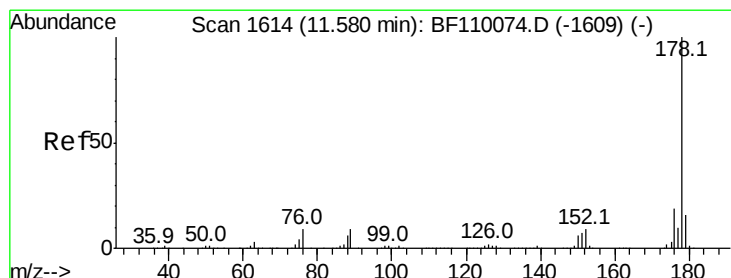
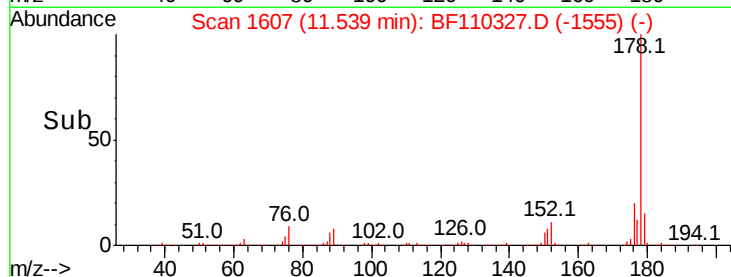
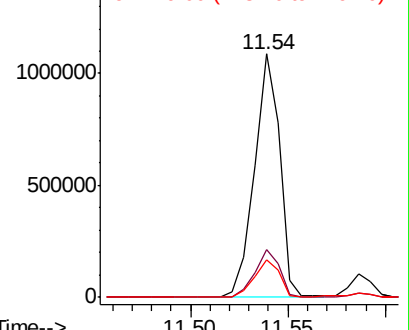


Abundance

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: 5.440 ng

RT: 11.59 min Scan# 1615

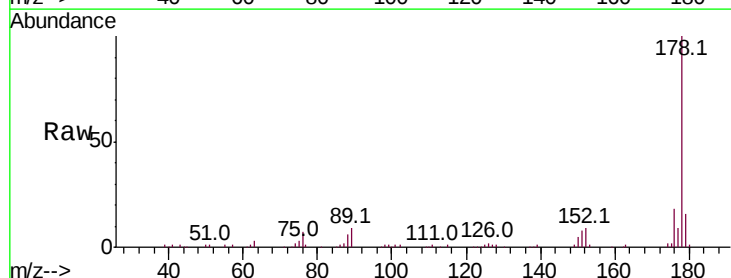
Delta R.T. -0.00 min

Lab File: BF110327.D

Acq: 31 Oct 2018 12:45

Tgt Ion:178 Resp: 83888

Ion	Ratio	Lower	Upper
178	100		
176	17.8	15.4	23.2
179	15.9	12.6	18.8

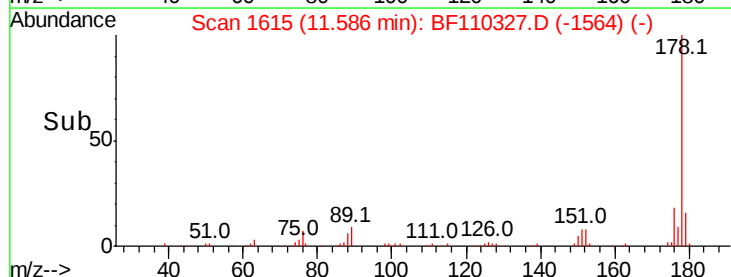
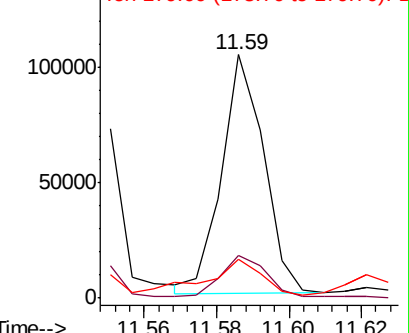


