

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021218\
 Data File : BF102917.D
 Acq On : 12 Feb 2018 13:45
 Operator : SJ/JU
 Sample : J1525-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 13 00:05:52 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 05 12:44:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	193651	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	786205	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	328495	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	473226	20.00	ng	0.00
75) Chrysene-d12	14.06	240	321024	20.00	ng	0.00
86) Perylene-d12	15.54	264	302320	20.00	ng	0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	990534	77.68	ng	0.01
7) Phenol-d6	6.51	99	1166471	75.97	ng	0.00
23) Nitrobenzene-d5	7.45	82	770648	68.00	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	192391	72.77	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	995197	50.27	ng	0.00
78) Terphenyl-d14	13.00	244	607883	44.84	ng	0.00

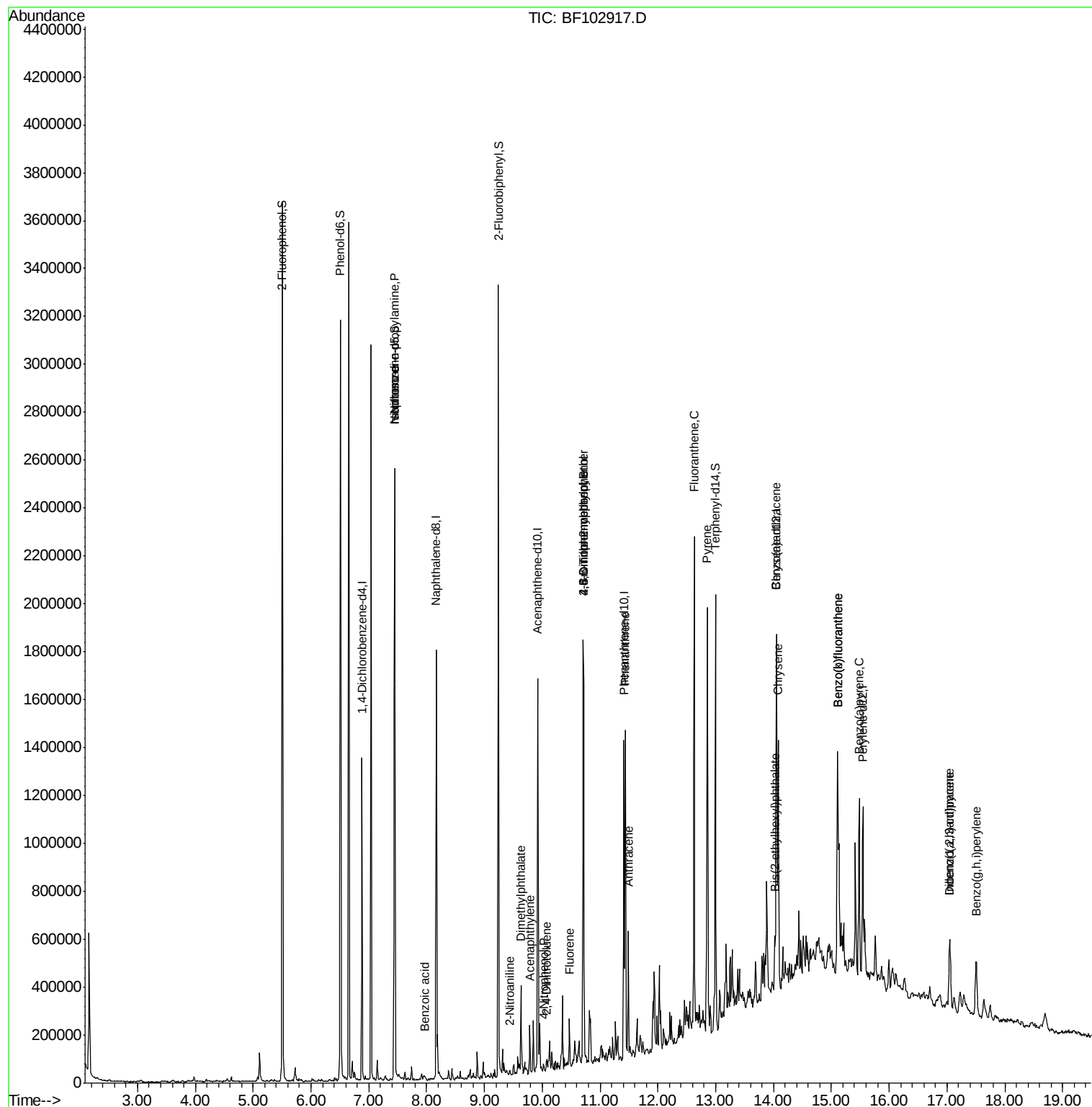
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.45	70	107155	10.59	ng	# 82
25) Isophorone	7.45	82	770636	29.53	ng	# 64
32) Benzoic acid	7.96	122	984	8.67	ng	# 24
47) 2-Nitroaniline	9.45	65	698	3.57	ng	# 2
48) Acenaphthylene	9.79	152	81172	2.40	ng	98
49) Dimethylphthalate	9.63	163	114925	4.49	ng	99
55) 4-Nitrophenol	10.03	139	510	4.12	ng	# 53
56) 2,4-Dinitrotoluene	10.08	165	1736	3.32	ng	# 44
57) Fluorene	10.47	166	49186	2.37	ng	97
64) 4,6-Dinitro-2-methylphenol	10.72	198	388	8.97	ng	# 1
66) 4-Bromophenyl-phenylether	10.71	248	12830	2.56	ng	# 1
70) Phenanthrene	11.44	178	499613	18.96	ng	99
71) Anthracene	11.49	178	179006	6.68	ng	99
74) Fluoranthene	12.63	202	753396	28.41	ng	98
77) Pyrene	12.86	202	723104	28.73	ng	100
80) Benzo(a)anthracene	14.04	228	435580	21.57	ng	97
82) Chrysene	14.08	228	375567	18.45	ng	96
83) Bis(2-ethylhexyl)phthalate	14.02	149	50063	3.25	ng	98
85) Indeno(1,2,3-cd)pyrene	17.05	276	184452	10.93	ng	97
87) Benzo(b)fluoranthene	15.11	252	717864	36.62	ng	# 95
88) Benzo(k)fluoranthene	15.11	252	717864	38.33	ng	98
89) Benzo(a)pyrene	15.48	252	357649	20.27	ng	# 96
90) Dibenzo(a,h)anthracene	17.05	278	48552	3.39	ng	# 74
91) Benzo(g,h,i)perylene	17.51	276	178551	12.74	ng	97

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

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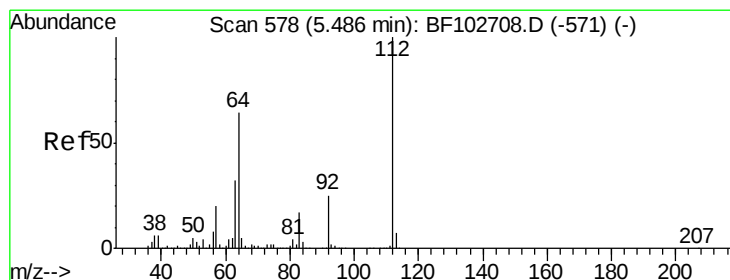
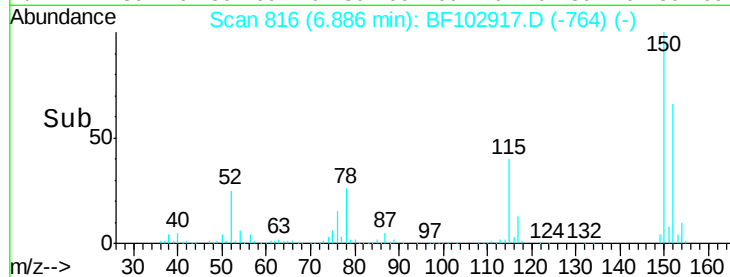
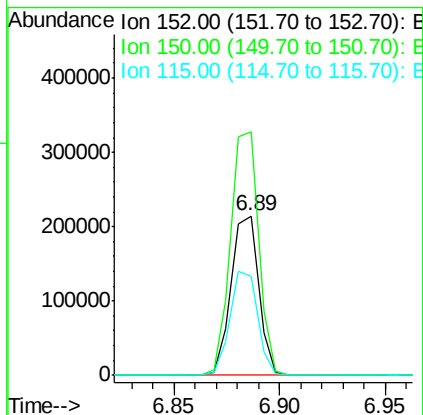
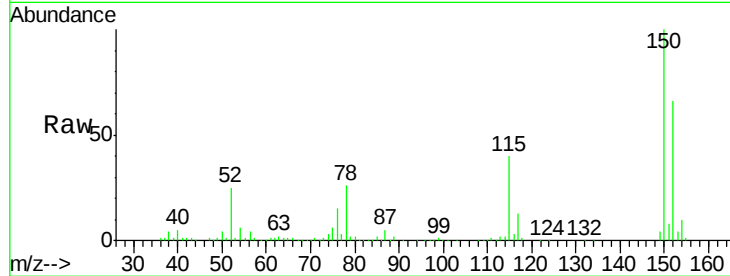


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.01 min
Lab File: BF102917.D
Acq: 12 Feb 2018 13:45

Instrument :
BNA_F
ClientSampleId :

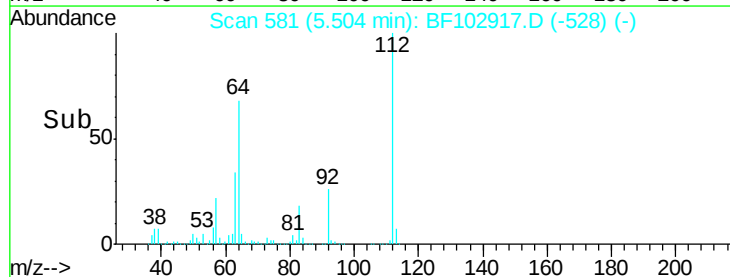
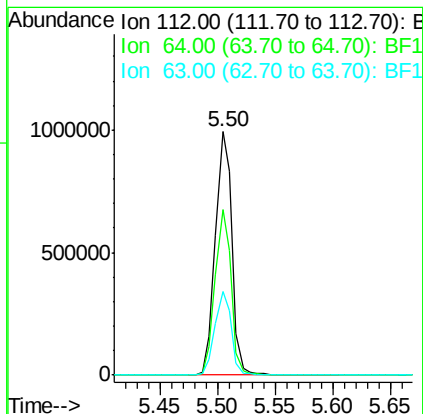
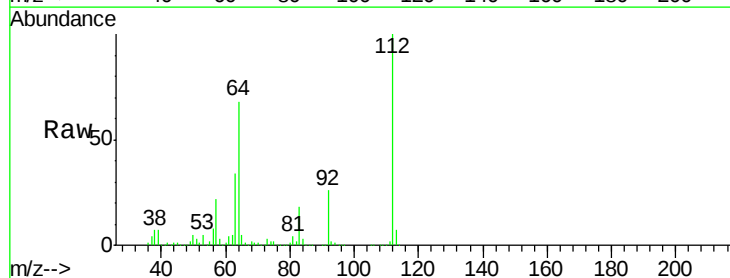
Tot Ion	Ratio	Lower	Upper
152	100		
150	152.4	124.6	186.8
115	61.7	50.1	75.1

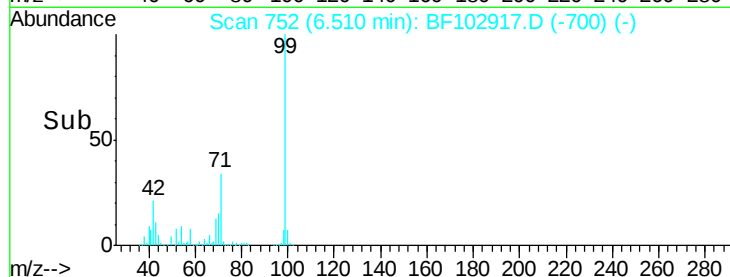
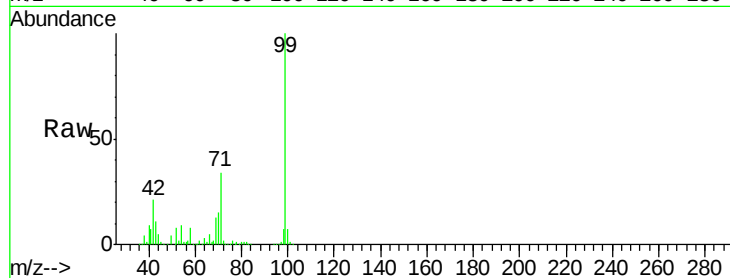
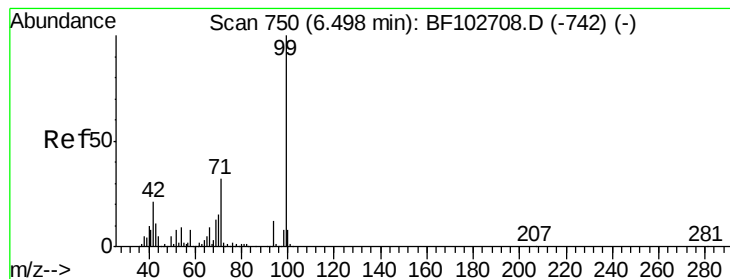


