

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122015\
 Data File : BF083987.D
 Acq On : 20 Dec 2015 8:40
 Operator : UM/SJ
 Sample : G4912-03
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 STOCKPILE-2(0-2)

Quant Time: Dec 21 01:06:21 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 18 14:23:22 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	89093	20.00	ng	-0.02
21) Naphthalene-d8	8.13	136	356975	20.00	ng	-0.02
38) Acenaphthene-d10	9.88	164	153947	20.00	ng	-0.03
63) Phenanthrene-d10	11.37	188	263517	20.00	ng	-0.02
75) Chrysene-d12	14.01	240	169370	20.00	ng	-0.02
86) Perylene-d12	15.45	264	172421	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	797416	140.07	ng	0.00
7) Phenol-d6	6.50	99	1002376	143.85	ng	-0.01
23) Nitrobenzene-d5	7.41	82	561274	89.73	ng	-0.02
41) 2,4,6-Tribromophenol	10.68	330	263104	155.13	ng	-0.02
44) 2-Fluorobiphenyl	9.21	172	961827	88.26	ng	-0.03
78) Terphenyl-d14	12.96	244	785522	110.30	ng	-0.02

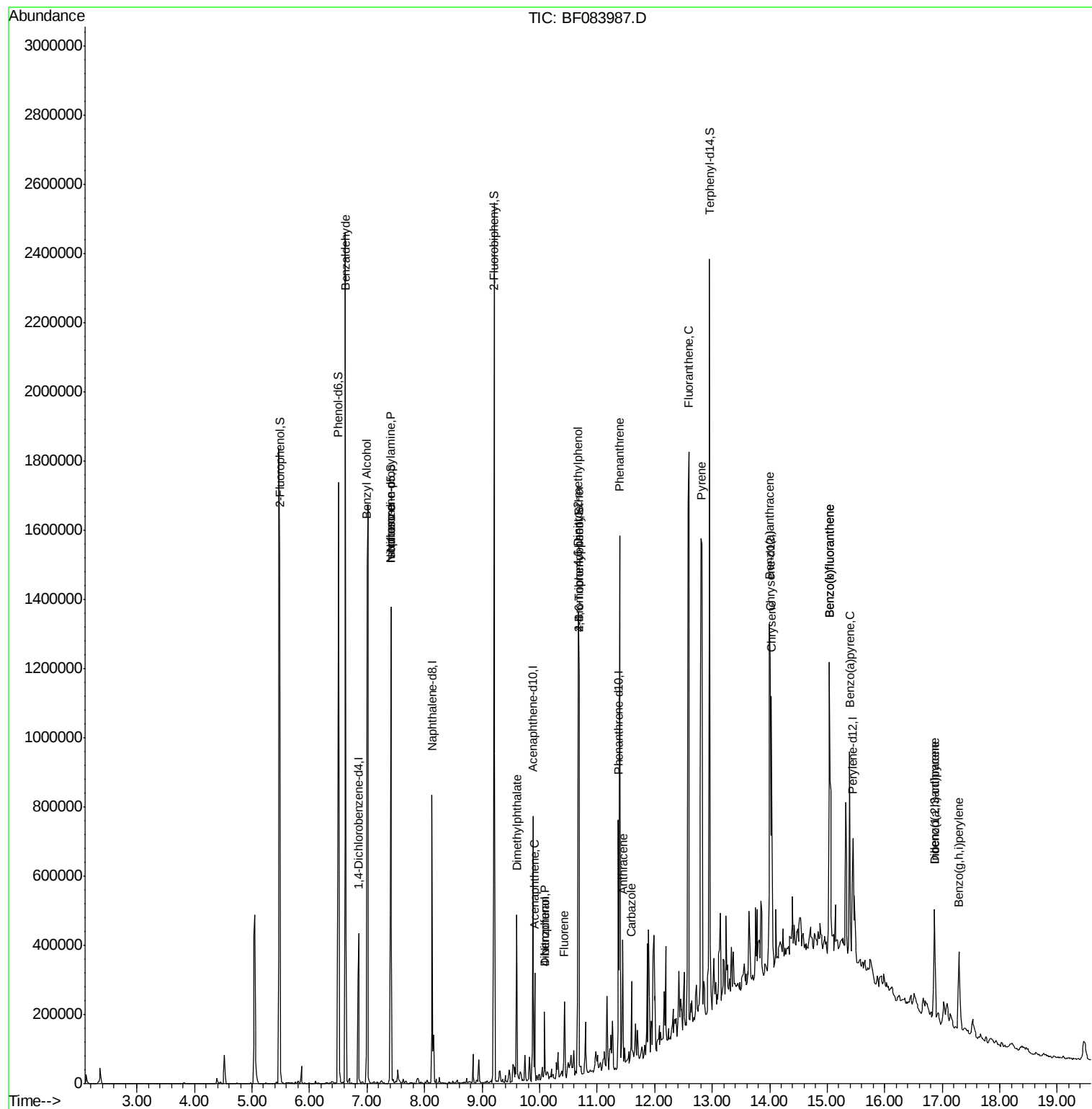
Target Compounds						Qvalue
9) Benzaldehyde	6.62	77	16307	3.88	ng	89
15) Benzyl Alcohol	7.00	79	11158	2.12	ng	# 47
19) n-Nitroso-di-n-propylamine	7.41	70	77460	19.07	ng	# 77
25) Isophorone	7.41	82	438908	37.30	ng	# 66
36) 4-Chloro-3-methylphenol	8.59	107	226	Below	Cal	# 20
