

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050716\
 Data File : BF086808.D
 Acq On : 8 May 2016 7:40
 Operator : UM/SJ
 Sample : H2720-08
 Misc :
 ALS Vial : 76 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS4

Quant Time: May 09 00:56:52 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 04 15:12:53 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	197159	40.00	ng	-0.03
21) Naphthalene-d8	7.98	136	724983	40.00	ng	-0.05
38) Acenaphthene-d10	9.73	164	307656	40.00	ng	-0.05
63) Phenanthrene-d10	11.22	188	528189	40.00	ng	-0.03
75) Chrysene-d12	13.85	240	341638	40.00	ng	-0.03
86) Perylene-d12	15.23	264	335179	40.00	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.31	112	1298650	109.04	ng	-0.01
7) Phenol-d6	6.37	99	1851232	115.40	ng	0.00
23) Nitrobenzene-d5	7.28	82	1168783	82.84	ng	-0.03
41) 2,4,6-Tribromophenol	10.53	330	388644	129.14	ng	-0.03
44) 2-Fluorobiphenyl	9.07	172	1550630	82.62	ng	-0.03
78) Terphenyl-d14	12.80	244	1008824	59.68	ng	-0.05

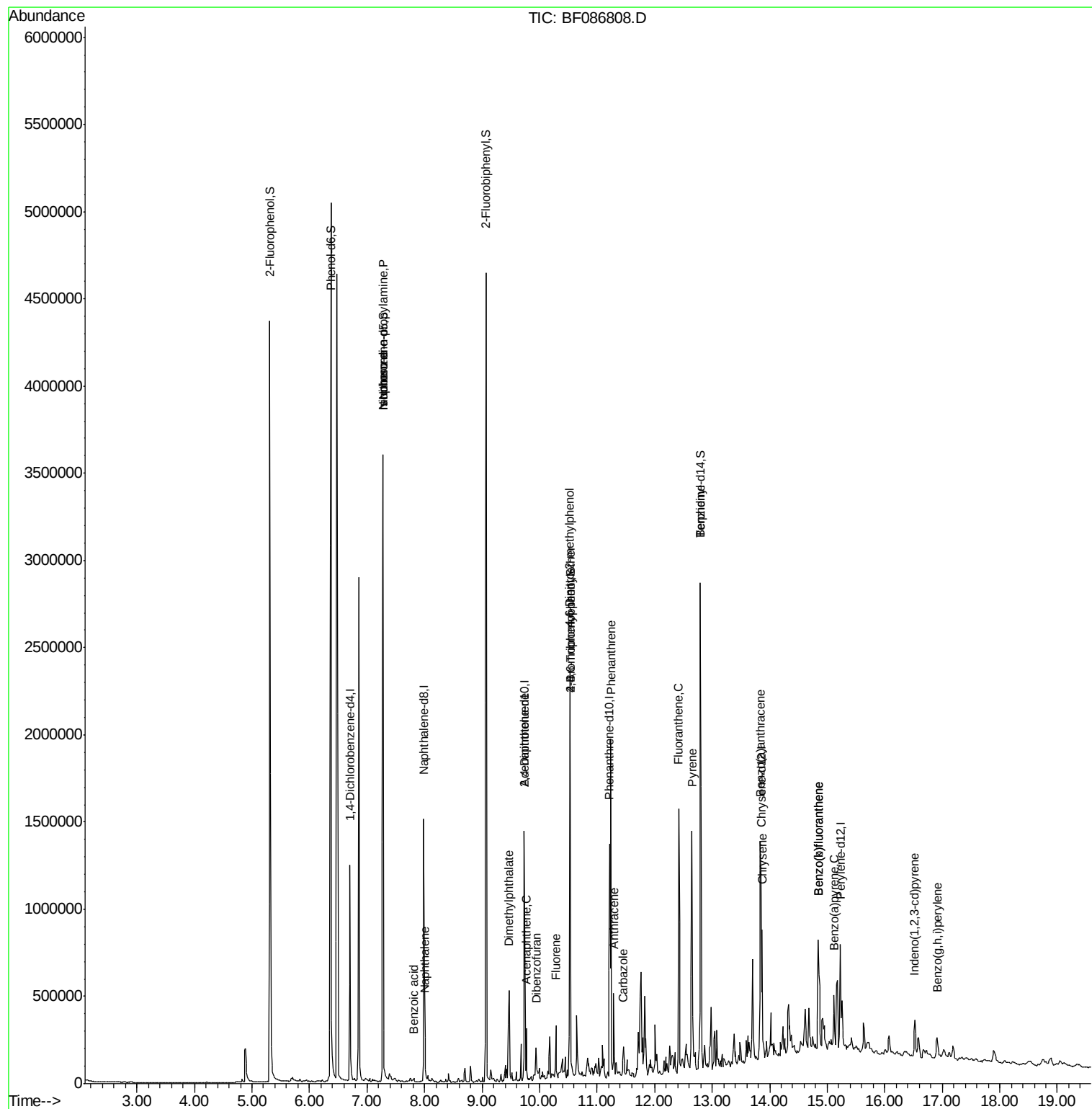
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.28	70	170833	15.59	ng	# 73
25) Isophorone	7.28	82	1135720	43.23	ng	# 68
31) Naphthalene	8.01	128	93177	2.52	ng	# 99
32) Benzoic acid	7.81	122	1672	8.73	ng	# 52
49) Dimethylphthalate	9.47	163	243902	10.63	ng	# 98
51) Acenaphthene	9.77	154	59115	3.11	ng	# 96
54) Dibenzofuran	9.94	168	51517	2.19	ng	# 93
56) 2,4-Dinitrotoluene	9.73	165	40968	6.72	ng	# 16
57) Fluorene	10.28	166	80809	4.23	ng	# 98
64) 4,6-Dinitro-2-methylphenol	10.52	198	1026	5.65	ng	# 1
66) 4-Bromophenyl-phenylether	10.53	248	22402	4.27	ng	# 1
70) Phenanthrene	11.24	178	711957	25.09	ng	# 100
71) Anthracene	11.29	178	203620	6.85	ng	# 99
72) Carbazole	11.46	167	84680	3.28	ng	# 98
74) Fluoranthene	12.42	202	704709	24.79	ng	# 98
76) Benzidine	12.80	184	15978	8.55	ng	# 98
77) Pyrene	12.65	202	550088	20.20	ng	# 98
80) Benzo(a)anthracene	13.84	228	372797	19.29	ng	# 99
82) Chrysene	13.87	228	216910	10.52	ng	# 97
85) Indeno(1,2,3-cd)pyrene	16.52	276	120407	6.81	ng	# 87
87) Benzo(b)fluoranthene	14.84	252	447835	22.24	ng	# 98
88) Benzo(k)fluoranthene	14.84	252	447835	23.60	ng	# 99
89) Benzo(a)pyrene	15.12	252	144374	7.78	ng	# 97
91) Benzo(g,h,i)perylene	16.91	276	95650	5.11	ng	# 93

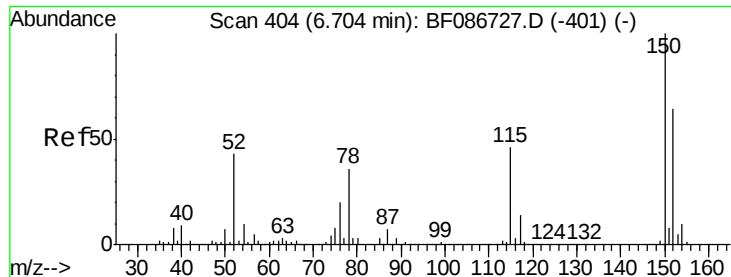
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 40.00 ng

RT: 6.70 min Scan# 404

Delta R.T. -0.03 min

Lab File: BF086808.D

Acq: 8 May 2016 7:40

Instrument :

BNA_F

ClientSampled :

SS4

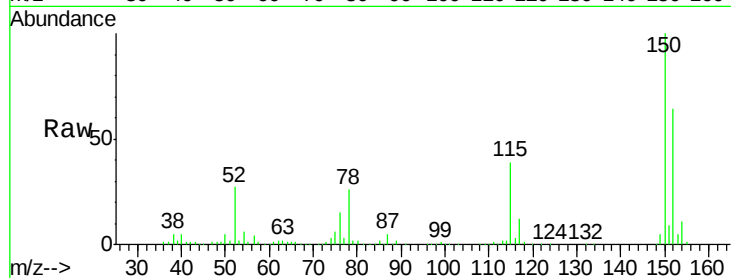
Tgt Ion:152 Resp: 197159

Ion Ratio Lower Upper

152 100

150 156.0 125.8 188.6

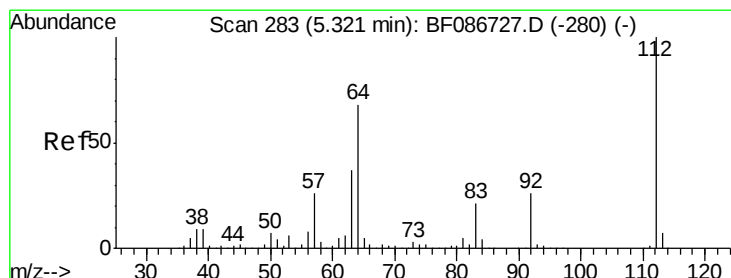
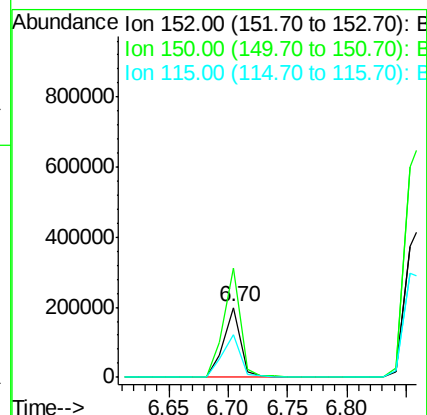
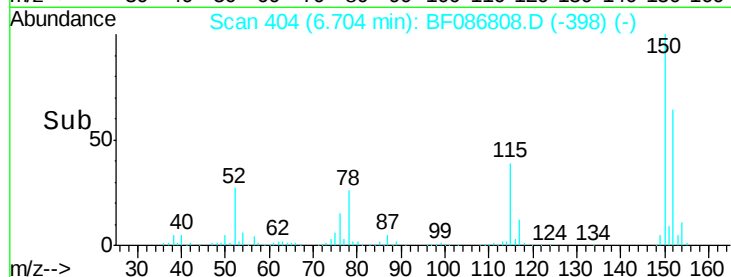
115 60.1 51.5 77.3



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: 109.04 ng

RT: 5.31 min Scan# 282

Delta R.T. -0.01 min

Lab File: BF086808.D

Acq: 8 May 2016 7:40

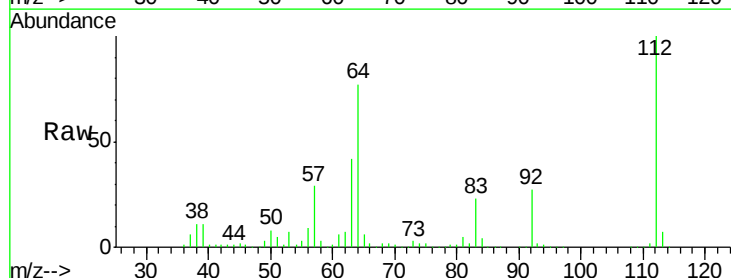
Tgt Ion:112 Resp: 1298650

Ion Ratio Lower Upper

112 100

64 77.2 52.1 78.1

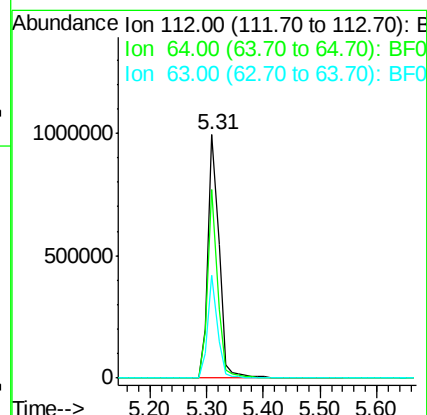
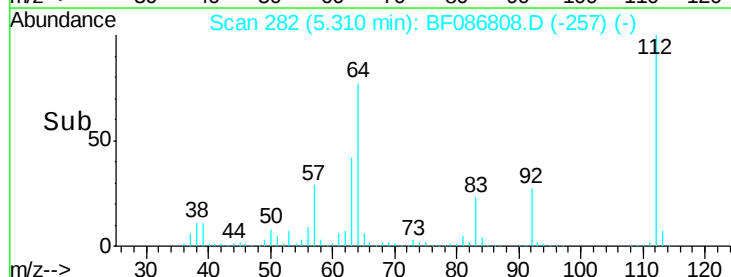
63 42.2 25.7 38.5

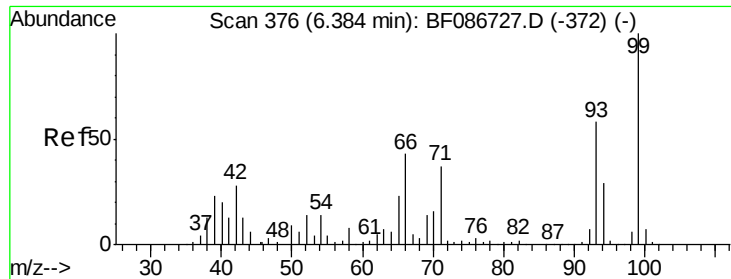


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 115.40 ng

RT: 6.37 min Scan# 375

Delta R.T. 0.00 min

Lab File: BF086808.D

Acq: 8 May 2016 7:40

Instrument :

