

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071015\
 Data File : BF080424.D
 Acq On : 11 Jul 2015 9:21
 Operator : TP/UM
 Sample : G2935-01 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FILLSOURCE-2

Quant Time: Jul 13 01:04:39 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 11 05:35:30 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.14	152	21400	20.00	ng	-0.01
21) Naphthalene-d8	8.43	136	94810	20.00	ng	0.00
38) Acenaphthene-d10	10.19	164	48238	20.00	ng	0.00
63) Phenanthrene-d10	11.69	188	88057	20.00	ng	0.00
75) Chrysene-d12	14.60	240	89634	20.00	ng	0.07
86) Perylene-d12	16.40	264	87383	20.00	ng	0.11

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.79	112	11211	8.98	ng	0.00
7) Phenol-d6	6.80	99	26277	15.79	ng	0.00
23) Nitrobenzene-d5	7.71	82	16166	9.72	ng	0.00
41) 2,4,6-Tribromophenol	10.99	330	494	1.05	ng	0.00
44) 2-Fluorobiphenyl	9.50	172	42709	11.92	ng	0.00
78) Terphenyl-d14	13.35	244	45703	11.07	ng	0.02

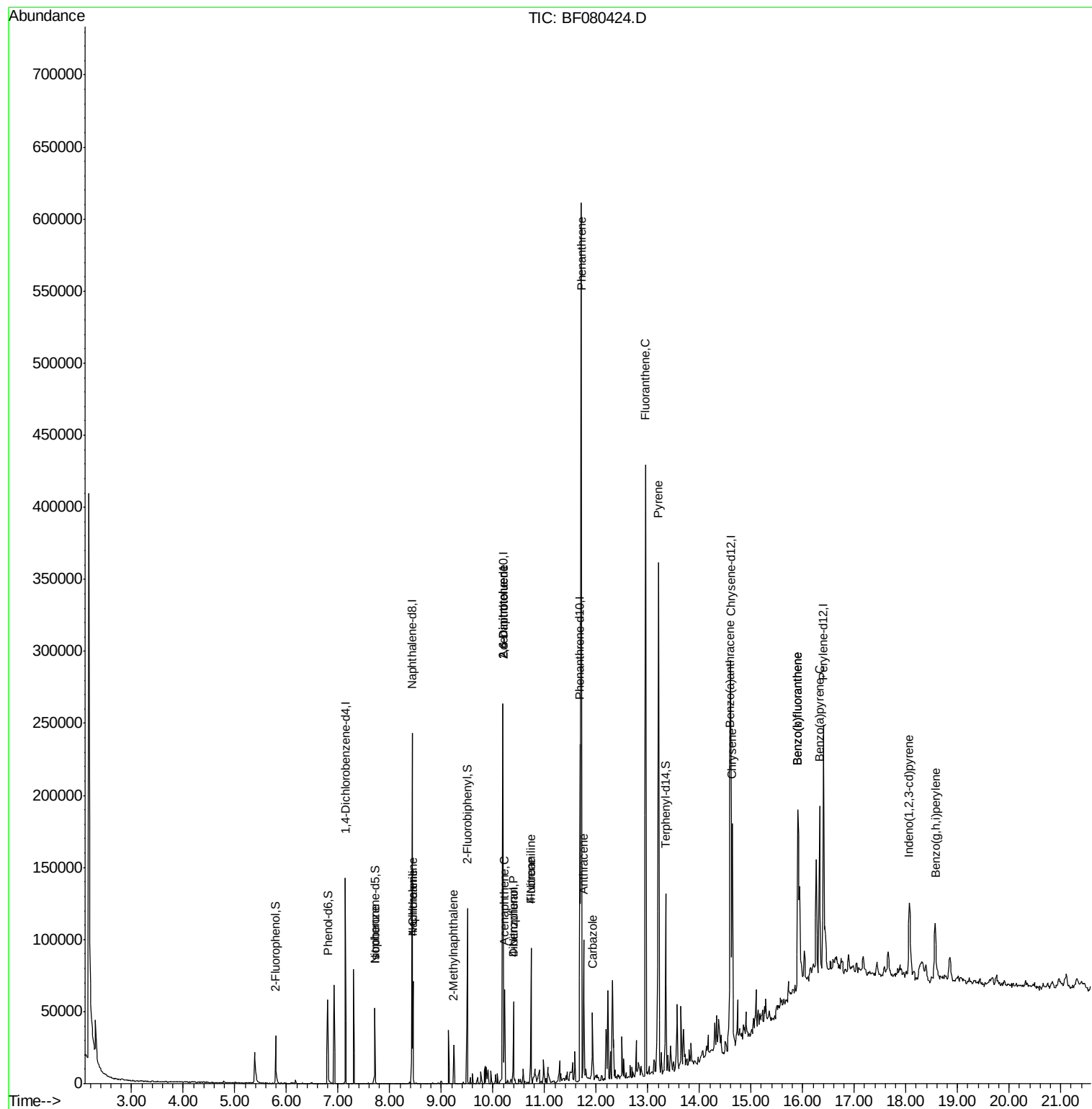
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
25) Isophorone	7.71	82	14533	4.88	ng	# 73
31) Naphthalene	8.45	128	29710	5.73	ng	98
33) 4-Chloroaniline	8.45	127	3940	2.24	ng	# 34
37) 2-Methylnaphthalene	9.24	142	7398	2.16	ng	100
50) 2,6-Dinitrotoluene	10.19	165	6825	8.34	ng	# 24
51) Acenaphthene	10.22	154	13933	4.13	ng	98
54) Dibenzofuran	10.40	168	22524	5.04	ng	93
55) 4-Nitrophenol	10.40	139	8373	17.10	ng	# 1
56) 2,4-Dinitrotoluene	10.19	165	6825	7.13	ng	# 9
57) Fluorene	10.74	166	25118	6.67	ng	99
61) 4-Nitroaniline	10.74	138	259	2.71	ng	# 15
70) Phenanthrene	11.71	178	219922	41.57	ng	100
71) Anthracene	11.76	178	52383	10.69	ng	96
72) Carbazole	11.93	167	19626	4.34	ng	98
74) Fluoranthene	12.96	202	190961	34.81	ng	99
77) Pyrene	13.21	202	156154	27.19	ng	99
80) Benzo(a)anthracene	14.59	228	75611	13.39	ng	98
82) Chrysene	14.64	228	64777	12.45	ng	97
85) Indeno(1,2,3-cd)pyrene	18.07	276	33913	5.25	ng	97
87) Benzo(b)fluoranthene	15.91	252	106297	17.51	ng	98
88) Benzo(k)fluoranthene	15.91	252	106297	21.42	ng	# 97
89) Benzo(a)pyrene	16.33	252	56111	10.55	ng	# 95
91) Benzo(g,h,i)perylene	18.57	276	33885	6.47	ng	99

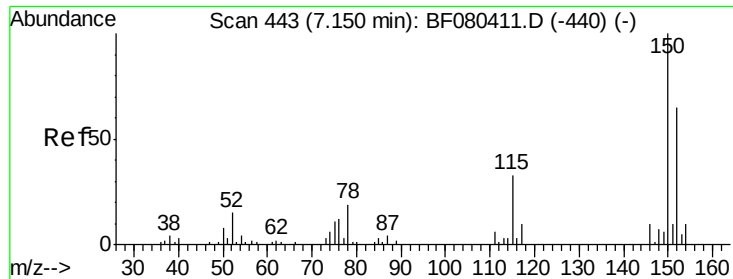
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071015\
Data File : BF080424.D
Acq On : 11 Jul 2015 9:21
Operator : TP/UM
Sample : G2935-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FILLSOURCE-2

Quant Time: Jul 13 01:04:39 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 11 05:35:30 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.14 min Scan# 442

Delta R.T. -0.01 min

Lab File: BF080424.D

Acq: 11 Jul 2015 9:21

Instrument :

BNA_F

ClientSampleId :

FILLSOURCE-2

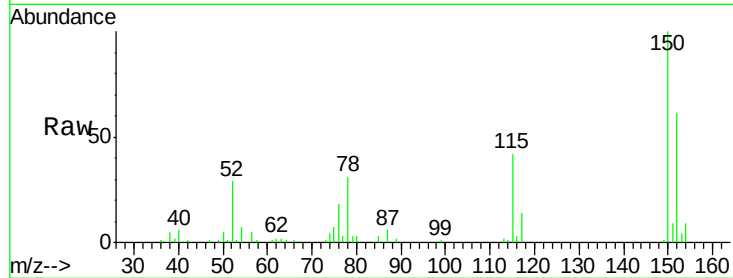
Tgt Ion:152 Resp: 21400

Ion Ratio Lower Upper

152 100

150 163.7 122.3 183.5

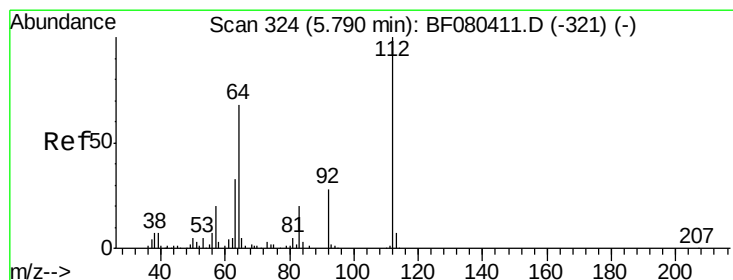
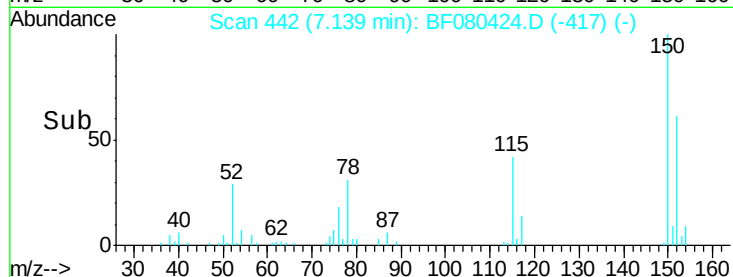
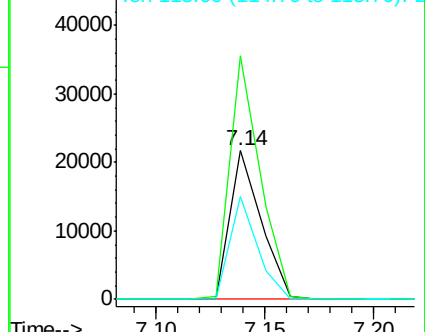
115 68.7 41.0 61.4#



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: 8.98 ng

RT: 5.79 min Scan# 324

Delta R.T. 0.00 min

Lab File: BF080424.D

Acq: 11 Jul 2015 9:21

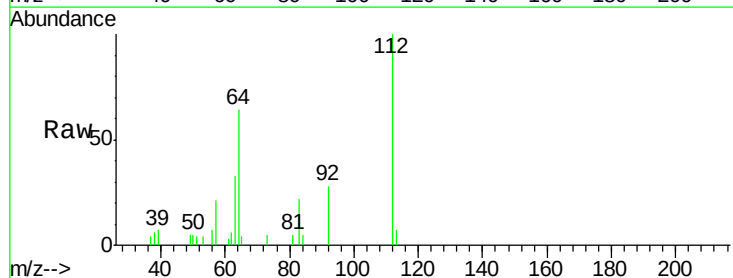
Tgt Ion:112 Resp: 11211

Ion Ratio Lower Upper

112 100

64 63.9 54.3 81.5

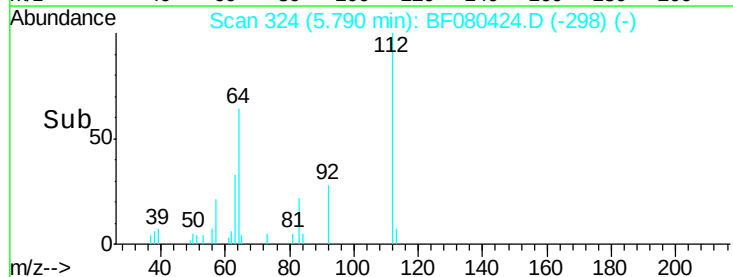
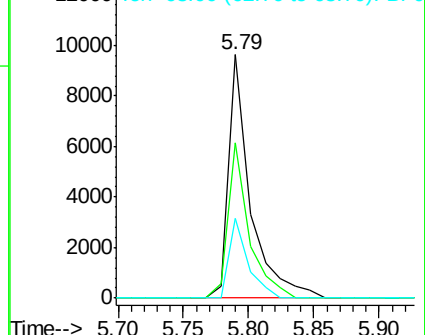
63 32.6 26.7 40.1

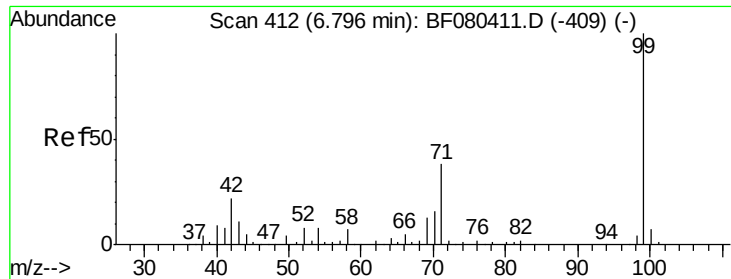


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 15.79 ng

RT: 6.80 min Scan# 412

Delta R.T. 0.00 min

Lab File: BF080424.D

Acq: 11 Jul 2015 9:21

Instrument :