45) 1,1'-Biphenyl	9.31	154	10954	Below	Cal	97
46) 2-Chloronaphthalene	9.42	162	554	Below	Cal	# 33
49) Dimethylphthalate	9.61	163	288271	22.32	ng	# 91
51) Acenaphthene	9.92	154	62544	5.67	ng	99
54) Dibenzofuran	10.09	168	61097	4.26	ng	96
55) 4-Nitrophenol	10.09	139	25773	13.90	ng	# 12
57) Fluorene	10.43	166	58103	2.49	ng	99
64) 4,6-Dinitro-2-methylphenol	10.67	198	376	4.14	ng	# 1
66) 4-Bromophenyl-phenylether	10.68	248	16762	5.20	ng	# 1
70) Phenanthrene	11.39	178	774559	48.65	ng	98
71) Anthracene	11.45	178	195646	12.71	ng	98
72) Carbazole	11.60	167	83125	5.47	ng	98
74) Fluoranthene	12.59	202	1003923	63.19	ng	95
77) Pyrene	12.82	202	922787	76.20	ng	99
80) Benzo(a)anthracene	14.00	228	458208	44.00	ng	98
82) Chrysene	14.03	228	320013	31.81	ng	98
85) Indeno(1,2,3-cd)pyrene	16.87	276	208352	27.70	ng	96
87) Benzo(b)fluoranthene	15.04	252	626640	49.85	ng	# 95
88) Benzo(k)fluoranthene	15.04	252	626640	60.43	ng	99
89) Benzo(a)pyrene	15.39	252	317179	30.56	ng	# 96
90) Dibenzo(a,h)anthracene	16.87	278	58650	7.26	ng	# 75
91) Benzo(g,h,i)perylene	17.29	276	187211	23.65	ng	96

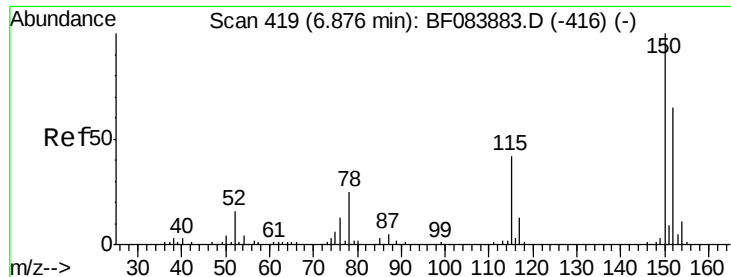
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 417

Delta R.T. -0.02 min

Lab File: BF083987.D

Acq: 20 Dec 2015 8:40

Instrument :

BNA_F

ClientSampleId :

STOCKPILE-2(0-2)

