

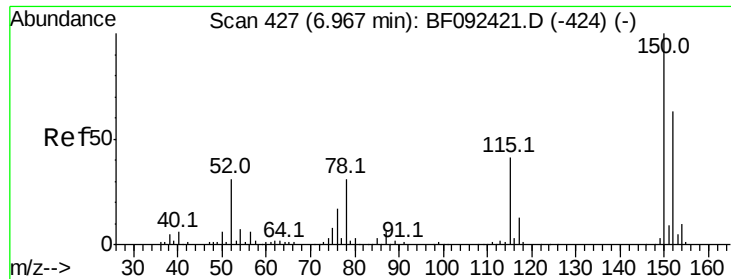
Data Path : Z:\HPCHEM1\BNA F\DATA\BF012617\
 Data File : BF092513.D
 Acq On : 26 Jan 2017 9:29
 Operator : SJ/MA
 Sample : I1312-08
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 26 13:26:48 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 24 13:48:07 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	164206	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	591887	20.00	ng	-0.01
38) Acenaphthene-d10	10.03	164	335192	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	533723	20.00	ng	-0.01
75) Chrysene-d12	14.16	240	353043	20.00	ng	-0.01
86) Perylene-d12	15.63	264	340012	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	1018539	96.51	ng	0.01
7) Phenol-d6	6.59	99	1353773	100.70	ng	0.00
23) Nitrobenzene-d5	7.53	82	869246	80.22	ng	-0.01
41) 2,4,6-Tribromophenol	10.82	330	281500	123.24	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	1144993	63.17	ng	-0.01
78) Terphenyl-d14	13.10	244	985179	74.31	ng	-0.01
Target Compounds						
10) Phenol	6.60	94	111525	6.87	ng	# 67
18) Hexachloroethane	7.50	117	21789	4.79	ng	# 1
19) n-Nitroso-di-n-propylamine	7.40	70	20193	2.21	ng	# 64
25) Isophorone	7.78	82	56847	2.66	ng	# 1
31) Naphthalene	8.28	128	178539	5.89	ng	98
32) Benzoic acid	8.05	122	5757	5.40	ng	# 33
35) Caprolactam	8.69	113	129997	45.39	ng	# 1
37) 2-Methylnaphthalene	8.98	142	193177	10.07	ng	98
49) Dimethylphthalate	9.74	163	300221	14.08	ng	# 94
53) 2,4-Dinitrophenol	10.22	184	750	3.38	ng	# 1
56) 2,4-Dinitrotoluene	10.26	165	12330	2.13	ng	# 64
64) 4,6-Dinitro-2-methylphenol	10.65	198	837	5.21	ng	# 1
66) 4-Bromophenyl-phenylether	10.82	248	20602	3.82	ng	# 1
70) Phenanthrene	11.54	178	323092	10.99	ng	96
71) Anthracene	11.58	178	106821	3.72	ng	99
74) Fluoranthene	12.73	202	456080	15.86	ng	98
77) Pyrene	12.96	202	439519	17.18	ng	99
80) Benzo(a)anthracene	14.15	228	198335	10.45	ng	95
82) Chrysene	14.15	228	198335	9.79	ng	99
83) Bis(2-ethylhexyl)phthalate	14.13	149	66599	5.10	ng	99
85) Indeno(1,2,3-cd)pyrene	17.11	276	105322	7.03	ng	96
87) Benzo(b)fluoranthene	15.20	252	289143	13.25	ng	# 96
88) Benzo(k)fluoranthene	15.20	252	289143	15.93	ng	# 96
89) Benzo(a)pyrene	15.56	252	170393	9.23	ng	# 97
91) Benzo(g,h,i)perylene	17.55	276	102299	6.77	ng	# 91

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

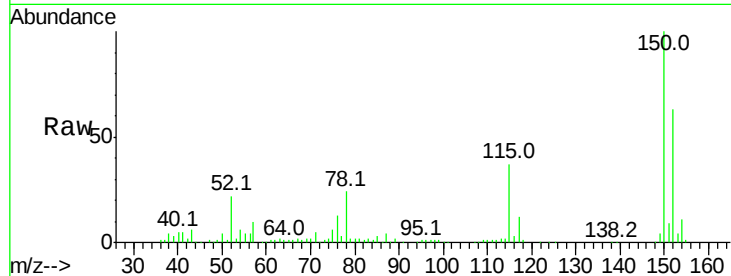


#1

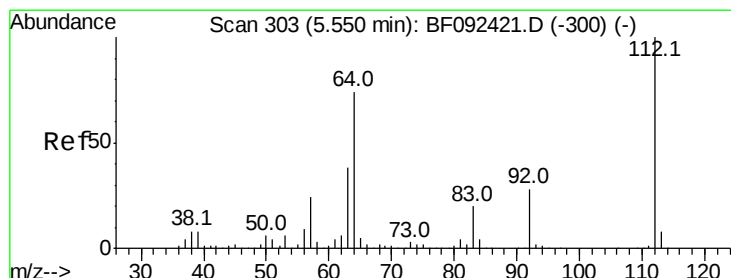
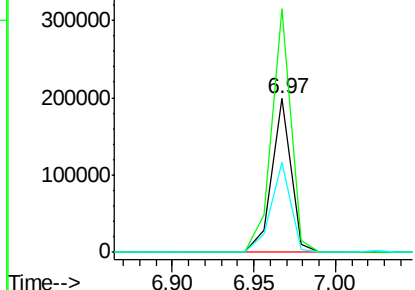
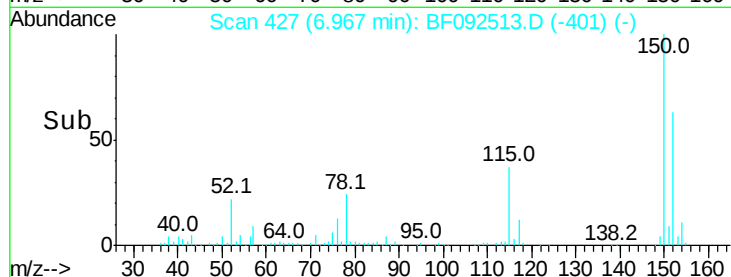
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.97 min Scan# 427
Delta R.T. -0.00 min
Lab File: BF092513.D
Acq: 26 Jan 2017 9:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 164206
Ion Ratio Lower Upper
152 100
150 158.2 124.9 187.3
115 58.6 46.0 69.0



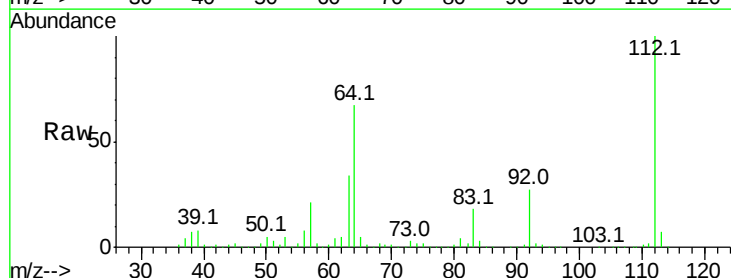
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



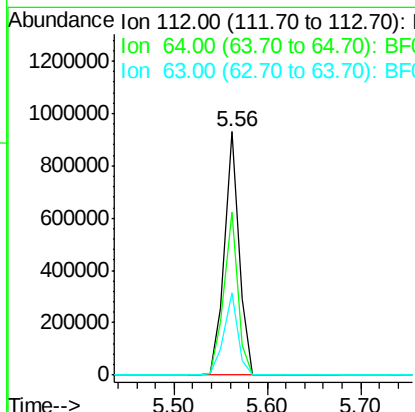
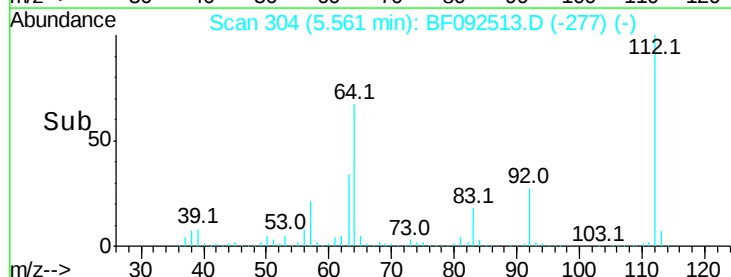
#5

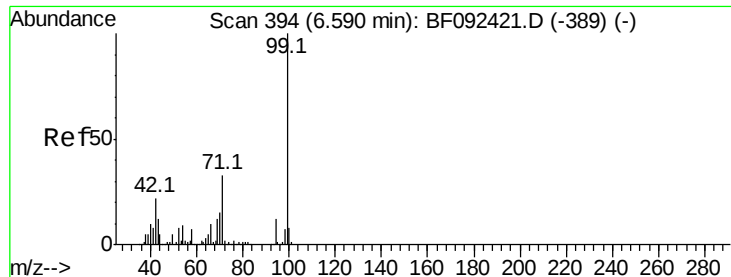
2-Fluorophenol
Concen: 96.51 ng
RT: 5.56 min Scan# 304
Delta R.T. 0.01 min
Lab File: BF092513.D
Acq: 26 Jan 2017 9:29

Tgt Ion:112 Resp: 1018539
Ion Ratio Lower Upper
112 100
64 67.0 46.1 69.1
63 33.9 23.8 35.6



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 100.70 ng

RT: 6.59 min Scan# 394

Delta R.T. -0.00 min

Lab File: BF092513.D

Acq: 26 Jan 2017 9:29

Instrument :

BNA_F

ClientSampleId :

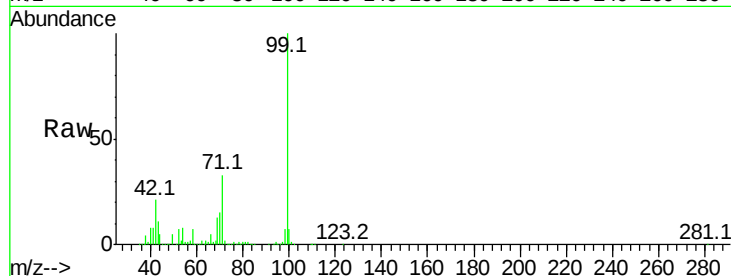
Tot Ion: 99 Resp: 1353773

Ion Ratio Lower Upper

99 100

42 20.5 15.6 23.4

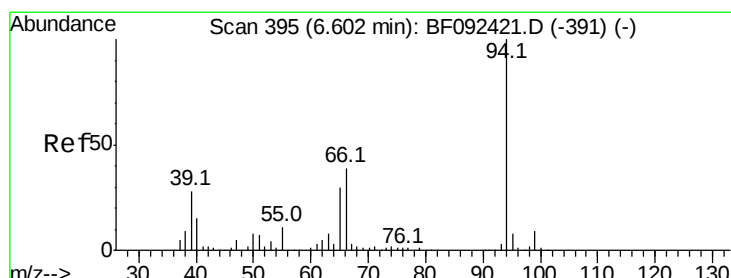
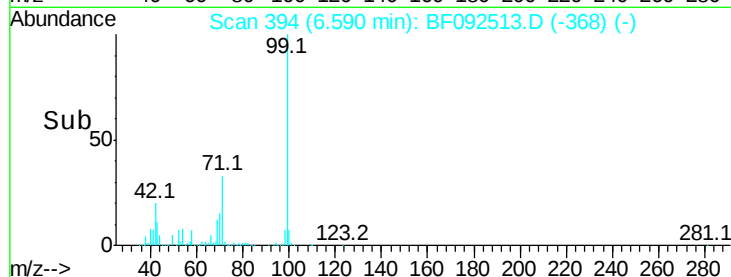
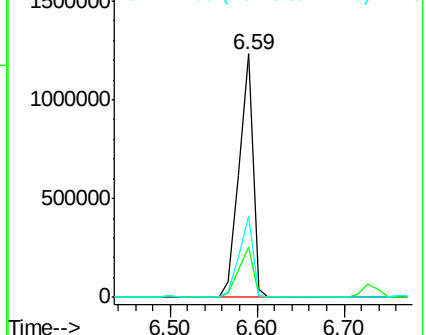
71 33.4 27.5 41.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 6.87 ng

RT: 6.60 min Scan# 395

Delta R.T. -0.00 min

Lab File: BF092513.D

Acq: 26 Jan 2017 9:29

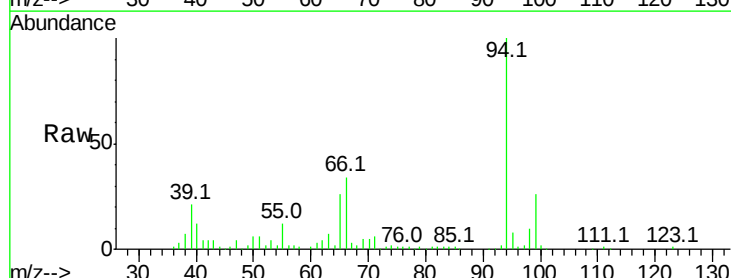
Tgt Ion: 94 Resp: 111525

Ion Ratio Lower Upper

94 100

65 25.9 21.4 61.4

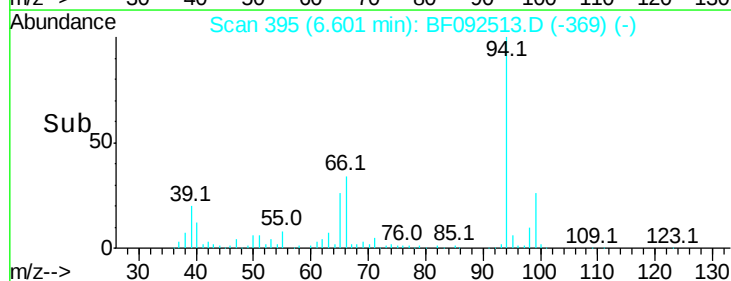
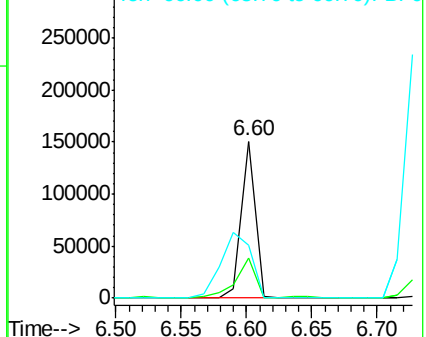
66 33.7 44.0 84.0#