#5

2-Fluorophenol
Concen: 77.68 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF102917.D
Acq: 12 Feb 2018 13:45

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.9	47.9	71.9
63	34.1	23.7	35.5





#7

Phenol-d6

Concen: 75.97 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF102917.D

Acq: 12 Feb 2018 13:45

Instrument :

BNA_F

ClientSampled :

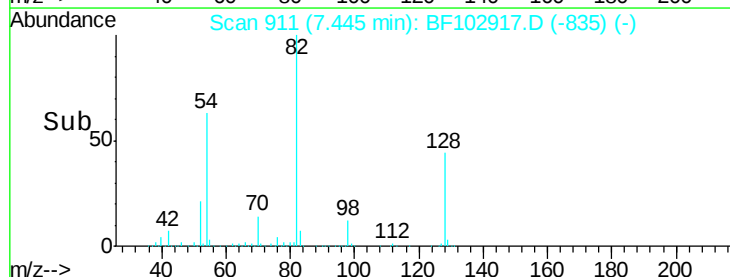
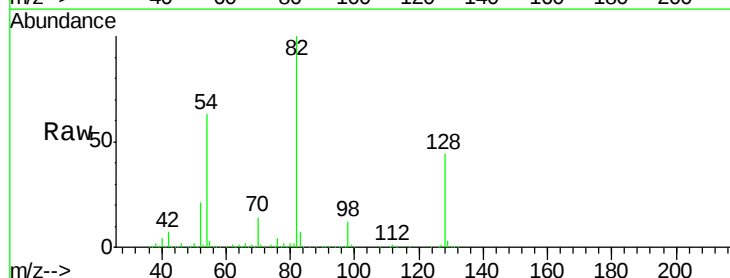
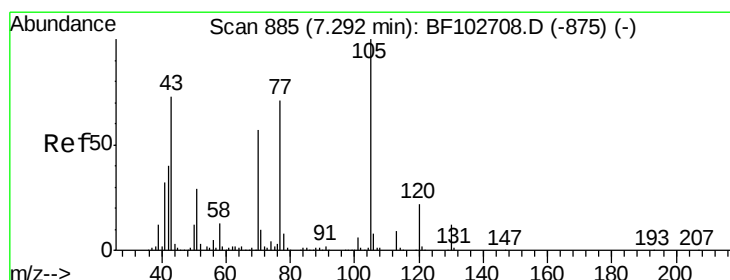
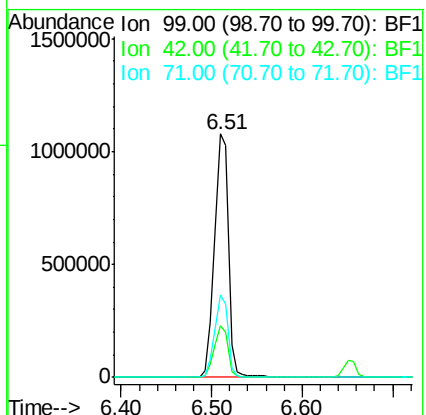
Tot Ion: 99 Resp: 1166471

Ion Ratio Lower Upper

99 100

42 21.5 14.5 21.7

71 33.8 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 10.59 ng

RT: 7.45 min Scan# 911

Delta R.T. 0.15 min

Lab File: BF102917.D

Acq: 12 Feb 2018 13:45

Tgt Ion: 70 Resp: 107155

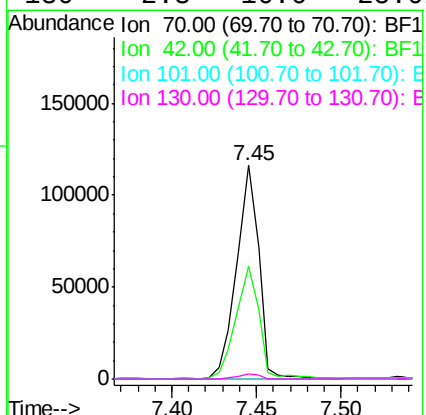
Ion Ratio Lower Upper

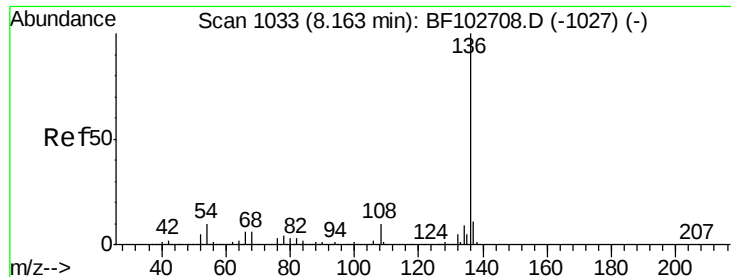
70 100

42 53.0 47.5 71.3

101 0.0 7.4 11.2#

130 2.3 16.6 25.0#

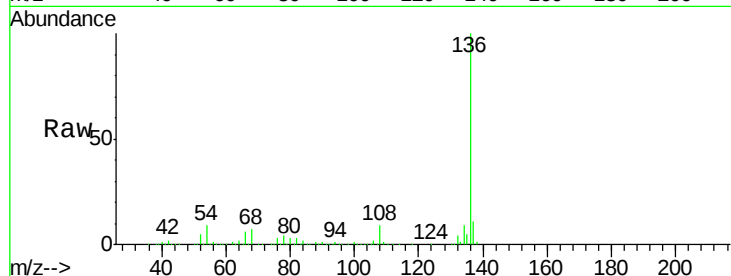




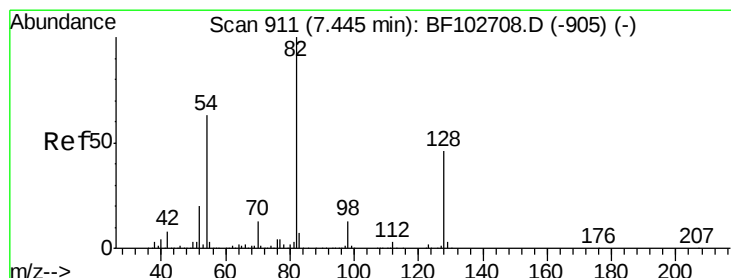
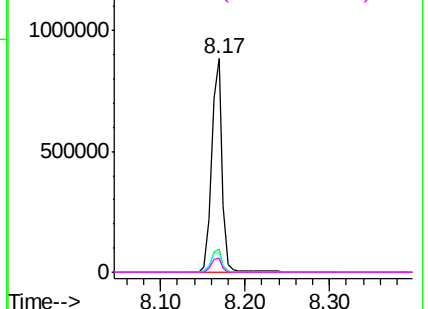
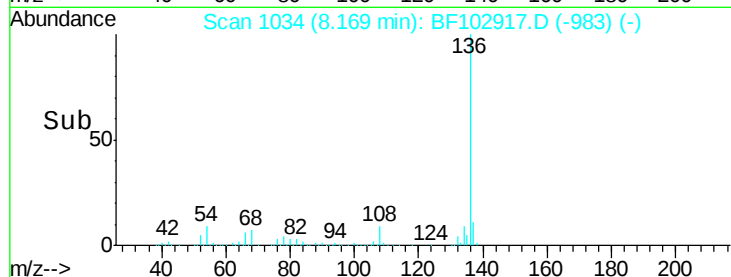
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BF102917.D
Acq: 12 Feb 2018 13:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	786205
Ion Ratio	Lower	Upper
136	100	
137	10.6	8.9 13.3
54	9.3	6.6 9.8
68	6.6	5.0 7.4

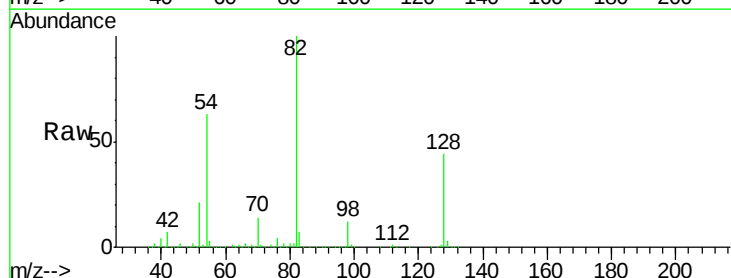


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

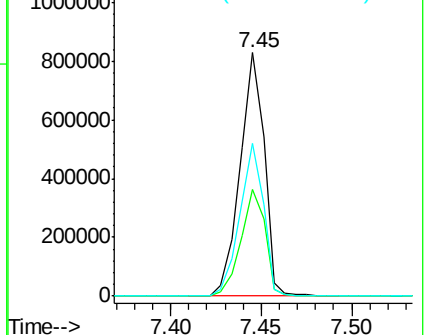
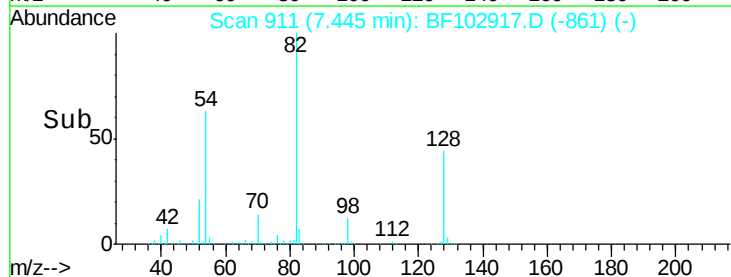


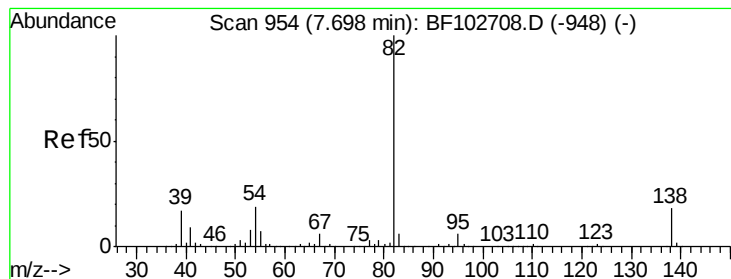
#23
Nitrobenzene-d5
Concen: 68.00 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF102917.D
Acq: 12 Feb 2018 13:45

Tgt Ion: 82	Resp:	770648
Ion Ratio	Lower	Upper
82	100	
128	43.8	36.1 54.1
54	62.6	41.4 62.2#



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





#25

Isophorone

Concen: 29.53 ng

RT: 7.45 min Scan# 911

Delta R.T. -0.26 min

Lab File: BF102917.D

Acq: 12 Feb 2018 13:45

Instrument :

BNA_F

ClientSampleId :

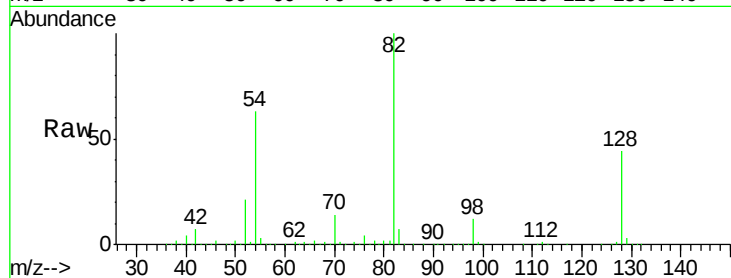
Tot Ion: 82 Resp: 770636

Ion Ratio Lower Upper

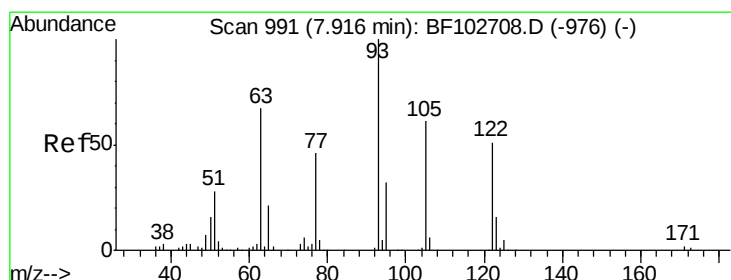
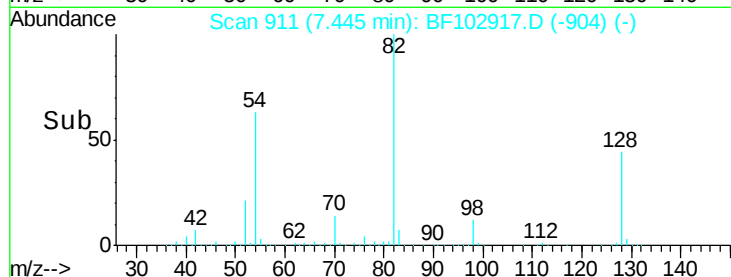
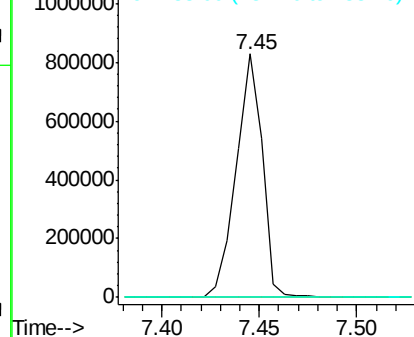
82 100

