

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081315\
 Data File : BF080988.D
 Acq On : 13 Aug 2015 19:06
 Operator : UM/IZ
 Sample : G3292-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 STOCKPILE8-12-15REUSE

Quant Time: Aug 14 00:39:23 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 08 01:33:05 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	44067	20.00	ng	-0.06
21) Naphthalene-d8	8.03	136	152974	20.00	ng	-0.07
38) Acenaphthene-d10	9.79	164	68009	20.00	ng	-0.06
63) Phenanthrene-d10	11.28	188	114799	20.00	ng	-0.05
75) Chrysene-d12	13.93	240	46393	20.00	ng	-0.03
86) Perylene-d12	15.32	264	50227	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	324221	120.21	ng	-0.03
7) Phenol-d6	6.38	99	496158	134.25	ng	-0.06
23) Nitrobenzene-d5	7.32	82	323896	100.15	ng	-0.06
41) 2,4,6-Tribromophenol	10.58	330	64177	85.90	ng	-0.06
44) 2-Fluorobiphenyl	9.12	172	383174	79.32	ng	-0.06
78) Terphenyl-d14	12.86	244	126028	56.11	ng	-0.05

Target Compounds						Qvalue
9) Benzaldehyde	6.52	77	10999	4.41	ng	89
18) Hexachloroethane	7.32	117	4162	3.16	ng	# 7
19) n-Nitroso-di-n-propylamine	7.32	70	44933	16.63	ng	# 74
25) Isophorone	7.32	82	298881	48.06	ng	# 65
31) Naphthalene	8.05	128	331664	39.33	ng	99
33) 4-Chloroaniline	8.05	127	43496	12.69	ng	# 31
37) 2-Methylnaphthalene	8.75	142	81356	15.16	ng	98
45) 1,1'-Biphenyl	9.21	154	36217	6.20	ng	96
48) Acenaphthylene	9.64	152	246644	31.18	ng	99
49) Dimethylphthalate	9.52	163	99406	17.60	ng	# 97
51) Acenaphthene	9.82	154	361709	74.66	ng	99
54) Dibenzofuran	9.98	168	226427	34.56	ng	# 89
55) 4-Nitrophenol	9.82	139	5043	4.68	ng	87
56) 2,4-Dinitrotoluene	9.94	165	3508	2.25	ng	# 53
57) Fluorene	10.34	166	380535	75.09	ng	99
61) 4-Nitroaniline	10.34	138	5310	3.59	ng	# 29
66) 4-Bromophenyl-phenylether	10.57	248	4654	3.83	ng	# 1
70) Phenanthrene	11.33	178	4448991	684.40	ng	96
71) Anthracene	11.33	178	4448991	691.30	ng	97
72) Carbazole	11.50	167	313112	49.97	ng	# 96
74) Fluoranthene	12.52	202	2591712	368.81	ng	96
76) Benzidine	12.60	184	983	2.59	ng	# 1
77) Pyrene	12.59	202	114233	33.33	ng	97
80) Benzo(a)anthracene	13.92	228	1175413	401.10	ng	93
81) 3,3'-Dichlorobenzidine	13.96	252	13844	12.99	ng	# 1
82) Chrysene	13.96	228	776459	276.71	ng	95
83) Bis(2-ethylhexyl)phthalate	13.91	149	5784	2.52	ng	# 84
85) Indeno(1,2,3-cd)pyrene	16.68	276	356835	133.63	ng	95
87) Benzo(b)fluoranthene	14.95	252	1310180	375.13	ng	# 95
88) Benzo(k)fluoranthene	14.95	252	1310180	428.81	ng	98
89) Benzo(a)pyrene	15.29	252	645392	215.00	ng	# 92
90) Dibenzo(a,h)anthracene	16.80	278	67761	25.52	ng	97
91) Benzo(a,h,i)perylene	17.08	276	320846	124.24	ng	96

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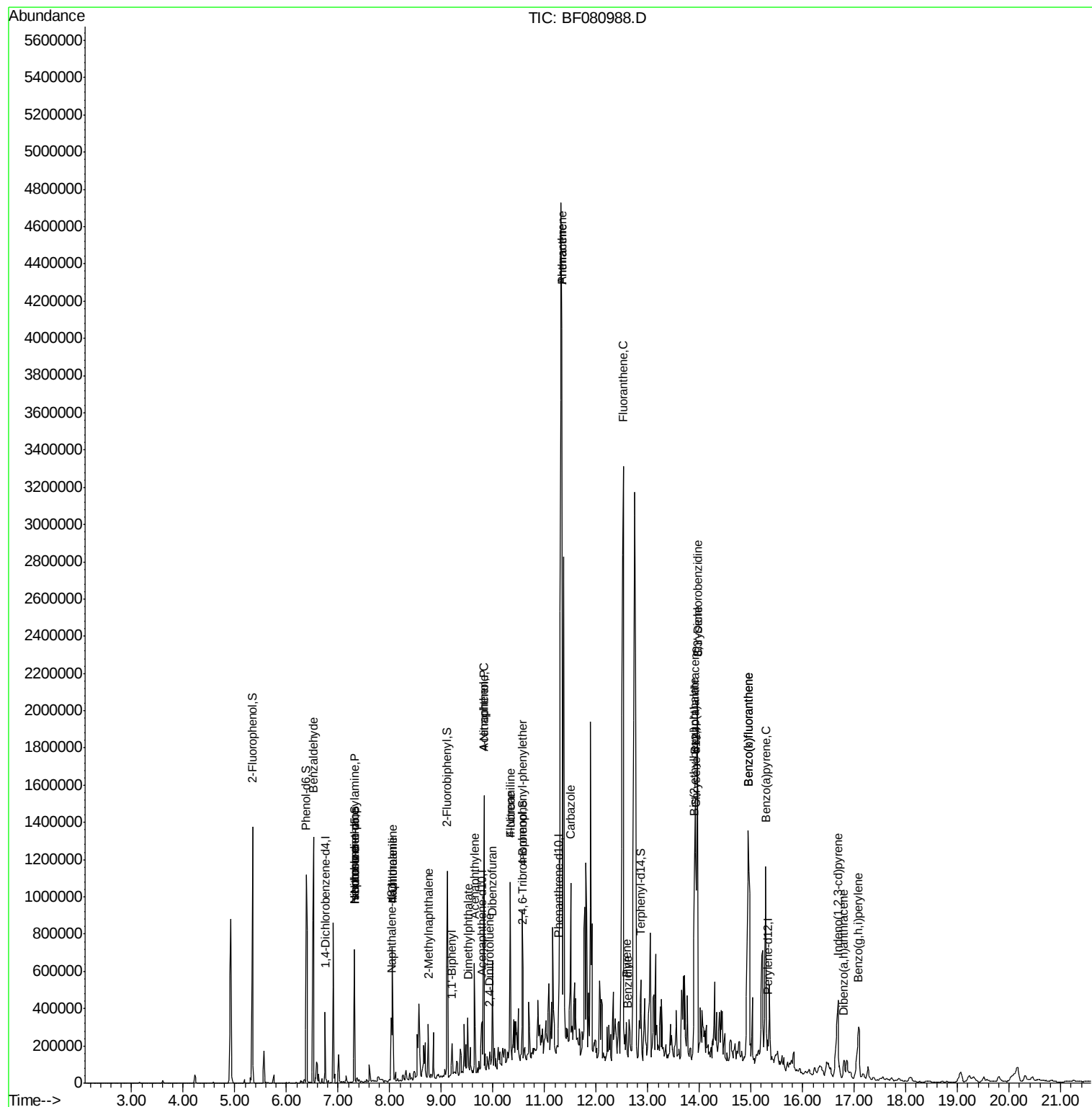
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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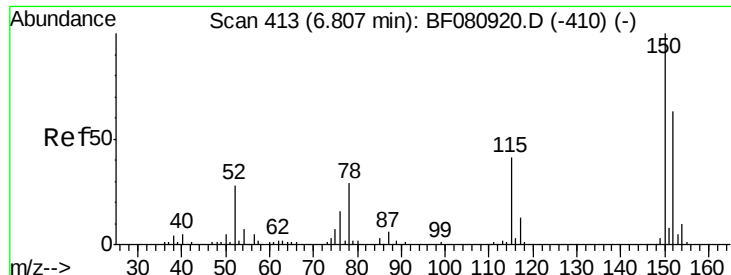
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.75 min Scan# 408

Delta R.T. -0.06 min

Lab File: BF080988.D

Acq: 13 Aug 2015 19:06

Instrument :

BNA_F

ClientSampleId :

STOCKPILE8-12-15REUSE

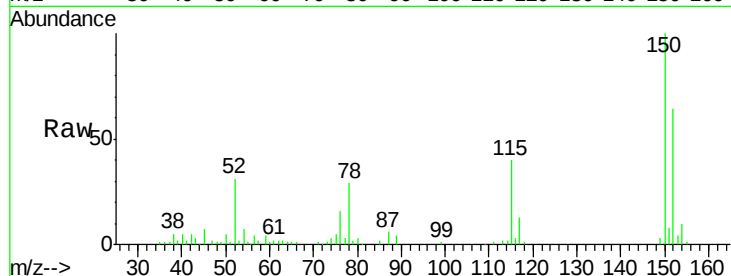
Tot Ion:152 Resp: 44067

Ion Ratio Lower Upper

152 100

150 156.0 127.4 191.2

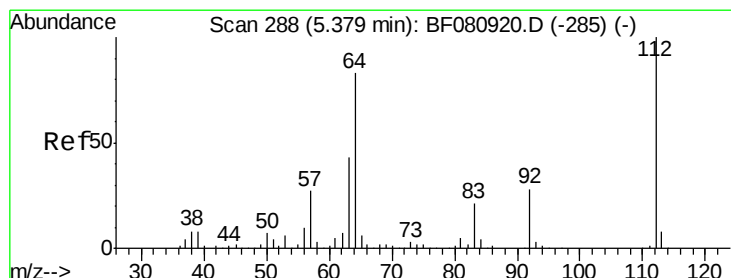
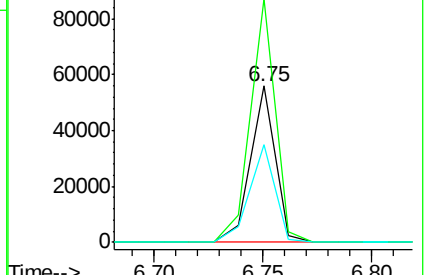
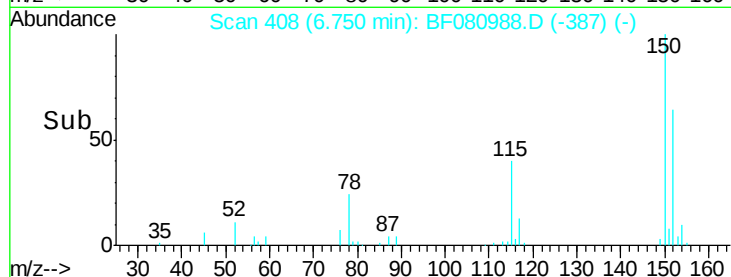
115 62.3 52.6 78.8



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: 120.21 ng

RT: 5.34 min Scan# 285

Delta R.T. -0.03 min

Lab File: BF080988.D

Acq: 13 Aug 2015 19:06

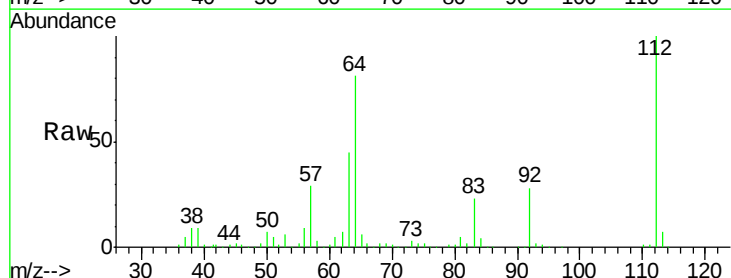
Tgt Ion:112 Resp: 324221

Ion Ratio Lower Upper

112 100

64 80.9 66.1 99.1

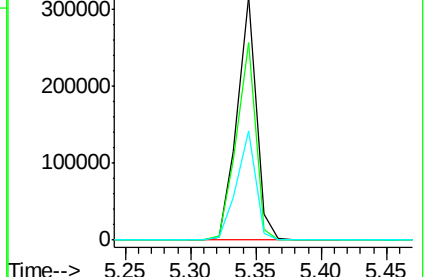
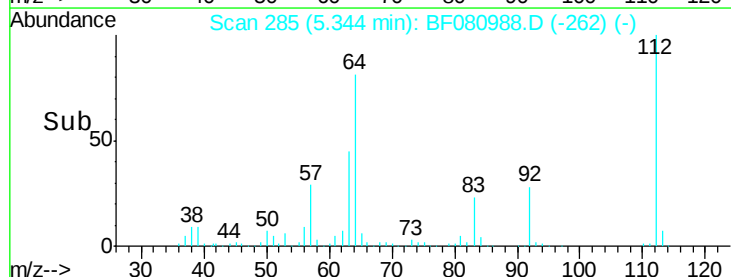
63 44.6 34.6 52.0

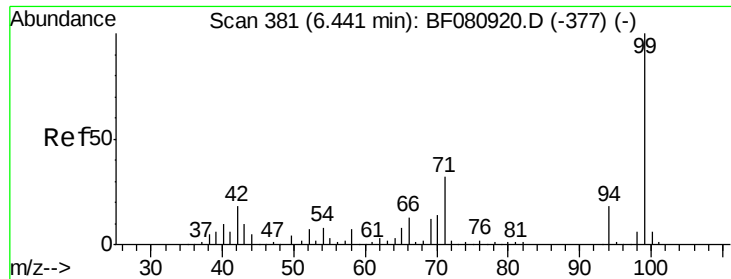


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 134.25 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.06 min

Lab File: BF080988.D

Acq: 13 Aug 2015 19:06

Instrument :

BNA_F

ClientSampleId :

STOCKPILE8-12-15REUSE

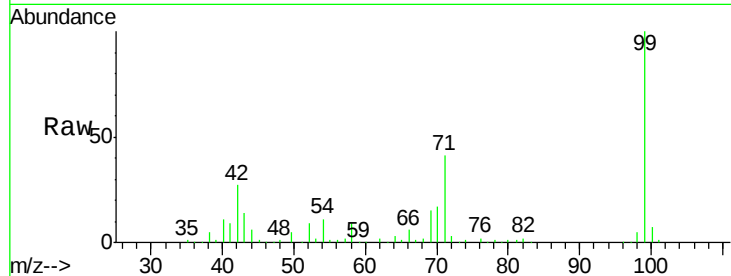
Tot Ion: 99 Resp: 496158

Ion Ratio Lower Upper

99 100

42 27.4 14.4 21.6#

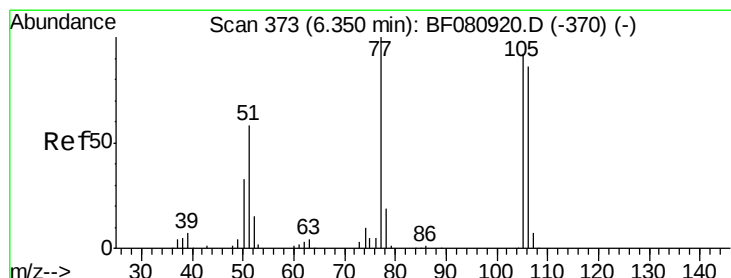
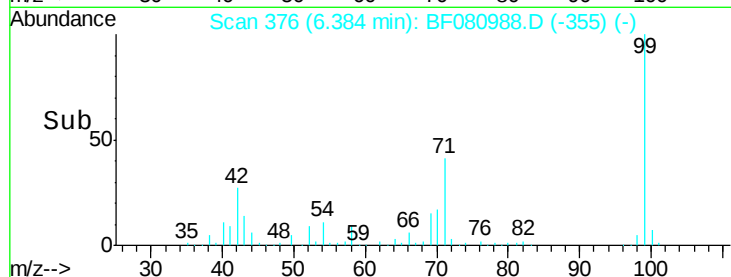
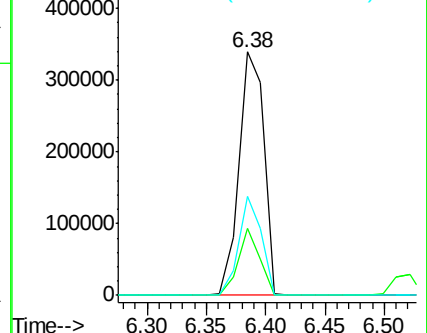
71 40.8 25.8 38.8#