BNA_F

ClientSampleId :

SS4

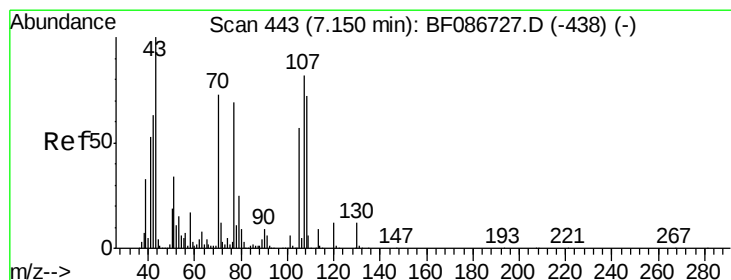
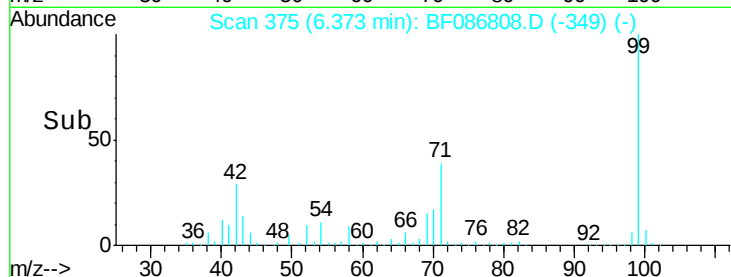
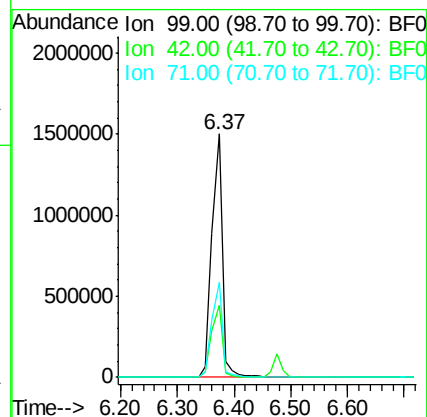
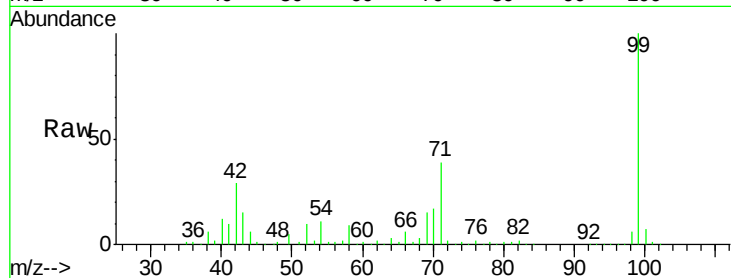
Tgt Ion: 99 Resp: 1851232

Ion Ratio Lower Upper

99 100

42 29.5 13.6 20.4#

71 39.3 24.6 36.8#



#19

n-Nitroso-di-n-propylamine

Concen: 15.59 ng

RT: 7.28 min Scan# 454

Delta R.T. 0.11 min

Lab File: BF086808.D

Acq: 8 May 2016 7:40

Tgt Ion: 70 Resp: 170833

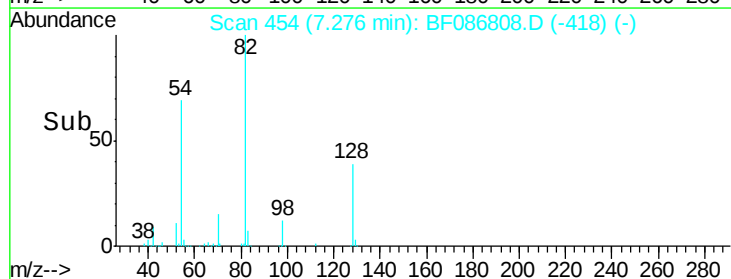
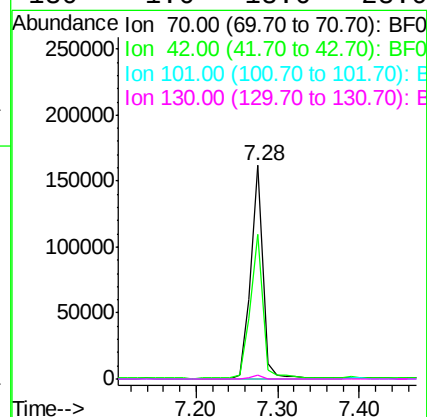
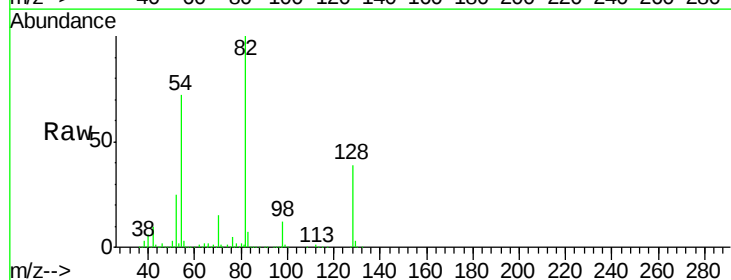
Ion Ratio Lower Upper

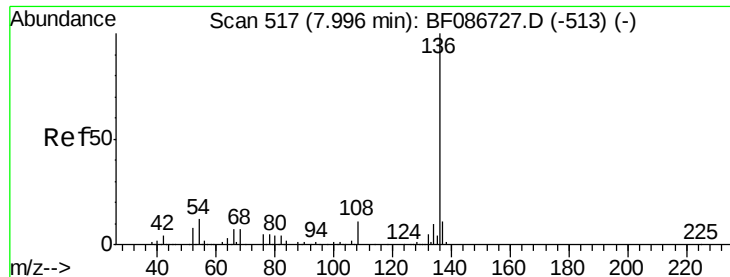
70 100

42 68.0 43.1 64.7#

101 0.0 8.1 12.1#

130 1.6 18.6 28.0#

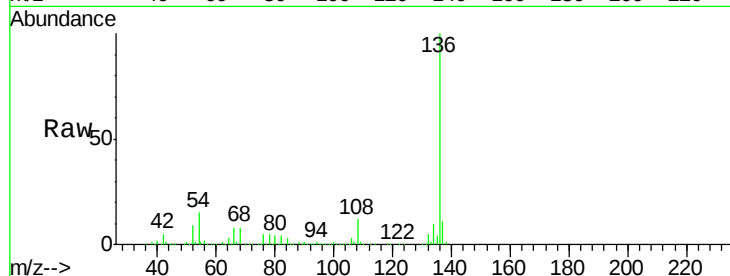




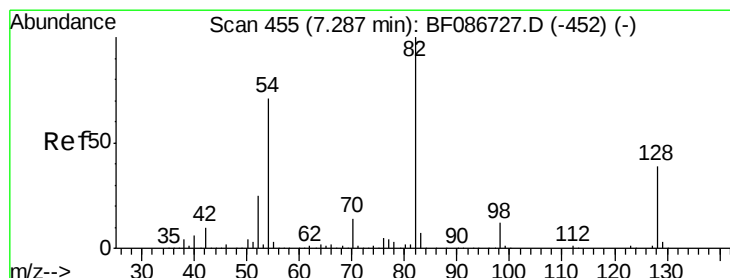
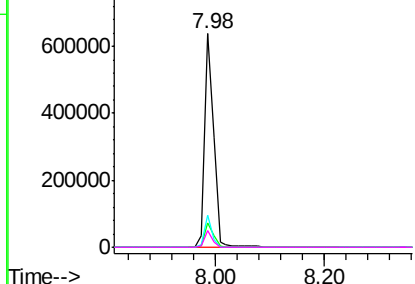
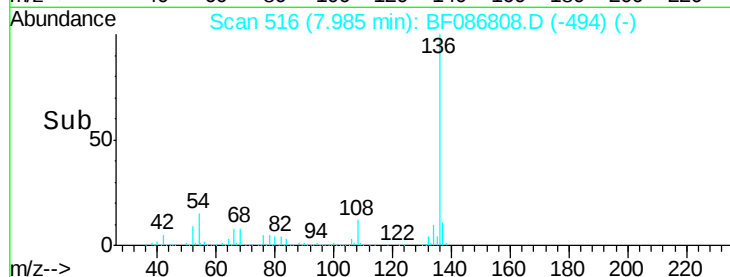
#21
Naphthalene-d8
Concen: 40.00 ng
RT: 7.98 min Scan# 516
Delta R.T. -0.05 min
Lab File: BF086808.D
Acq: 8 May 2016 7:40

Instrument :
BNA_F
ClientSampleId :
SS4

Tgt Ion:	136	Resp:	724983
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.8	13.2
54	14.9	5.0	7.4#
68	8.0	4.4	6.6#

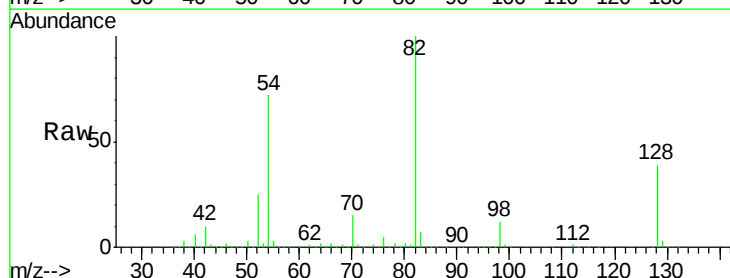


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

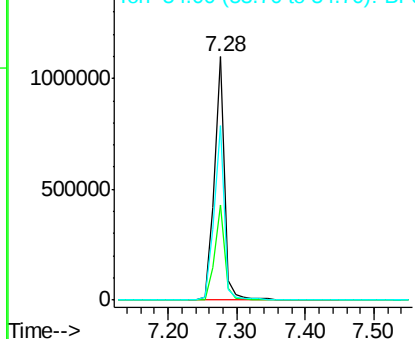
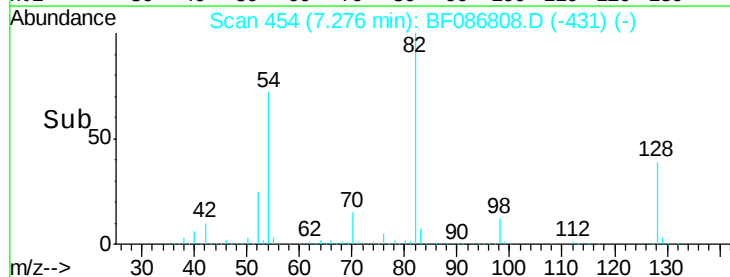


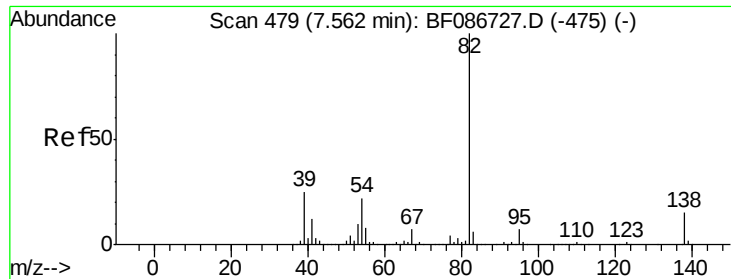
#23
Nitrobenzene-d5
Concen: 82.84 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.03 min
Lab File: BF086808.D
Acq: 8 May 2016 7:40

Tgt Ion:	82	Resp:	1168783
Ion	Ratio	Lower	Upper
82	100		
128	38.9	40.6	61.0#
54	71.8	38.1	57.1#



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: 43.23 ng

RT: 7.28 min Scan# 454

Delta R.T. -0.30 min

Lab File: BF086808.D

Acq: 8 May 2016 7:40

Instrument :

BNA_F

ClientSampled :

SS4

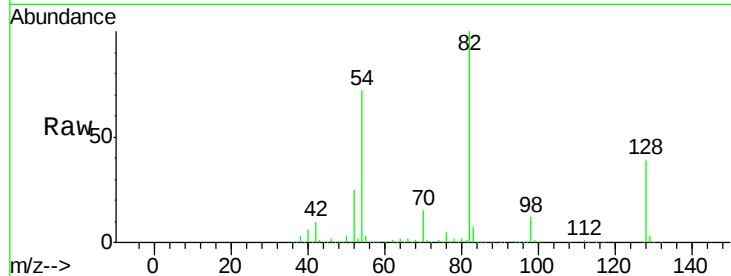
Tgt Ion: 82 Resp: 1135720

Ion Ratio Lower Upper

82 100

95 0.0 5.1 7.7#

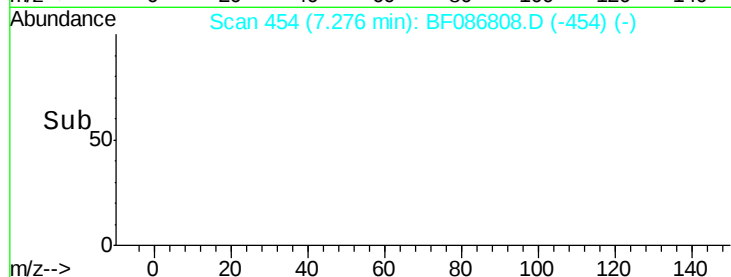
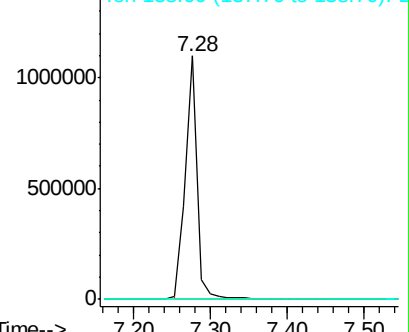
138 0.0 12.4 18.6#