95 0.1 5.2 7.8#

138 0.0 14.9 22.3#



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



#32

Benzoic acid

Concen: 8.67 ng

RT: 7.96 min Scan# 998

Delta R.T. 0.02 min

Lab File: BF102917.D

Acq: 12 Feb 2018 13:45

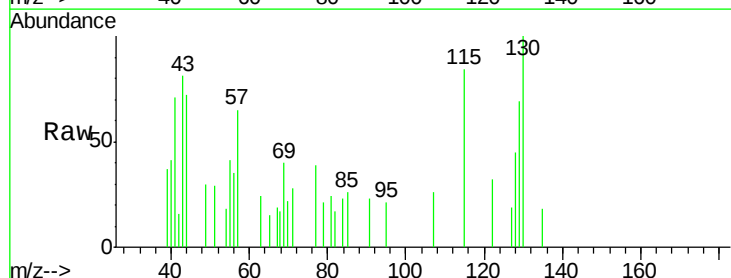
Tgt Ion: 122 Resp: 984

Ion Ratio Lower Upper

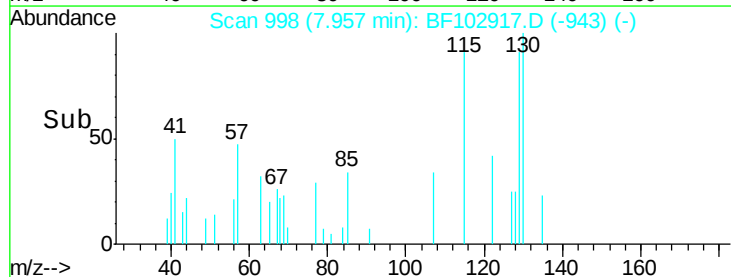
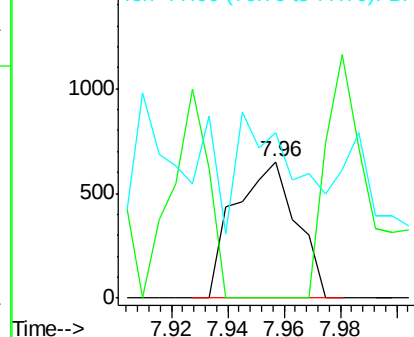
122 100

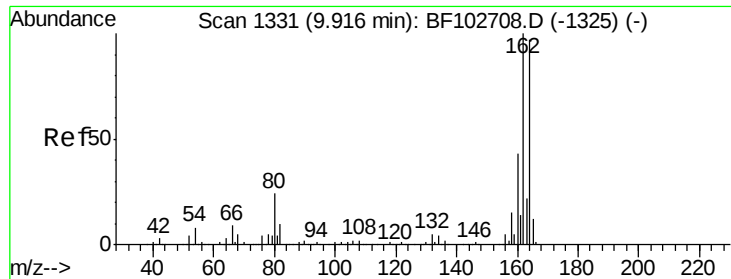
105 0.0 101.1 141.1#

77 120.9 70.7 110.7#



Abundance Ion 122.00 (121.70 to 122.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

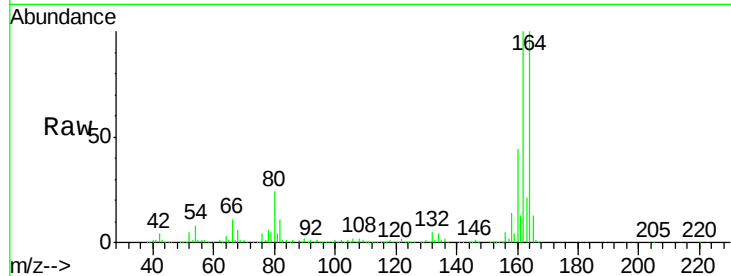




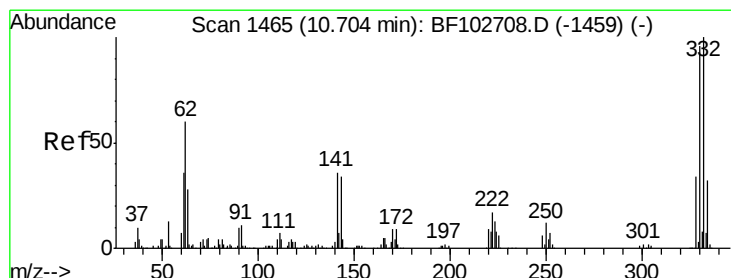
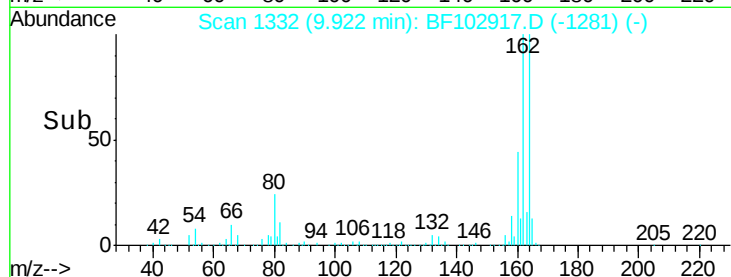
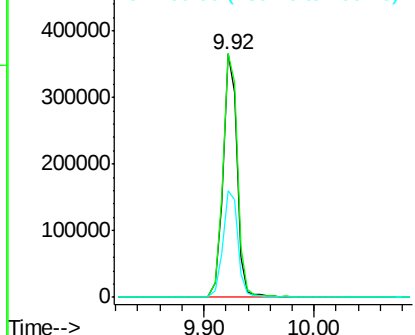
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. -0.00 min
 Lab File: BF102917.D
 Acq: 12 Feb 2018 13:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 328495
 Ion Ratio Lower Upper
 164 100
 162 99.8 86.1 129.1
 160 43.8 38.3 57.5

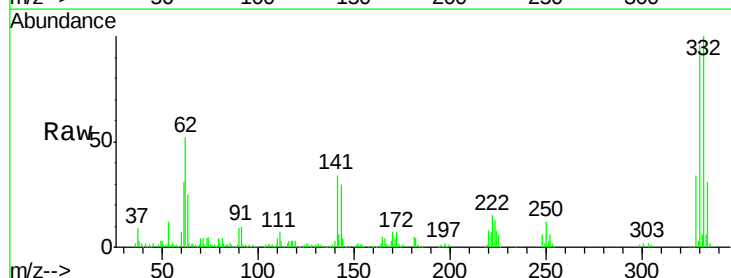


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

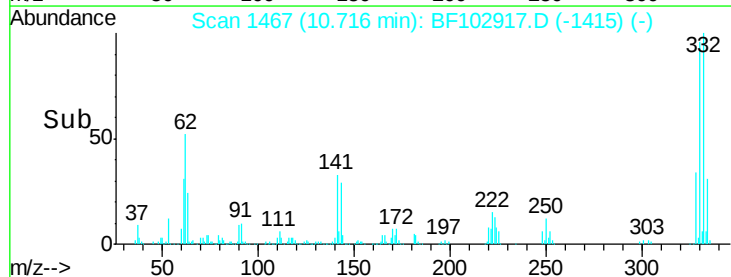
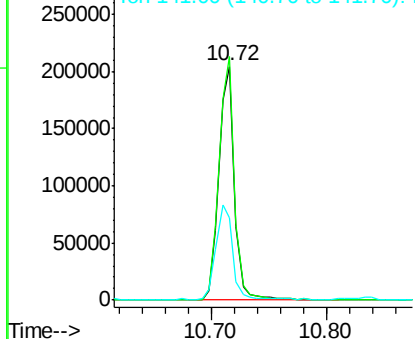


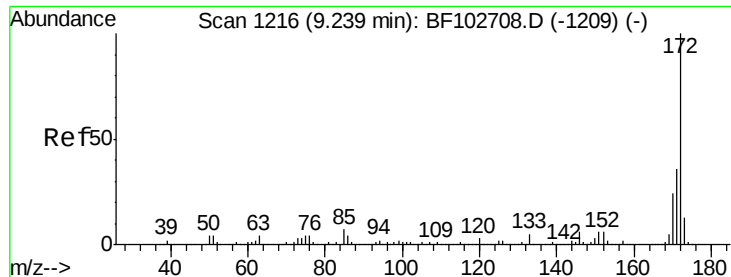
#41
 2,4,6-Tribromophenol
 Concen: 72.77 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. 0.01 min
 Lab File: BF102917.D
 Acq: 12 Feb 2018 13:45

Tgt Ion:330 Resp: 192391
 Ion Ratio Lower Upper
 330 100
 332 104.0 77.0 115.6
 141 42.7 29.9 44.9



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

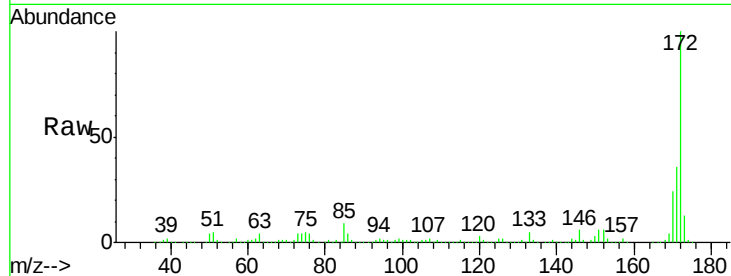




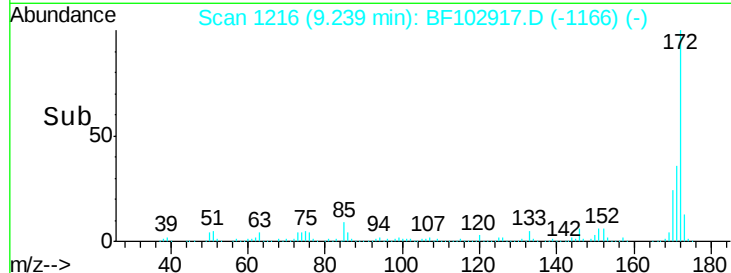
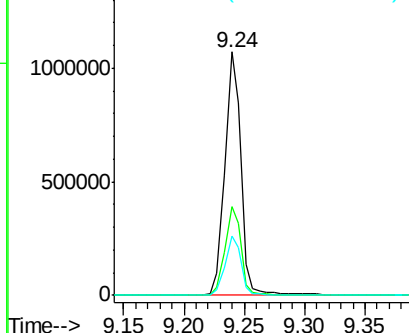
#44
2-Fluorobiphenyl
Concen: 50.27 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF102917.D
Acq: 12 Feb 2018 13:45

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.5	19.6	29.4

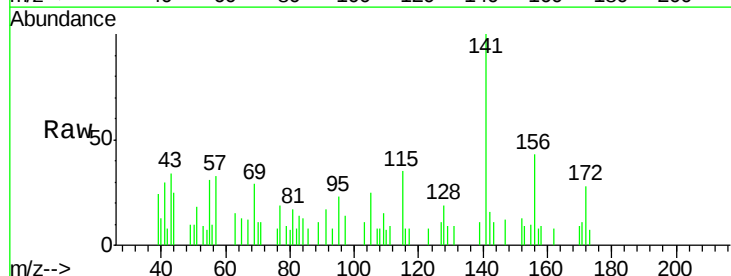


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

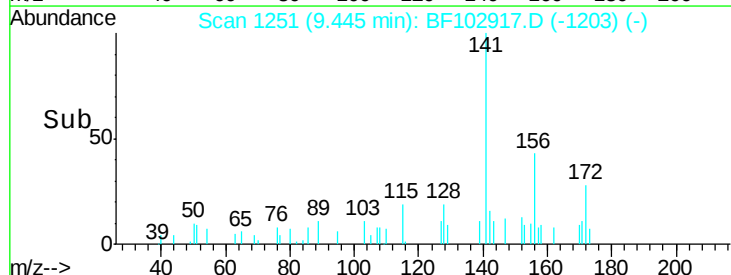
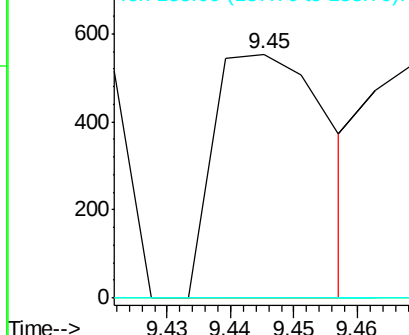


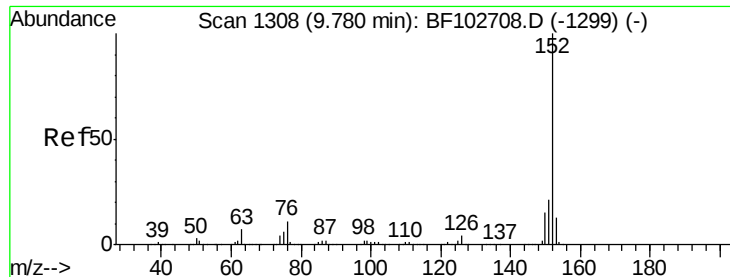
#47
2-Nitroaniline
Concen: 3.57 ng
RT: 9.45 min Scan# 1251
Delta R.T. -0.02 min
Lab File: BF102917.D
Acq: 12 Feb 2018 13:45