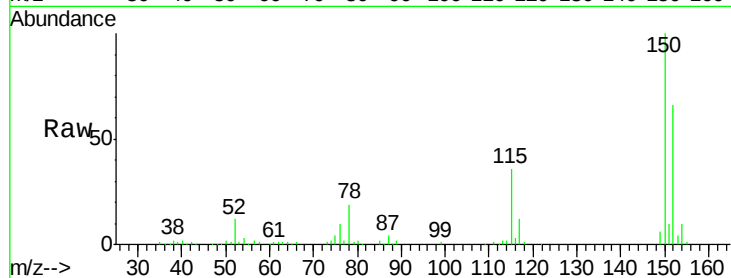
Tgt Ion:152 Resp: 89093

Ion Ratio Lower Upper

152 100

150 152.6 123.0 184.4

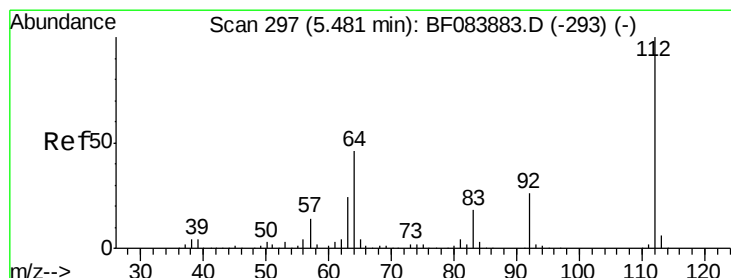
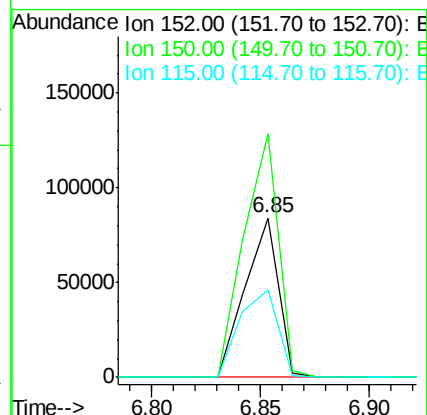
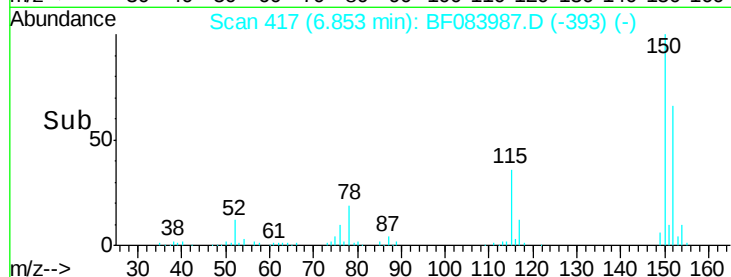
115 54.5 51.4 77.2