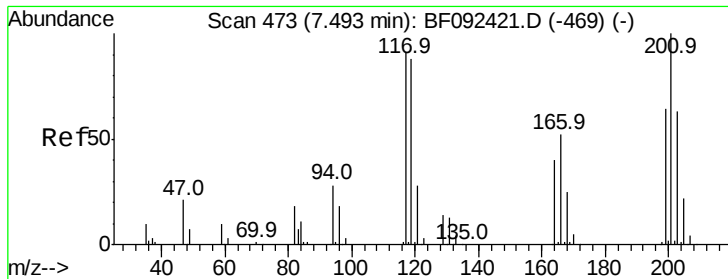


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

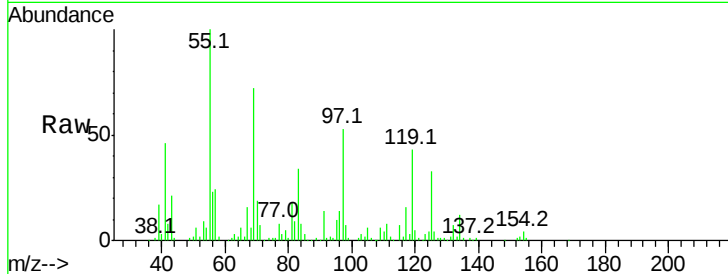




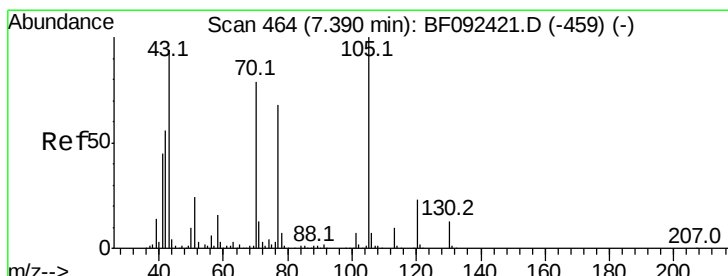
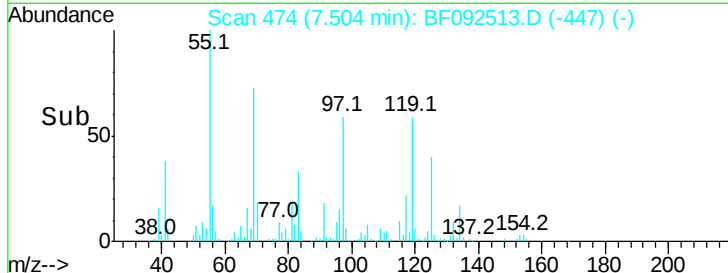
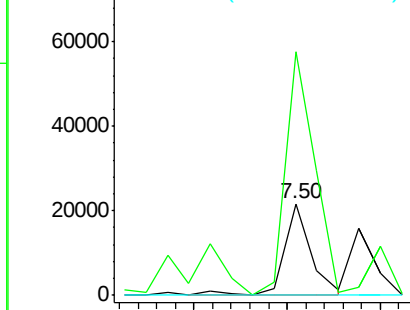
#18
Hexachloroethane
Concen: 4.79 ng
RT: 7.50 min Scan# 474
Delta R.T. 0.01 min
Lab File: BF092513.D
Acq: 26 Jan 2017 9:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:117 Resp: 21789
Ion Ratio Lower Upper
117 100
119 266.0 78.1 117.1#
201 0.0 78.6 117.8#

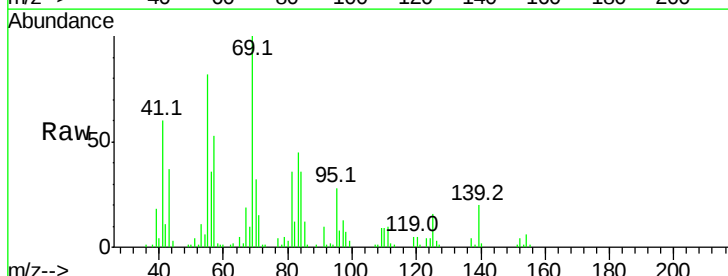


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

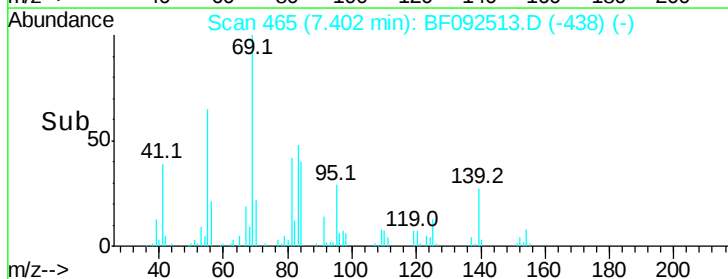
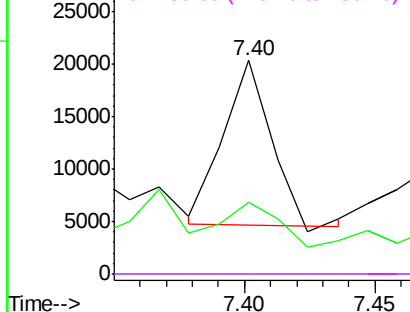


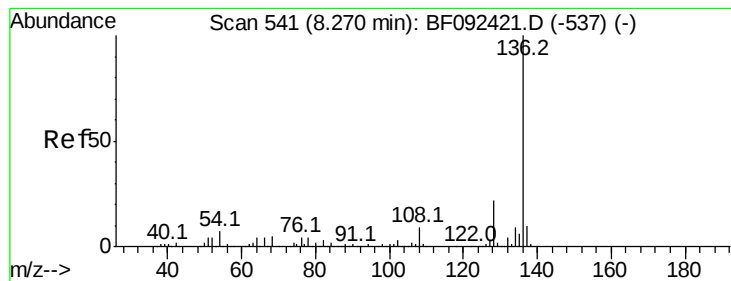
#19
n-Nitroso-di-n-propylamine
Concen: 2.21 ng
RT: 7.40 min Scan# 465
Delta R.T. 0.01 min
Lab File: BF092513.D
Acq: 26 Jan 2017 9:29

Tgt Ion: 70 Resp: 20193
Ion Ratio Lower Upper
70 100
42 33.5 49.4 74.0#
101 0.0 7.4 11.2#
130 0.0 14.2 21.4#



Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.26 min Scan# 540

Delta R.T. -0.01 min

Lab File: BF092513.D

Acq: 26 Jan 2017 9:29

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 591887

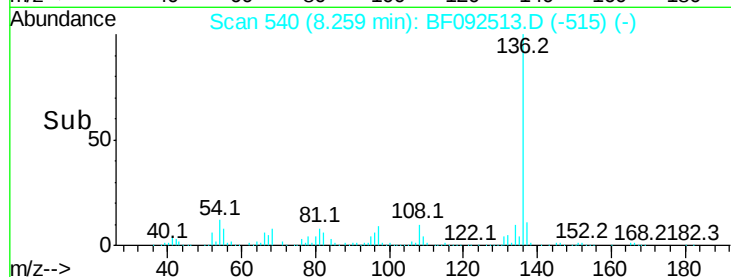
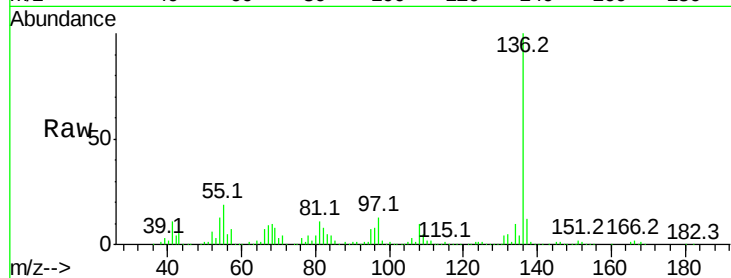
Ion Ratio Lower Upper

136 100

137 11.7 8.4 12.6

54 12.8 4.5 6.7#

68 9.6 3.6 5.4#

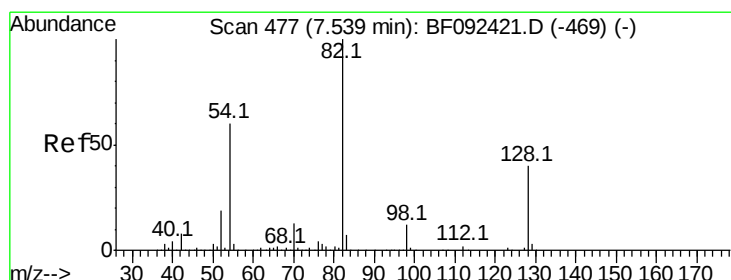
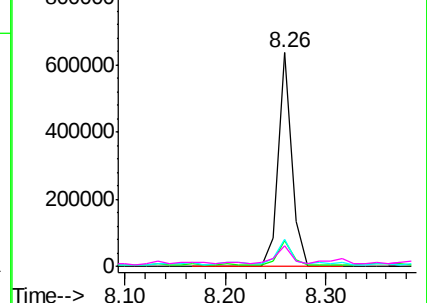


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 80.22 ng

RT: 7.53 min Scan# 476

Delta R.T. -0.01 min

Lab File: BF092513.D

Acq: 26 Jan 2017 9:29

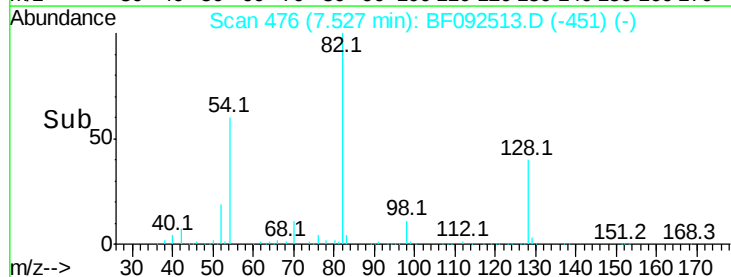
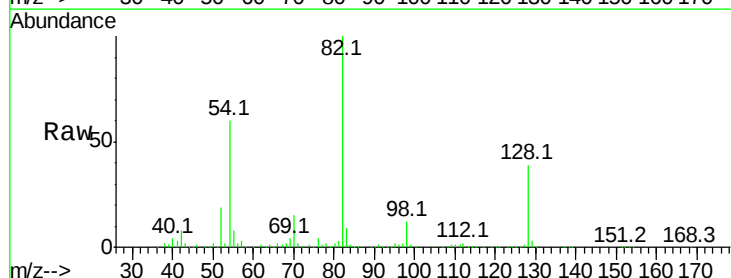
Tgt Ion: 82 Resp: 869246

Ion Ratio Lower Upper

82 100

128 39.2 34.6 52.0

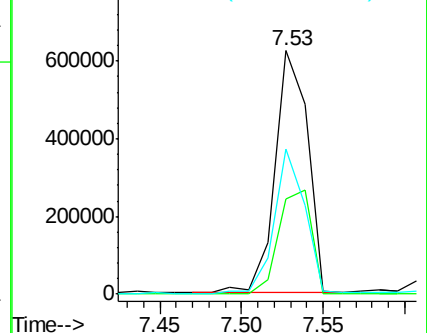
54 59.7 39.5 59.3#

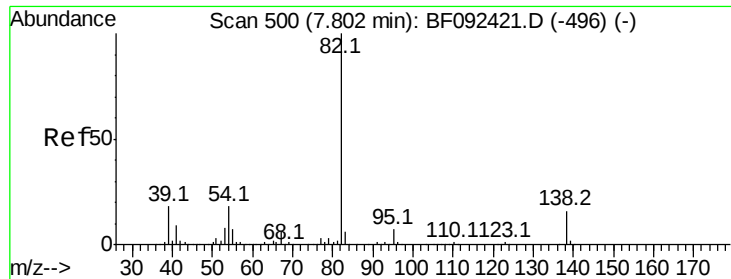


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

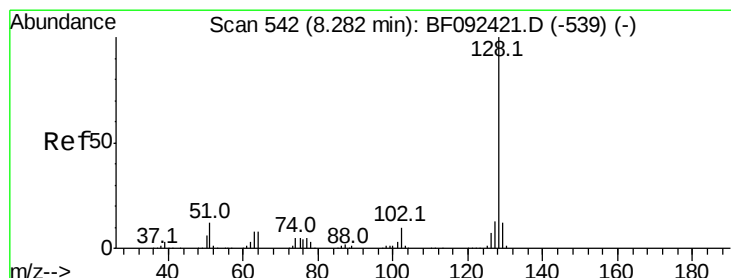
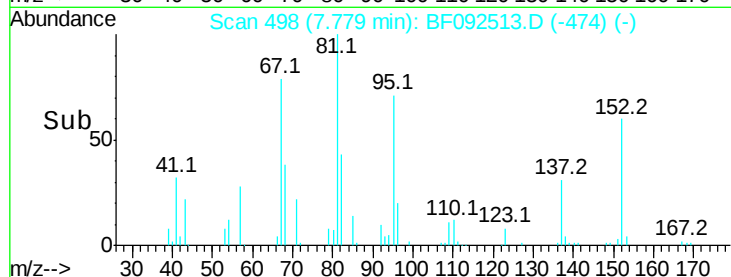
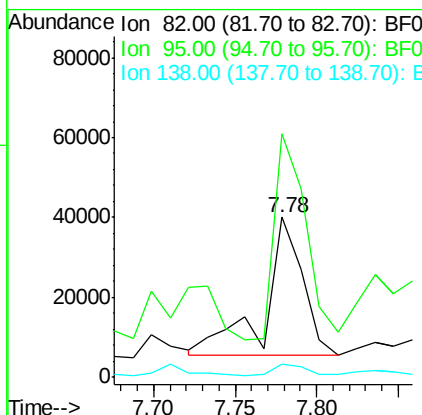
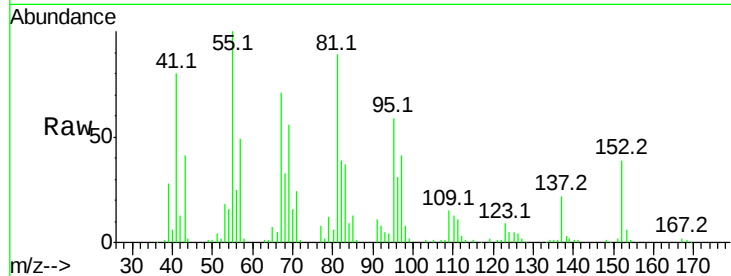