Tgt Ion	Ratio	Lower	Upper
65	100		
92	0.0	55.8	83.6#
138	0.0	91.2	136.8#



Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E

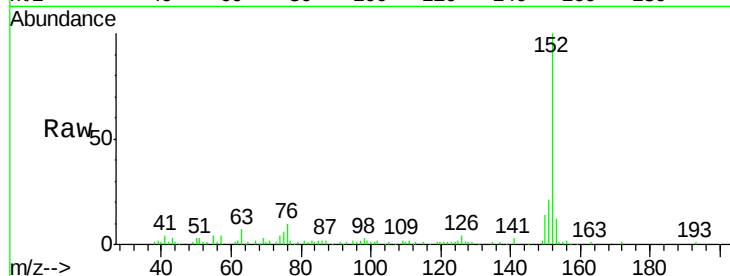




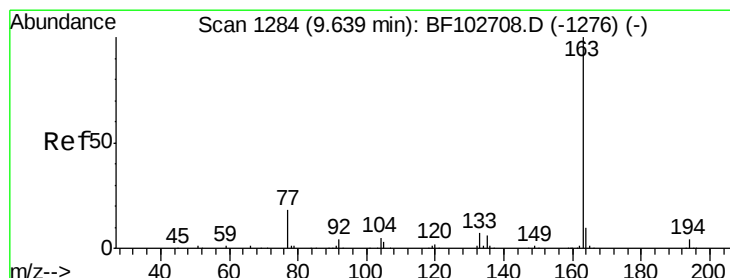
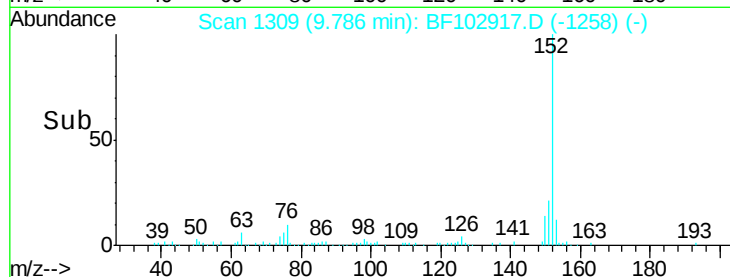
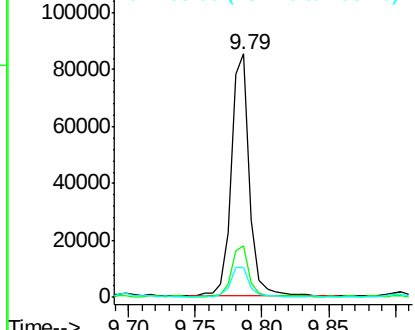
#48
Acenaphthylene
Concen: 2.40 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BF102917.D
Acq: 12 Feb 2018 13:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 81172
Ion Ratio Lower Upper
152 100
151 21.4 16.3 24.5
153 12.3 10.7 16.1

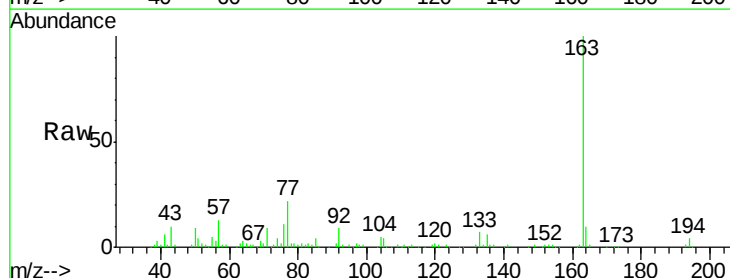


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

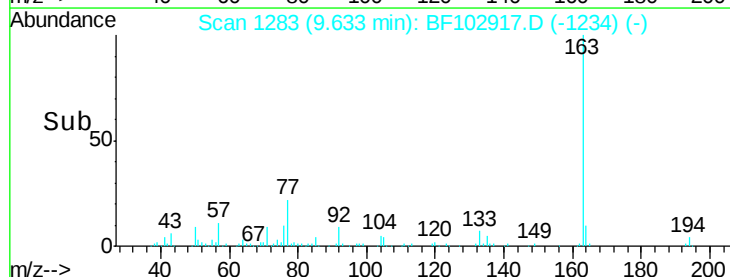
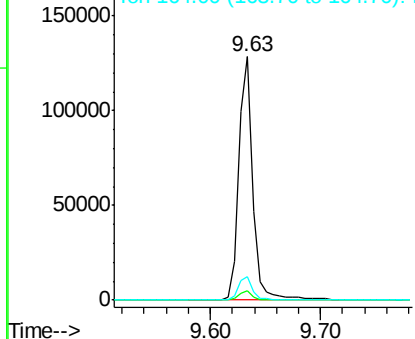


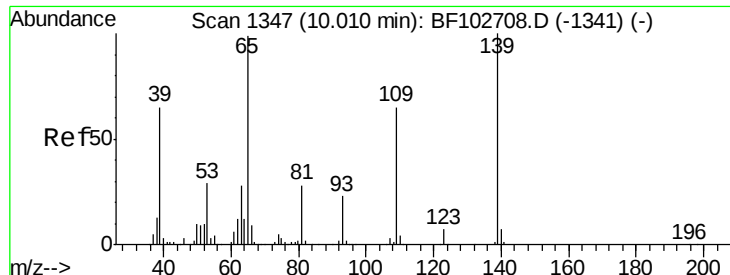
#49
Dimethylphthalate
Concen: 4.49 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BF102917.D
Acq: 12 Feb 2018 13:45

Tgt Ion:163 Resp: 114925
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 9.7 8.2 12.2



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

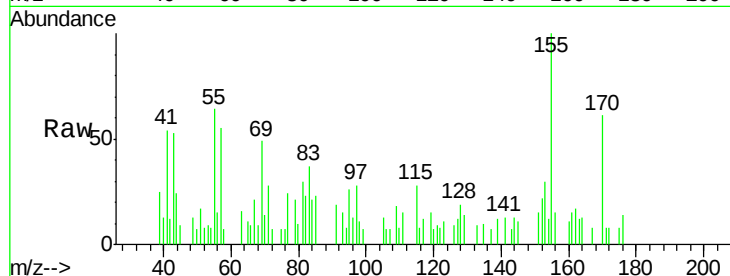




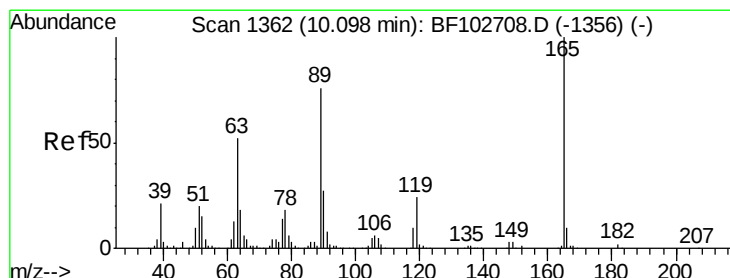
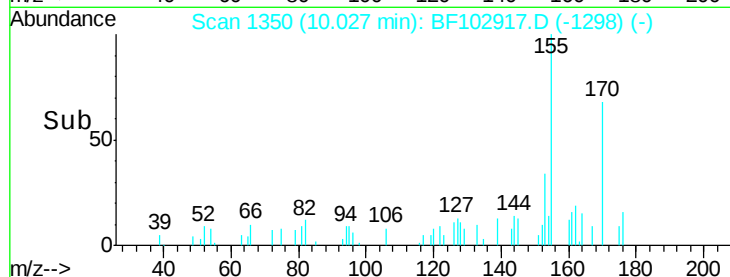
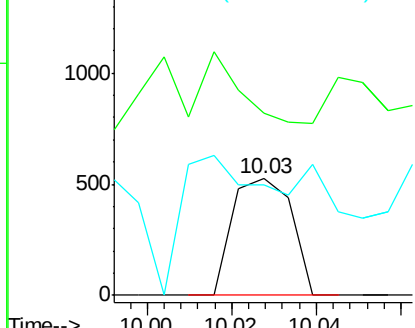
#55
4-Nitrophenol
Concen: 4.12 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.01 min
Lab File: BF102917.D
Acq: 12 Feb 2018 13:45

Instrument :
BNA_F
ClientSampled :

Tot Ion:139 Resp: 510
Ion Ratio Lower Upper
139 100
109 156.4 48.4 88.4#
65 94.9 72.6 112.6

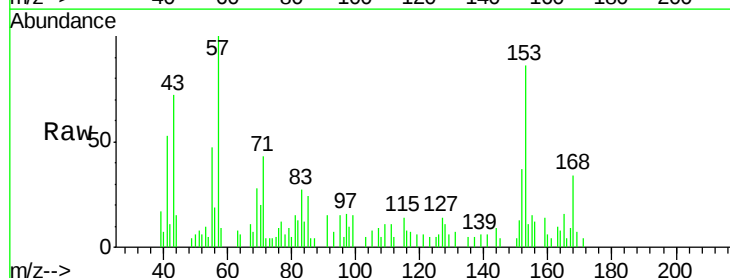


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

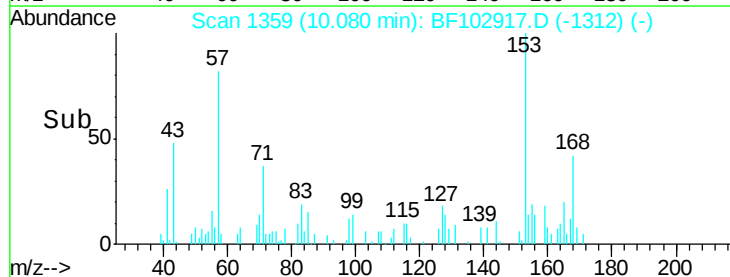
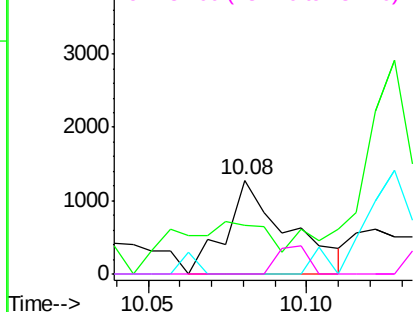


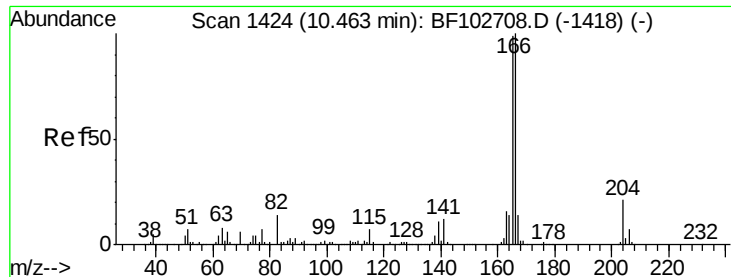
#56
2,4-Dinitrotoluene
Concen: 3.32 ng
RT: 10.08 min Scan# 1359
Delta R.T. -0.02 min
Lab File: BF102917.D
Acq: 12 Feb 2018 13:45

Tgt Ion:165 Resp: 1736
Ion Ratio Lower Upper
165 100
63 51.5 36.4 54.6
89 0.0 57.8 86.6#
182 0.0 1.6 2.4#



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
Ion 182.00 (181.70 to 182.70): E

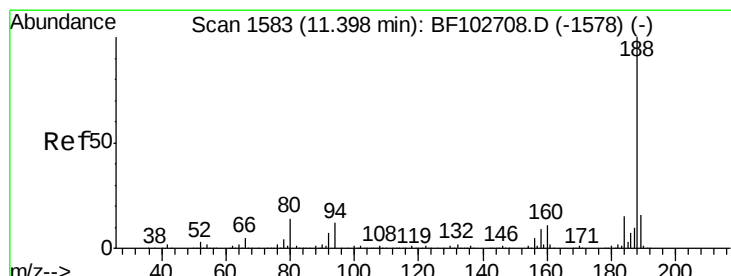
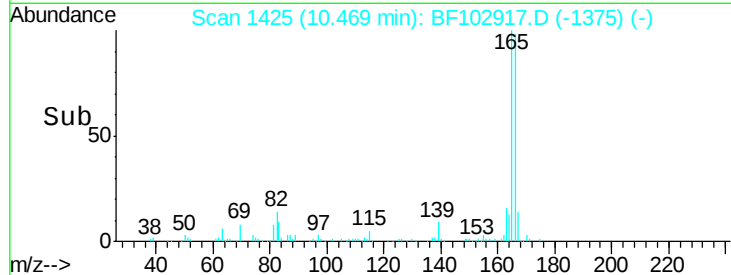
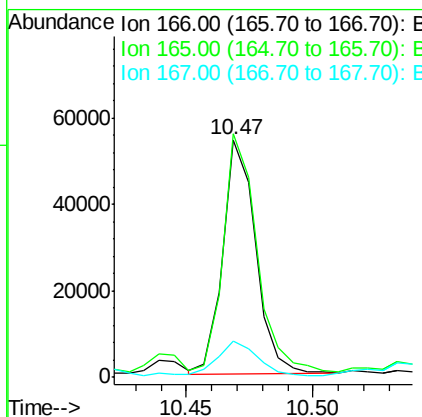
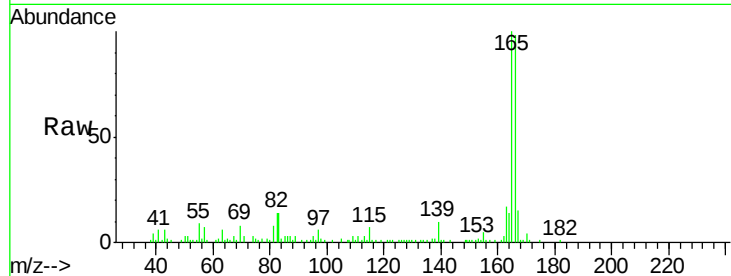