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: 140.07 ng

RT: 5.48 min Scan# 297

Delta R.T. 0.00 min

Lab File: BF083987.D

Acq: 20 Dec 2015 8:40

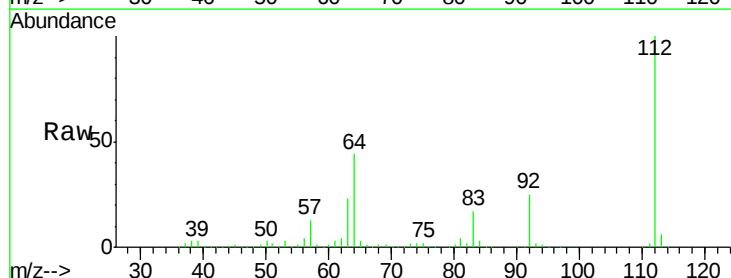
Tgt Ion:112 Resp: 797416

Ion Ratio Lower Upper

112 100

64 43.7 36.6 55.0

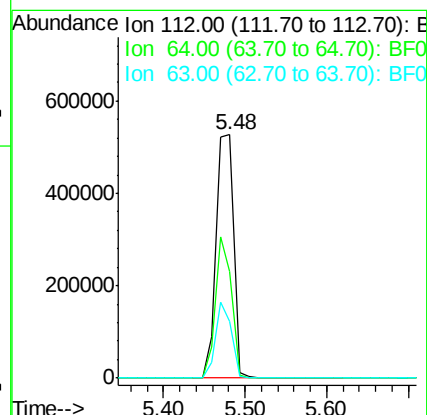
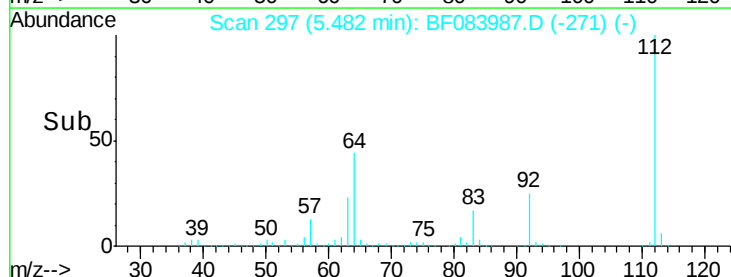
63 23.2 19.4 29.0

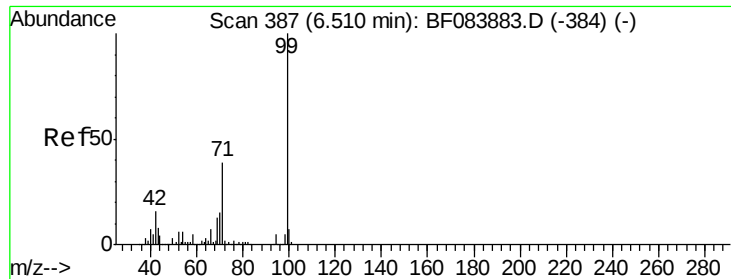


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 143.85 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF083987.D

Acq: 20 Dec 2015 8:40

Instrument :

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ClientSampleId :

STOCKPILE-2(0-2)

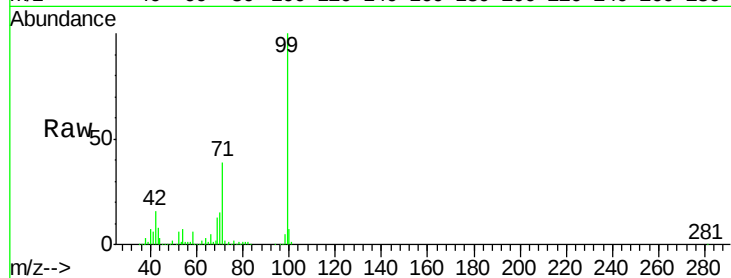
Tgt Ion: 99 Resp: 1002376

Ion Ratio Lower Upper

99 100

42 16.5 12.8 19.2

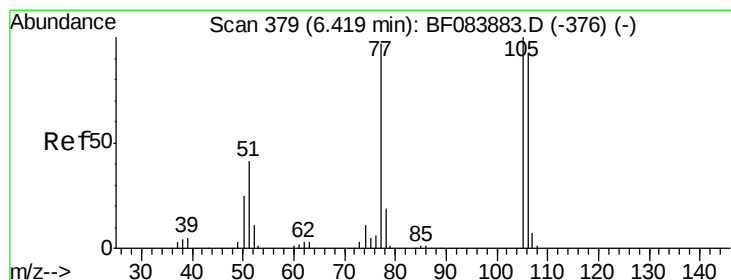
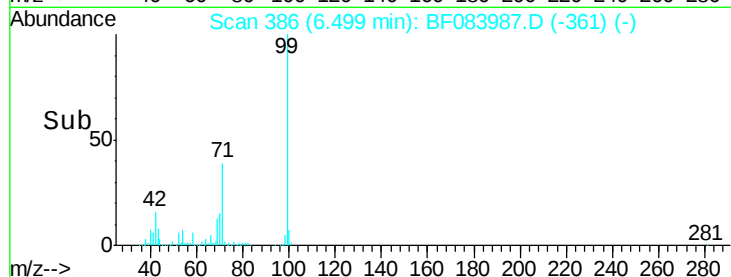
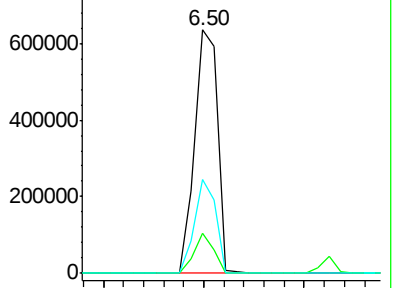
71 38.8 30.9 46.3