BNA_F

ClientSampleId :

FILLSOURCE-2

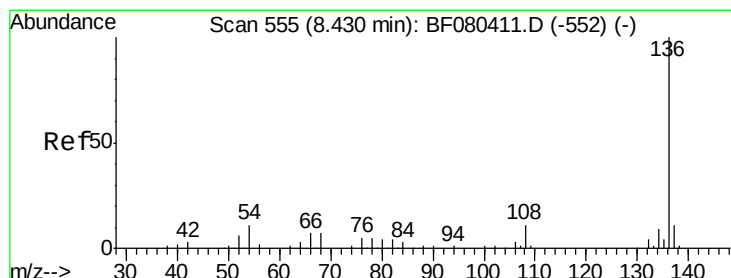
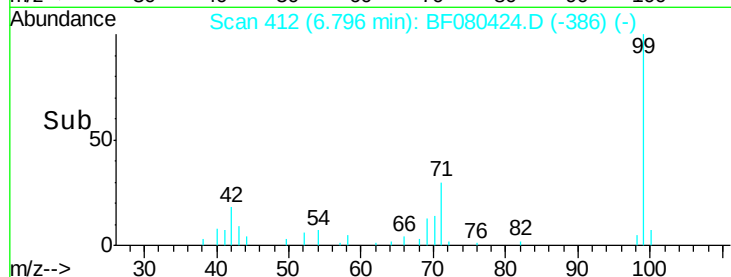
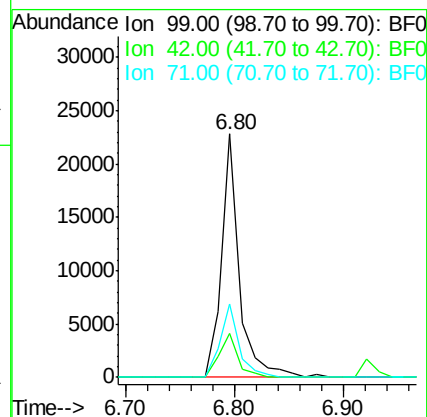
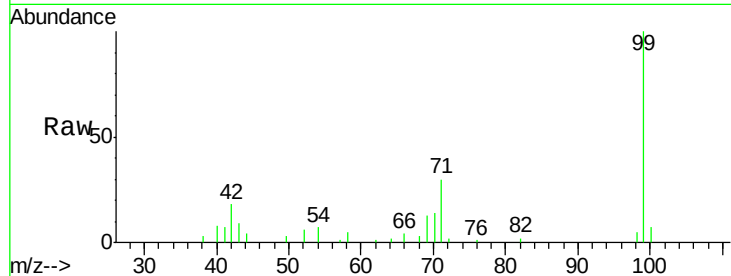
Tgt Ion: 99 Resp: 26277

Ion Ratio Lower Upper

99 100

42 17.9 17.9 26.9#

71 30.1 30.1 45.1#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.43 min Scan# 555

Delta R.T. 0.00 min

Lab File: BF080424.D

Acq: 11 Jul 2015 9:21

Tgt Ion: 136 Resp: 94810

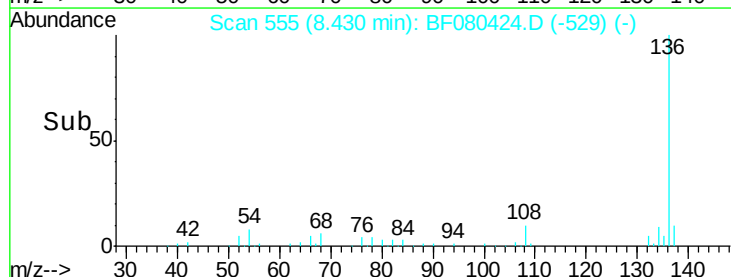
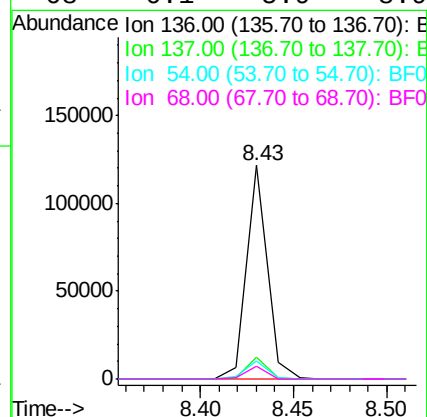
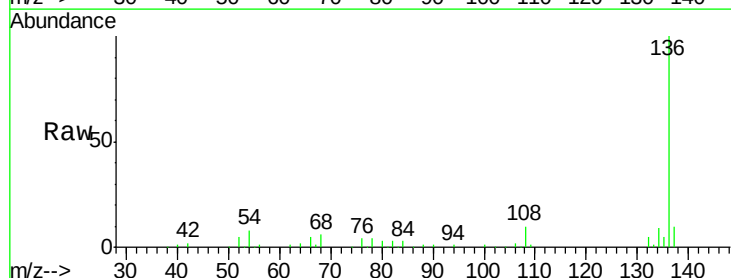
Ion Ratio Lower Upper

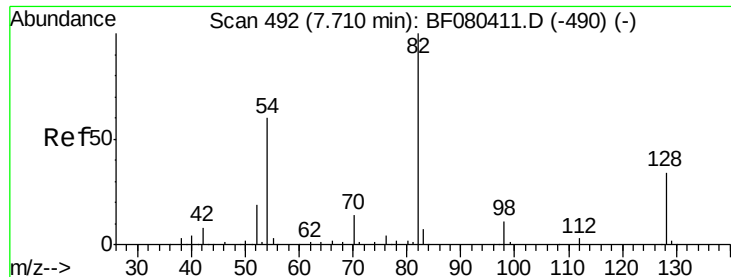
136 100

137 10.4 9.0 13.4

54 8.4 9.1 13.7#

68 6.1 5.9 8.9

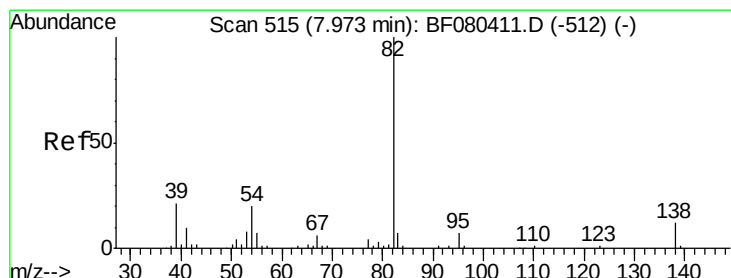
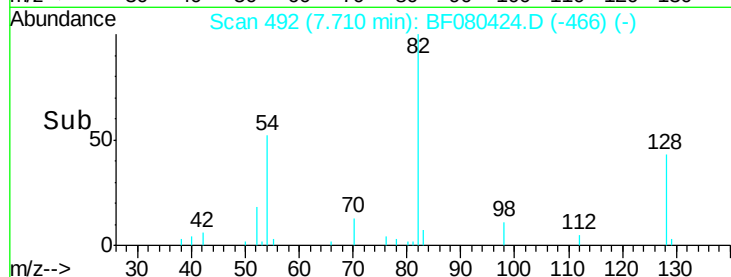
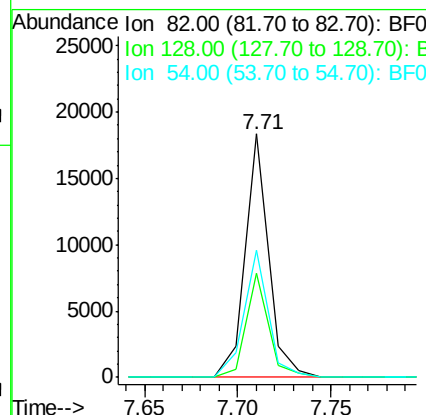
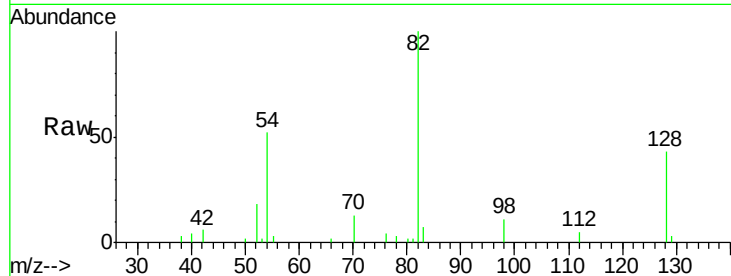




#23
 Nitrobenzene-d5
 Concen: 9.72 ng
 RT: 7.71 min Scan# 492
 Delta R.T. 0.00 min
 Lab File: BF080424.D
 Acq: 11 Jul 2015 9:21

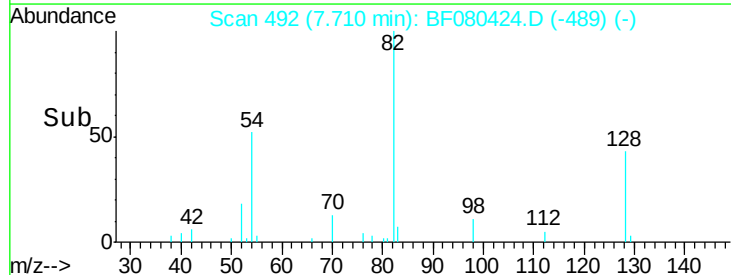
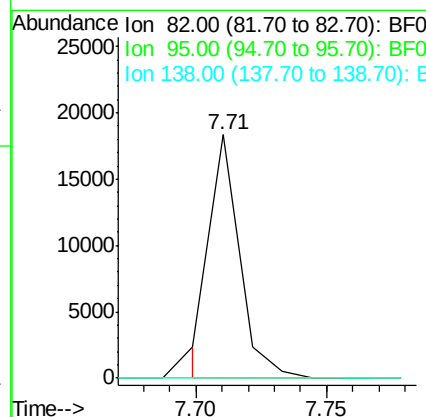
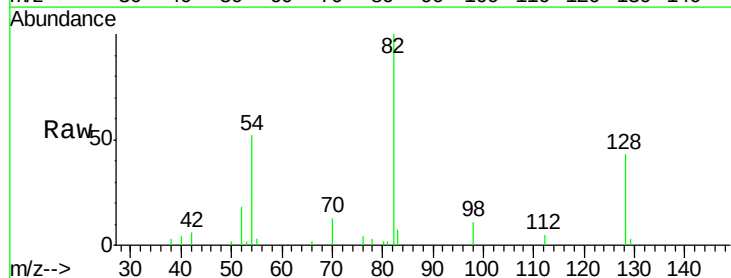
Instrument :
 BNA_F
 ClientSampleId :
 FILLSOURCE-2

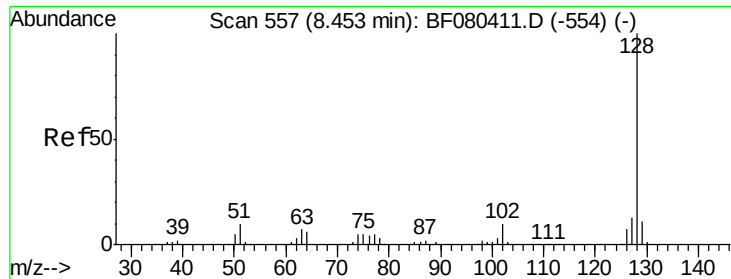
Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.8	26.9	40.3#
54	52.0	47.7	71.5



#25
 Isophorone
 Concen: 4.88 ng
 RT: 7.71 min Scan# 492
 Delta R.T. -0.26 min
 Lab File: BF080424.D
 Acq: 11 Jul 2015 9:21

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.2#
138	0.0	9.5	14.3#

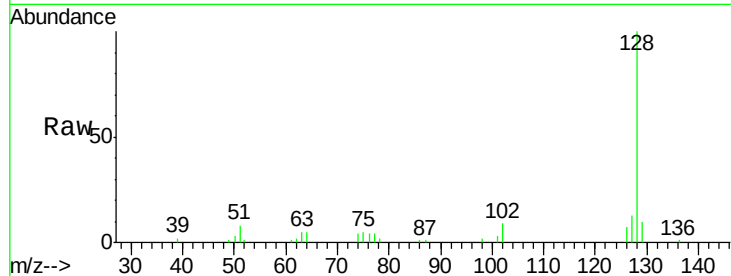




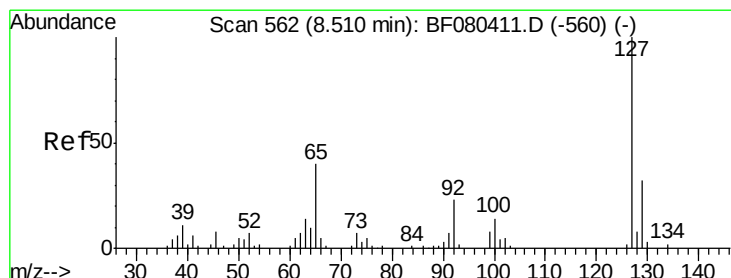
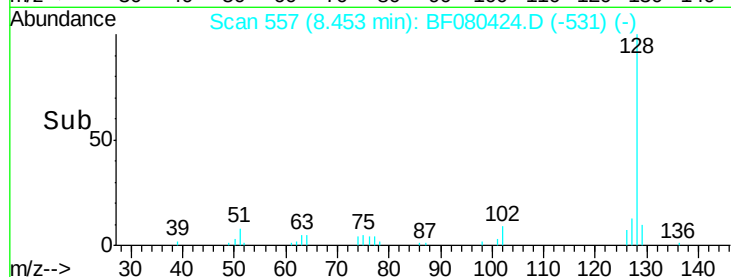
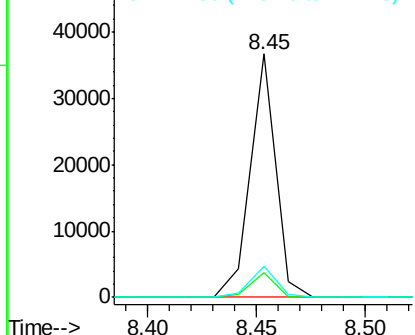
#31
Naphthalene
Concen: 5.73 ng
RT: 8.45 min Scan# 557
Delta R.T. 0.00 min
Lab File: BF080424.D
Acq: 11 Jul 2015 9:21