#57
Fluorene
 Concen: 2.37 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. -0.01 min
 Lab File: BF102917.D
 Acq: 12 Feb 2018 13:45

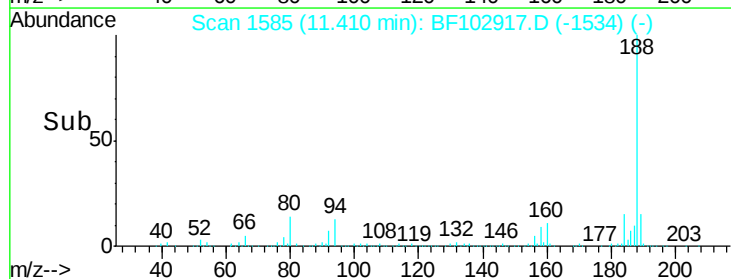
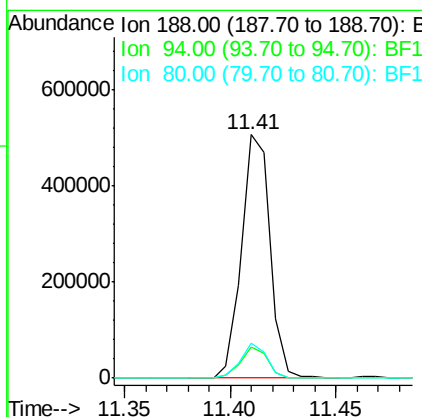
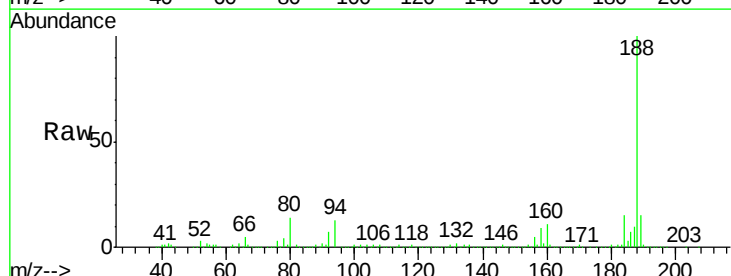
Instrument :
 BNA_F
 ClientSampleId :

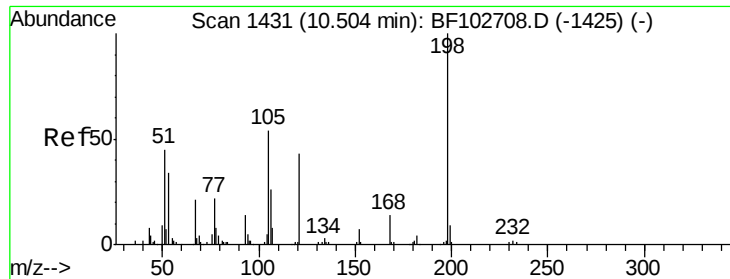
Tot Ion:166 Resp: 49186
 Ion Ratio Lower Upper
 166 100
 165 102.5 79.8 119.8
 167 15.3 10.6 16.0



#63
Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.41 min Scan# 1585
 Delta R.T. -0.00 min
 Lab File: BF102917.D
 Acq: 12 Feb 2018 13:45

Tgt Ion:188 Resp: 473226
 Ion Ratio Lower Upper
 188 100
 94 12.7 8.5 12.7
 80 14.2 9.2 13.8#

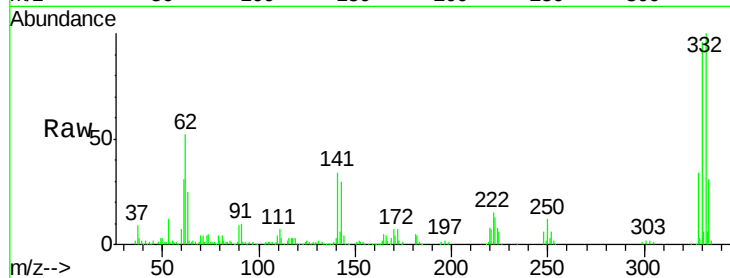




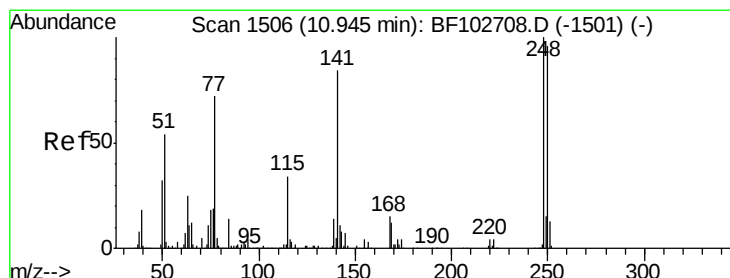
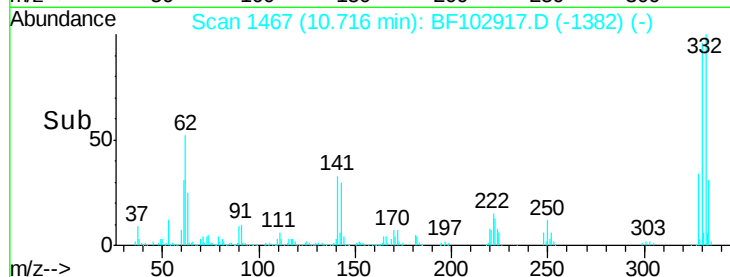
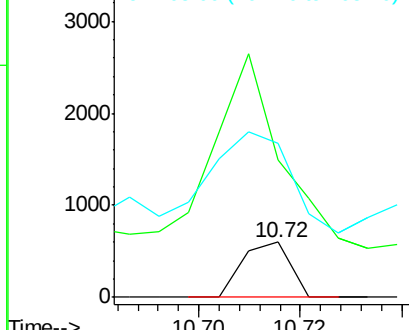
#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.97 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. 0.20 min
 Lab File: BF102917.D
 Acq: 12 Feb 2018 13:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:198 Resp: 388
 Ion Ratio Lower Upper
 198 100
 51 249.3 37.7 77.7#
 105 279.3 36.3 76.3#

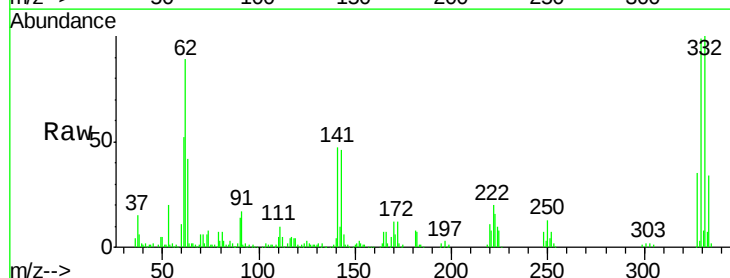


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

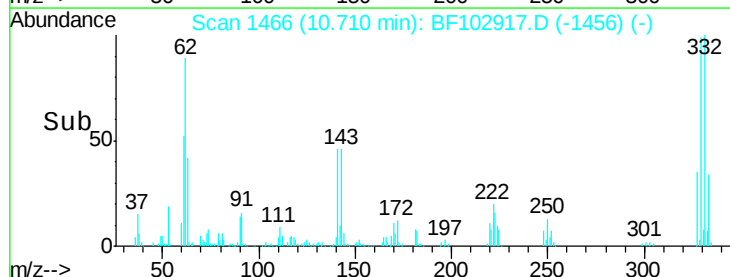
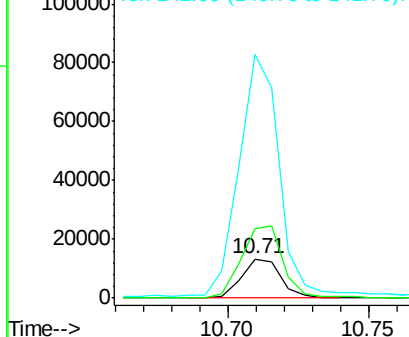


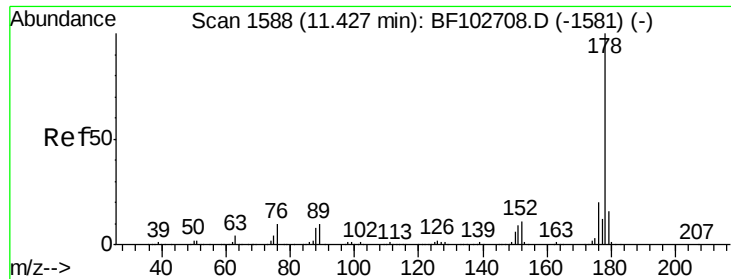
#66
 4-Bromophenyl-phenylether
 Concen: 2.56 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.24 min
 Lab File: BF102917.D
 Acq: 12 Feb 2018 13:45

Tgt Ion:248 Resp: 12830
 Ion Ratio Lower Upper
 248 100
 250 177.8 76.9 115.3#
 141 625.8 74.4 111.6#



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

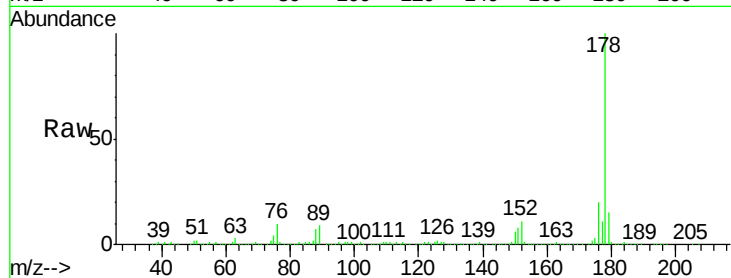




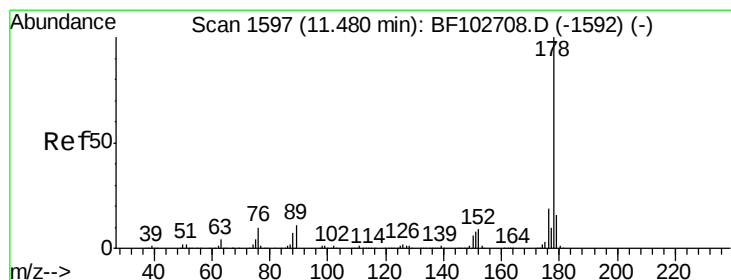
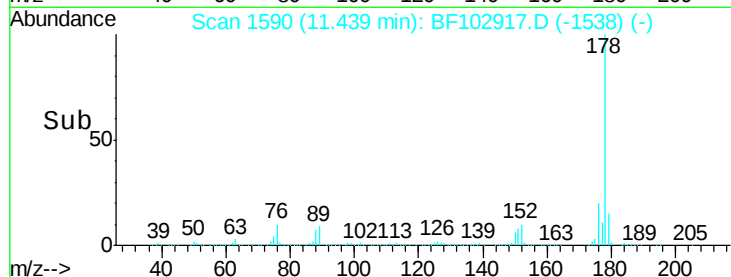
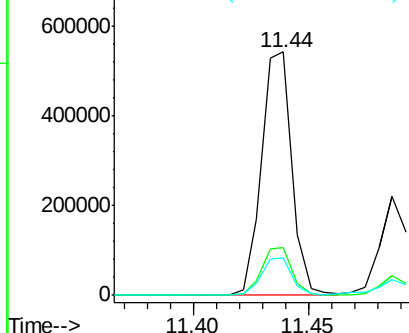
#70
Phenanthrene
Concen: 18.96 ng
RT: 11.44 min Scan# 1590
Delta R.T. 0.01 min
Lab File: BF102917.D
Acq: 12 Feb 2018 13:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 499613
Ion Ratio Lower Upper
178 100
176 19.7 15.8 23.8
179 15.3 13.0 19.6

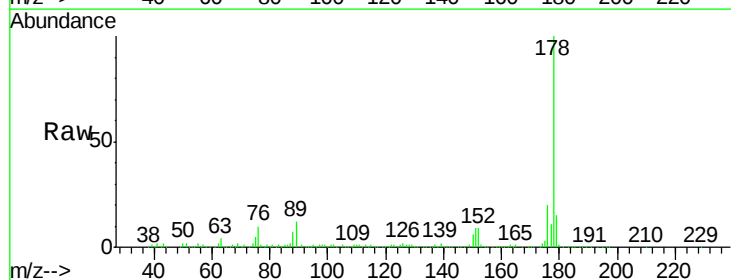


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

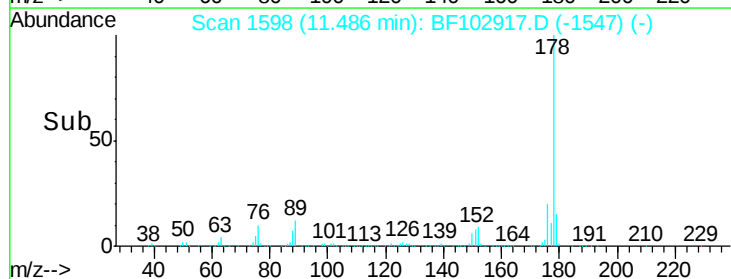
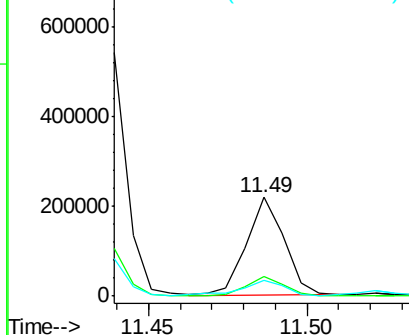