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: 3.88 ng

RT: 6.62 min Scan# 397

Delta R.T. 0.21 min

Lab File: BF083987.D

Acq: 20 Dec 2015 8:40

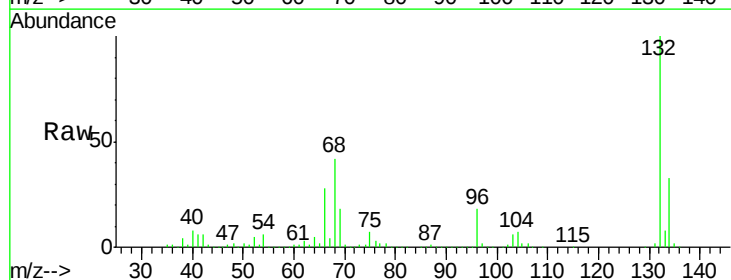
Tgt Ion: 77 Resp: 16307

Ion Ratio Lower Upper

77 100

105 87.1 83.0 123.0

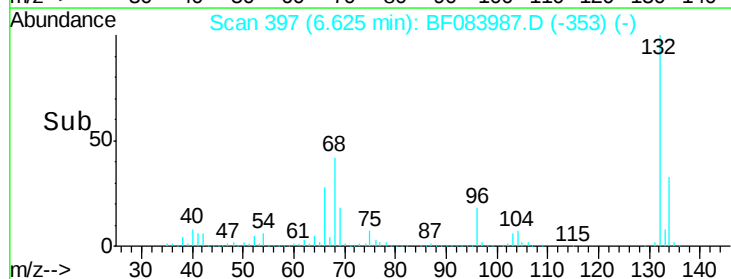
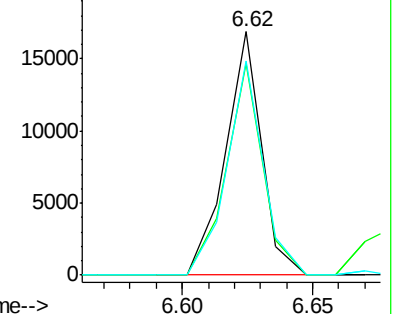
106 87.9 74.6 114.6

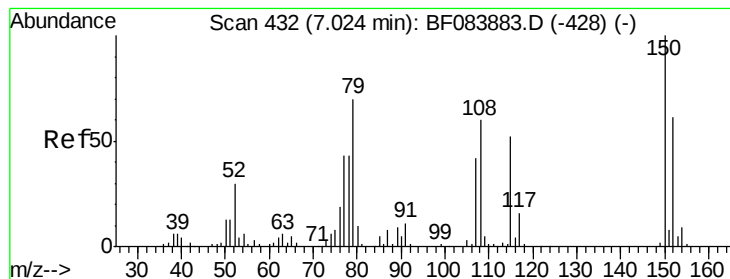


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B





#15

Benzyl Alcohol

Concen: 2.12 ng

RT: 7.00 min Scan# 430

Delta R.T. -0.02 min

Lab File: BF083987.D

Acq: 20 Dec 2015 8:40

Instrument :

BNA_F

ClientSampleId :

STOCKPILE-2(0-2)