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): E



#31

Naphthalene

Concen: 2.52 ng

RT: 8.01 min Scan# 518

Delta R.T. -0.03 min

Lab File: BF086808.D

Acq: 8 May 2016 7:40

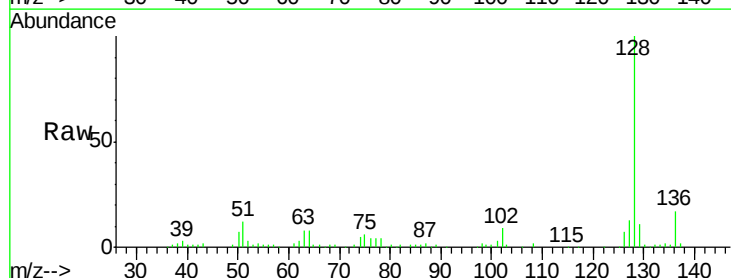
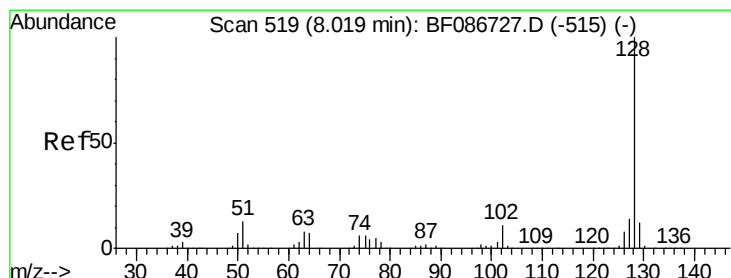
Tgt Ion: 128 Resp: 93177

Ion Ratio Lower Upper

128 100

129 11.1 8.6 13.0

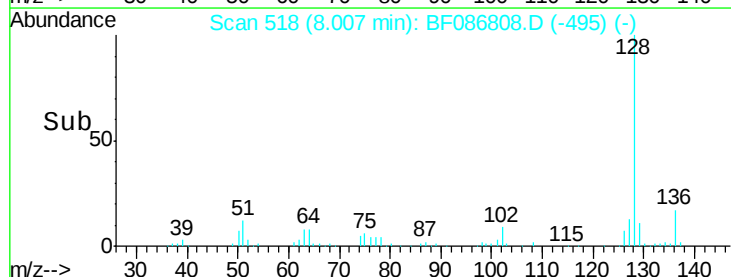
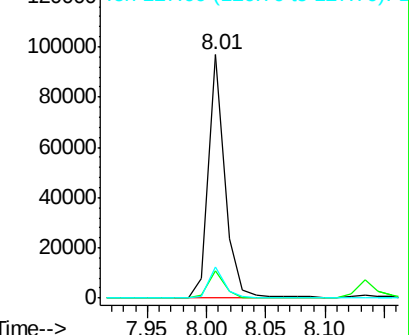
127 13.0 10.8 16.2

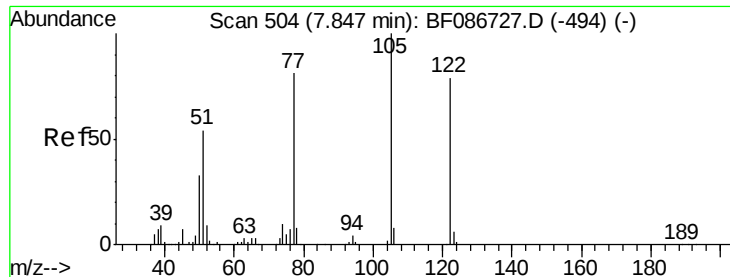


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#32

Benzoic acid

Concen: 8.73 ng

RT: 7.81 min Scan# 501

Delta R.T. 0.01 min

Lab File: BF086808.D

Acq: 8 May 2016 7:40

Instrument :

BNA_F

ClientSampleId :

SS4

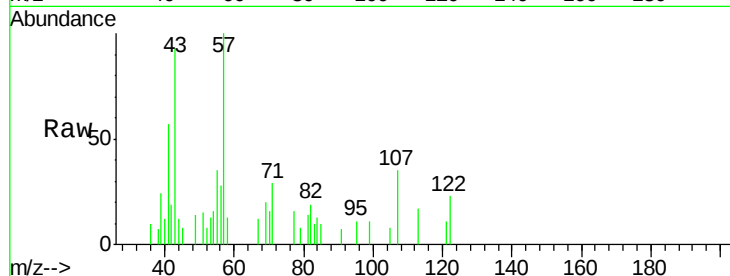
Tgt Ion:122 Resp: 1672

Ion Ratio Lower Upper

122 100

105 33.9 92.6 132.6#

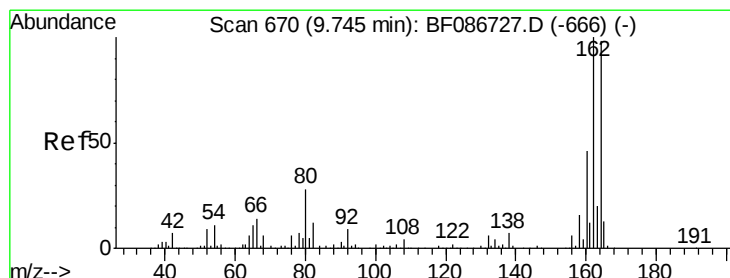
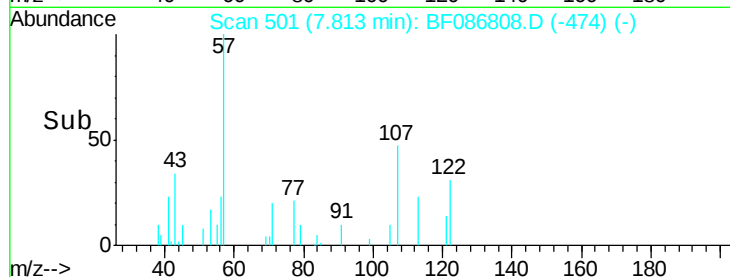
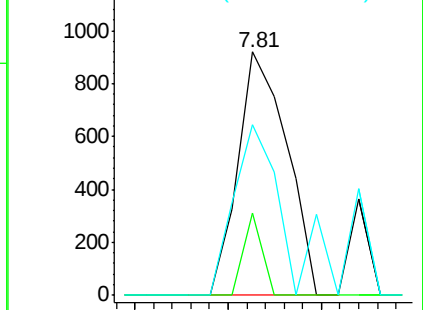
77 69.9 60.0 100.0



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



#38

Acenaphthene-d10

Concen: 40.00 ng

RT: 9.73 min Scan# 669

Delta R.T. -0.05 min

Lab File: BF086808.D

Acq: 8 May 2016 7:40

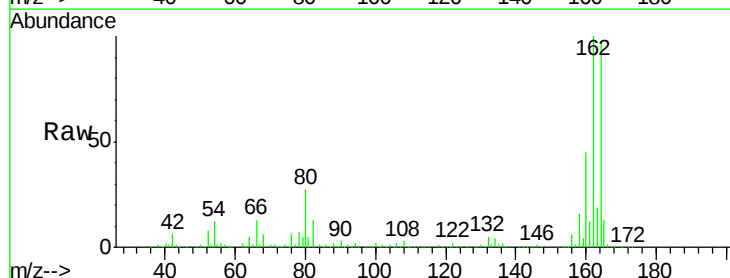
Tgt Ion:164 Resp: 307656

Ion Ratio Lower Upper

164 100

162 103.1 82.8 124.2

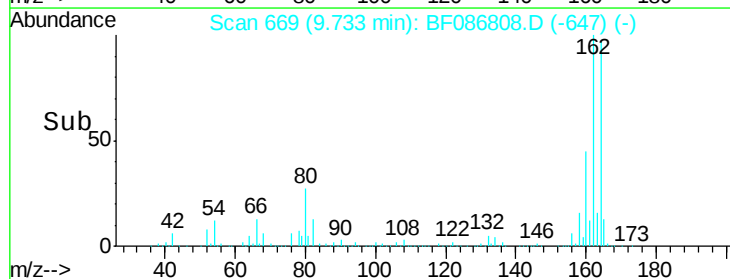
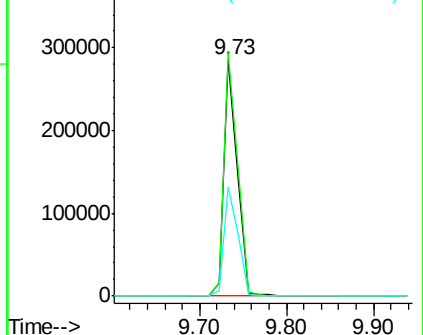
160 46.5 36.9 55.3

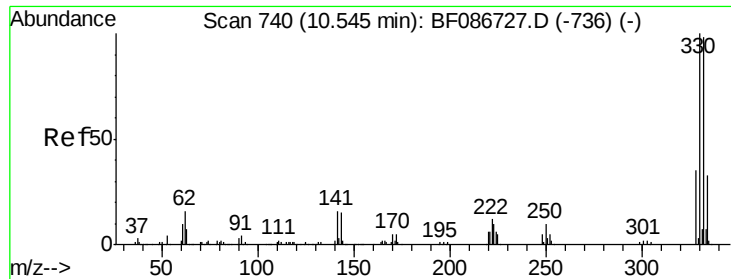


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

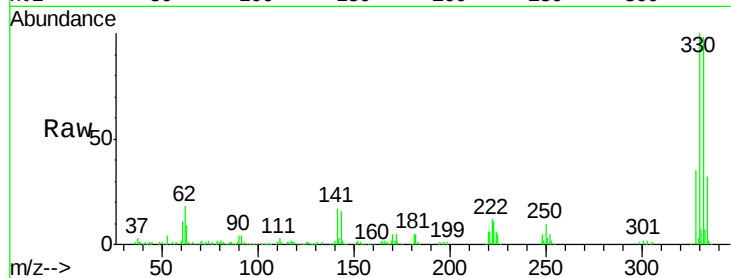




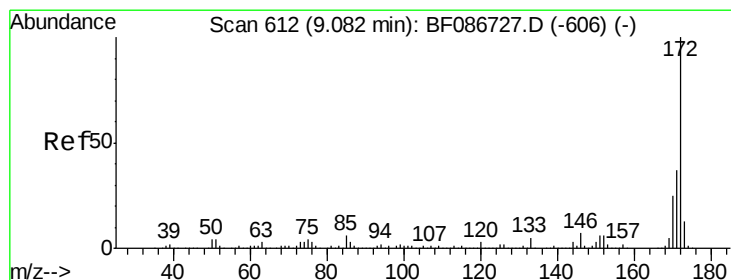
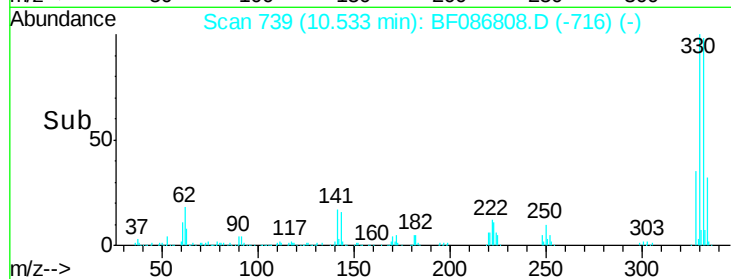
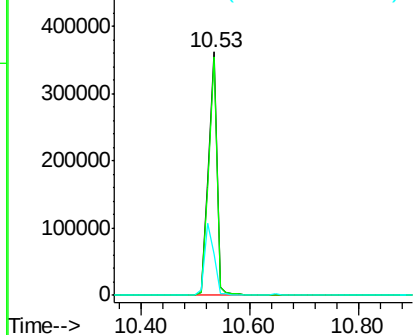
#41
 2,4,6-Tribromophenol
 Concen: 129.14 ng
 RT: 10.53 min Scan# 739
 Delta R.T. -0.03 min
 Lab File: BF086808.D
 Acq: 8 May 2016 7:40

Instrument :
 BNA_F
 ClientSampleID :
 SS4

Tgt Ion:330 Resp: 388644
 Ion Ratio Lower Upper
 330 100
 332 96.9 79.0 118.4
 141 33.1 31.2 46.8

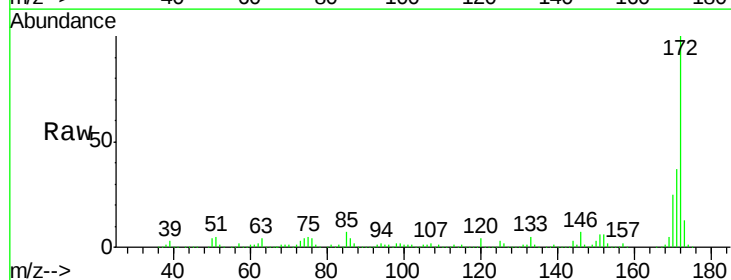


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

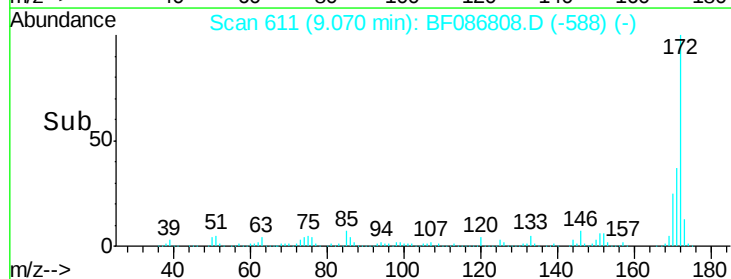
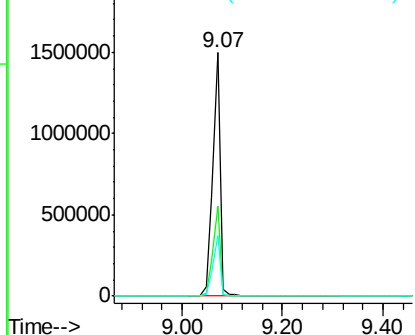