Instrument :
BNA_F
ClientSampleId :
FILLSOURCE-2

Tgt Ion:128 Resp: 29710
Ion Ratio Lower Upper
128 100
129 9.9 9.1 13.7
127 13.0 10.7 16.1

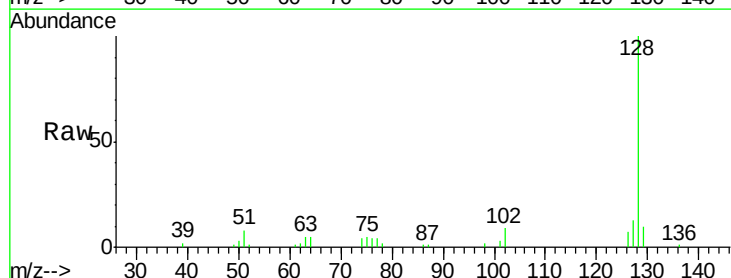


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

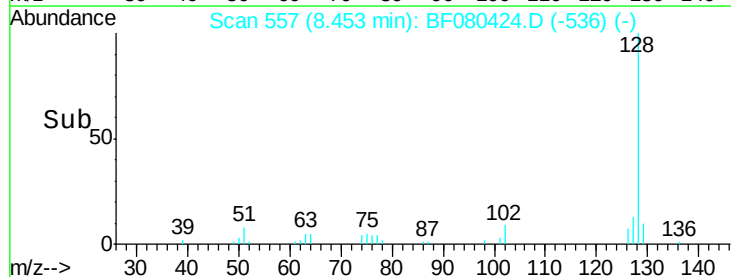
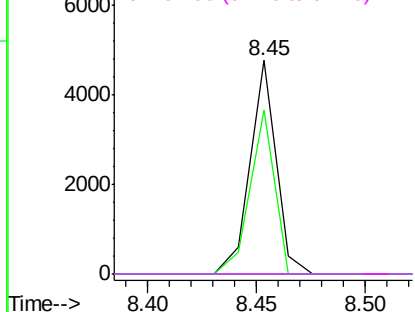


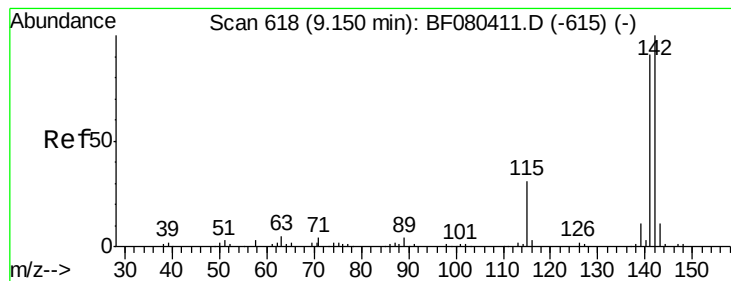
#33
4-Chloroaniline
Concen: 2.24 ng
RT: 8.45 min Scan# 557
Delta R.T. -0.06 min
Lab File: BF080424.D
Acq: 11 Jul 2015 9:21

Tgt Ion:127 Resp: 3940
Ion Ratio Lower Upper
127 100
129 76.5 25.5 38.3#
65 0.0 31.8 47.8#
92 0.0 18.4 27.6#



Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0





#37

2-Methylnaphthalene

Concen: 2.16 ng

RT: 9.24 min Scan# 626

Delta R.T. 0.09 min

Lab File: BF080424.D

Acq: 11 Jul 2015 9:21

Instrument :

BNA_F

ClientSampleId :

FILLSOURCE-2

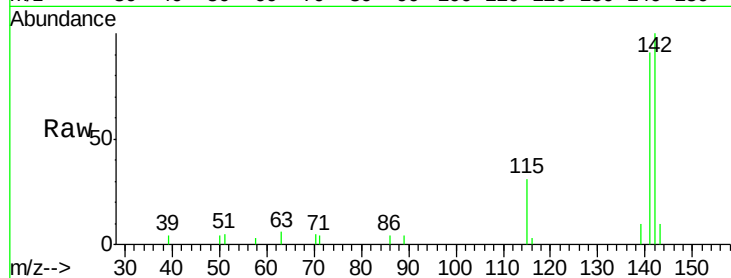
Tgt Ion:142 Resp: 7398

Ion Ratio Lower Upper

142 100

141 91.5 73.0 109.4

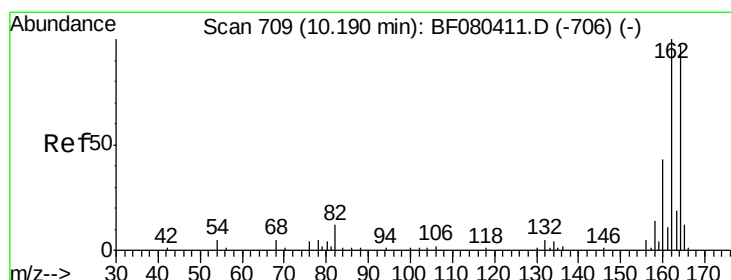
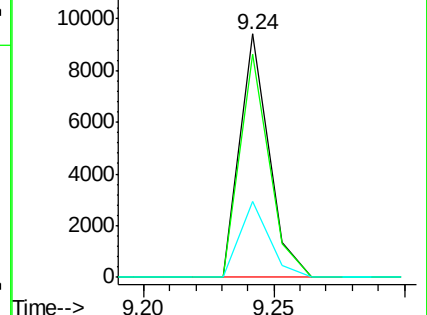
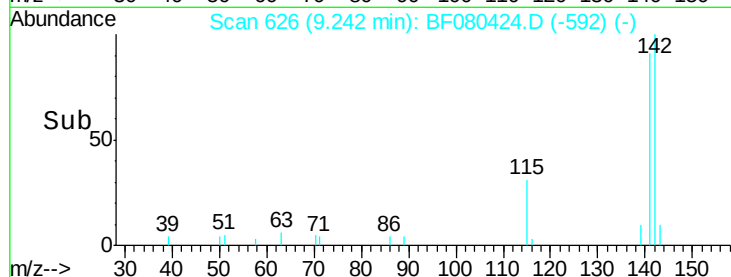
115 31.4 25.0 37.4



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: 10.19 min Scan# 709

Delta R.T. 0.00 min

Lab File: BF080424.D

Acq: 11 Jul 2015 9:21

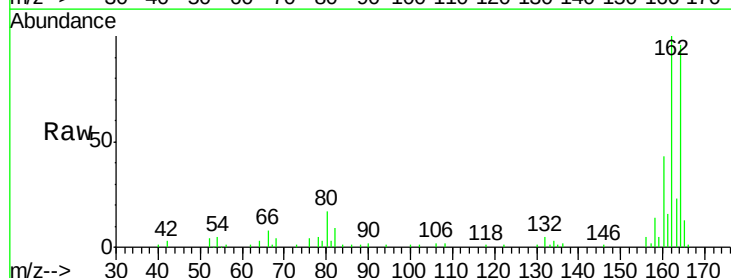
Tgt Ion:164 Resp: 48238

Ion Ratio Lower Upper

164 100

162 103.9 82.7 124.1

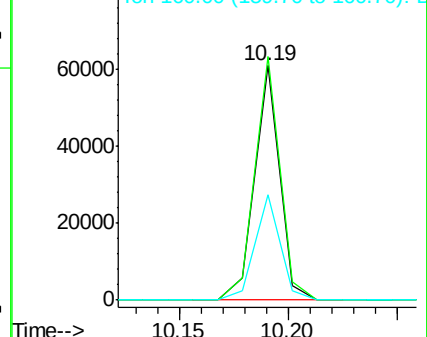
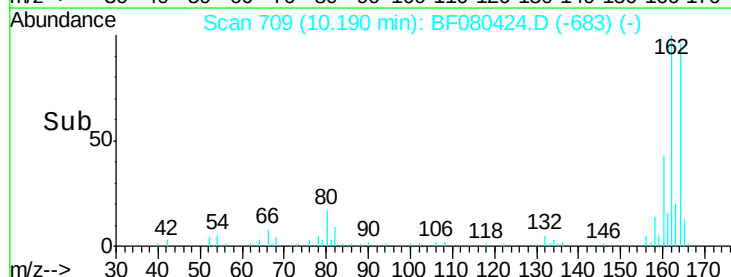
160 45.0 35.5 53.3

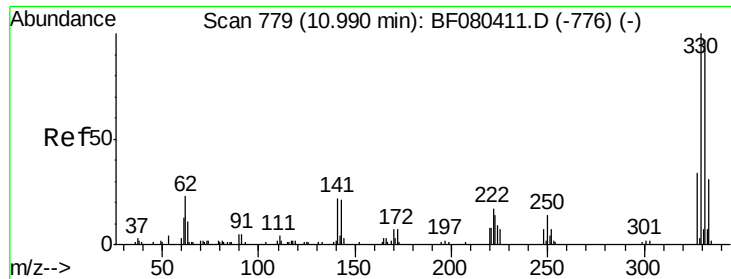


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

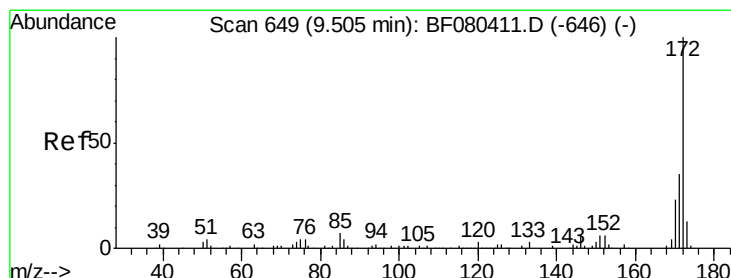
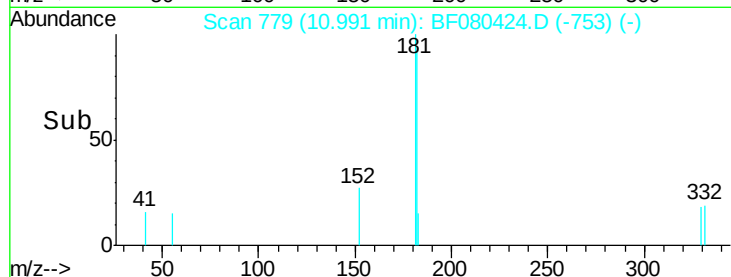
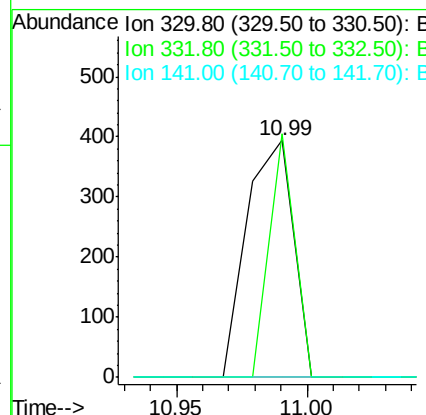
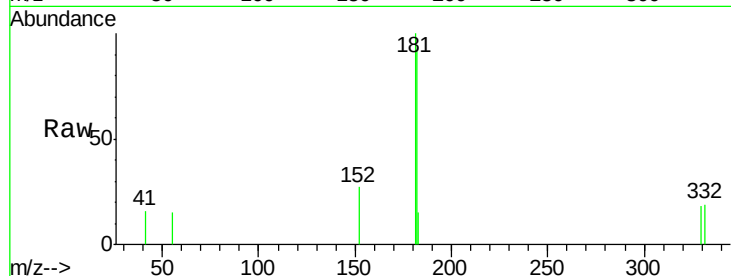




#41
 2,4,6-Tribromophenol
 Concen: 1.05 ng
 RT: 10.99 min Scan# 779
 Delta R.T. 0.00 min
 Lab File: BF080424.D
 Acq: 11 Jul 2015 9:21