#25
Isophorone
Concen: 2.66 ng
RT: 7.78 min Scan# 498
Delta R.T. -0.02 min
Lab File: BF092513.D
Acq: 26 Jan 2017 9:29

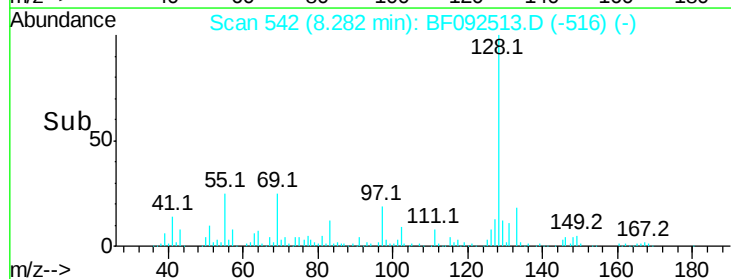
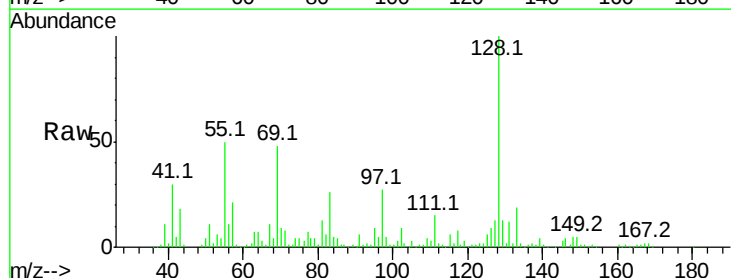
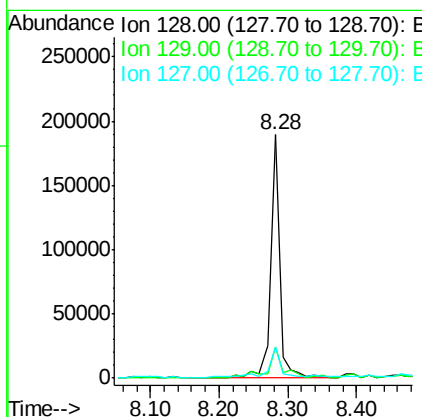
Instrument :
BNA_F
ClientSampleId :

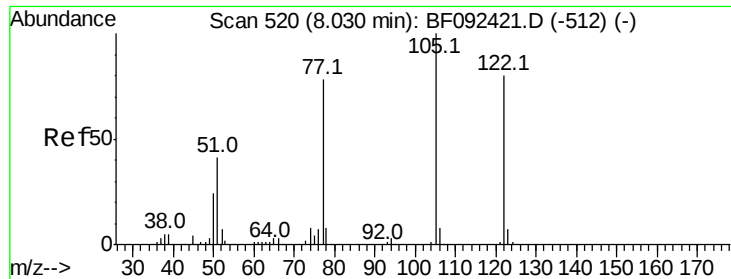
Tot Ion: 82 Resp: 56847
Ion Ratio Lower Upper
82 100
95 152.3 5.6 8.4#
138 8.3 14.6 22.0#



#31
Naphthalene
Concen: 5.89 ng
RT: 8.28 min Scan# 542
Delta R.T. -0.00 min
Lab File: BF092513.D
Acq: 26 Jan 2017 9:29

Tgt Ion:128 Resp: 178539
Ion Ratio Lower Upper
128 100
129 12.6 9.5 14.3
127 12.9 10.8 16.2





#32

Benzoic acid

Concen: 5.40 ng

RT: 8.05 min Scan# 522

Delta R.T. 0.02 min

Lab File: BF092513.D

Acq: 26 Jan 2017 9:29

Instrument :

BNA_F

ClientSampleId :

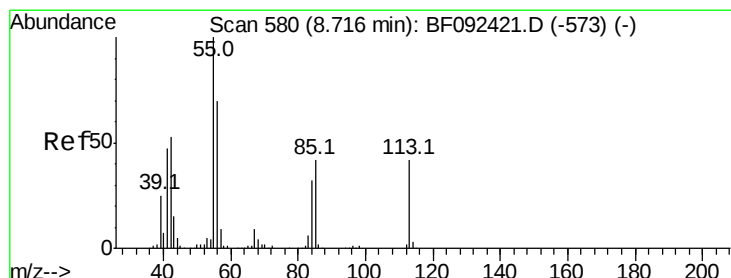
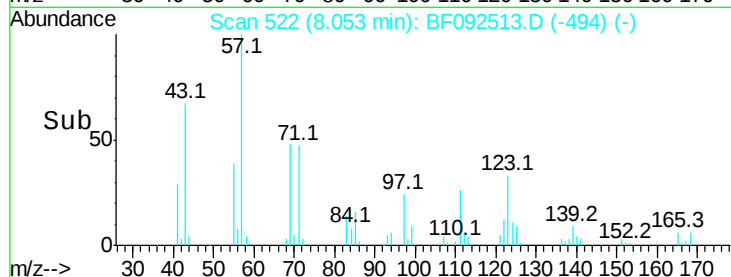
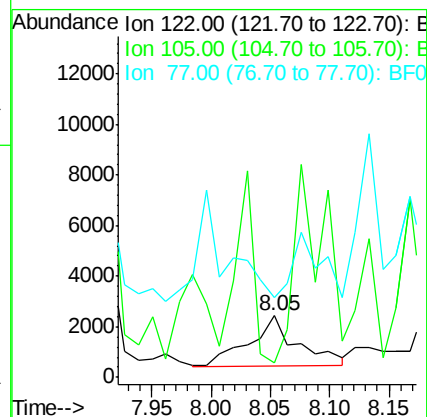
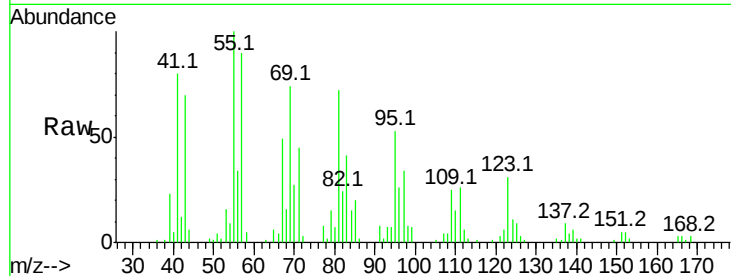
Tot Ion:122 Resp: 5757

Ion Ratio Lower Upper

122 100

105 23.8 107.2 147.2#

77 129.4 74.5 114.5#



#35

Caprolactam

Concen: 45.39 ng

RT: 8.69 min Scan# 578

Delta R.T. -0.02 min

Lab File: BF092513.D

Acq: 26 Jan 2017 9:29

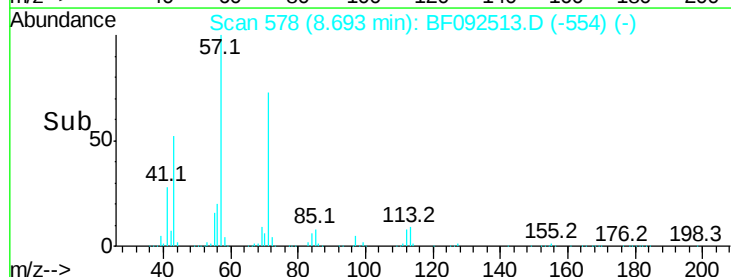
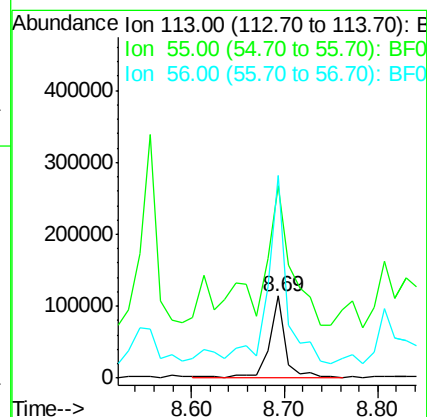
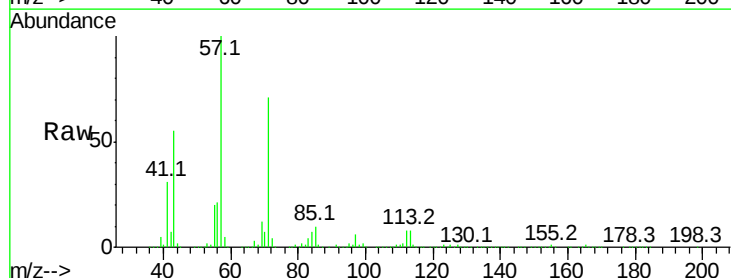
Tgt Ion:113 Resp: 129997

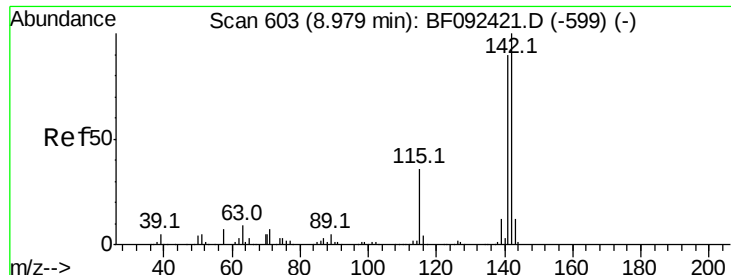
Ion Ratio Lower Upper

113 100

55 233.9 119.2 159.2#

56 247.3 83.8 123.8#

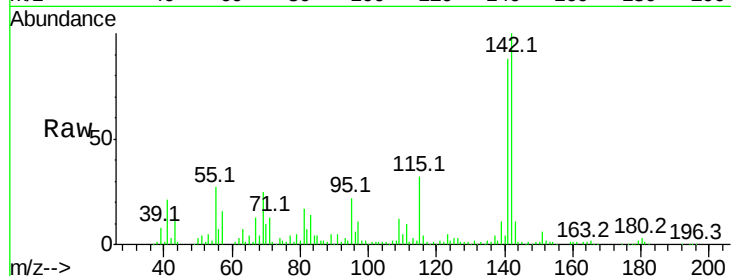




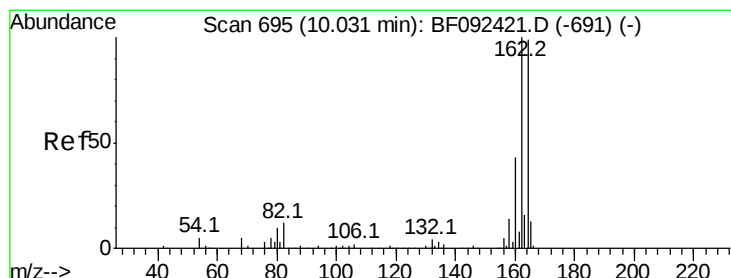
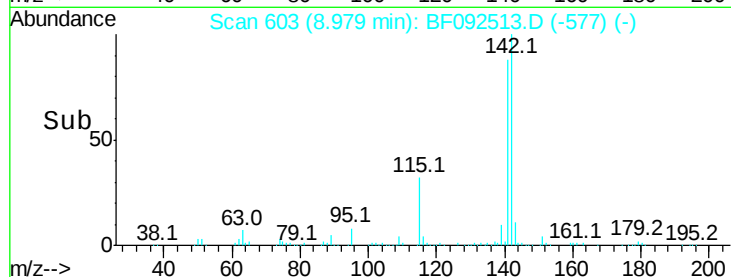
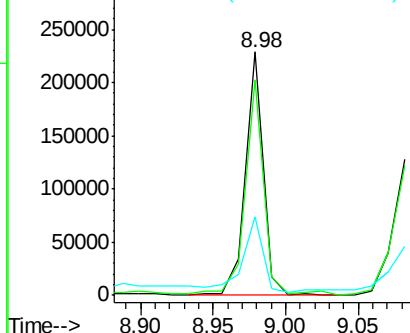
#37
2-Methylnaphthalene
Concen: 10.07 ng
RT: 8.98 min Scan# 603
Delta R.T. -0.00 min
Lab File: BF092513.D
Acq: 26 Jan 2017 9:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 193177
Ion Ratio Lower Upper
142 100
141 88.5 71.0 106.6
115 32.2 28.3 42.5

