

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072315\
 Data File : BF080621.D
 Acq On : 24 Jul 2015 5:52
 Operator : TP/UM
 Sample : G3057-03 5X
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-03-003-B

Quant Time: Jul 24 06:40:15 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 24 01:01:51 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	38904	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	160556	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	74981	20.00	ng	0.00
63) Phenanthrene-d10	11.48	188	137990	20.00	ng	0.00
75) Chrysene-d12	14.24	240	169128	20.00	ng	0.06
86) Perylene-d12	15.87	264	186621	20.00	ng	0.13

System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	29847	13.25	ng	0.01
7) Phenol-d6	6.56	99	71211	25.86	ng	0.00
23) Nitrobenzene-d5	7.50	82	43082	15.20	ng	0.00
41) 2,4,6-Tribromophenol	10.78	330	1757	2.96	ng	0.01
44) 2-Fluorobiphenyl	9.31	172	79103	15.31	ng	0.00
78) Terphenyl-d14	13.09	244	84373	10.44	ng	0.02

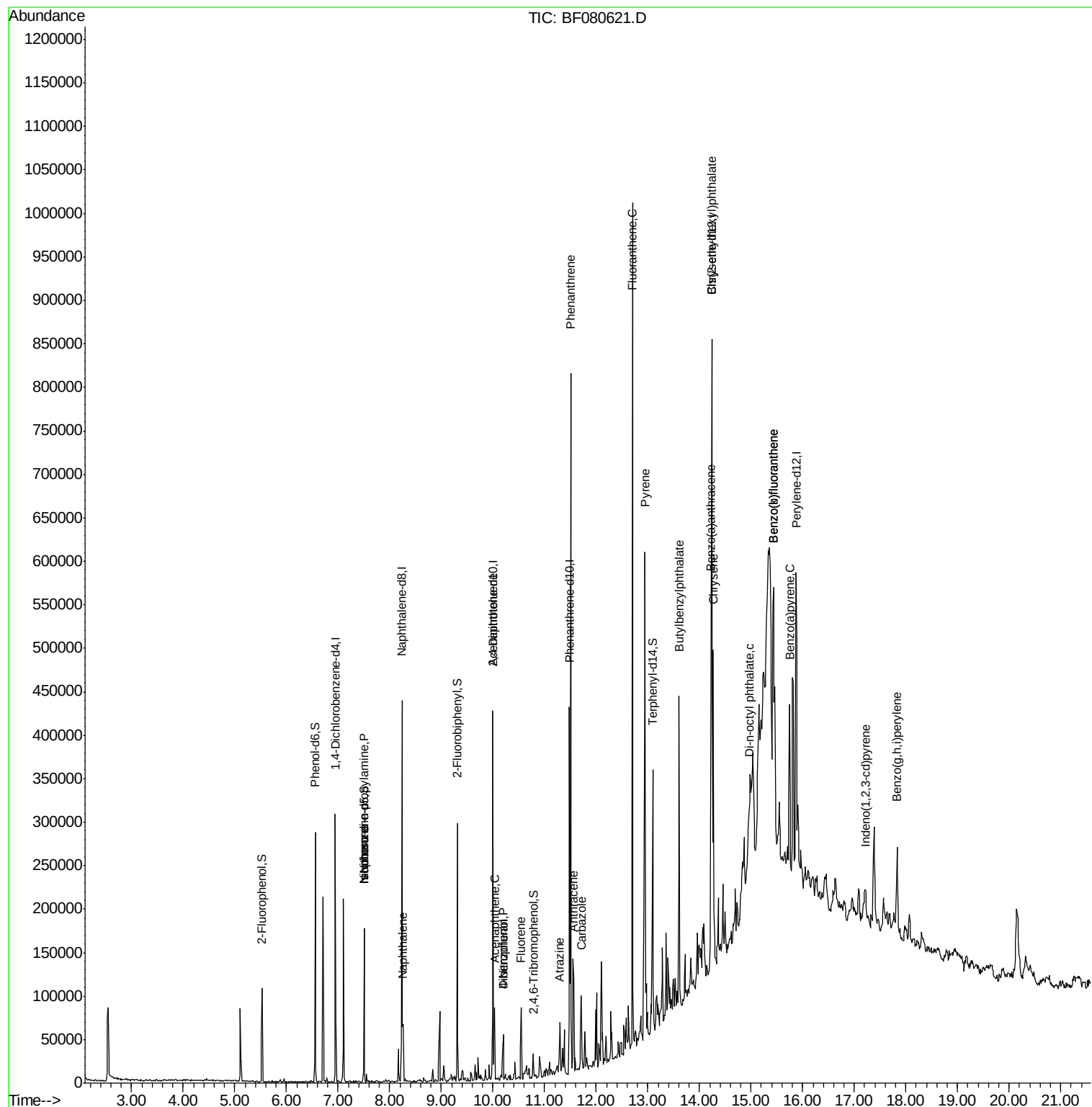
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.50	70	6285	3.37	ng	# 76
25) Isophorone	7.50	82	41102	7.83	ng	# 66
31) Naphthalene	8.26	128	22080	2.75	ng	98
51) Acenaphthene	10.03	154	19976	4.55	ng	98
54) Dibenzofuran	10.20	168	20780	3.27	ng	97
55) 4-Nitrophenol	10.20	139	7726	9.53	ng	# 1
56) 2,4-Dinitrotoluene	10.00	165	9998	7.73	ng	# 10
57) Fluorene	10.54	166	23984	4.70	ng	99
68) Atrazine	11.29	200	3090	2.48	ng	# 39
70) Phenanthrene	11.50	178	266235	34.18	ng	99
71) Anthracene	11.56	178	71421	9.79	ng	99
72) Carbazole	11.71	167	28463	4.51	ng	96
74) Fluoranthene	12.71	202	358587	51.45	ng	96
77) Pyrene	12.95	202	289541	25.52	ng	99
79) Butylbenzylphthalate	13.61	149	87468	24.39	ng	99
80) Benzo(a)anthracene	14.23	228	177242	18.58	ng	98
82) Chrysene	14.27	228	143172	15.09	ng	95
83) Bis(2-ethylhexyl)phthalate	14.24	149	21080	3.80	ng	# 97
84) Di-n-octyl phthalate	14.97	149	6281	6.63	ng	# 61
85) Indeno(1,2,3-cd)pyrene	17.22	276	22067	3.07	ng	92
87) Benzo(b)fluoranthene	15.44	252	247398	21.80	ng	# 96
88) Benzo(k)fluoranthene	15.44	252	247398	21.90	ng	99
89) Benzo(a)pyrene	15.75	252	86739	8.61	ng	99
91) Benzo(g,h,i)perylene	17.83	276	79391	8.17	ng	# 91

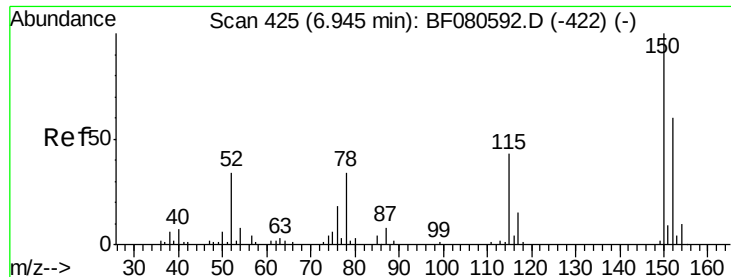
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jul 24 01:01:51 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.94 min Scan# 425

Delta R.T. 0.00 min

Lab File: BF080621.D

Acq: 24 Jul 2015 5:52

Instrument :

BNA_F

ClientSampleId :

FK-SF-03-003-B

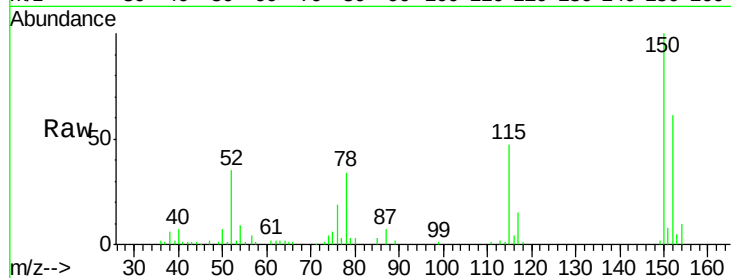
Tgt Ion:152 Resp: 38904

Ion Ratio Lower Upper

152 100

150 164.4 128.7 193.1

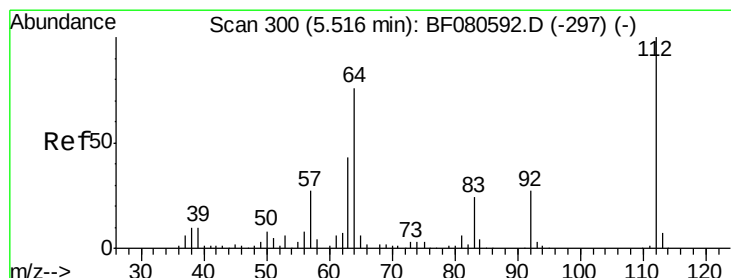
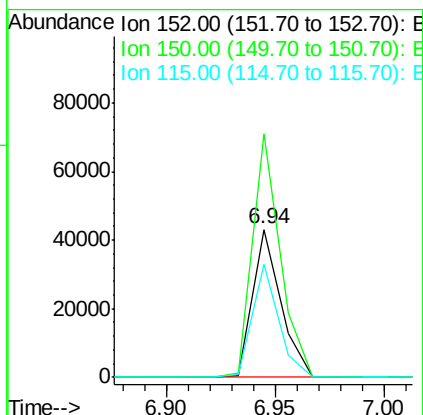
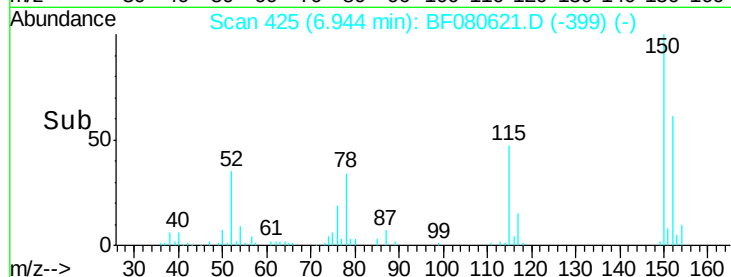
115 76.6 56.8 85.2



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: 13.25 ng

RT: 5.53 min Scan# 301

Delta R.T. 0.01 min

Lab File: BF080621.D

Acq: 24 Jul 2015 5:52

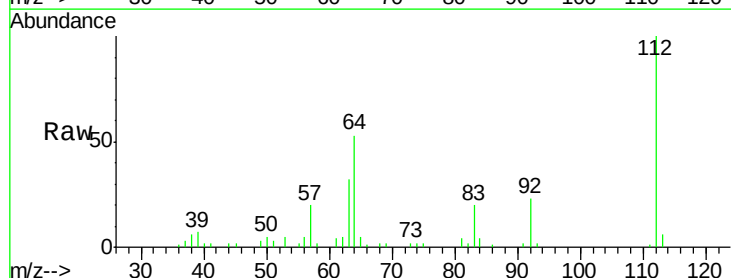
Tgt Ion:112 Resp: 29847

Ion Ratio Lower Upper

112 100

64 53.4 60.2 90.2#

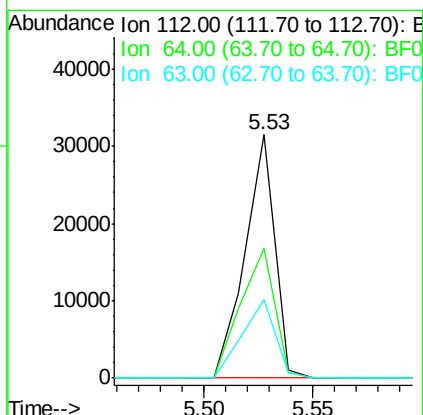
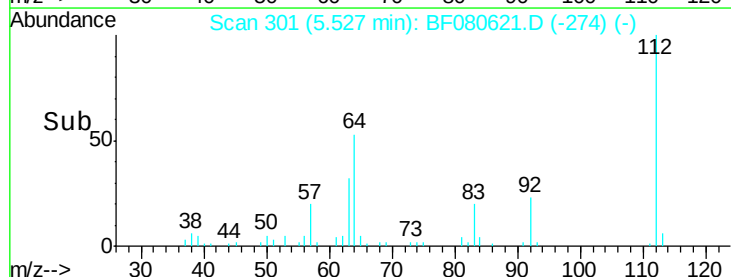
63 32.3 34.8 52.2#

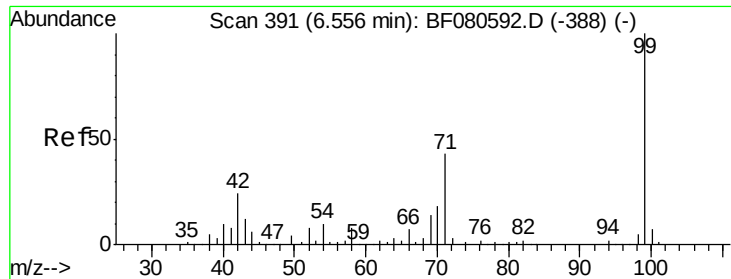


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 25.86 ng

RT: 6.56 min Scan# 391

Delta R.T. 0.00 min

Lab File: BF080621.D

Acq: 24 Jul 2015 5:52

Instrument :

BNA_F

ClientSampleId :