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: 4.41 ng

RT: 6.52 min Scan# 388

Delta R.T. 0.17 min

Lab File: BF080988.D

Acq: 13 Aug 2015 19:06

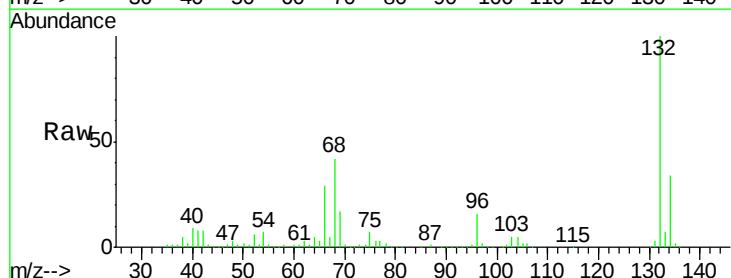
Tgt Ion: 77 Resp: 10999

Ion Ratio Lower Upper

77 100

105 79.1 71.6 111.6

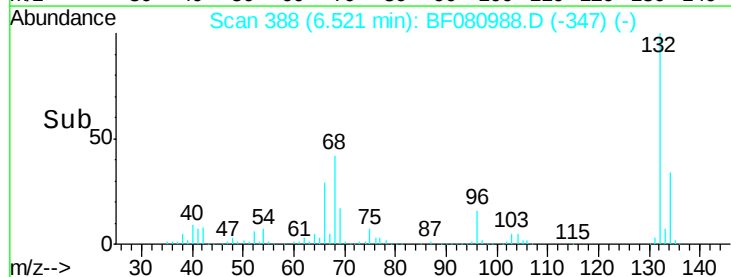
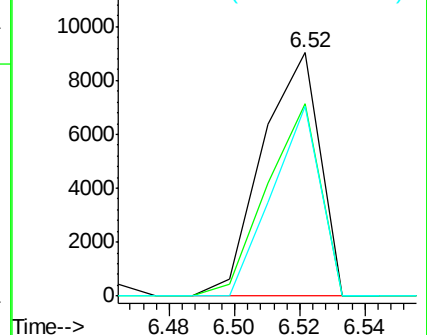
106 77.8 65.7 105.7

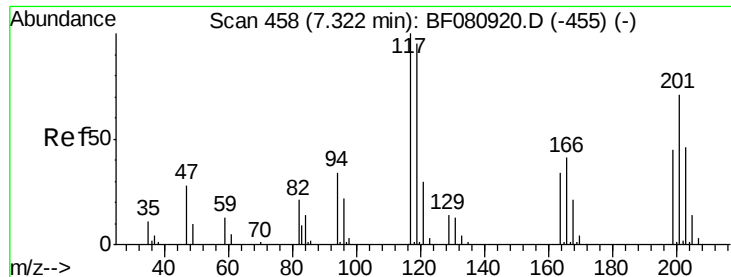


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0

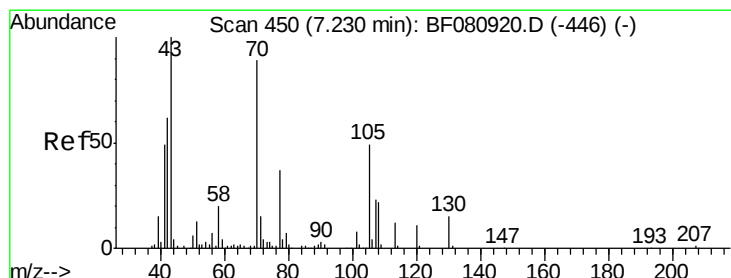
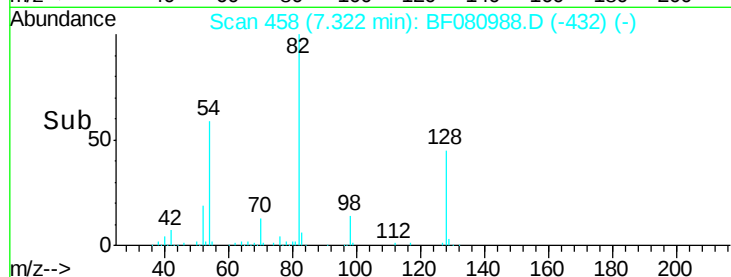
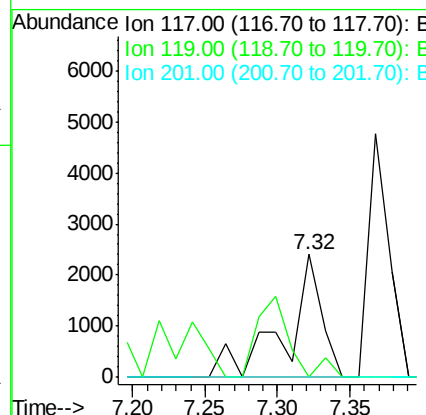
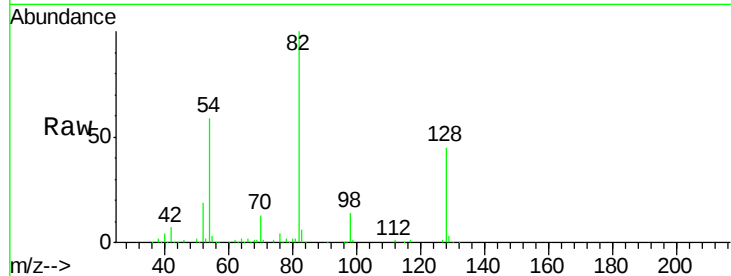




#18
Hexachloroethane
Concen: 3.16 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.00 min
Lab File: BF080988.D
Acq: 13 Aug 2015 19:06

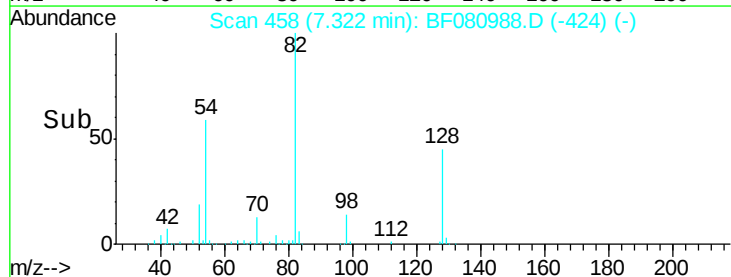
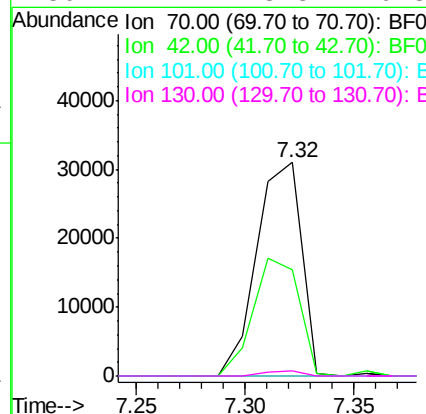
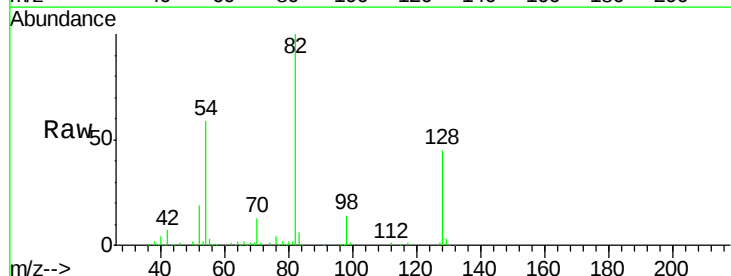
Instrument :
BNA_F
ClientSampleId :
STOCKPILE8-12-15REUSE

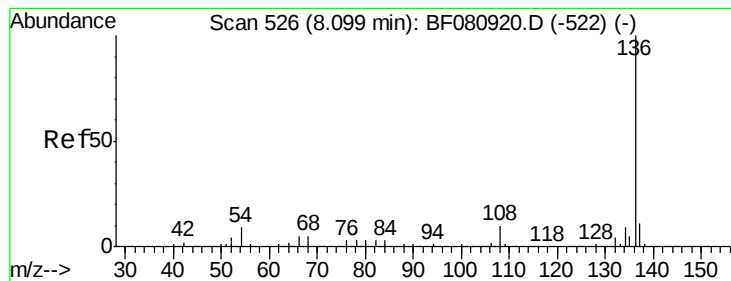
Tot Ion: 117 Resp: 4162
Ion Ratio Lower Upper
117 100
119 0.0 76.3 114.5#
201 0.0 57.0 85.6#



#19
n-Nitroso-di-n-propylamine
Concen: 16.63 ng
RT: 7.32 min Scan# 458
Delta R.T. 0.09 min
Lab File: BF080988.D
Acq: 13 Aug 2015 19:06

Tgt Ion: 70 Resp: 44933
Ion Ratio Lower Upper
70 100
42 49.6 55.7 83.5#
101 0.0 7.0 10.6#
130 2.2 13.8 20.8#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.03 min Scan# 520

Delta R.T. -0.07 min

Lab File: BF080988.D

Acq: 13 Aug 2015 19:06

Instrument :

BNA_F

ClientSampleId :

STOCKPILE8-12-15REUSE

Tot Ion:136 Resp: 152974

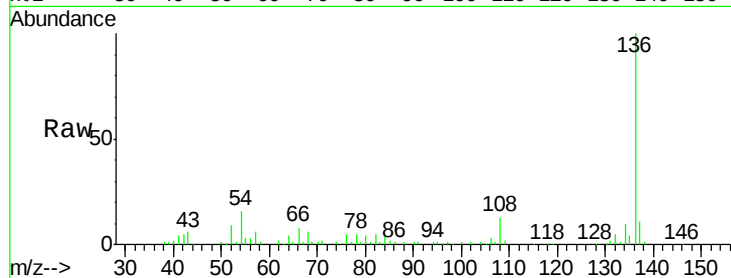
Ion Ratio Lower Upper

136 100

137 11.4 8.5 12.7

54 15.8 7.1 10.7#

68 6.4 3.8 5.8#

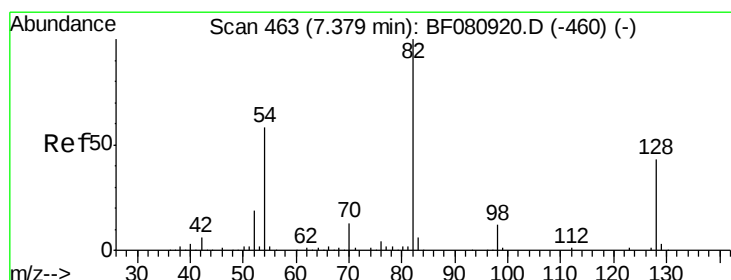
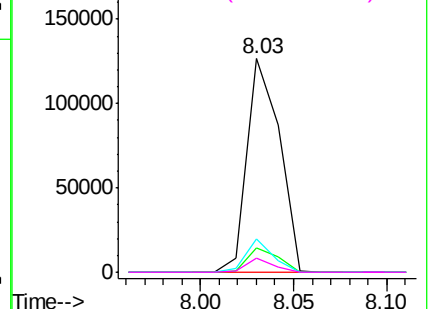
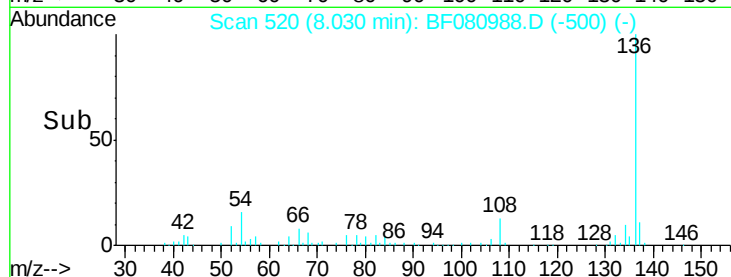


Abundance Ion 136.00 (135.70 to 136.70): E

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: 100.15 ng

RT: 7.32 min Scan# 458

Delta R.T. -0.06 min

Lab File: BF080988.D

Acq: 13 Aug 2015 19:06

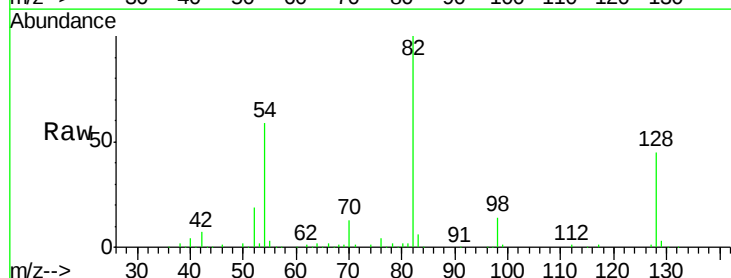
Tgt Ion: 82 Resp: 323896

Ion Ratio Lower Upper

82 100

128 44.6 34.1 51.1

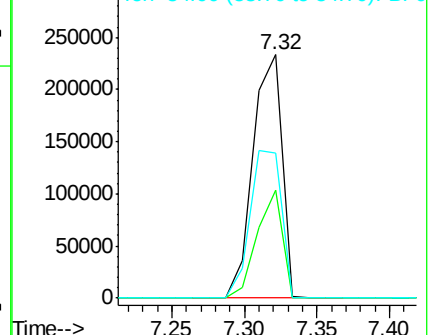
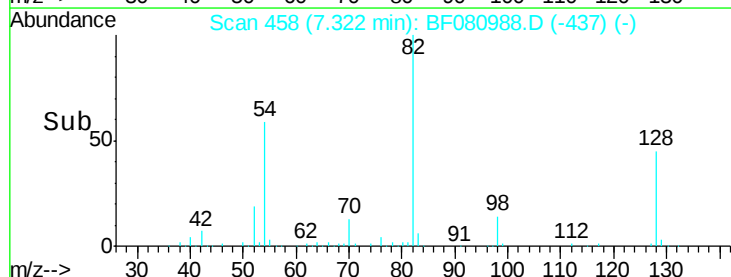
54 59.4 46.5 69.7

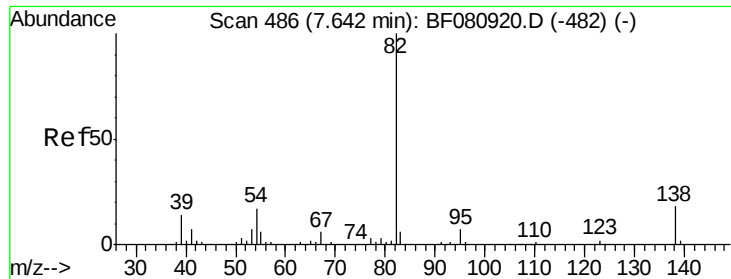


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 48.06 ng

RT: 7.32 min Scan# 458

Delta R.T. -0.32 min

Lab File: BF080988.D

Acq: 13 Aug 2015 19:06

Instrument :

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ClientSampleId :

STOCKPILE8-12-15REUSE

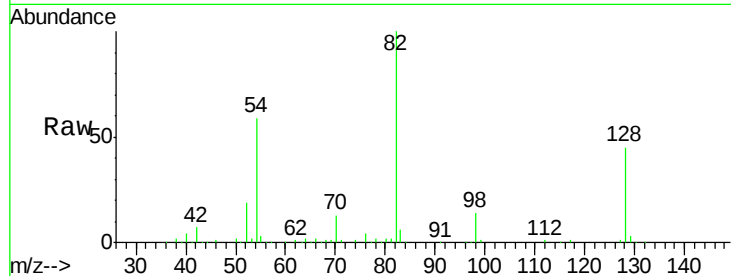
Tot Ion: 82 Resp: 298881

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

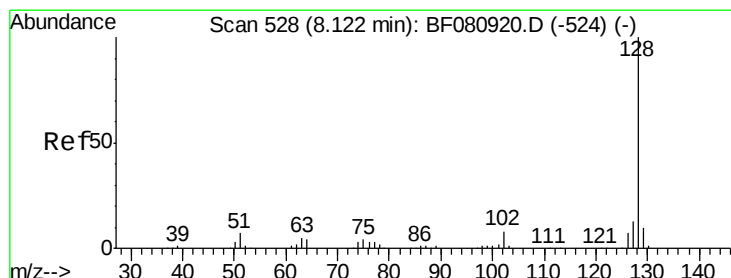
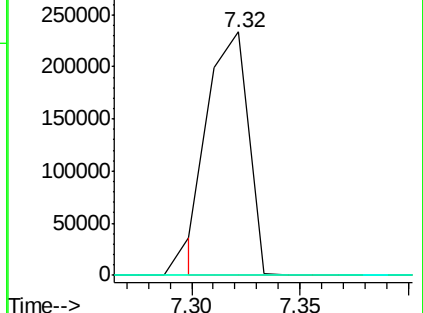
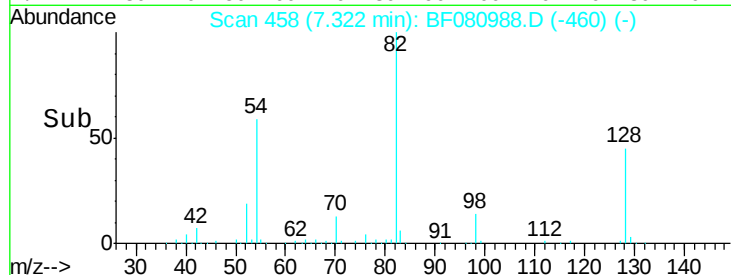
138 0.0 14.1 21.1#



Abundance Ion 82.00 (81.70 to 82.70): BF080988.D (-460) (-)

Ion 95.00 (94.70 to 95.70): BF080988.D (-460) (-)