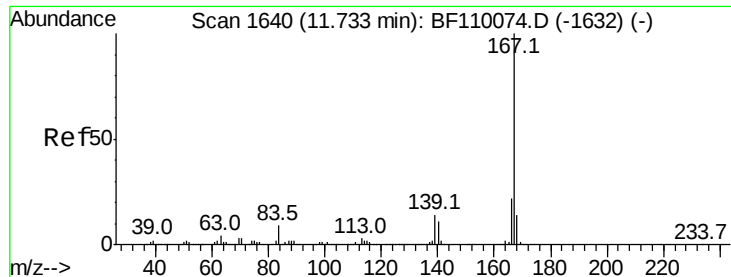
Abundance

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

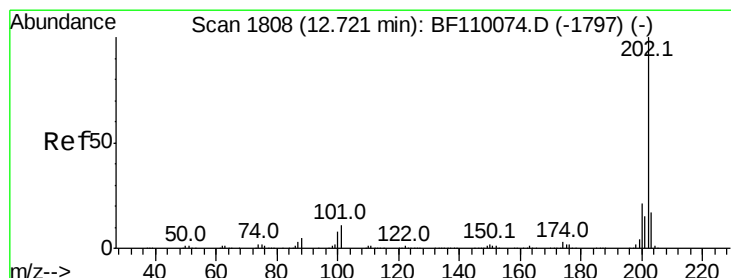
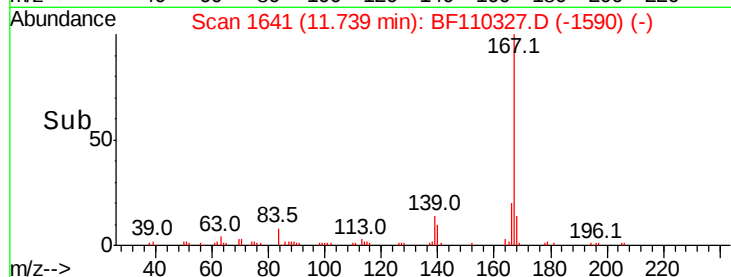
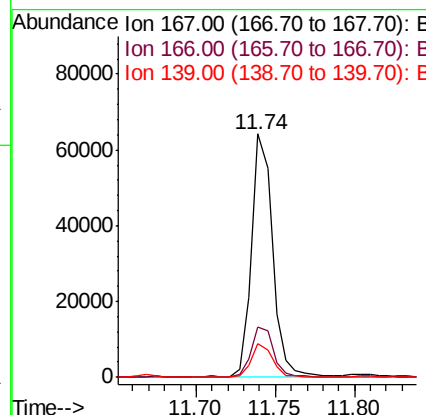
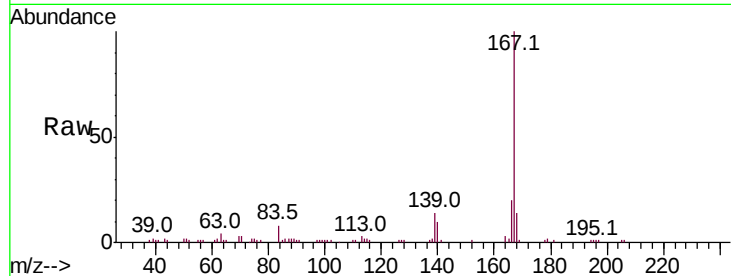




#73
 Carbazole
 Concen: 3.972 ng
 RT: 11.74 min Scan# 1641
 Delta R.T. -0.00 min
 Lab File: BF110327.D
 Acq: 31 Oct 2018 12:45

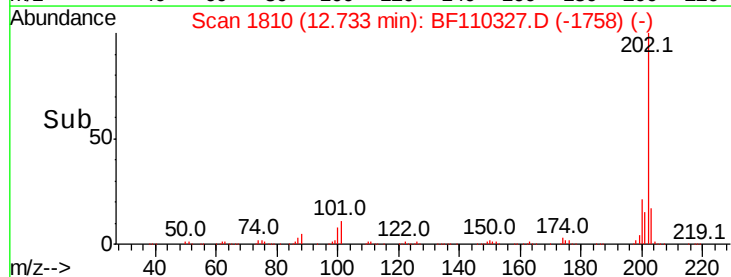
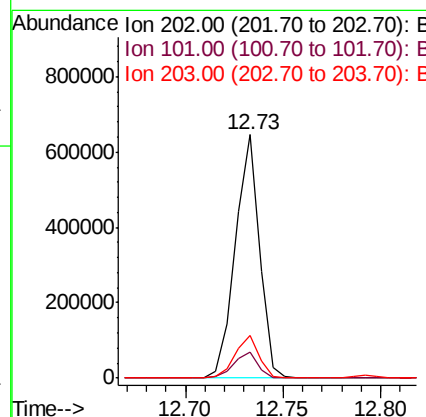
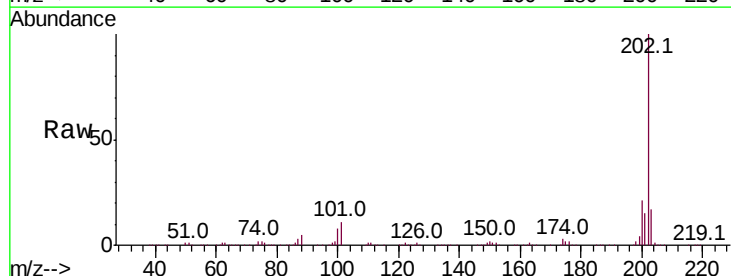
Instrument :
 BNA_F
 ClientSampleId :