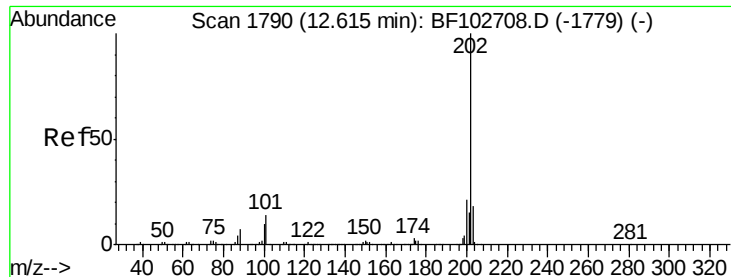
#71
Anthracene
Concen: 6.68 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.00 min
Lab File: BF102917.D
Acq: 12 Feb 2018 13:45

Tgt Ion:178 Resp: 179006
Ion Ratio Lower Upper
178 100
176 19.9 15.4 23.2
179 15.3 12.6 19.0



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





#74

Fluoranthene

Concen: 28.41 ng

RT: 12.63 min Scan# 1792

Delta R.T. 0.01 min

Lab File: BF102917.D

Acq: 12 Feb 2018 13:45

Instrument :

BNA_F

ClientSampleId :

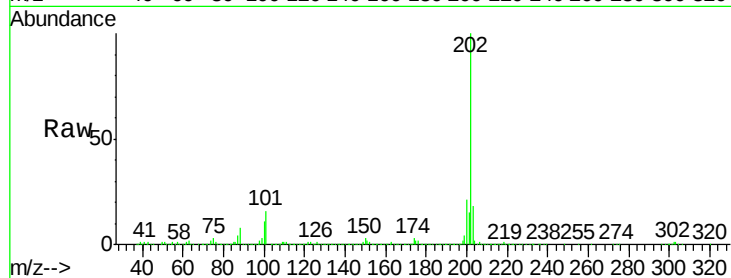
Tot Ion:202 Resp: 753396

Ion Ratio Lower Upper

202 100

101 15.9 0.0 34.1

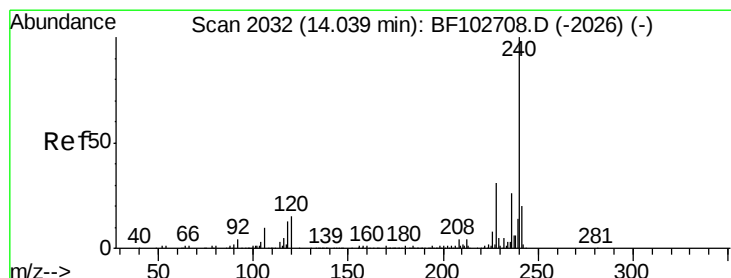
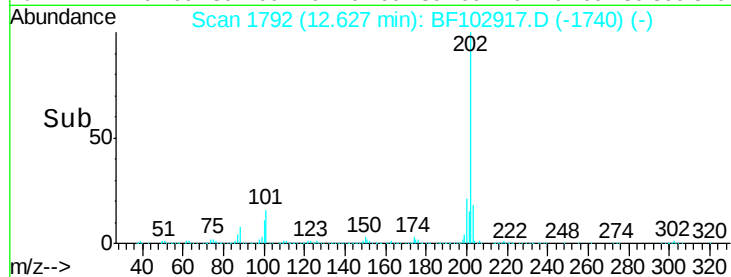
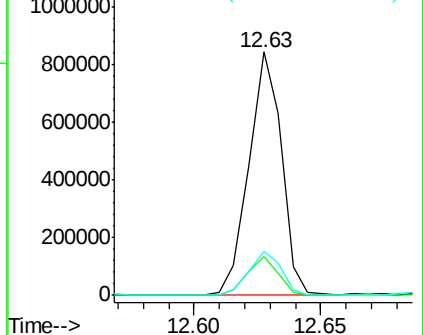
203 17.8 0.0 38.1



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.06 min Scan# 2035

Delta R.T. 0.01 min

Lab File: BF102917.D

Acq: 12 Feb 2018 13:45

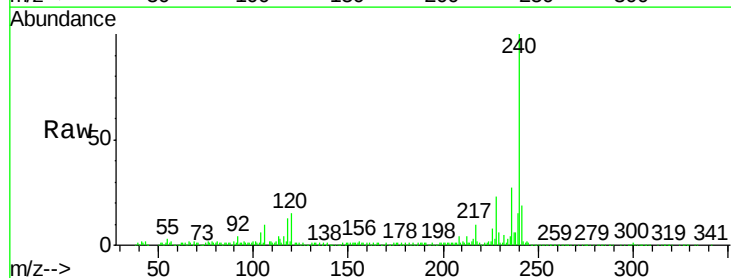
Tgt Ion:240 Resp: 321024

Ion Ratio Lower Upper

240 100

120 15.3 9.5 14.3#

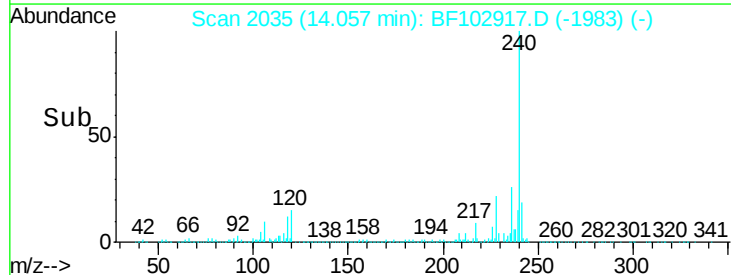
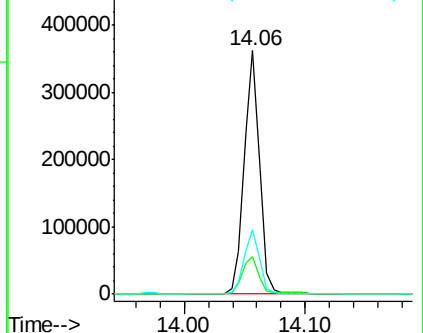
236 26.5 20.7 31.1

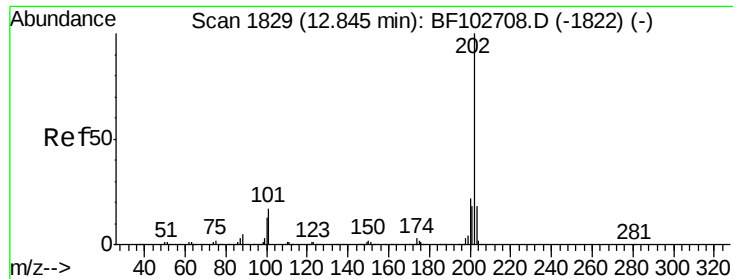


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

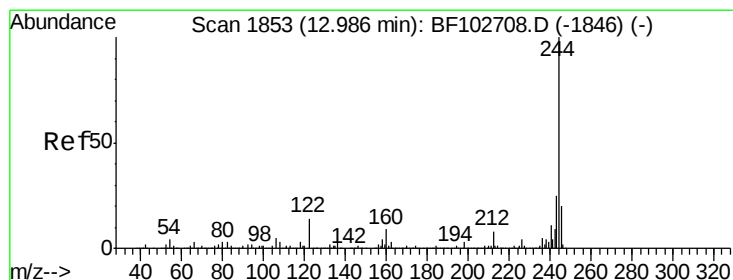
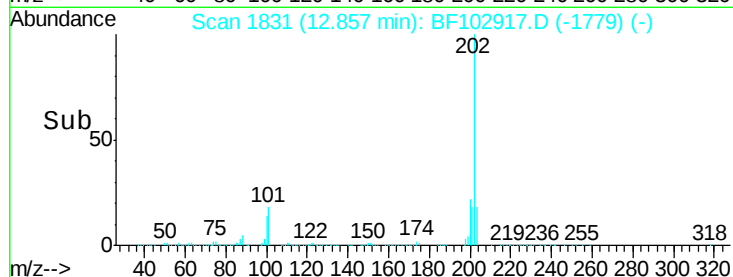
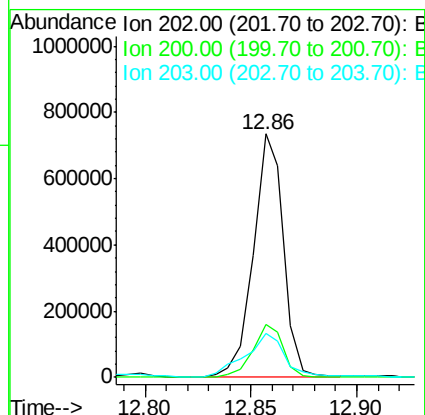
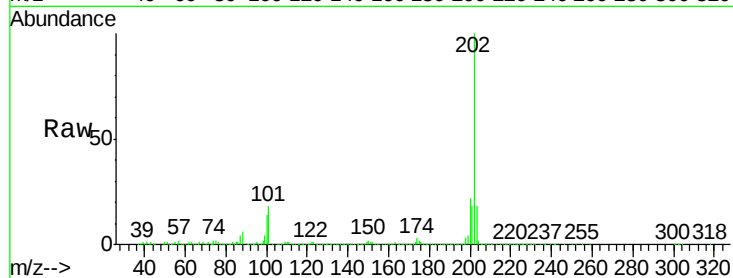




#77
Pvrene
Concen: 28.73 ng
RT: 12.86 min Scan# 1831
Delta R.T. 0.01 min
Lab File: BF102917.D
Acq: 12 Feb 2018 13:45

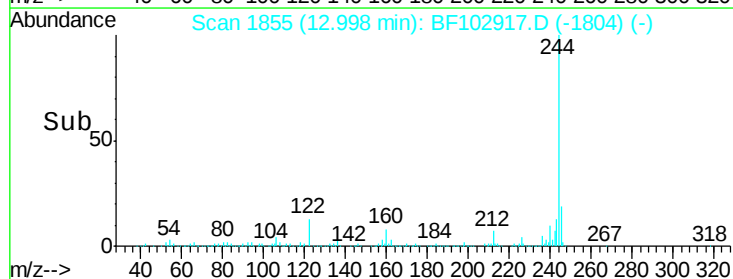
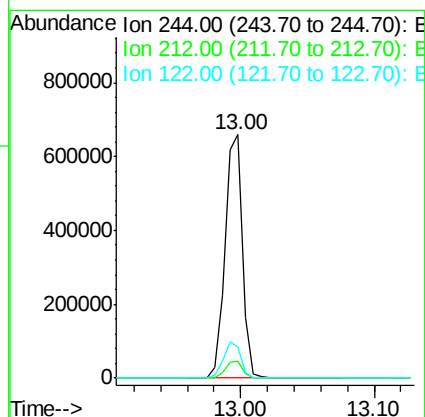
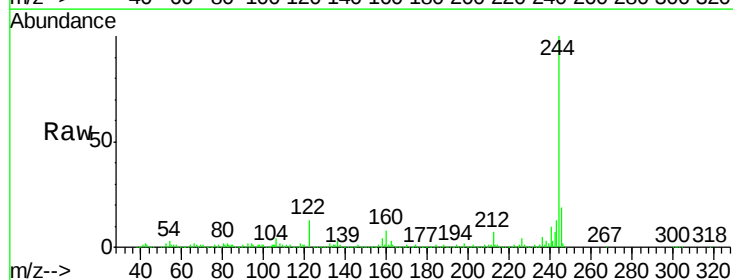
Instrument :
BNA_F
ClientSampleId :

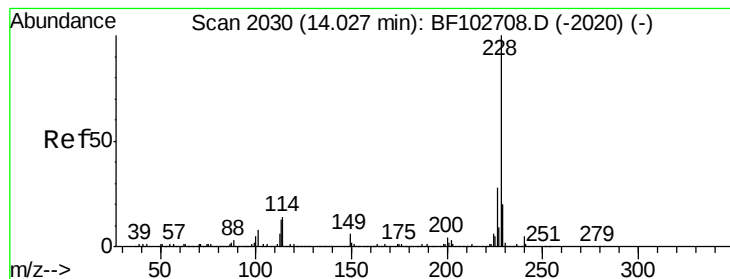
Tot Ion:202 Resp: 723104
Ion Ratio Lower Upper
202 100
200 21.9 17.4 26.2
203 18.0 14.3 21.5



#78
Terphenyl-d14
Concen: 44.84 ng
RT: 13.00 min Scan# 1855
Delta R.T. -0.00 min
Lab File: BF102917.D
Acq: 12 Feb 2018 13:45

Tgt Ion:244 Resp: 607883
Ion Ratio Lower Upper
244 100
212 7.0 5.4 8.0
122 12.7 11.0 16.4





#80

Benzo(a)anthracene

Concen: 21.57 ng

RT: 14.04 min Scan# 2033

Delta R.T. 0.01 min

Lab File: BF102917.D

Acq: 12 Feb 2018 13:45

Instrument :

BNA_F

ClientSampled :