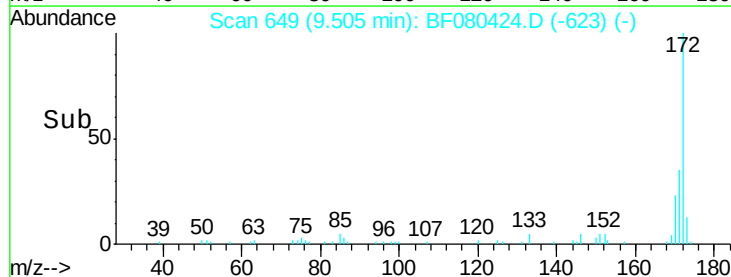
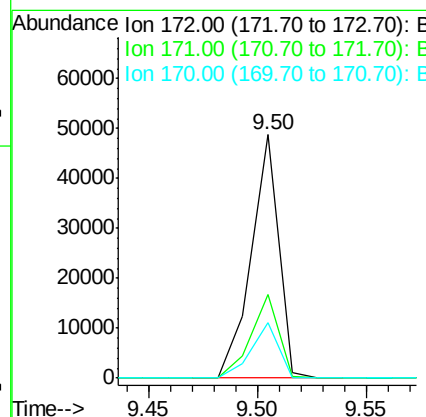
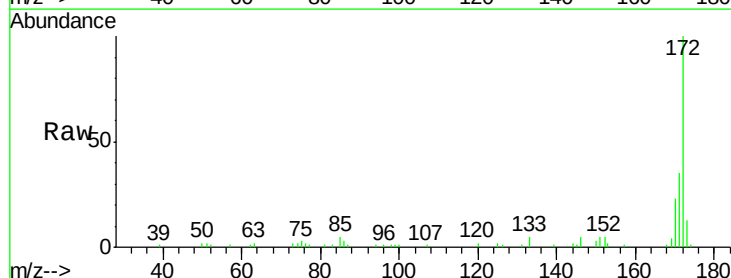
Instrument :
 BNA_F
 ClientSampleId :
 FILLSOURCE-2

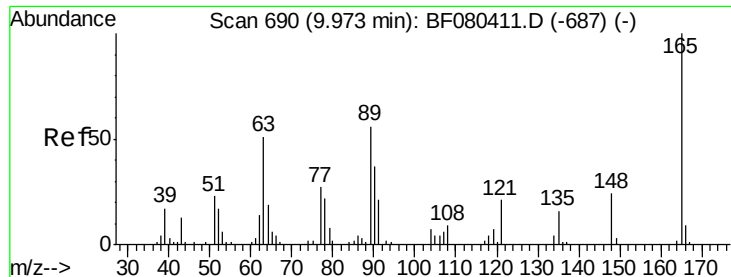
Tgt Ion:330 Resp: 494
 Ion Ratio Lower Upper
 330 100
 332 56.3 78.0 117.0#
 141 0.0 28.6 43.0#



#44
 2-Fluorobiphenyl
 Concen: 11.92 ng
 RT: 9.50 min Scan# 649
 Delta R.T. 0.00 min
 Lab File: BF080424.D
 Acq: 11 Jul 2015 9:21

Tgt Ion:172 Resp: 42709
 Ion Ratio Lower Upper
 172 100
 171 34.6 28.4 42.6
 170 22.8 18.6 28.0

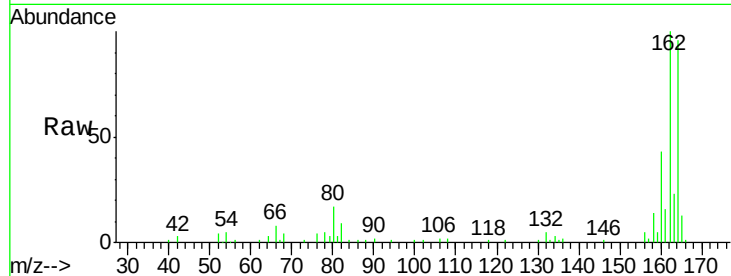




#50
2,6-Dinitrotoluene
Concen: 8.34 ng
RT: 10.19 min Scan# 709
Delta R.T. 0.22 min
Lab File: BF080424.D
Acq: 11 Jul 2015 9:21

Instrument :
BNA_F
ClientSampleId :
FILLSOURCE-2

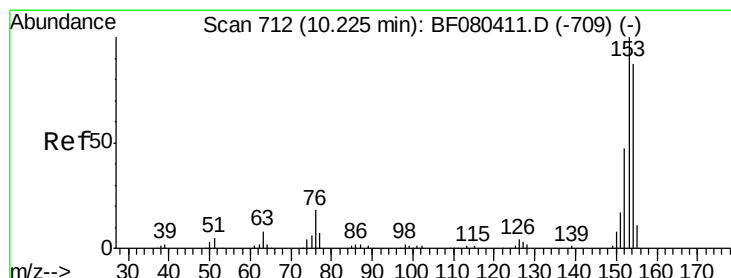
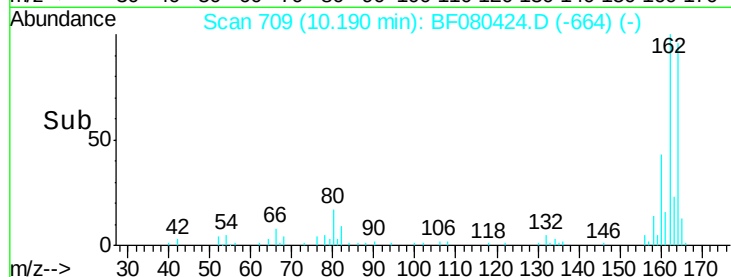
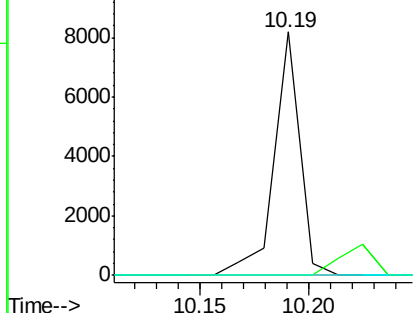
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.5	66.7#
89	0.0	44.5	66.7#



Abundance Ion 165.00 (164.70 to 165.70): E

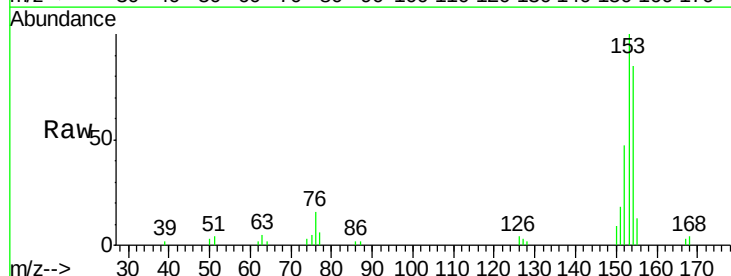
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#51
Acenaphthene
Concen: 4.13 ng
RT: 10.22 min Scan# 712
Delta R.T. 0.00 min
Lab File: BF080424.D
Acq: 11 Jul 2015 9:21

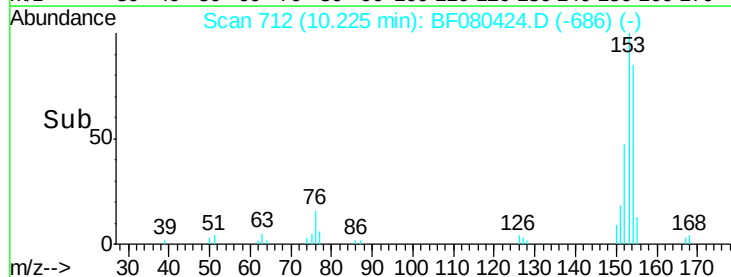
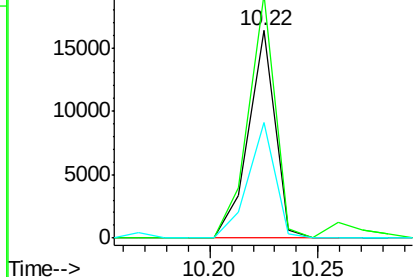
Tgt Ion	Ratio	Lower	Upper
154	100		
153	117.3	91.7	137.5
152	55.6	43.5	65.3

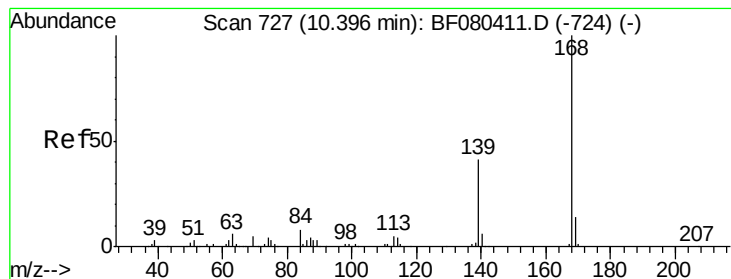


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#54

Dibenzenofuran

Concen: 5.04 ng

RT: 10.40 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF080424.D

Acq: 11 Jul 2015 9:21

Instrument :

BNA_F

ClientSampleId :

FILLSOURCE-2

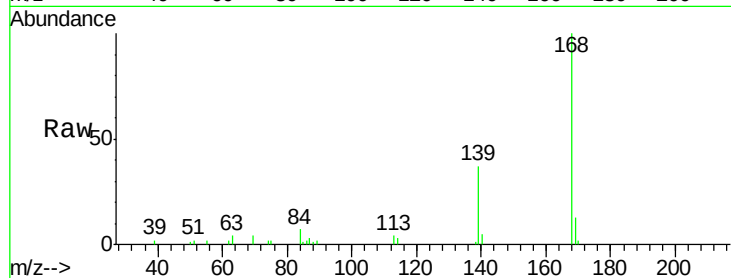
Tgt Ion:168 Resp: 22524

Ion Ratio Lower Upper

168 100

139 36.6 33.4 50.2

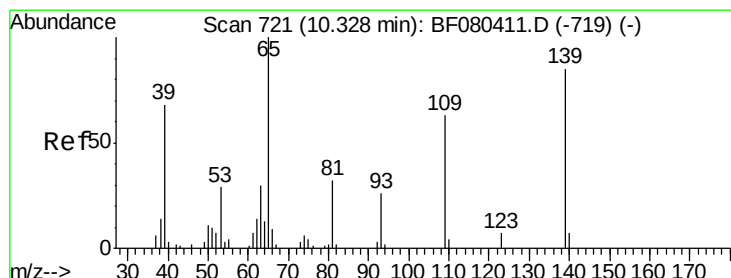
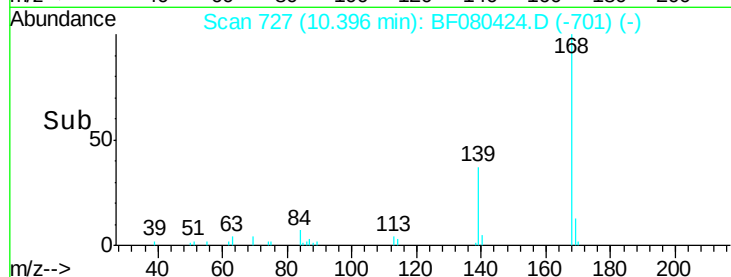
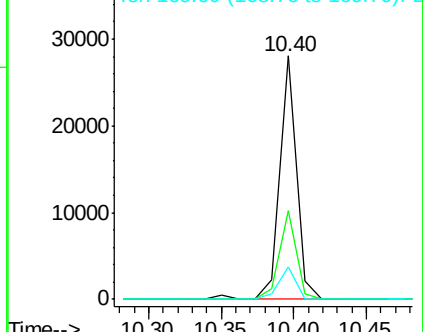
169 13.1 11.1 16.7



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: 17.10 ng

RT: 10.40 min Scan# 727

Delta R.T. 0.07 min

Lab File: BF080424.D

Acq: 11 Jul 2015 9:21

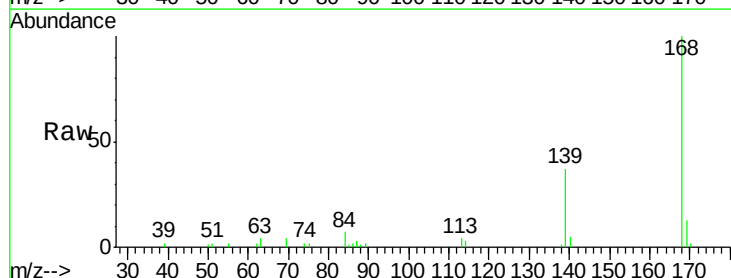
Tgt Ion:139 Resp: 8373

Ion Ratio Lower Upper

139 100

109 0.0 54.6 94.6#

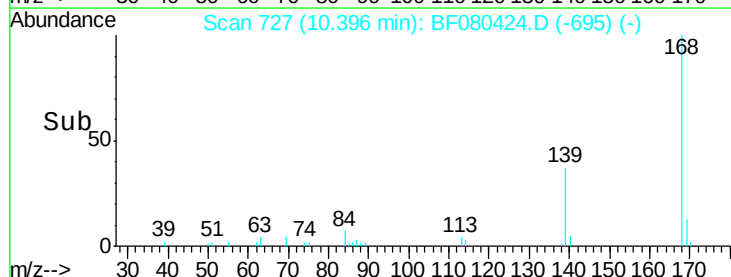
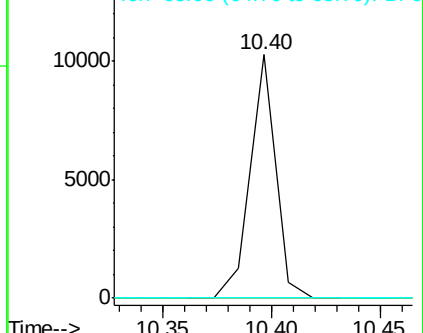
65 0.0 97.8 137.8#