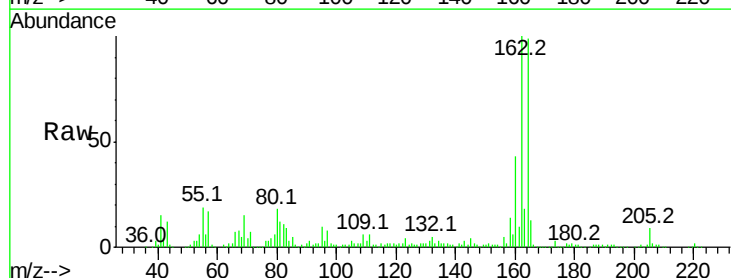


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

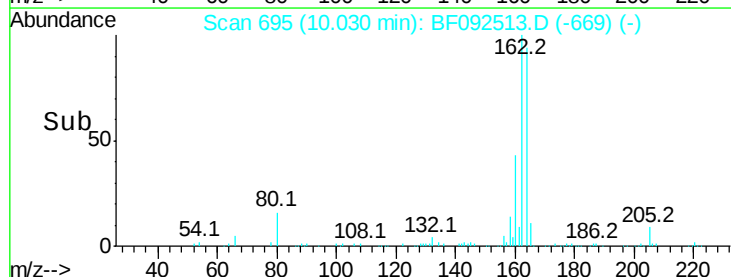
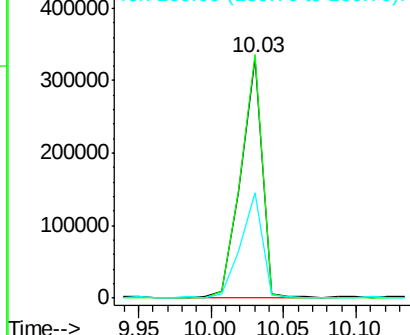


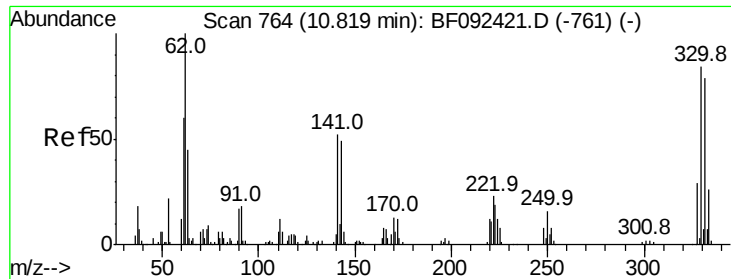
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.03 min Scan# 695
Delta R.T. -0.00 min
Lab File: BF092513.D
Acq: 26 Jan 2017 9:29

Tgt Ion:164 Resp: 335192
Ion Ratio Lower Upper
164 100
162 101.4 80.2 120.2
160 43.6 36.9 55.3



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: 123.24 ng

RT: 10.82 min Scan# 764

Delta R.T. -0.00 min

Lab File: BF092513.D

Acq: 26 Jan 2017 9:29

Instrument :

BNA_F

ClientSampleId :

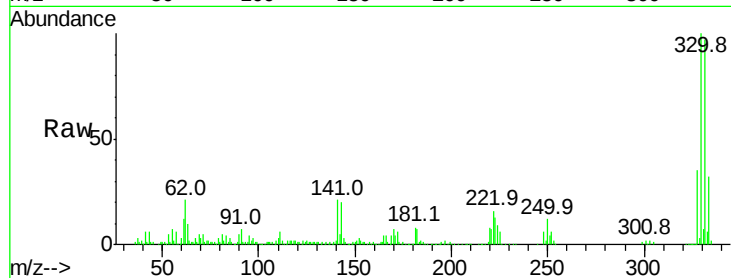
Tot Ion:330 Resp: 281500

Ion Ratio Lower Upper

330 100

332 96.8 77.4 116.2

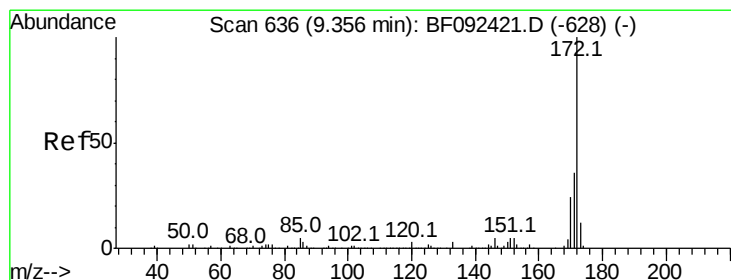
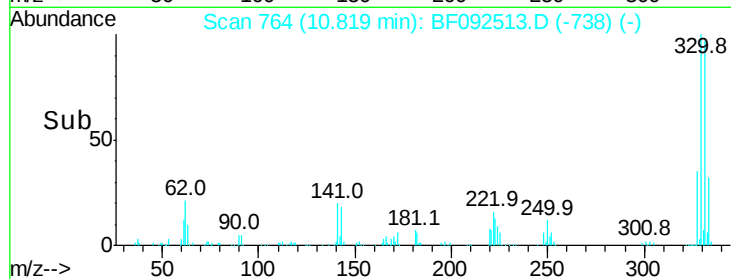
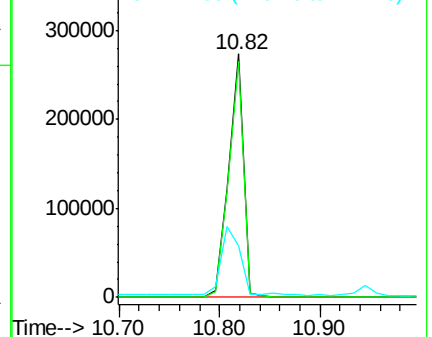
141 37.9 34.1 51.1



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: 63.17 ng

RT: 9.34 min Scan# 635

Delta R.T. -0.01 min

Lab File: BF092513.D

Acq: 26 Jan 2017 9:29

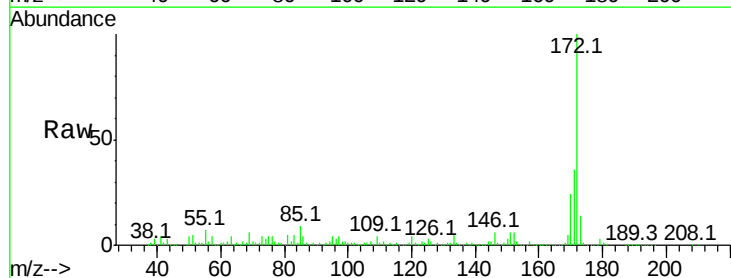
Tgt Ion:172 Resp: 1144993

Ion Ratio Lower Upper

172 100

171 36.3 29.4 44.0

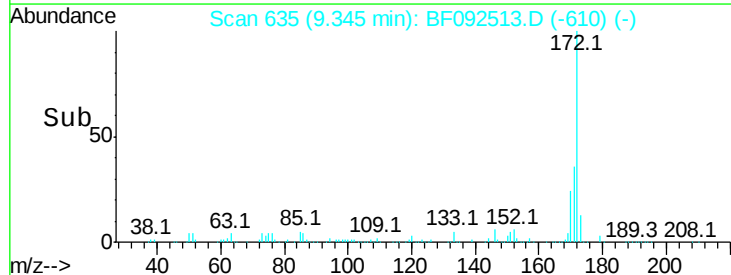
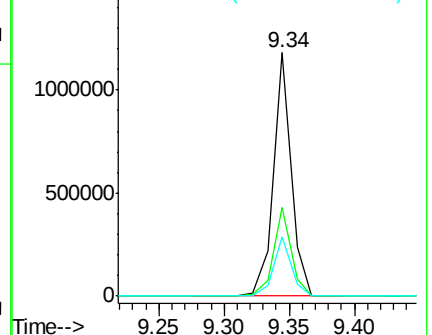
170 24.2 20.2 30.4

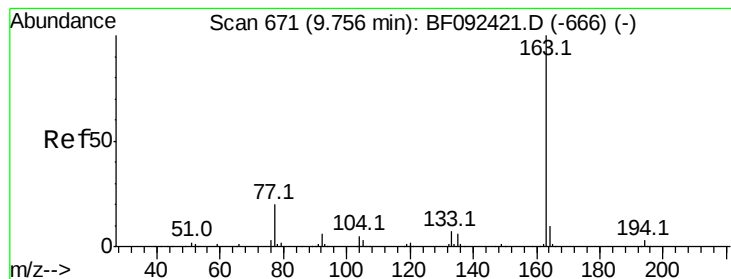


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 14.08 ng

RT: 9.74 min Scan# 670

Delta R.T. -0.01 min

Lab File: BF092513.D

Acq: 26 Jan 2017 9:29

Instrument :

BNA_F

ClientSampleId :

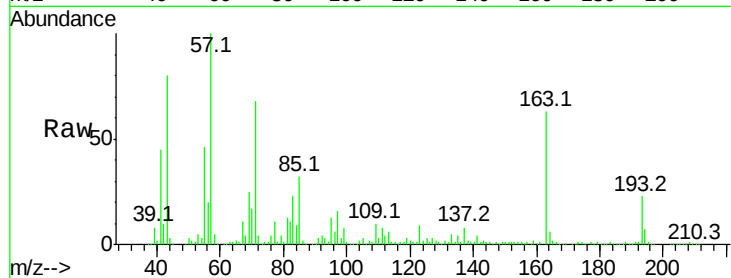
Tot Ion:163 Resp: 300221

Ion Ratio Lower Upper

163 100

194 10.5 3.0 4.4#

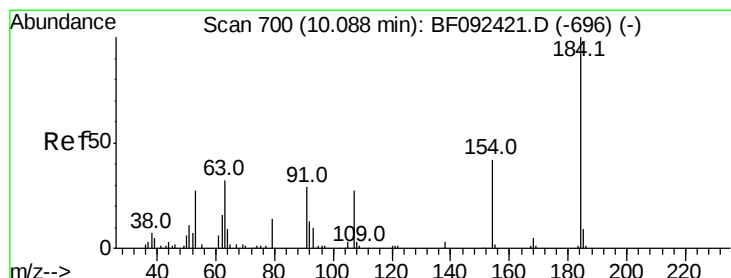
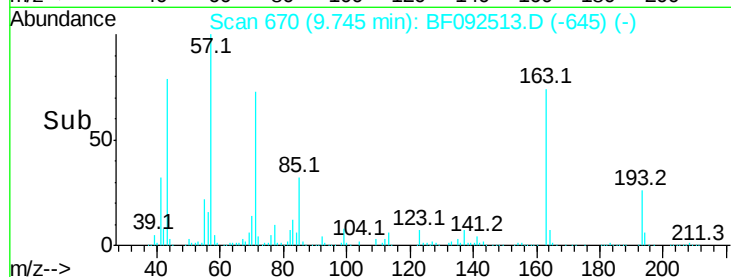
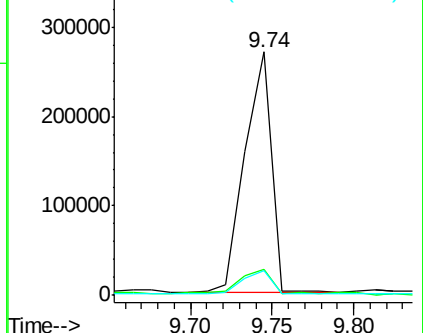
164 10.1 8.0 12.0



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



#53

2,4-Dinitrophenol

Concen: 3.38 ng

RT: 10.22 min Scan# 712

Delta R.T. 0.14 min

Lab File: BF092513.D

Acq: 26 Jan 2017 9:29

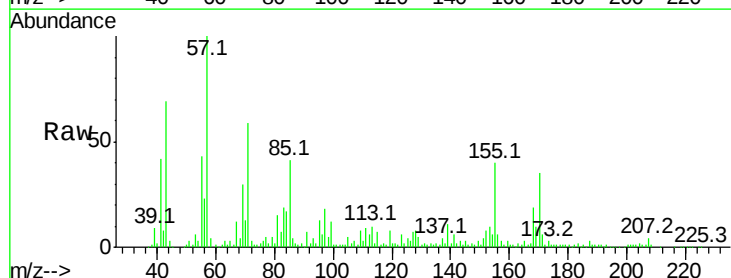
Tgt Ion:184 Resp: 750

Ion Ratio Lower Upper

184 100

63 872.2 28.4 42.6#

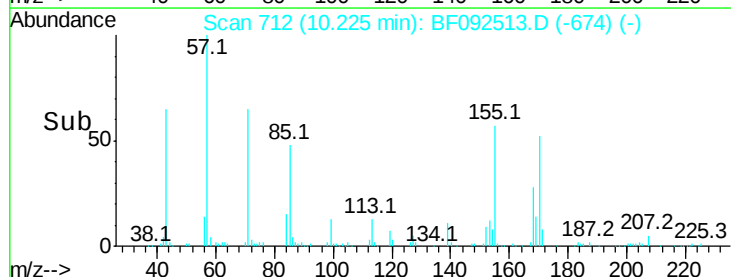
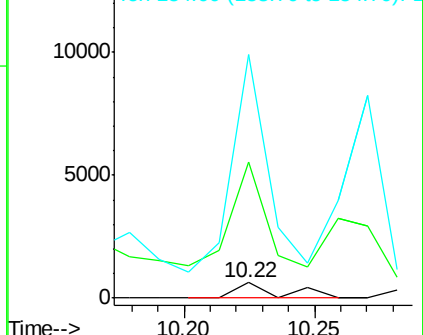
154 1562.9 44.3 66.5#