Ion 138.00 (137.70 to 138.70): BF080988.D (-460) (-)



#31

Naphthalene

Concen: 39.33 ng

RT: 8.05 min Scan# 522

Delta R.T. -0.07 min

Lab File: BF080988.D

Acq: 13 Aug 2015 19:06

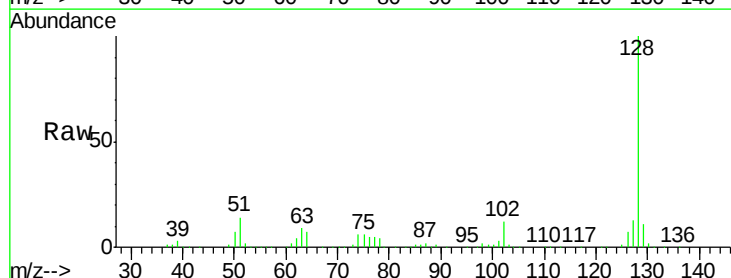
Tgt Ion: 128 Resp: 331664

Ion Ratio Lower Upper

128 100

129 11.2 8.4 12.6

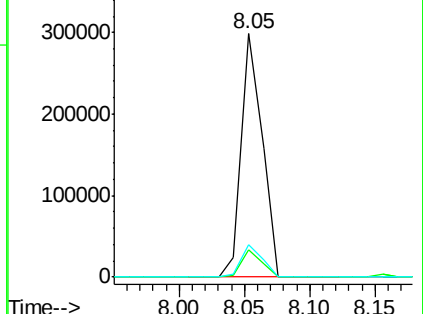
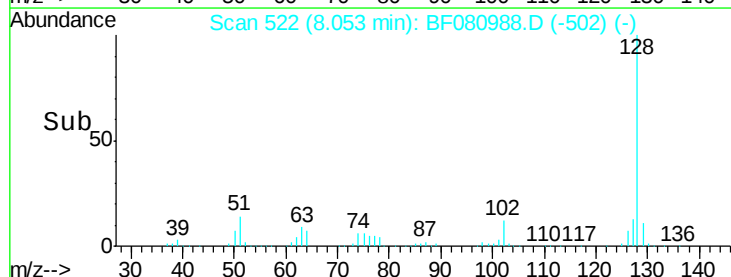
127 13.3 10.5 15.7

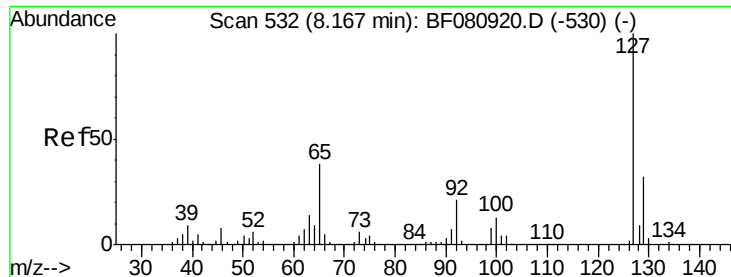


Abundance Ion 128.00 (127.70 to 128.70): BF080988.D (-502) (-)

Ion 129.00 (128.70 to 129.70): BF080988.D (-502) (-)

Ion 127.00 (126.70 to 127.70): BF080988.D (-502) (-)

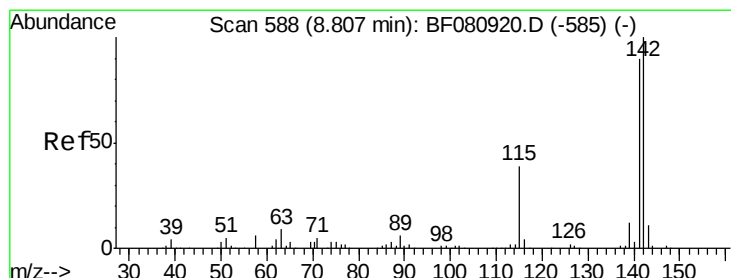
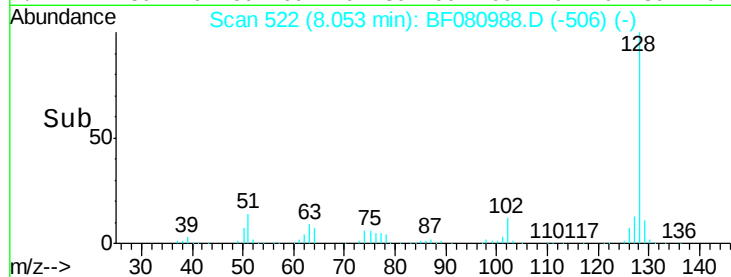
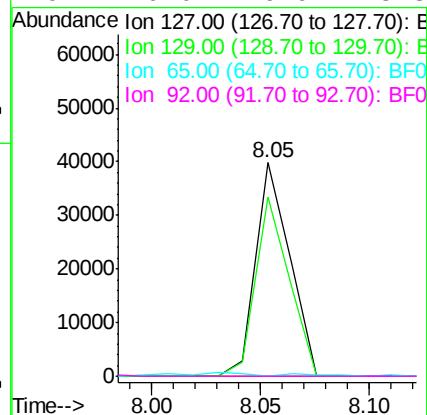
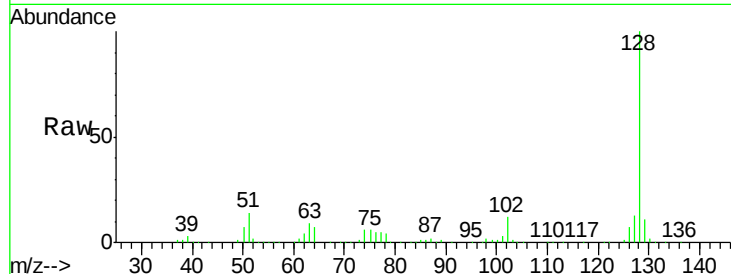




#33
4-Chloroaniline
Concen: 12.69 ng
RT: 8.05 min Scan# 522
Delta R.T. -0.11 min
Lab File: BF080988.D
Acq: 13 Aug 2015 19:06

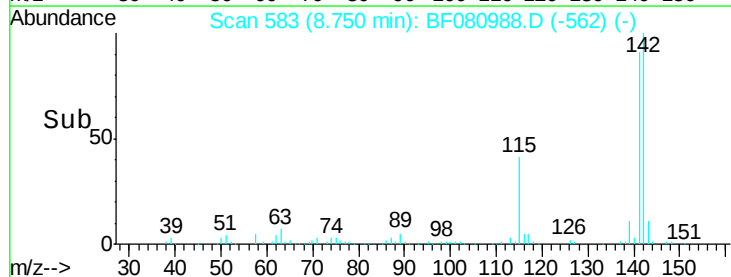
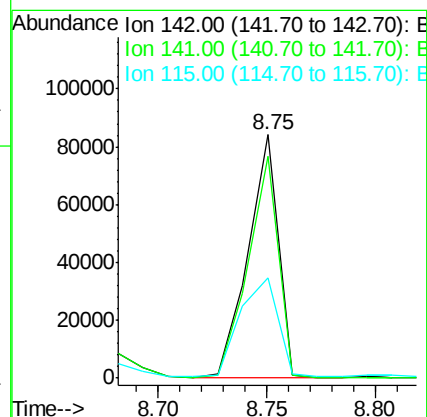
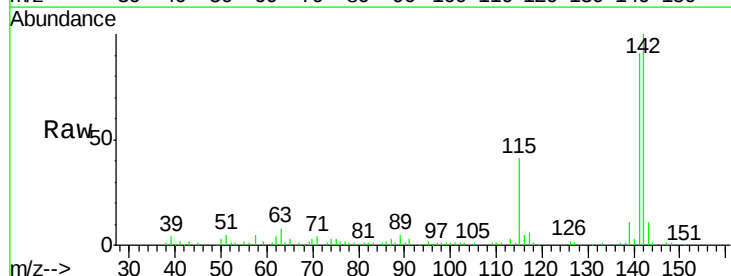
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ClientSampleId :
STOCKPILE8-12-15REUSE

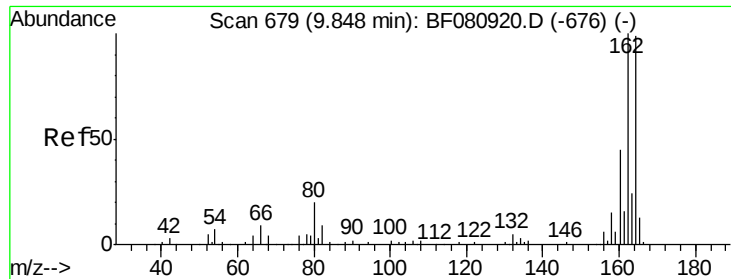
Tot Ion:127 Resp: 43496
Ion Ratio Lower Upper
127 100
129 84.0 25.9 38.9#
65 0.0 30.6 45.8#
92 0.0 16.9 25.3#



#37
2-Methylnaphthalene
Concen: 15.16 ng
RT: 8.75 min Scan# 583
Delta R.T. -0.06 min
Lab File: BF080988.D
Acq: 13 Aug 2015 19:06

Tgt Ion:142 Resp: 81356
Ion Ratio Lower Upper
142 100
141 90.9 71.7 107.5
115 41.4 30.9 46.3





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.79 min Scan# 674

Delta R.T. -0.06 min

Lab File: BF080988.D

Acq: 13 Aug 2015 19:06

Instrument :

BNA_F

ClientSampleId :

STOCKPILE8-12-15REUSE

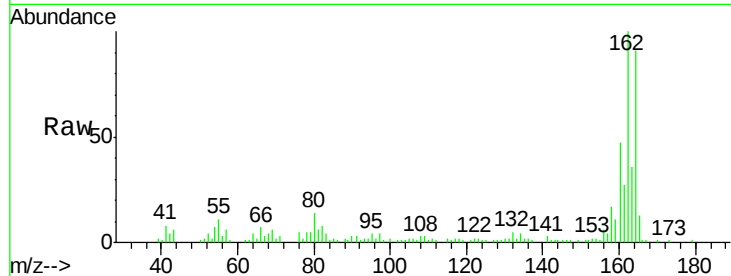
Tot Ion:164 Resp: 68009

Ion Ratio Lower Upper

164 100

162 109.9 80.5 120.7

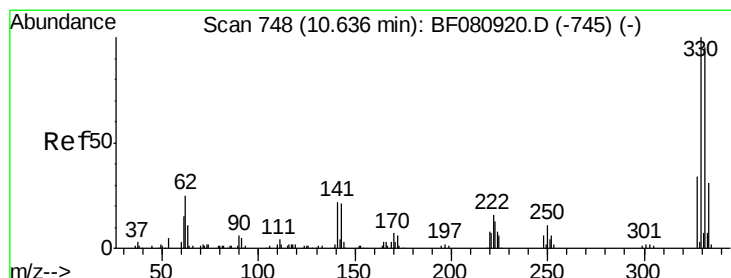
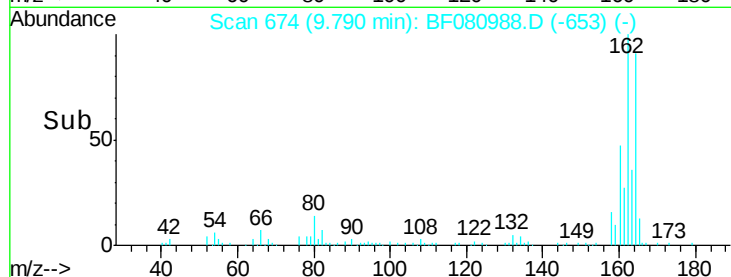
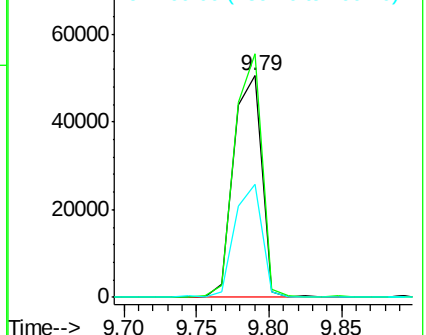
160 51.2 36.6 54.8



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: 85.90 ng

RT: 10.58 min Scan# 743

Delta R.T. -0.06 min

Lab File: BF080988.D

Acq: 13 Aug 2015 19:06

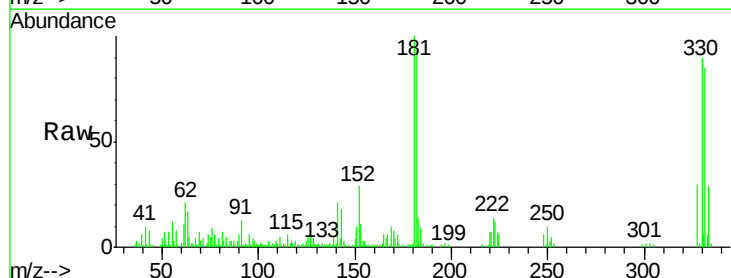
Tgt Ion:330 Resp: 64177

Ion Ratio Lower Upper

330 100

332 95.3 76.2 114.4

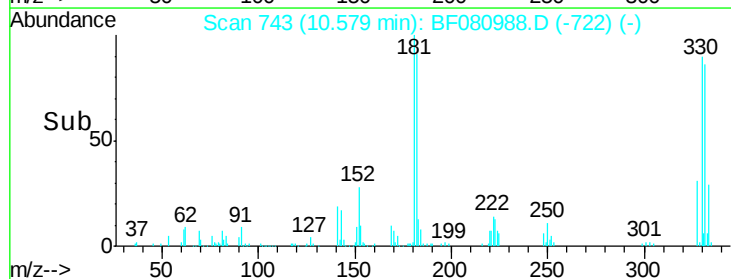
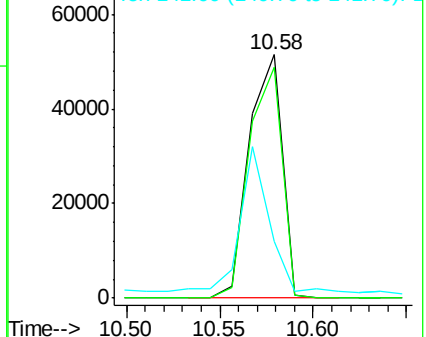
141 55.9 27.8 41.8#

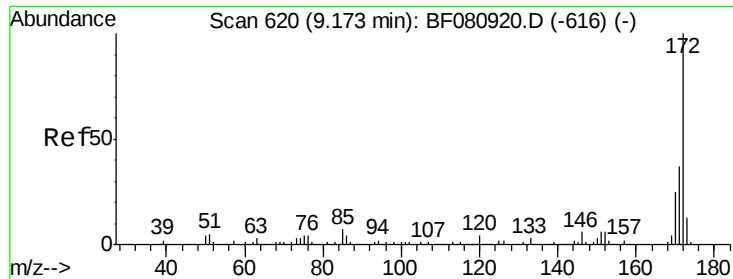


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

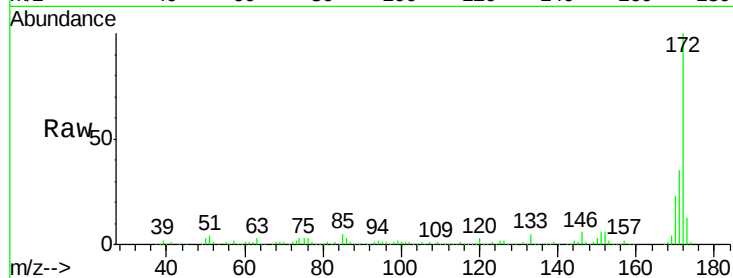




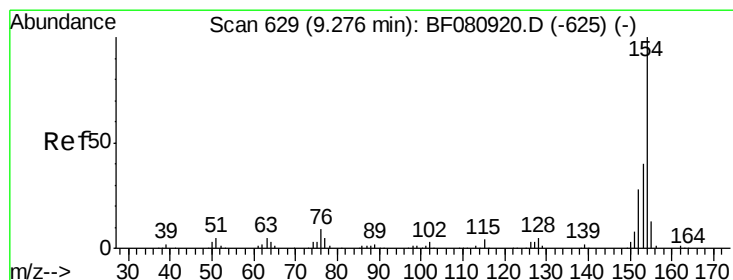
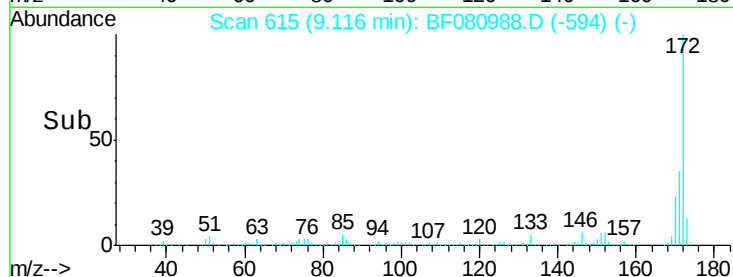
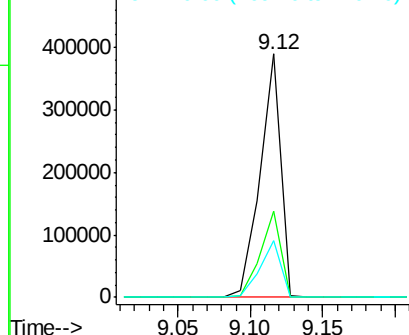
#44
 2-Fluorobiphenyl
 Concen: 79.32 ng
 RT: 9.12 min Scan# 615
 Delta R.T. -0.06 min
 Lab File: BF080988.D
 Acq: 13 Aug 2015 19:06