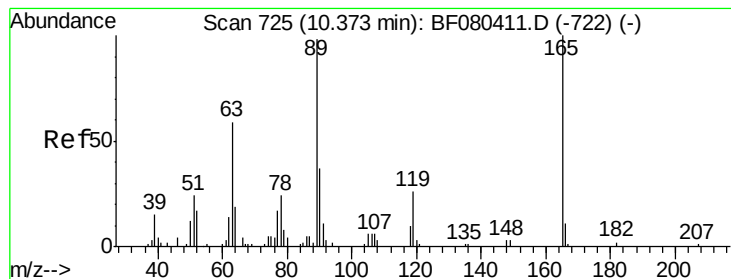


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#56

2,4-Dinitrotoluene

Concen: 7.13 ng

RT: 10.19 min Scan# 709

Delta R.T. -0.18 min

Lab File: BF080424.D

Acq: 11 Jul 2015 9:21

Instrument :

BNA_F

ClientSampleId :

FILLSOURCE-2

Tgt Ion:165 Resp: 6825

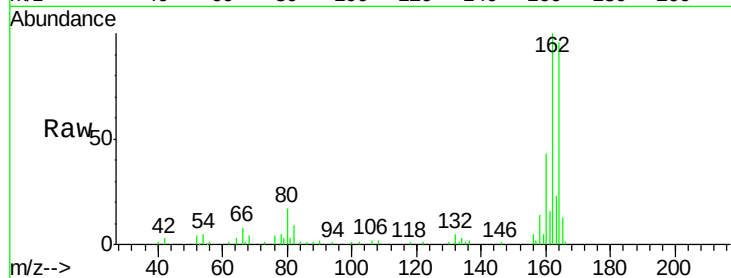
Ion Ratio Lower Upper

165 100

63 0.0 51.7 77.5#

89 0.0 78.6 117.8#

182 0.0 1.8 2.8#

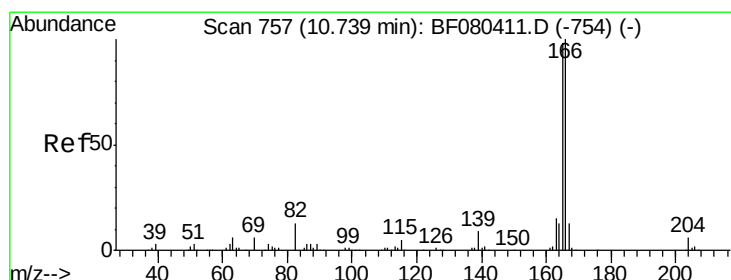
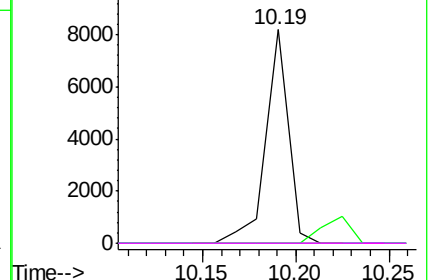
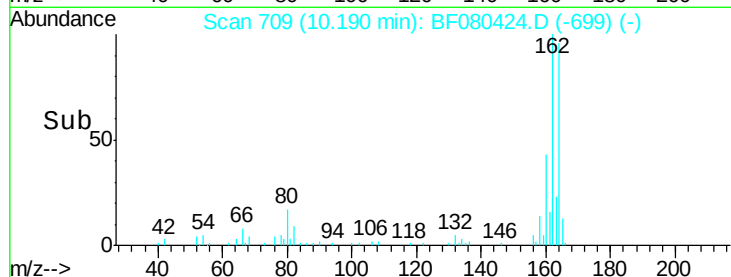


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#57

Fluorene

Concen: 6.67 ng

RT: 10.74 min Scan# 757

Delta R.T. 0.00 min

Lab File: BF080424.D

Acq: 11 Jul 2015 9:21

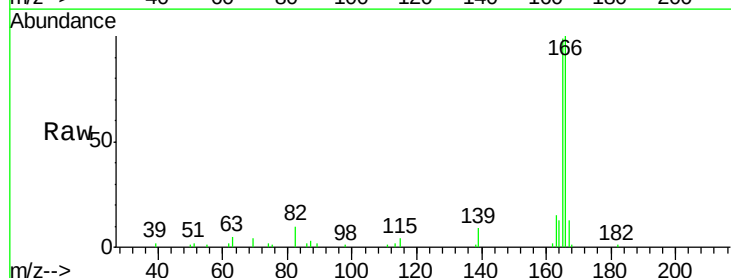
Tgt Ion:166 Resp: 25118

Ion Ratio Lower Upper

166 100

165 98.9 78.3 117.5

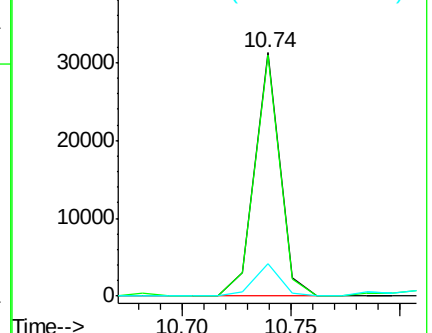
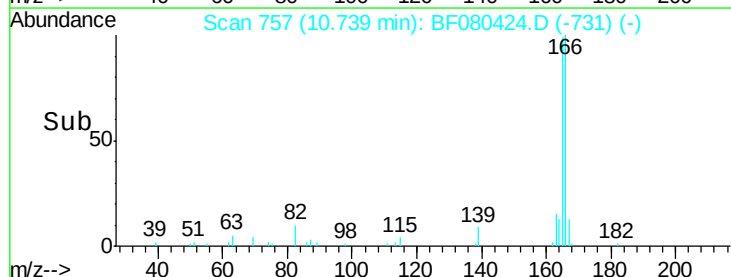
167 13.3 10.6 15.8

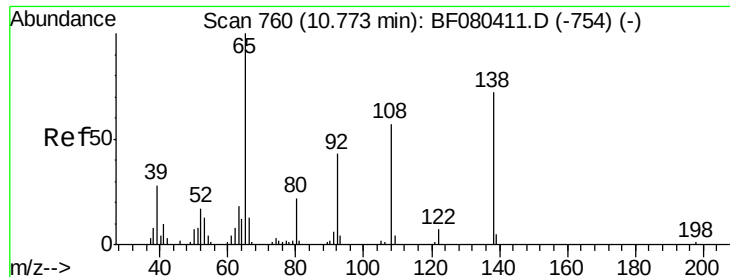


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

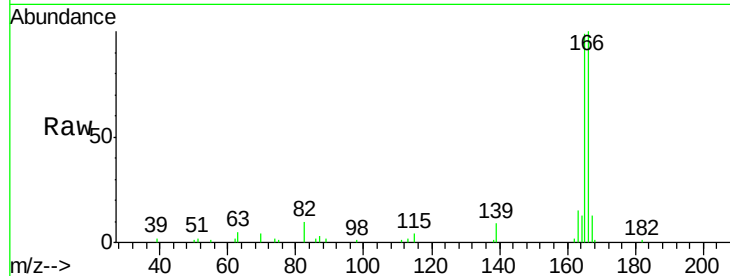




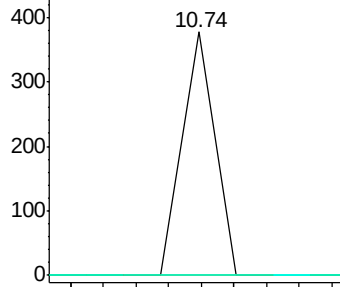
#61
4-Nitroaniline
Concen: 2.71 ng
RT: 10.74 min Scan# 757
Delta R.T. -0.03 min
Lab File: BF080424.D
Acq: 11 Jul 2015 9:21

Instrument :
BNA_F
ClientSampleId :
FILLSOURCE-2

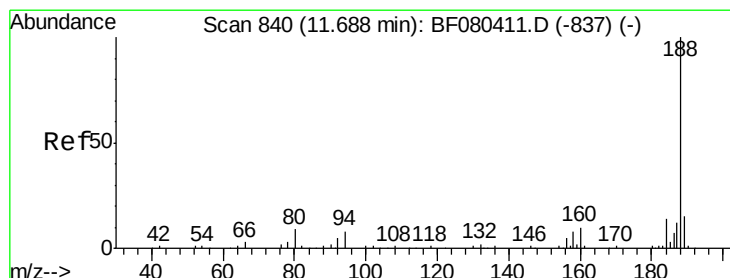
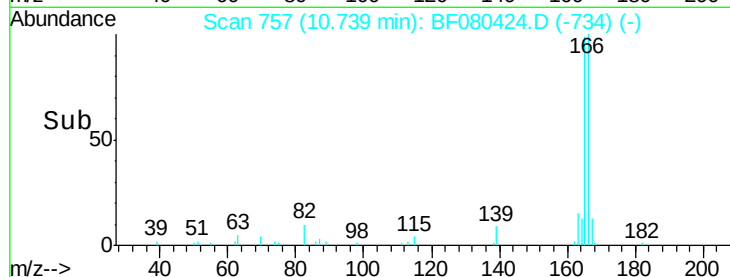
Tgt Ion:138 Resp: 259
Ion Ratio Lower Upper
138 100
92 0.0 39.0 79.0#
108 0.0 59.4 99.4#



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

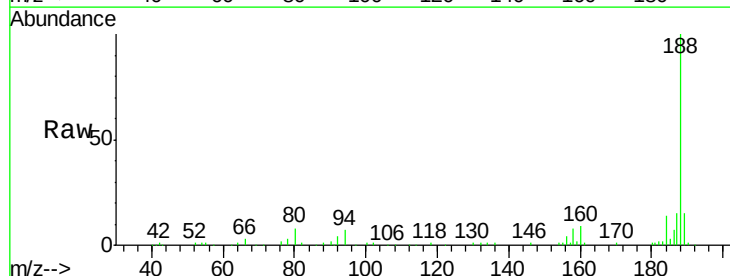


Time--> 10.70 10.75

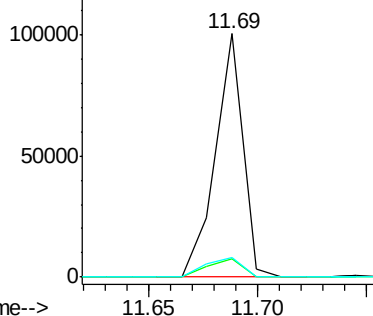


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.69 min Scan# 840
Delta R.T. 0.00 min
Lab File: BF080424.D
Acq: 11 Jul 2015 9:21

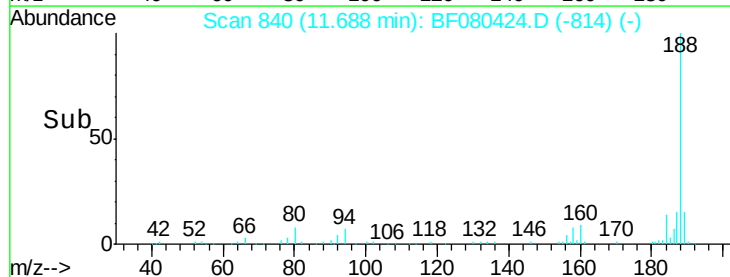
Tgt Ion:188 Resp: 88057
Ion Ratio Lower Upper
188 100
94 7.5 6.7 10.1
80 8.2 7.5 11.3

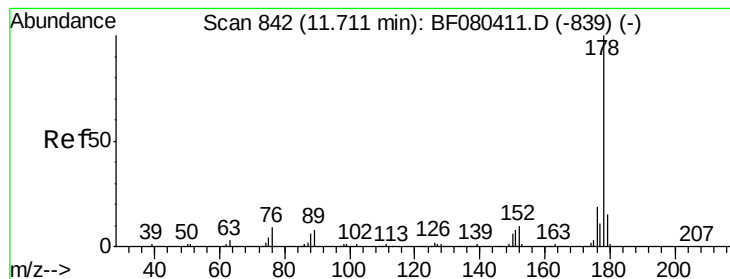


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0



Time--> 11.65 11.70





#70

Phenanthrene

Concen: 41.57 ng

RT: 11.71 min Scan# 842

Delta R.T. 0.00 min

Lab File: BF080424.D

Acq: 11 Jul 2015 9:21

Instrument :

BNA_F

ClientSampleId :

FILLSOURCE-2

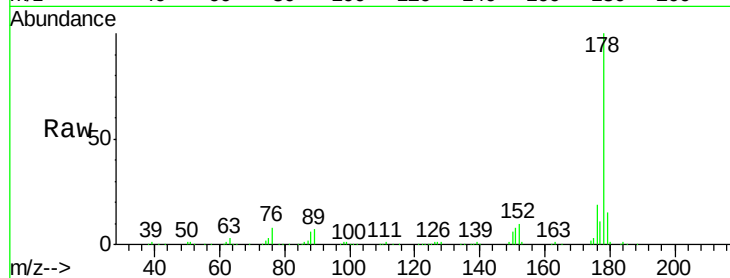
Tgt Ion:178 Resp: 219922

Ion Ratio Lower Upper

178 100

176 19.2 15.2 22.8

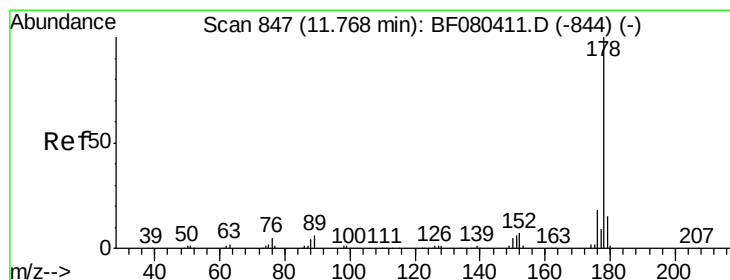
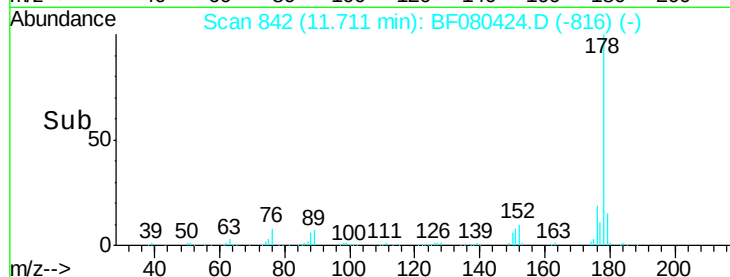
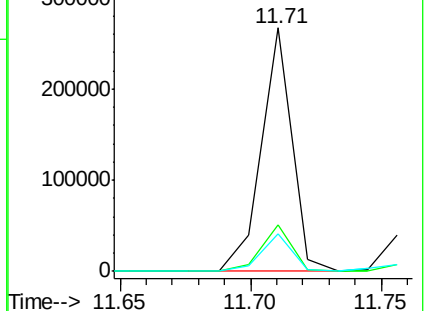
179 15.3 12.4 18.6