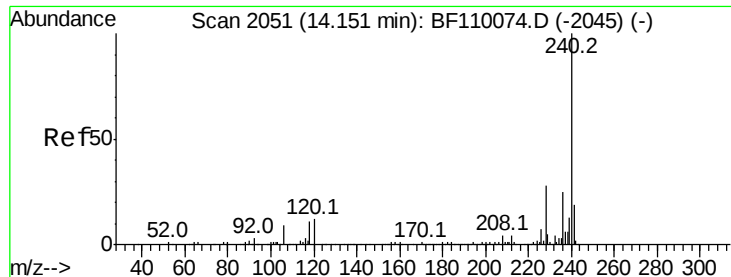
Tot Ion:167 Resp: 59811
 Ion Ratio Lower Upper
 167 100
 166 20.4 17.4 26.0
 139 13.9 10.9 16.3



#75
 Fluoranthene
 Concen: 35.589 ng
 RT: 12.73 min Scan# 1810
 Delta R.T. 0.01 min
 Lab File: BF110327.D
 Acq: 31 Oct 2018 12:45

Tgt Ion:202 Resp: 555685
 Ion Ratio Lower Upper
 202 100
 101 10.6 0.0 31.4
 203 17.5 0.0 37.7

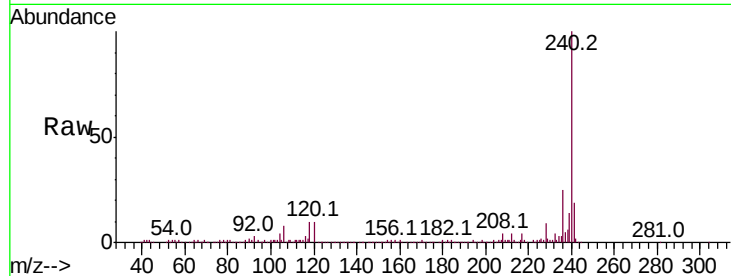




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.16 min Scan# 2053
 Delta R.T. 0.01 min
 Lab File: BF110327.D
 Acq: 31 Oct 2018 12:45

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.2	8.3	12.5
236	25.2	21.2	31.8

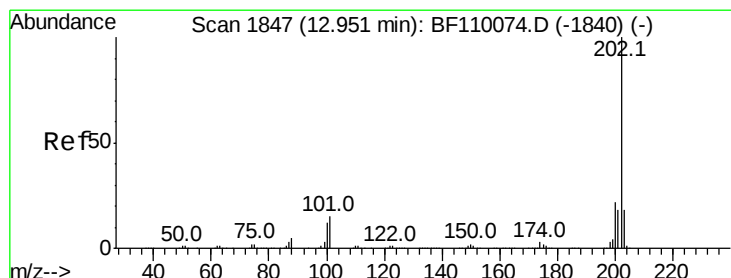
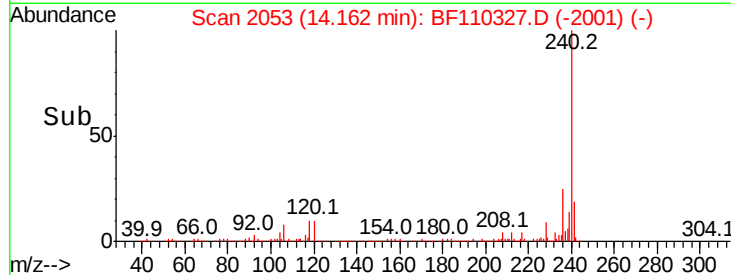
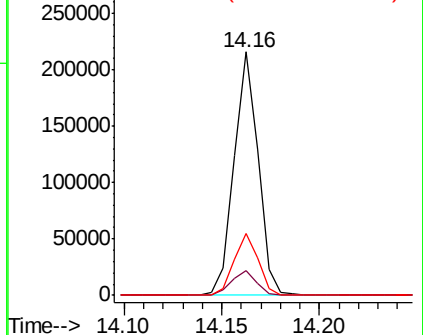