FK-SF-03-003-B

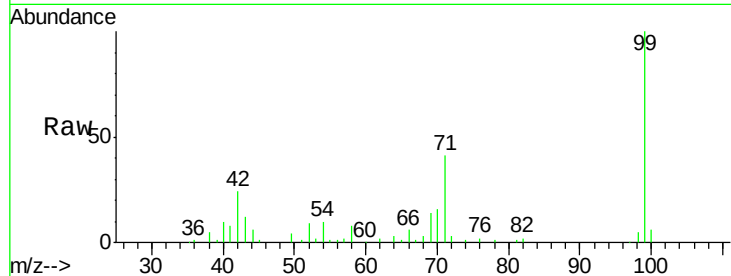
Tgt Ion: 99 Resp: 71211

Ion Ratio Lower Upper

99 100

42 23.6 17.4 26.2

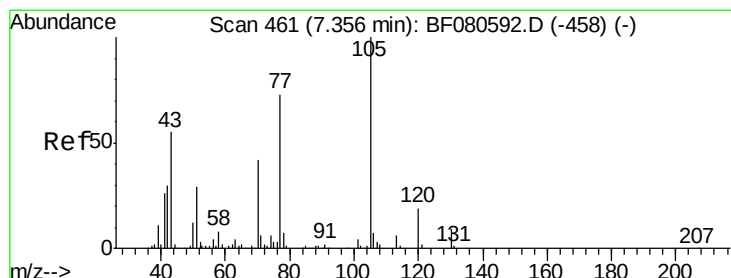
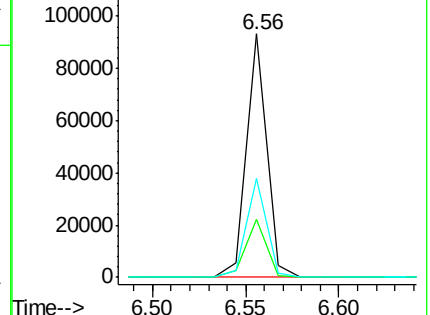
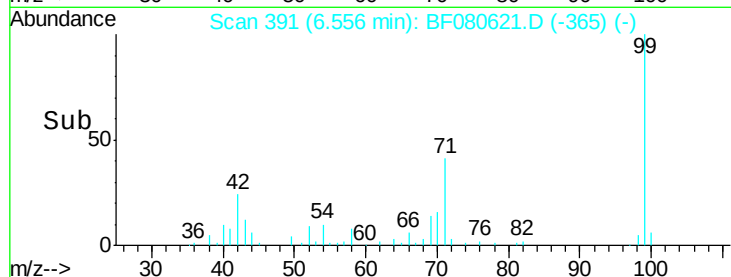
71 40.6 29.0 43.6



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



#19

n-Nitroso-di-n-propylamine

Concen: 3.37 ng

RT: 7.50 min Scan# 474

Delta R.T. 0.15 min

Lab File: BF080621.D

Acq: 24 Jul 2015 5:52

Tgt Ion: 70 Resp: 6285

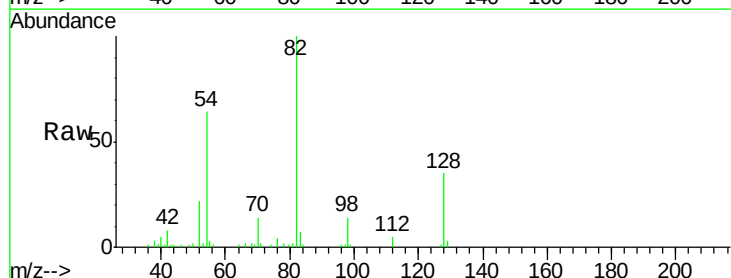
Ion Ratio Lower Upper

70 100

42 58.8 56.6 85.0

101 0.0 9.7 14.5#

130 0.0 19.1 28.7#

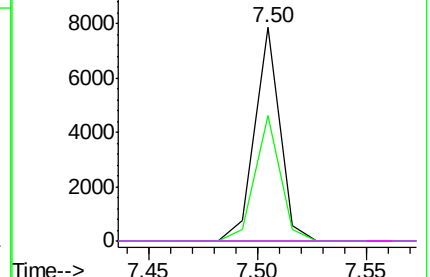
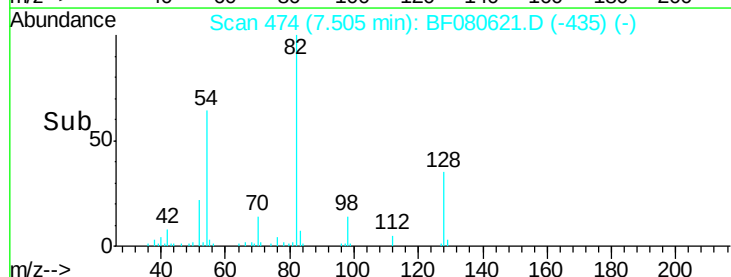


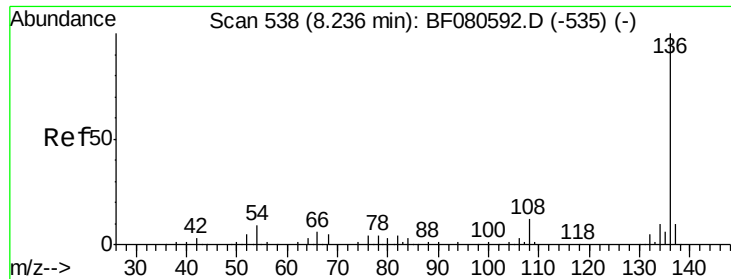
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

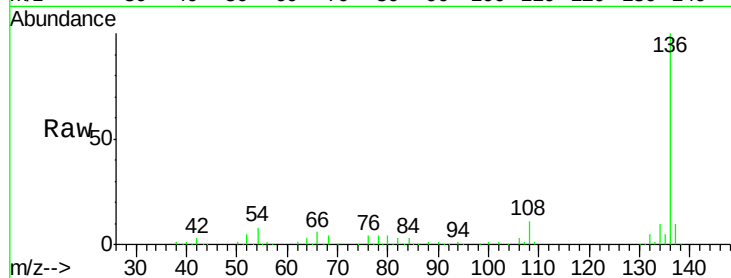




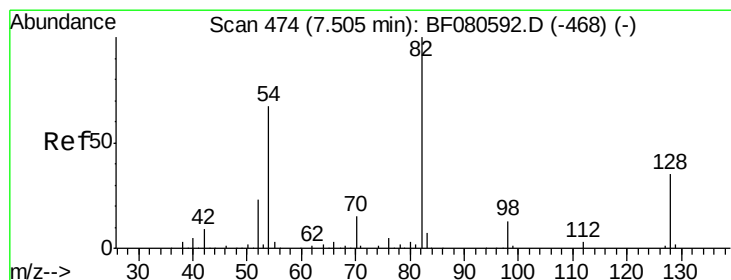
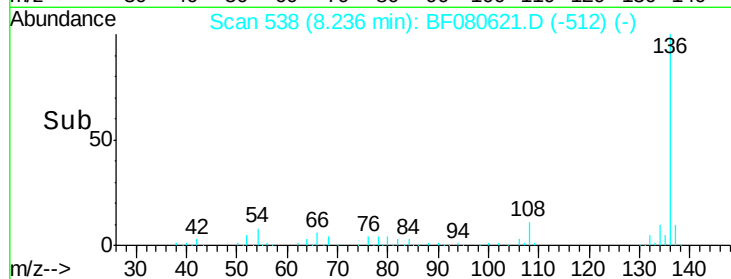
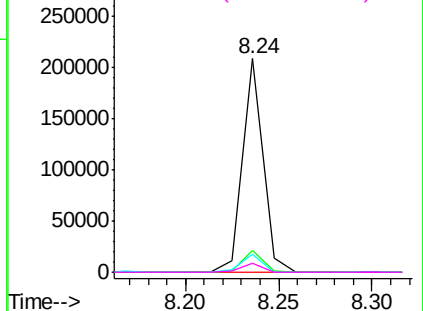
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.24 min Scan# 538
Delta R.T. 0.00 min
Lab File: BF080621.D
Acq: 24 Jul 2015 5:52

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-003-B

Tgt Ion:	136	Resp:	160556
Ion	Ratio	Lower	Upper
136	100		
137	10.1	7.8	11.8
54	8.5	7.2	10.8
68	4.3	3.8	5.6

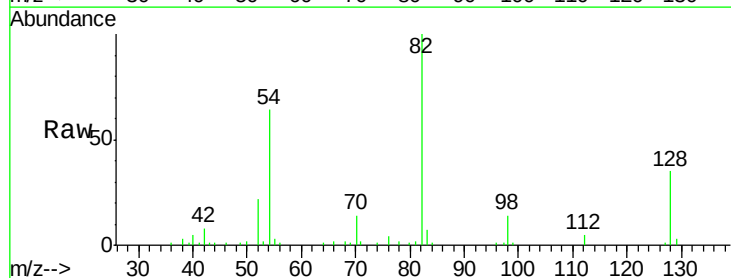


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

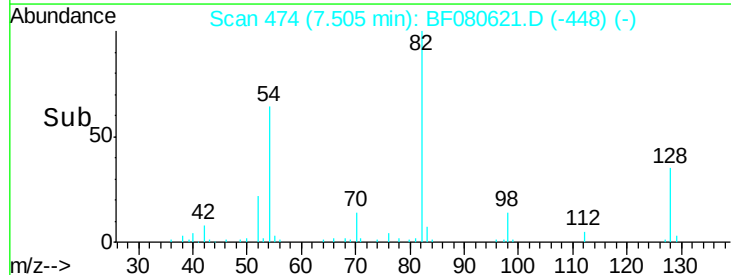
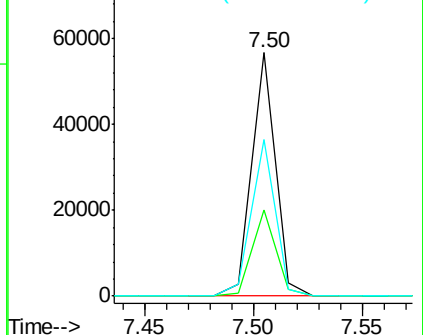


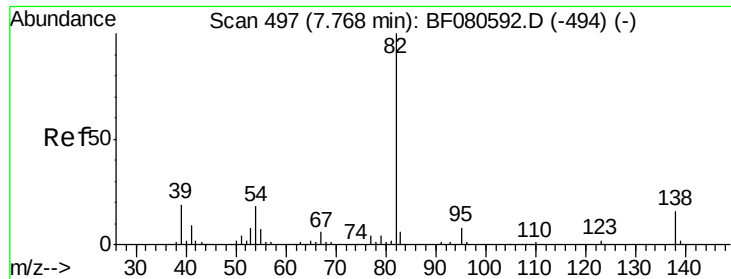
#23
Nitrobenzene-d5
Concen: 15.20 ng
RT: 7.50 min Scan# 474
Delta R.T. 0.00 min
Lab File: BF080621.D
Acq: 24 Jul 2015 5:52

Tgt Ion:	82	Resp:	43082
Ion	Ratio	Lower	Upper
82	100		
128	35.3	28.9	43.3
54	64.1	54.5	81.7



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: 7.83 ng

RT: 7.50 min Scan# 474

Delta R.T. -0.26 min

Lab File: BF080621.D

Acq: 24 Jul 2015 5:52

Instrument :

BNA_F

ClientSampleId :

FK-SF-03-003-B

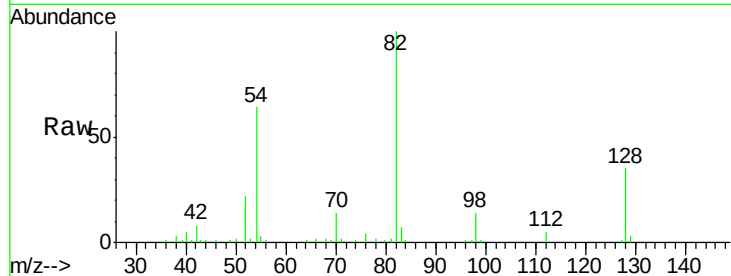
Tgt Ion: 82 Resp: 41102

Ion Ratio Lower Upper

82 100

95 0.0 5.9 8.9#

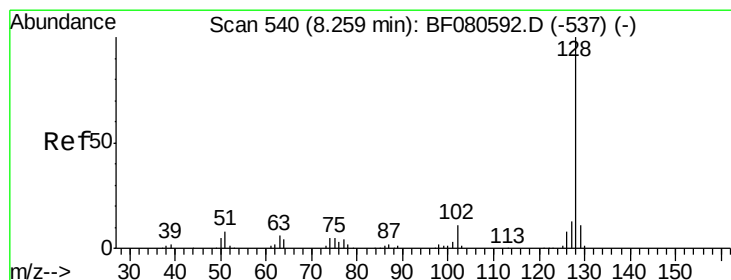
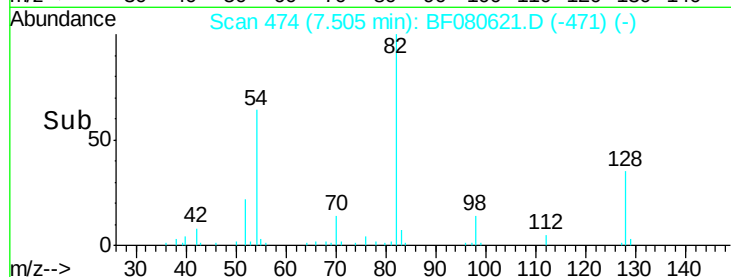
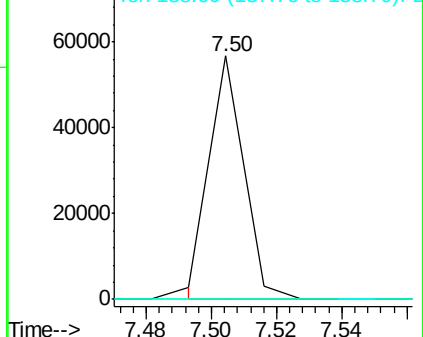
138 0.0 13.4 20.2#