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: 10.69 ng

RT: 11.76 min Scan# 846

Delta R.T. -0.01 min

Lab File: BF080424.D

Acq: 11 Jul 2015 9:21

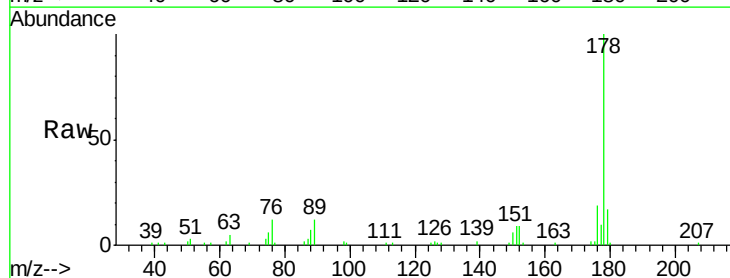
Tgt Ion:178 Resp: 52383

Ion Ratio Lower Upper

178 100

176 18.6 14.2 21.4

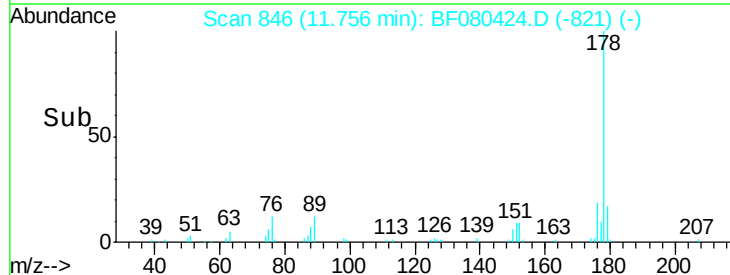
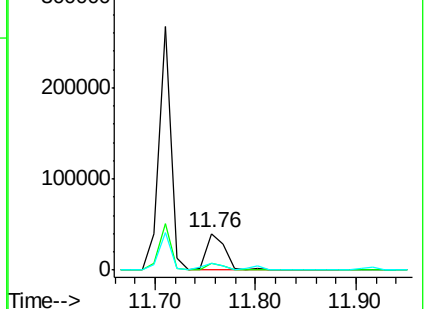
179 17.1 11.6 17.4

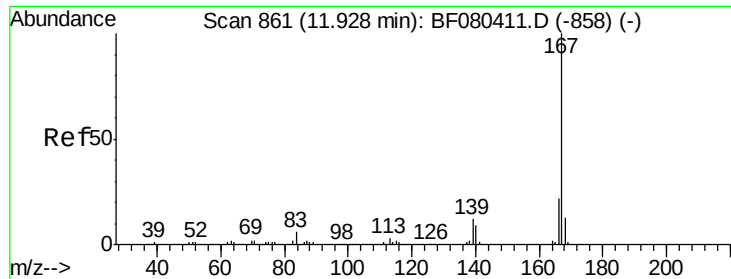


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 4.34 ng

RT: 11.93 min Scan# 861

Delta R.T. 0.00 min

Lab File: BF080424.D

Acq: 11 Jul 2015 9:21

Instrument :

BNA_F

ClientSampleId :

FILLSOURCE-2

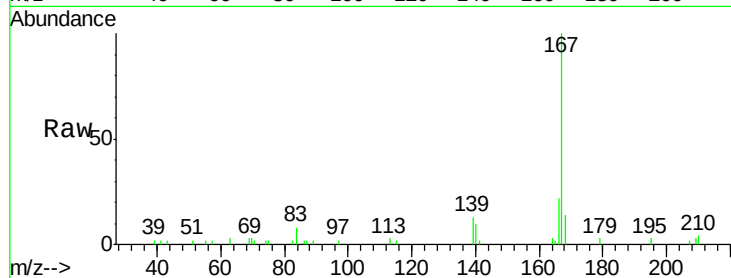
Tgt Ion:167 Resp: 19626

Ion Ratio Lower Upper

167 100

166 22.2 17.4 26.2

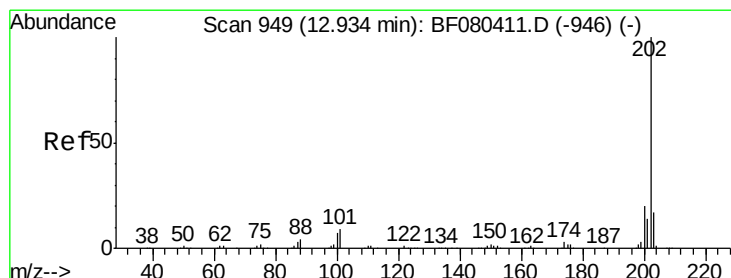
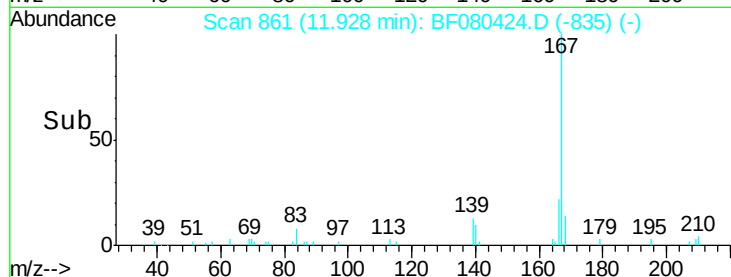
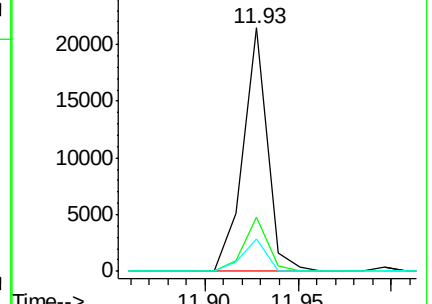
139 13.1 9.5 14.3



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Fluoranthene

Concen: 34.81 ng

RT: 12.96 min Scan# 951

Delta R.T. 0.02 min

Lab File: BF080424.D

Acq: 11 Jul 2015 9:21

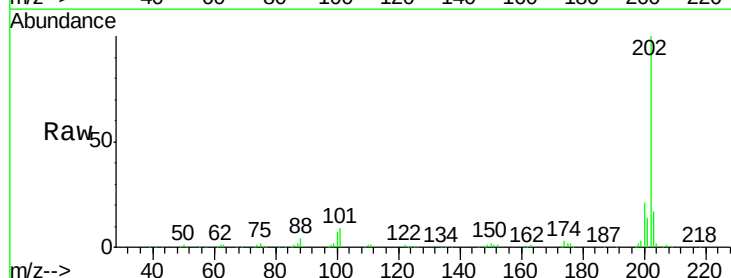
Tgt Ion:202 Resp: 190961

Ion Ratio Lower Upper

202 100

101 9.2 0.0 28.8

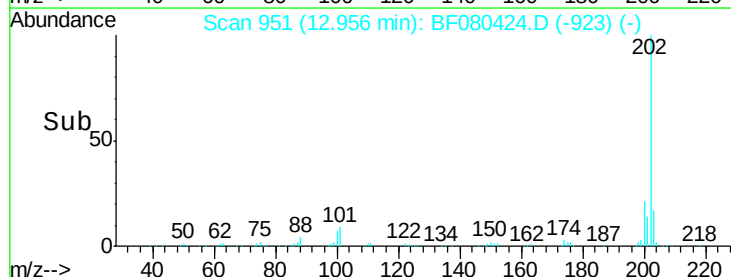
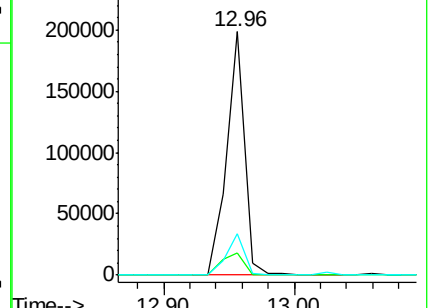
203 17.1 0.0 37.3

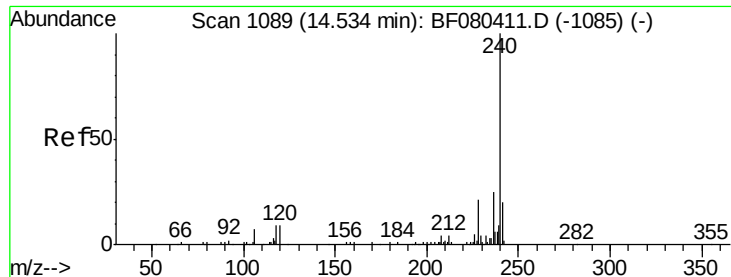


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.60 min Scan# 1095

Delta R.T. 0.07 min

Lab File: BF080424.D

Acq: 11 Jul 2015 9:21

Instrument :

BNA_F

ClientSampleId :

FILLSOURCE-2

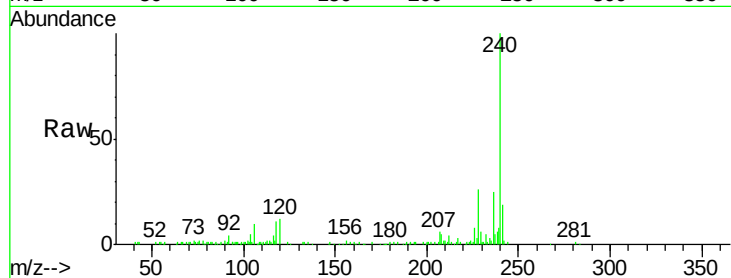
Tgt Ion:240 Resp: 89634

Ion Ratio Lower Upper

240 100

120 12.4 7.4 11.2#

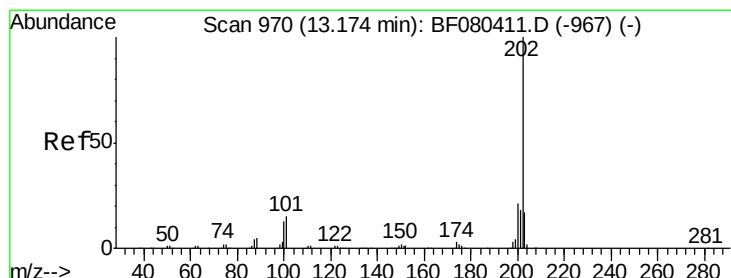
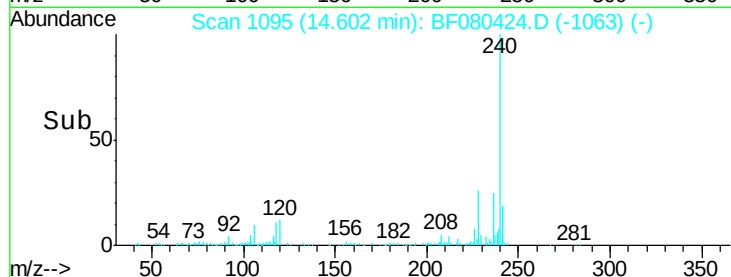
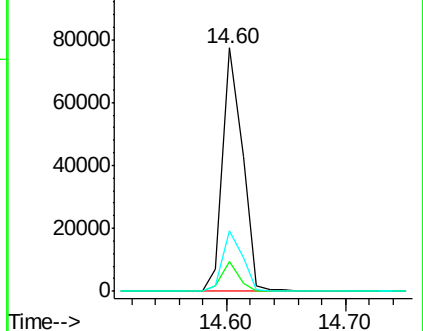
236 24.9 19.7 29.5