Abundance

Ion 240.00 (239.70 to 240.70): E

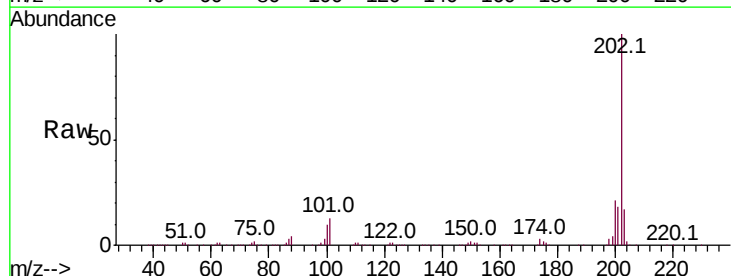
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78
 Pyrene
 Concen: 29.947 ng
 RT: 12.96 min Scan# 1849
 Delta R.T. 0.01 min
 Lab File: BF110327.D
 Acq: 31 Oct 2018 12:45

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.8	26.6
203	17.3	14.2	21.4

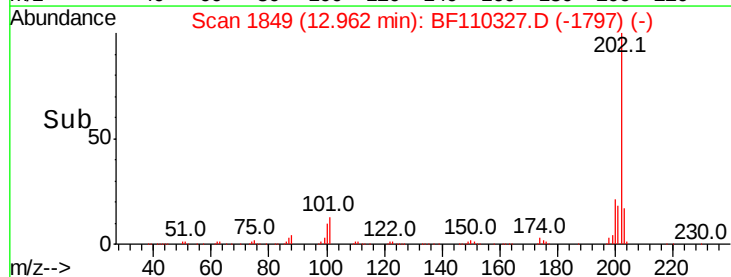
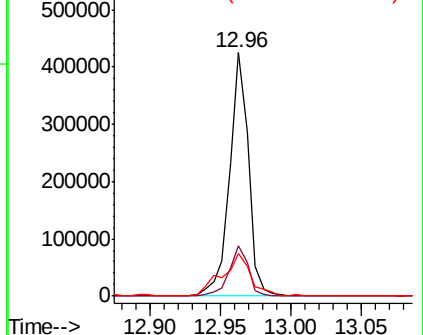


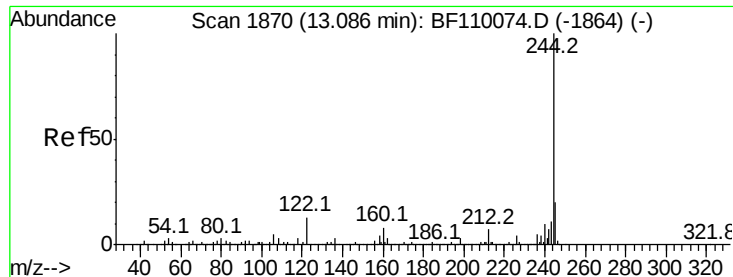
Abundance

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

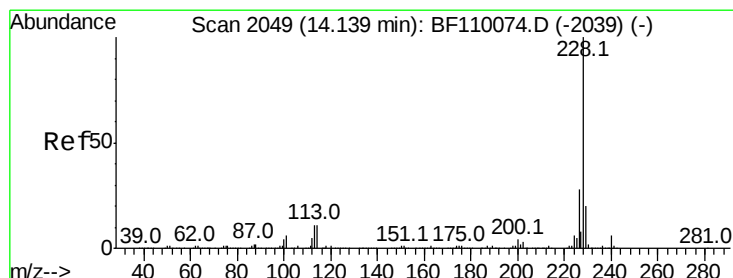
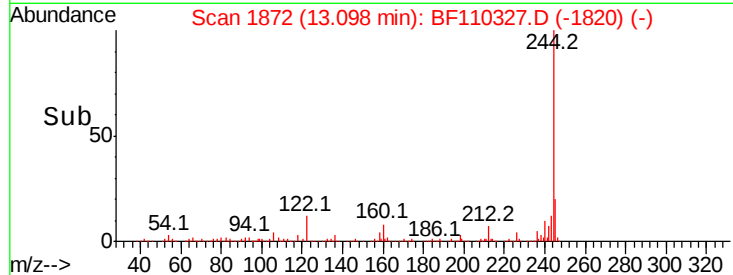
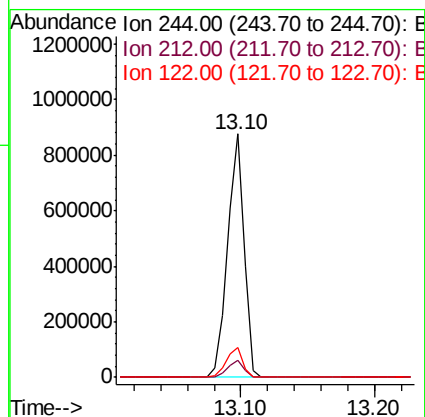
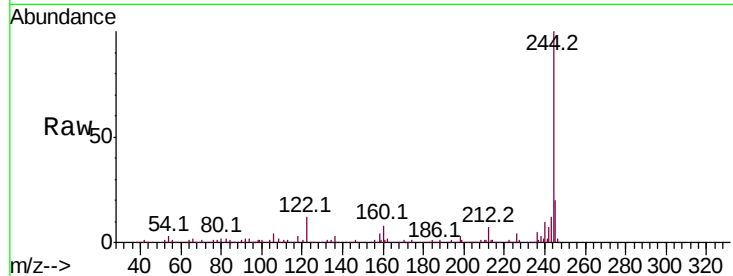