Abundance Ion 82.00 (81.70 to 82.70): BF080621.D (-471) (-)

Ion 95.00 (94.70 to 95.70): BF080621.D (-471) (-)

Ion 138.00 (137.70 to 138.70): BF080621.D (-471) (-)



#31

Naphthalene

Concen: 2.75 ng

RT: 8.26 min Scan# 540

Delta R.T. 0.00 min

Lab File: BF080621.D

Acq: 24 Jul 2015 5:52

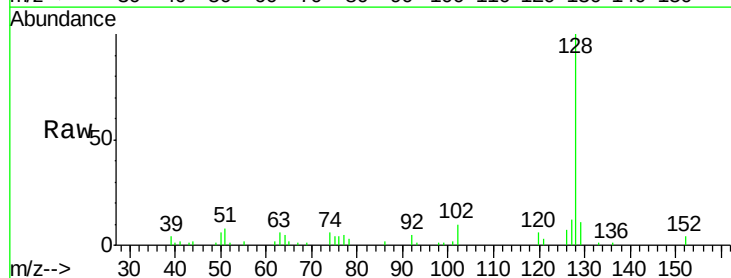
Tgt Ion: 128 Resp: 22080

Ion Ratio Lower Upper

128 100

129 11.4 8.6 13.0

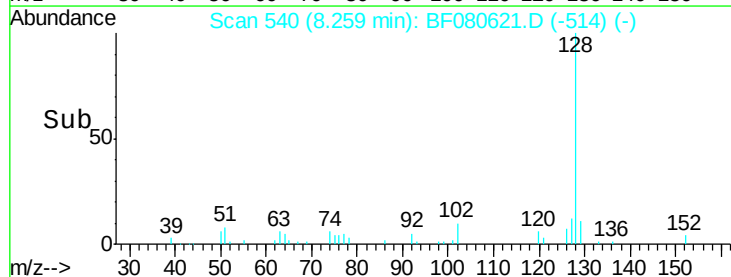
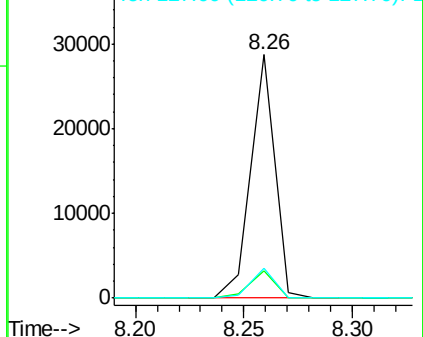
127 12.4 10.7 16.1

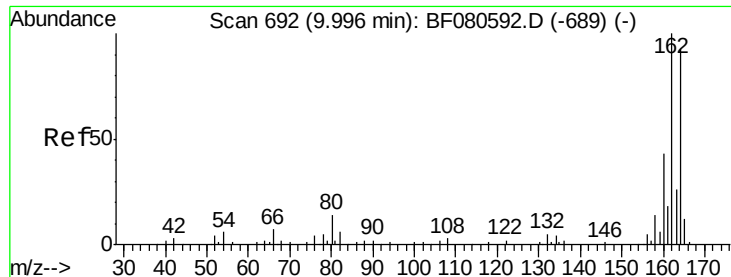


Abundance Ion 128.00 (127.70 to 128.70): BF080621.D (-514) (-)

Ion 129.00 (128.70 to 129.70): BF080621.D (-514) (-)

Ion 127.00 (126.70 to 127.70): BF080621.D (-514) (-)





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.00 min Scan# 692

Delta R.T. 0.00 min

Lab File: BF080621.D

Acq: 24 Jul 2015 5:52

Instrument :

BNA_F

ClientSampleId :

FK-SF-03-003-B

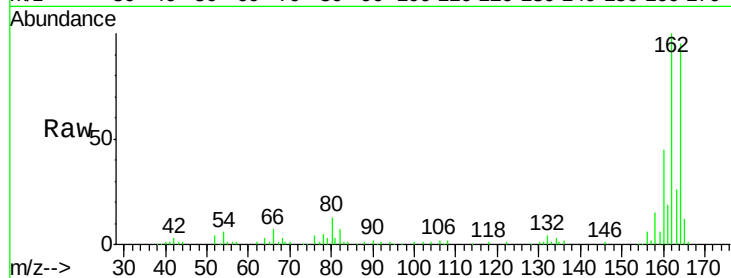
Tgt Ion:164 Resp: 74981

Ion Ratio Lower Upper

164 100

162 105.7 82.2 123.4

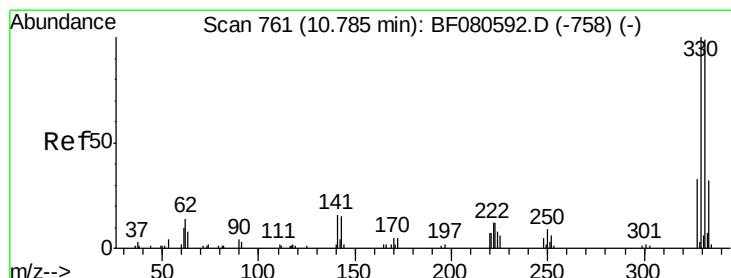
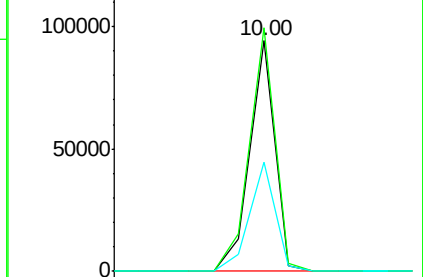
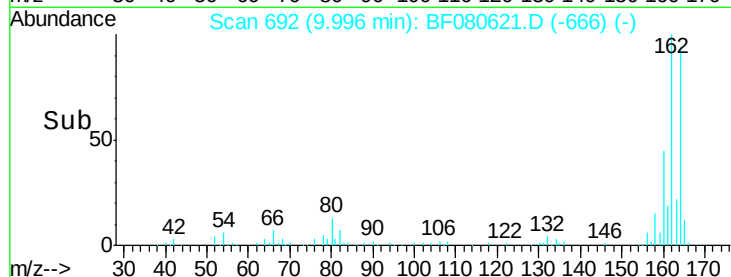
160 47.2 36.1 54.1



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: 2.96 ng

RT: 10.78 min Scan# 761

Delta R.T. 0.01 min

Lab File: BF080621.D

Acq: 24 Jul 2015 5:52

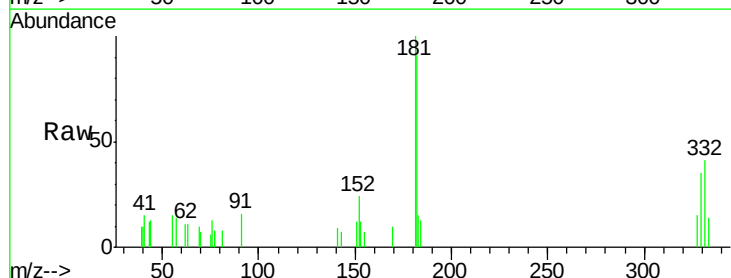
Tgt Ion:330 Resp: 1757

Ion Ratio Lower Upper

330 100

332 110.1 78.3 117.5

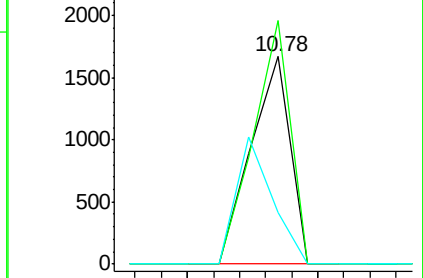
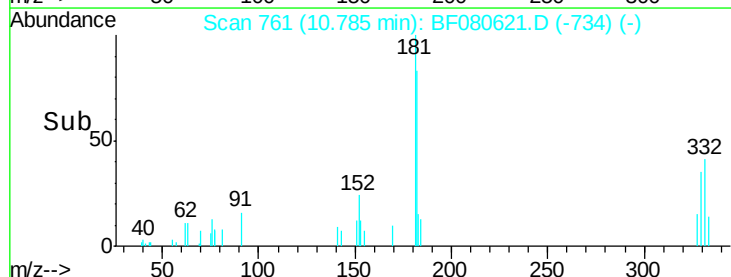
141 56.4 37.9 56.9

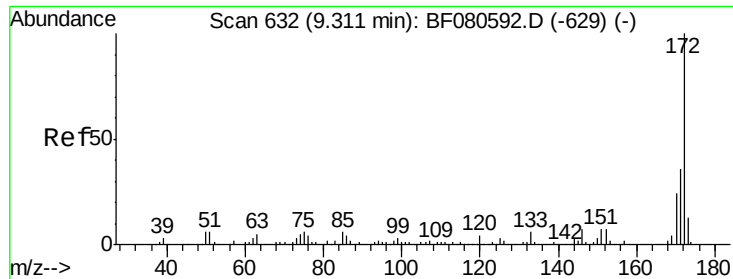


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

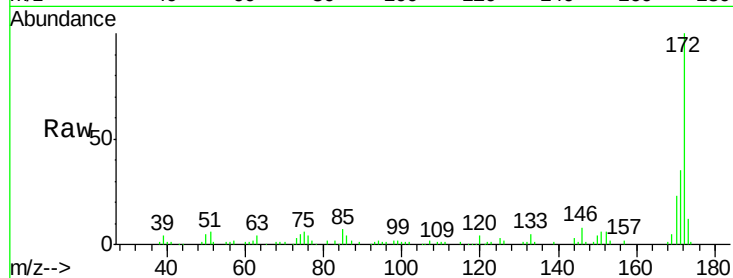




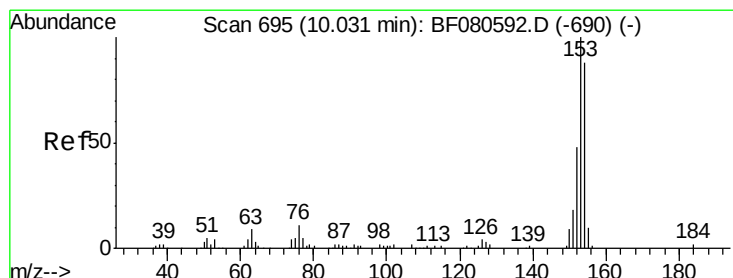
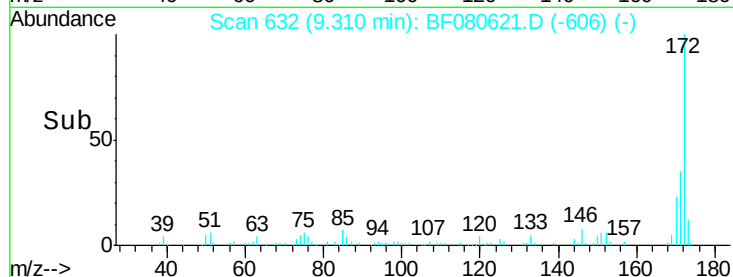
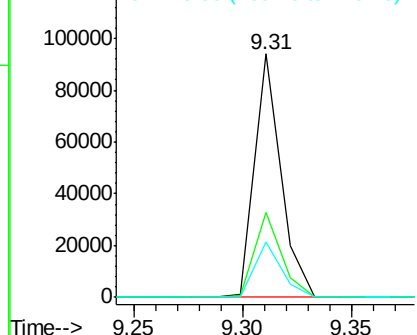
#44
2-Fluorobiphenyl
Concen: 15.31 ng
RT: 9.31 min Scan# 632
Delta R.T. 0.00 min
Lab File: BF080621.D
Acq: 24 Jul 2015 5:52

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-003-B

Tgt Ion:172 Resp: 79103
Ion Ratio Lower Upper
172 100
171 35.0 27.7 41.5
170 23.0 19.1 28.7

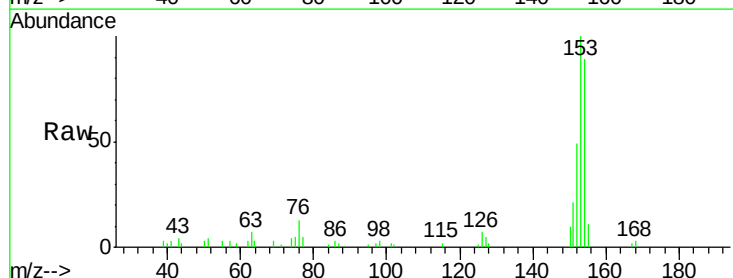


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

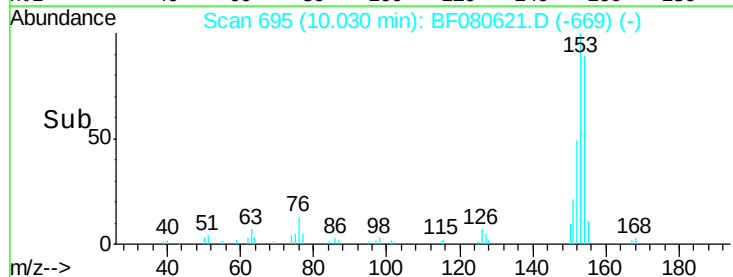
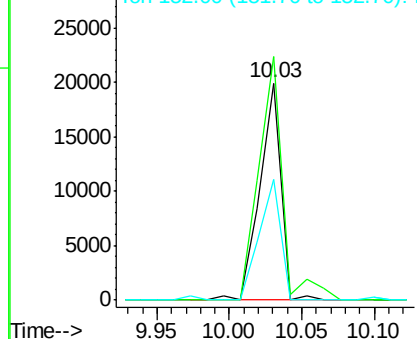


