

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072315\
 Data File : BF080618.D
 Acq On : 24 Jul 2015 4:26
 Operator : TP/UM
 Sample : G3054-02 5X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONC2

Quant Time: Jul 24 06:18:07 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	41357	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	156160	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	73592	20.00	ng	0.00
63) Phenanthrene-d10	11.48	188	132640	20.00	ng	0.00
75) Chrysene-d12	14.25	240	171633	20.00	ng	0.07
86) Perylene-d12	15.89	264	187698	20.00	ng	0.15

System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	34867	14.56	ng	0.01
7) Phenol-d6	6.56	99	65350	22.33	ng	0.00
23) Nitrobenzene-d5	7.50	82	41954	15.22	ng	0.00
41) 2,4,6-Tribromophenol	10.78	330	2289	3.93	ng	0.01
44) 2-Fluorobiphenyl	9.31	172	82844	16.33	ng	0.00
78) Terphenyl-d14	13.09	244	85821	10.46	ng	0.02

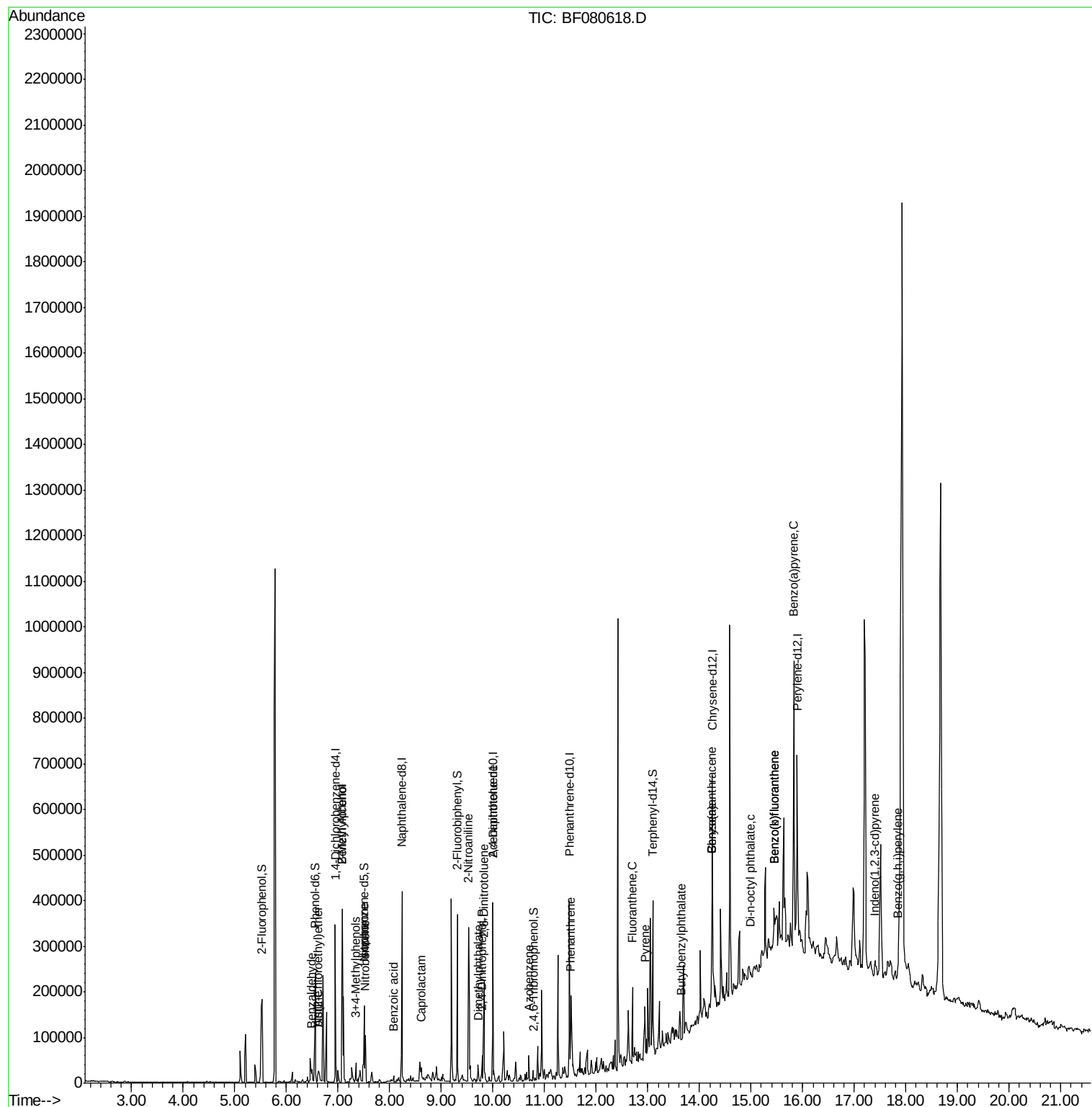
Target Compounds				Qvalue		
6) Aniline	6.61	93	20374	4.76	ng	98
9) Benzaldehyde	6.49	77	6457	2.98	ng	92
11) bis(2-Chloroethyl)ether	6.61	93	20374	8.38	ng	# 16
15) Benzyl Alcohol	7.08	79	67021	25.98	ng	97
17) 2-Methylphenol	7.08	107	32124	15.85	ng	# 5
20) 3+4-Methylphenols	7.34	107	6742	2.41	ng	# 45
24) Nitrobenzene	7.53	77	18875	6.41	ng	89
25) Isophorone	7.50	82	37600	7.37	ng	# 66
32) Benzoic acid	8.08	122	1358	8.33	ng	# 16
35) Caprolactam	8.61	113	1503	2.94	ng	# 47
47) 2-Nitroaniline	9.53	65	7152	4.84	ng	# 38
49) Dimethylphthalate	9.71	163	16493	3.05	ng	100
50) 2,6-Dinitrotoluene	9.82	165	3564	3.52	ng	# 32
53) 2,4-Dinitrophenol	9.79	184	510	5.74	ng	# 8
56) 2,4-Dinitrotoluene	10.00	165	9491	7.48	ng	# 11
62) Azobenzene	10.69	77	18410	3.48	ng	90
70) Phenanthrene	11.51	178	44368	5.93	ng	99
74) Fluoranthene	12.71	202	60854	9.08	ng	96
77) Pyrene	12.95	202	56750	4.93	ng	98
79) Butylbenzylphthalate	13.64	149	942	5.51	ng	# 56
80) Benzo(a)anthracene	14.24	228	47202	4.88	ng	97
82) Chrysene	14.24	228	47202	4.90	ng	96
84) Di-n-octyl phthalate	14.98	149	5273	6.51	ng	# 66
85) Indeno(1,2,3-cd)pyrene	17.40	276	25662	3.52	ng	96
87) Benzo(b)fluoranthene	15.45	252	67618	5.92	ng	# 89
88) Benzo(k)fluoranthene	15.45	252	67754	5.96	ng	# 92
89) Benzo(a)pyrene	15.83	252	39420	3.89	ng	# 91
91) Benzo(g,h,i)perylene	17.85	276	31878	3.26	ng	# 90

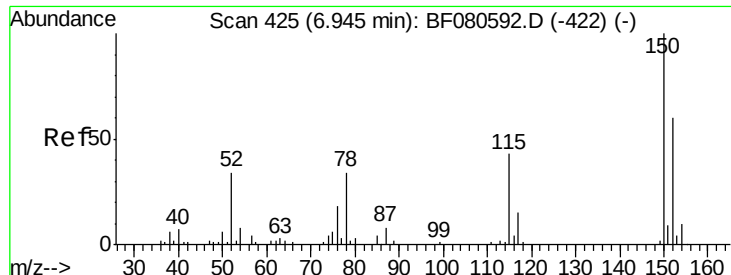
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF080618.D

Acq: 24 Jul 2015 4:26

Instrument :

BNA_F

ClientSampled :

CONC2

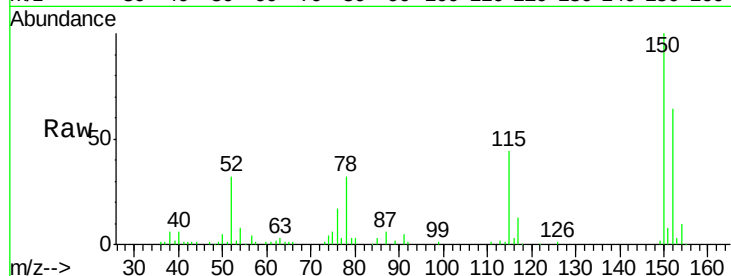
Tgt Ion:152 Resp: 41357

Ion Ratio Lower Upper

152 100

150 156.1 128.7 193.1

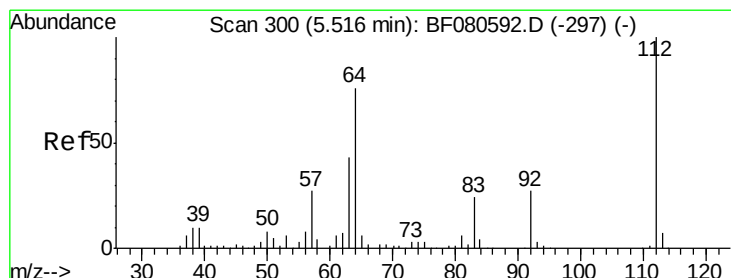
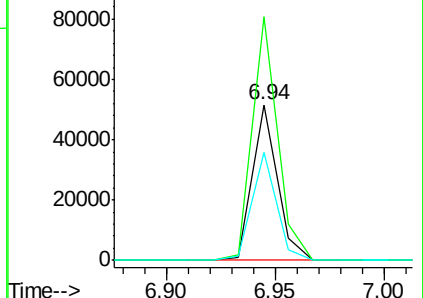
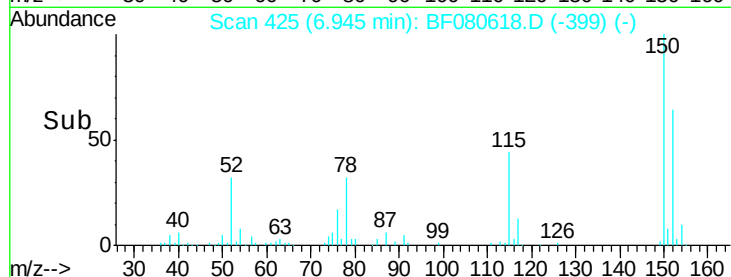
115 69.1 56.8 85.2



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: 14.56 ng

RT: 5.53 min Scan# 301

Delta R.T. 0.01 min

Lab File: BF080618.D

Acq: 24 Jul 2015 4:26

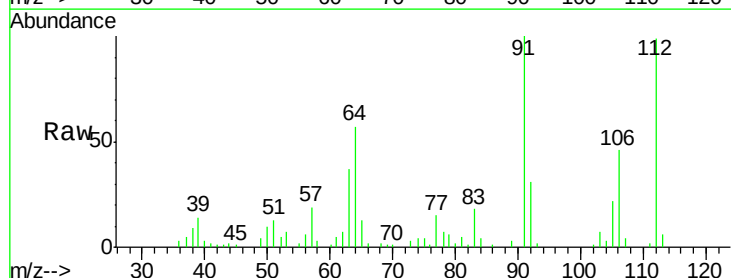
Tgt Ion:112 Resp: 34867

Ion Ratio Lower Upper

112 100

64 58.3 60.2 90.2#

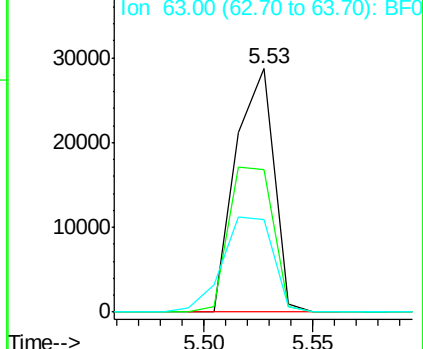
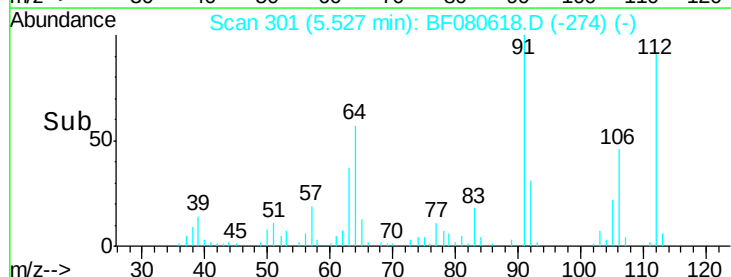
63 37.8 34.8 52.2

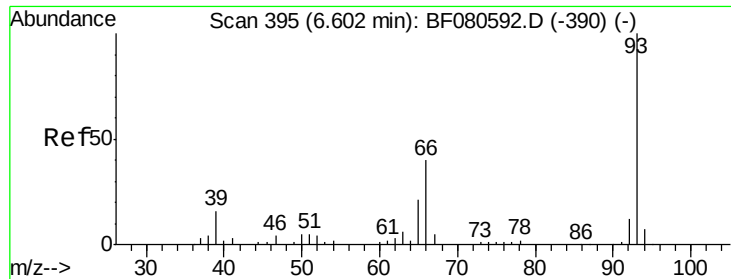


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

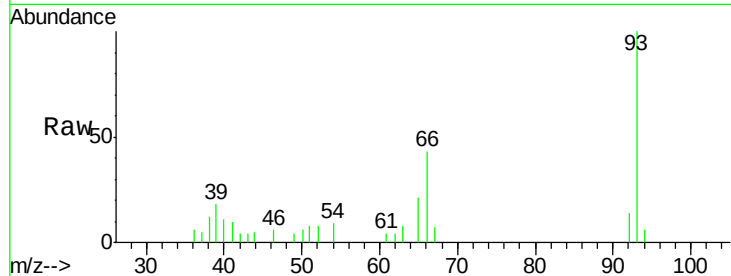




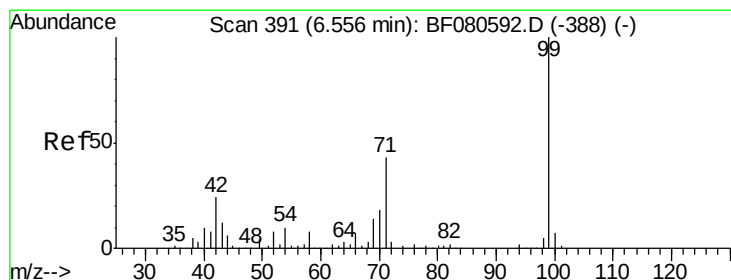
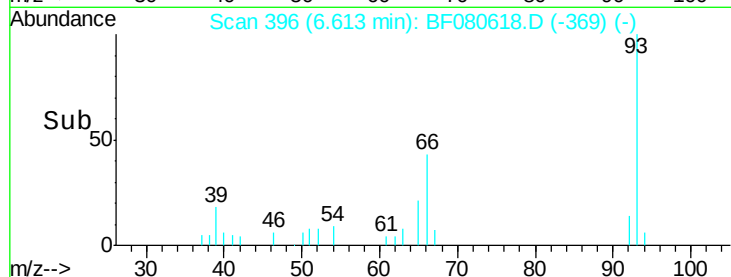
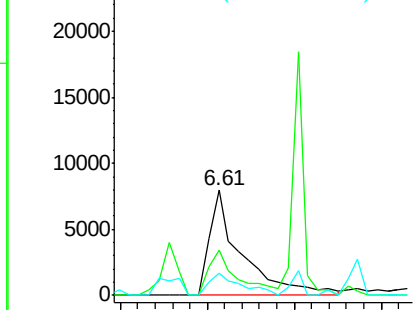
#6
Aniline
Concen: 4.76 ng
RT: 6.61 min Scan# 396
Delta R.T. 0.01 min
Lab File: BF080618.D
Acq: 24 Jul 2015 4:26