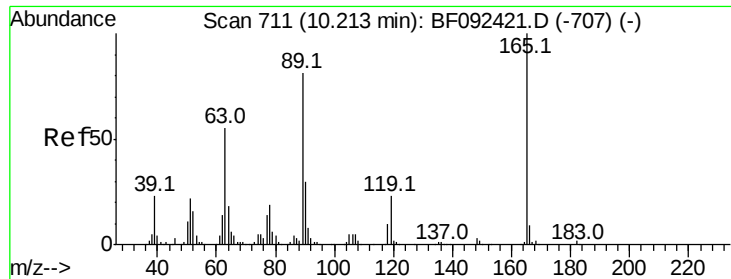


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E

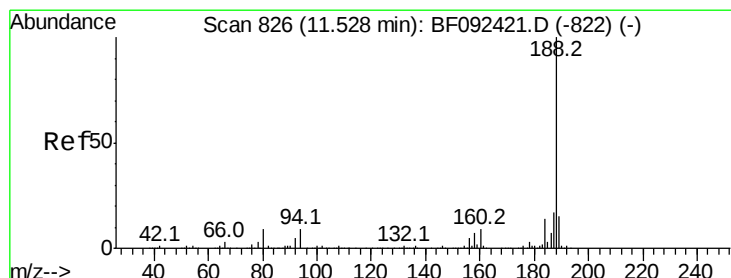
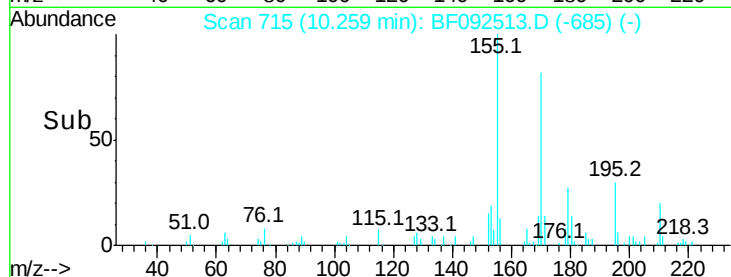
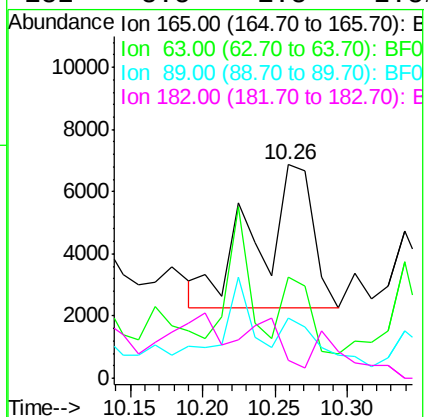
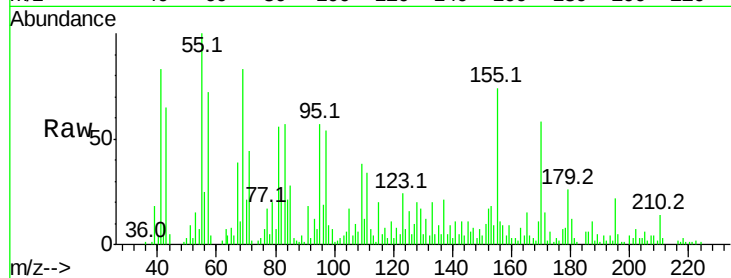




#56
2,4-Dinitrotoluene
Concen: 2.13 ng
RT: 10.26 min Scan# 715
Delta R.T. 0.05 min
Lab File: BF092513.D
Acq: 26 Jan 2017 9:29

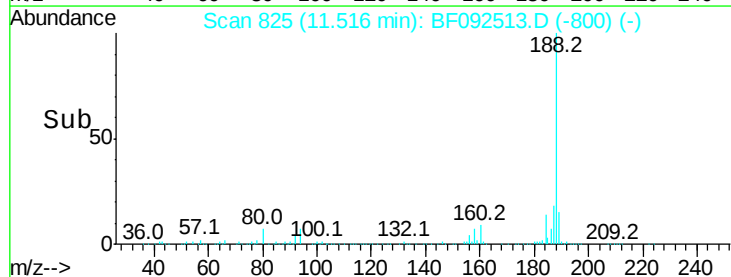
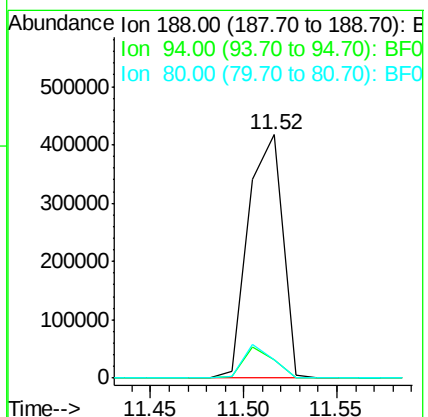
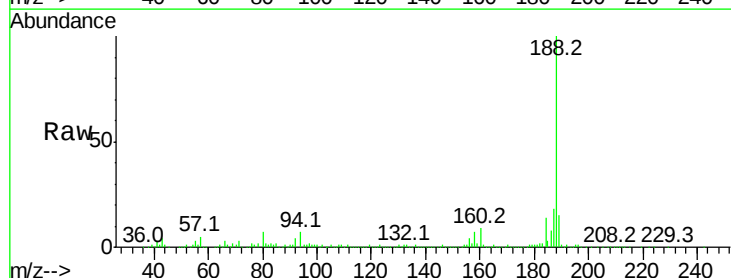
Instrument :
BNA_F
ClientSampleId :

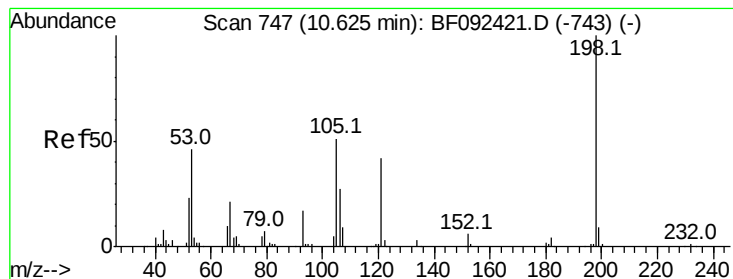
Tot Ion:165 Resp: 12330
Ion Ratio Lower Upper
165 100
63 47.2 40.2 60.4
89 28.1 62.5 93.7#
182 8.5 1.8 2.8#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.52 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF092513.D
Acq: 26 Jan 2017 9:29

Tgt Ion:188 Resp: 533723
Ion Ratio Lower Upper
188 100
94 7.4 10.0 15.0#
80 7.4 11.2 16.8#





#64

4,6-Dinitro-2-methylphenol

Concen: 5.21 ng

RT: 10.65 min Scan# 749

Delta R.T. 0.02 min

Lab File: BF092513.D

Acq: 26 Jan 2017 9:29

Instrument :

BNA_F

ClientSampled :

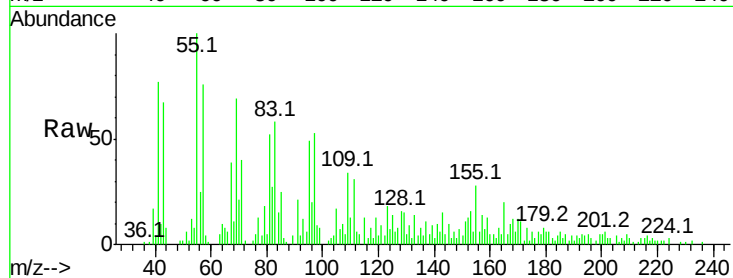
Tot Ion:198 Resp: 837

Ion Ratio Lower Upper

198 100

51 339.7 6.7 46.7#

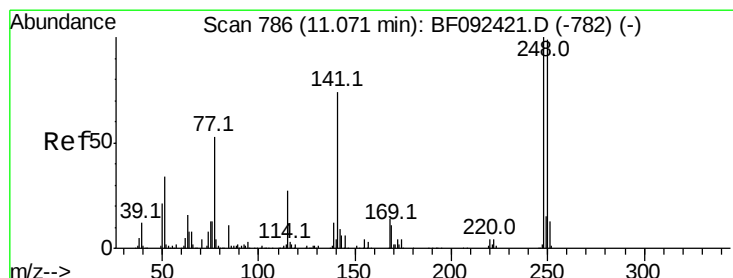
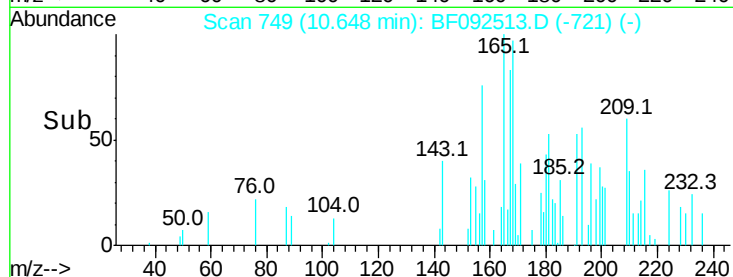
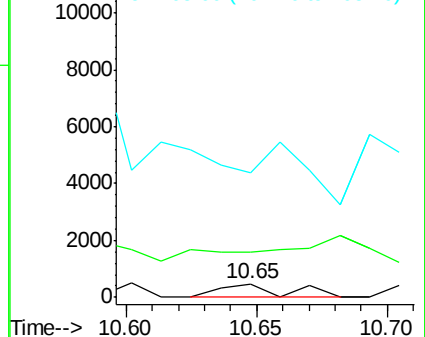
105 947.2 16.6 56.6#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#66

4-Bromophenyl-phenylether

Concen: 3.82 ng

RT: 10.82 min Scan# 764

Delta R.T. -0.25 min

Lab File: BF092513.D

Acq: 26 Jan 2017 9:29

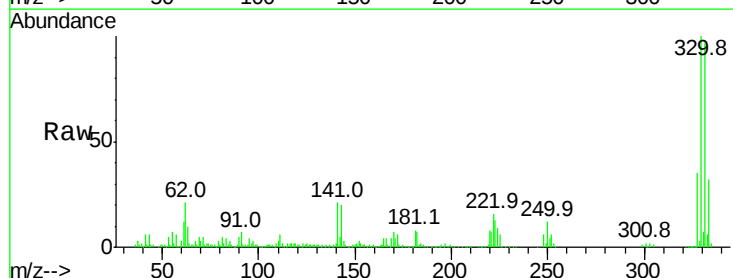
Tgt Ion:248 Resp: 20602

Ion Ratio Lower Upper

248 100

250 201.9 76.9 115.3#

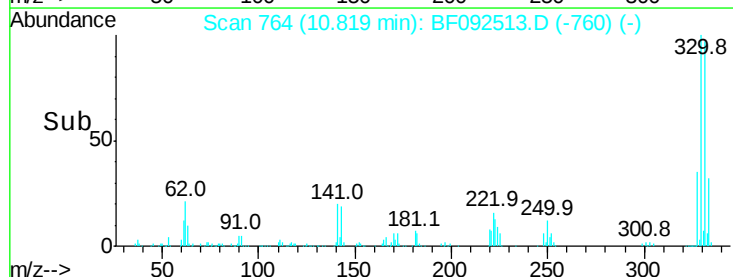
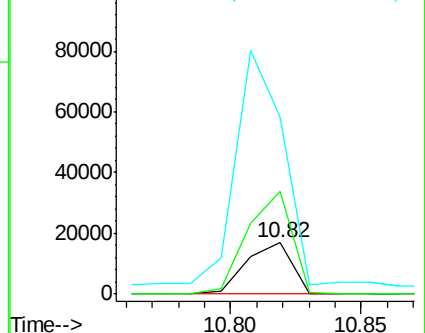
141 347.9 68.2 102.4#