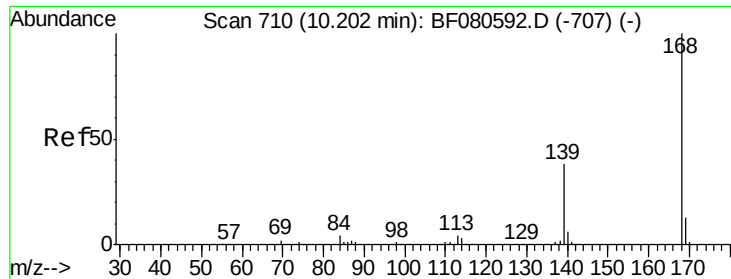
#51
Acenaphthene
Concen: 4.55 ng
RT: 10.03 min Scan# 695
Delta R.T. 0.00 min
Lab File: BF080621.D
Acq: 24 Jul 2015 5:52

Tgt Ion:154 Resp: 19976
Ion Ratio Lower Upper
154 100
153 112.0 92.2 138.2
152 55.4 43.6 65.4



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





#54

Dibenzenofuran

Concen: 3.27 ng

RT: 10.20 min Scan# 710

Delta R.T. 0.00 min

Lab File: BF080621.D

Acq: 24 Jul 2015 5:52

Instrument :

BNA_F

ClientSampleId :

FK-SF-03-003-B

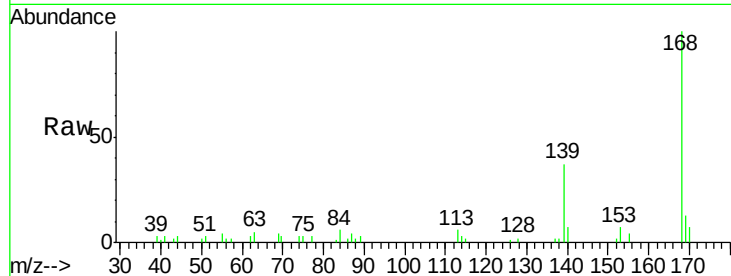
Tgt Ion:168 Resp: 20780

Ion Ratio Lower Upper

168 100

139 36.7 30.7 46.1

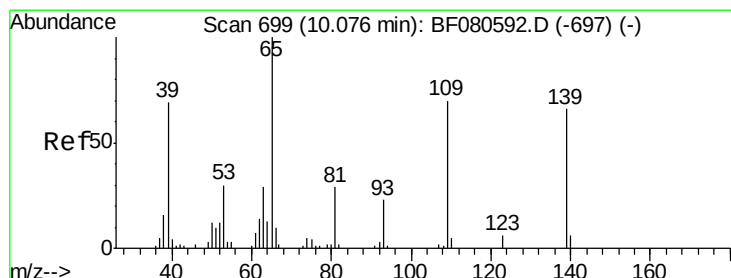
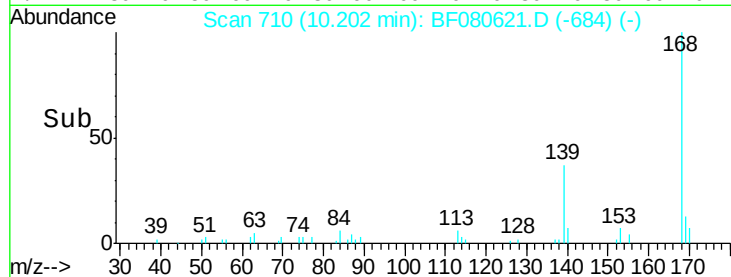
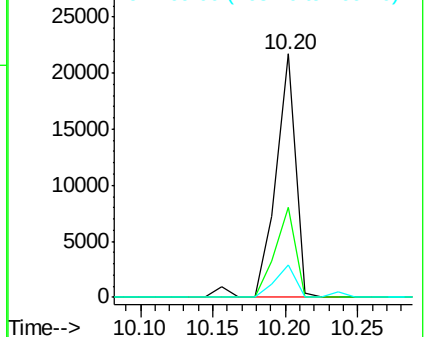
169 13.4 9.8 14.8



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



#55

4-Nitrophenol

Concen: 9.53 ng

RT: 10.20 min Scan# 710

Delta R.T. 0.13 min

Lab File: BF080621.D

Acq: 24 Jul 2015 5:52

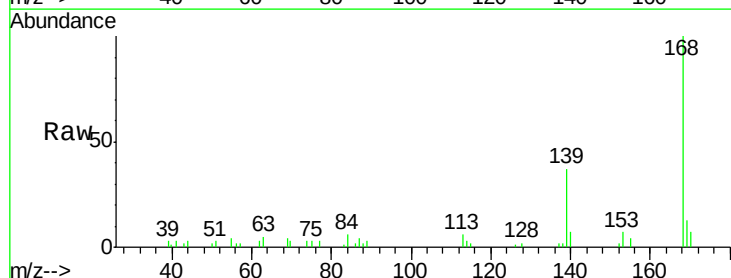
Tgt Ion:139 Resp: 7726

Ion Ratio Lower Upper

139 100

109 0.0 75.9 115.9#

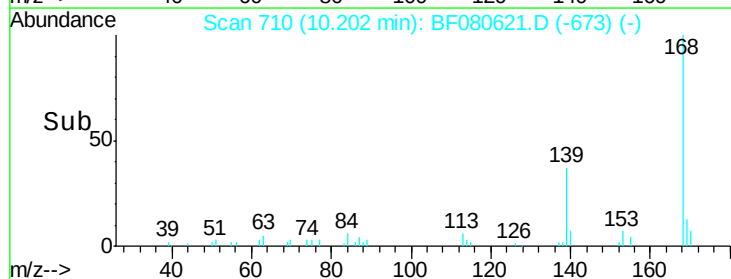
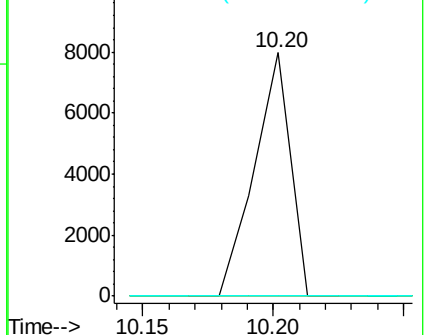
65 0.0 109.4 149.4#

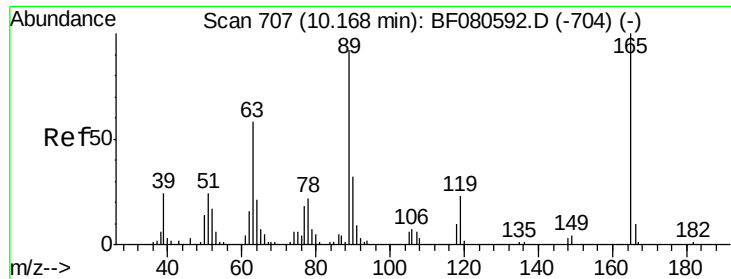


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

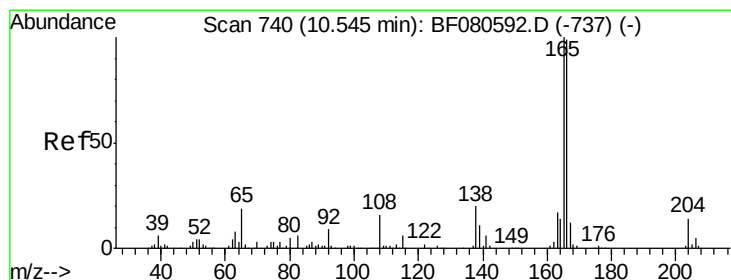
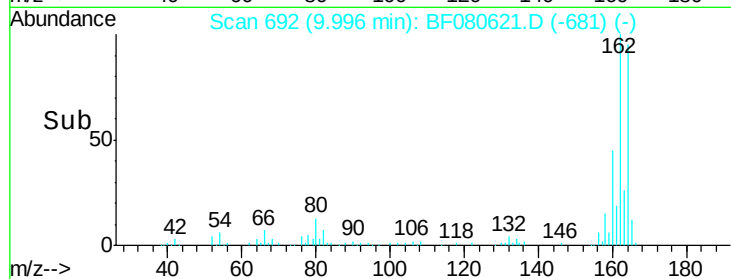
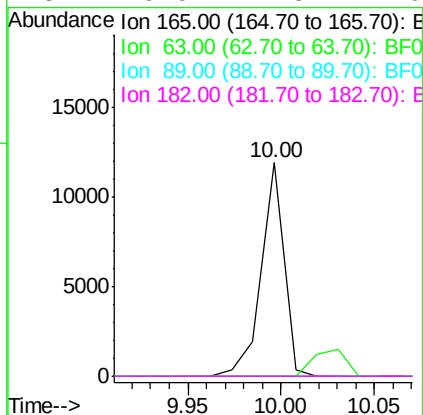
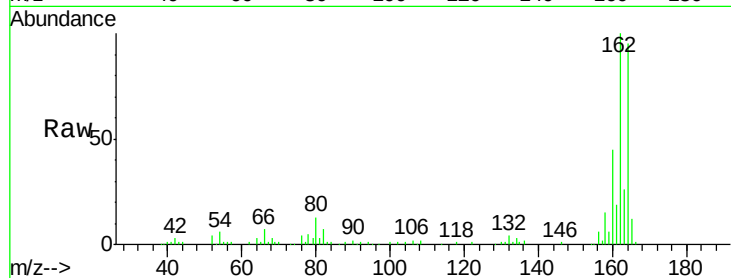




#56
2,4-Dinitrotoluene
Concen: 7.73 ng
RT: 10.00 min Scan# 692
Delta R.T. -0.17 min
Lab File: BF080621.D
Acq: 24 Jul 2015 5:52

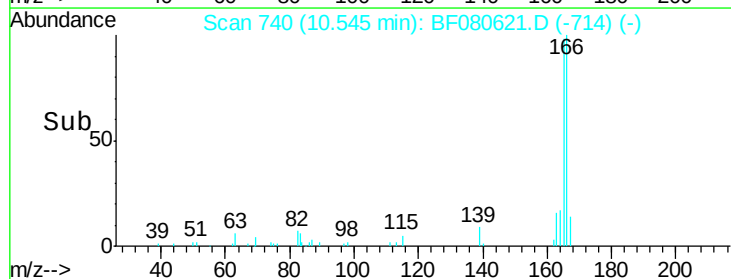
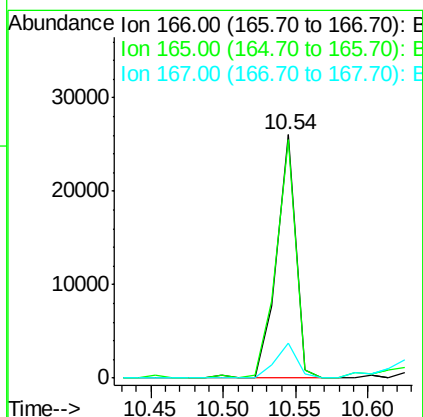
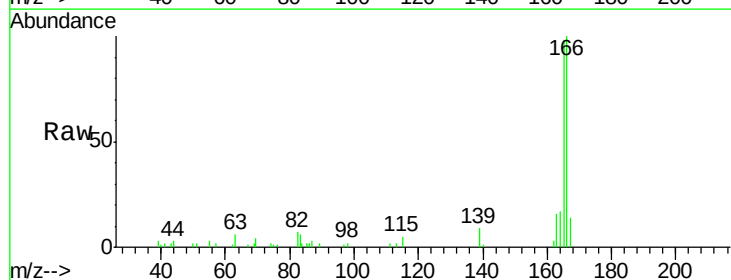
Instrument :
BNA_F
ClientSampleId :
FK-SF-03-003-B

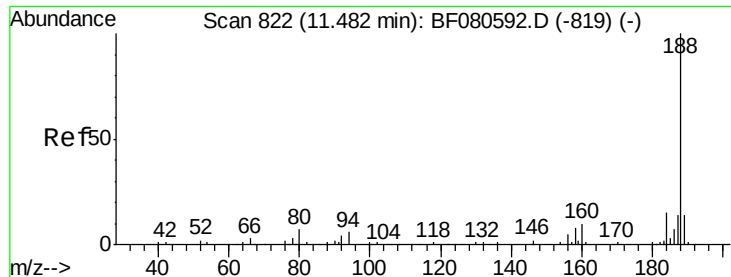
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	48.1	72.1#
89	0.0	77.4	116.0#
182	0.0	1.3	1.9#



#57
Fluorene
Concen: 4.70 ng
RT: 10.54 min Scan# 740
Delta R.T. 0.00 min
Lab File: BF080621.D
Acq: 24 Jul 2015 5:52

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.0	77.7	116.5
167	14.5	10.5	15.7