#79
 Terphenyl-d14
 Concen: 86.308 ng
 RT: 13.10 min Scan# 1872
 Delta R.T. 0.01 min
 Lab File: BF110327.D
 Acq: 31 Oct 2018 12:45

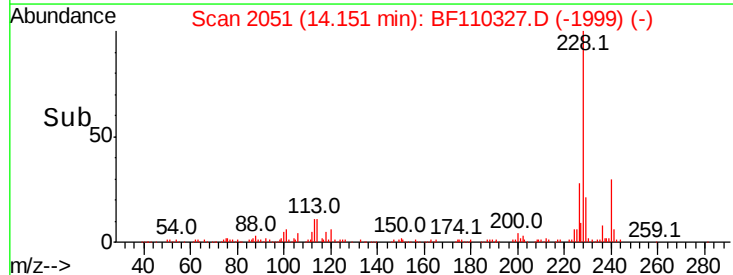
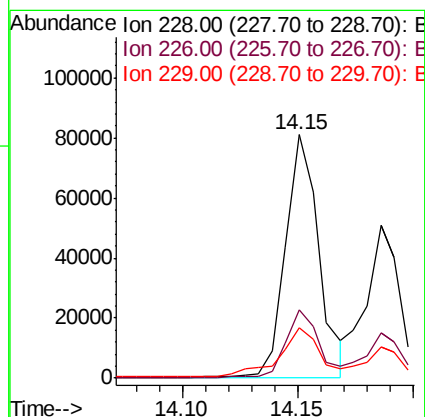
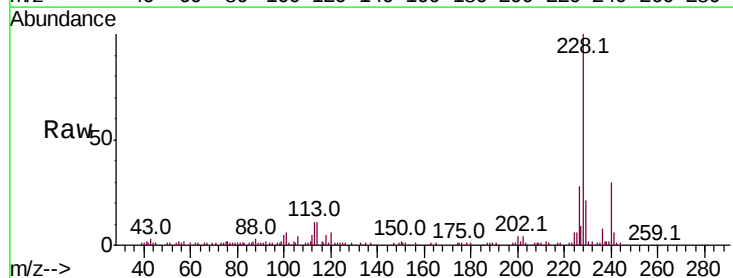
Instrument :
 BNA_F
 ClientSampled :

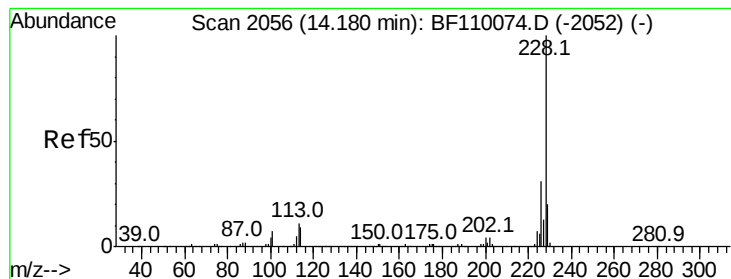
Tot Ion:244 Resp: 768099
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.8 8.8
 122 12.4 8.7 13.1



#81
 Benzo(a)anthracene
 Concen: 7.418 ng
 RT: 14.15 min Scan# 2051
 Delta R.T. 0.01 min
 Lab File: BF110327.D
 Acq: 31 Oct 2018 12:45

Tgt Ion:228 Resp: 81414
 Ion Ratio Lower Upper
 228 100
 226 28.2 22.1 33.1
 229 20.8 15.6 23.4





#83

Chrysene

Concen: 4.992 ng

RT: 14.19 min Scan# 2057

Delta R.T. -0.00 min

Lab File: BF110327.D

Acq: 31 Oct 2018 12:45

Instrument :

BNA_F

ClientSampleId :