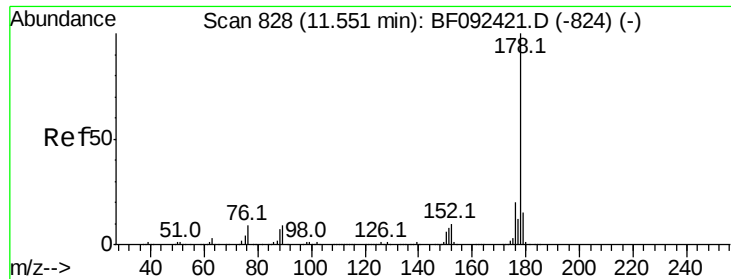


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

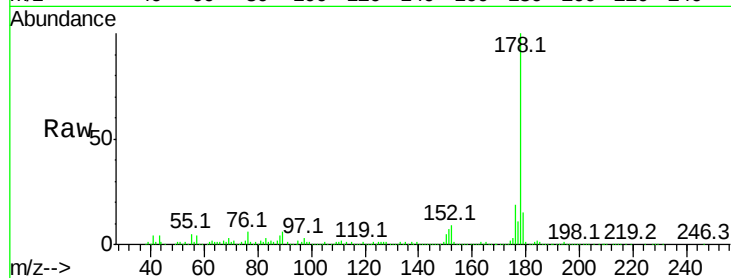




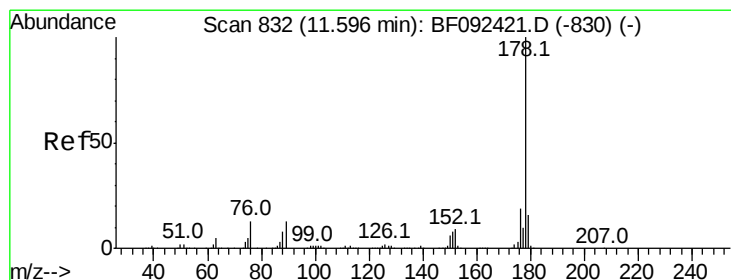
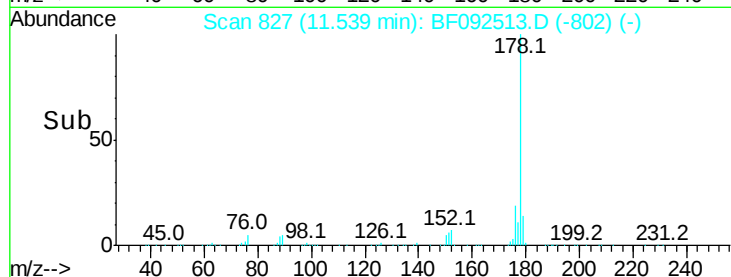
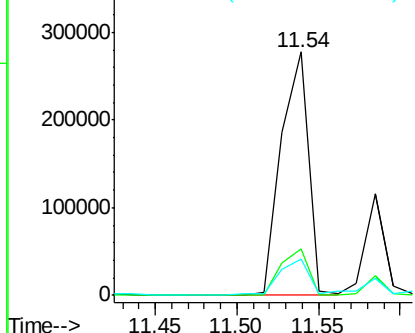
#70
Phenanthrene
Concen: 10.99 ng
RT: 11.54 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF092513.D
Acq: 26 Jan 2017 9:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 323092
Ion Ratio Lower Upper
178 100
176 18.9 16.6 25.0
179 14.7 12.8 19.2

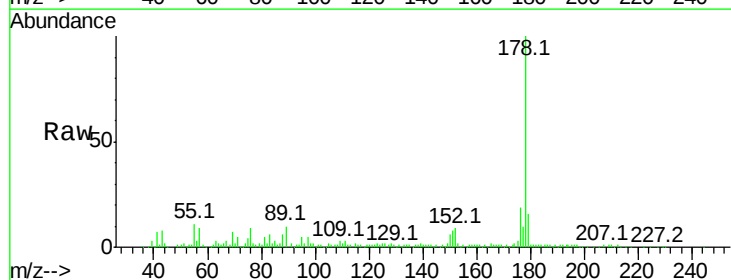


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

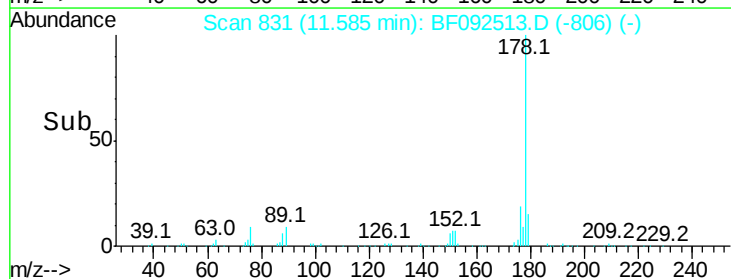
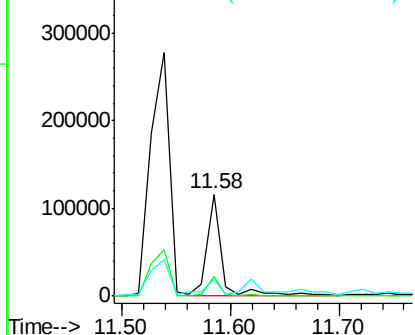


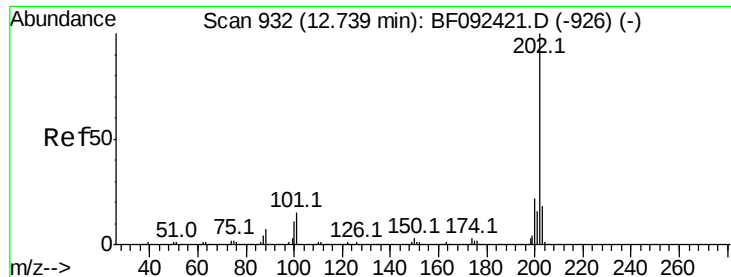
#71
Anthracene
Concen: 3.72 ng
RT: 11.58 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF092513.D
Acq: 26 Jan 2017 9:29

Tgt Ion:178 Resp: 106821
Ion Ratio Lower Upper
178 100
176 19.2 15.9 23.9
179 16.4 13.2 19.8



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





#74

Fluoranthene

Concen: 15.86 ng

RT: 12.73 min Scan# 931

Delta R.T. -0.01 min

Lab File: BF092513.D

Acq: 26 Jan 2017 9:29

Instrument :

BNA_F

ClientSampleId :

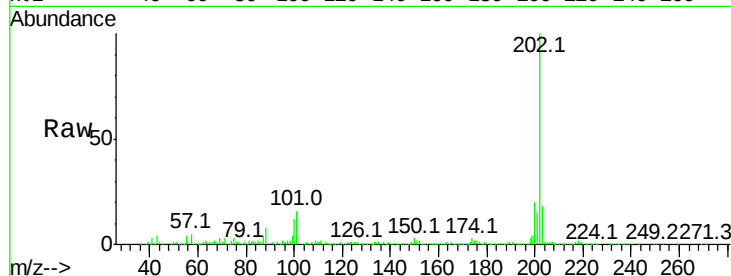
Tot Ion:202 Resp: 456080

Ion Ratio Lower Upper

202 100

101 15.9 0.0 34.6

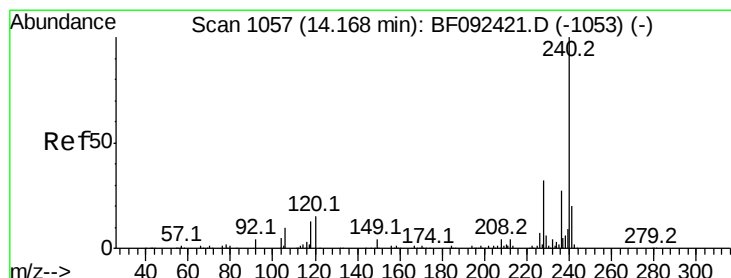
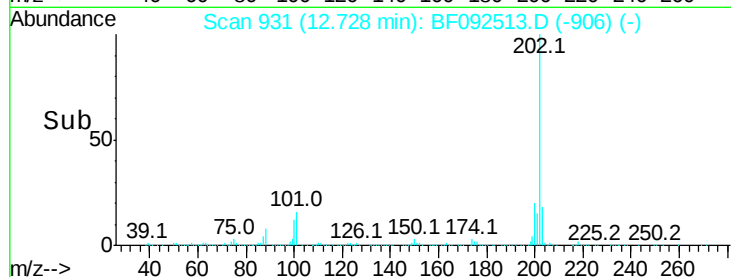
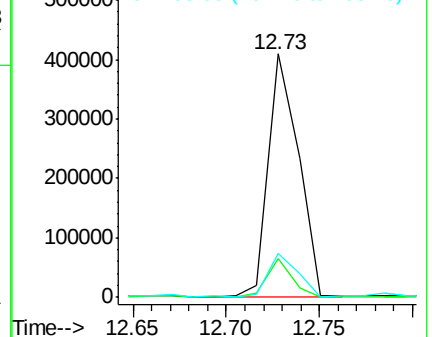
203 17.9 0.0 38.7



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.16 min Scan# 1056

Delta R.T. -0.01 min

Lab File: BF092513.D

Acq: 26 Jan 2017 9:29

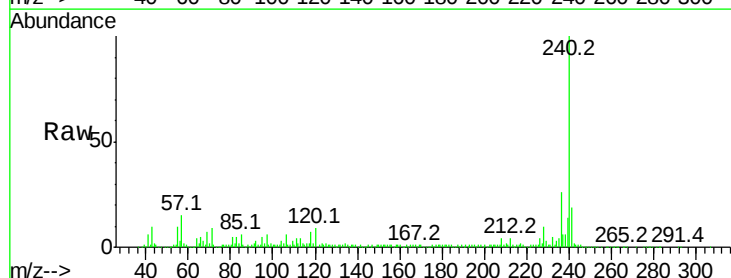
Tgt Ion:240 Resp: 353043

Ion Ratio Lower Upper

240 100

120 8.5 12.9 19.3#

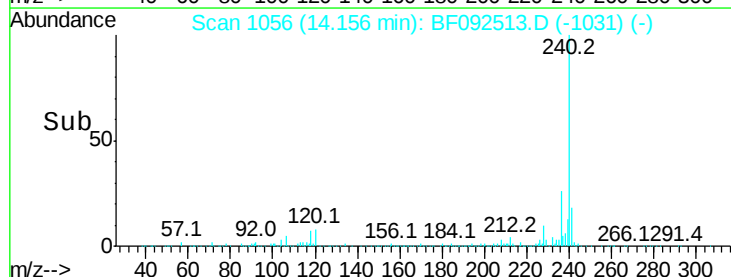
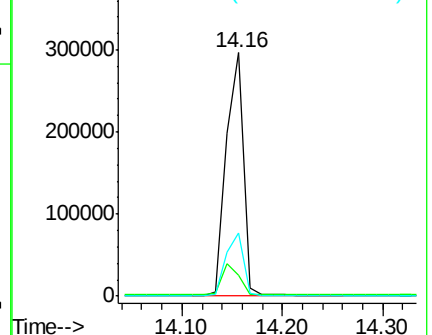
236 25.8 20.9 31.3

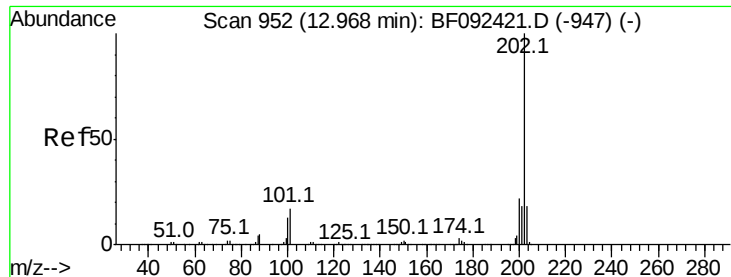


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 17.18 ng

RT: 12.96 min Scan# 951

Delta R.T. -0.01 min

Lab File: BF092513.D

Acq: 26 Jan 2017 9:29

Instrument :
BNA_F
ClientSampleId :

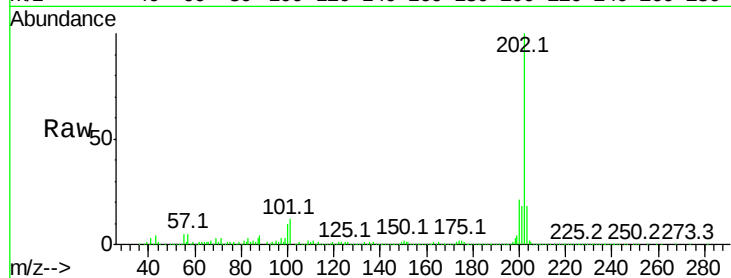
Tot Ion:202 Resp: 439519

Ion Ratio Lower Upper

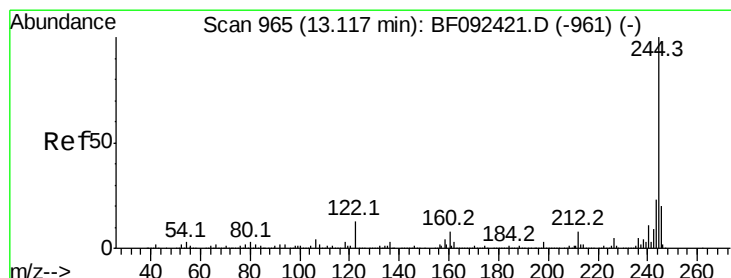
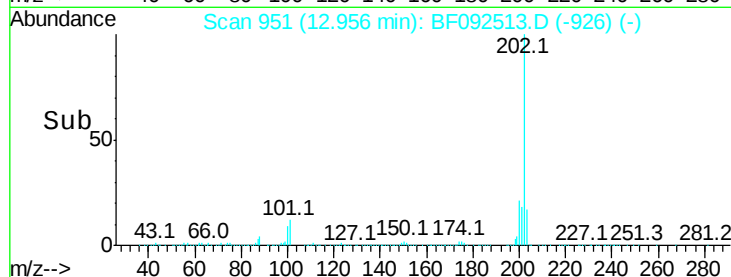
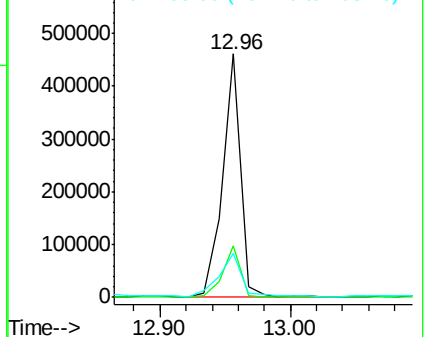
202 100