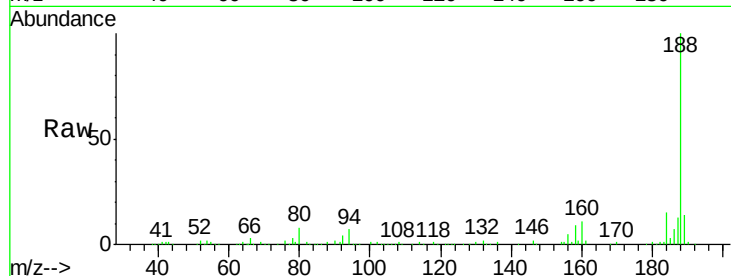




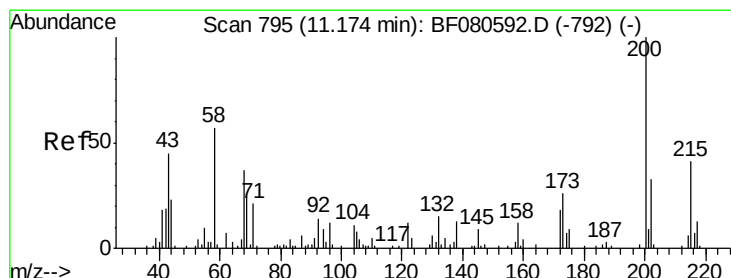
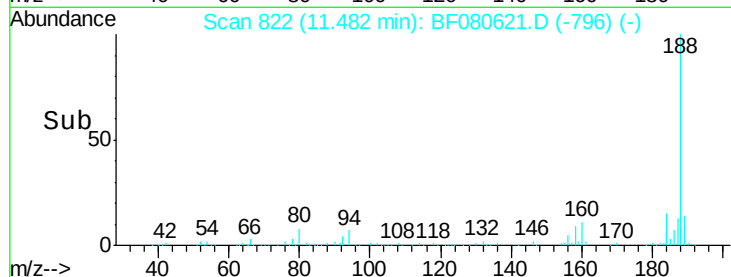
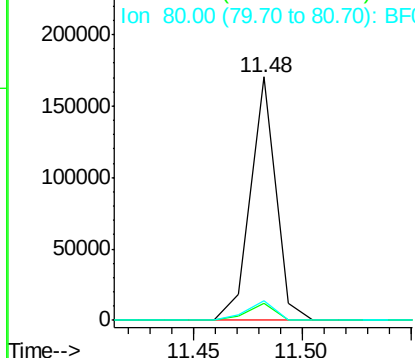
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.48 min Scan# 822
Delta R.T. 0.00 min
Lab File: BF080621.D
Acq: 24 Jul 2015 5:52

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-003-B

Tgt Ion:188 Resp: 137990
Ion Ratio Lower Upper
188 100
94 7.1 6.1 9.1
80 8.0 7.0 10.6

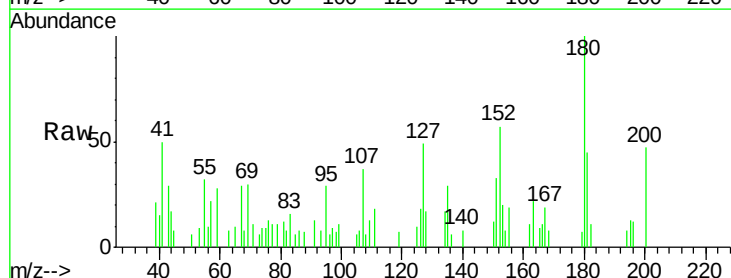


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

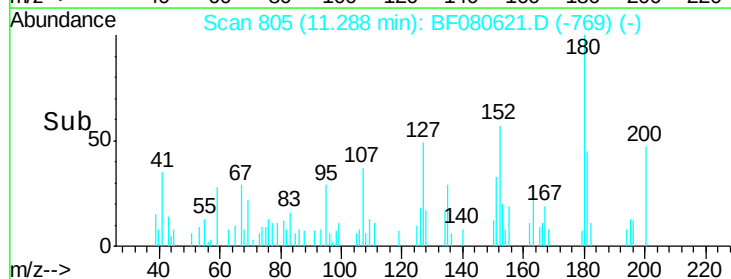
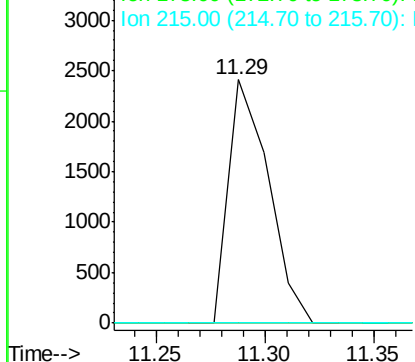


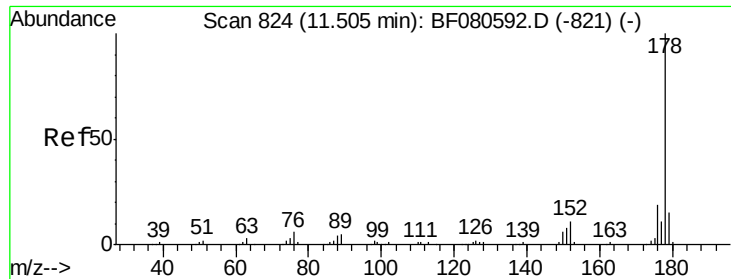
#68
Atrazine
Concen: 2.48 ng
RT: 11.29 min Scan# 805
Delta R.T. 0.11 min
Lab File: BF080621.D
Acq: 24 Jul 2015 5:52

Tgt Ion:200 Resp: 3090
Ion Ratio Lower Upper
200 100
173 0.0 4.6 44.6#
215 0.0 22.9 62.9#



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

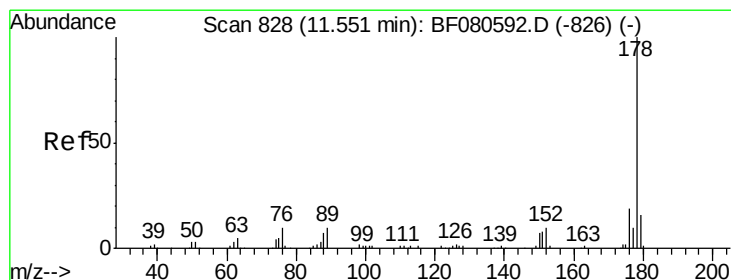
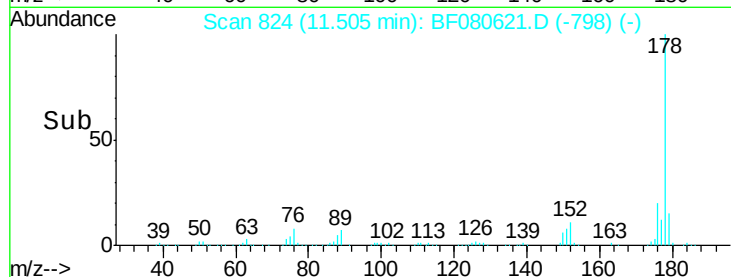
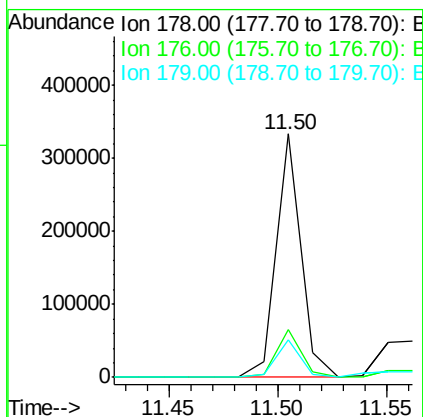
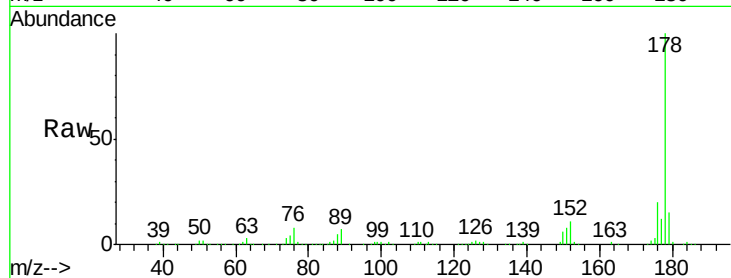




#70
Phenanthrene
Concen: 34.18 ng
RT: 11.50 min Scan# 824
Delta R.T. 0.00 min
Lab File: BF080621.D
Acq: 24 Jul 2015 5:52

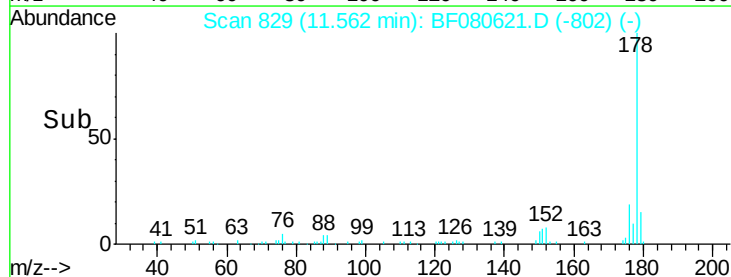
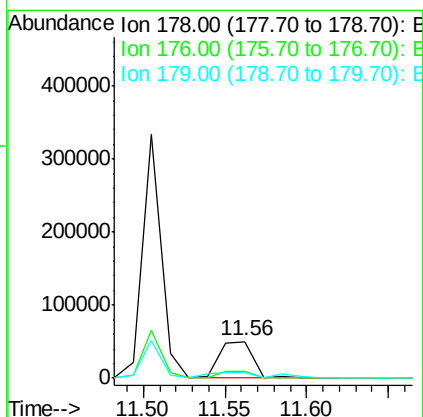
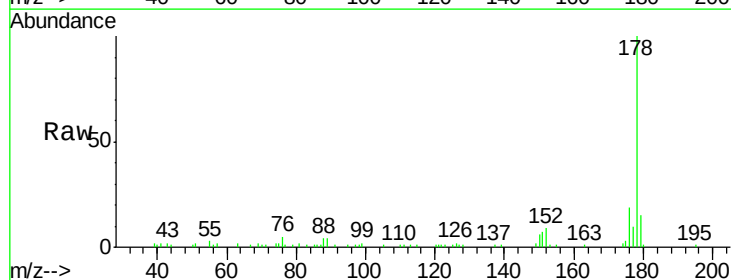
Instrument :
BNA_F
ClientSampleId :
FK-SF-03-003-B

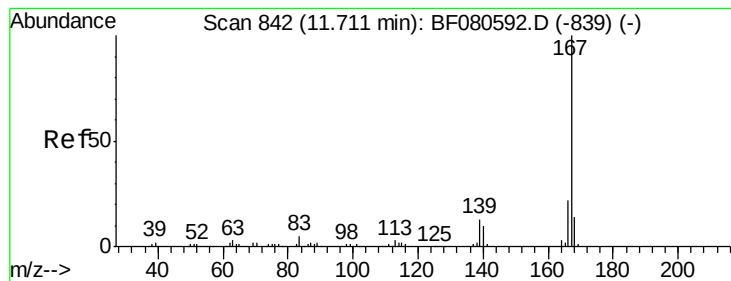
Tgt Ion:178 Resp: 266235
Ion Ratio Lower Upper
178 100
176 19.8 15.2 22.8
179 15.3 12.5 18.7



#71
Anthracene
Concen: 9.79 ng
RT: 11.56 min Scan# 829
Delta R.T. 0.01 min
Lab File: BF080621.D
Acq: 24 Jul 2015 5:52

Tgt Ion:178 Resp: 71421
Ion Ratio Lower Upper
178 100
176 18.7 15.1 22.7
179 14.7 12.0 18.0





#72

Carbazole

Concen: 4.51 ng

RT: 11.71 min Scan# 842

Delta R.T. 0.00 min

Lab File: BF080621.D

Acq: 24 Jul 2015 5:52

Instrument :

BNA_F

ClientSampleId :

FK-SF-03-003-B

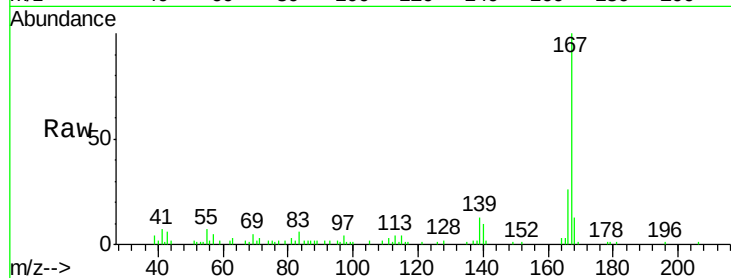
Tgt Ion:167 Resp: 28463

Ion Ratio Lower Upper

167 100

166 25.9 18.1 27.1

139 13.4 10.7 16.1

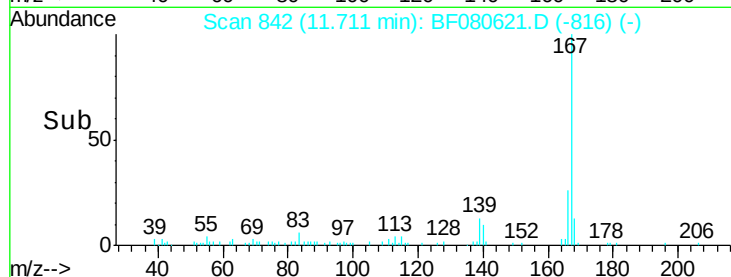


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

Time-->



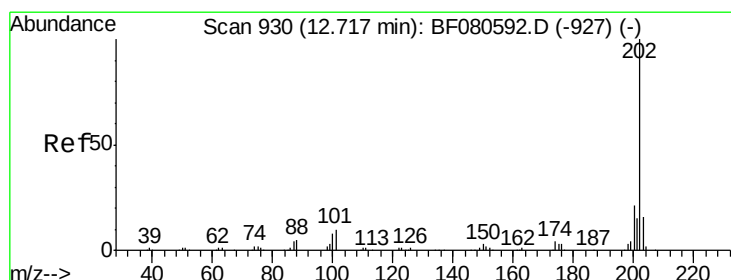
Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