Instrument :
 BNA_F
 ClientSampleId :
 STOCKPILE8-12-15REUSE

Tot Ion:172 Resp: 383174
 Ion Ratio Lower Upper
 172 100
 171 35.3 29.4 44.0
 170 23.5 19.7 29.5

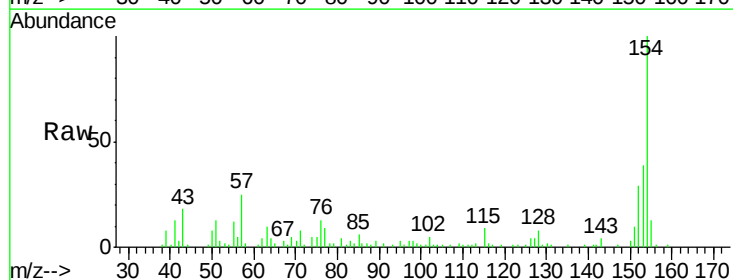


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

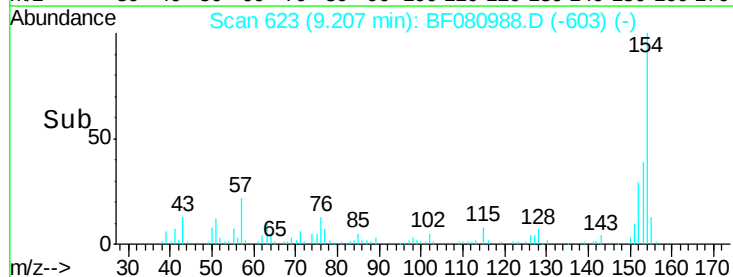
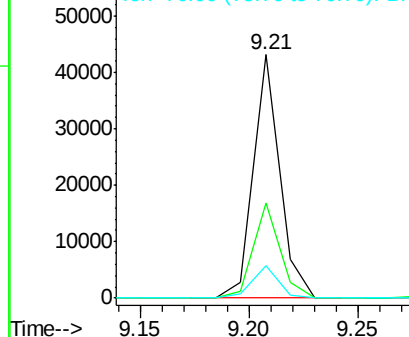


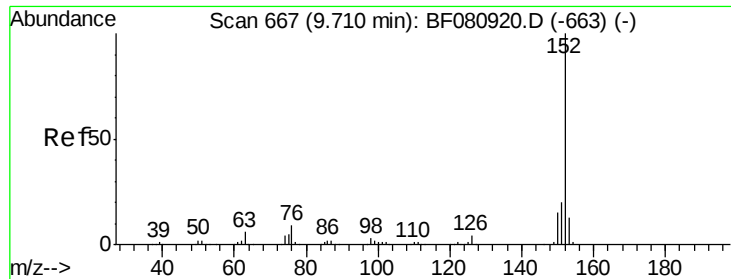
#45
 1,1'-Biphenyl
 Concen: 6.20 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.07 min
 Lab File: BF080988.D
 Acq: 13 Aug 2015 19:06

Tgt Ion:154 Resp: 36217
 Ion Ratio Lower Upper
 154 100
 153 38.9 20.1 60.1
 76 13.2 0.0 29.3



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0





#48

Acenaphthylene

Concen: 31.18 ng

RT: 9.64 min Scan# 661

Delta R.T. -0.07 min

Lab File: BF080988.D

Acq: 13 Aug 2015 19:06

Instrument :

BNA_F

ClientSampleId :

STOCKPILE8-12-15REUSE

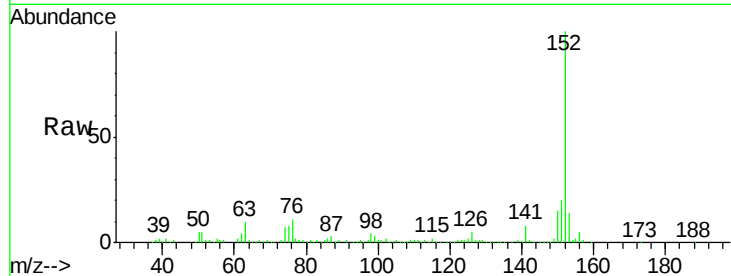
Tot Ion:152 Resp: 246644

Ion Ratio Lower Upper

152 100

151 20.3 16.3 24.5

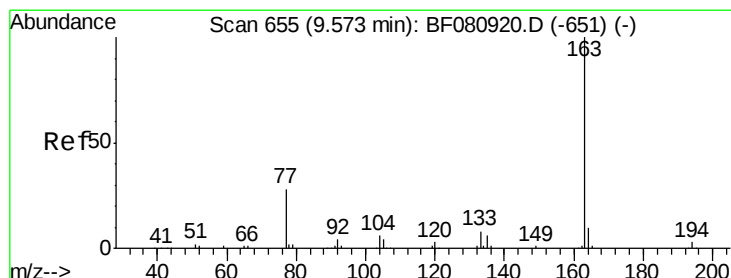
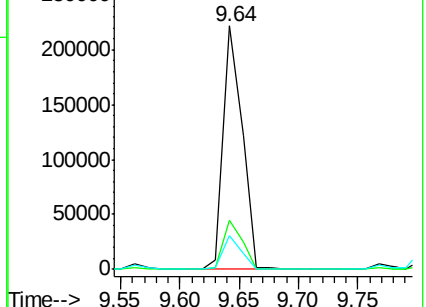
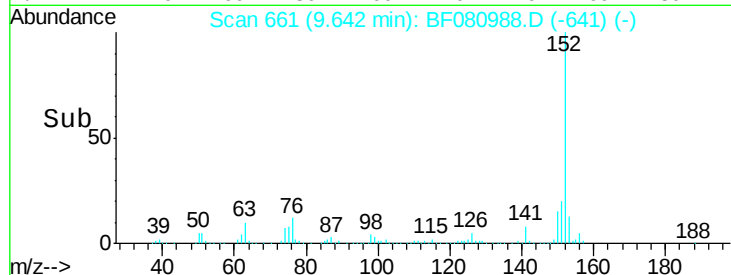
153 13.7 10.5 15.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 17.60 ng

RT: 9.52 min Scan# 650

Delta R.T. -0.06 min

Lab File: BF080988.D

Acq: 13 Aug 2015 19:06

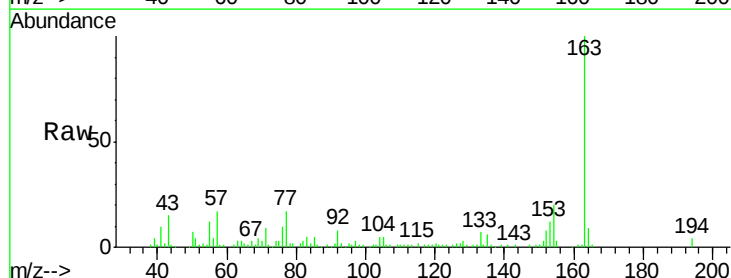
Tgt Ion:163 Resp: 99406

Ion Ratio Lower Upper

163 100

194 3.7 2.4 3.6#

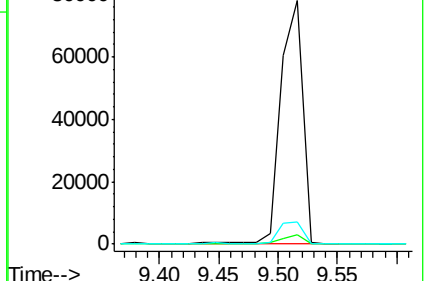
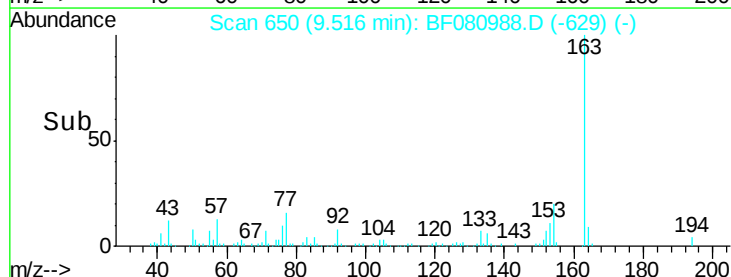
164 9.1 8.2 12.4

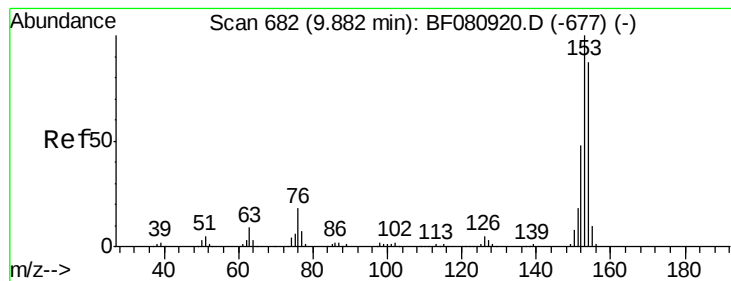


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

Acenaphthene

Concen: 74.66 ng

RT: 9.82 min Scan# 677

Delta R.T. -0.06 min

Lab File: BF080988.D

Acq: 13 Aug 2015 19:06

Instrument :

BNA_F

ClientSampleId :

STOCKPILE8-12-15REUSE

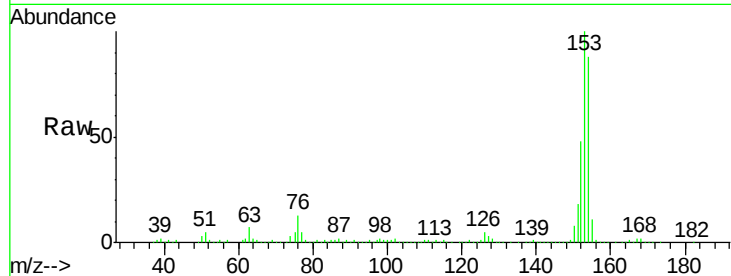
Tot Ion:154 Resp: 361709

Ion Ratio Lower Upper

154 100

153 113.3 91.4 137.2

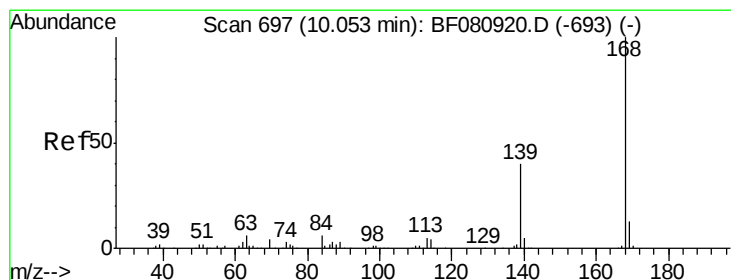
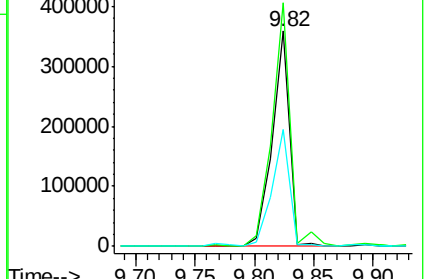
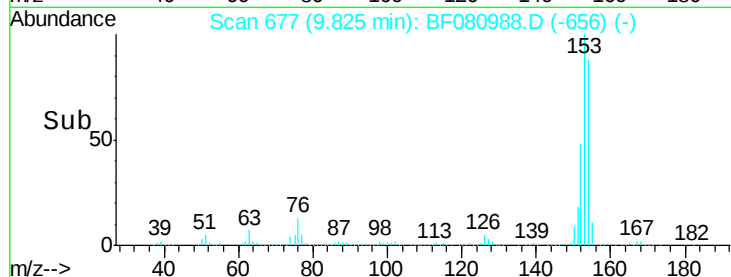
152 54.7 44.2 66.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#54

Dibenzofuran

Concen: 34.56 ng

RT: 9.98 min Scan# 691

Delta R.T. -0.07 min

Lab File: BF080988.D

Acq: 13 Aug 2015 19:06

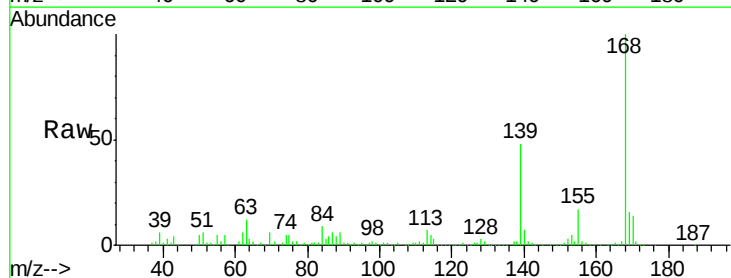
Tgt Ion:168 Resp: 226427

Ion Ratio Lower Upper

168 100

139 48.0 31.9 47.9#

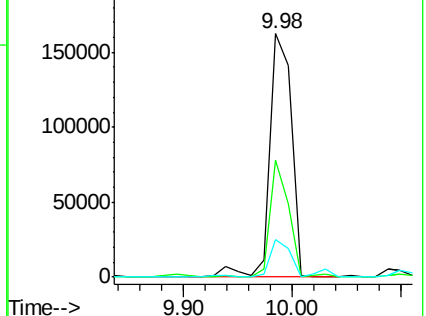
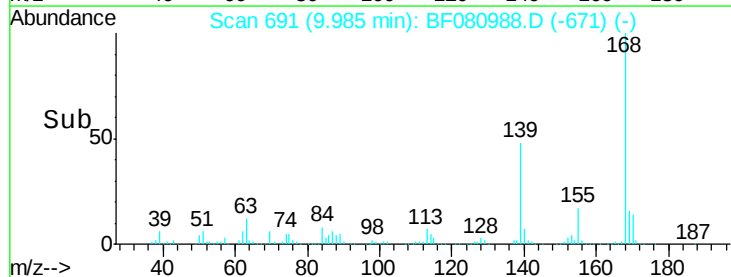
169 15.6 10.6 15.8

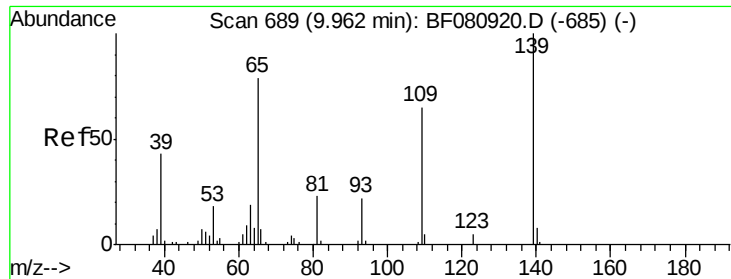


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

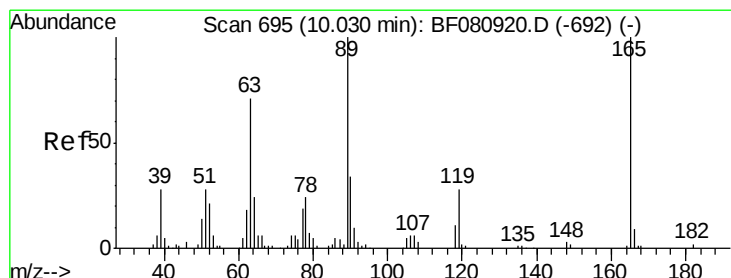
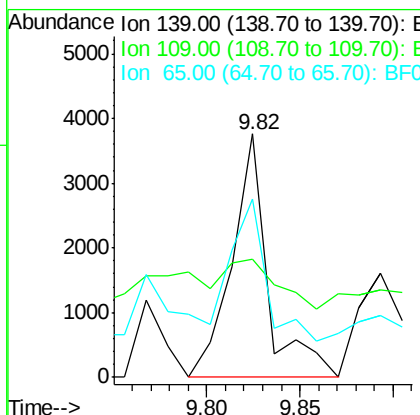
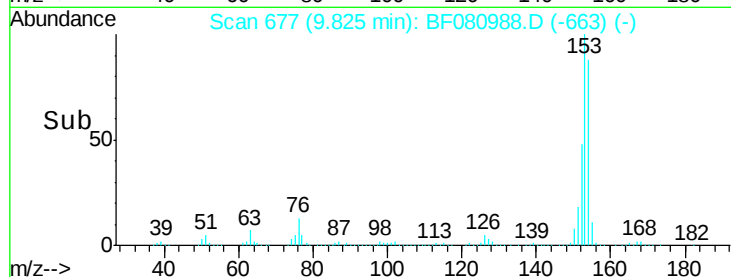
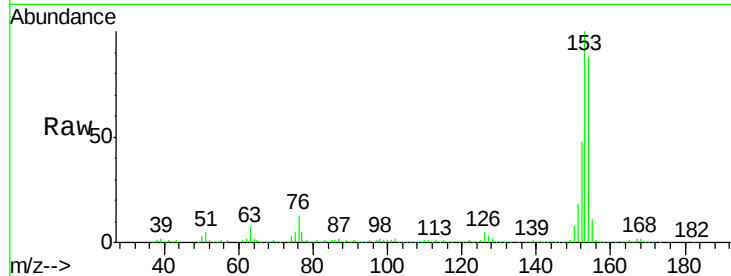