200 21.3 17.7 26.5

203 18.0 14.7 22.1



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



#78

Terphenyl-d14

Concen: 74.31 ng

RT: 13.10 min Scan# 964

Delta R.T. -0.01 min

Lab File: BF092513.D

Acq: 26 Jan 2017 9:29

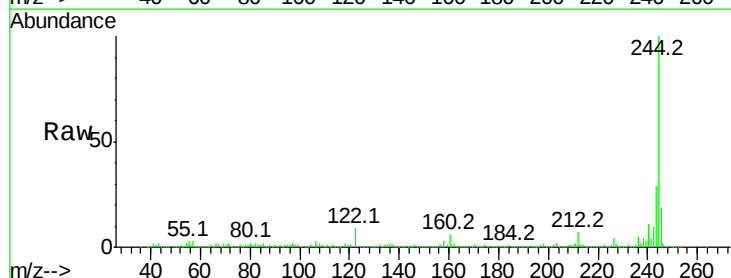
Tgt Ion:244 Resp: 985179

Ion Ratio Lower Upper

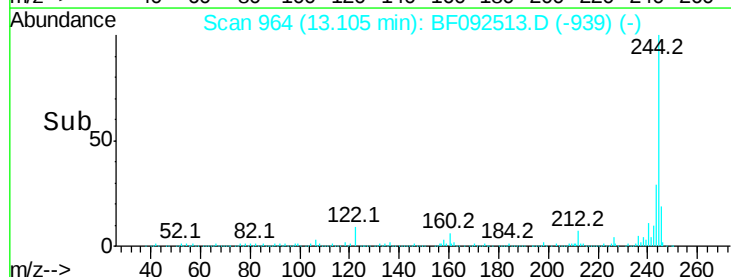
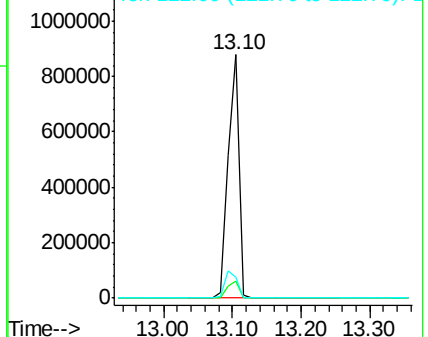
244 100

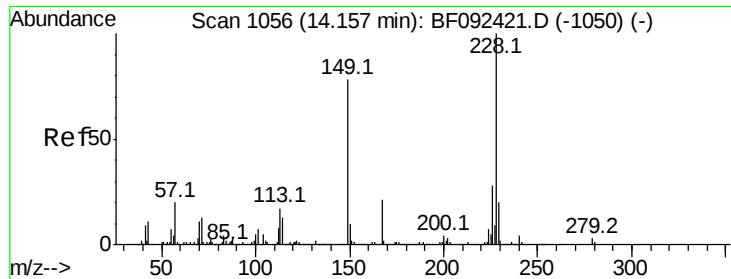
212 7.2 6.2 9.2

122 8.8 11.4 17.2#



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





#80

Benzo(a)anthracene

Concen: 10.45 ng

RT: 14.15 min Scan# 1055

Delta R.T. -0.01 min

Lab File: BF092513.D

Acq: 26 Jan 2017 9:29

Instrument :

BNA_F

ClientSampleId :

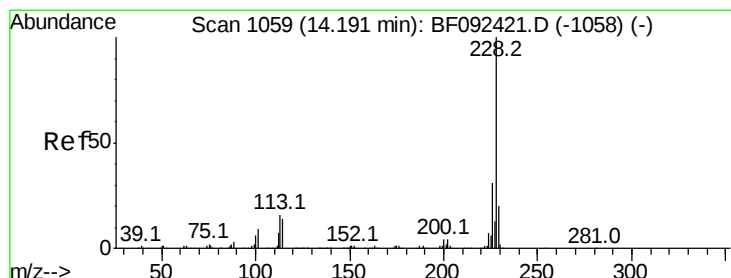
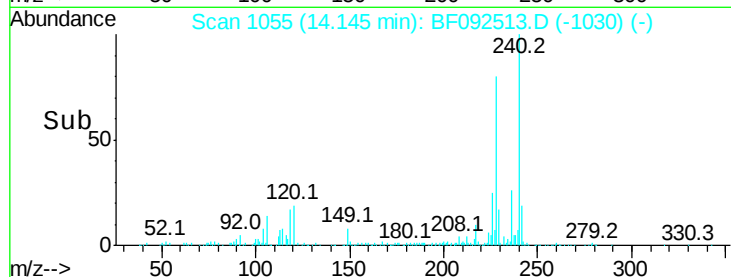
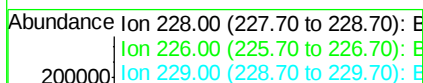
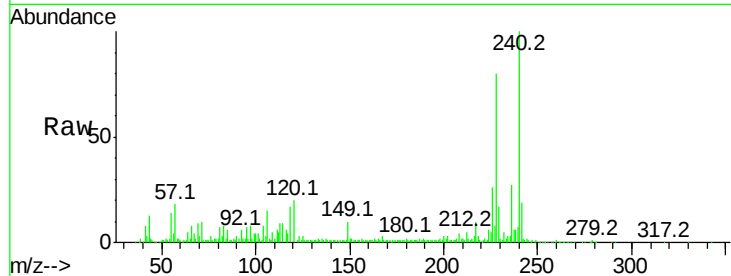
Tot Ion:228 Resp: 198335

Ion Ratio Lower Upper

228 100

226 31.8 22.4 33.6

229 21.4 16.2 24.4



#82

Chrysene

Concen: 9.79 ng

RT: 14.15 min Scan# 1055

Delta R.T. -0.05 min

Lab File: BF092513.D

Acq: 26 Jan 2017 9:29

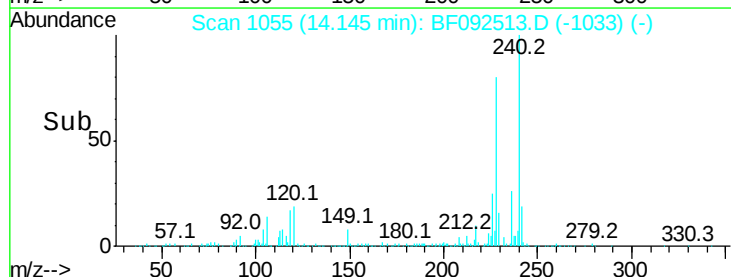
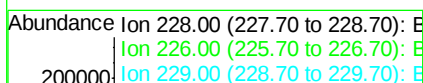
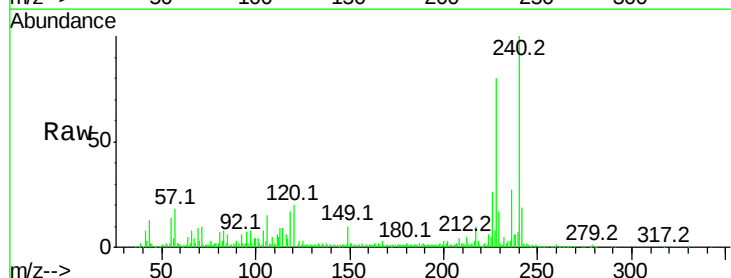
Tgt Ion:228 Resp: 198335

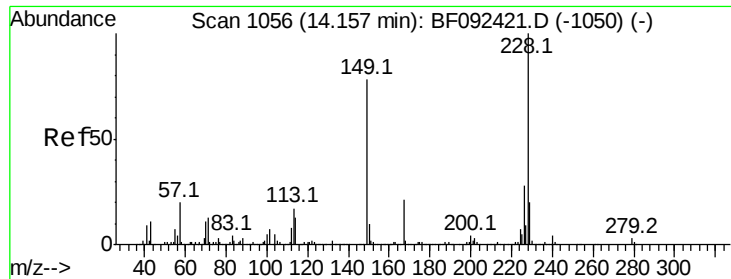
Ion Ratio Lower Upper

228 100

226 31.8 25.4 38.0

229 21.4 16.2 24.2





#83

Bis(2-ethylhexyl)phthalate

Concen: 5.10 ng

RT: 14.13 min Scan# 1054

Delta R.T. -0.02 min

Lab File: BF092513.D

Acq: 26 Jan 2017 9:29

Instrument :

BNA_F

ClientSampleId :

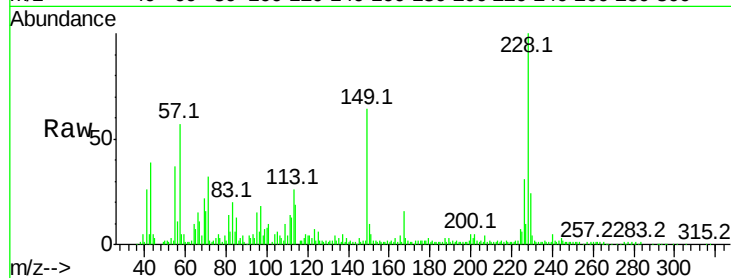
Tot Ion:149 Resp: 66599

Ion Ratio Lower Upper

149 100

167 25.7 20.2 30.4

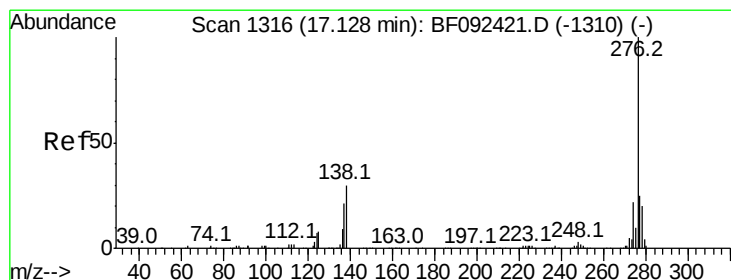
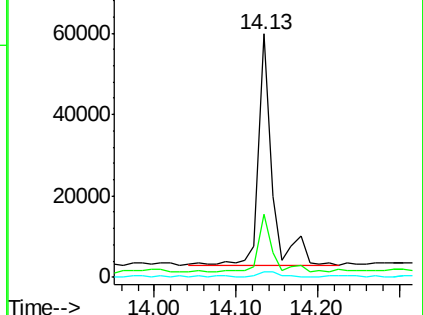
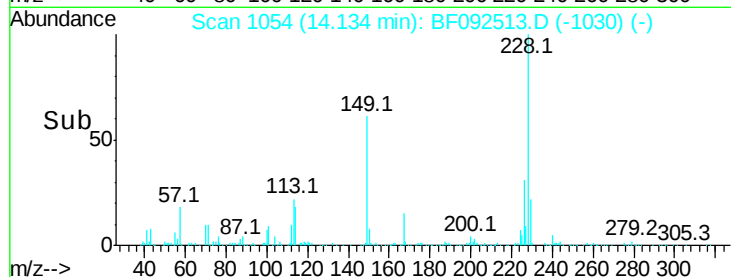
279 2.3 1.8 2.8



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: 7.03 ng

RT: 17.11 min Scan# 1314

Delta R.T. -0.02 min

Lab File: BF092513.D

Acq: 26 Jan 2017 9:29

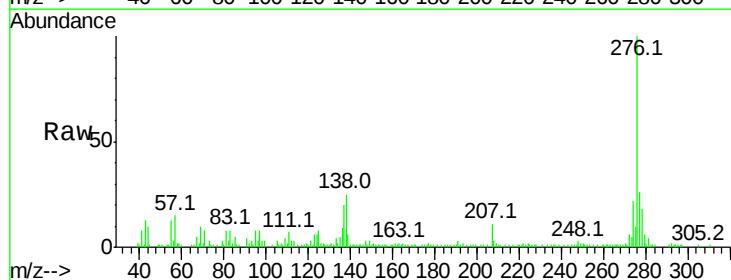
Tgt Ion:276 Resp: 105322

Ion Ratio Lower Upper

276 100

138 28.0 21.8 32.6

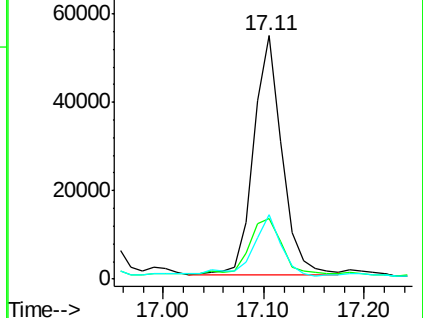
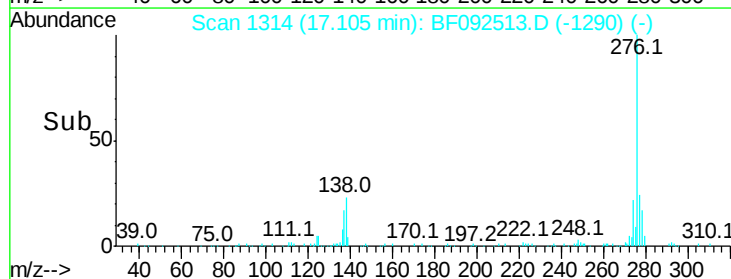
277 29.0 20.2 30.4