Instrument :
BNA_F
ClientSampleId :
CONC2

Tgt Ion: 93 Resp: 20374
Ion Ratio Lower Upper
93 100
66 42.6 33.1 49.7
65 20.9 17.2 25.8

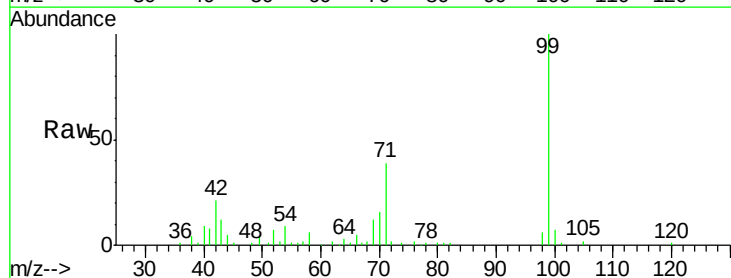


Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 66.00 (65.70 to 66.70): BF0
Ion 65.00 (64.70 to 65.70): BF0

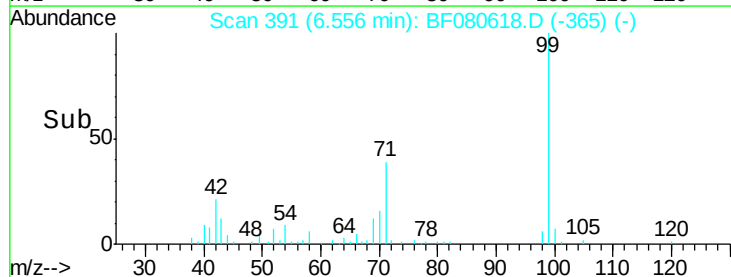
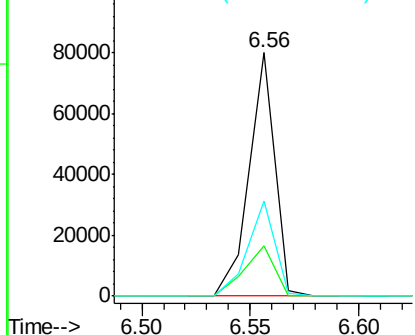


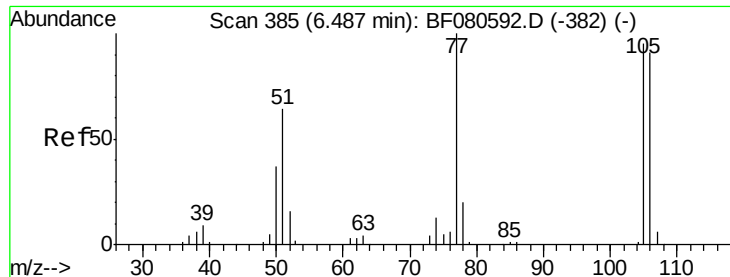
#7
Phenol-d6
Concen: 22.33 ng
RT: 6.56 min Scan# 391
Delta R.T. 0.00 min
Lab File: BF080618.D
Acq: 24 Jul 2015 4:26

Tgt Ion: 99 Resp: 65350
Ion Ratio Lower Upper
99 100
42 20.8 17.4 26.2
71 39.0 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





#9

Benzaldehyde

Concen: 2.98 ng

RT: 6.49 min Scan# 385

Delta R.T. 0.00 min

Lab File: BF080618.D

Acq: 24 Jul 2015 4:26

Instrument :

BNA_F

ClientSampleId :

CONC2

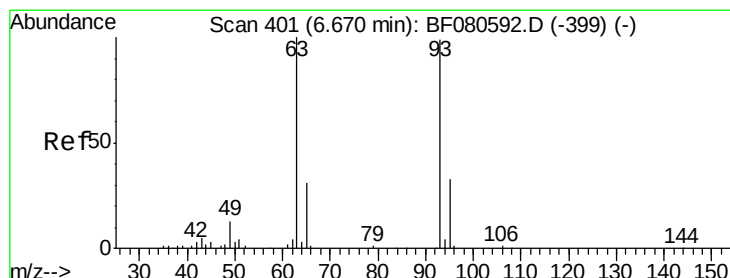
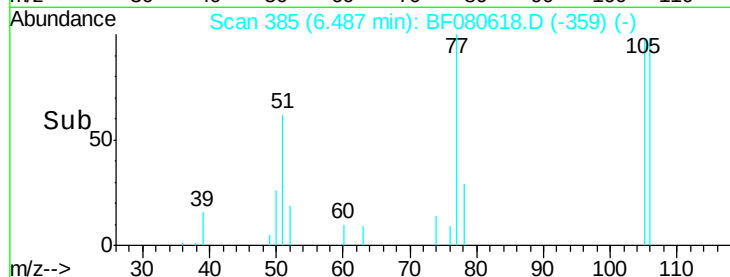
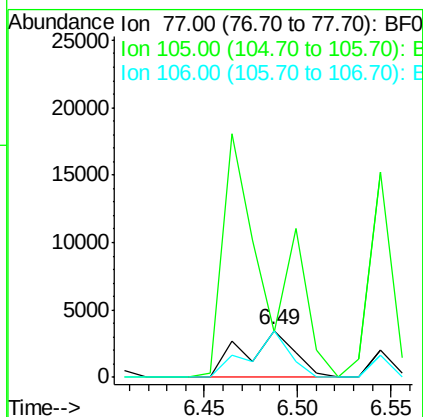
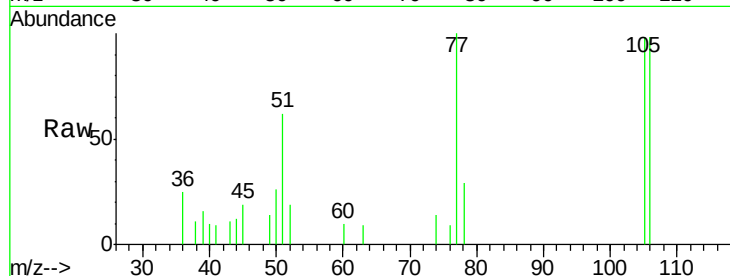
Tgt Ion: 77 Resp: 6457

Ion Ratio Lower Upper

77 100

105 97.7 72.3 112.3

106 98.0 67.5 107.5



#11

bis(2-Chloroethyl)ether

Concen: 8.38 ng

RT: 6.61 min Scan# 396

Delta R.T. -0.06 min

Lab File: BF080618.D

Acq: 24 Jul 2015 4:26

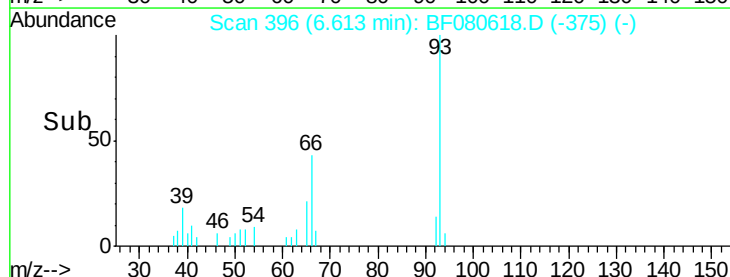
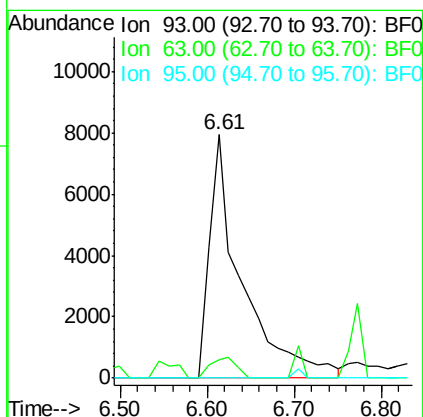
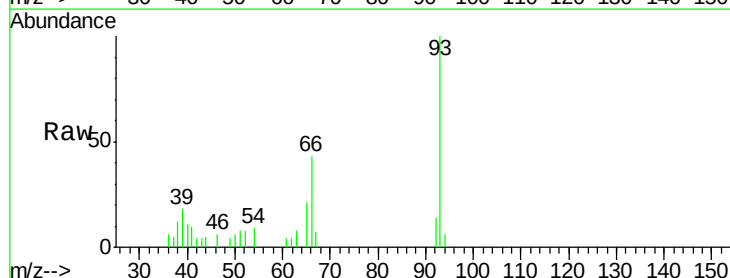
Tgt Ion: 93 Resp: 20374

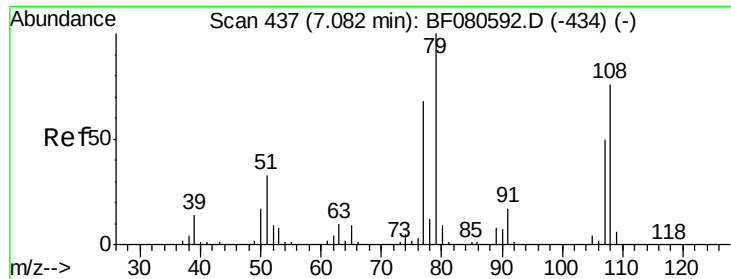
Ion Ratio Lower Upper

93 100

63 7.7 80.5 120.5#

95 0.0 11.2 51.2#





#15

Benzyl Alcohol

Concen: 25.98 ng

RT: 7.08 min Scan# 437

Delta R.T. 0.00 min

Lab File: BF080618.D

Acq: 24 Jul 2015 4:26

Instrument :

BNA_F

ClientSampleId :

CONC2

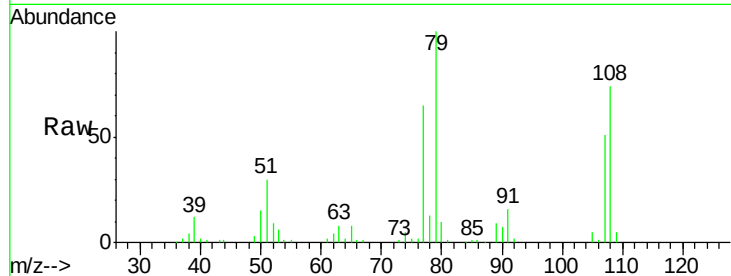
Tgt Ion: 79 Resp: 67021

Ion Ratio Lower Upper

79 100

108 73.8 61.5 92.3

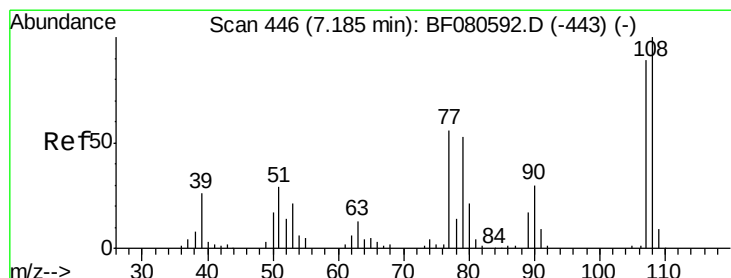
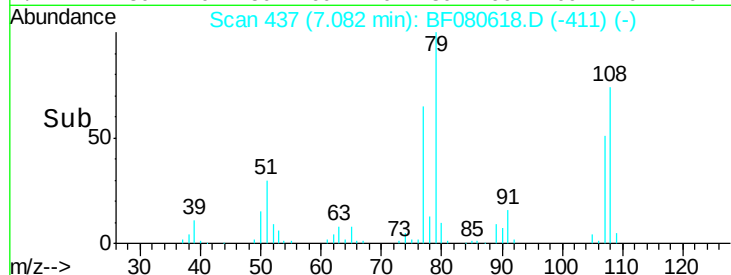
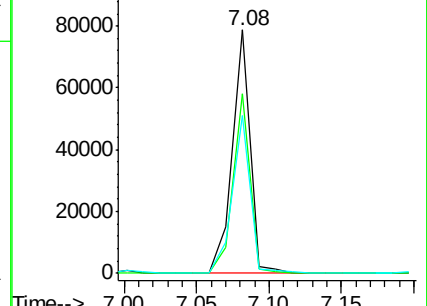
77 64.7 53.6 80.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0



#17

2-Methylphenol

Concen: 15.85 ng

RT: 7.08 min Scan# 437

Delta R.T. -0.10 min

Lab File: BF080618.D

Acq: 24 Jul 2015 4:26

Tgt Ion: 107 Resp: 32124

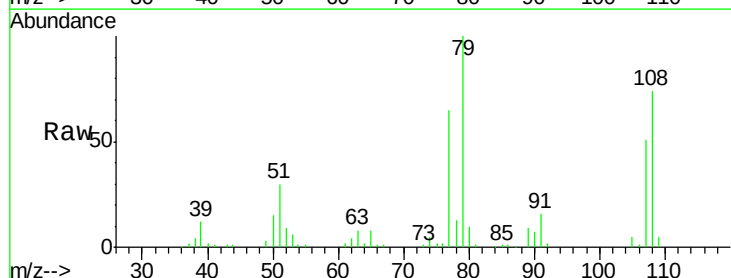
Ion Ratio Lower Upper

107 100

108 146.2 86.0 129.0#

77 128.1 43.4 65.2#

79 198.0 41.2 61.8#

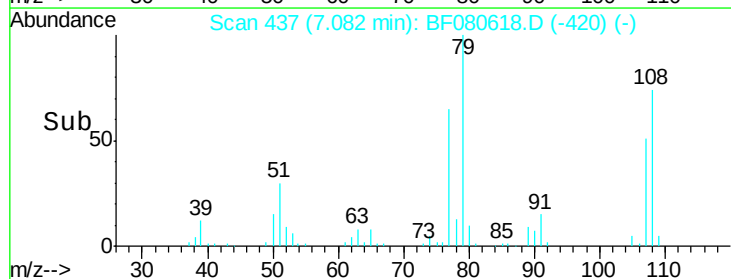
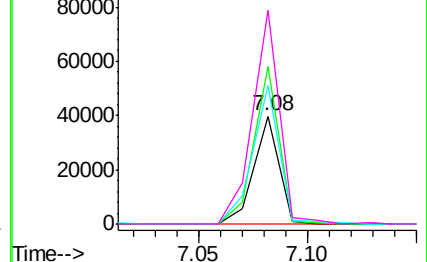