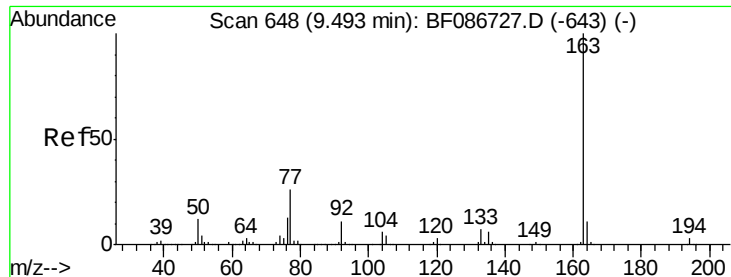
#44
 2-Fluorobiphenyl
 Concen: 82.62 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.03 min
 Lab File: BF086808.D
 Acq: 8 May 2016 7:40

Tgt Ion:172 Resp: 1550630
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.0 43.6
 170 24.9 19.8 29.8



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





#49

Dimethylphthalate

Concen: 10.63 ng

RT: 9.47 min Scan# 646

Delta R.T. -0.03 min

Lab File: BF086808.D

Acq: 8 May 2016 7:40

Instrument :

BNA_F

ClientSampleId :

SS4

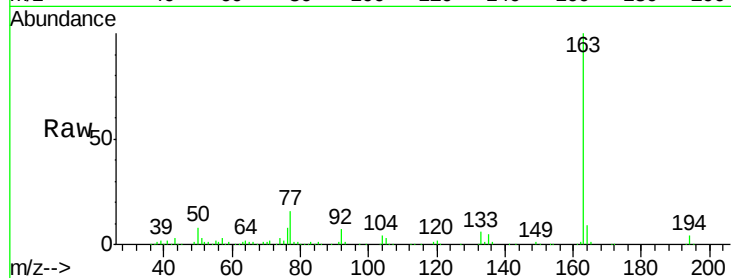
Tgt Ion:163 Resp: 243902

Ion Ratio Lower Upper

163 100

194 3.5 2.6 4.0

164 9.4 8.2 12.4



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

300000

250000

200000

150000

100000

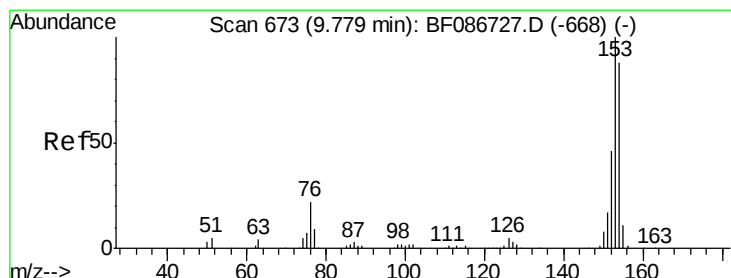
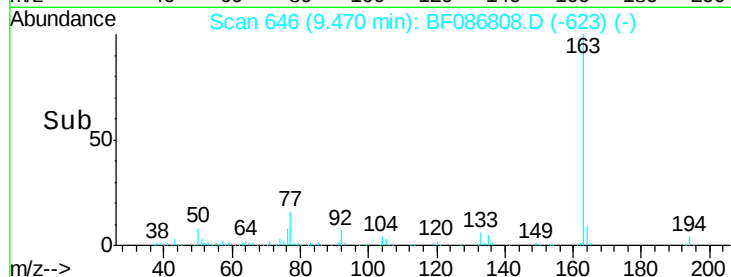
50000

0

9.47

9.40 9.50 9.60

Time-->



#51

Acenaphthene

Concen: 3.11 ng

RT: 9.77 min Scan# 672

Delta R.T. -0.05 min

Lab File: BF086808.D

Acq: 8 May 2016 7:40

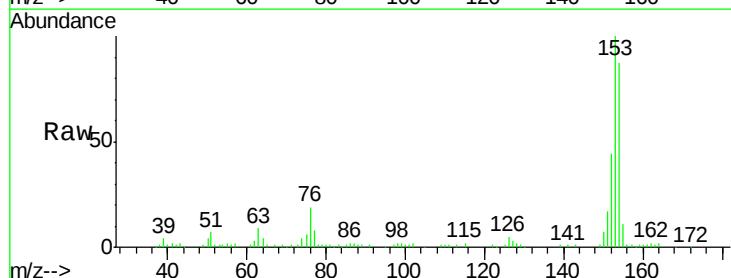
Tgt Ion:154 Resp: 59115

Ion Ratio Lower Upper

154 100

153 115.4 89.8 134.6

152 50.5 43.4 65.0



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

100000

80000

60000

40000

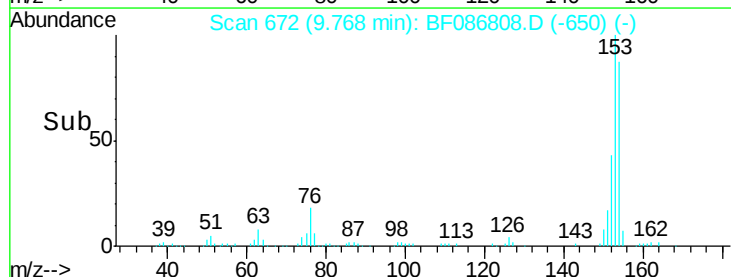
20000

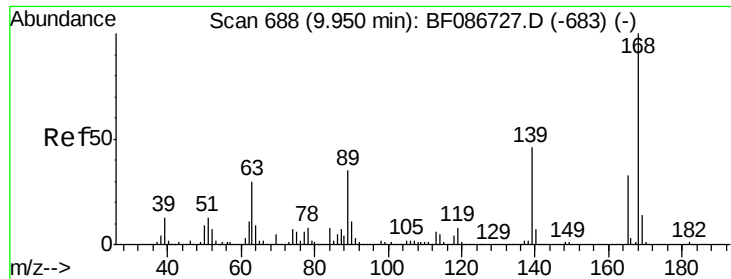
0

9.77

9.70 9.80 9.90

Time-->

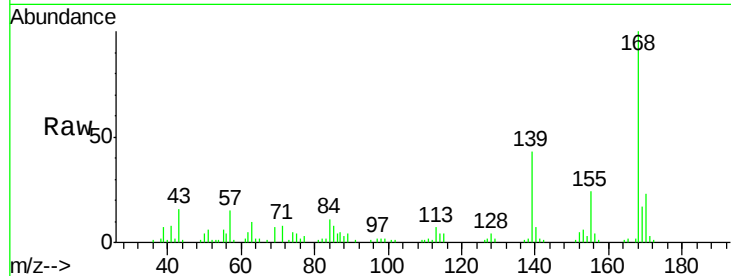




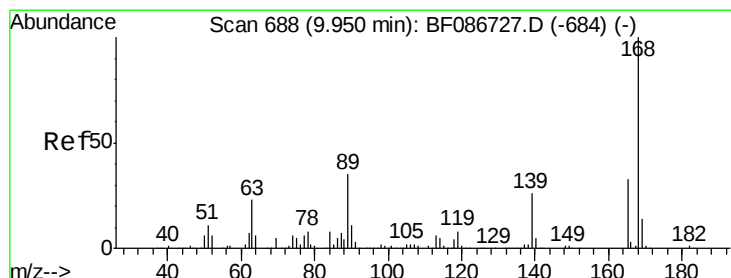
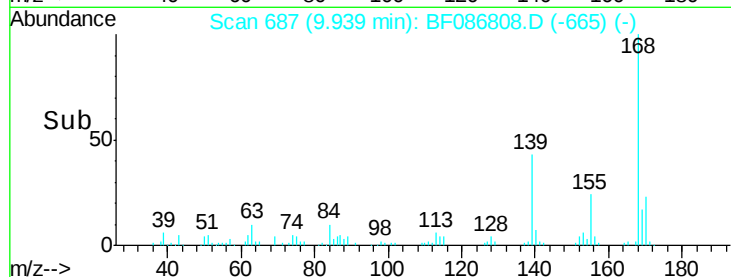
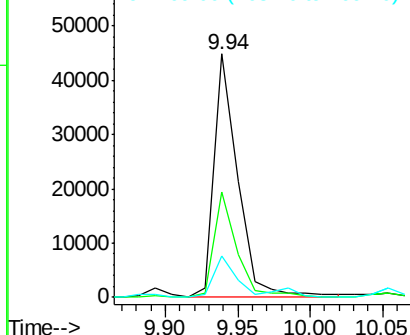
#54
Dibenzofuran
Concen: 2.19 ng
RT: 9.94 min Scan# 687
Delta R.T. -0.05 min
Lab File: BF086808.D
Acq: 8 May 2016 7:40

Instrument :
BNA_F
ClientSampleId :
SS4

Tgt Ion:168 Resp: 51517
Ion Ratio Lower Upper
168 100
139 43.0 31.4 47.0
169 17.1 10.7 16.1#

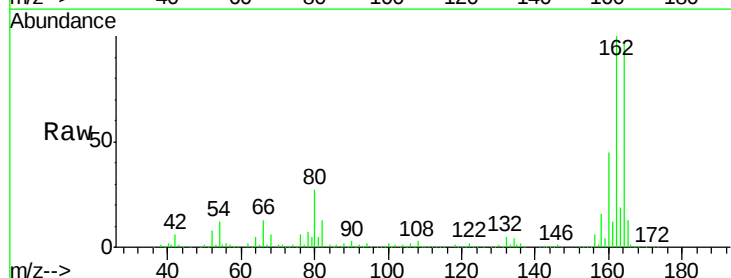


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

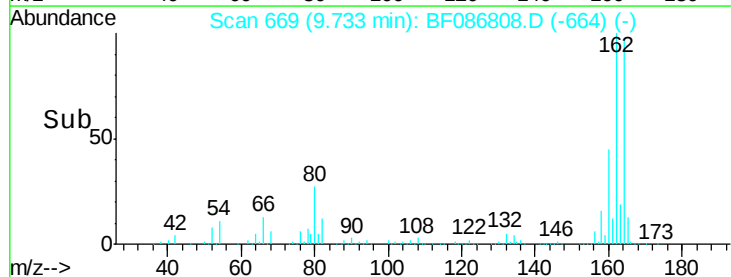
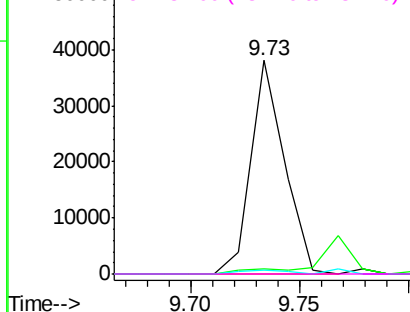


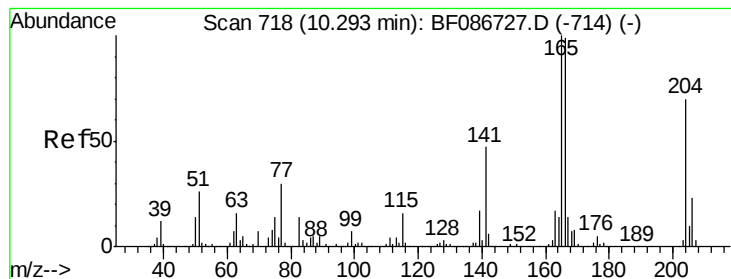
#56
2,4-Dinitrotoluene
Concen: 6.72 ng
RT: 9.73 min Scan# 669
Delta R.T. -0.24 min
Lab File: BF086808.D
Acq: 8 May 2016 7:40

Tgt Ion:165 Resp: 40968
Ion Ratio Lower Upper
165 100
63 2.5 44.3 66.5#
89 2.0 70.0 105.0#
182 0.0 1.8 2.6#



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: 4.23 ng

RT: 10.28 min Scan# 717

Delta R.T. -0.05 min

Lab File: BF086808.D

Acq: 8 May 2016 7:40

Instrument :

BNA_F

ClientSampleId :