Time-->



#74

Fluoranthene

Concen: 51.45 ng

RT: 12.71 min Scan# 929

Delta R.T. 0.01 min

Lab File: BF080621.D

Acq: 24 Jul 2015 5:52

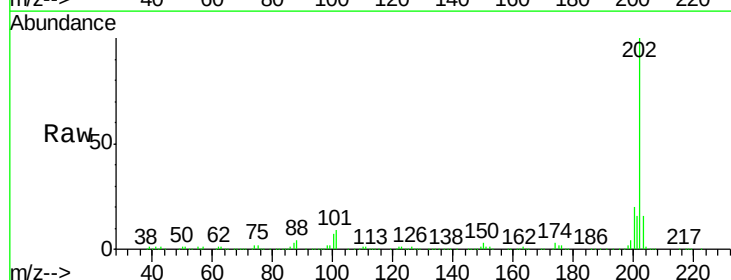
Tgt Ion:202 Resp: 358587

Ion Ratio Lower Upper

202 100

101 8.8 0.0 31.1

203 16.4 0.0 37.5

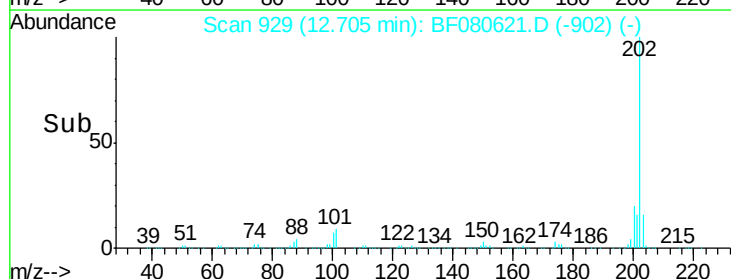


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

Time-->



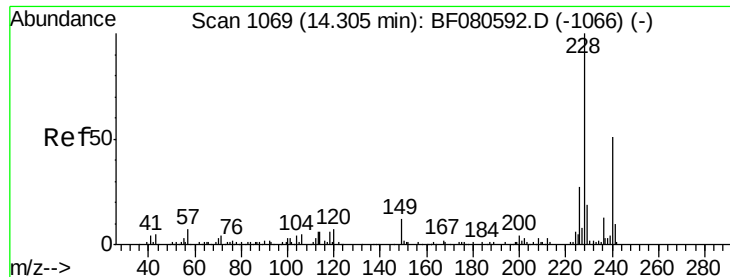
Abundance

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

Time-->



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.24 min Scan# 1063

Delta R.T. 0.06 min

Lab File: BF080621.D

Acq: 24 Jul 2015 5:52

Instrument :

BNA_F

ClientSampleId :

FK-SF-03-003-B

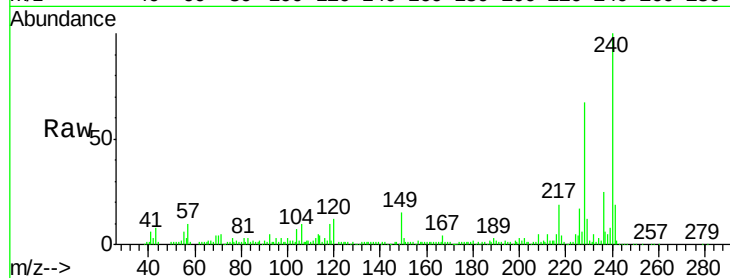
Tgt Ion:240 Resp: 169128

Ion Ratio Lower Upper

240 100

120 12.2 9.9 14.9

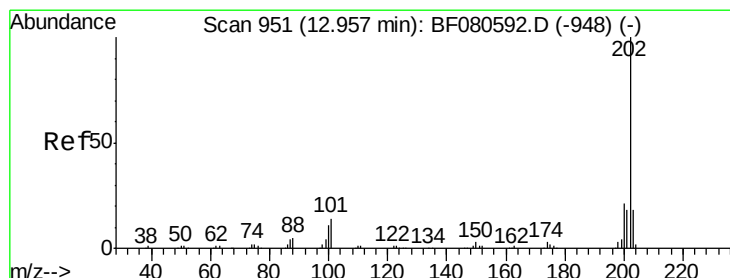
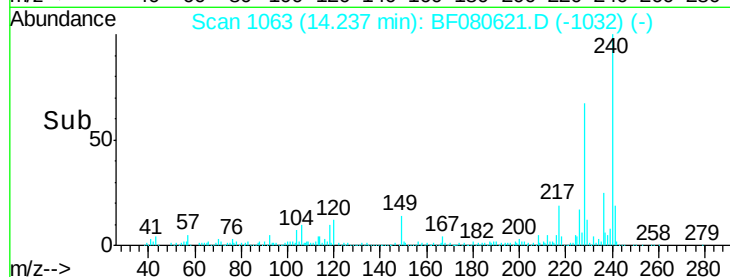
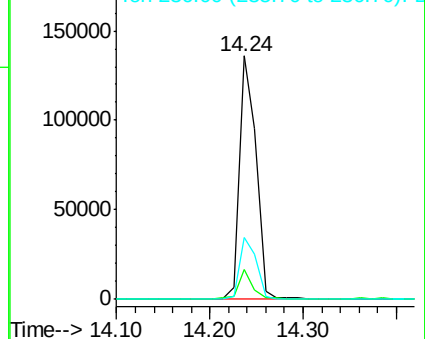
236 25.4 19.1 28.7



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

Pyrene

Concen: 25.52 ng

RT: 12.95 min Scan# 950

Delta R.T. 0.02 min

Lab File: BF080621.D

Acq: 24 Jul 2015 5:52

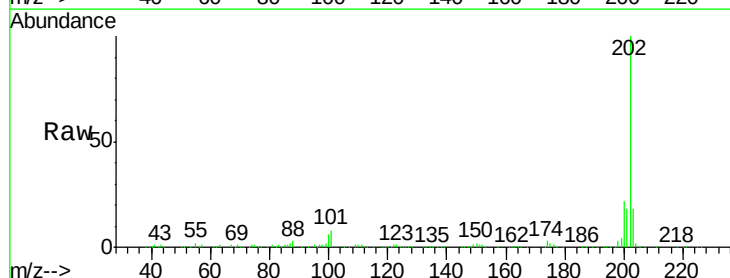
Tgt Ion:202 Resp: 289541

Ion Ratio Lower Upper

202 100

200 22.1 16.9 25.3

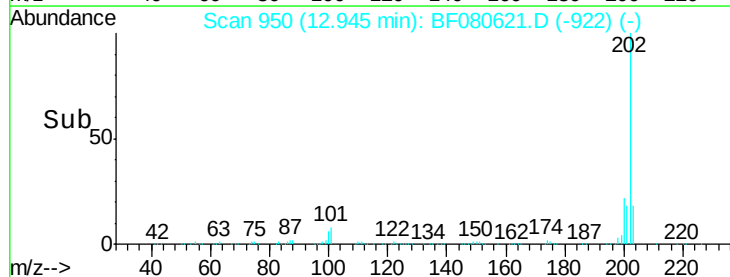
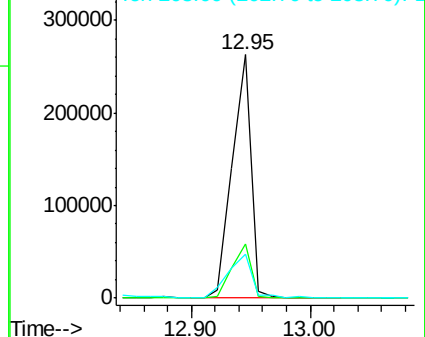
203 18.0 14.5 21.7

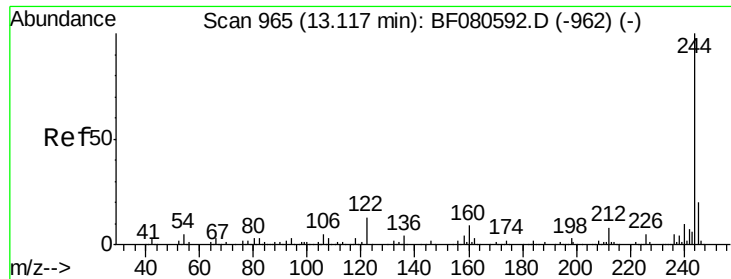


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

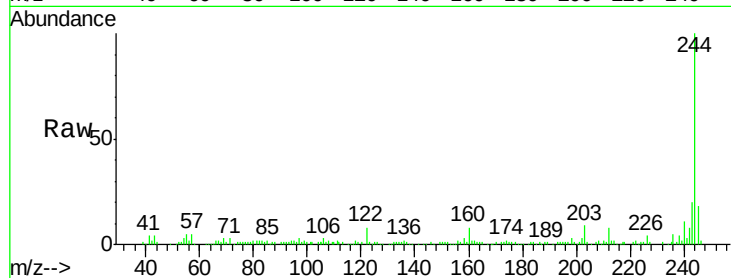




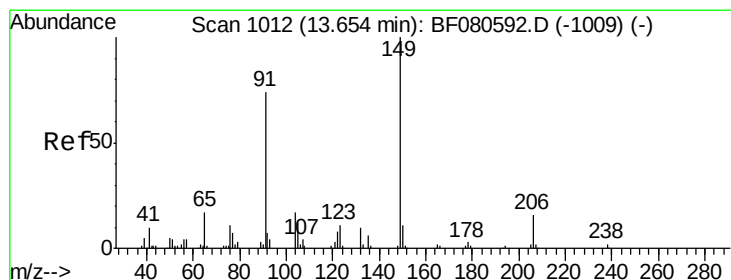
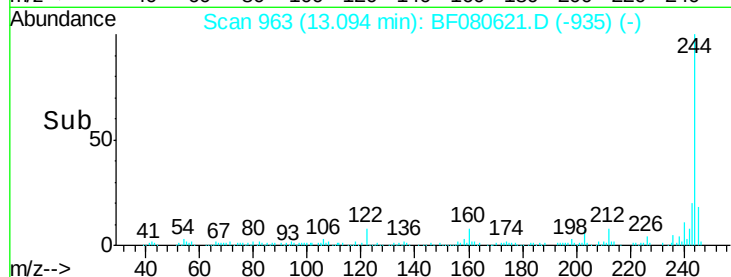
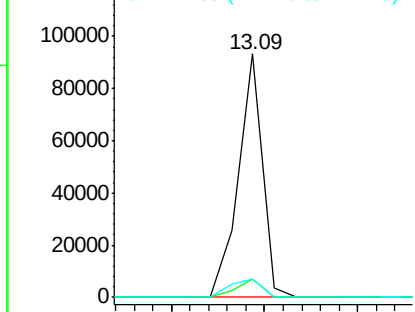
#78
 Terphenyl-d14
 Concen: 10.44 ng
 RT: 13.09 min Scan# 963
 Delta R.T. 0.02 min
 Lab File: BF080621.D
 Acq: 24 Jul 2015 5:52

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-03-003-B

Tgt Ion:244 Resp: 84373
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.0 9.0
 122 7.5 8.2 12.2#

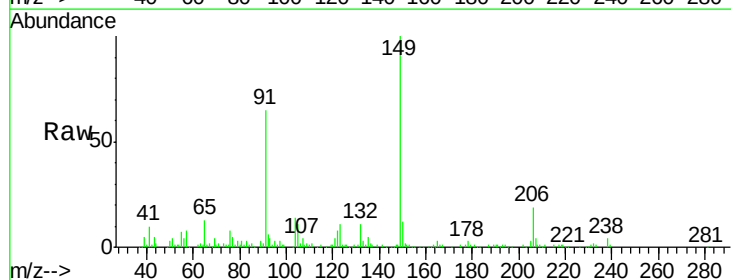


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

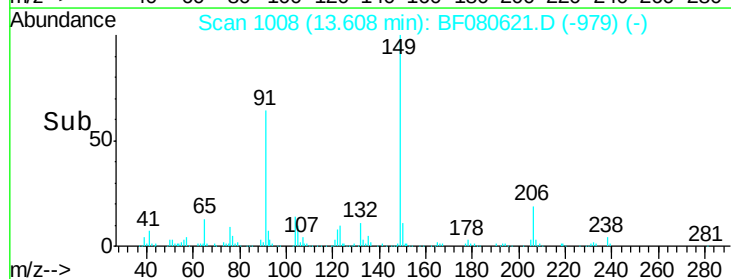
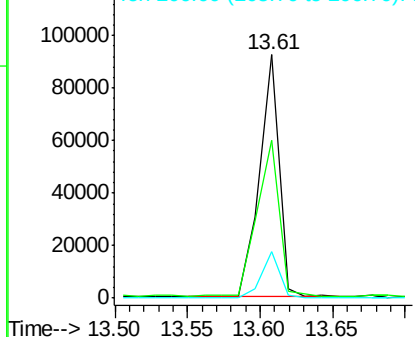