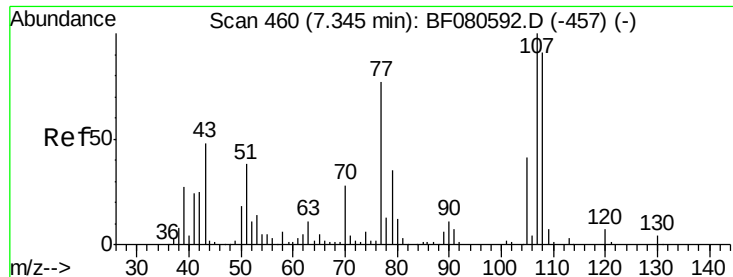
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

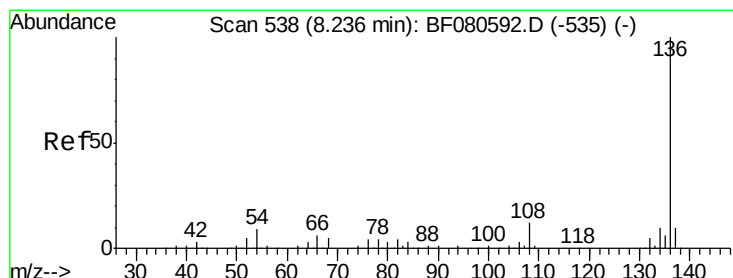
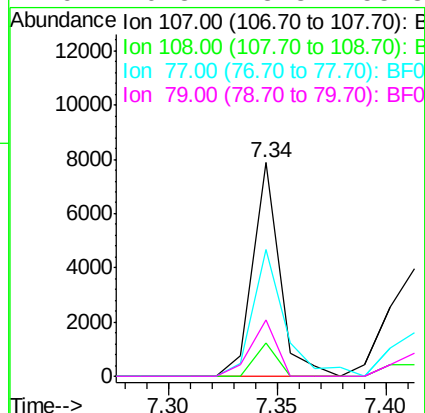
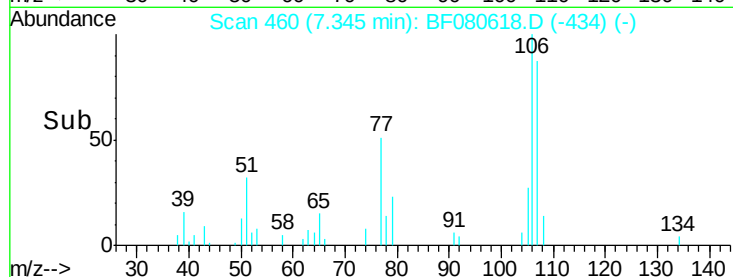
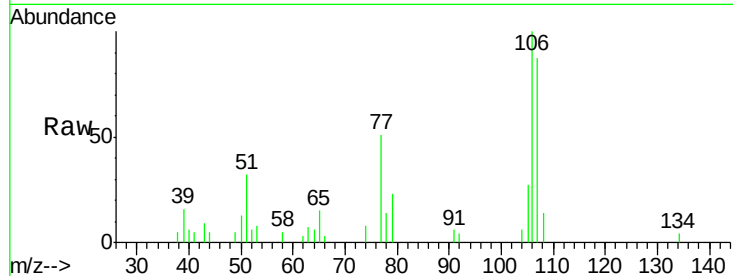




#20
3+4-Methylphenols
Concen: 2.41 ng
RT: 7.34 min Scan# 460
Delta R.T. 0.00 min
Lab File: BF080618.D
Acq: 24 Jul 2015 4:26

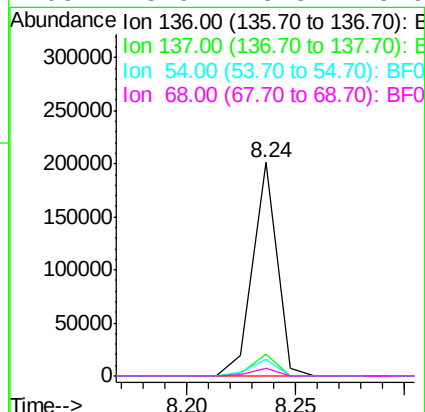
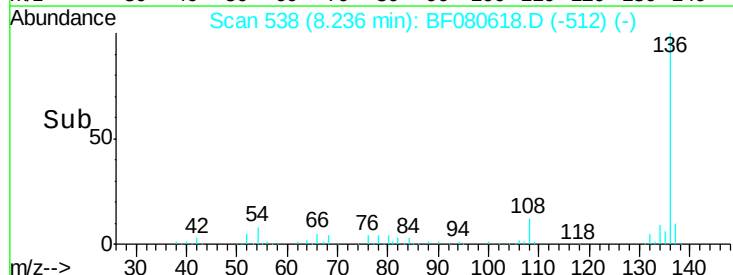
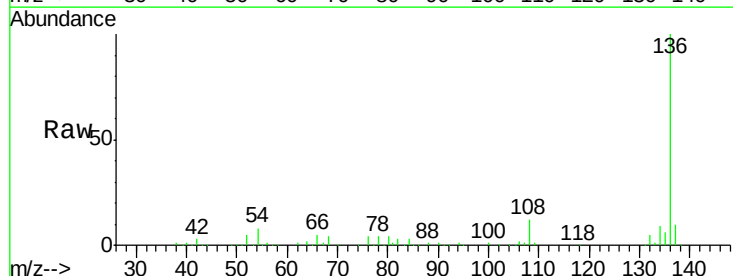
Instrument :
BNA_F
ClientSampleId :
CONC2

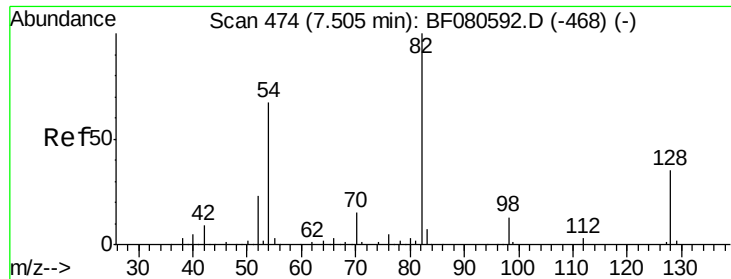
Tgt Ion:107 Resp: 6742
Ion Ratio Lower Upper
107 100
108 15.8 75.6 115.6#
77 59.3 84.7 124.7#
79 26.3 13.8 53.8



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.24 min Scan# 538
Delta R.T. 0.00 min
Lab File: BF080618.D
Acq: 24 Jul 2015 4:26

Tgt Ion:136 Resp: 156160
Ion Ratio Lower Upper
136 100
137 10.4 7.8 11.8
54 7.7 7.2 10.8
68 3.9 3.8 5.6

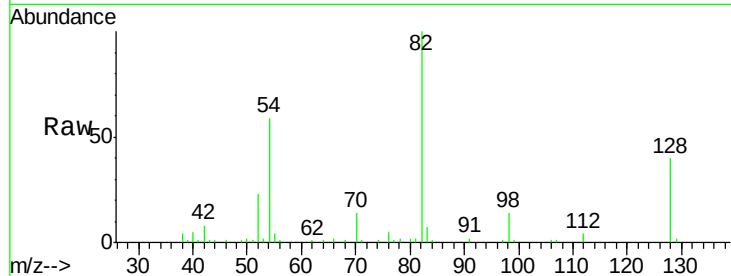




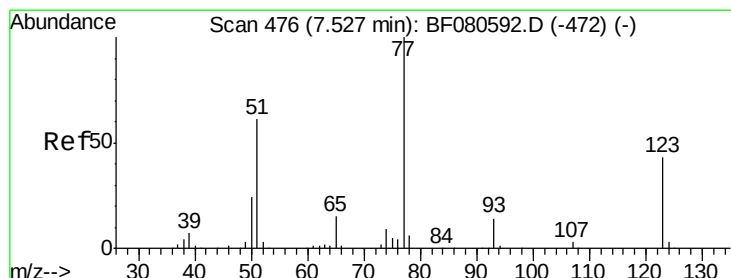
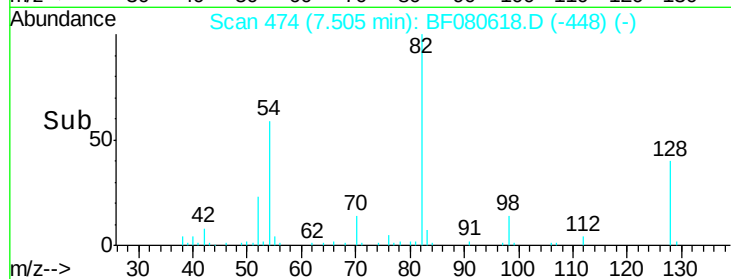
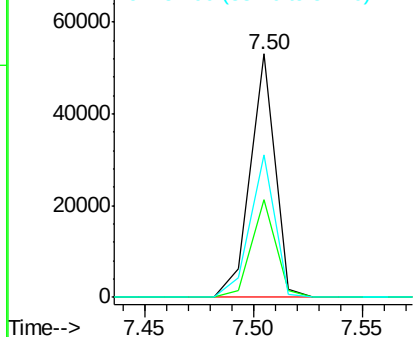
#23
 Nitrobenzene-d5
 Concen: 15.22 ng
 RT: 7.50 min Scan# 474
 Delta R.T. 0.00 min
 Lab File: BF080618.D
 Acq: 24 Jul 2015 4:26

Instrument :
 BNA_F
 ClientSampleId :
 CONC2

Tgt Ion	Ratio	Lower	Upper
82	100		
128	40.2	28.9	43.3
54	58.6	54.5	81.7

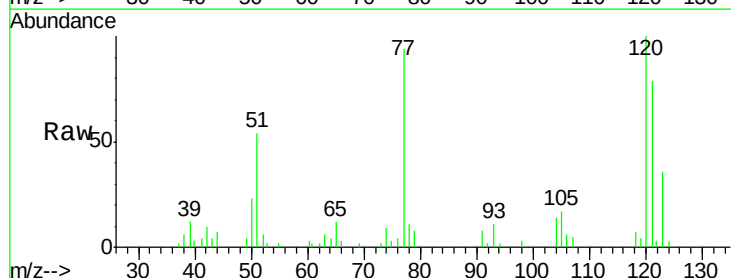


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

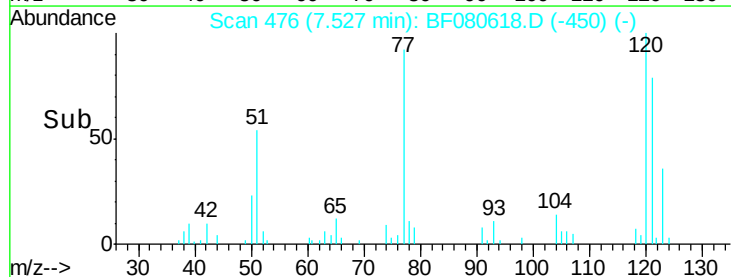
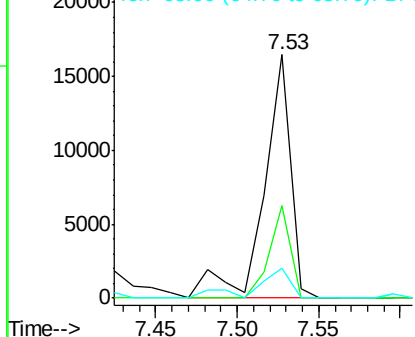


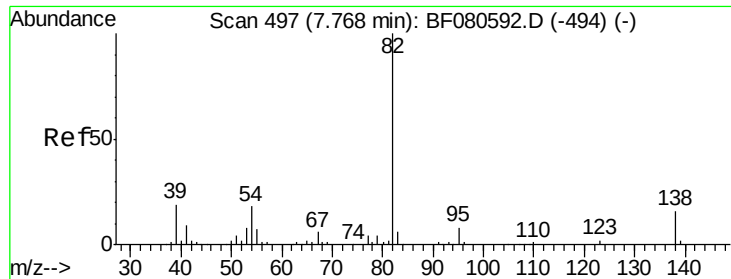
#24
 Nitrobenzene
 Concen: 6.41 ng
 RT: 7.53 min Scan# 476
 Delta R.T. 0.00 min
 Lab File: BF080618.D
 Acq: 24 Jul 2015 4:26

Tgt Ion	Ratio	Lower	Upper
77	100		
123	38.2	37.1	55.7
65	12.3	11.4	17.2



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 7.37 ng

RT: 7.50 min Scan# 474

Delta R.T. -0.26 min

Lab File: BF080618.D

Acq: 24 Jul 2015 4:26

Instrument :

BNA_F

ClientSampleId :

CONC2

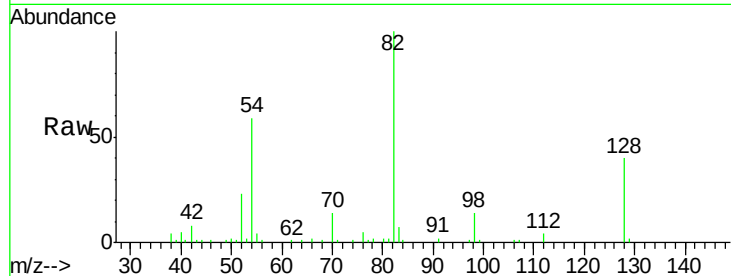
Tgt Ion: 82 Resp: 37600

Ion Ratio Lower Upper

82 100

95 0.0 5.9 8.9#

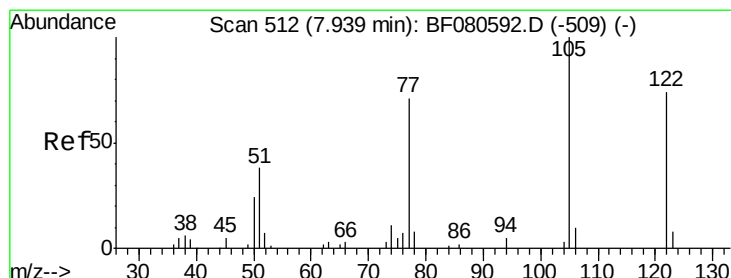
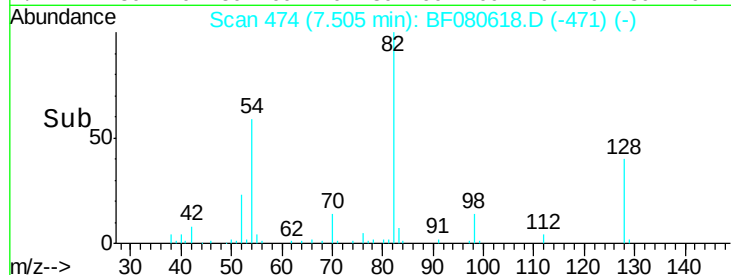
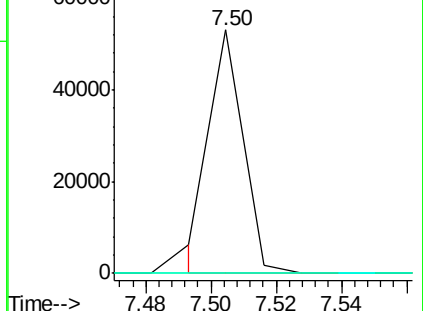
138 0.0 13.4 20.2#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#32