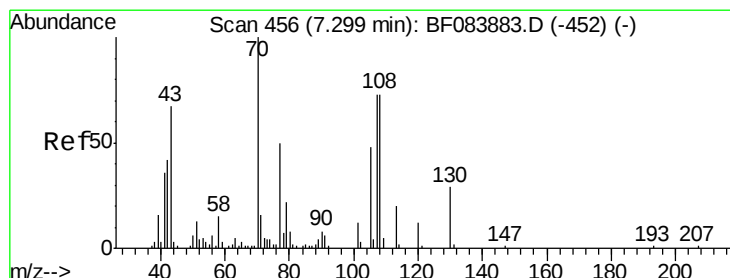
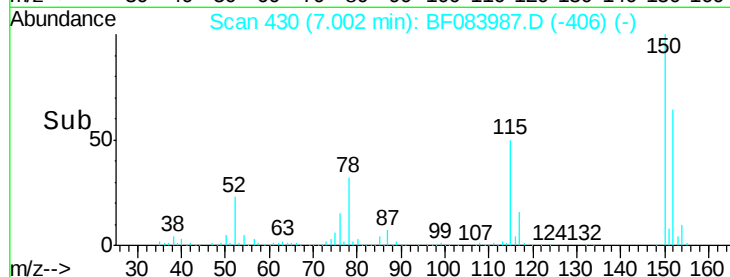
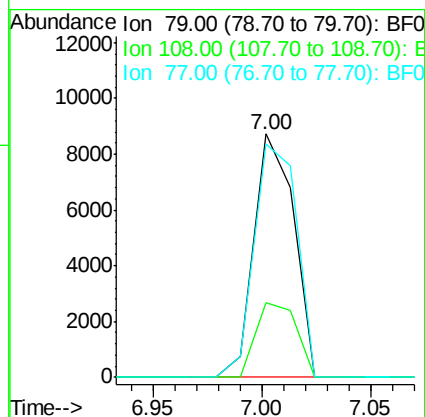
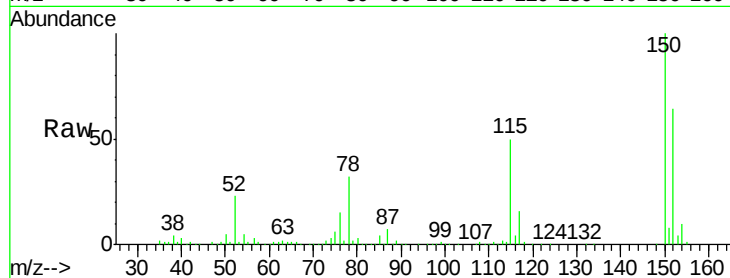
Tgt Ion: 79 Resp: 11158

Ion Ratio Lower Upper

79 100

108 30.6 69.0 103.4#

77 95.8 50.0 75.0#



#19

n-Nitroso-di-n-propylamine

Concen: 19.07 ng

RT: 7.41 min Scan# 466

Delta R.T. 0.11 min

Lab File: BF083987.D

Acq: 20 Dec 2015 8:40

Tgt Ion: 70 Resp: 77460

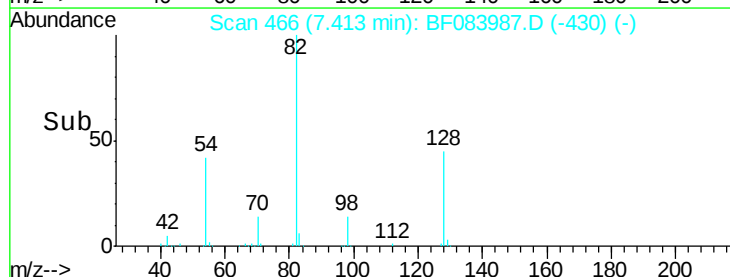
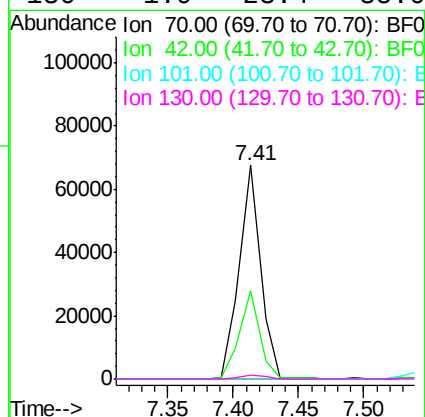
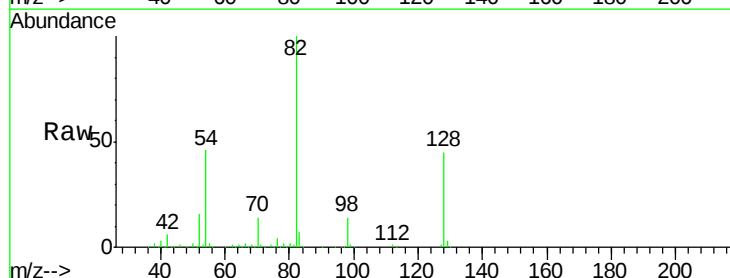
Ion Ratio Lower Upper