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: 27.19 ng

RT: 13.21 min Scan# 973

Delta R.T. 0.03 min

Lab File: BF080424.D

Acq: 11 Jul 2015 9:21

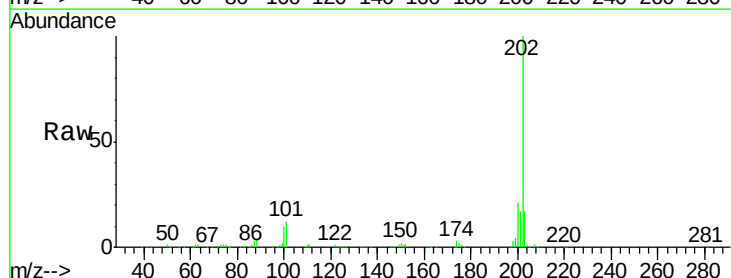
Tgt Ion:202 Resp: 156154

Ion Ratio Lower Upper

202 100

200 20.6 17.0 25.6

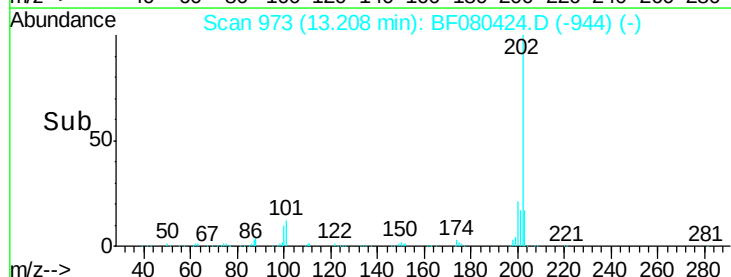
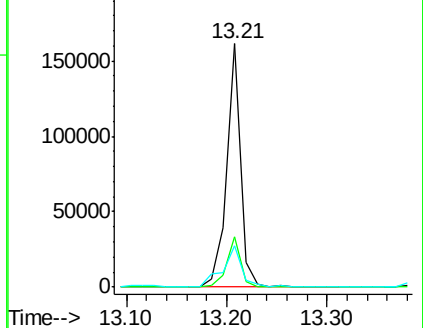
203 17.0 13.8 20.8

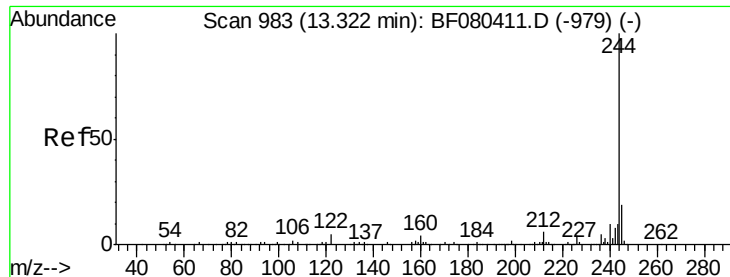


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 11.07 ng

RT: 13.35 min Scan# 985

Delta R.T. 0.02 min

Lab File: BF080424.D

Acq: 11 Jul 2015 9:21

Instrument :

BNA_F

ClientSampleId :

FILLSOURCE-2

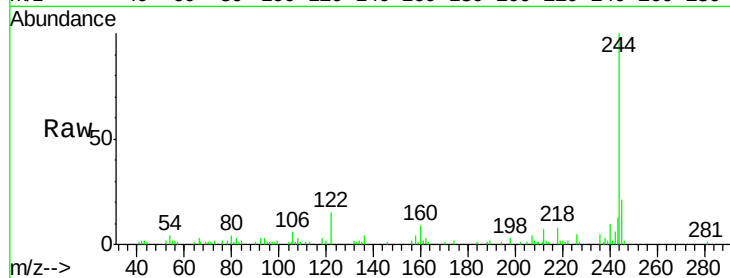
Tgt Ion:244 Resp: 45703

Ion Ratio Lower Upper

244 100

212 7.2 4.9 7.3

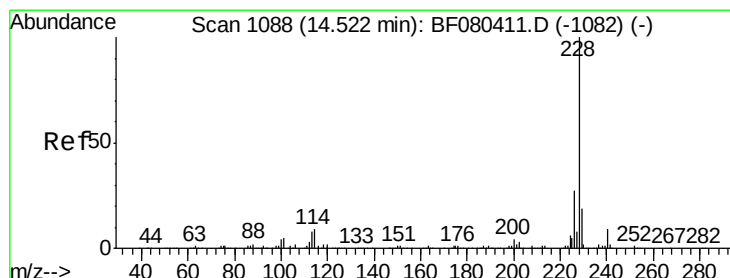
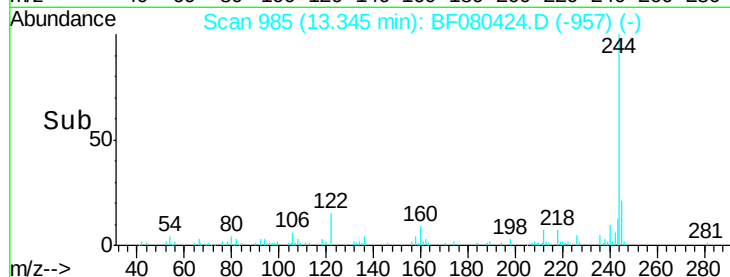
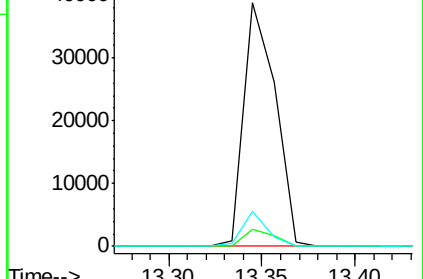
122 14.5 4.1 6.1#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Benzo(a)anthracene

Concen: 13.39 ng

RT: 14.59 min Scan# 1094

Delta R.T. 0.07 min

Lab File: BF080424.D

Acq: 11 Jul 2015 9:21

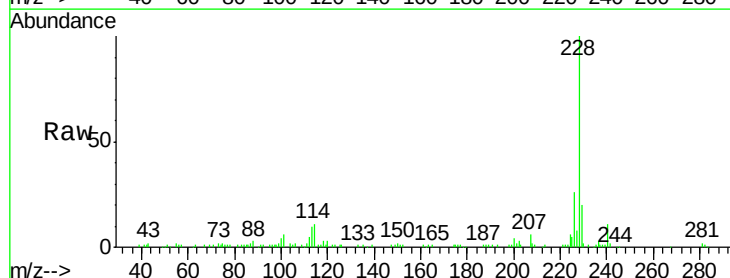
Tgt Ion:228 Resp: 75611

Ion Ratio Lower Upper

228 100

226 26.1 21.7 32.5

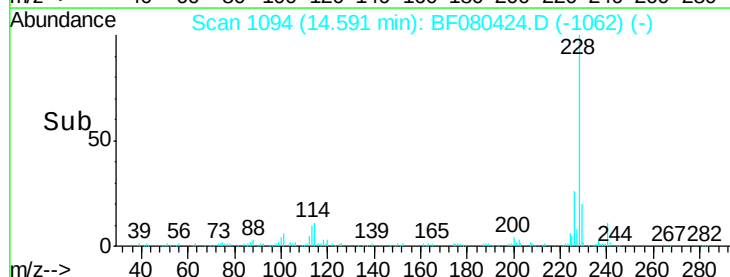
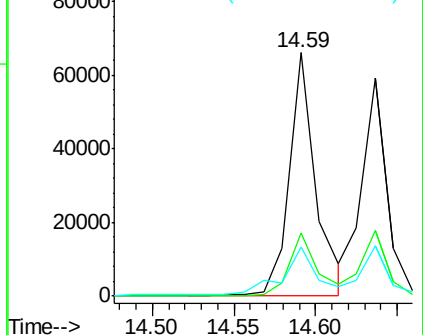
229 20.1 15.5 23.3

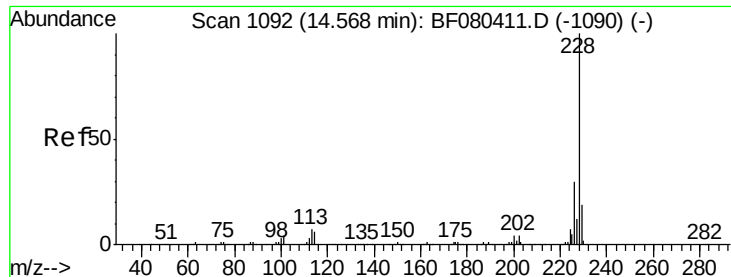


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 12.45 ng

RT: 14.64 min Scan# 1098

Delta R.T. 0.07 min

Lab File: BF080424.D

Acq: 11 Jul 2015 9:21

Instrument :

BNA_F

ClientSampleId :

FILLSOURCE-2

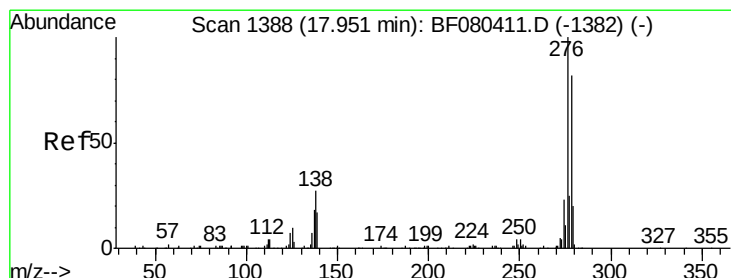
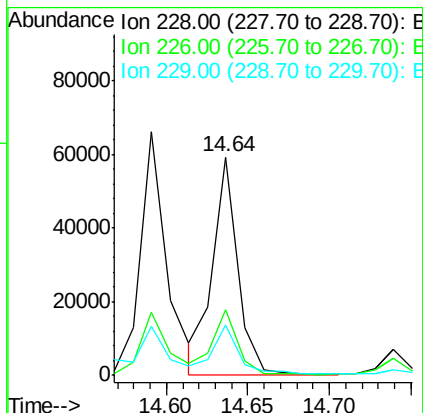
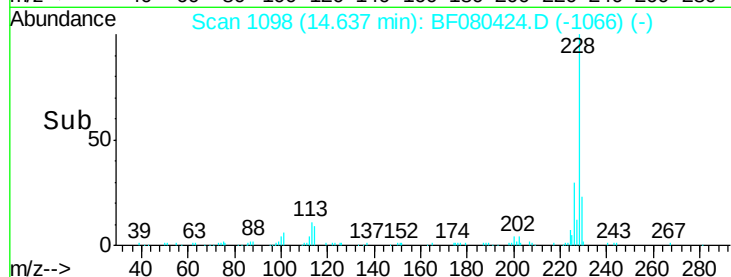
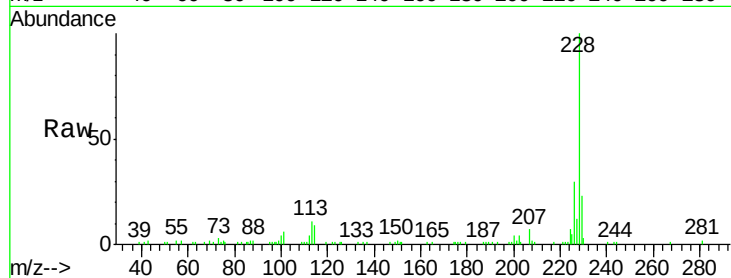
Tgt Ion:228 Resp: 64777

Ion Ratio Lower Upper

228 100

226 30.1 24.3 36.5

229 23.0 15.5 23.3



#85

Indeno(1,2,3-cd)pyrene

Concen: 5.25 ng

RT: 18.07 min Scan# 1398

Delta R.T. 0.11 min

Lab File: BF080424.D

Acq: 11 Jul 2015 9:21

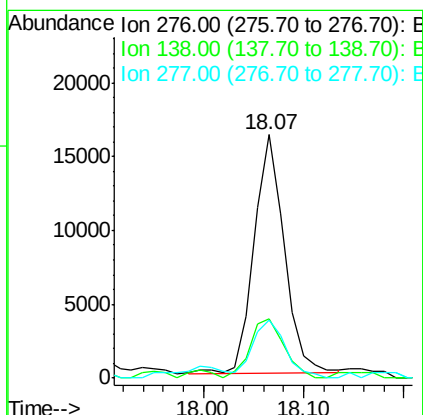
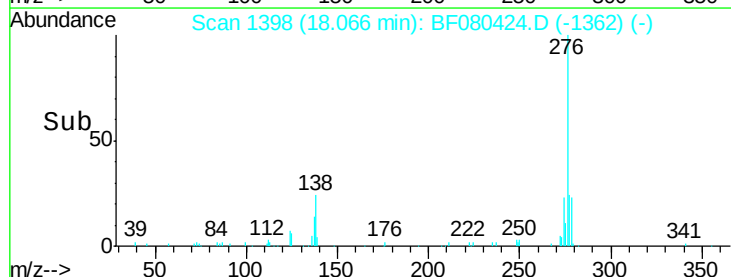
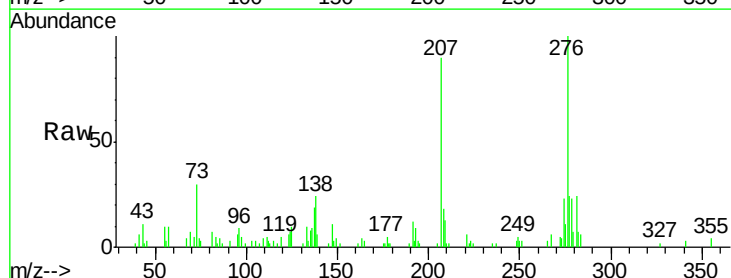
Tgt Ion:276 Resp: 33913