Benzoic acid

Concen: 8.33 ng

RT: 8.08 min Scan# 524

Delta R.T. 0.14 min

Lab File: BF080618.D

Acq: 24 Jul 2015 4:26

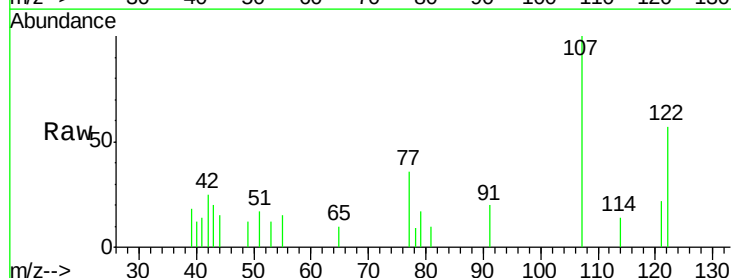
Tgt Ion: 122 Resp: 1358

Ion Ratio Lower Upper

122 100

105 0.0 112.5 152.5#

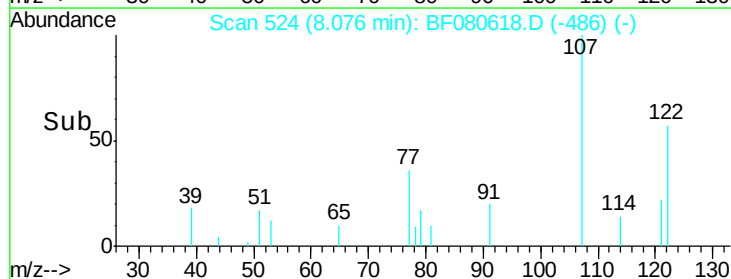
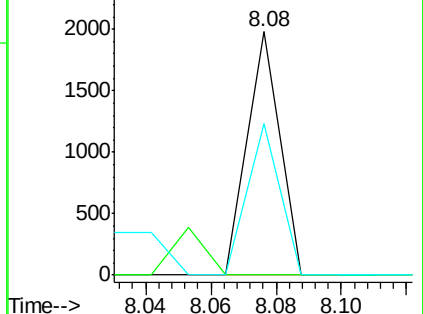
77 62.2 102.5 142.5#

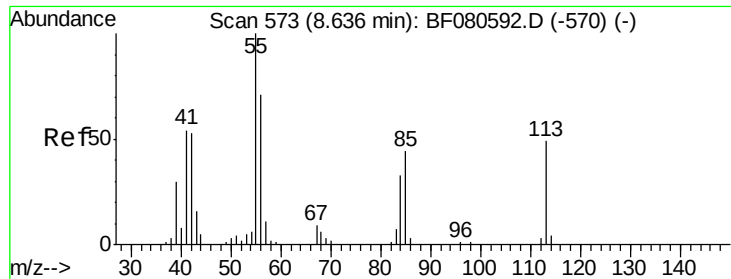


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

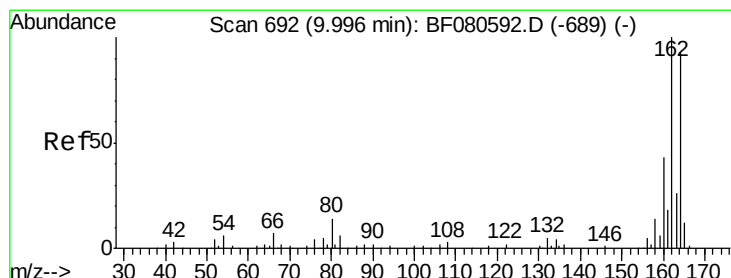
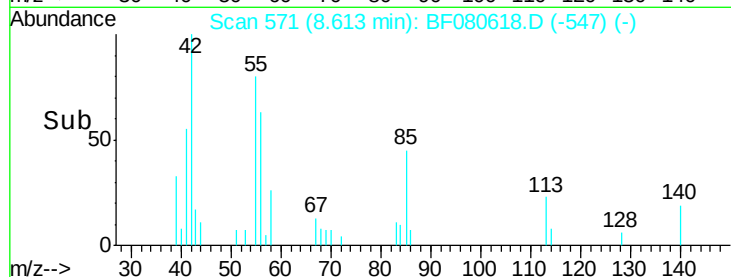
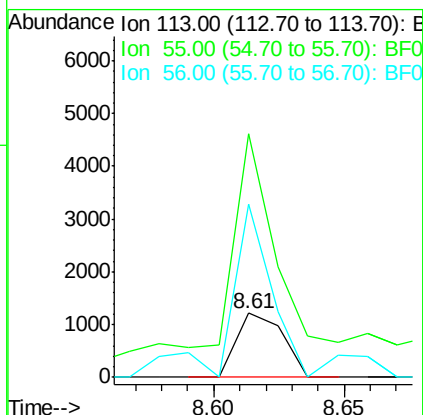
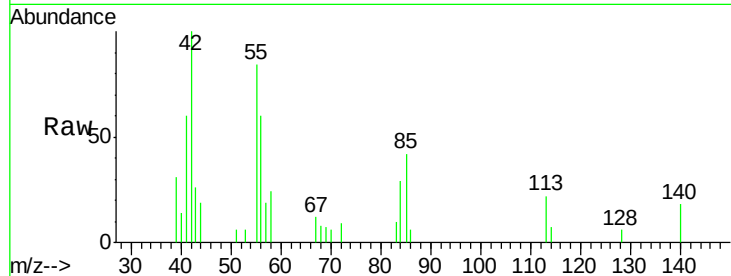




#35
 Caprolactam
 Concen: 2.94 ng
 RT: 8.61 min Scan# 571
 Delta R.T. -0.02 min
 Lab File: BF080618.D
 Acq: 24 Jul 2015 4:26

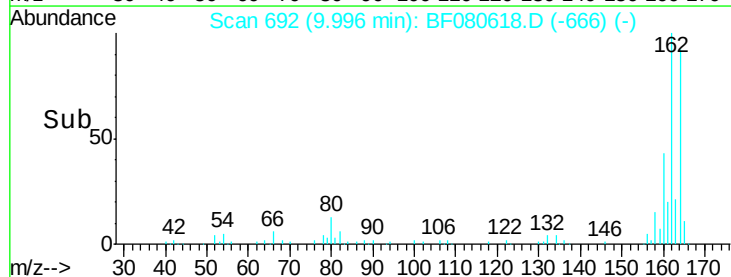
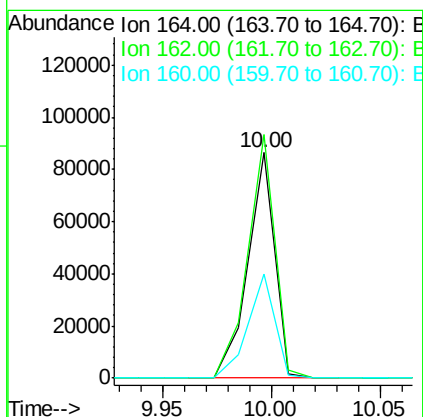
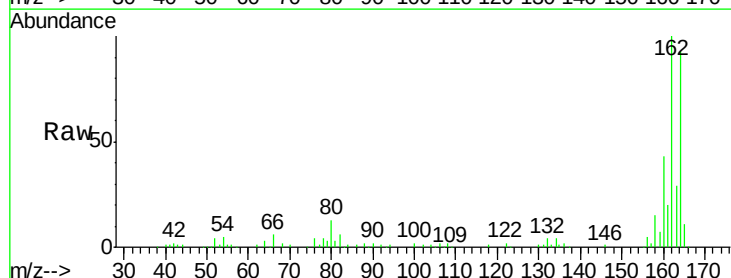
Instrument :
 BNA_F
 ClientSampleId :
 CONC2

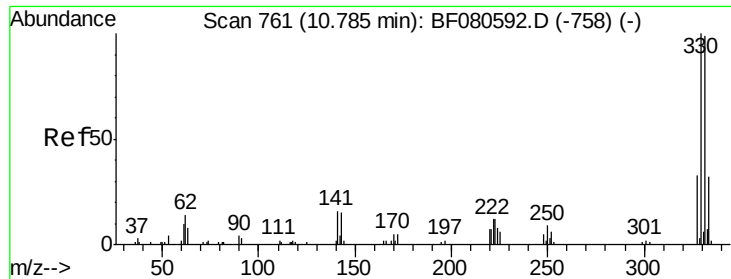
Tgt Ion:113 Resp: 1503
 Ion Ratio Lower Upper
 113 100
 55 379.3 259.3 299.3#
 56 270.3 171.6 211.6#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.00 min Scan# 692
 Delta R.T. 0.00 min
 Lab File: BF080618.D
 Acq: 24 Jul 2015 4:26

Tgt Ion:164 Resp: 73592
 Ion Ratio Lower Upper
 164 100
 162 107.9 82.2 123.4
 160 46.3 36.1 54.1

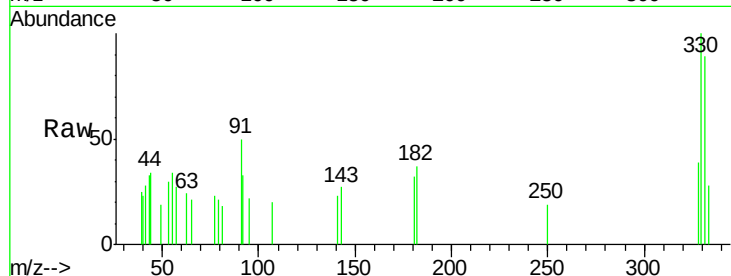




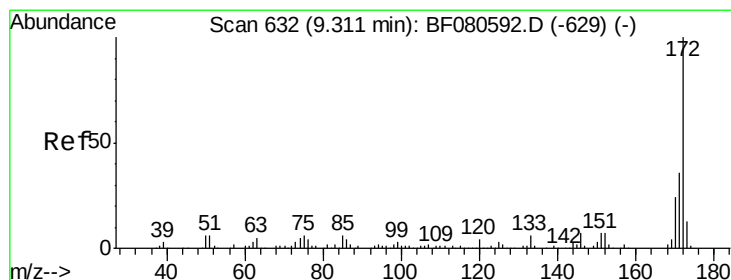
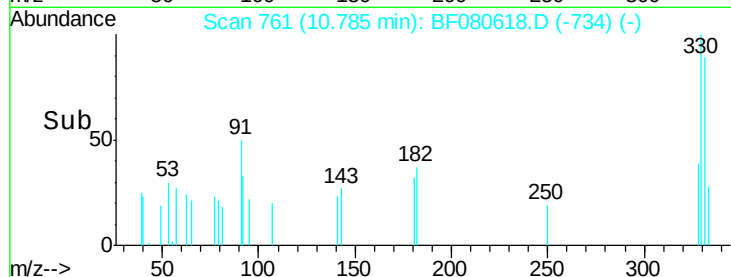
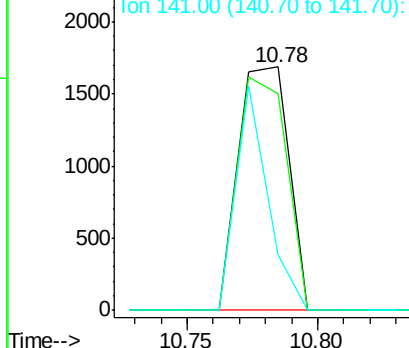
#41
 2,4,6-Tribromophenol
 Concen: 3.93 ng
 RT: 10.78 min Scan# 761
 Delta R.T. 0.01 min
 Lab File: BF080618.D
 Acq: 24 Jul 2015 4:26

Instrument :
 BNA_F
 ClientSampleId :
 CONC2

Tgt Ion: 330 Resp: 2289
 Ion Ratio Lower Upper
 330 100
 332 93.6 78.3 117.5
 141 58.0 37.9 56.9#

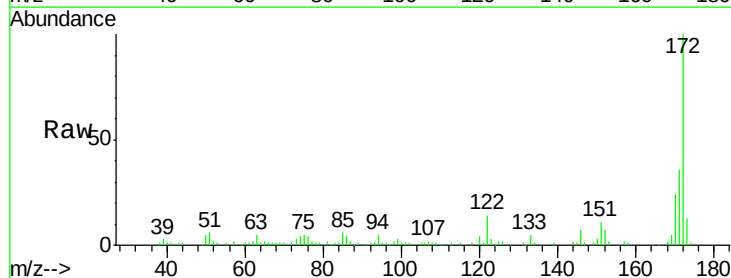


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

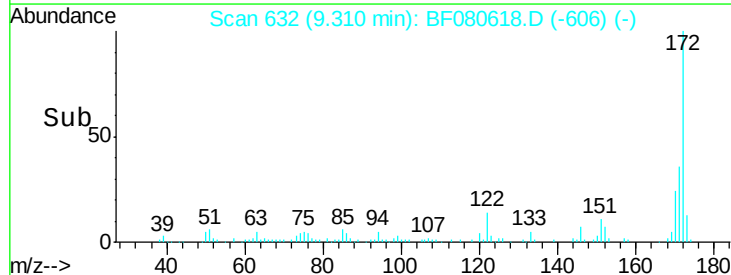
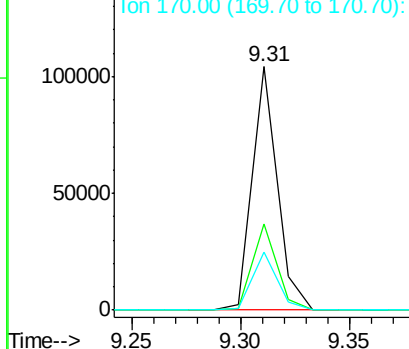


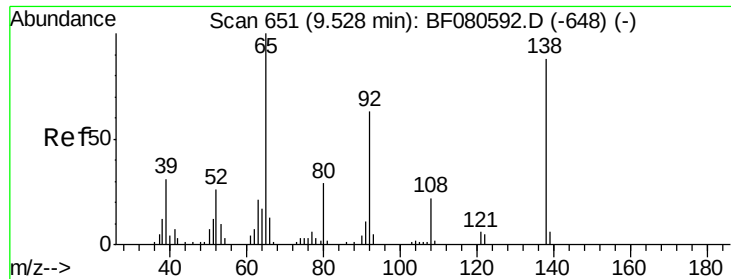
#44
 2-Fluorobiphenyl
 Concen: 16.33 ng
 RT: 9.31 min Scan# 632
 Delta R.T. 0.00 min
 Lab File: BF080618.D
 Acq: 24 Jul 2015 4:26

Tgt Ion: 172 Resp: 82844
 Ion Ratio Lower Upper
 172 100
 171 35.6 27.7 41.5
 170 24.0 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





#47

2-Nitroaniline

Concen: 4.84 ng

RT: 9.53 min Scan# 651

Delta R.T. 0.00 min

Lab File: BF080618.D

Acq: 24 Jul 2015 4:26

Instrument :

BNA_F

ClientSampleId :