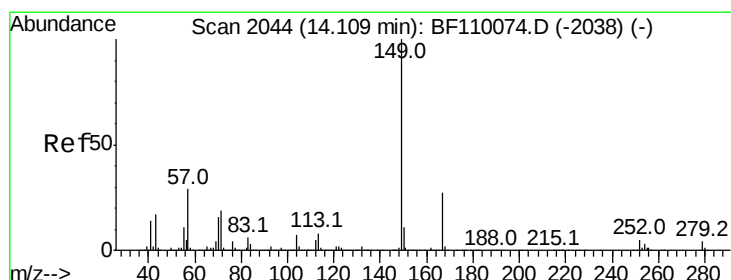
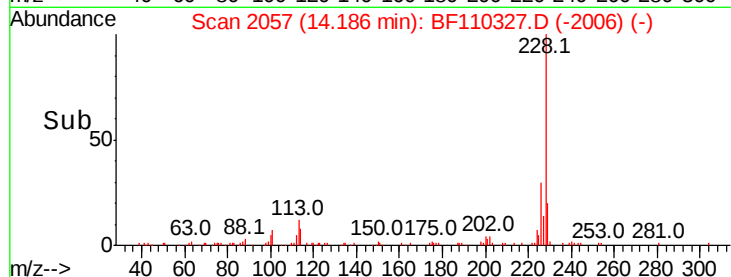
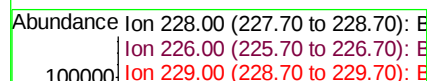
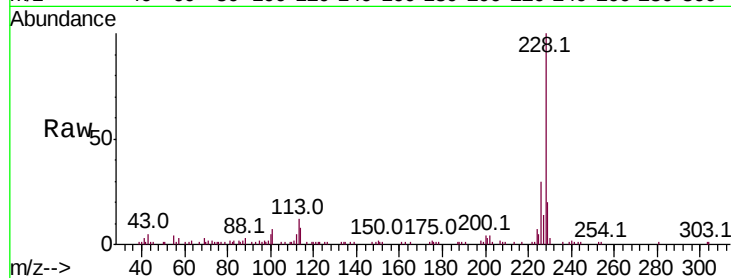
Tot Ion:228 Resp: 52039

Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.7	37.1
229	20.4	15.9	23.9

228 100

226 29.9 24.7 37.1

229 20.4 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.435 ng

RT: 14.11 min Scan# 2044

Delta R.T. -0.00 min

Lab File: BF110327.D

Acq: 31 Oct 2018 12:45

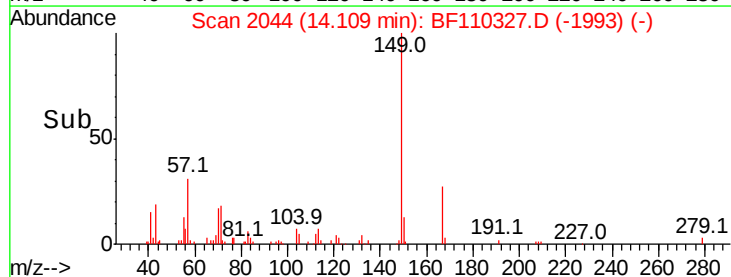
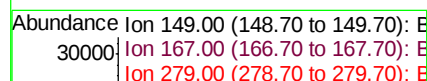
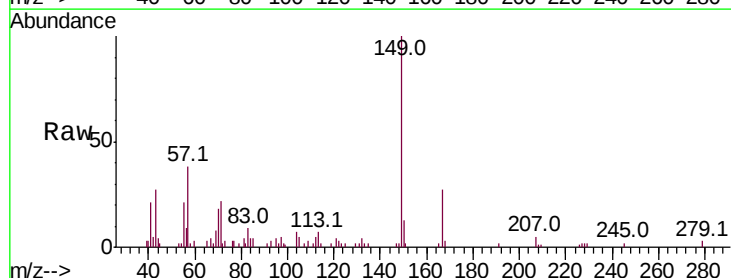
Tgt Ion:149 Resp: 18959

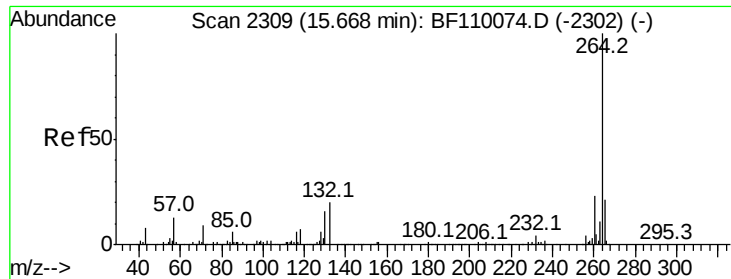
Ion	Ratio	Lower	Upper
149	100		
167	26.6	19.8	29.8
279	3.5	2.7	4.1