#55
4-Nitrophenol
Concen: 4.68 ng
RT: 9.82 min Scan# 677
Delta R.T. -0.14 min
Lab File: BF080988.D
Acq: 13 Aug 2015 19:06

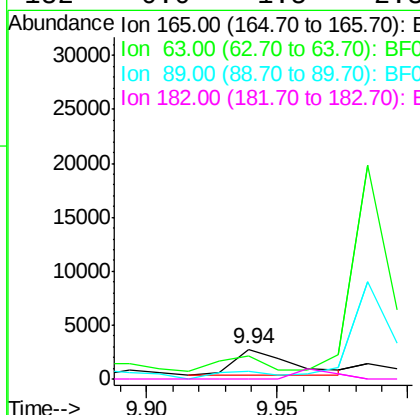
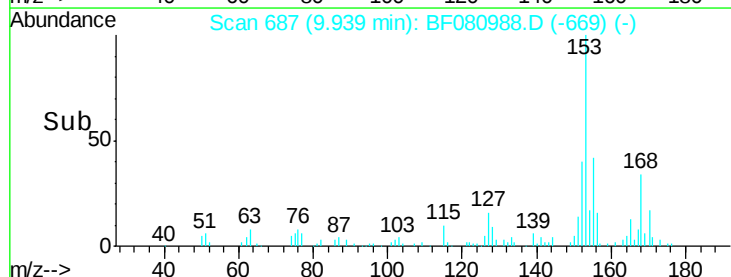
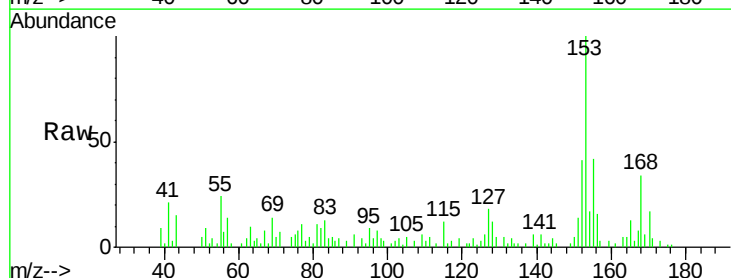
Instrument :
BNA_F
ClientSampleId :
STOCKPILE8-12-15REUSE

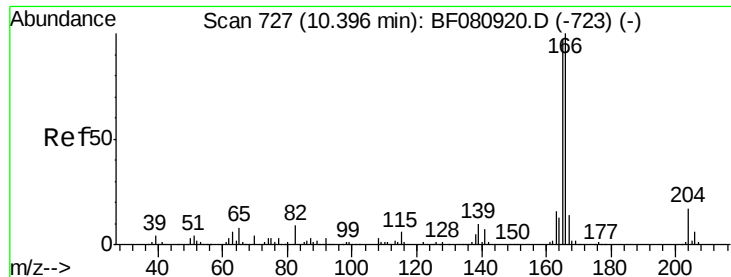
Tot Ion:139 Resp: 5043
Ion Ratio Lower Upper
139 100
109 48.4 44.7 84.7
65 73.3 59.5 99.5



#56
2,4-Dinitrotoluene
Concen: 2.25 ng
RT: 9.94 min Scan# 687
Delta R.T. -0.09 min
Lab File: BF080988.D
Acq: 13 Aug 2015 19:06

Tgt Ion:165 Resp: 3508
Ion Ratio Lower Upper
165 100
63 77.6 56.7 85.1
89 25.9 80.4 120.6#
182 0.0 1.5 2.3#





#57

Fluorene

Concen: 75.09 ng

RT: 10.34 min Scan# 722

Delta R.T. -0.06 min

Lab File: BF080988.D

Acq: 13 Aug 2015 19:06

Instrument :

BNA_F

ClientSampleId :

STOCKPILE8-12-15REUSE

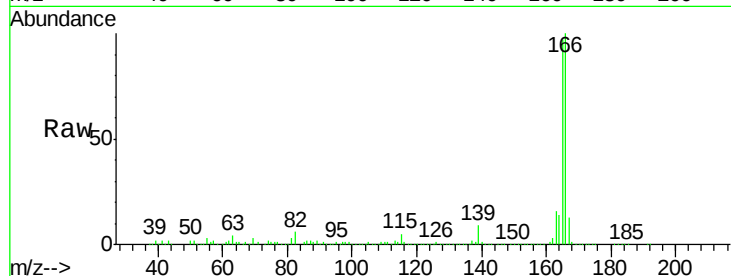
Tot Ion:166 Resp: 380535

Ion Ratio Lower Upper

166 100

165 97.3 77.2 115.8

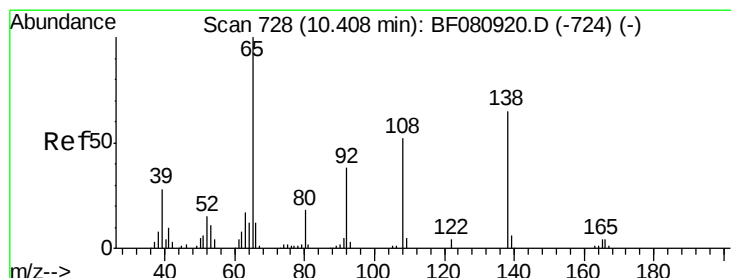
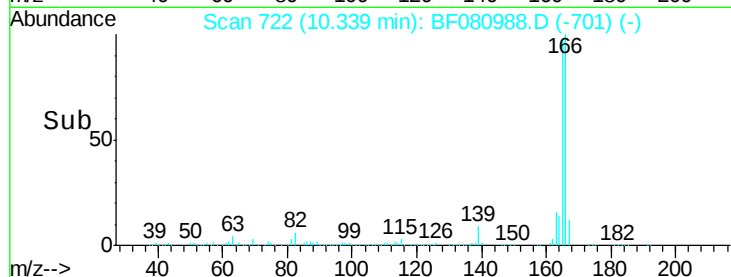
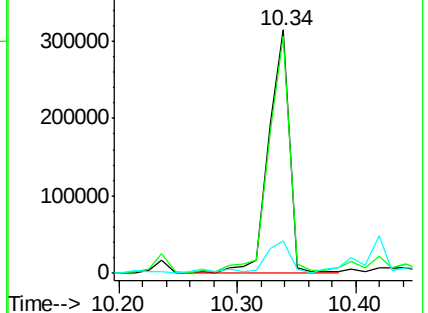
167 13.3 10.8 16.2



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: 3.59 ng

RT: 10.34 min Scan# 722

Delta R.T. -0.07 min

Lab File: BF080988.D

Acq: 13 Aug 2015 19:06

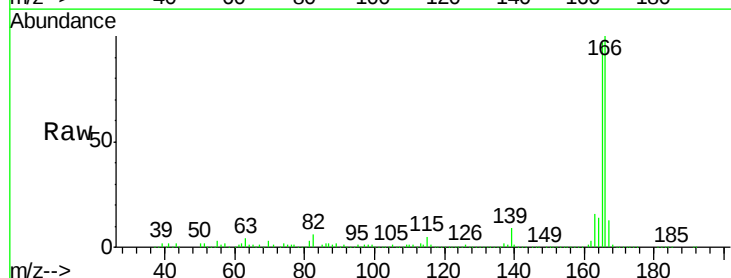
Tgt Ion:138 Resp: 5310

Ion Ratio Lower Upper

138 100

92 9.8 38.1 78.1#

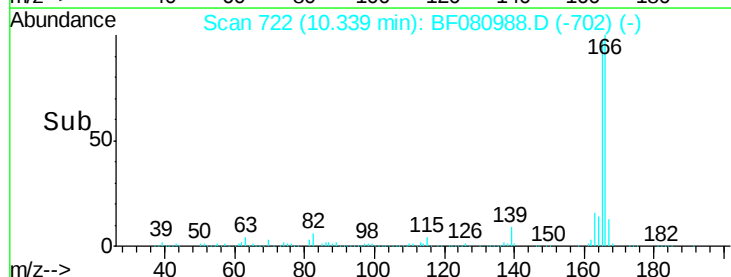
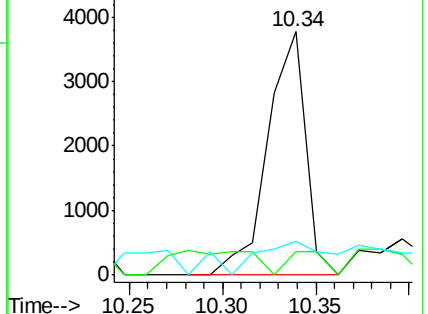
108 13.6 59.9 99.9#

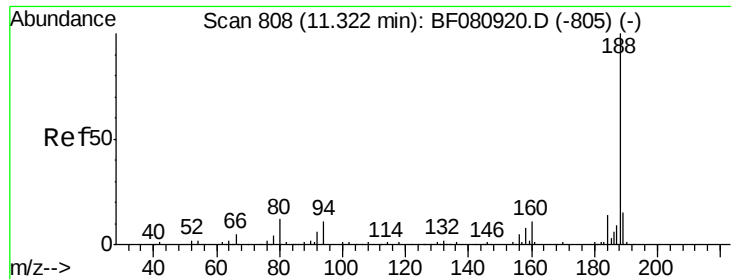


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E

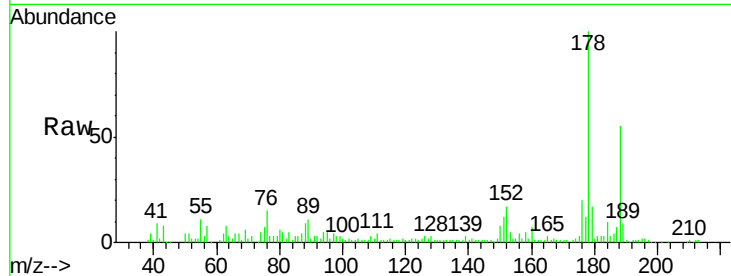




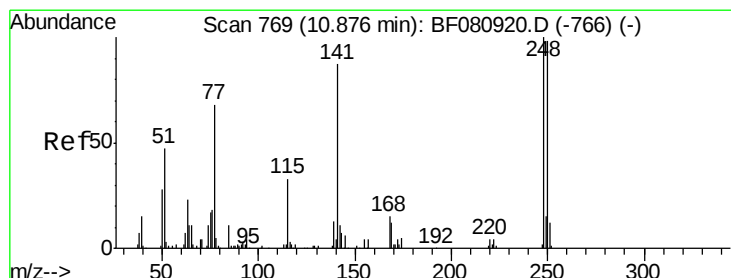
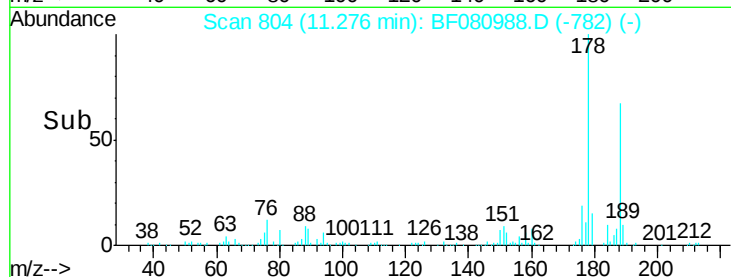
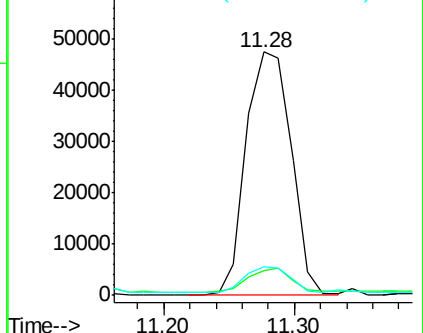
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.28 min Scan# 804
 Delta R.T. -0.05 min
 Lab File: BF080988.D
 Acq: 13 Aug 2015 19:06

Instrument :
 BNA_F
 ClientSampleId :
 STOCKPILE8-12-15REUSE

Tot Ion:188 Resp: 114799
 Ion Ratio Lower Upper
 188 100
 94 10.0 8.8 13.2
 80 11.5 9.5 14.3

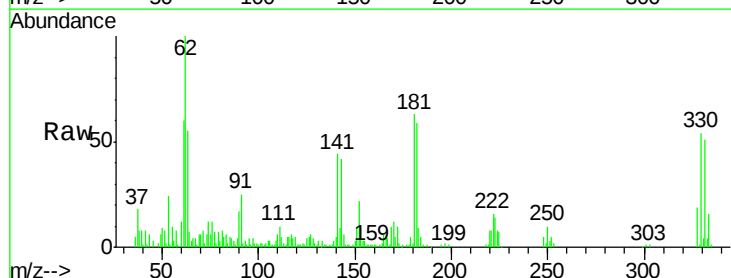


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

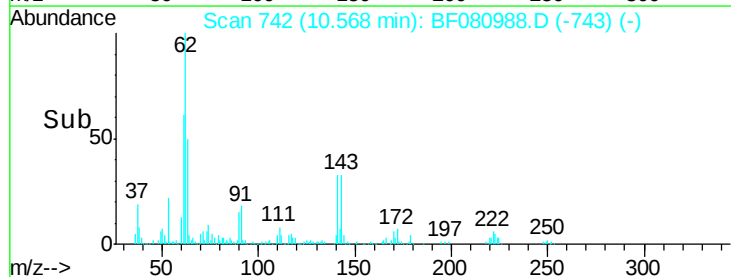
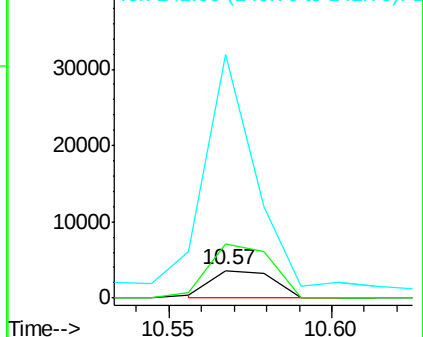


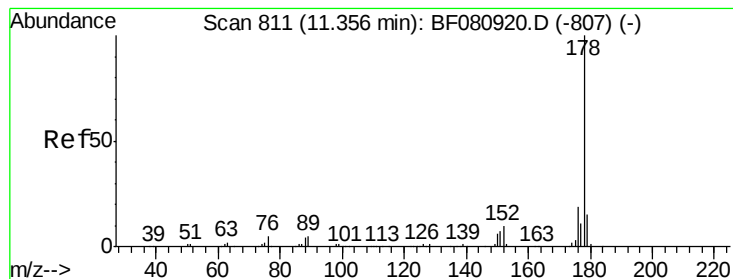
#66
 4-Bromophenyl-phenylether
 Concen: 3.83 ng
 RT: 10.57 min Scan# 742
 Delta R.T. -0.31 min
 Lab File: BF080988.D
 Acq: 13 Aug 2015 19:06

Tgt Ion:248 Resp: 4654
 Ion Ratio Lower Upper
 248 100
 250 197.3 78.1 117.1#
 141 888.4 69.6 104.4#



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





#70

Phenanthrene

Concen: 684.40 ng

RT: 11.33 min Scan# 809

Delta R.T. -0.02 min

Lab File: BF080988.D

Acq: 13 Aug 2015 19:06

Instrument :

BNA_F

ClientSampleId :

STOCKPILE8-12-15REUSE

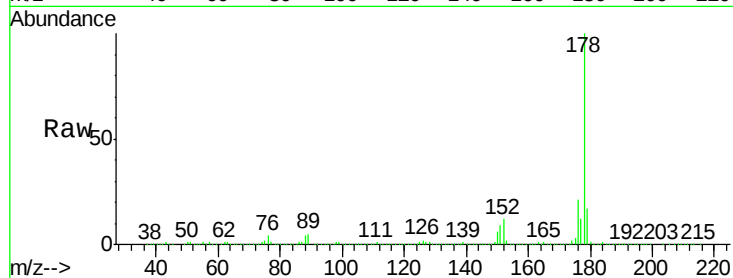
Tot Ion:178 Resp: 4448991

Ion Ratio Lower Upper

178 100

176 21.3 15.6 23.4

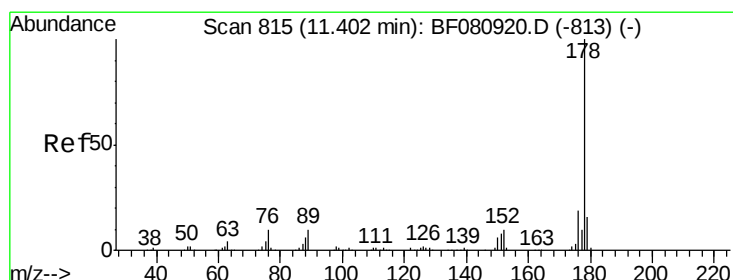
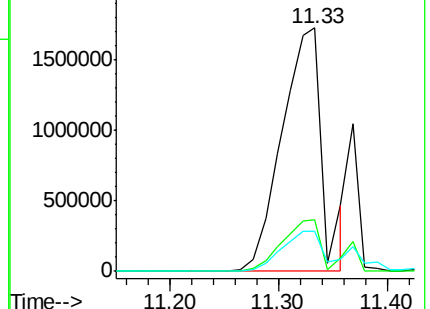
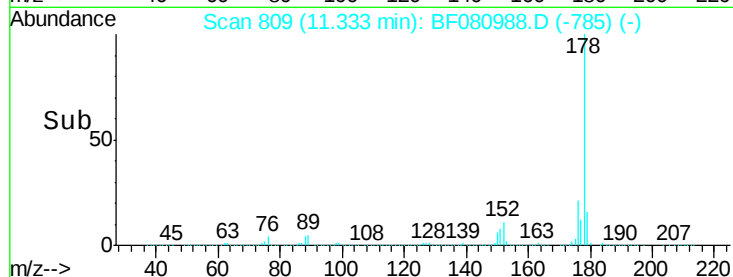
179 16.6 11.9 17.9