CONC2

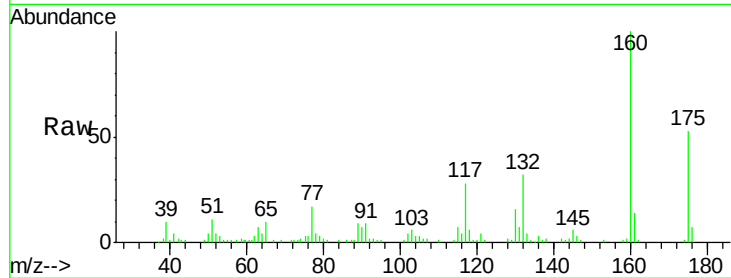
Tgt Ion: 65 Resp: 7152

Ion Ratio Lower Upper

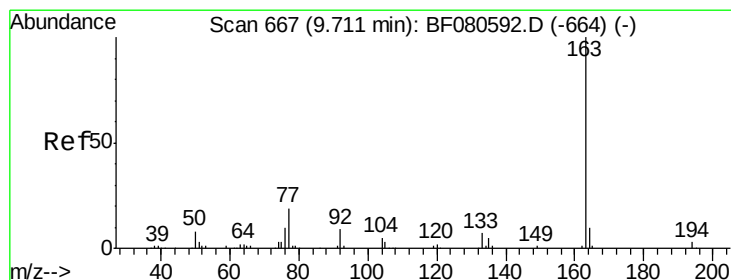
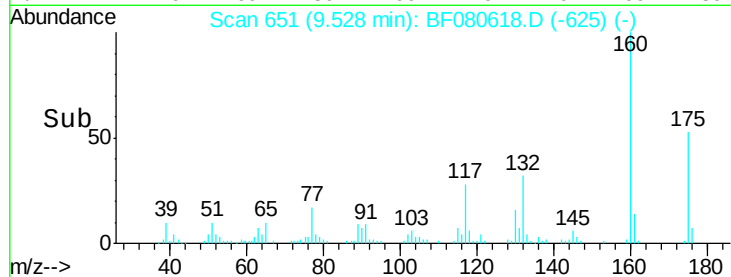
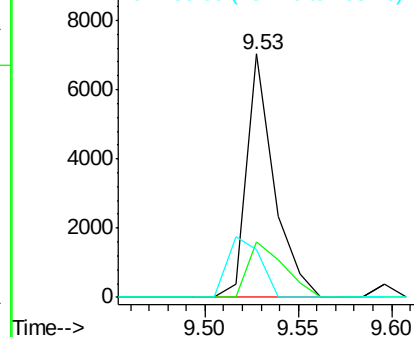
65 100

92 22.6 48.7 73.1#

138 19.4 66.8 100.2#



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E



#49

Dimethylphthalate

Concen: 3.05 ng

RT: 9.71 min Scan# 667

Delta R.T. 0.00 min

Lab File: BF080618.D

Acq: 24 Jul 2015 4:26

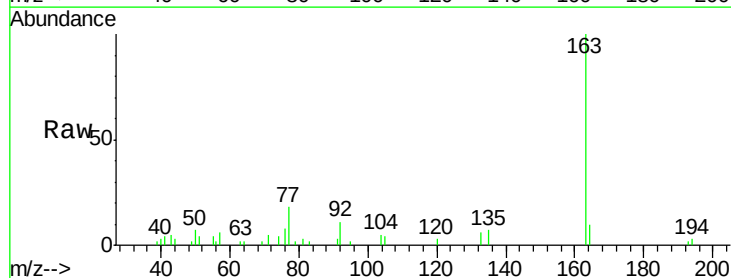
Tgt Ion: 163 Resp: 16493

Ion Ratio Lower Upper

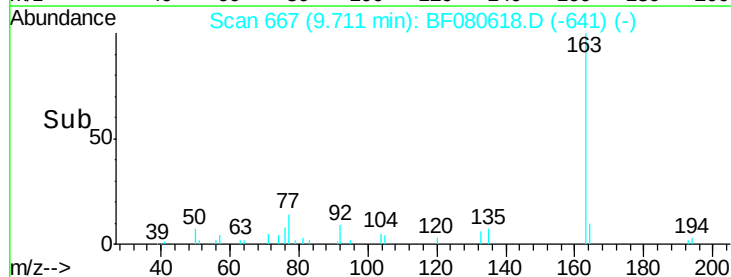
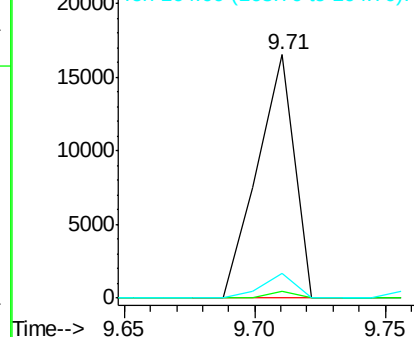
163 100

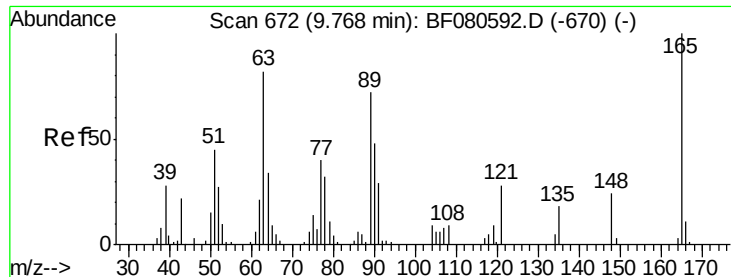
194 3.0 2.5 3.7

164 10.2 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

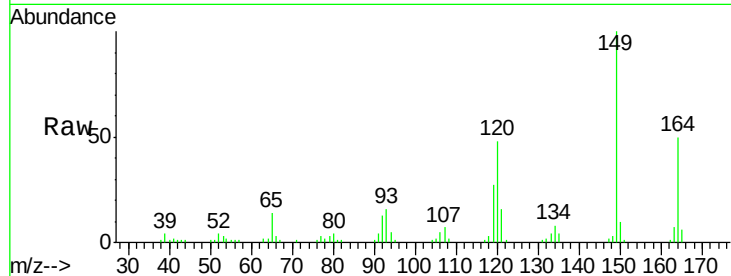




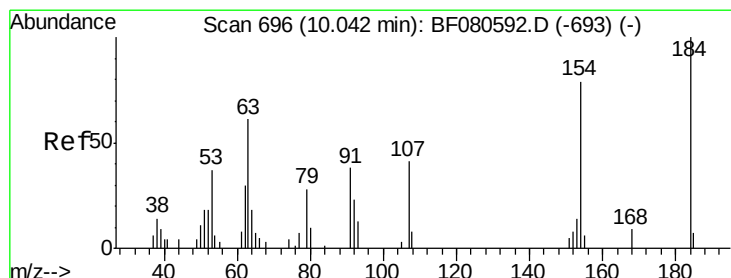
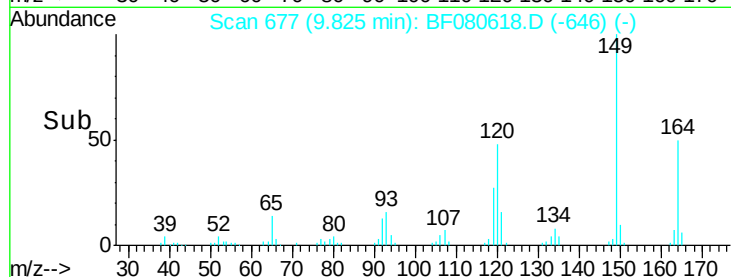
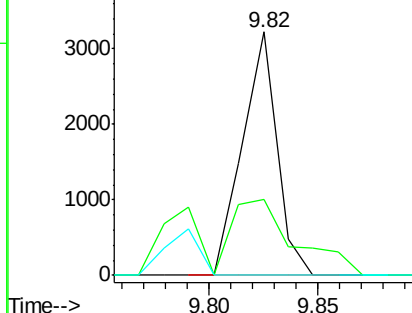
#50
 2,6-Dinitrotoluene
 Concen: 3.52 ng
 RT: 9.82 min Scan# 677
 Delta R.T. 0.06 min
 Lab File: BF080618.D
 Acq: 24 Jul 2015 4:26

Instrument :
 BNA_F
 ClientSampleId :
 CONC2

Tgt Ion:165 Resp: 3564
 Ion Ratio Lower Upper
 165 100
 63 30.9 59.0 88.6#
 89 0.0 56.9 85.3#

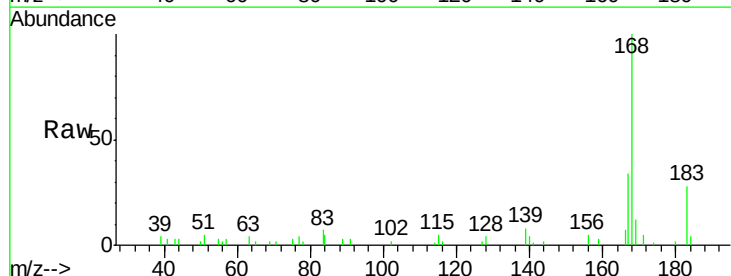


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

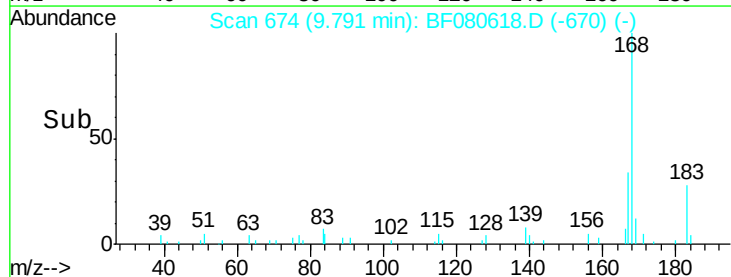
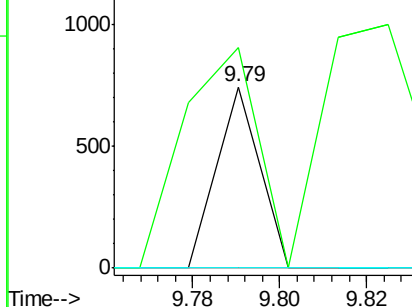


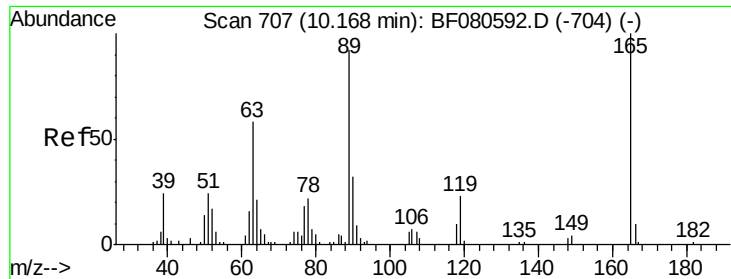
#53
 2,4-Dinitrophenol
 Concen: 5.74 ng
 RT: 9.79 min Scan# 674
 Delta R.T. -0.25 min
 Lab File: BF080618.D
 Acq: 24 Jul 2015 4:26

Tgt Ion:184 Resp: 510
 Ion Ratio Lower Upper
 184 100
 63 121.5 54.9 82.3#
 154 0.0 94.2 141.4#



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

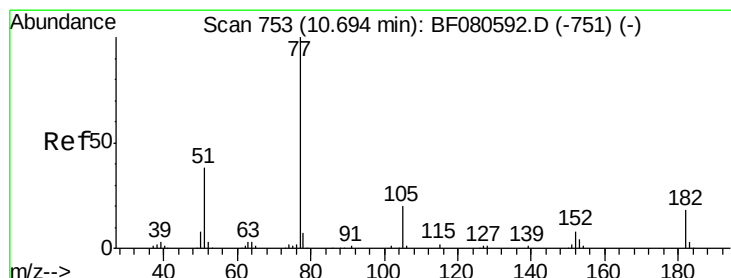
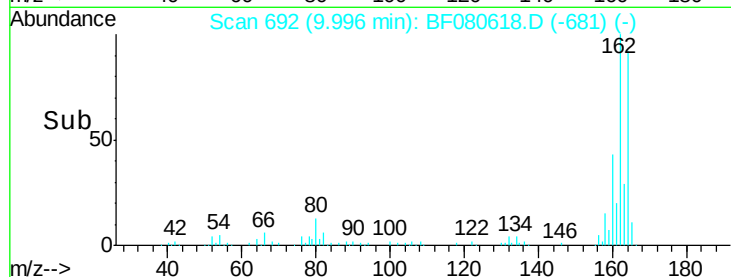
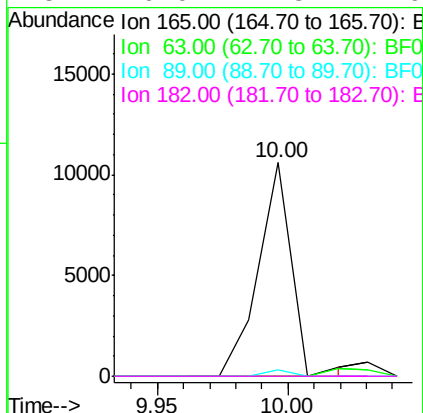
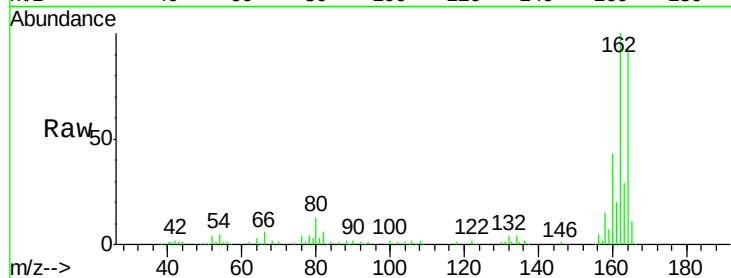




#56
2,4-Dinitrotoluene
Concen: 7.48 ng
RT: 10.00 min Scan# 692
Delta R.T. -0.17 min
Lab File: BF080618.D
Acq: 24 Jul 2015 4:26

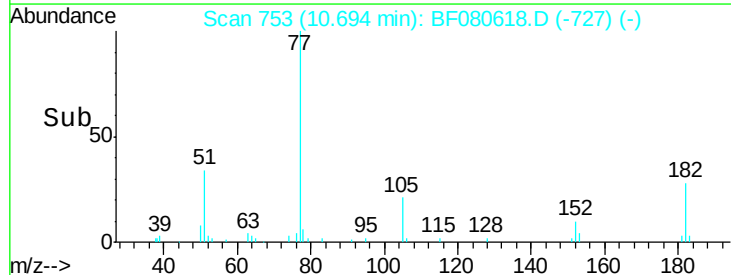
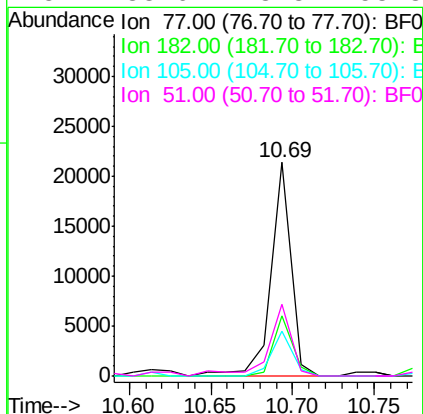
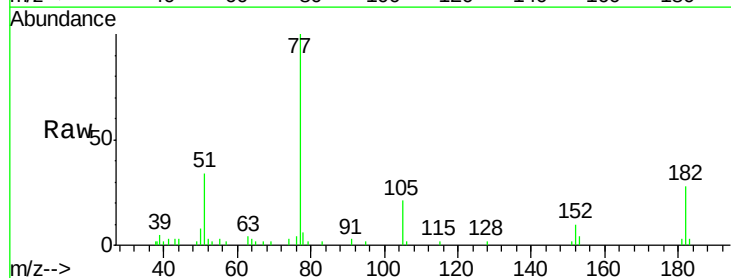
Instrument :
BNA_F
ClientSampleId :
CONC2