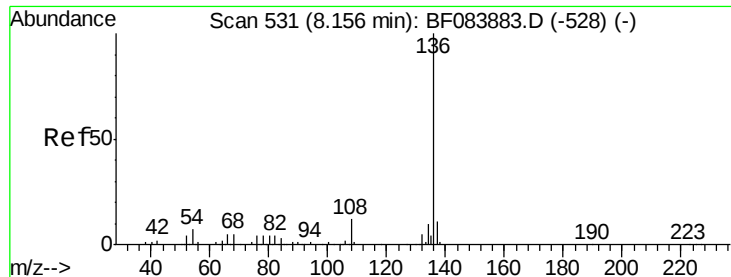
70 100

42 41.3 33.3 49.9

101 0.0 9.3 13.9#

130 1.9 23.4 35.0#

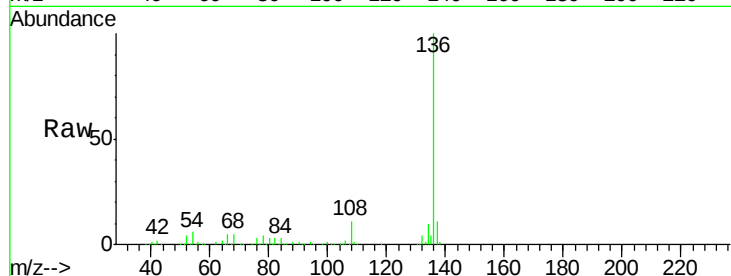




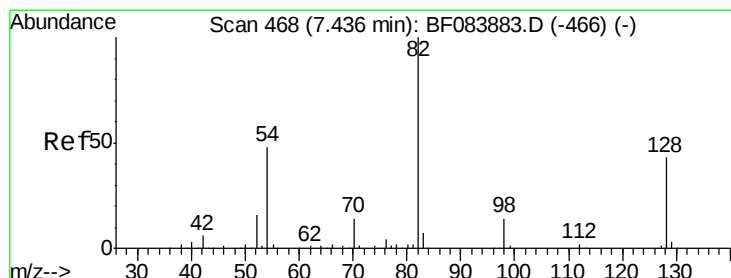
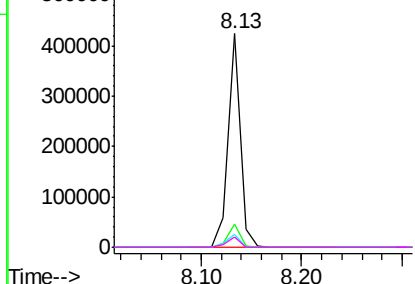
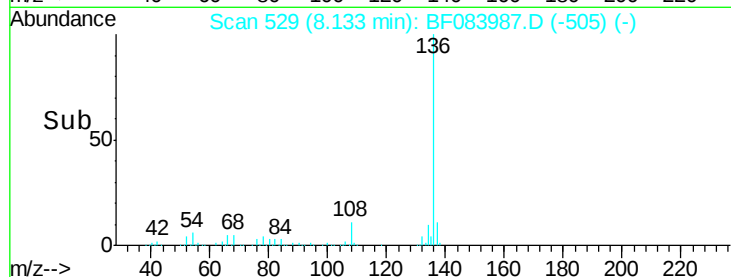
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.02 min
Lab File: BF083987.D
Acq: 20 Dec 2015 8:40

Instrument :
BNA_F
ClientSampleId :
STOCKPILE-2(0-2)

Tgt Ion:	136	Resp:	356975
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	6.1	5.8	8.8
68	4.9	4.2	6.2