149 100

167 26.6 19.8 29.8

279 3.5 2.7 4.1





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.70 min Scan# 2315

Delta R.T. 0.02 min

Lab File: BF110327.D

Acq: 31 Oct 2018 12:45

Instrument :

BNA_F

ClientSampleId :

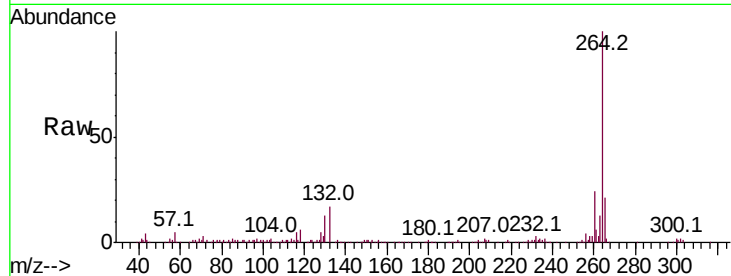
Tot Ion:264 Resp: 177554

Ion Ratio Lower Upper

264 100

260 23.5 18.7 28.1

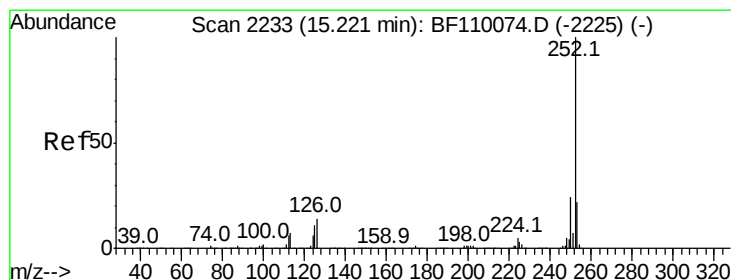
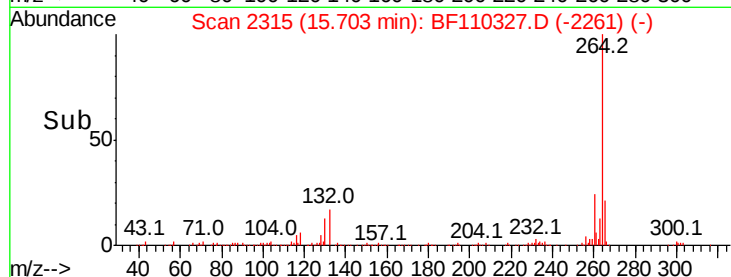
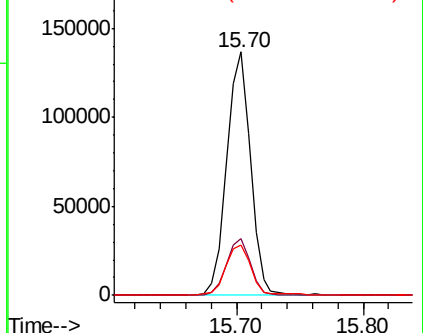
265 20.8 16.7 25.1



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: 5.338 ng

RT: 15.24 min Scan# 2236

Delta R.T. 0.01 min

Lab File: BF110327.D

Acq: 31 Oct 2018 12:45

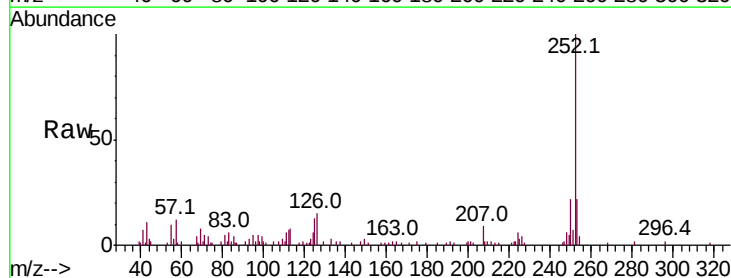
Tgt Ion:252 Resp: 54728

Ion Ratio Lower Upper

252 100

253 22.2 17.2 25.8

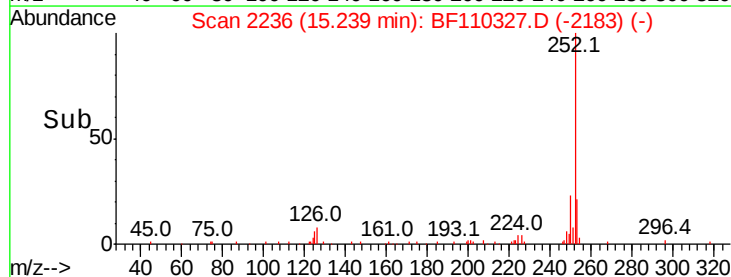
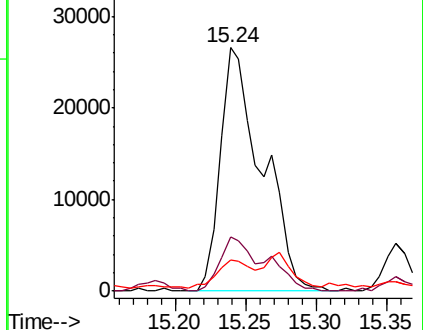
125 12.6 8.2 12.4#