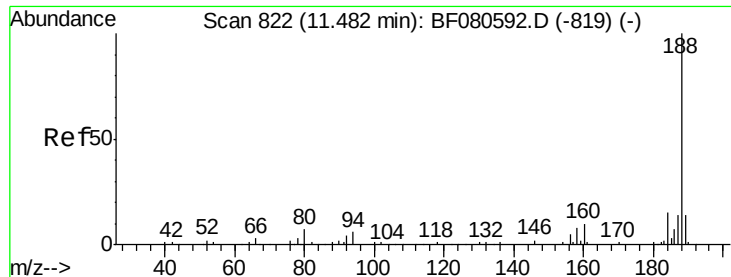
Tgt Ion:165 Resp: 9491
Ion Ratio Lower Upper
165 100
63 0.0 48.1 72.1#
89 2.8 77.4 116.0#
182 0.0 1.3 1.9#



#62
Azobenzene
Concen: 3.48 ng
RT: 10.69 min Scan# 753
Delta R.T. 0.00 min
Lab File: BF080618.D
Acq: 24 Jul 2015 4:26

Tgt Ion: 77 Resp: 18410
Ion Ratio Lower Upper
77 100
182 28.2 0.0 37.8
105 20.9 0.1 40.1
51 33.6 18.8 58.8

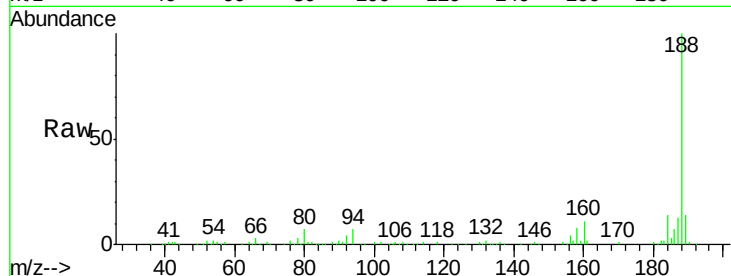




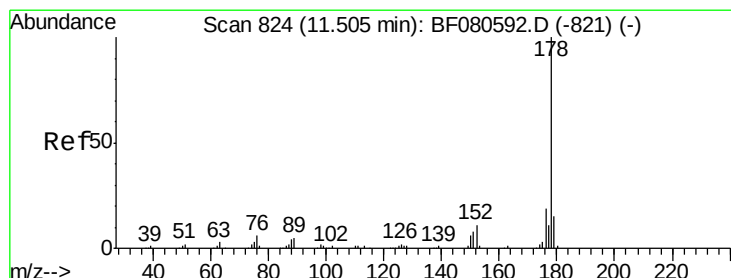
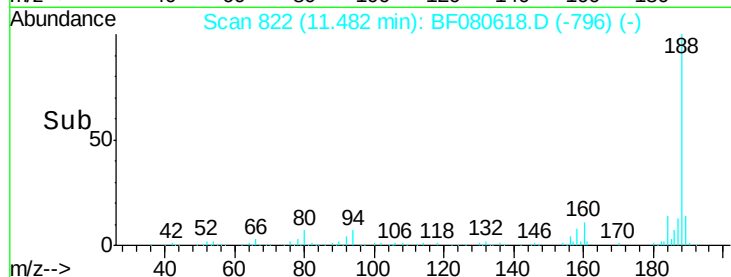
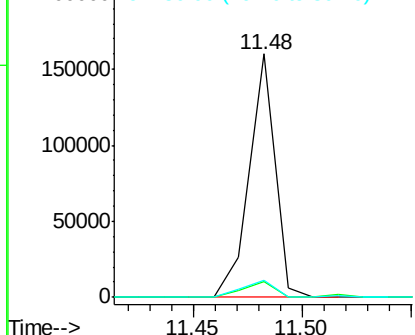
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.48 min Scan# 822
Delta R.T. 0.00 min
Lab File: BF080618.D
Acq: 24 Jul 2015 4:26

Instrument :
BNA_F
ClientSampleId :
CONC2

Tgt Ion:188 Resp: 132640
Ion Ratio Lower Upper
188 100
94 6.6 6.1 9.1
80 7.2 7.0 10.6

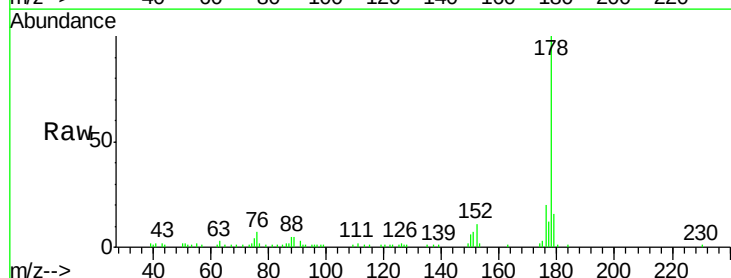


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

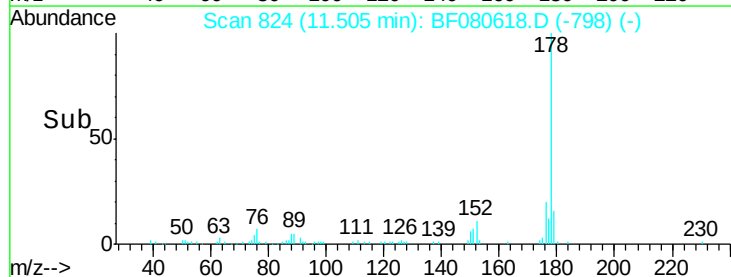
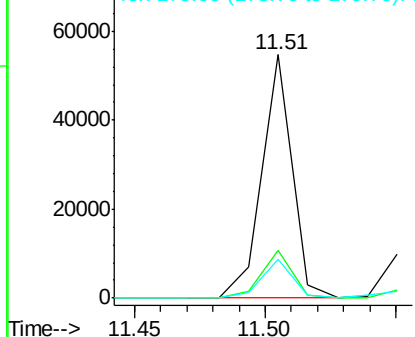


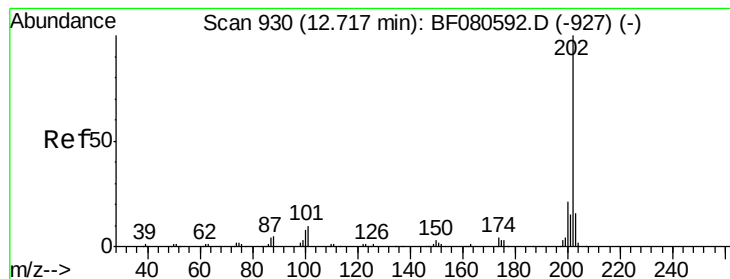
#70
Phenanthrene
Concen: 5.93 ng
RT: 11.51 min Scan# 824
Delta R.T. 0.00 min
Lab File: BF080618.D
Acq: 24 Jul 2015 4:26

Tgt Ion:178 Resp: 44368
Ion Ratio Lower Upper
178 100
176 19.5 15.2 22.8
179 15.9 12.5 18.7



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





#74

Fluoranthene

Concen: 9.08 ng

RT: 12.71 min Scan# 929

Delta R.T. 0.01 min

Lab File: BF080618.D

Acq: 24 Jul 2015 4:26

Instrument :

BNA_F

ClientSampleId :

CONC2

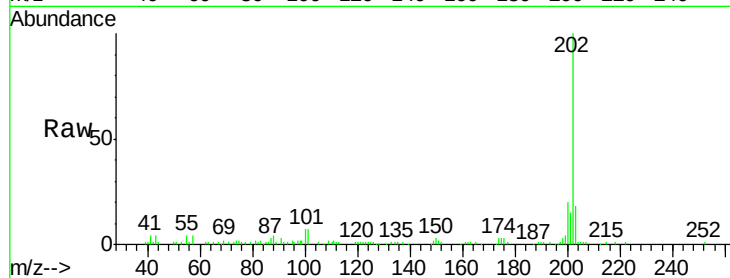
Tgt Ion:202 Resp: 60854

Ion Ratio Lower Upper

202 100

101 7.4 0.0 31.1

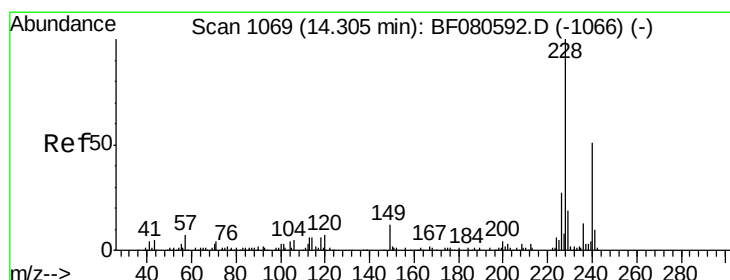
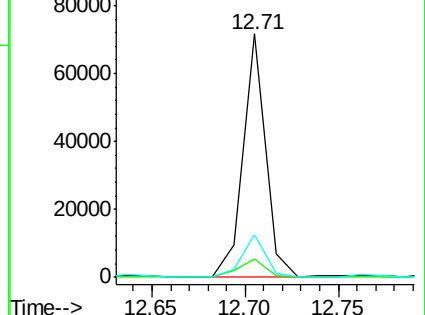
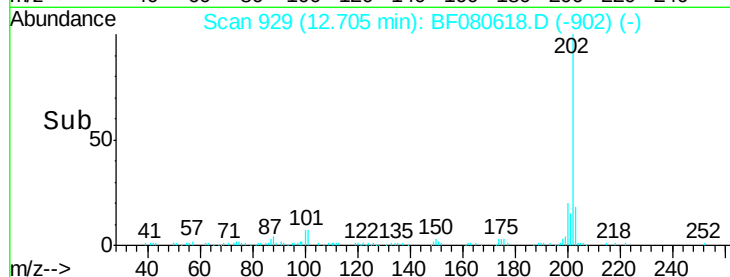
203 17.6 0.0 37.5



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.25 min Scan# 1064

Delta R.T. 0.07 min

Lab File: BF080618.D

Acq: 24 Jul 2015 4:26

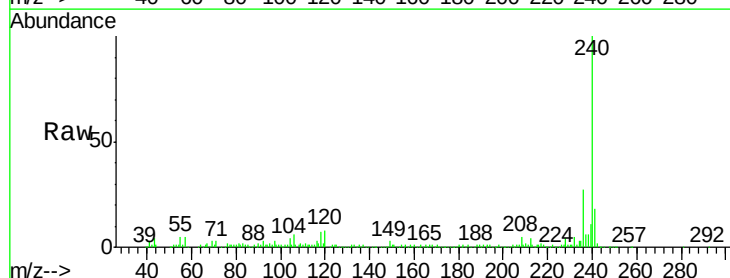
Tgt Ion:240 Resp: 171633

Ion Ratio Lower Upper

240 100

120 8.4 9.9 14.9#

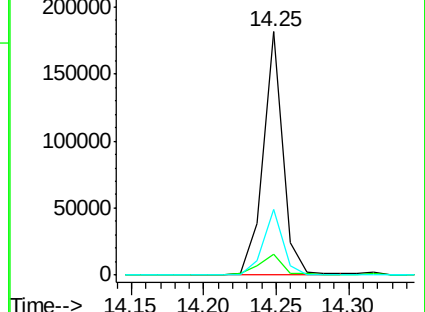
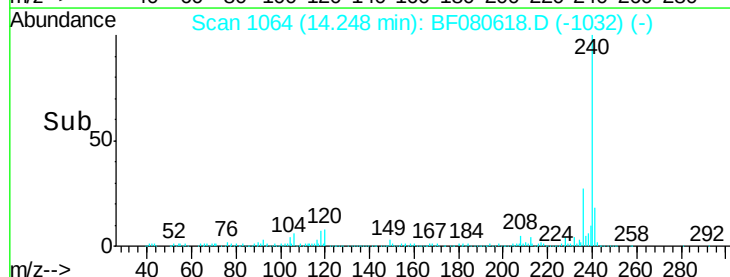
236 26.8 19.1 28.7

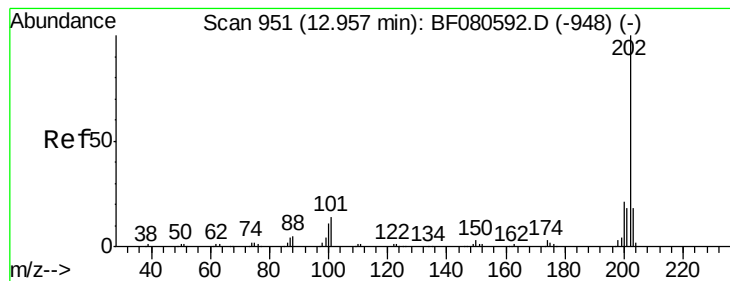


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 4.93 ng

RT: 12.95 min Scan# 950

Delta R.T. 0.02 min

Lab File: BF080618.D

Acq: 24 Jul 2015 4:26

Instrument :

BNA_F

ClientSampleId :

CONC2

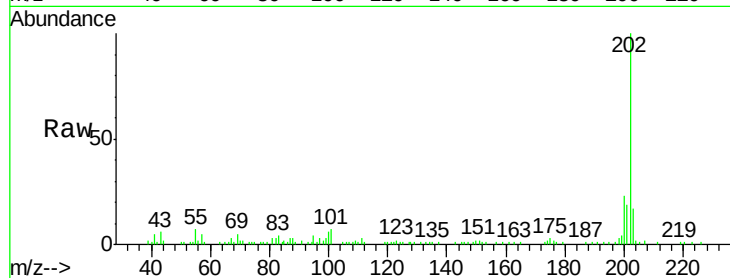
Tgt Ion: 202 Resp: 56750

Ion Ratio Lower Upper

202 100

200 22.6 16.9 25.3

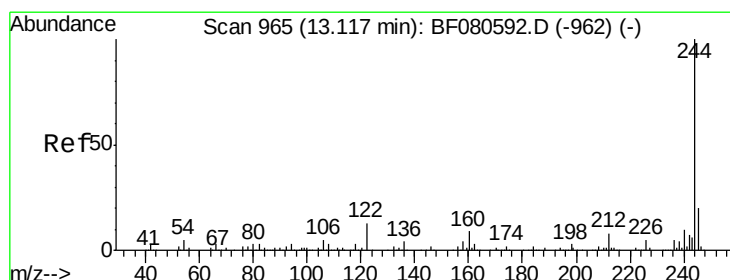
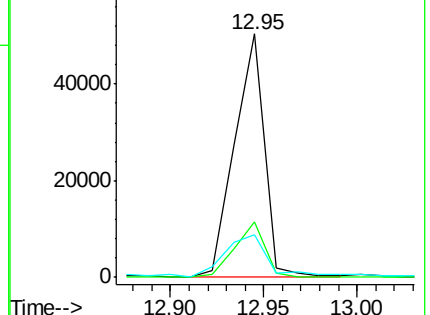
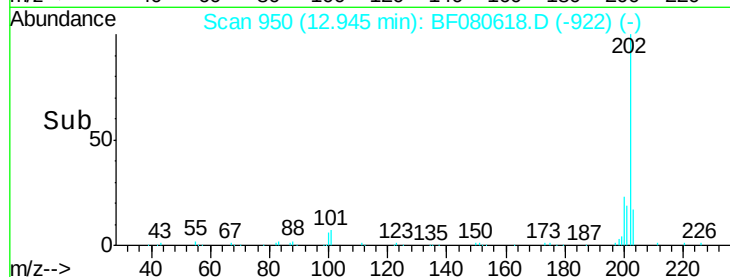
203 17.4 14.5 21.7