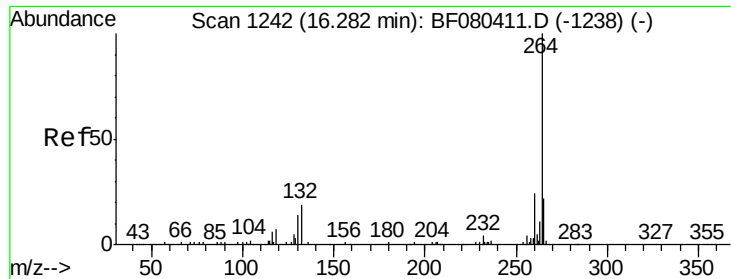
Ion Ratio Lower Upper

276 100

138 27.6 21.4 32.0

277 26.4 19.5 29.3



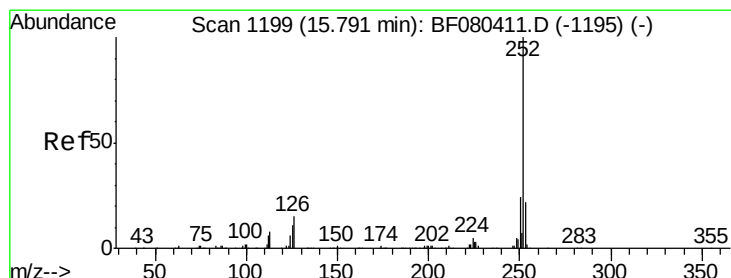
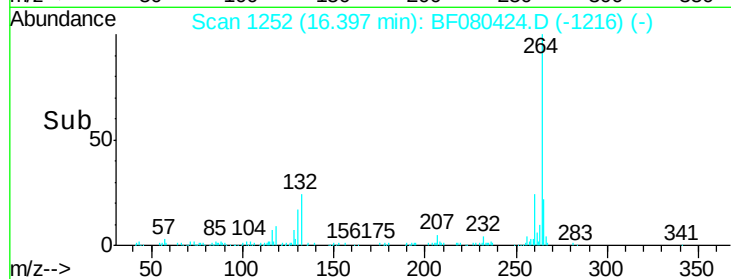
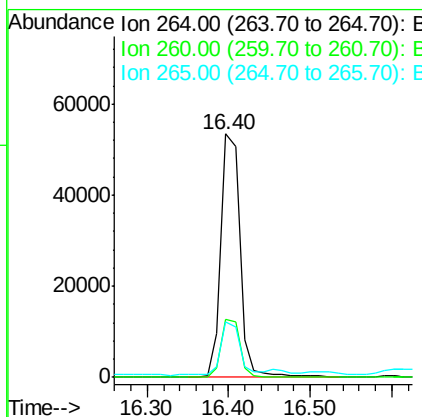
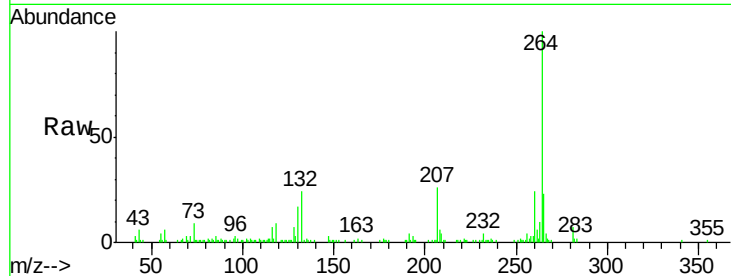


#86
Perylene-d12
Concen: 20.00 ng
RT: 16.40 min Scan# 1252
Delta R.T. 0.11 min
Lab File: BF080424.D
Acq: 11 Jul 2015 9:21

Instrument :
BNA_F
ClientSampleId :
FILLSOURCE-2

Tgt Ion: 264 Resp: 87383

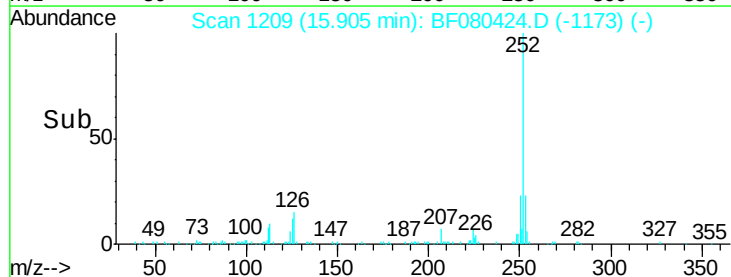
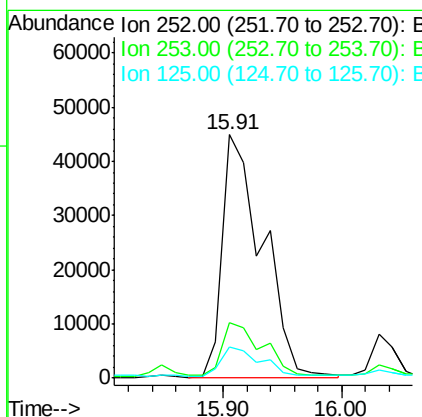
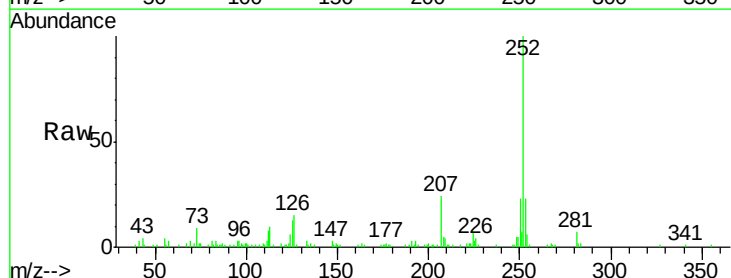
Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.4	29.2
265	22.9	17.8	26.8

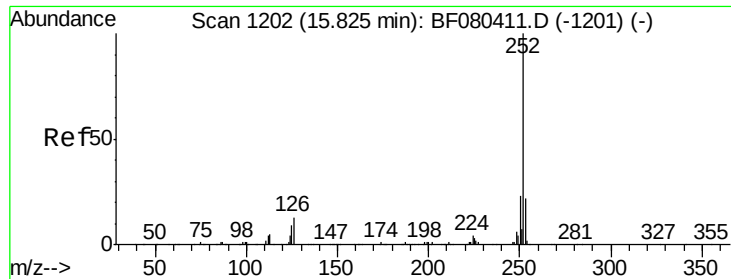


#87
Benzo(b)fluoranthene
Concen: 17.51 ng
RT: 15.91 min Scan# 1209
Delta R.T. 0.11 min
Lab File: BF080424.D
Acq: 11 Jul 2015 9:21

Tgt Ion: 252 Resp: 106297

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.8	26.8
125	12.6	8.6	12.8

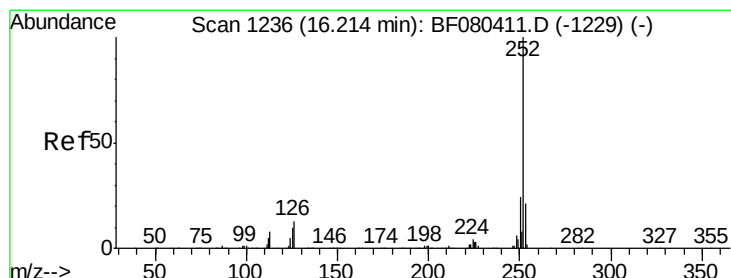
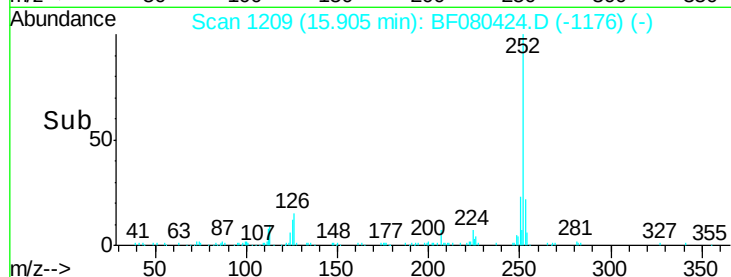
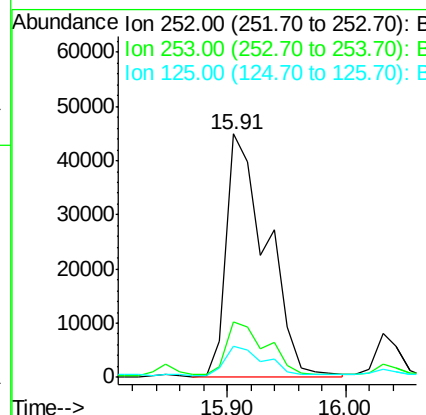
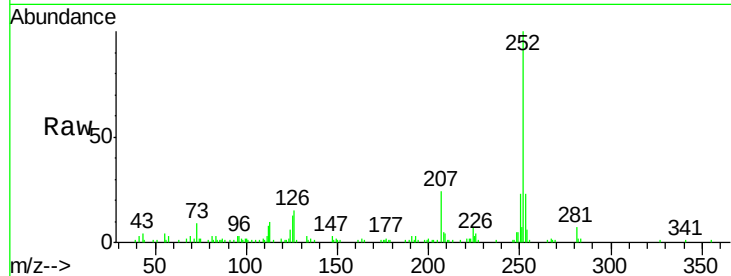




#88
Benzo(k)fluoranthene
Concen: 21.42 ng
RT: 15.91 min Scan# 1209
Delta R.T. 0.08 min
Lab File: BF080424.D
Acq: 11 Jul 2015 9:21

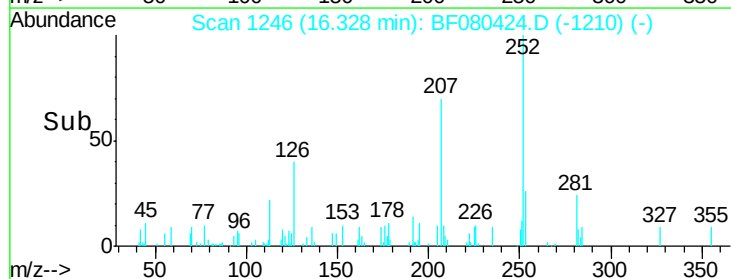
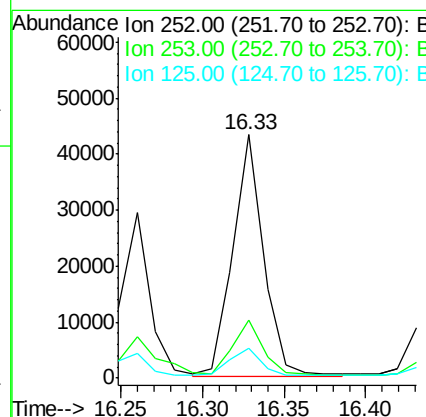
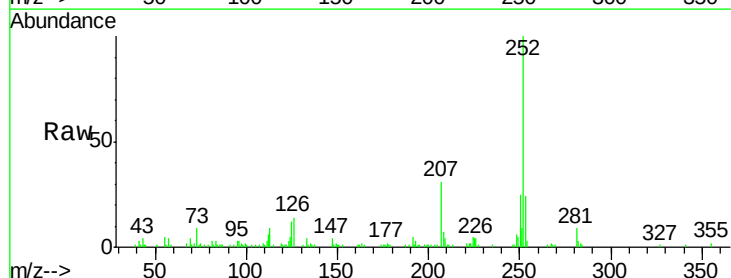
Instrument :
BNA_F
ClientSampleId :
FILLSOURCE-2

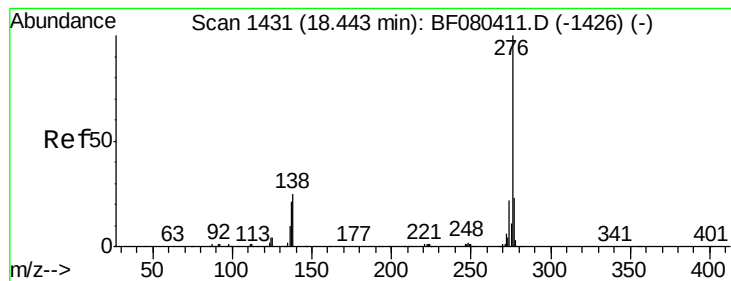
Tgt Ion: 252 Resp: 106297
Ion Ratio Lower Upper
252 100
253 22.6 17.7 26.5
125 12.6 8.4 12.6#



#89
Benzo(a)pyrene
Concen: 10.55 ng
RT: 16.33 min Scan# 1246
Delta R.T. 0.11 min
Lab File: BF080424.D
Acq: 11 Jul 2015 9:21

Tgt Ion: 252 Resp: 56111
Ion Ratio Lower Upper
252 100
253 23.6 17.0 25.6
125 12.1 8.1 12.1#





#91

Benzo(g,h,i)perylene

Concen: 6.47 ng

RT: 18.57 min Scan# 1442

Delta R.T. 0.13 min

Lab File: BF080424.D

Acq: 11 Jul 2015 9:21

Instrument :

BNA_F

ClientSampleId :

FILLSOURCE-2

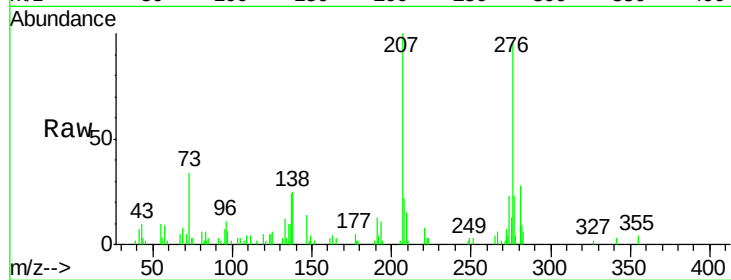
Tgt Ion: 276 Resp: 33885

Ion Ratio Lower Upper

276 100

277 23.9 18.2 27.4

138 25.8 20.3 30.5



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