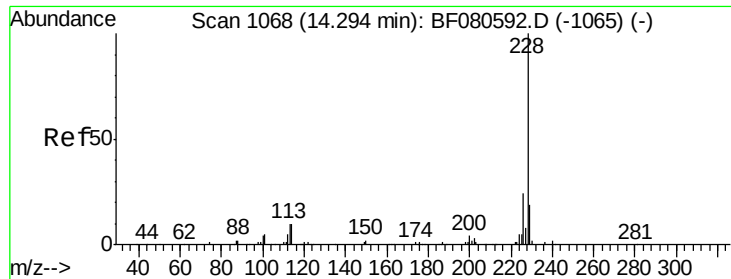
#79
 Butylbenzylphthalate
 Concen: 24.39 ng
 RT: 13.61 min Scan# 1008
 Delta R.T. 0.03 min
 Lab File: BF080621.D
 Acq: 24 Jul 2015 5:52

Tgt Ion:149 Resp: 87468
 Ion Ratio Lower Upper
 149 100
 91 65.0 53.0 79.6
 206 19.1 15.0 22.6



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 91.00 (90.70 to 91.70): BF0
 Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 18.58 ng

RT: 14.23 min Scan# 1062

Delta R.T. 0.06 min

Lab File: BF080621.D

Acq: 24 Jul 2015 5:52

Instrument :

BNA_F

ClientSampleId :

FK-SF-03-003-B

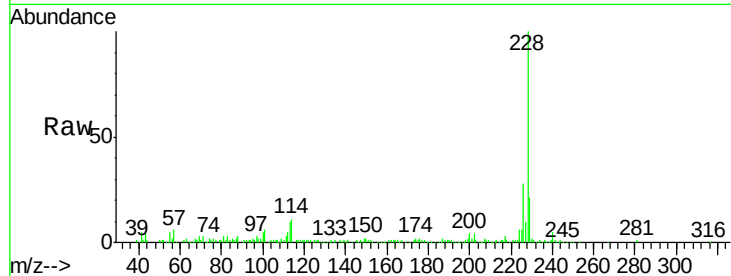
Tgt Ion:228 Resp: 177242

Ion Ratio Lower Upper

228 100

226 27.9 22.0 33.0

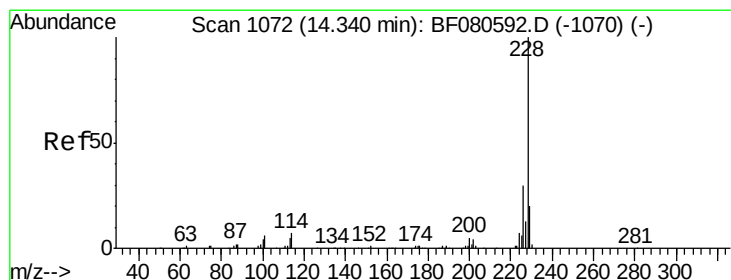
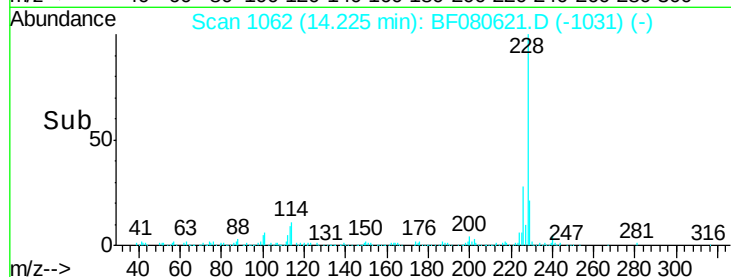
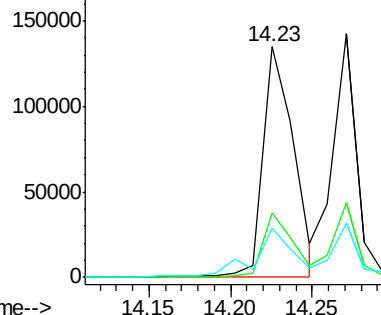
229 21.0 15.7 23.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

Chrysene

Concen: 15.09 ng

RT: 14.27 min Scan# 1066

Delta R.T. 0.06 min

Lab File: BF080621.D

Acq: 24 Jul 2015 5:52

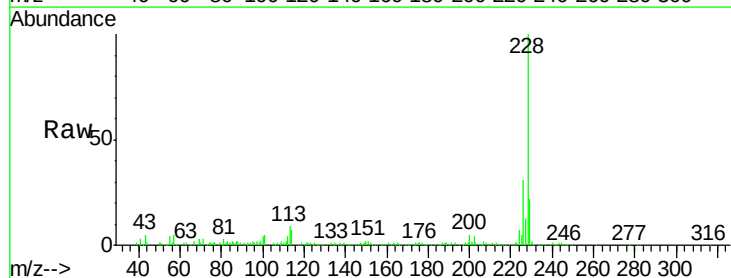
Tgt Ion:228 Resp: 143172

Ion Ratio Lower Upper

228 100

226 30.7 23.0 34.6

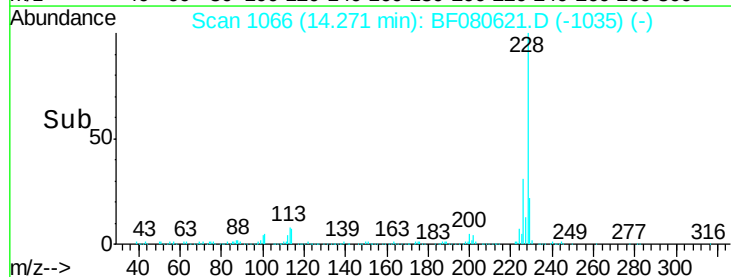
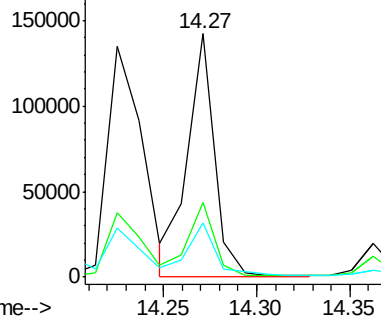
229 22.0 15.0 22.4

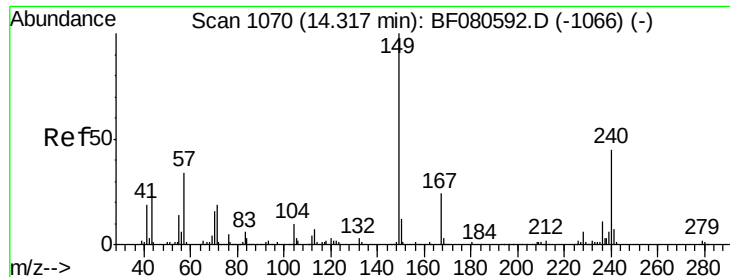


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 3.80 ng

RT: 14.24 min Scan# 1063

Delta R.T. 0.06 min

Lab File: BF080621.D

Acq: 24 Jul 2015 5:52

Instrument :

BNA_F

ClientSampleId :

FK-SF-03-003-B

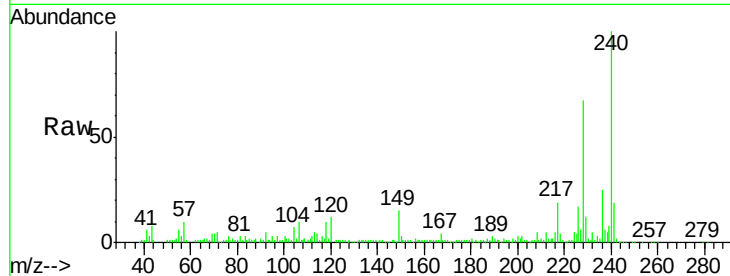
Tgt Ion:149 Resp: 21080

Ion Ratio Lower Upper

149 100

167 26.8 20.2 30.2

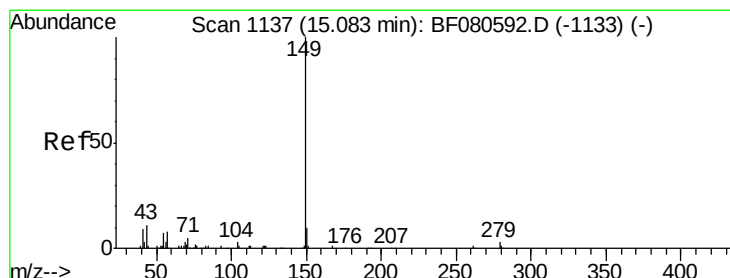
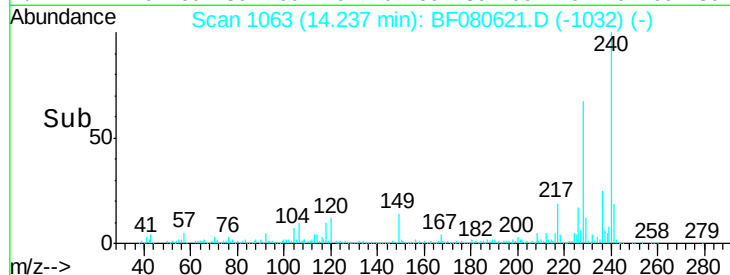
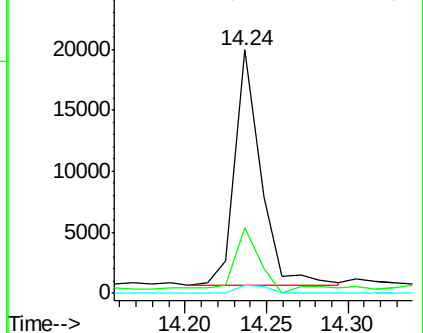
279 3.4 2.0 3.0#



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



#84

Di-n-octyl phthalate

Concen: 6.63 ng

RT: 14.97 min Scan# 1127

Delta R.T. 0.10 min

Lab File: BF080621.D

Acq: 24 Jul 2015 5:52

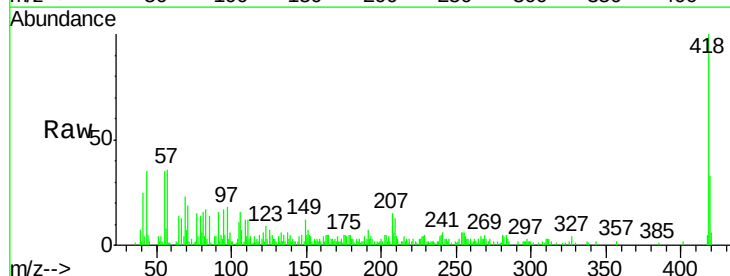
Tgt Ion:149 Resp: 6281

Ion Ratio Lower Upper

149 100

167 25.9 1.2 1.8#

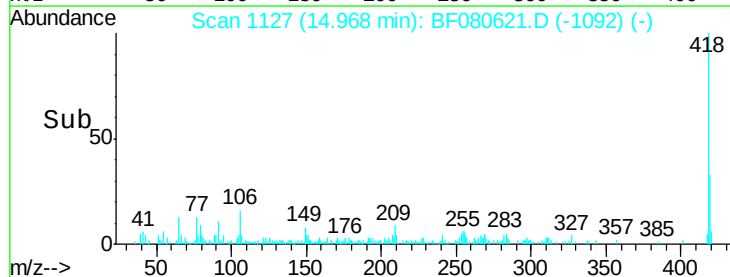
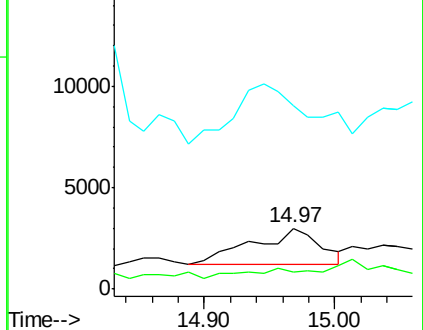
43 0.0 12.5 18.7#

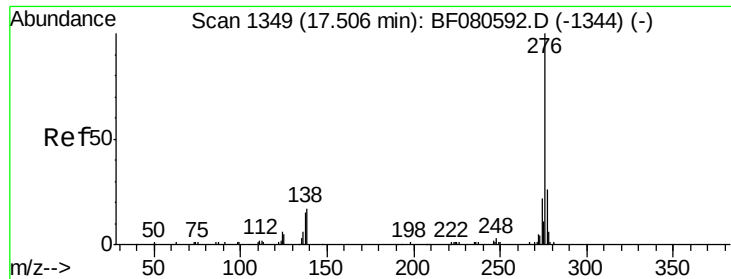


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

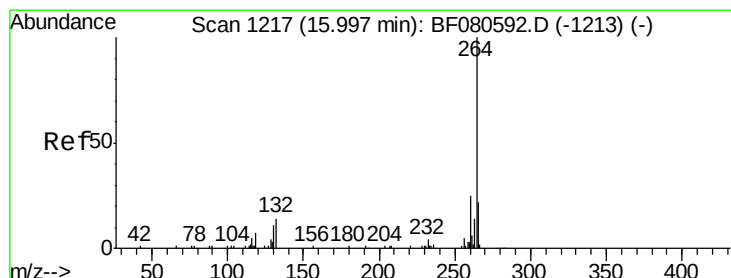
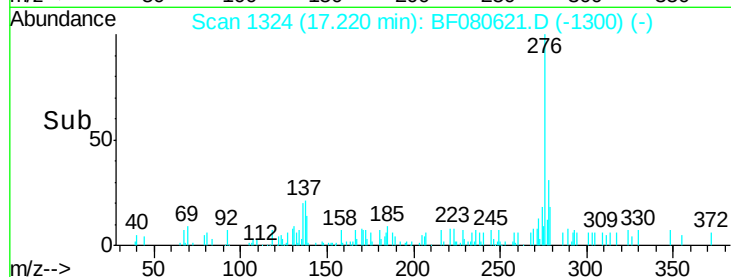
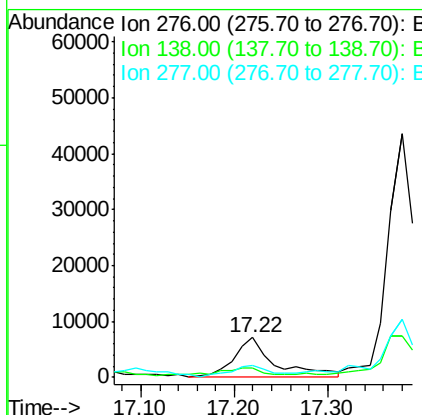
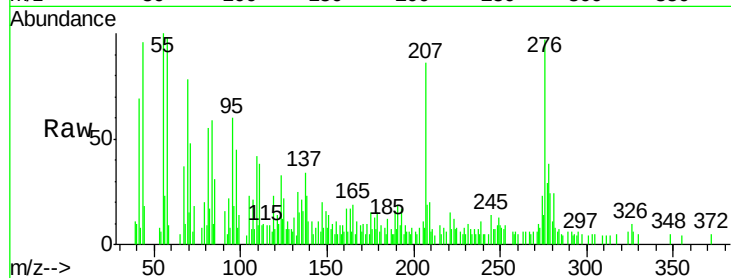