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: 10.46 ng

RT: 13.09 min Scan# 963

Delta R.T. 0.02 min

Lab File: BF080618.D

Acq: 24 Jul 2015 4:26

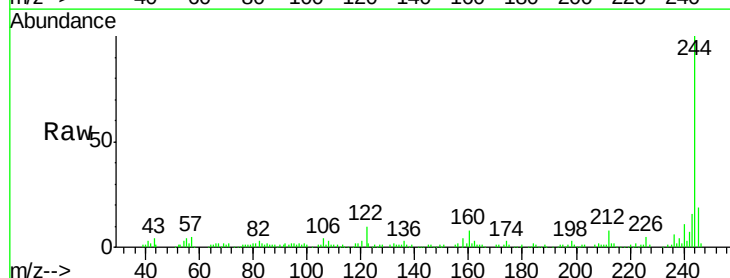
Tgt Ion: 244 Resp: 85821

Ion Ratio Lower Upper

244 100

212 7.9 6.0 9.0

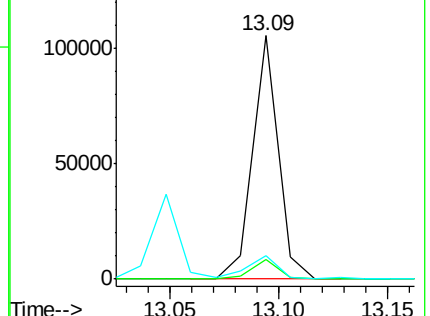
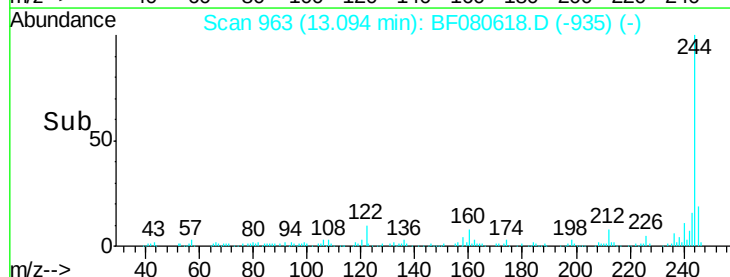
122 9.7 8.2 12.2

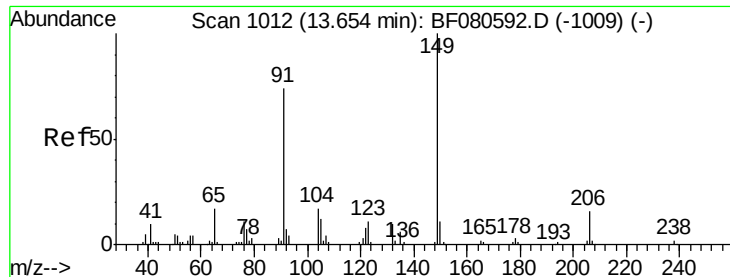


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

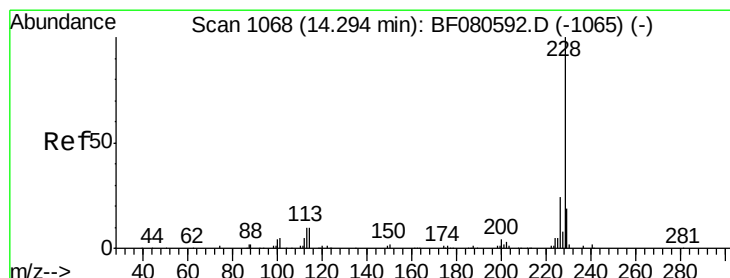
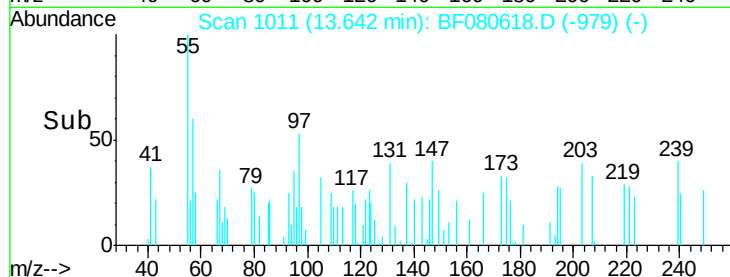
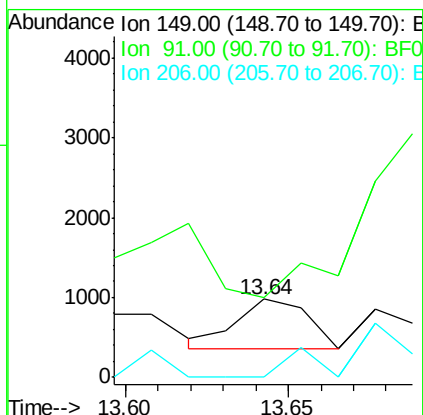
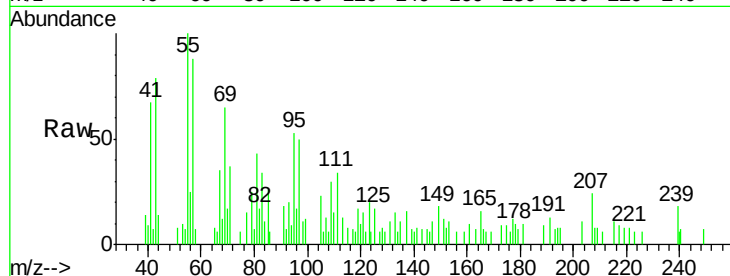




#79
Butylbenzylphthalate
Concen: 5.51 ng
RT: 13.64 min Scan# 1011
Delta R.T. 0.07 min
Lab File: BF080618.D
Acq: 24 Jul 2015 4:26

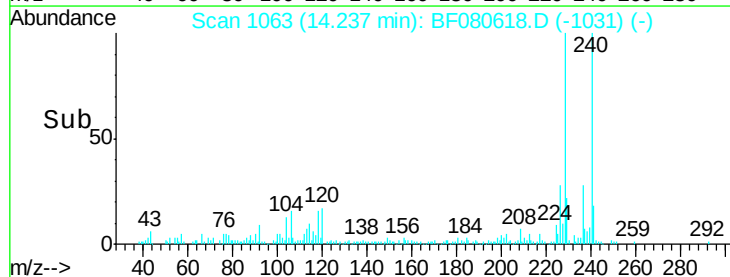
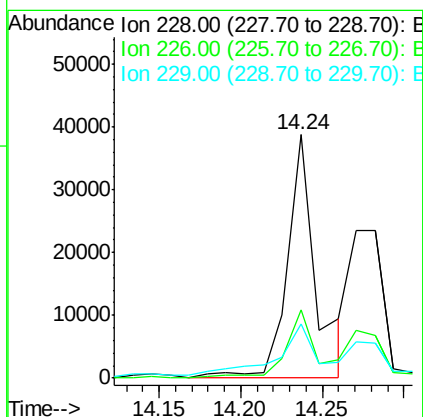
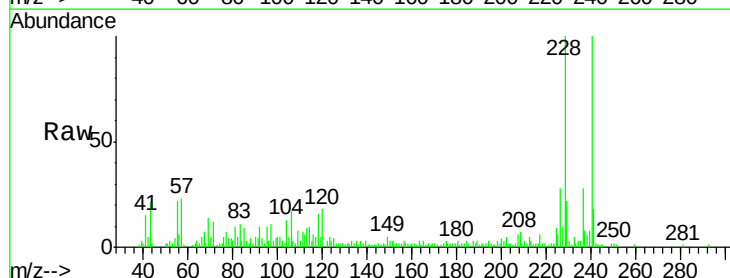
Instrument :
BNA_F
ClientSampleId :
CONC2

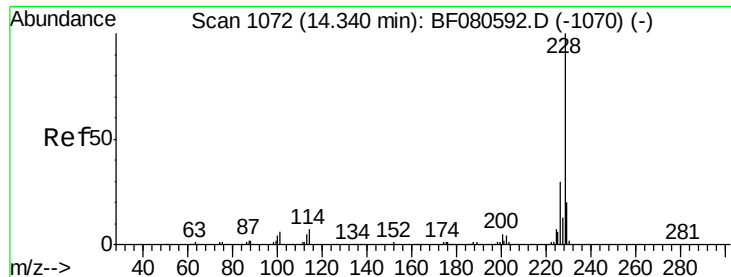
Tgt Ion:149 Resp: 942
Ion Ratio Lower Upper
149 100
91 101.8 53.0 79.6#
206 0.0 15.0 22.6#



#80
Benzo(a)anthracene
Concen: 4.88 ng
RT: 14.24 min Scan# 1063
Delta R.T. 0.07 min
Lab File: BF080618.D
Acq: 24 Jul 2015 4:26

Tgt Ion:228 Resp: 47202
Ion Ratio Lower Upper
228 100
226 28.0 22.0 33.0
229 22.4 15.7 23.5





#82

Chrysene

Concen: 4.90 ng

RT: 14.24 min Scan# 1063

Delta R.T. 0.02 min

Lab File: BF080618.D

Acq: 24 Jul 2015 4:26

Instrument :

BNA_F

ClientSampled :

CONC2

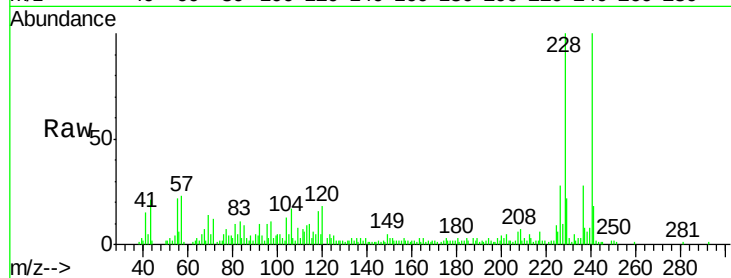
Tgt Ion: 228 Resp: 47202

Ion Ratio Lower Upper

228 100

226 28.0 23.0 34.6

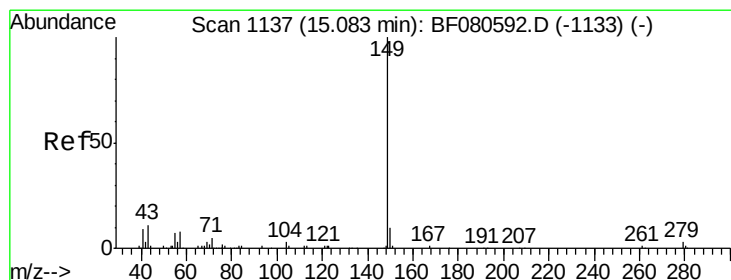
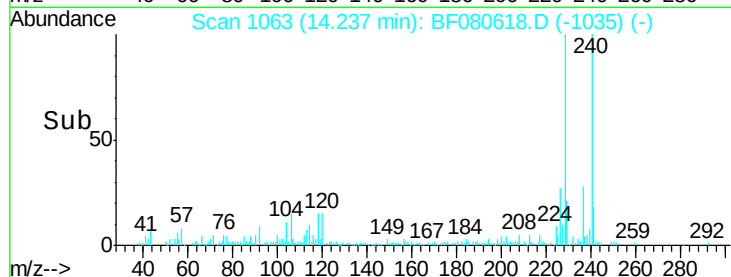
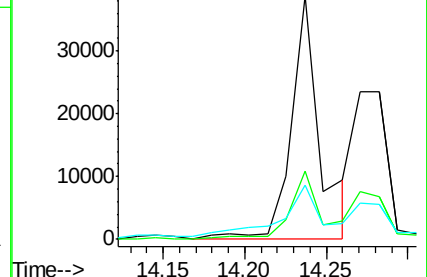
229 22.4 15.0 22.4



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



#84

Di-n-octyl phthalate

Concen: 6.51 ng

RT: 14.98 min Scan# 1128

Delta R.T. 0.11 min

Lab File: BF080618.D

Acq: 24 Jul 2015 4:26

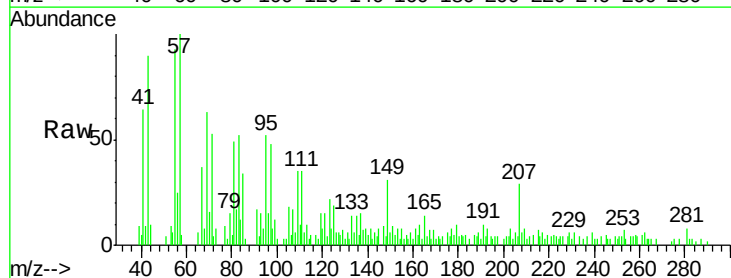
Tgt Ion: 149 Resp: 5273

Ion Ratio Lower Upper

149 100

167 0.0 1.2 1.8#

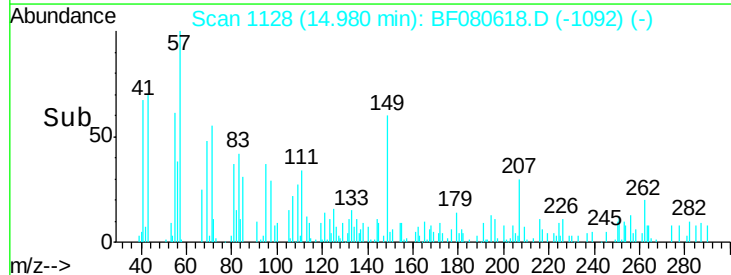
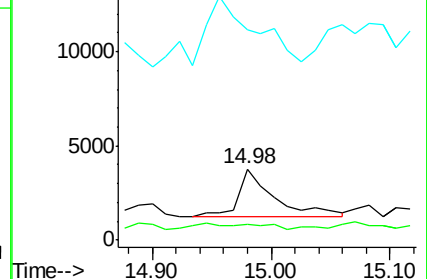
43 0.0 12.5 18.7#

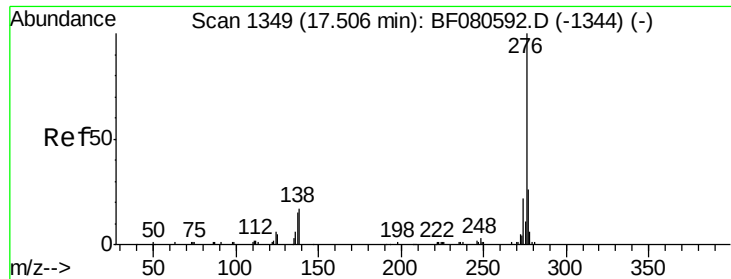


Abundance Ion 149.00 (148.70 to 149.70): E

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: 3.52 ng

RT: 17.40 min Scan# 1340

Delta R.T. 0.16 min

Lab File: BF080618.D

Acq: 24 Jul 2015 4:26

Instrument :