SS4

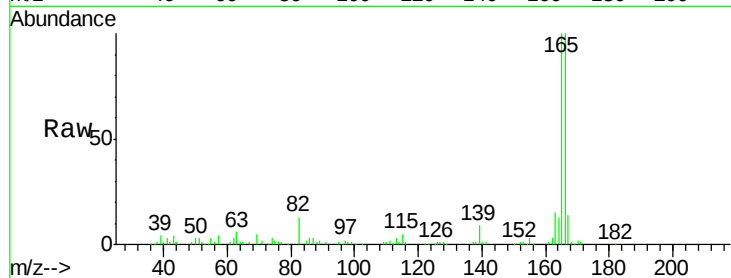
Tgt Ion:166 Resp: 80809

Ion Ratio Lower Upper

166 100

165 100.4 79.0 118.6

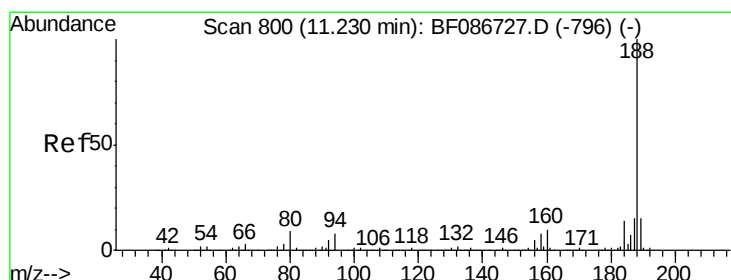
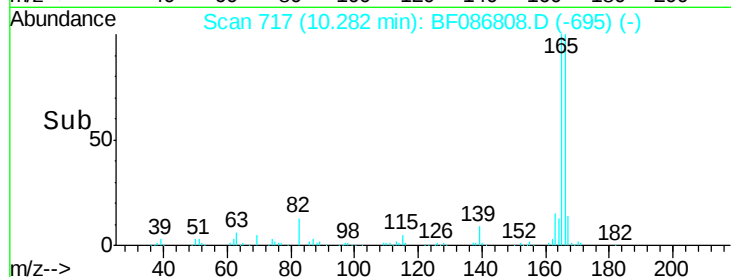
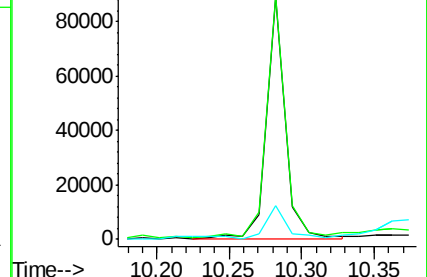
167 14.1 10.6 15.8



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



#63

Phenanthrene-d10

Concen: 40.00 ng

RT: 11.22 min Scan# 799

Delta R.T. -0.03 min

Lab File: BF086808.D

Acq: 8 May 2016 7:40

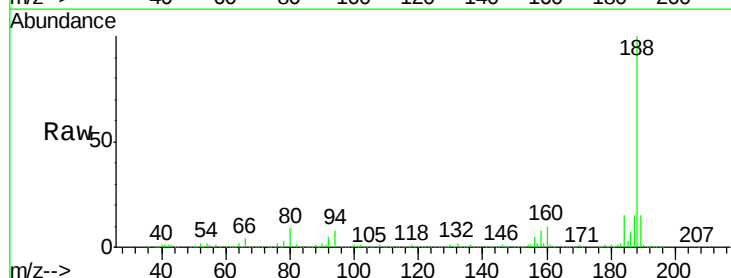
Tgt Ion:188 Resp: 528189

Ion Ratio Lower Upper

188 100

94 8.4 6.8 10.2

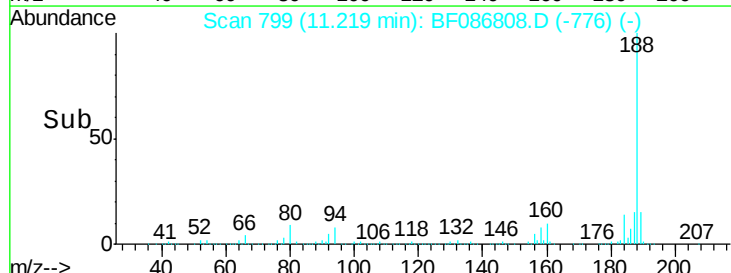
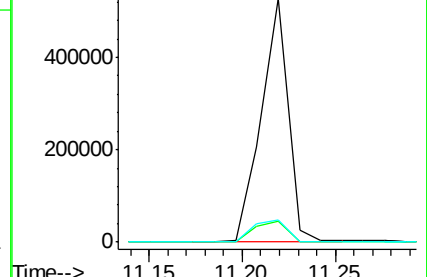
80 8.9 7.1 10.7

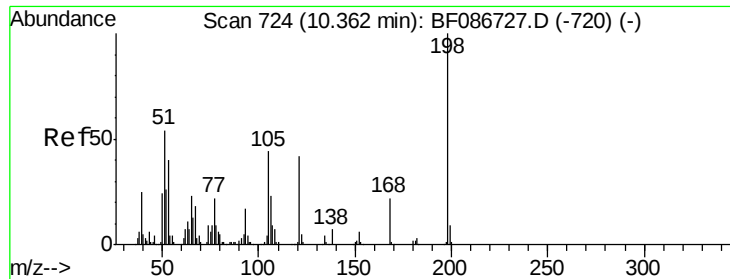


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

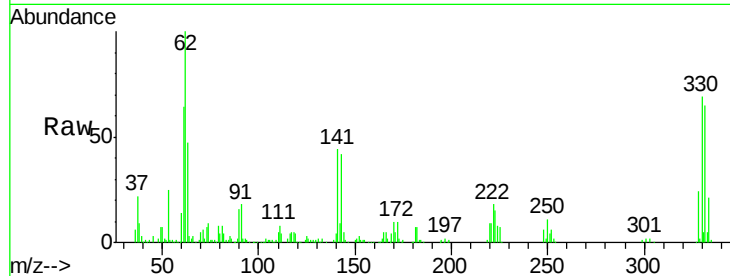




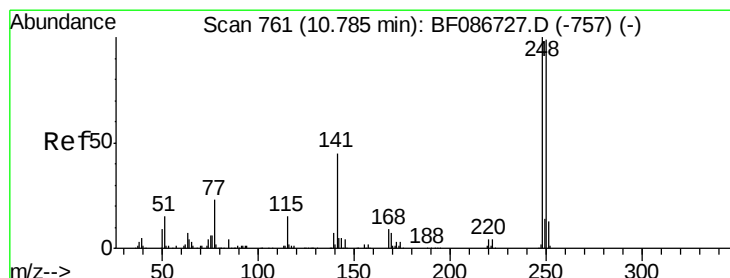
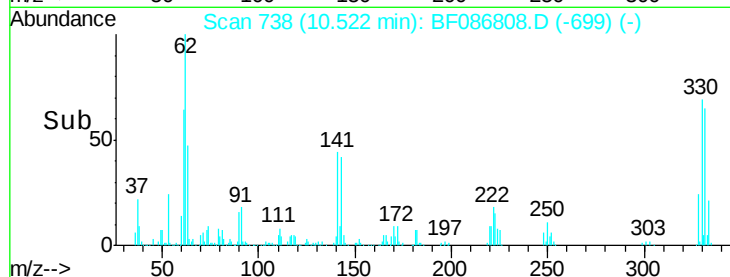
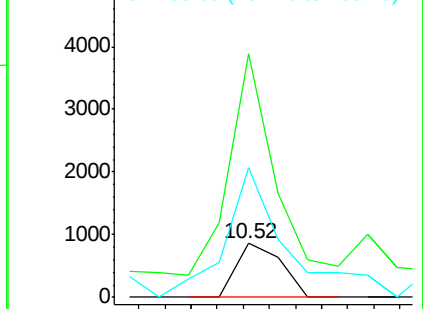
#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.65 ng
 RT: 10.52 min Scan# 738
 Delta R.T. 0.15 min
 Lab File: BF086808.D
 Acq: 8 May 2016 7:40

Instrument :
 BNA_F
 ClientSampleId :
 SS4

Tgt Ion:198 Resp: 1026
 Ion Ratio Lower Upper
 198 100
 51 454.5 20.5 60.5#
 105 242.9 24.5 64.5#

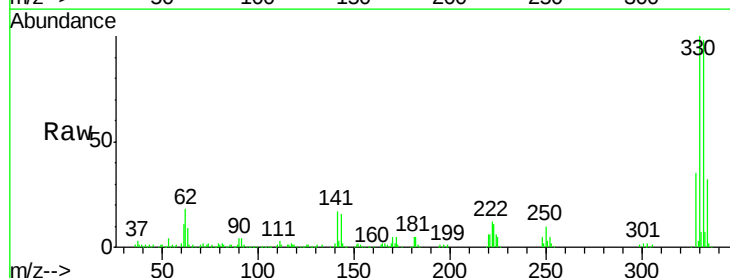


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

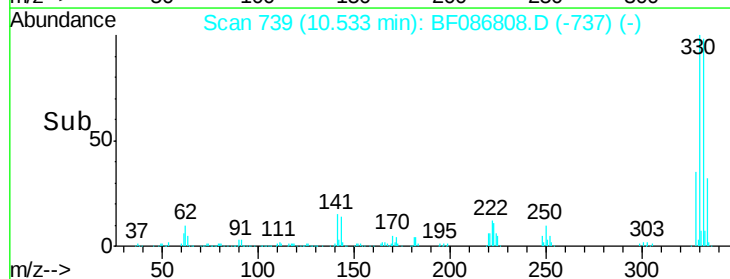
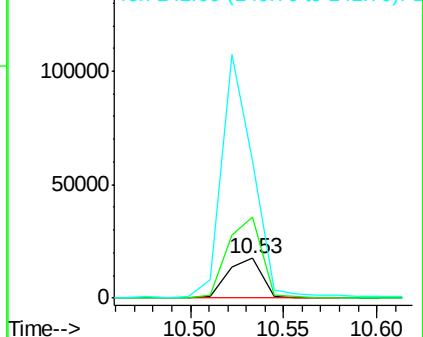


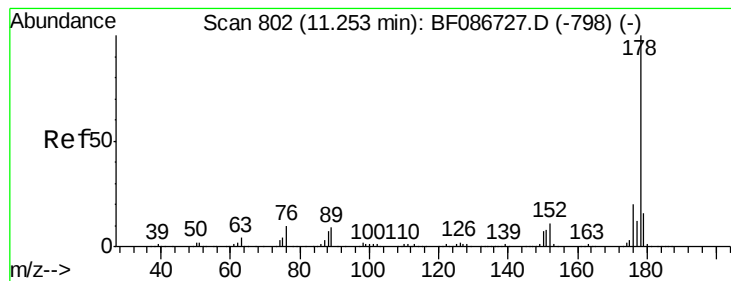
#66
 4-Bromophenyl-phenylether
 Concen: 4.27 ng
 RT: 10.53 min Scan# 739
 Delta R.T. -0.27 min
 Lab File: BF086808.D
 Acq: 8 May 2016 7:40

Tgt Ion:248 Resp: 22402
 Ion Ratio Lower Upper
 248 100
 250 204.6 78.6 117.8#
 141 347.9 76.0 114.0#



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E





#70

Phenanthrene

Concen: 25.09 ng

RT: 11.24 min Scan# 801

Delta R.T. -0.03 min

Lab File: BF086808.D

Acq: 8 May 2016 7:40

Instrument :

BNA_F

ClientSampled :

SS4

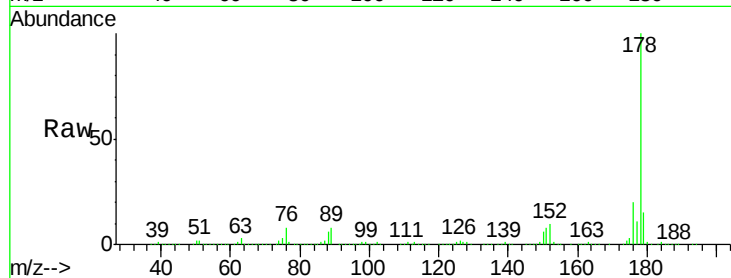
Tgt Ion:178 Resp: 711957

Ion Ratio Lower Upper

178 100

176 20.0 16.0 24.0

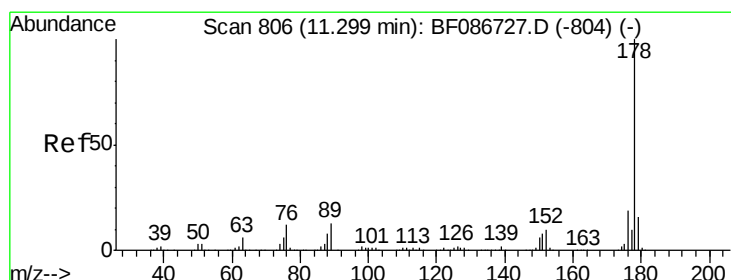
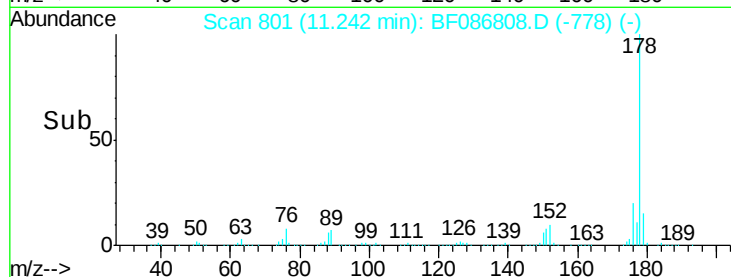
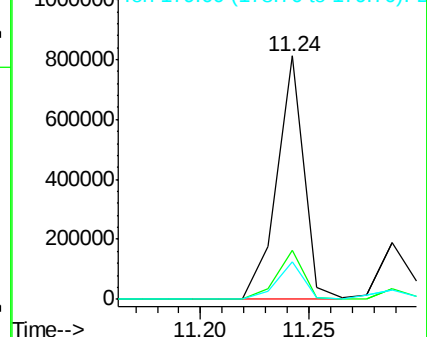
179 15.3 12.6 18.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 6.85 ng