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 3.07 ng
 RT: 17.22 min Scan# 1324
 Delta R.T. -0.02 min
 Lab File: BF080621.D
 Acq: 24 Jul 2015 5:52

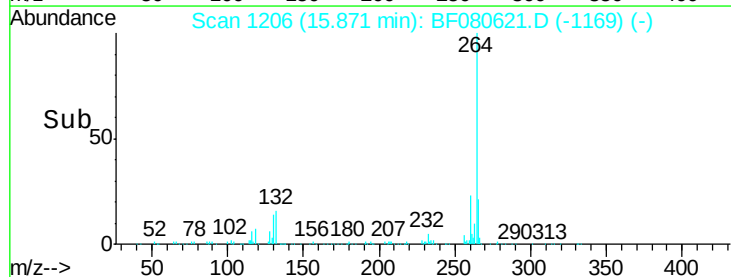
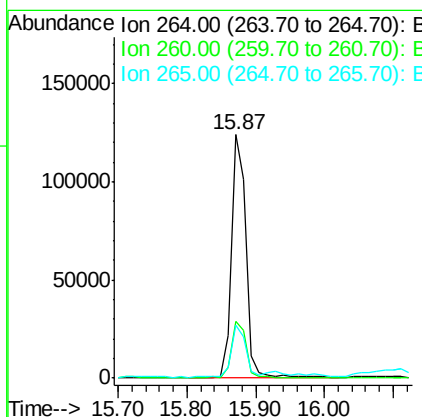
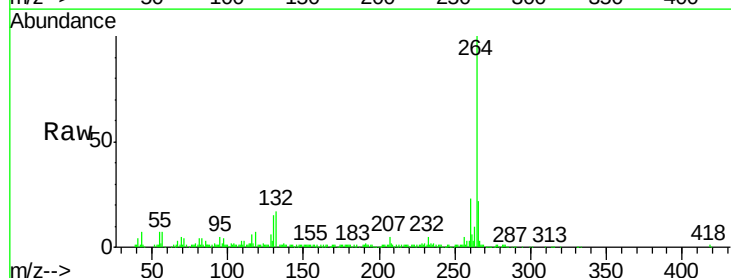
Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-03-003-B

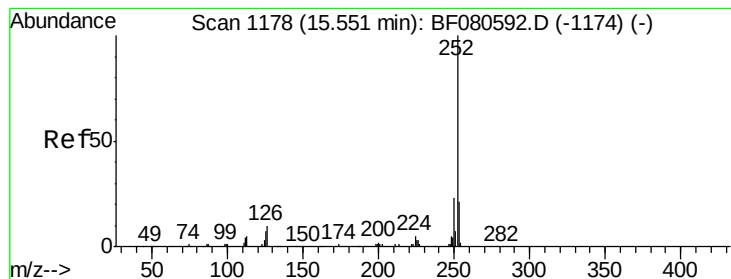
Tgt Ion: 276 Resp: 22067
 Ion Ratio Lower Upper
 276 100
 138 19.8 18.9 28.3
 277 29.1 19.9 29.9



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.87 min Scan# 1206
 Delta R.T. 0.13 min
 Lab File: BF080621.D
 Acq: 24 Jul 2015 5:52

Tgt Ion: 264 Resp: 186621
 Ion Ratio Lower Upper
 264 100
 260 23.0 17.8 26.8
 265 21.5 15.6 23.4





#87

Benzo(b)fluoranthene

Concen: 21.80 ng

RT: 15.44 min Scan# 1168

Delta R.T. 0.13 min

Lab File: BF080621.D

Acq: 24 Jul 2015 5:52

Instrument :

BNA_F

ClientSampleId :

FK-SF-03-003-B

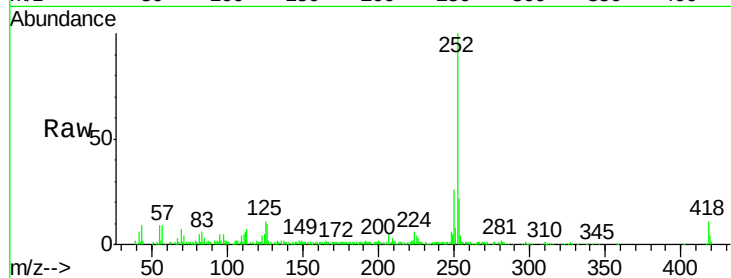
Tgt Ion:252 Resp: 247398

Ion Ratio Lower Upper

252 100

253 21.9 16.6 25.0

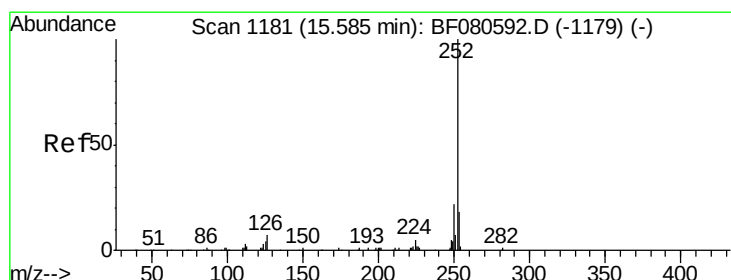
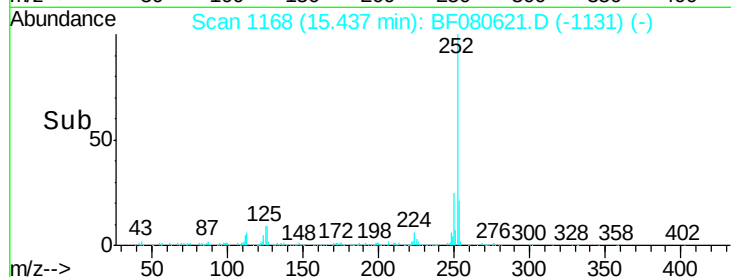
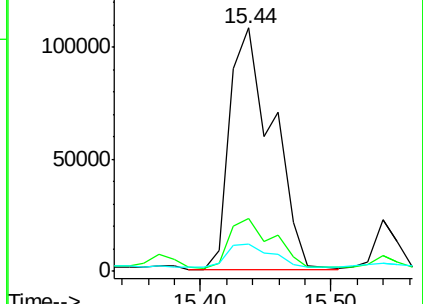
125 11.0 6.1 9.1#



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



#88

Benzo(k)fluoranthene

Concen: 21.90 ng

RT: 15.44 min Scan# 1168

Delta R.T. 0.09 min

Lab File: BF080621.D

Acq: 24 Jul 2015 5:52

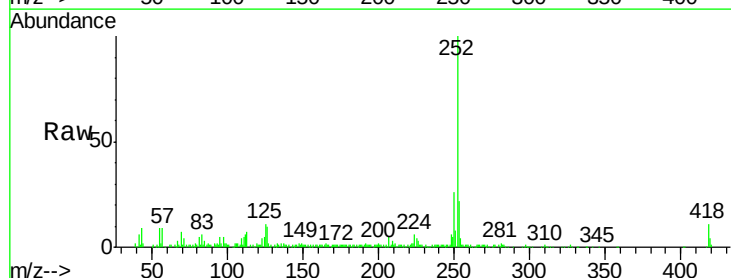
Tgt Ion:252 Resp: 247398

Ion Ratio Lower Upper

252 100

253 21.9 17.0 25.6

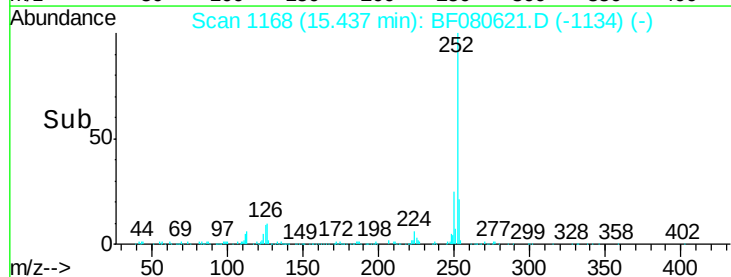
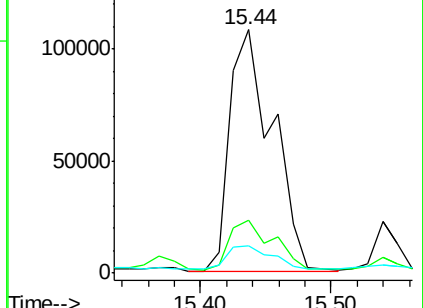
125 11.0 8.6 13.0

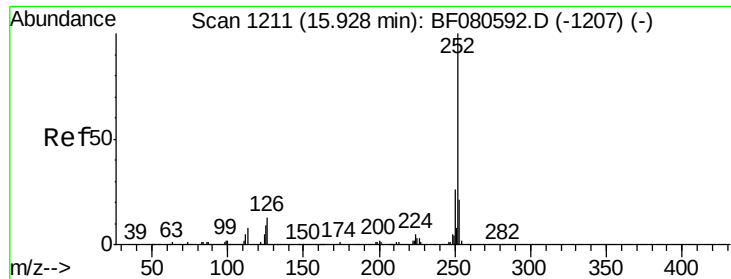


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

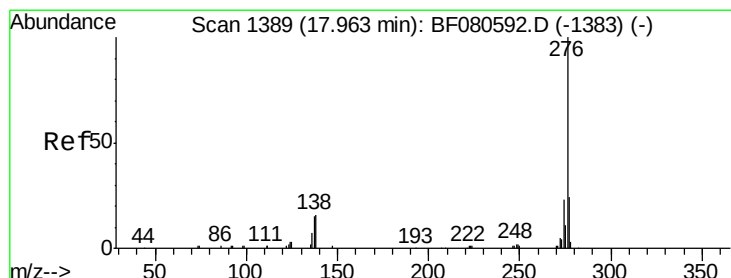
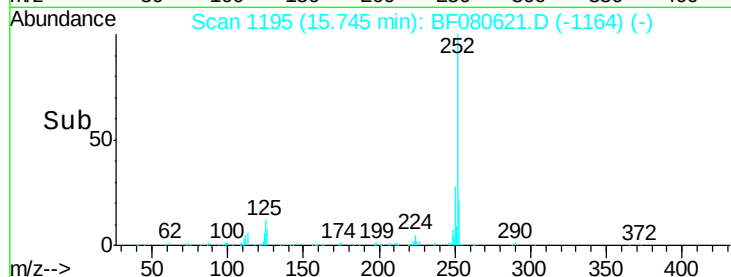
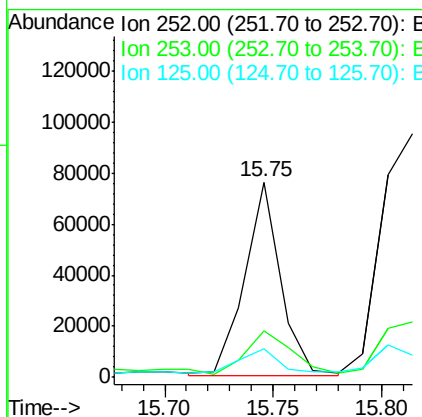
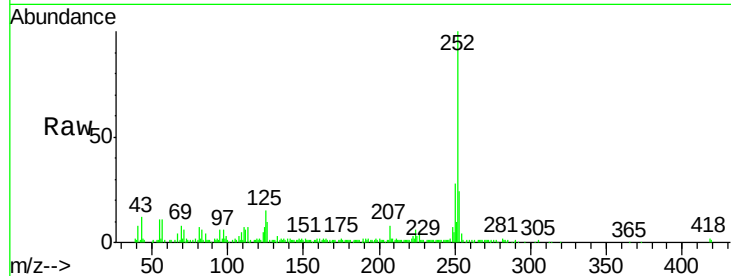




#89
Benzo(a)pyrene
Concen: 8.61 ng
RT: 15.75 min Scan# 1195
Delta R.T. 0.06 min
Lab File: BF080621.D
Acq: 24 Jul 2015 5:52

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-003-B

Tgt Ion: 252 Resp: 86739
Ion Ratio Lower Upper
252 100
253 23.8 19.0 28.6
125 14.6 11.2 16.8



#91
Benzo(g,h,i)perylene
Concen: 8.17 ng
RT: 17.83 min Scan# 1377
Delta R.T. 0.15 min
Lab File: BF080621.D
Acq: 24 Jul 2015 5:52

Tgt Ion: 276 Resp: 79391
Ion Ratio Lower Upper
276 100
277 27.2 18.0 27.0#
138 17.9 17.8 26.6