BNA_F

ClientSampleId :

CONC2

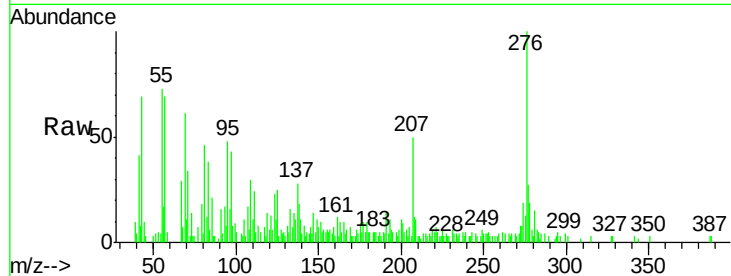
Tgt Ion:276 Resp: 25662

Ion Ratio Lower Upper

276 100

138 22.2 18.9 28.3

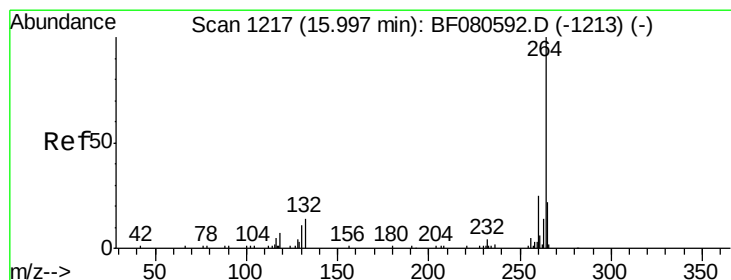
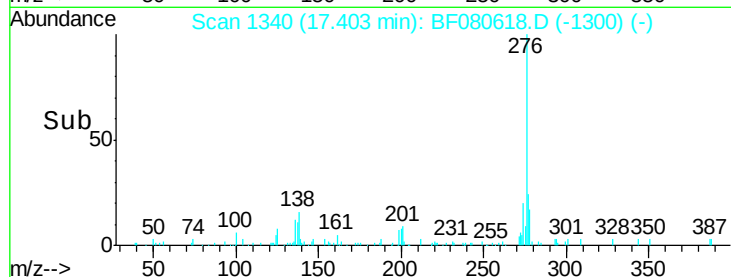
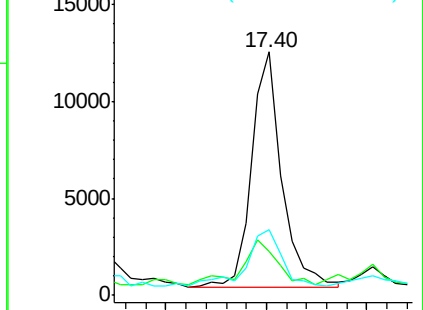
277 27.8 19.9 29.9



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

Perylene-d12

Concen: 20.00 ng

RT: 15.89 min Scan# 1208

Delta R.T. 0.15 min

Lab File: BF080618.D

Acq: 24 Jul 2015 4:26

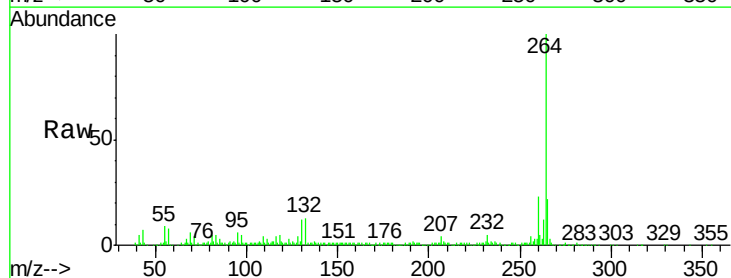
Tgt Ion:264 Resp: 187698

Ion Ratio Lower Upper

264 100

260 23.1 17.8 26.8

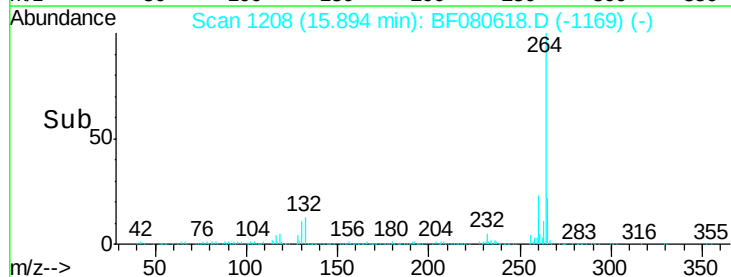
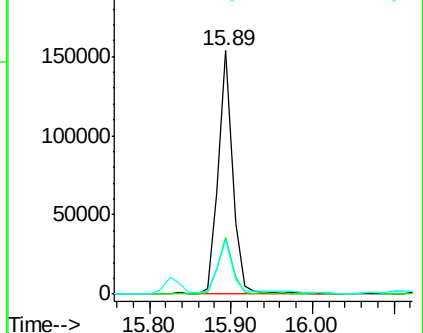
265 22.3 15.6 23.4

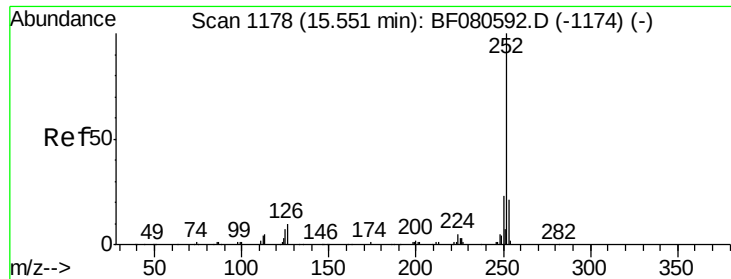


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 5.92 ng

RT: 15.45 min Scan# 1169

Delta R.T. 0.14 min

Lab File: BF080618.D

Acq: 24 Jul 2015 4:26

Instrument :

BNA_F

ClientSampleId :

CONC2

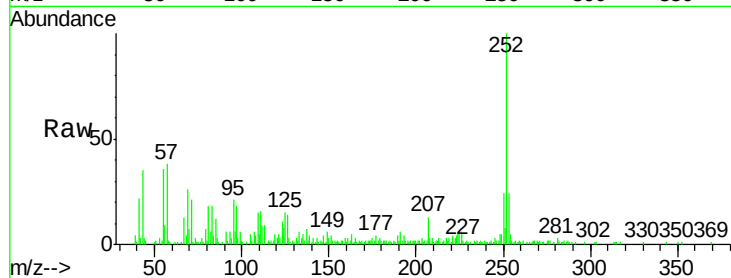
Tgt Ion:252 Resp: 67618

Ion Ratio Lower Upper

252 100

253 23.9 16.6 25.0

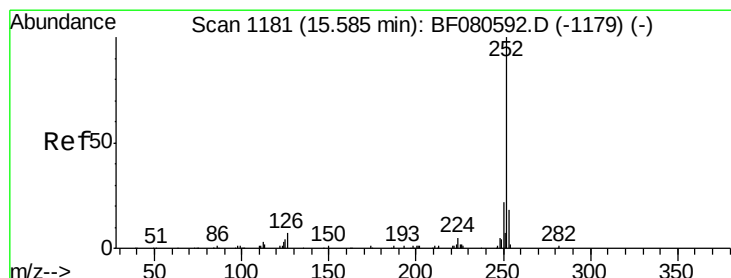
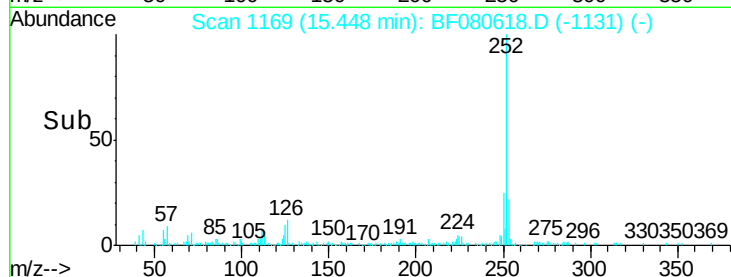
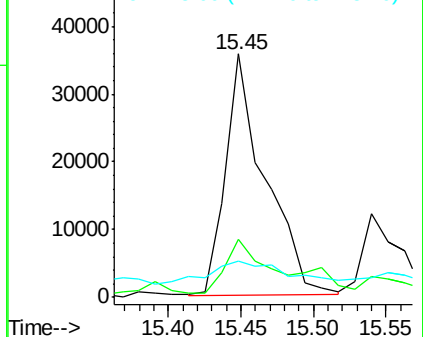
125 15.1 6.1 9.1#



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: 5.96 ng

RT: 15.45 min Scan# 1169

Delta R.T. 0.10 min

Lab File: BF080618.D

Acq: 24 Jul 2015 4:26

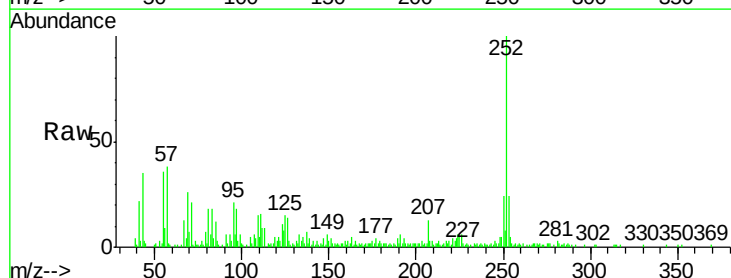
Tgt Ion:252 Resp: 67754

Ion Ratio Lower Upper

252 100

253 23.9 17.0 25.6

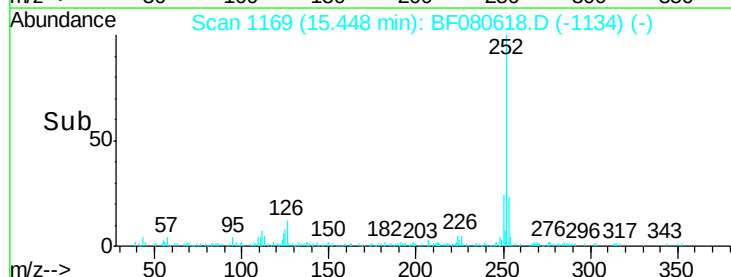
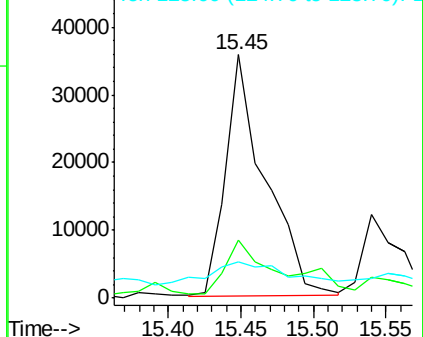
125 15.1 8.6 13.0#

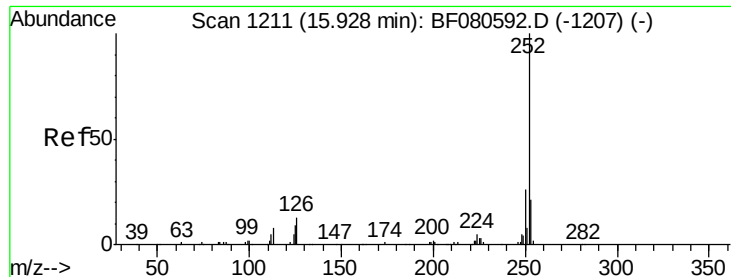


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

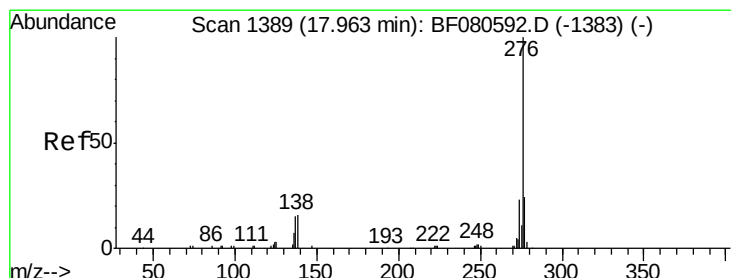
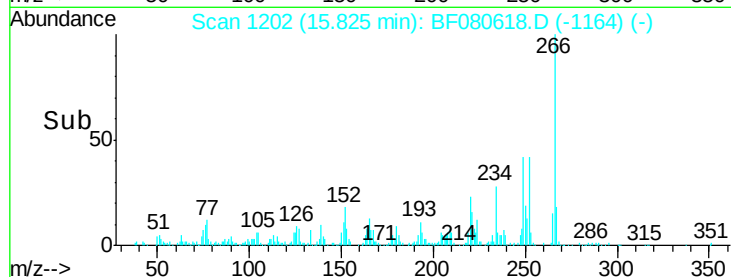
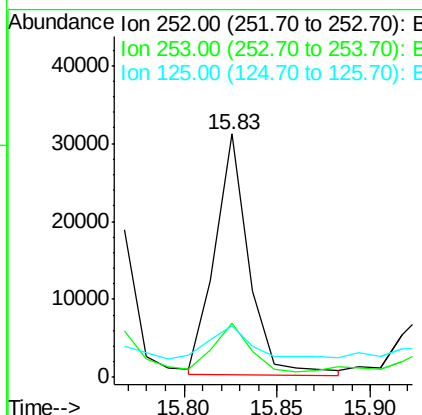
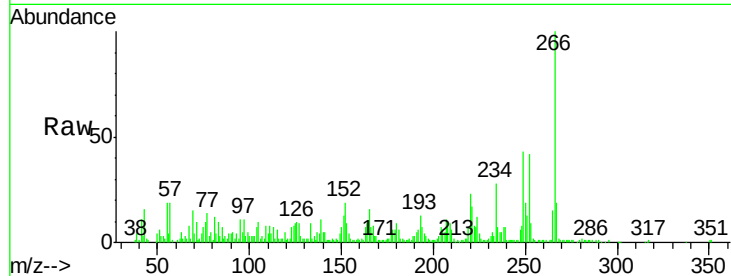




#89
Benzo(a)pyrene
Concen: 3.89 ng
RT: 15.83 min Scan# 1202
Delta R.T. 0.14 min
Lab File: BF080618.D
Acq: 24 Jul 2015 4:26

Instrument :
BNA_F
ClientSampleId :
CONC2

Tgt Ion: 252 Resp: 39420
Ion Ratio Lower Upper
252 100
253 22.1 19.0 28.6
125 21.4 11.2 16.8#



#91
Benzo(g,h,i)perylene
Concen: 3.26 ng
RT: 17.85 min Scan# 1379
Delta R.T. 0.17 min
Lab File: BF080618.D
Acq: 24 Jul 2015 4:26

Tgt Ion: 276 Resp: 31878
Ion Ratio Lower Upper
276 100
277 25.6 18.0 27.0
138 29.1 17.8 26.6#