RT: 11.29 min Scan# 805

Delta R.T. -0.05 min

Lab File: BF086808.D

Acq: 8 May 2016 7:40

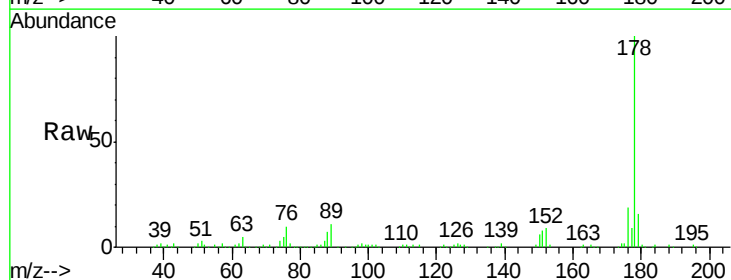
Tgt Ion:178 Resp: 203620

Ion Ratio Lower Upper

178 100

176 18.7 15.6 23.4

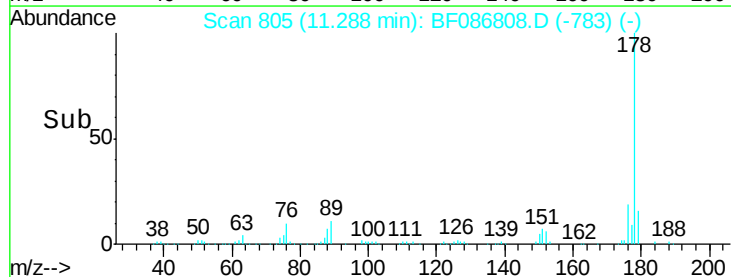
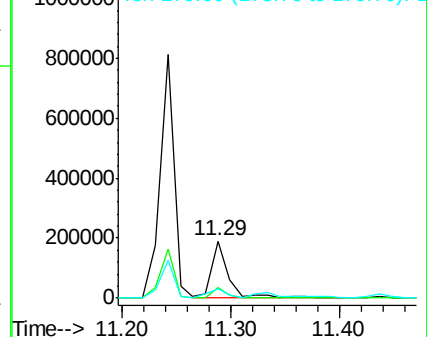
179 16.1 12.7 19.1

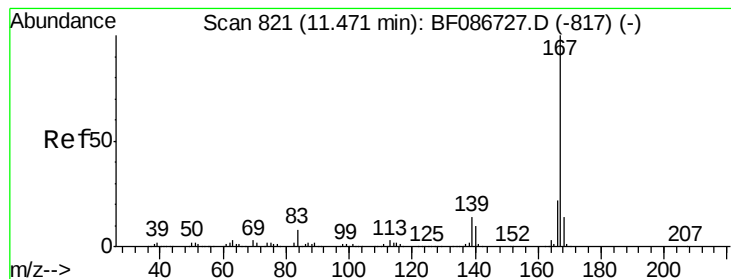


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 3.28 ng

RT: 11.46 min Scan# 820

Delta R.T. -0.03 min

Lab File: BF086808.D

Acq: 8 May 2016 7:40

Instrument :

BNA_F

ClientSampleId :

SS4

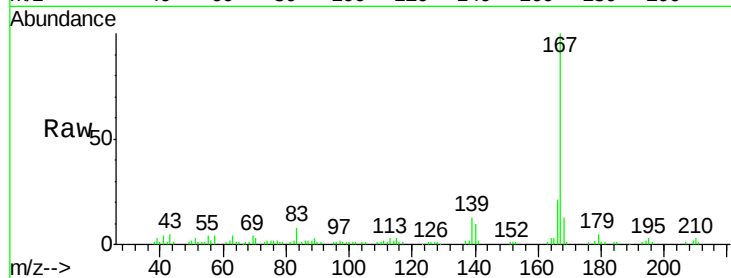
Tgt Ion:167 Resp: 84680

Ion Ratio Lower Upper

167 100

166 20.8 17.7 26.5

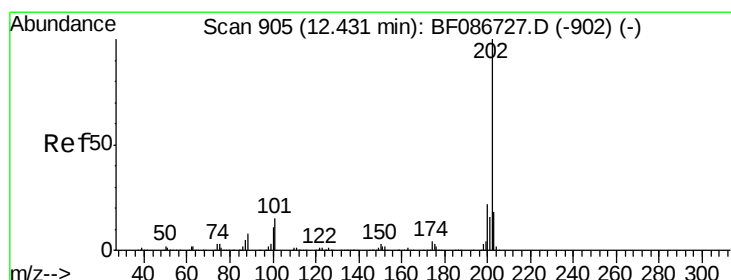
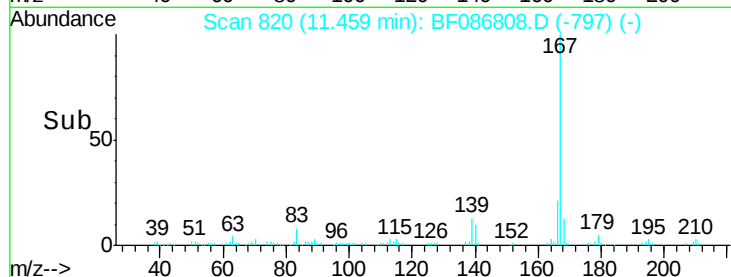
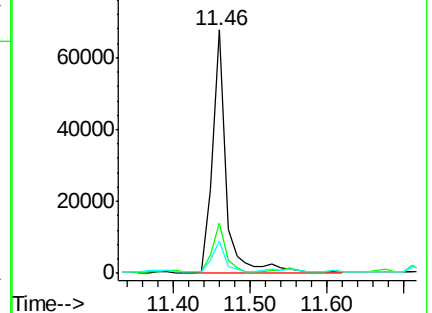
139 13.1 10.8 16.2



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: 24.79 ng

RT: 12.42 min Scan# 904

Delta R.T. -0.05 min

Lab File: BF086808.D

Acq: 8 May 2016 7:40

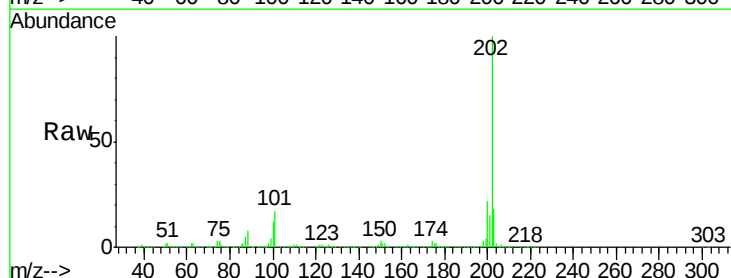
Tgt Ion:202 Resp: 704709

Ion Ratio Lower Upper

202 100

101 16.6 0.0 35.4

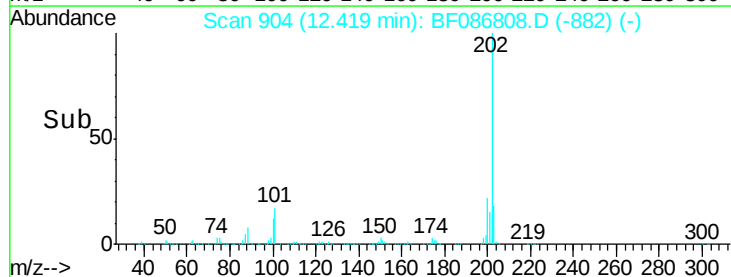
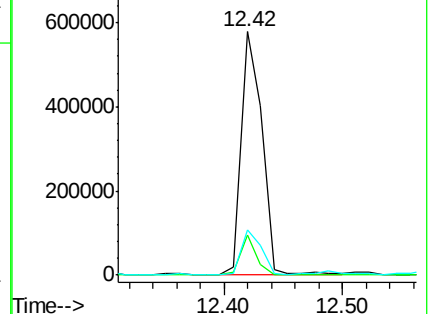
203 18.3 0.0 38.1

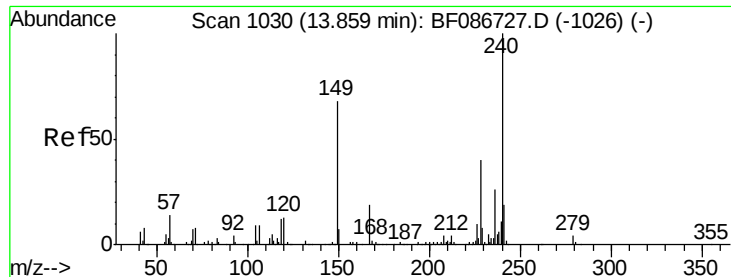


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 40.00 ng

RT: 13.85 min Scan# 1029

Delta R.T. -0.03 min

Lab File: BF086808.D

Acq: 8 May 2016 7:40

Instrument :

BNA_F

ClientSampleId :

SS4

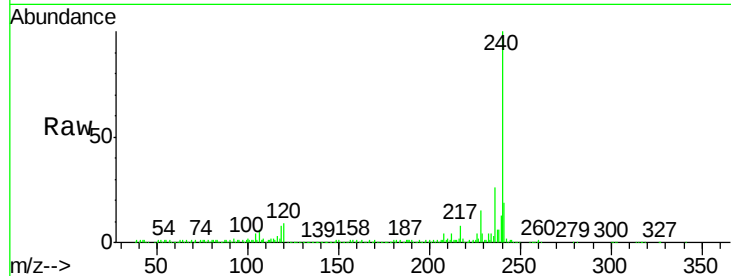
Tgt Ion:240 Resp: 341638

Ion Ratio Lower Upper

240 100

120 9.2 11.2 16.8#

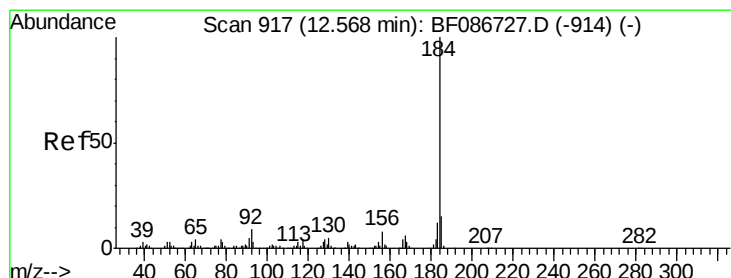
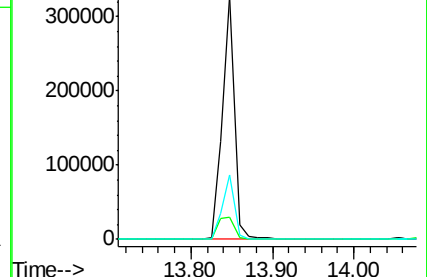
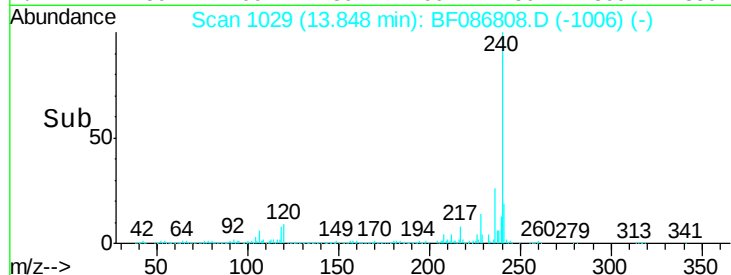
236 26.4 21.2 31.8



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



#76

Benzidine

Concen: 8.55 ng

RT: 12.80 min Scan# 937

Delta R.T. 0.21 min

Lab File: BF086808.D

Acq: 8 May 2016 7:40

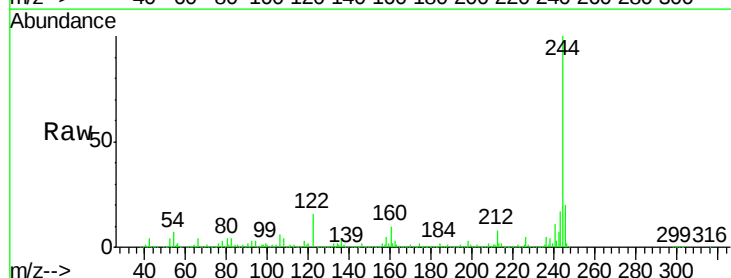
Tgt Ion:184 Resp: 15978

Ion Ratio Lower Upper

184 100

185 17.3 13.6 20.4

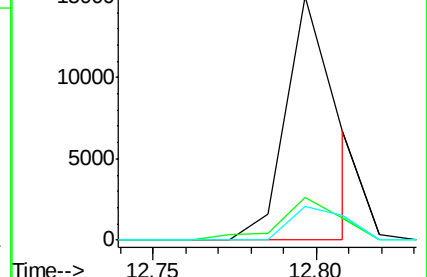
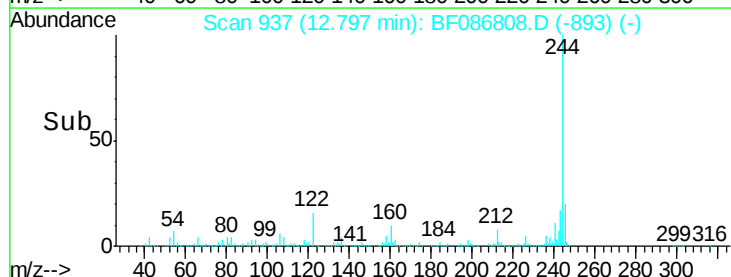
183 14.1 9.8 14.6