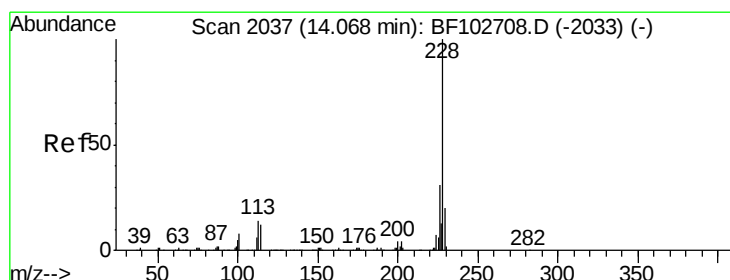
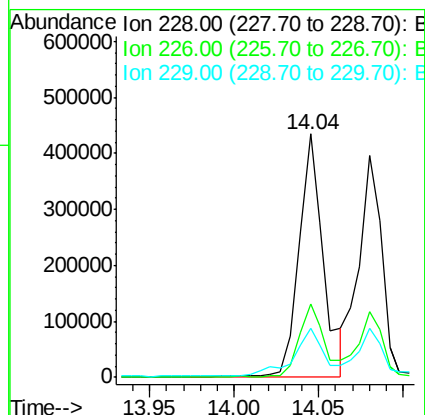
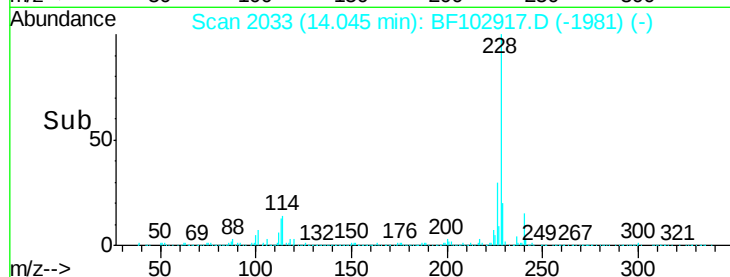
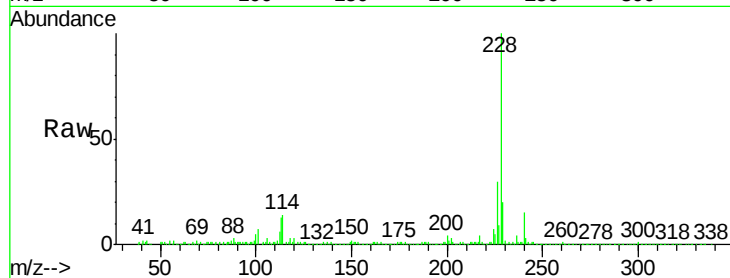
Tot Ion:228 Resp: 435580

Ion Ratio Lower Upper

228 100

226 29.9 22.6 33.8

229 20.4 15.8 23.6



#82

Chrysene

Concen: 18.45 ng

RT: 14.08 min Scan# 2039

Delta R.T. -0.00 min

Lab File: BF102917.D

Acq: 12 Feb 2018 13:45

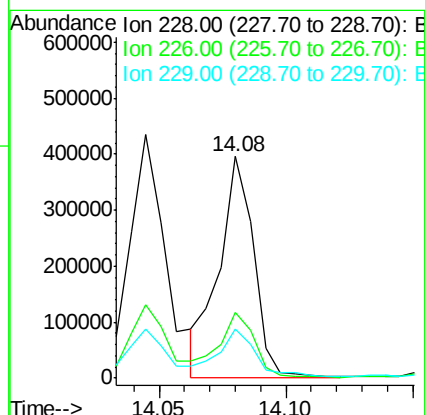
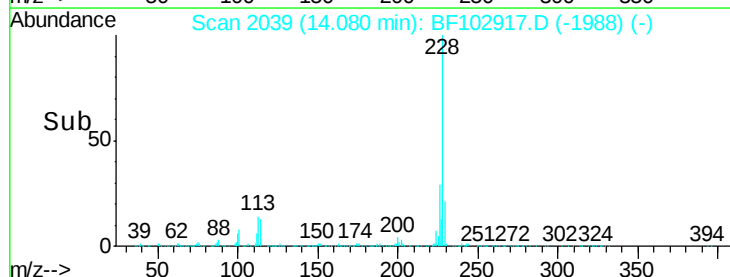
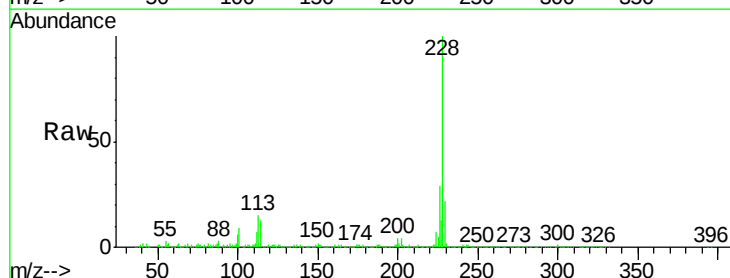
Tgt Ion:228 Resp: 375567

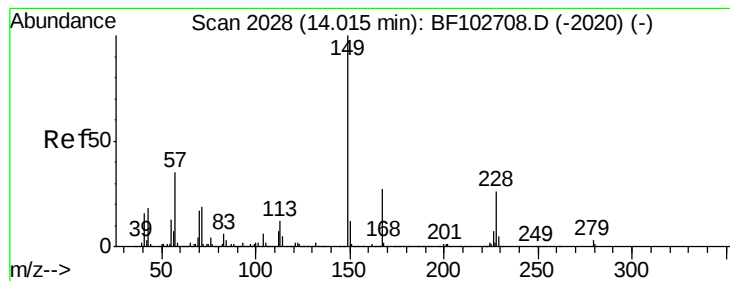
Ion Ratio Lower Upper

228 100

226 29.5 25.0 37.6

229 22.1 16.2 24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 3.25 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.00 min

Lab File: BF102917.D

Acq: 12 Feb 2018 13:45

Instrument :

BNA_F

ClientSampleId :

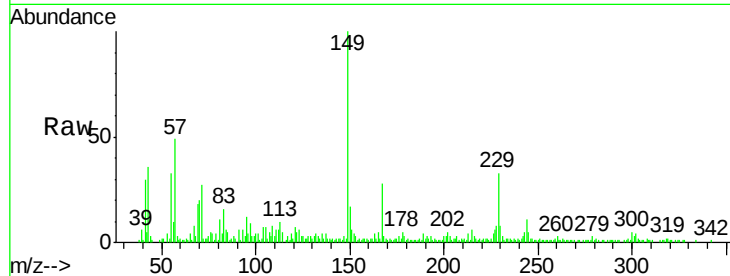
Tot Ion:149 Resp: 50063

Ion Ratio Lower Upper

149 100

167 27.6 21.3 31.9

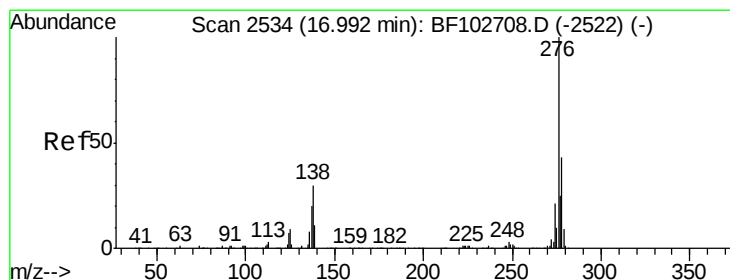
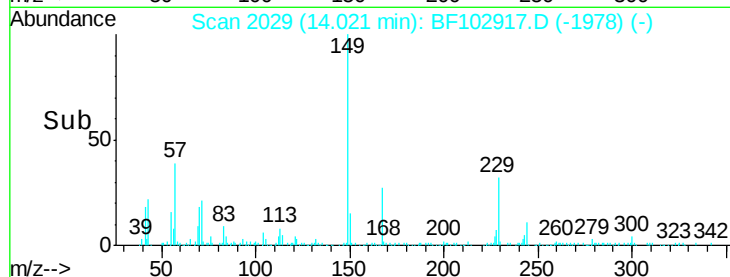
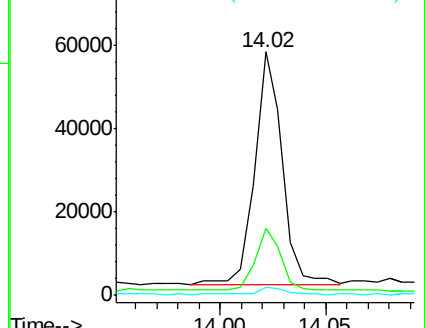
279 3.5 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Indeno(1,2,3-cd)pyrene

Concen: 10.93 ng

RT: 17.05 min Scan# 2544

Delta R.T. 0.04 min

Lab File: BF102917.D

Acq: 12 Feb 2018 13:45

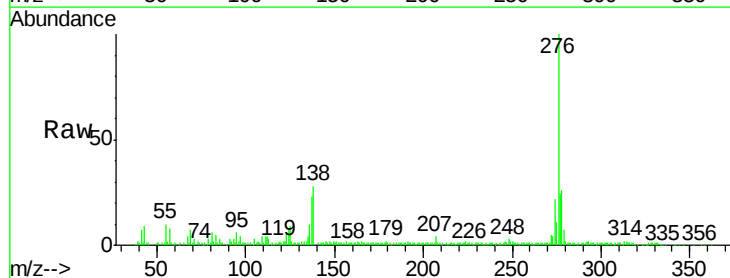
Tgt Ion:276 Resp: 184452

Ion Ratio Lower Upper

276 100

138 28.7 25.0 37.6

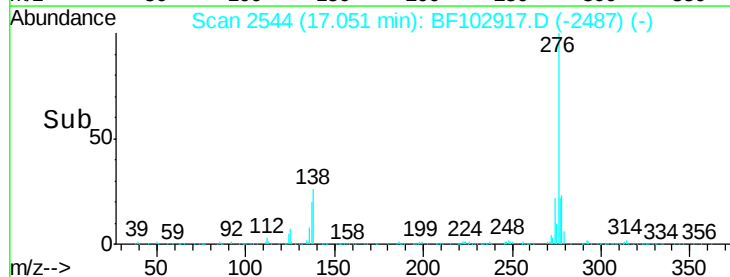
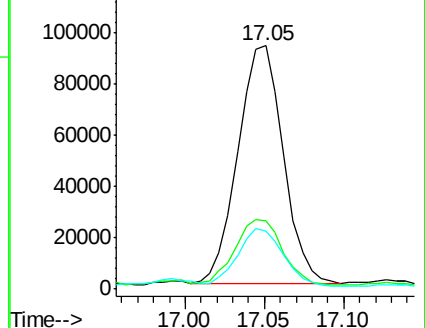
277 24.2 20.1 30.1

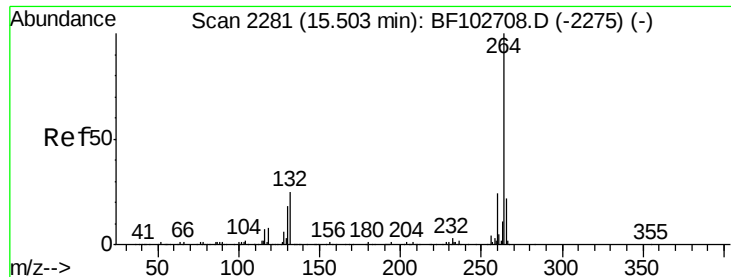


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

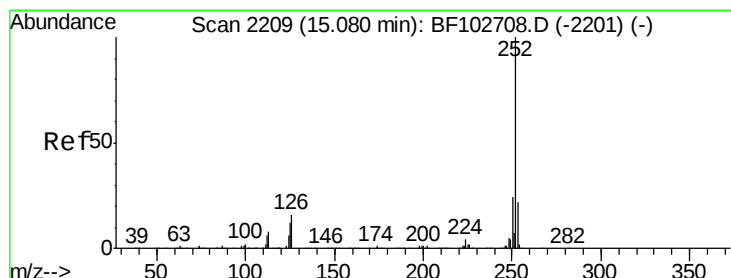
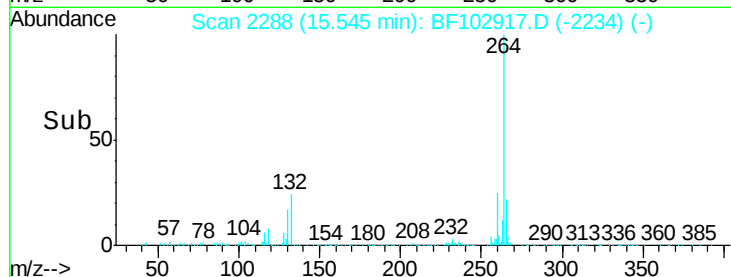
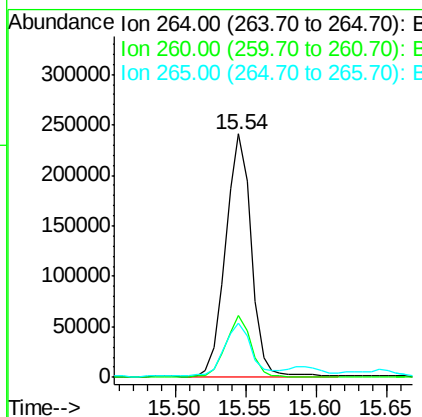
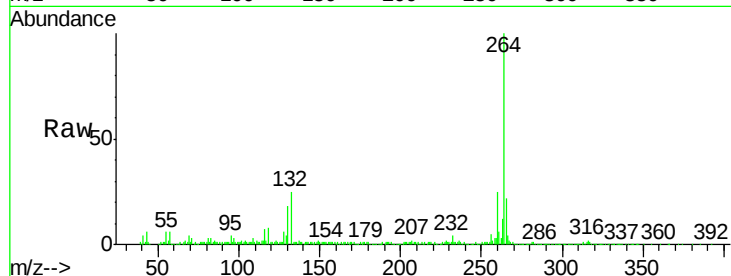