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: 691.30 ng

RT: 11.33 min Scan# 809

Delta R.T. -0.07 min

Lab File: BF080988.D

Acq: 13 Aug 2015 19:06

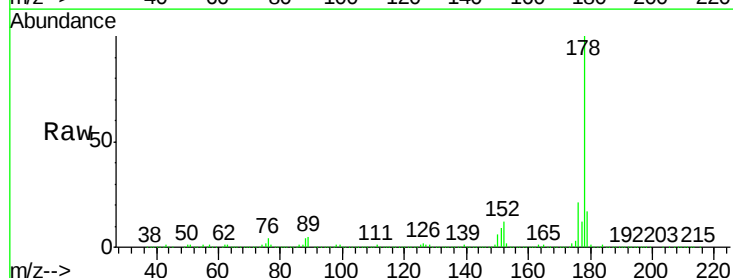
Tgt Ion:178 Resp: 4448991

Ion Ratio Lower Upper

178 100

176 21.3 15.5 23.3

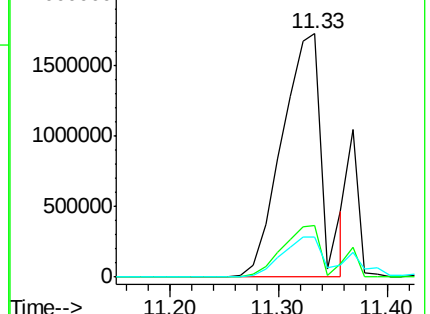
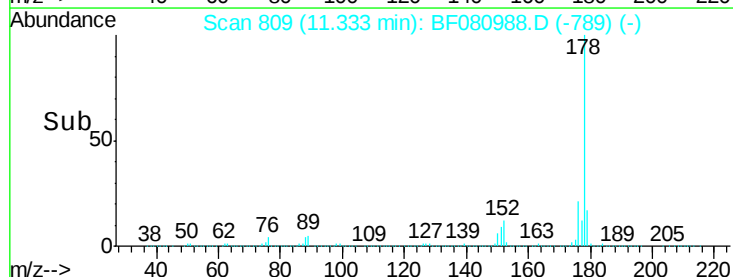
179 16.6 12.6 18.8

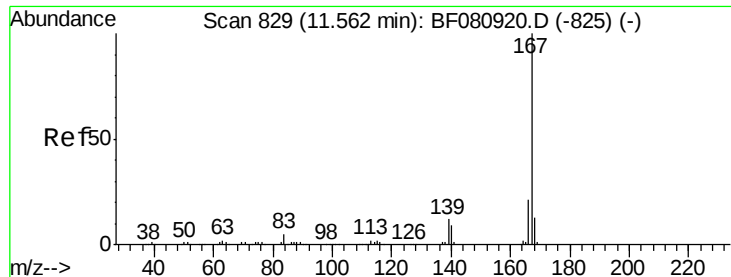


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 49.97 ng

RT: 11.50 min Scan# 824

Delta R.T. -0.06 min

Lab File: BF080988.D

Acq: 13 Aug 2015 19:06

Instrument :

BNA_F

ClientSampleId :

STOCKPILE8-12-15REUSE

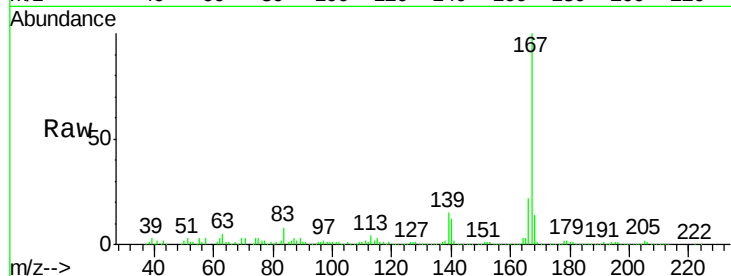
Tot Ion:167 Resp: 313112

Ion Ratio Lower Upper

167 100

166 22.0 17.1 25.7

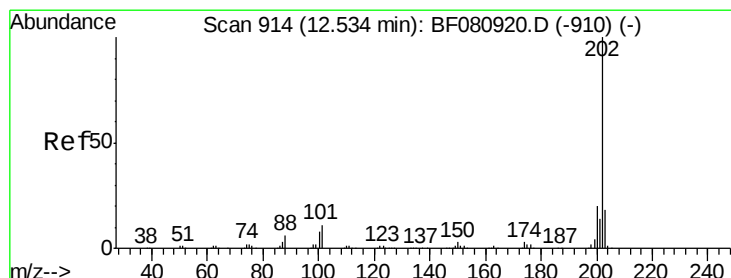
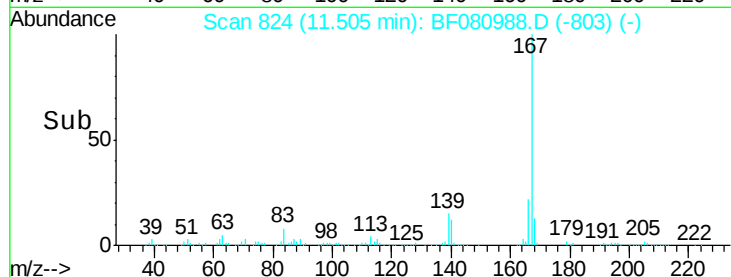
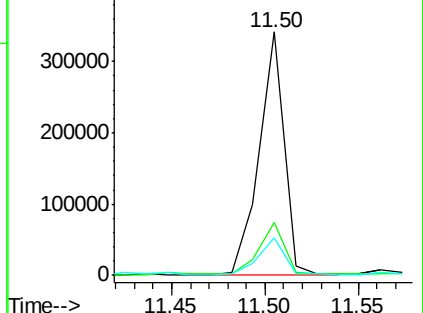
139 15.2 9.2 13.8#



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: 368.81 ng

RT: 12.52 min Scan# 913

Delta R.T. -0.01 min

Lab File: BF080988.D

Acq: 13 Aug 2015 19:06

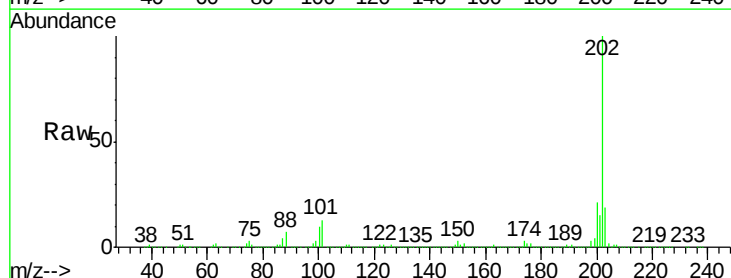
Tgt Ion:202 Resp: 2591712

Ion Ratio Lower Upper

202 100

101 13.4 0.0 30.5

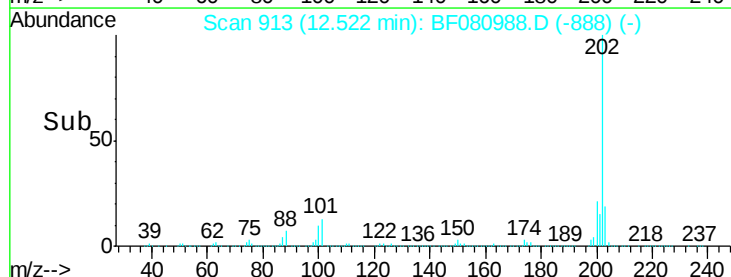
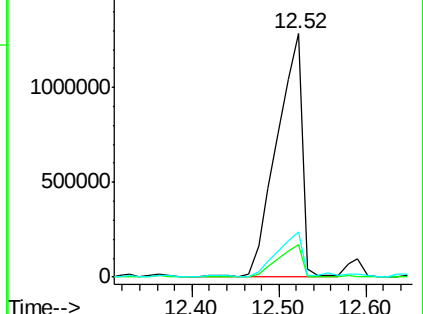
203 18.6 0.0 37.7

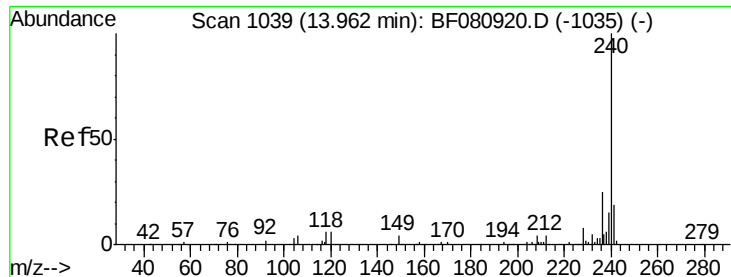


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.93 min Scan# 1036

Delta R.T. -0.03 min

Lab File: BF080988.D

Acq: 13 Aug 2015 19:06

Instrument :

BNA_F

ClientSampleId :

STOCKPILE8-12-15REUSE

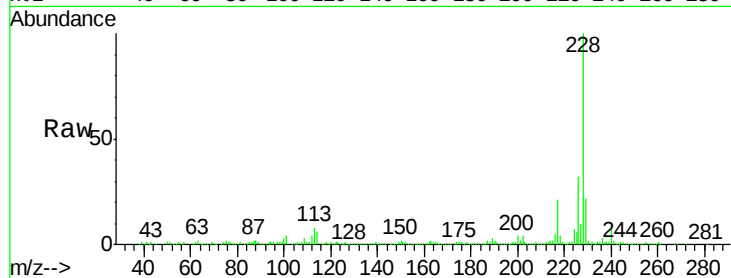
Tot Ion:240 Resp: 46393

Ion Ratio Lower Upper

240 100

120 11.9 5.2 7.8#

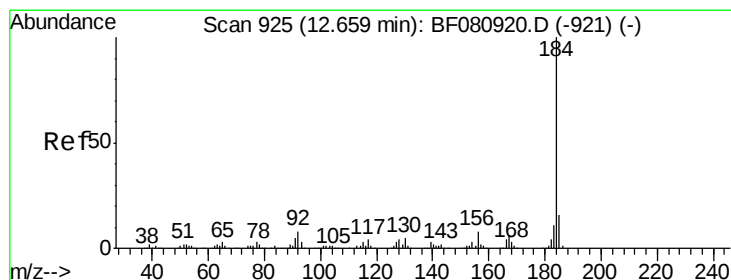
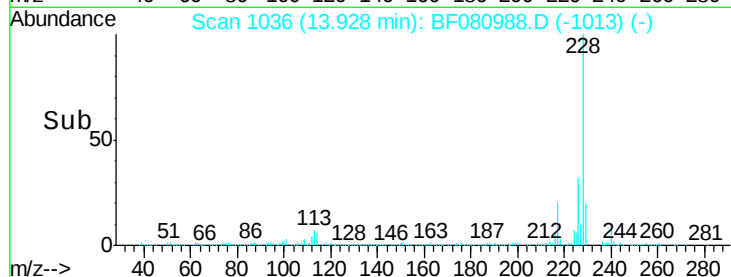
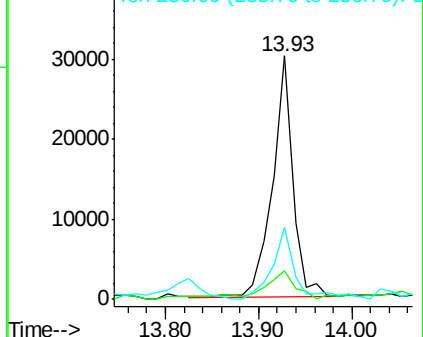
236 29.7 20.2 30.4



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: 2.59 ng

RT: 12.60 min Scan# 920

Delta R.T. -0.06 min

Lab File: BF080988.D

Acq: 13 Aug 2015 19:06

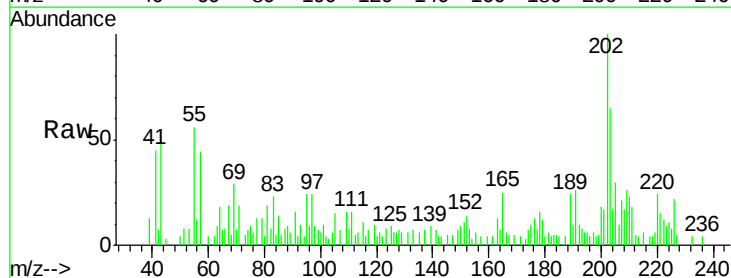
Tgt Ion:184 Resp: 983

Ion Ratio Lower Upper

184 100

185 86.0 13.0 19.4#

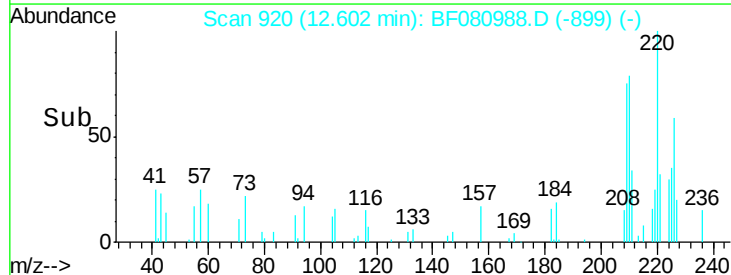
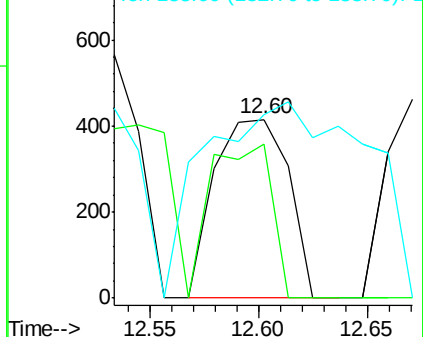
183 102.7 8.7 13.1#

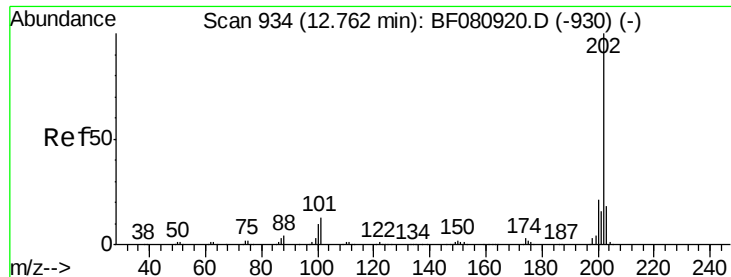


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 33.33 ng

RT: 12.59 min Scan# 919

Delta R.T. -0.17 min

Lab File: BF080988.D

Acq: 13 Aug 2015 19:06

Instrument :

BNA_F

ClientSampleId :

STOCKPILE8-12-15REUSE

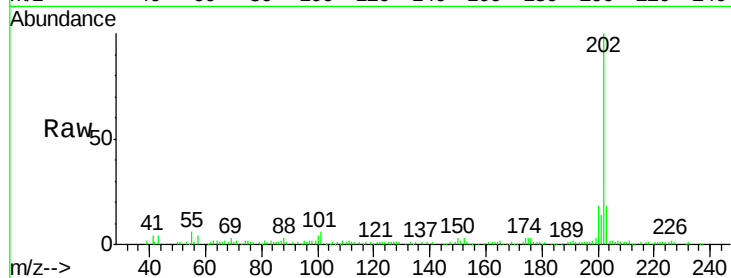
Tot Ion:202 Resp: 114233

Ion Ratio Lower Upper

202 100

200 18.4 16.6 24.8

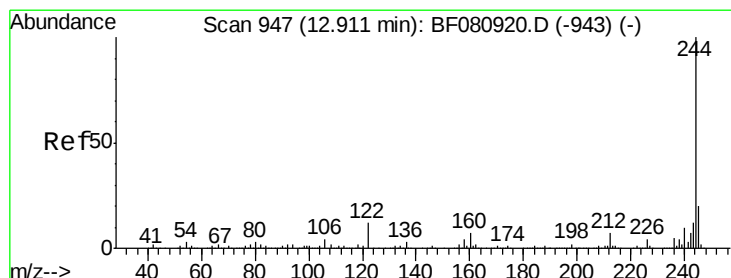
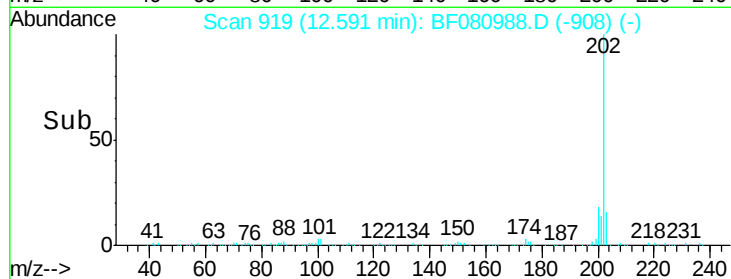
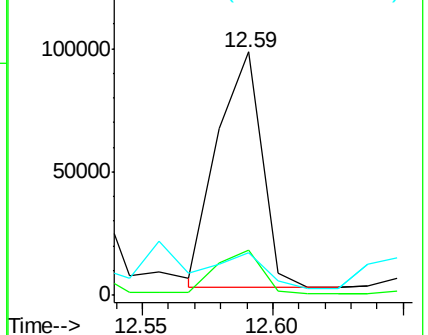
203 17.7 14.2 21.2