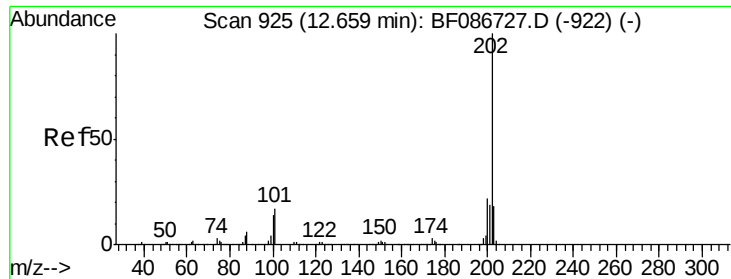


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 20.20 ng

RT: 12.65 min Scan# 924

Delta R.T. -0.05 min

Lab File: BF086808.D

Acq: 8 May 2016 7:40

Instrument :

BNA_F

ClientSampleId :

SS4

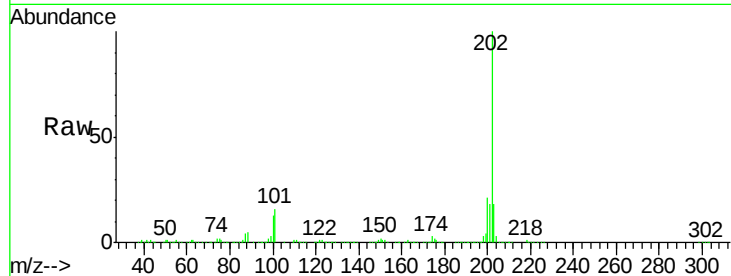
Tgt Ion:202 Resp: 550088

Ion Ratio Lower Upper

202 100

200 21.2 17.7 26.5

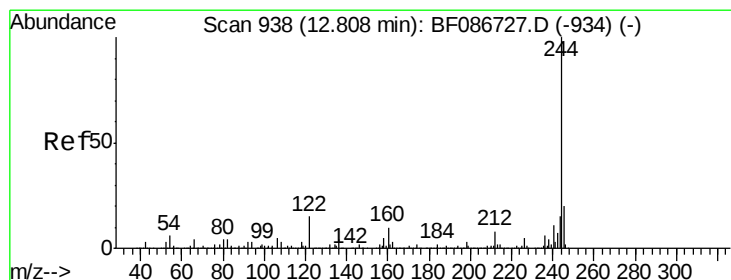
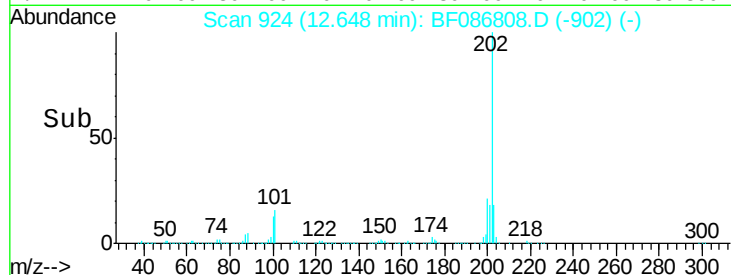
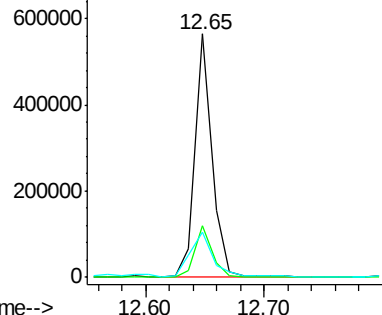
203 18.5 14.2 21.4



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: 59.68 ng

RT: 12.80 min Scan# 937

Delta R.T. -0.05 min

Lab File: BF086808.D

Acq: 8 May 2016 7:40

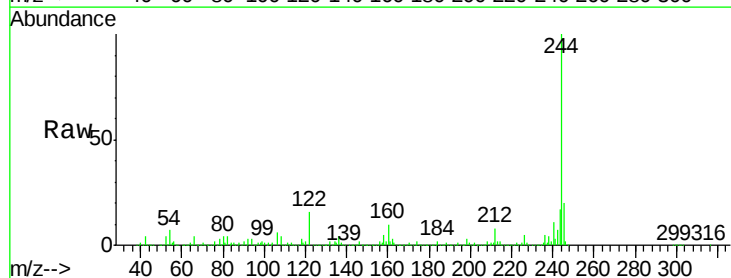
Tgt Ion:244 Resp: 1008824

Ion Ratio Lower Upper

244 100

212 8.2 6.2 9.2

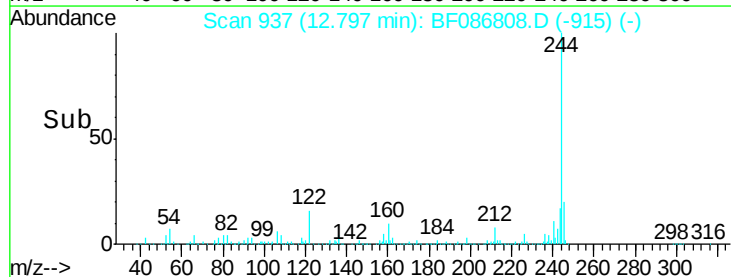
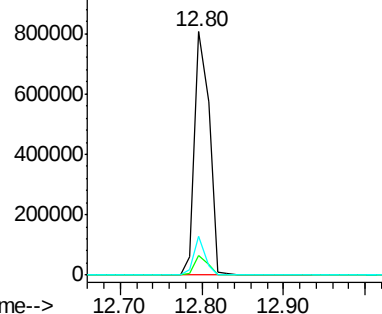
122 16.0 12.0 18.0

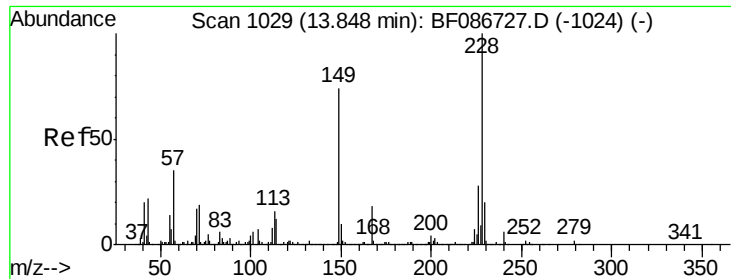


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 19.29 ng

RT: 13.84 min Scan# 1028

Delta R.T. -0.03 min

Lab File: BF086808.D

Acq: 8 May 2016 7:40

Instrument :

BNA_F

ClientSampleId :

SS4

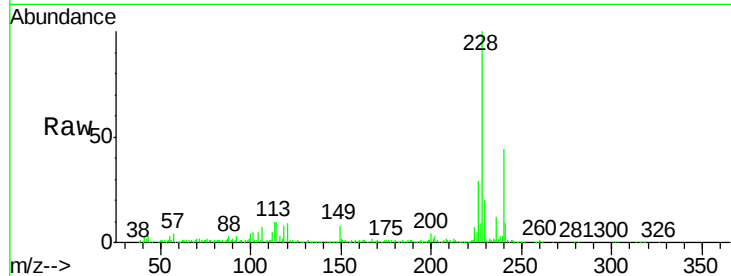
Tgt Ion:228 Resp: 372797

Ion Ratio Lower Upper

228 100

226 29.0 22.5 33.7

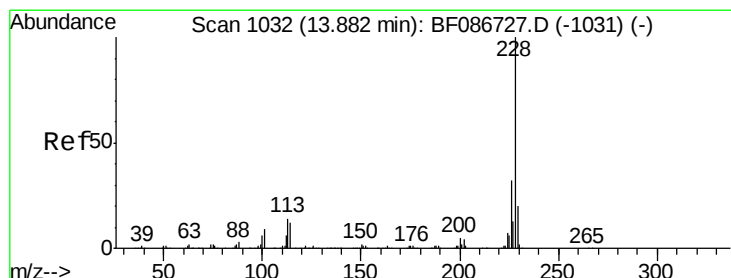
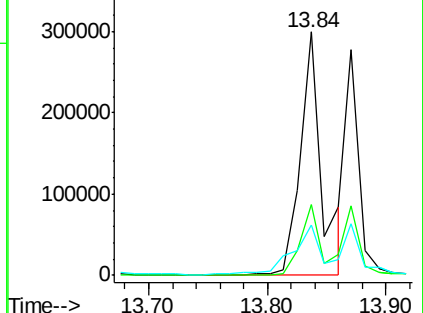
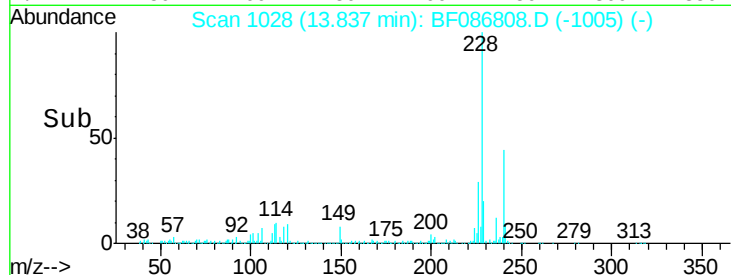
229 20.5 16.6 25.0



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: 10.52 ng

RT: 13.87 min Scan# 1031

Delta R.T. -0.05 min

Lab File: BF086808.D

Acq: 8 May 2016 7:40

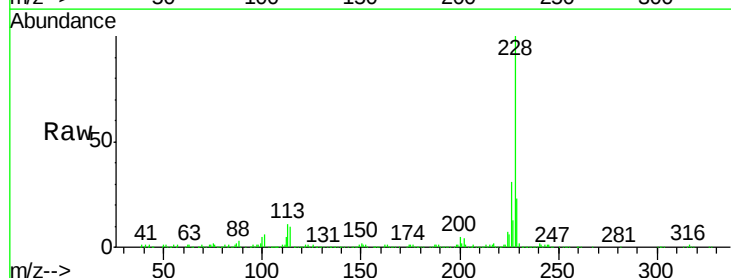
Tgt Ion:228 Resp: 216910

Ion Ratio Lower Upper

228 100

226 30.9 24.4 36.6

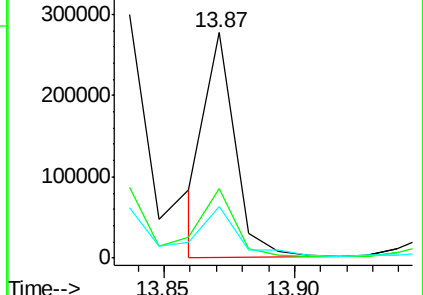
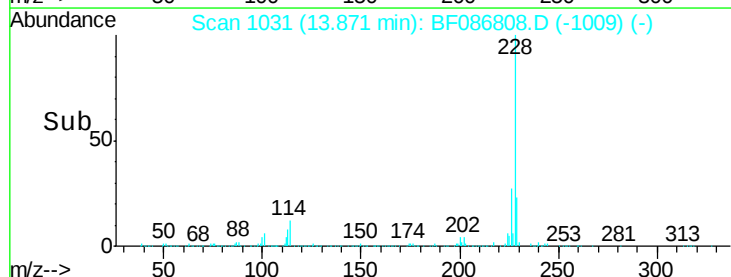
229 22.9 15.8 23.8

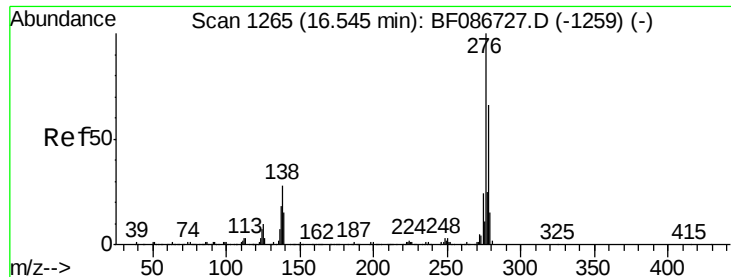


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

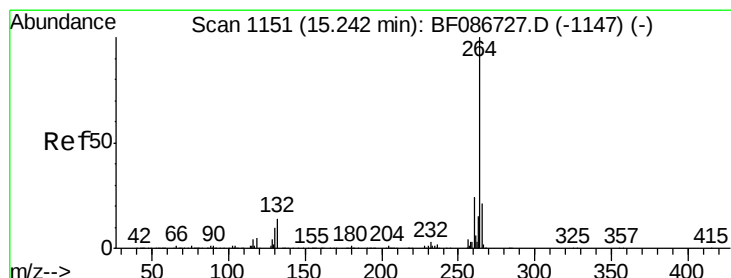
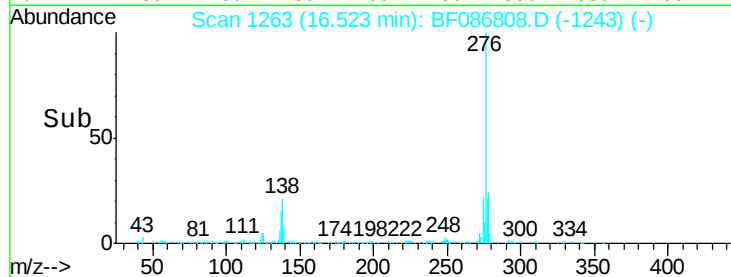
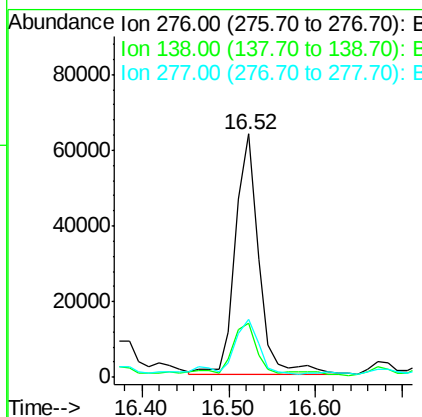
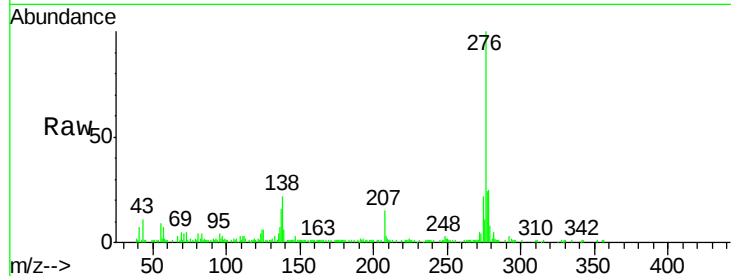