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.54 min Scan# 2288
Delta R.T. 0.02 min
Lab File: BF102917.D
Acq: 12 Feb 2018 13:45

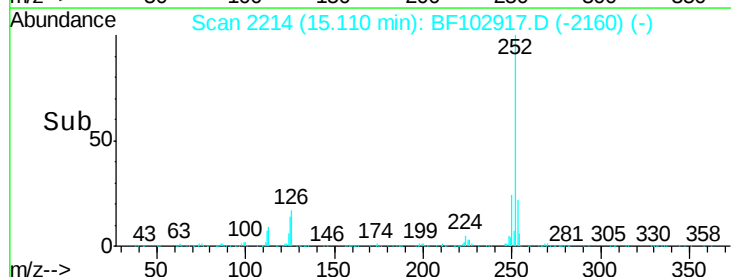
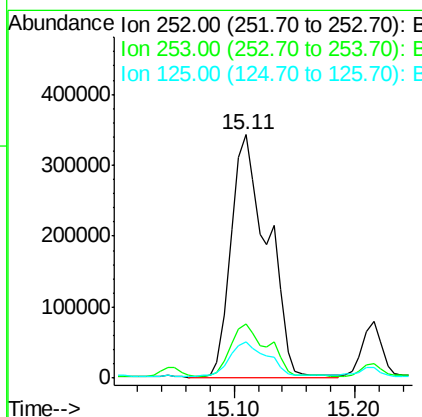
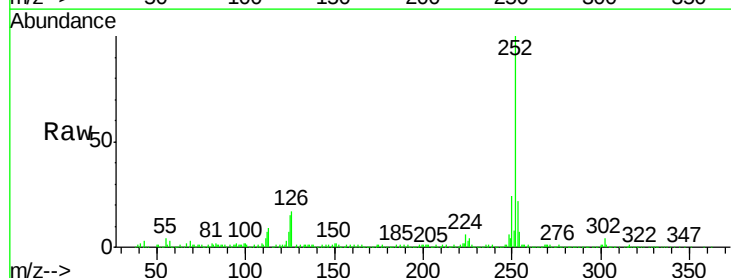
Instrument :
BNA_F
ClientSampleId :

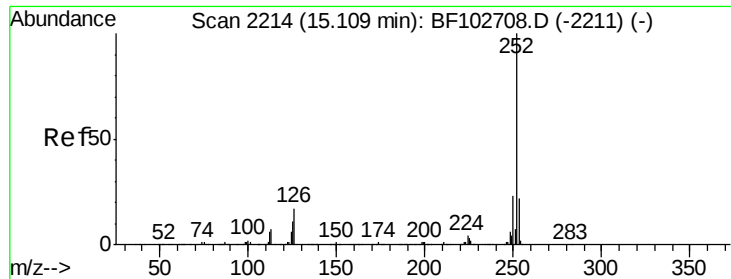
Tot Ion:264 Resp: 302320
Ion Ratio Lower Upper
264 100
260 25.5 19.2 28.8
265 22.2 17.5 26.3



#87
Benzo(b)fluoranthene
Concen: 36.62 ng
RT: 15.11 min Scan# 2214
Delta R.T. 0.02 min
Lab File: BF102917.D
Acq: 12 Feb 2018 13:45

Tgt Ion:252 Resp: 717864
Ion Ratio Lower Upper
252 100
253 22.2 17.0 25.6
125 14.9 9.0 13.6#

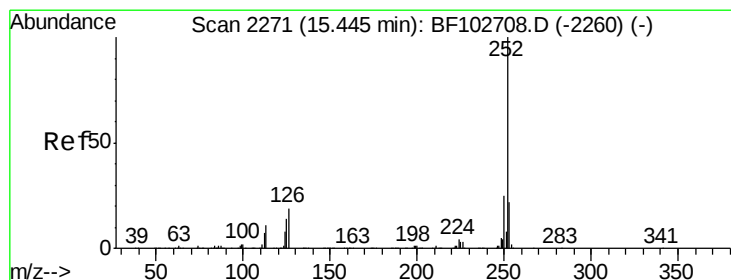
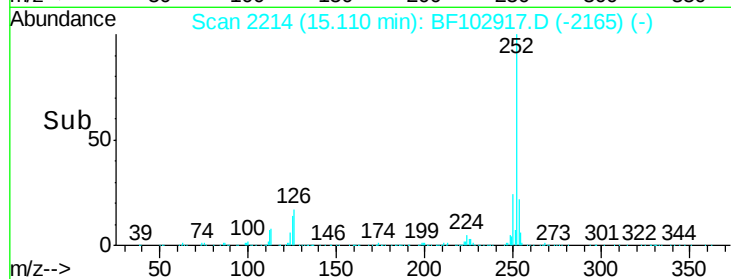
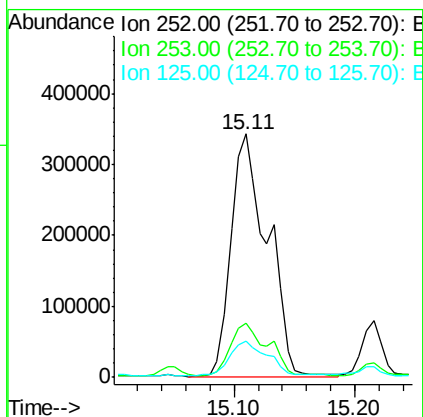
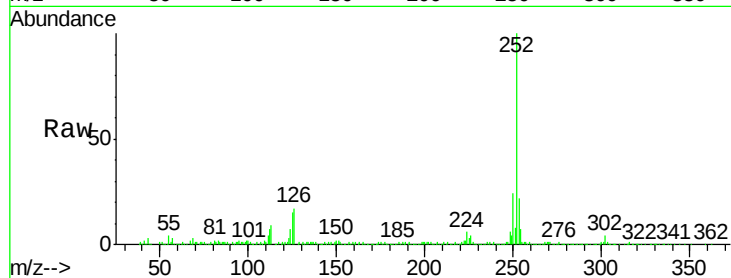




#88
Benzo(k)fluoranthene
Concen: 38.33 ng
RT: 15.11 min Scan# 2214
Delta R.T. -0.01 min
Lab File: BF102917.D
Acq: 12 Feb 2018 13:45

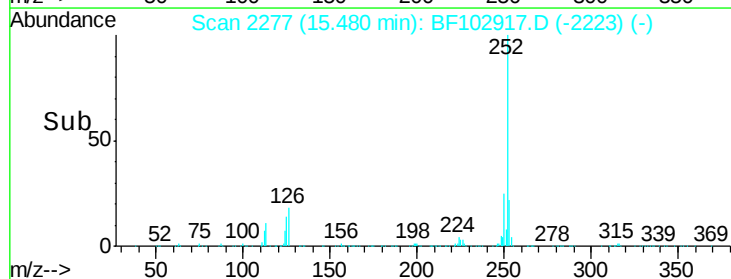
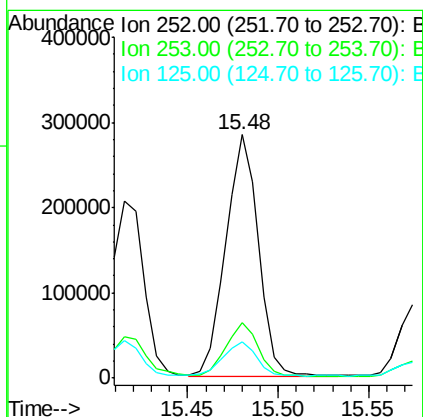
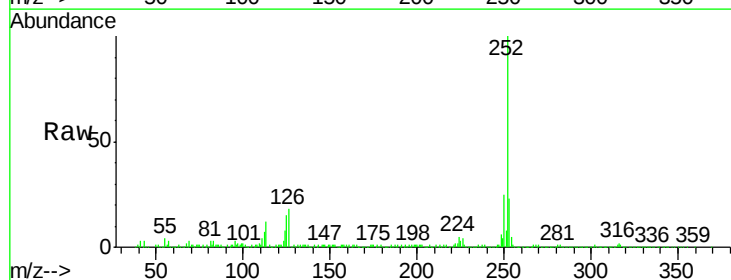
Instrument :
BNA_F
ClientSampled :

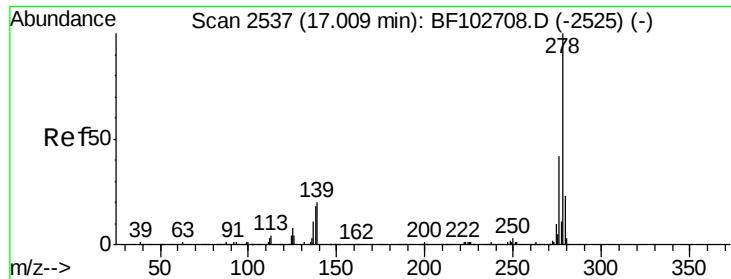
Tot Ion:252 Resp: 717864
Ion Ratio Lower Upper
252 100
253 22.2 17.9 26.9
125 14.9 10.2 15.2



#89
Benzo(a)pyrene
Concen: 20.27 ng
RT: 15.48 min Scan# 2277
Delta R.T. 0.02 min
Lab File: BF102917.D
Acq: 12 Feb 2018 13:45

Tgt Ion:252 Resp: 357649
Ion Ratio Lower Upper
252 100
253 22.6 17.1 25.7
125 15.0 9.8 14.6#

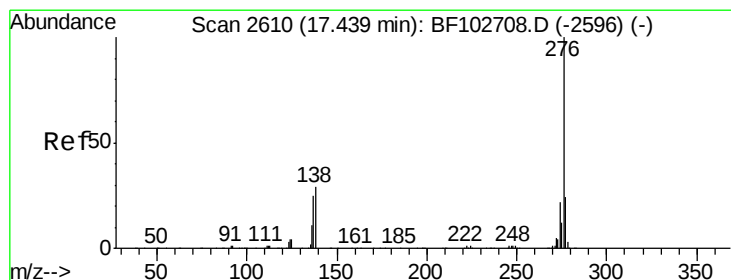
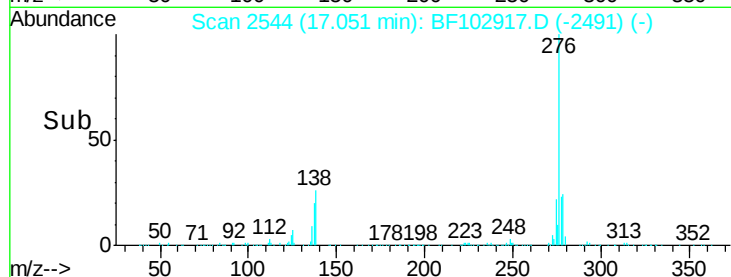
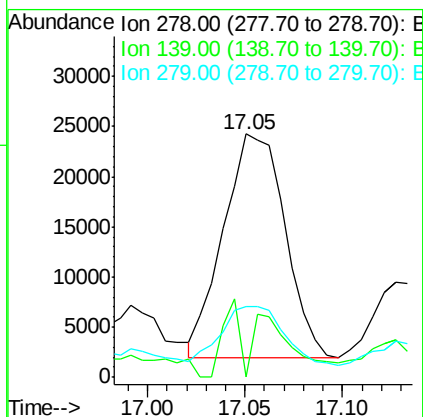
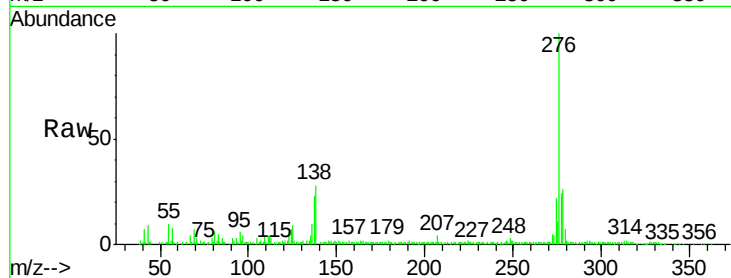




#90
Dibenzo(a,h)anthracene
Concen: 3.39 ng
RT: 17.05 min Scan# 2544
Delta R.T. 0.01 min
Lab File: BF102917.D
Acq: 12 Feb 2018 13:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 48552
Ion Ratio Lower Upper
278 100
139 0.0 15.9 23.9#
279 29.0 19.0 28.4#



#91
Benzo(g,h,i)perylene
Concen: 12.74 ng
RT: 17.51 min Scan# 2622
Delta R.T. 0.04 min
Lab File: BF102917.D
Acq: 12 Feb 2018 13:45

Tgt Ion:276 Resp: 178551
Ion Ratio Lower Upper
276 100
277 23.3 17.9 26.9
138 29.3 21.8 32.8