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: 56.11 ng

RT: 12.86 min Scan# 943

Delta R.T. -0.05 min

Lab File: BF080988.D

Acq: 13 Aug 2015 19:06

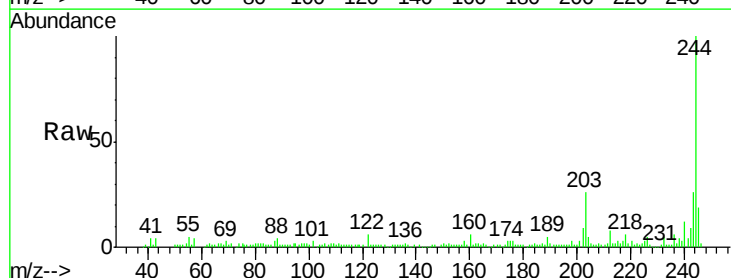
Tgt Ion:244 Resp: 126028

Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.8

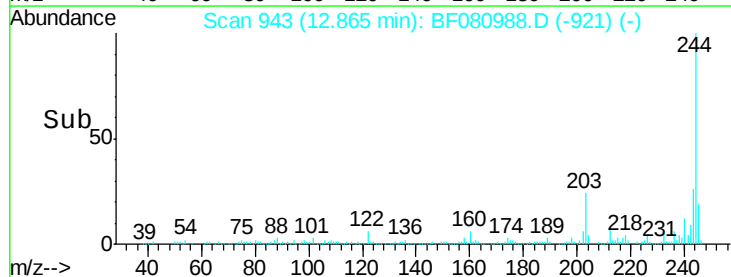
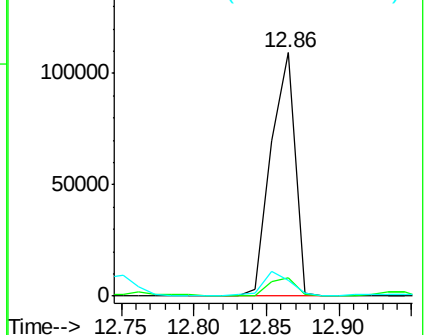
122 6.3 9.4 14.2#

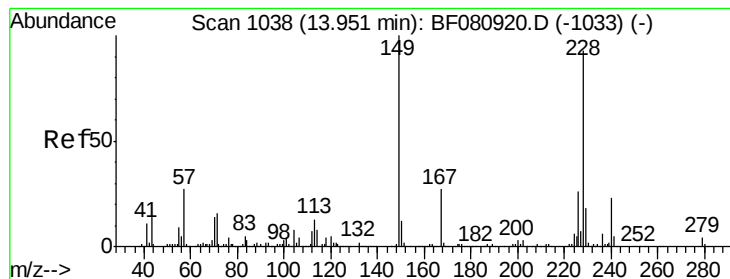


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 401.10 ng

RT: 13.92 min Scan# 1035

Delta R.T. -0.03 min

Lab File: BF080988.D

Acq: 13 Aug 2015 19:06

Instrument :

BNA_F

ClientSampleId :

STOCKPILE8-12-15REUSE

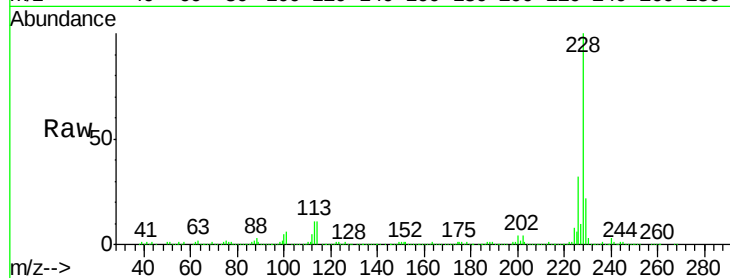
Tot Ion:228 Resp: 1175413

Ion Ratio Lower Upper

228 100

226 32.4 22.2 33.2

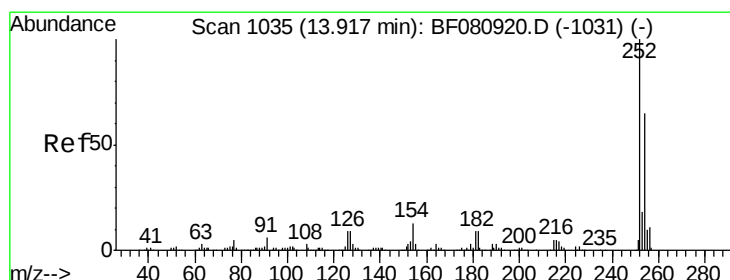
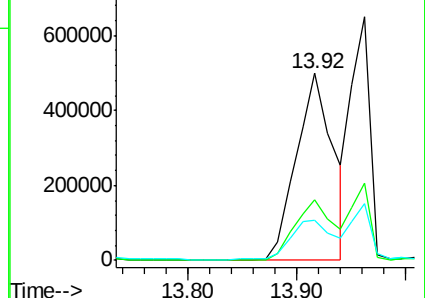
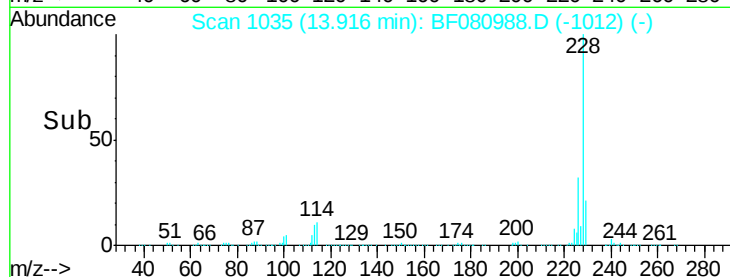
229 21.6 15.8 23.6



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



#81

3,3'-Dichlorobenzidine

Concen: 12.99 ng

RT: 13.96 min Scan# 1039

Delta R.T. 0.05 min

Lab File: BF080988.D

Acq: 13 Aug 2015 19:06

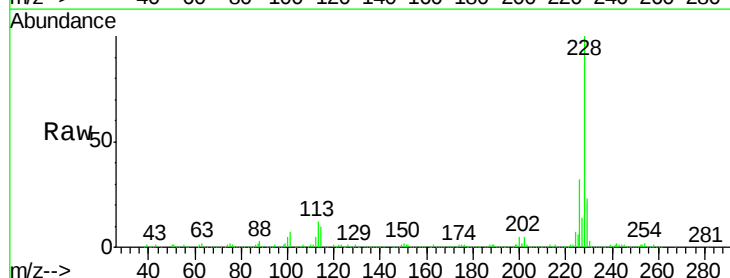
Tgt Ion:252 Resp: 13844

Ion Ratio Lower Upper

252 100

254 167.5 51.7 77.5#

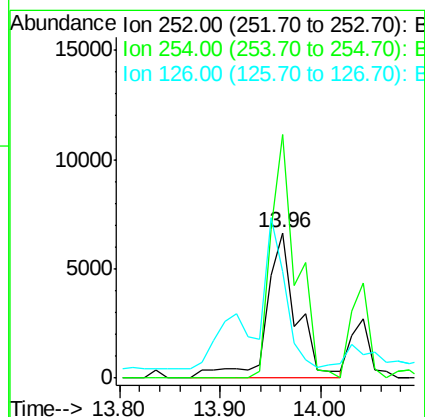
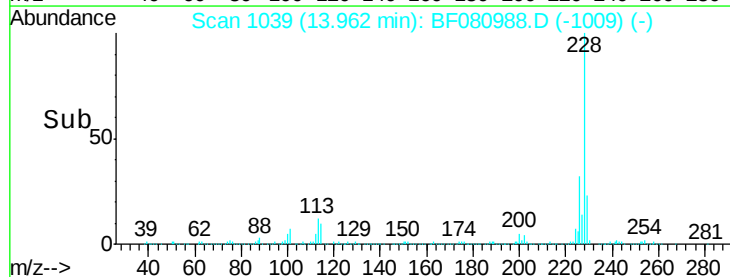
126 73.3 7.1 10.7#

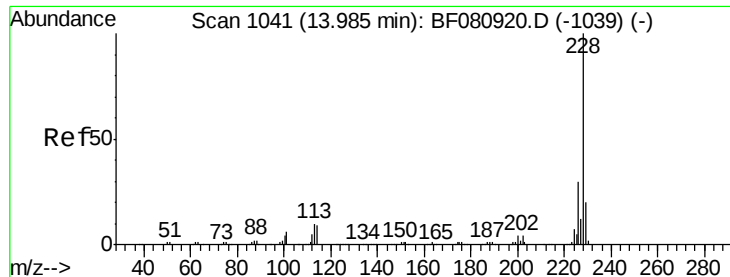


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



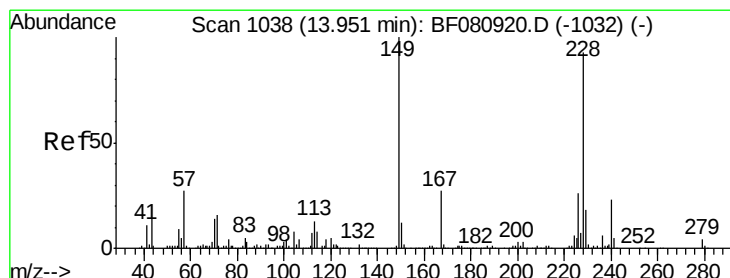
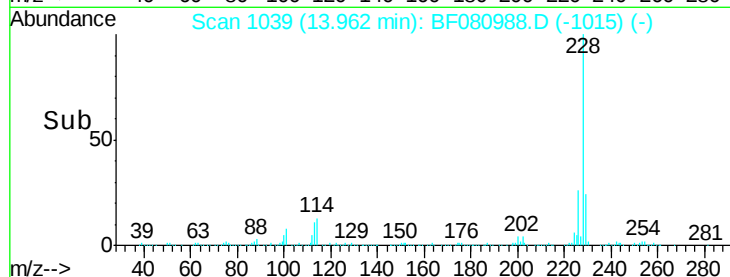
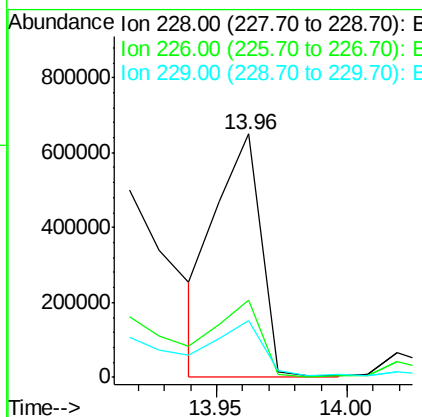
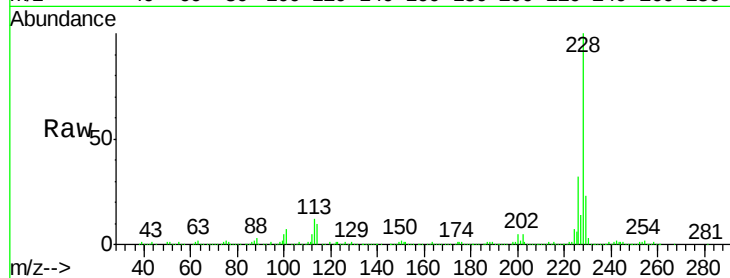


#82
 Chrvsene
 Concen: 276.71 ng
 RT: 13.96 min Scan# 1039
 Delta R.T. -0.02 min
 Lab File: BF080988.D
 Acq: 13 Aug 2015 19:06

Instrument :
 BNA_F
 ClientSampleId :
 STOCKPILE8-12-15REUSE

Tot Ion:228 Resp: 776459

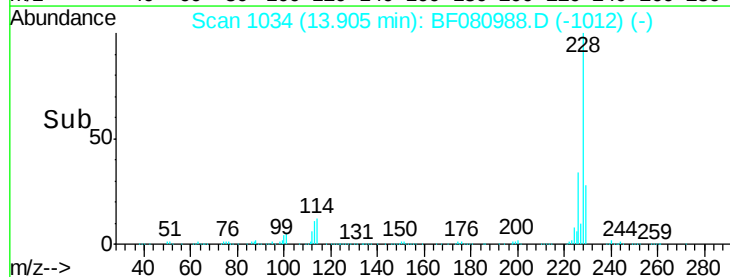
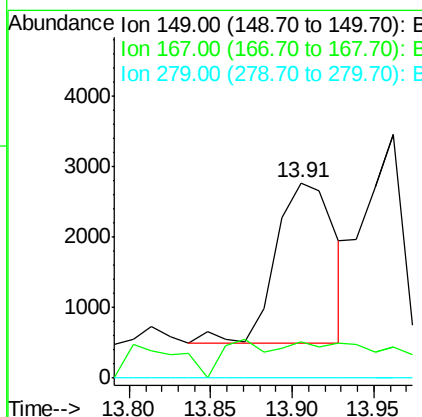
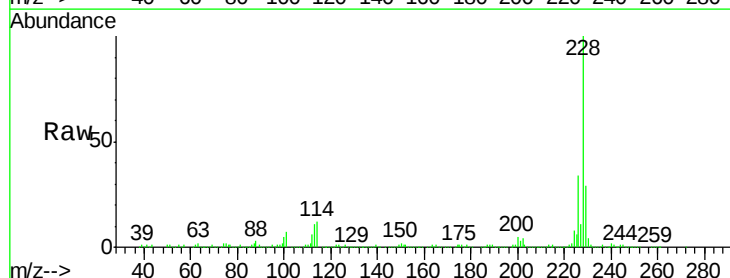
Ion	Ratio	Lower	Upper
228	100		
226	31.7	23.9	35.9
229	23.3	15.8	23.6

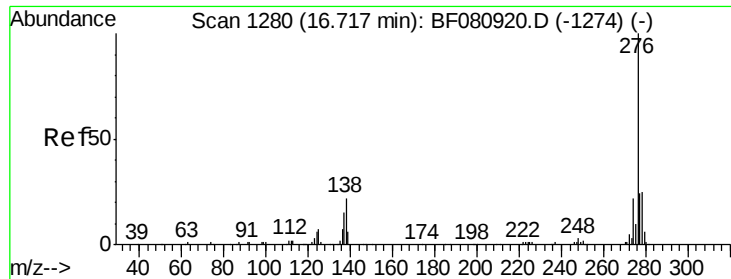


#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.52 ng
 RT: 13.91 min Scan# 1034
 Delta R.T. -0.05 min
 Lab File: BF080988.D
 Acq: 13 Aug 2015 19:06

Tgt Ion:149 Resp: 5784

Ion	Ratio	Lower	Upper
149	100		
167	18.4	21.4	32.0#
279	0.0	2.9	4.3#

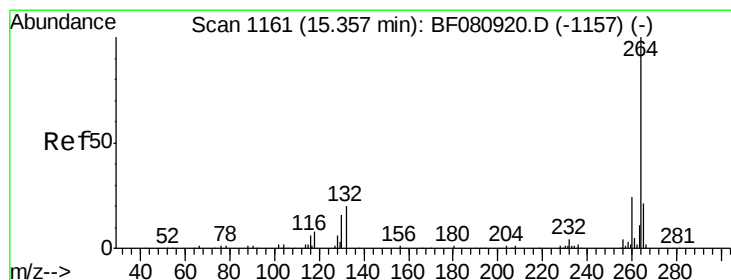
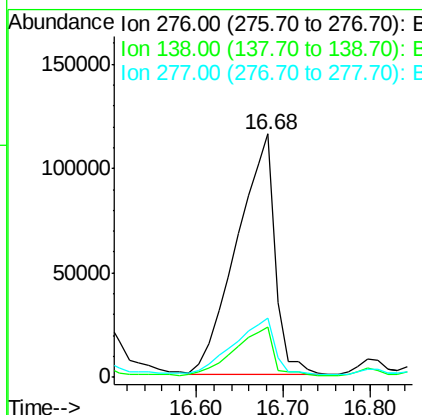
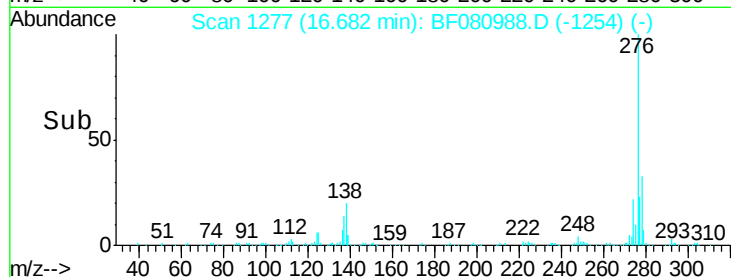
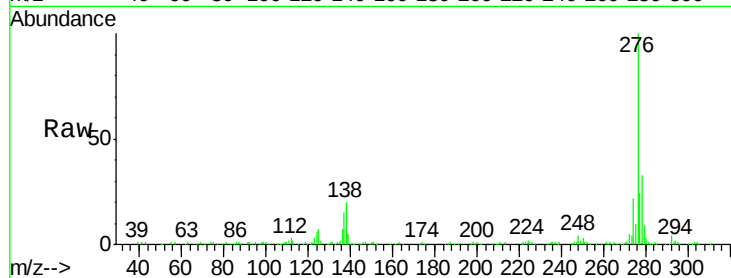