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 6.81 ng
 RT: 16.52 min Scan# 1263
 Delta R.T. -0.07 min
 Lab File: BF086808.D
 Acq: 8 May 2016 7:40

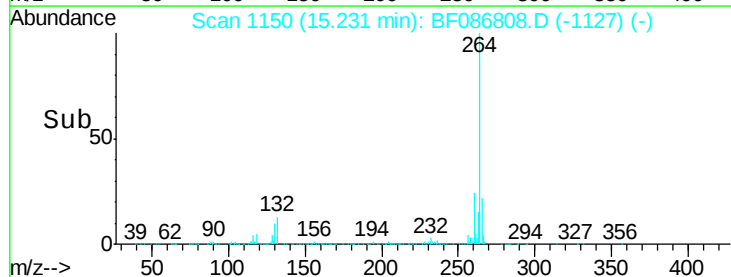
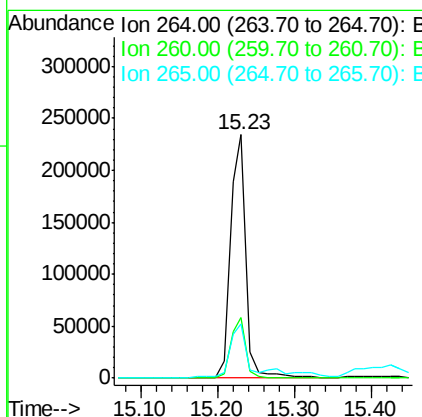
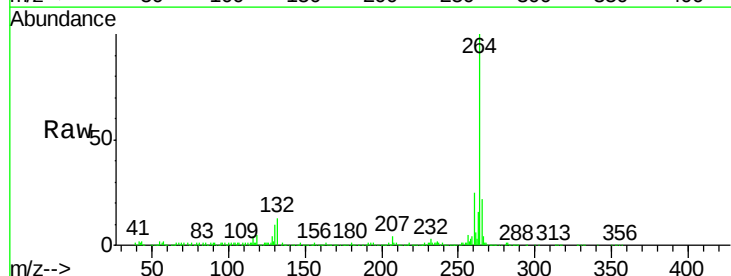
Instrument :
 BNA_F
 ClientSampleId :
 SS4

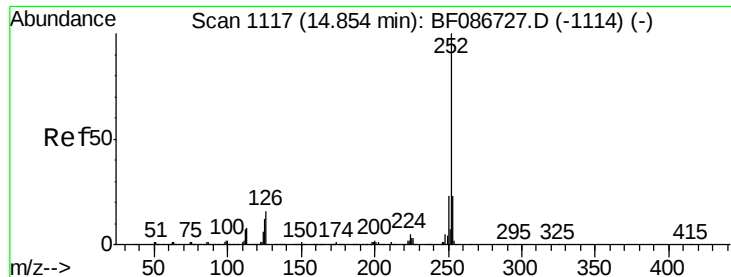
Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.1	25.6	38.4#
277	28.4	20.5	30.7



#86
 Perylene-d12
 Concen: 40.00 ng
 RT: 15.23 min Scan# 1150
 Delta R.T. -0.03 min
 Lab File: BF086808.D
 Acq: 8 May 2016 7:40

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.5	29.3
265	22.1	17.3	25.9

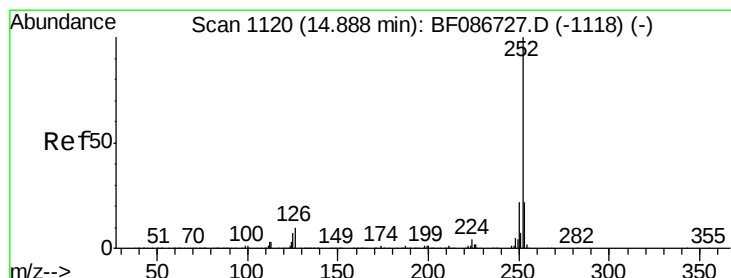
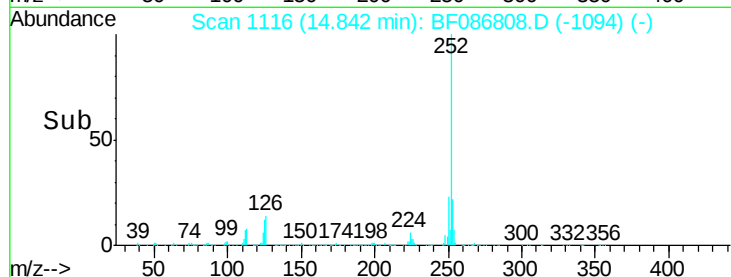
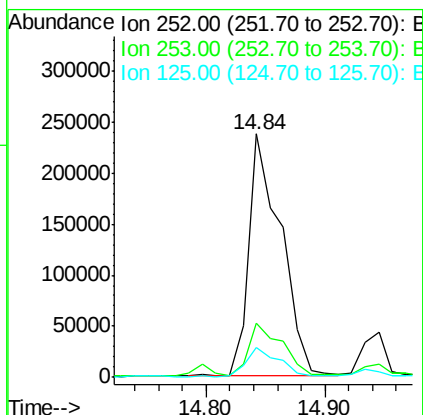
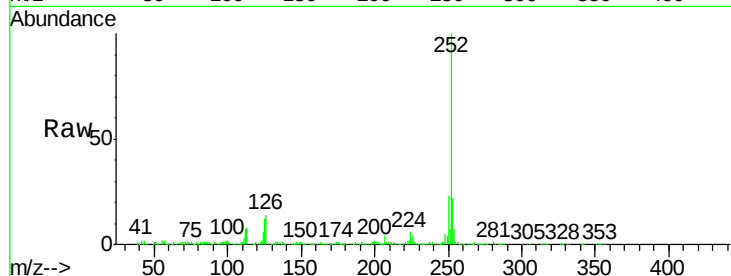




#87
Benzo(b)fluoranthene
Concen: 22.24 ng
RT: 14.84 min Scan# 1116
Delta R.T. -0.05 min
Lab File: BF086808.D
Acq: 8 May 2016 7:40

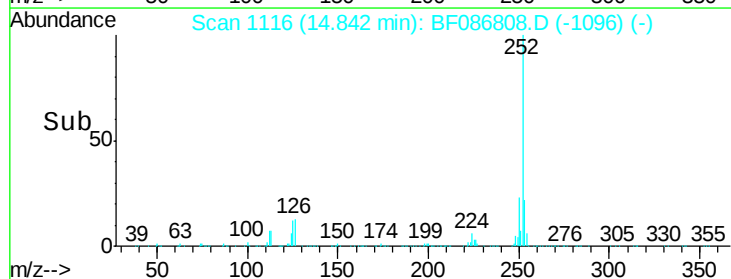
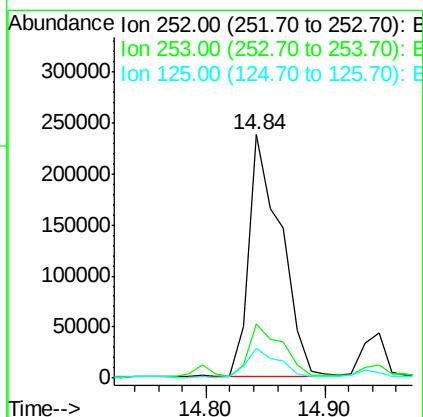
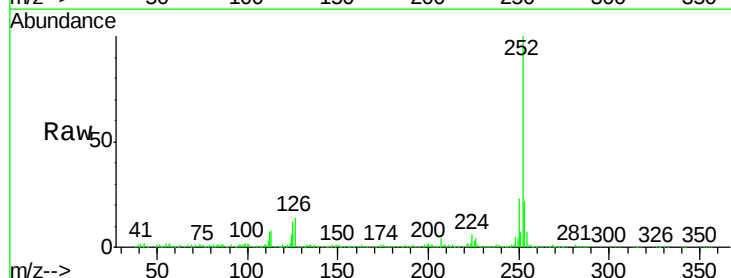
Instrument :
BNA_F
ClientSampleId :
SS4

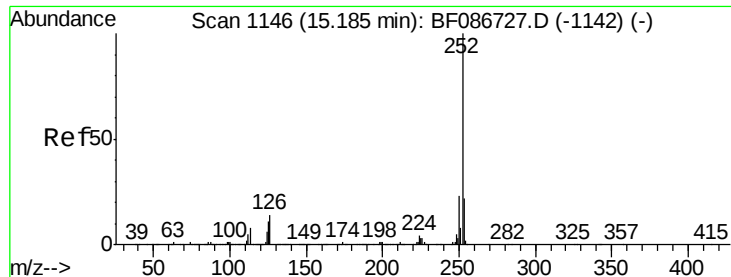
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.6
125	12.3	11.4	17.0



#88
Benzo(k)fluoranthene
Concen: 23.60 ng
RT: 14.84 min Scan# 1116
Delta R.T. -0.07 min
Lab File: BF086808.D
Acq: 8 May 2016 7:40

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.6
125	12.3	9.1	13.7





#89

Benzo(a)pyrene

Concen: 7.78 ng

RT: 15.12 min Scan# 1140

Delta R.T. -0.10 min

Lab File: BF086808.D

Acq: 8 May 2016 7:40

Instrument :

BNA_F

ClientSampleId :

SS4

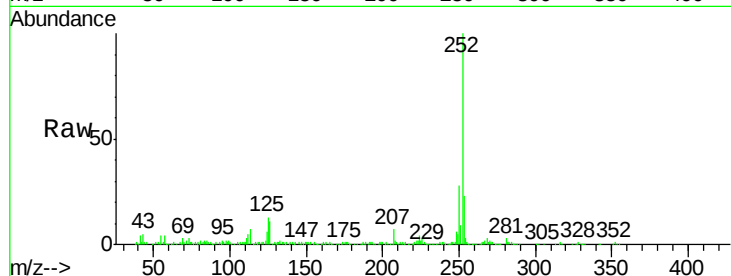
Tgt Ion: 252 Resp: 144374

Ion Ratio Lower Upper

252 100

253 22.8 17.2 25.8

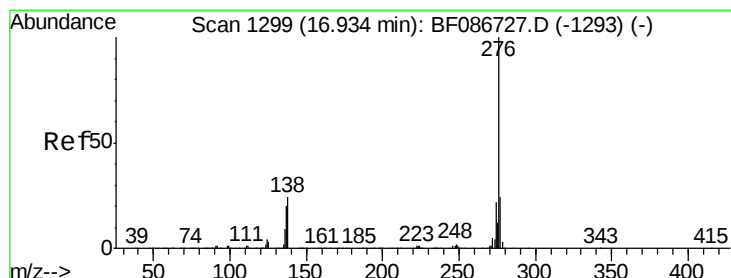
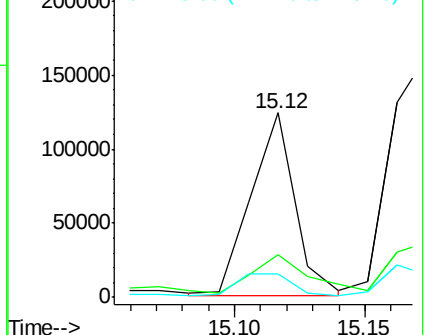
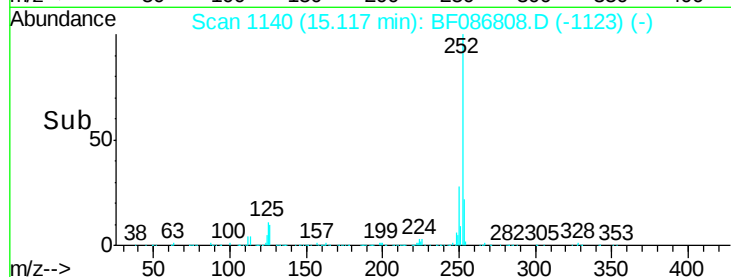
125 12.8 9.0 13.6



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



#91

Benzo(g,h,i)perylene

Concen: 5.11 ng

RT: 16.91 min Scan# 1297

Delta R.T. -0.08 min

Lab File: BF086808.D

Acq: 8 May 2016 7:40

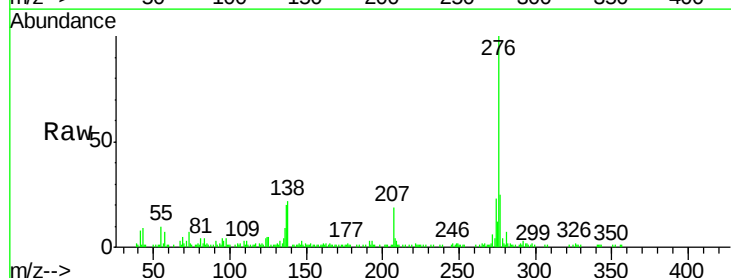
Tgt Ion: 276 Resp: 95650

Ion Ratio Lower Upper

276 100

277 24.7 19.6 29.4

138 22.4 23.6 35.4#



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