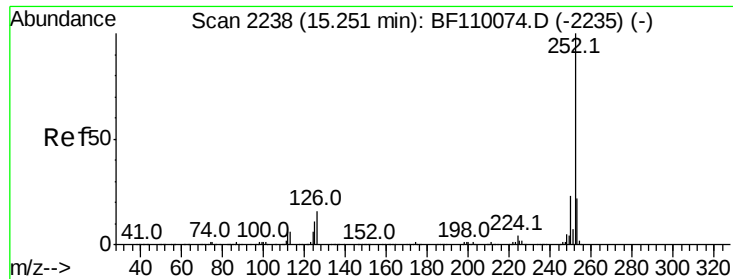


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

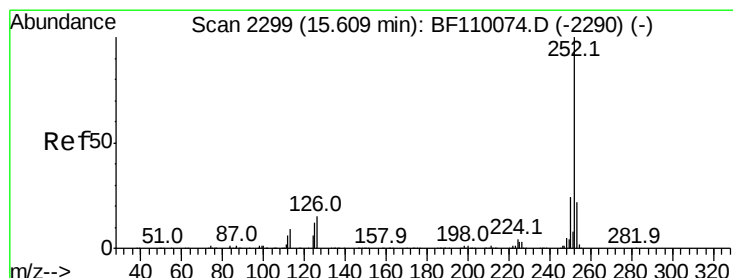
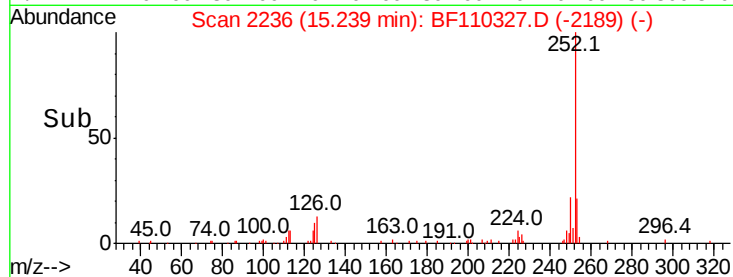
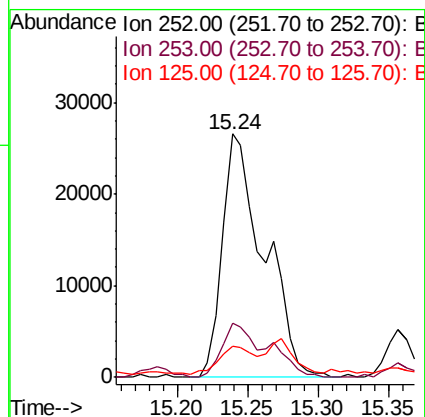
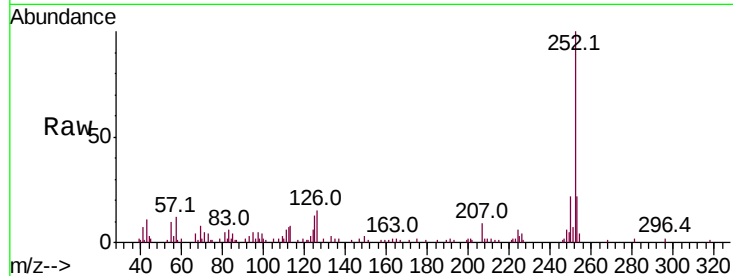




#89
Benzo(k)fluoranthene
Concen: 5.429 ng
RT: 15.24 min Scan# 2236
Delta R.T. -0.02 min
Lab File: BF110327.D
Acq: 31 Oct 2018 12:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 54728
Ion Ratio Lower Upper
252 100
253 22.2 17.2 25.8
125 12.6 7.4 11.0#



#90
Benzo(a)pyrene
Concen: 2.646 ng
RT: 15.63 min Scan# 2303
Delta R.T. 0.01 min
Lab File: BF110327.D
Acq: 31 Oct 2018 12:45

Tgt Ion:252 Resp: 24962
Ion Ratio Lower Upper
252 100
253 21.9 18.2 27.4
125 11.4 9.0 13.6