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 133.63 ng
 RT: 16.68 min Scan# 1277
 Delta R.T. -0.03 min
 Lab File: BF080988.D
 Acq: 13 Aug 2015 19:06

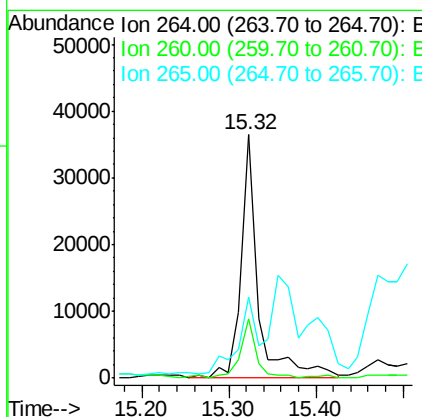
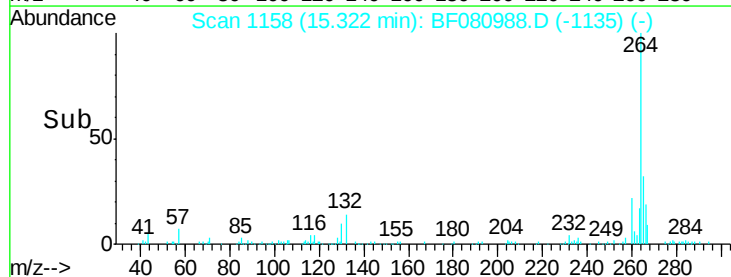
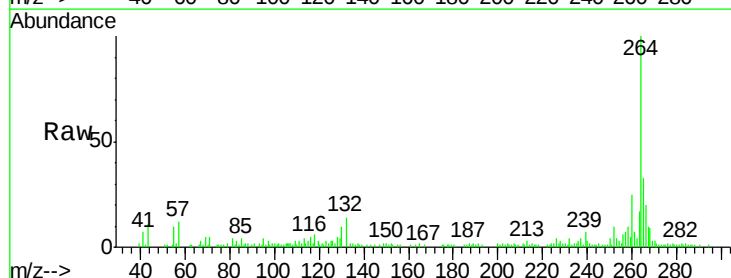
Instrument :
 BNA_F
 ClientSampleId :
 STOCKPILE8-12-15REUSE

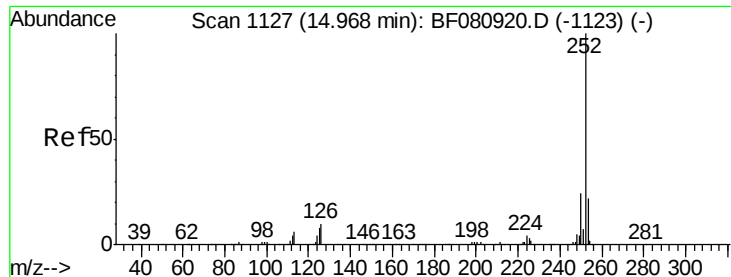
Tot Ion:276	Resp:	356835
Ion	Ratio	Lower Upper
276	100	
138	20.9	19.9 29.9
277	25.8	19.7 29.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.32 min Scan# 1158
 Delta R.T. -0.03 min
 Lab File: BF080988.D
 Acq: 13 Aug 2015 19:06

Tgt Ion:264	Resp:	50227
Ion	Ratio	Lower Upper
264	100	
260	24.6	19.4 29.0
265	33.2	17.0 25.4#





#87

Benzo(b)fluoranthene

Concen: 375.13 ng

RT: 14.95 min Scan# 1125

Delta R.T. -0.02 min

Lab File: BF080988.D

Acq: 13 Aug 2015 19:06

Instrument :

BNA_F

ClientSampleId :

STOCKPILE8-12-15REUSE

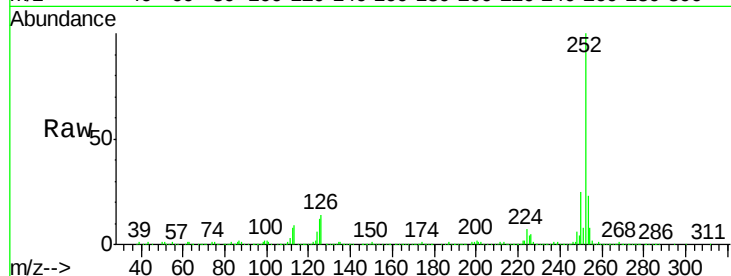
Tot Ion:252 Resp: 1310180

Ion Ratio Lower Upper

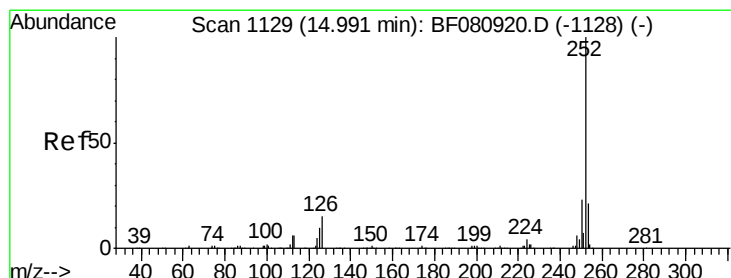
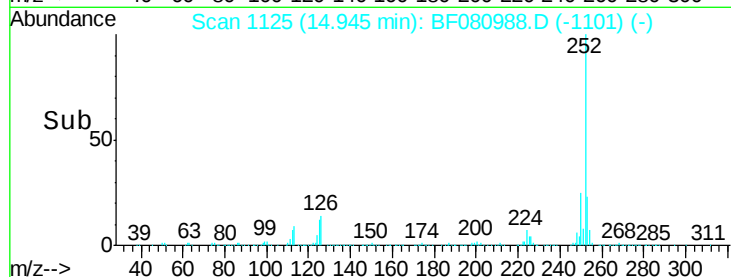
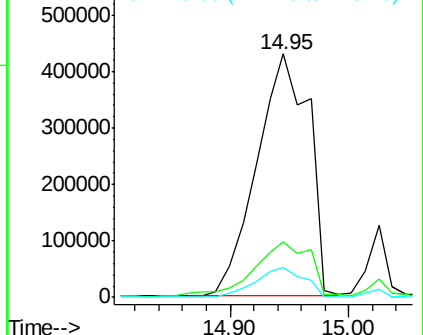
252 100

253 23.0 17.6 26.4

125 12.2 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: 428.81 ng

RT: 14.95 min Scan# 1125

Delta R.T. -0.05 min

Lab File: BF080988.D

Acq: 13 Aug 2015 19:06

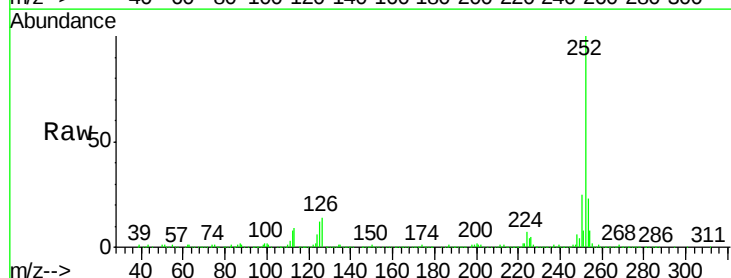
Tgt Ion:252 Resp: 1310180

Ion Ratio Lower Upper

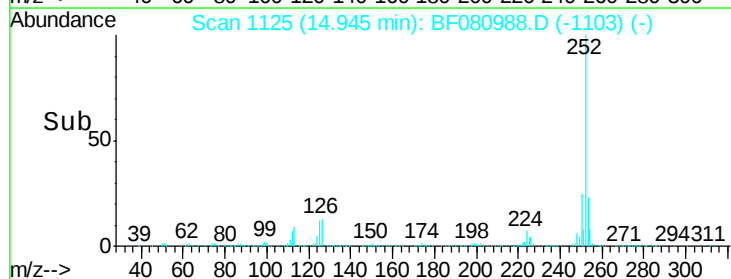
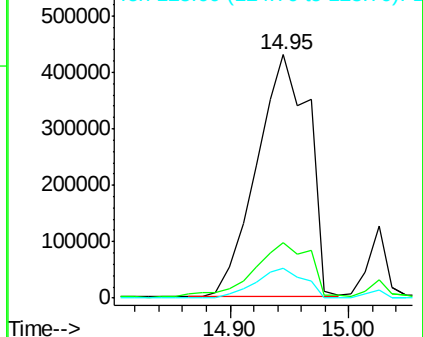
252 100

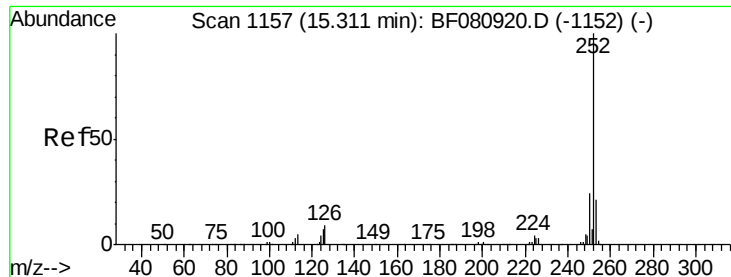
253 23.0 17.4 26.2

125 12.2 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





#89

Benzo(a)pyrene

Concen: 215.00 ng

RT: 15.29 min Scan# 1155

Delta R.T. -0.02 min

Lab File: BF080988.D

Acq: 13 Aug 2015 19:06

Instrument :

BNA_F

ClientSampleId :

STOCKPILE8-12-15REUSE

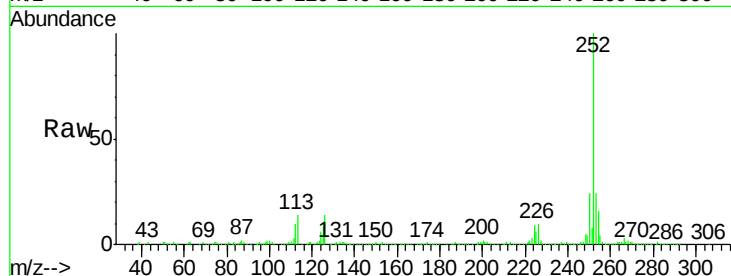
Tot Ion:252 Resp: 645392

Ion Ratio Lower Upper

252 100

253 24.2 16.9 25.3

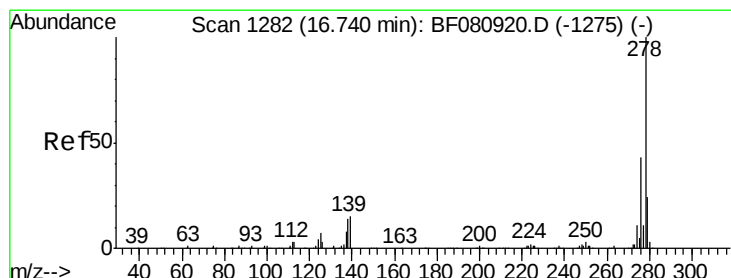
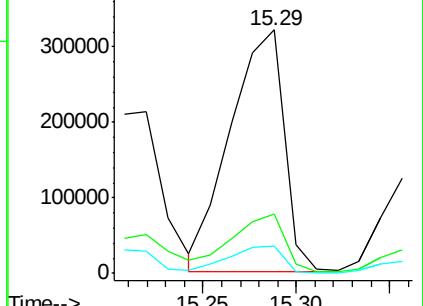
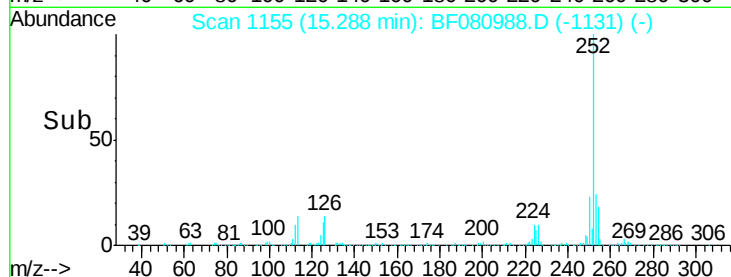
125 11.3 5.8 8.8#



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



#90

Dibenzo(a,h)anthracene

Concen: 25.52 ng

RT: 16.80 min Scan# 1287

Delta R.T. 0.06 min

Lab File: BF080988.D

Acq: 13 Aug 2015 19:06

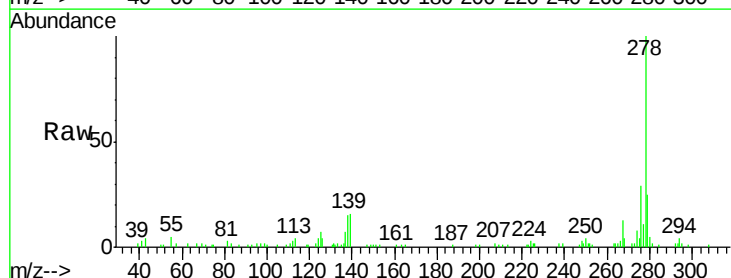
Tgt Ion:278 Resp: 67761

Ion Ratio Lower Upper

278 100

139 16.0 11.9 17.9

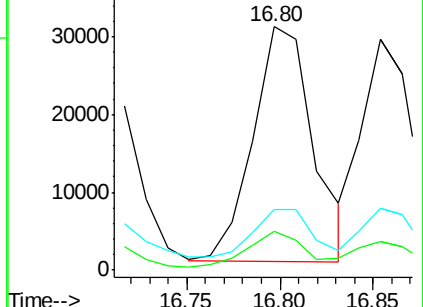
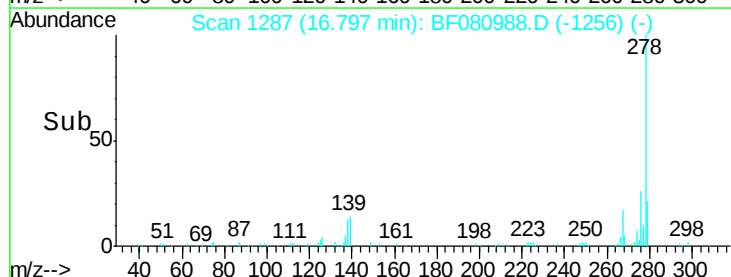
279 25.0 19.0 28.6

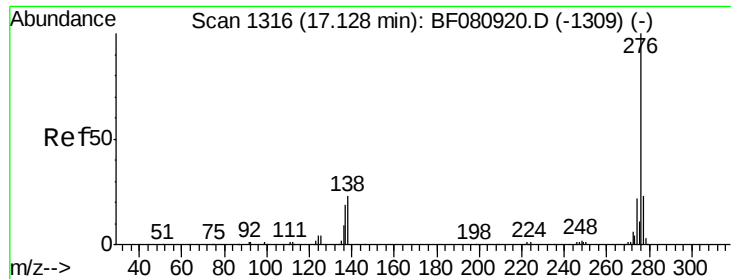


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

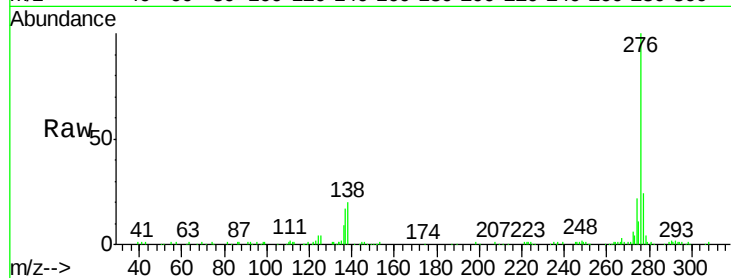




#91
 Benzo(a,h,i)perylene
 Concen: 124.24 ng
 RT: 17.08 min Scan# 1312
 Delta R.T. -0.05 min
 Lab File: BF080988.D
 Acq: 13 Aug 2015 19:06

Instrument :
 BNA_F
 ClientSampleId :
 STOCKPILE8-12-15REUSE

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.3	18.6	28.0
138	19.9	18.4	27.6



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