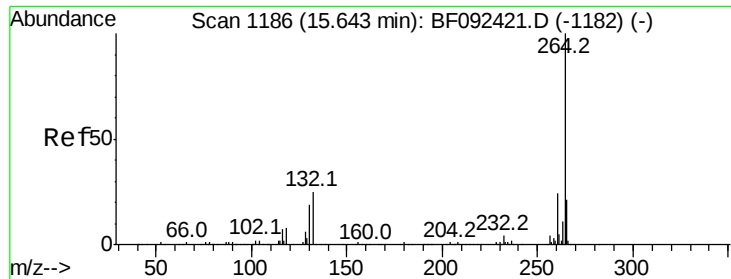


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

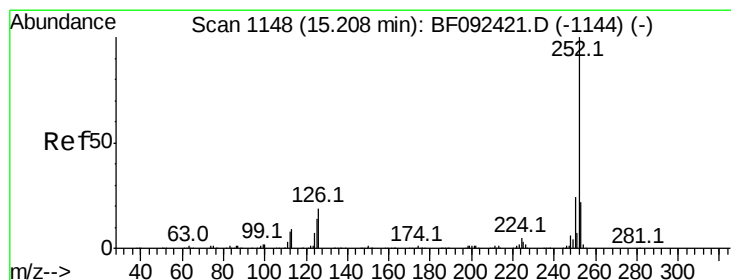
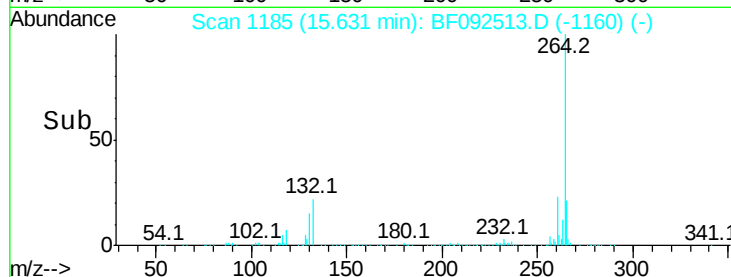
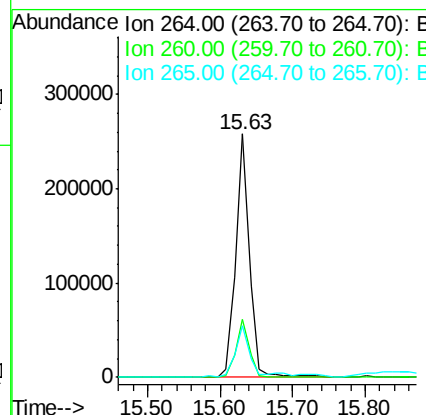
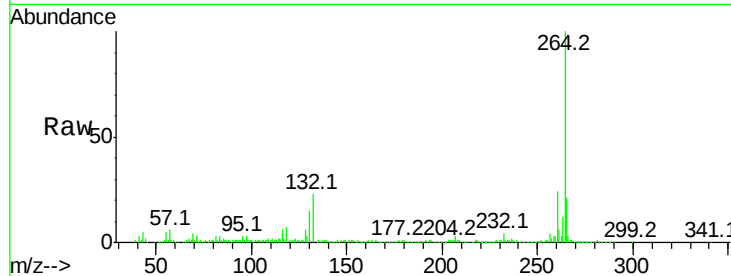




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.63 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BF092513.D
Acq: 26 Jan 2017 9:29

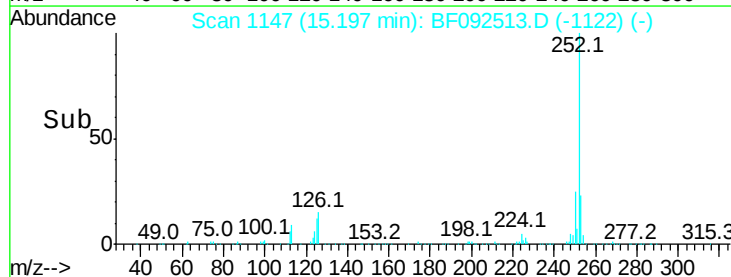
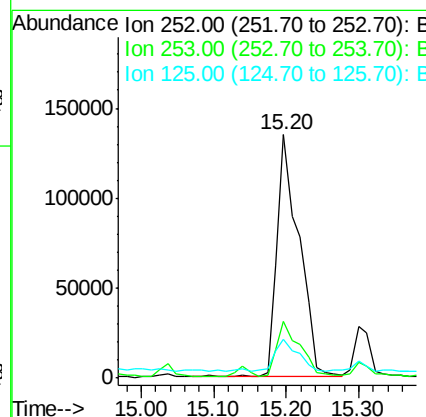
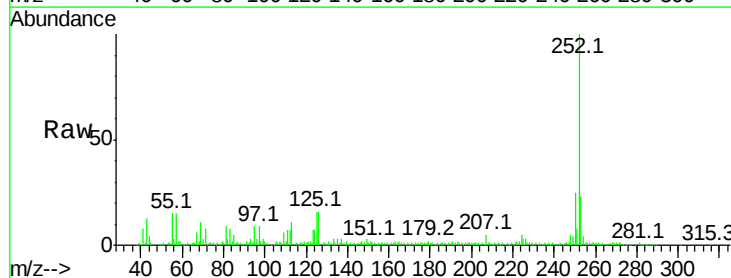
Instrument :
BNA_F
ClientSampleId :

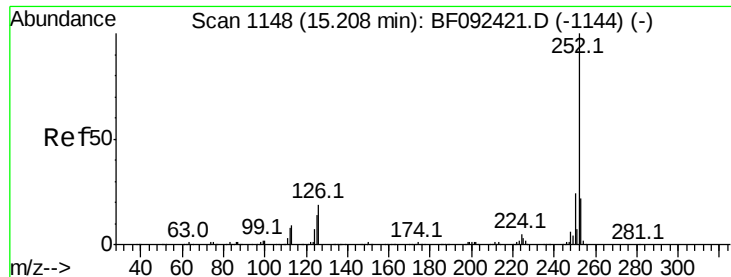
Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.5	17.4	26.0



#87
Benzo(b)fluoranthene
Concen: 13.25 ng
RT: 15.20 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BF092513.D
Acq: 26 Jan 2017 9:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.2	27.4
125	16.0	9.8	14.6

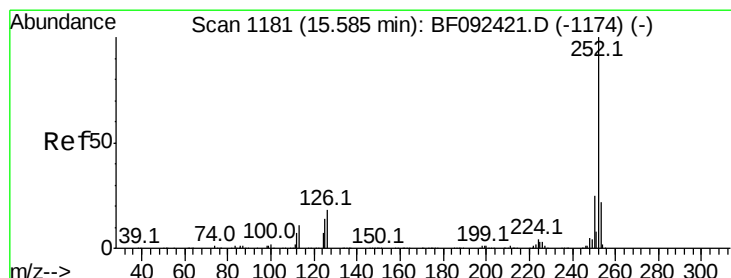
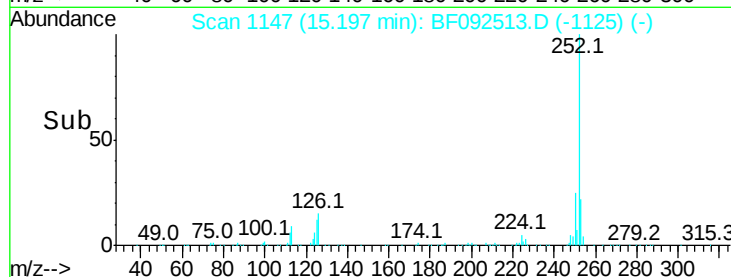
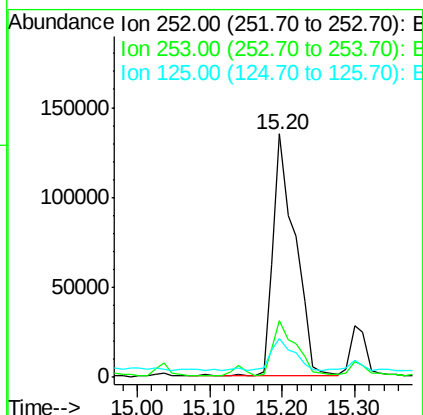
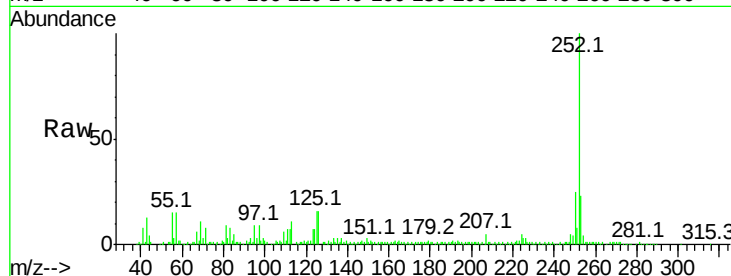




#88
Benzo(k)fluoranthene
Concen: 15.93 ng
RT: 15.20 min Scan# 1147
Delta R.T. -0.05 min
Lab File: BF092513.D
Acq: 26 Jan 2017 9:29

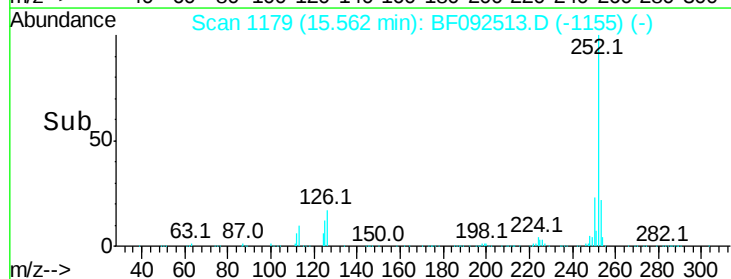
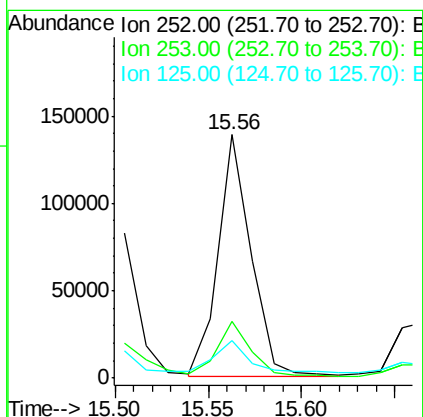
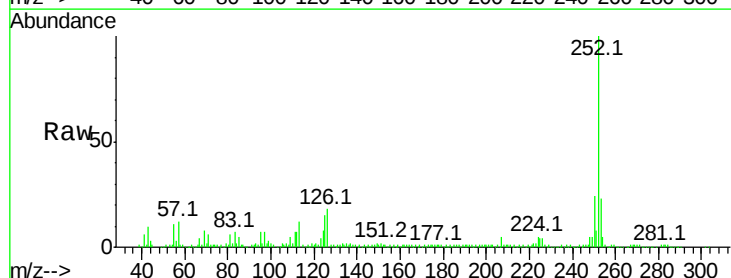
Instrument :
BNA_F
ClientSampleId :

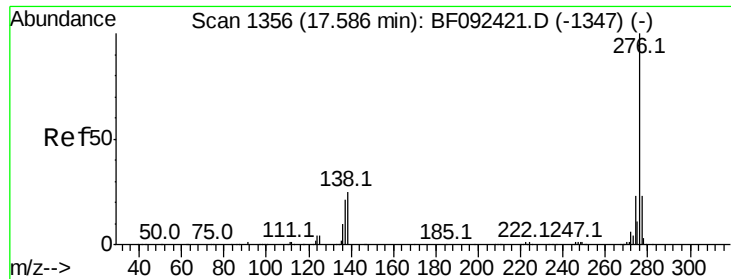
Tot Ion:252 Resp: 289143
Ion Ratio Lower Upper
252 100
253 23.1 18.5 27.7
125 16.0 8.9 13.3#



#89
Benzo(a)pyrene
Concen: 9.23 ng
RT: 15.56 min Scan# 1179
Delta R.T. -0.02 min
Lab File: BF092513.D
Acq: 26 Jan 2017 9:29

Tgt Ion:252 Resp: 170393
Ion Ratio Lower Upper
252 100
253 23.3 18.2 27.2
125 15.3 10.0 15.0#





#91

Benzo(a,h,i)perylene

Concen: 6.77 ng

RT: 17.55 min Scan# 1353

Delta R.T. -0.03 min

Lab File: BF092513.D

Acq: 26 Jan 2017 9:29

Instrument :

BNA_F

ClientSampleId :

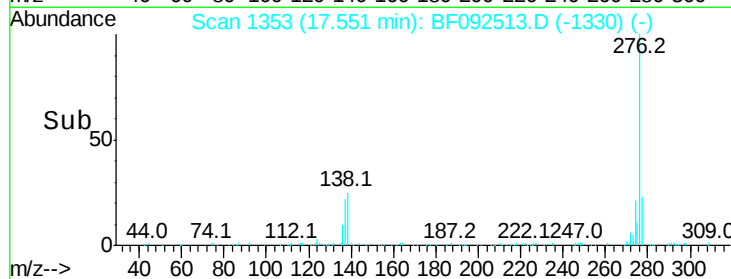
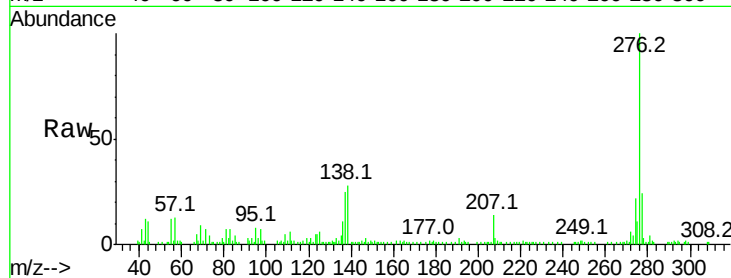
Tot Ion: 276 Resp: 102299

Ion Ratio Lower Upper

276 100

277 24.2 19.2 28.8

138 28.4 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