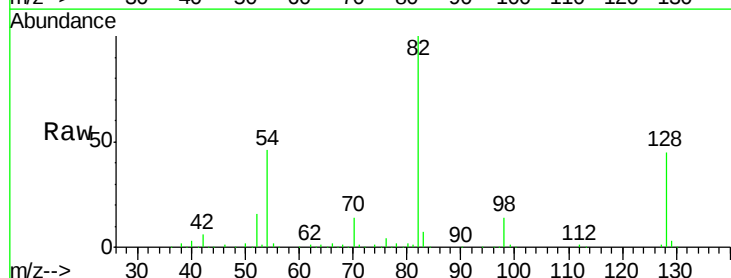


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

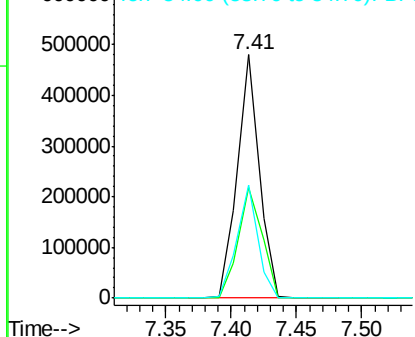
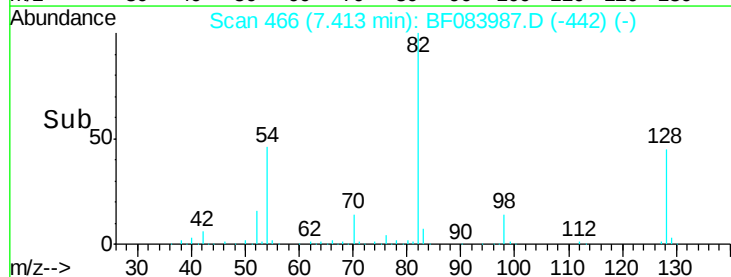


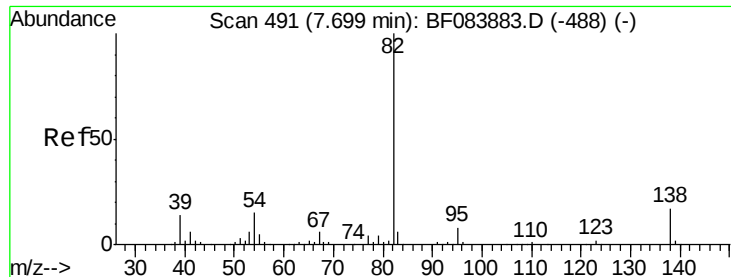
#23
Nitrobenzene-d5
Concen: 89.73 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.02 min
Lab File: BF083987.D
Acq: 20 Dec 2015 8:40

Tgt Ion:	82	Resp:	561274
Ion	Ratio	Lower	Upper
82	100		
128	45.4	34.6	51.8
54	46.3	38.4	57.6



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: 37.30 ng

RT: 7.41 min Scan# 466

Delta R.T. -0.29 min

Lab File: BF083987.D

Acq: 20 Dec 2015 8:40

Instrument :

BNA_F

ClientSampleId :

STOCKPILE-2(0-2)

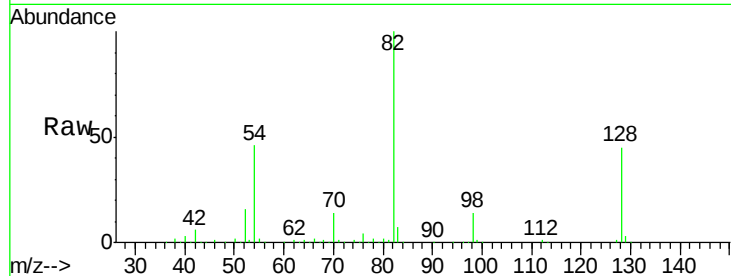
Tgt Ion: 82 Resp: 438908

Ion Ratio Lower Upper

82 100

95 0.0 6.6 10.0#

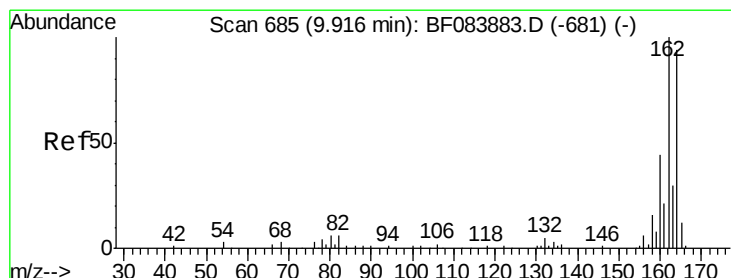
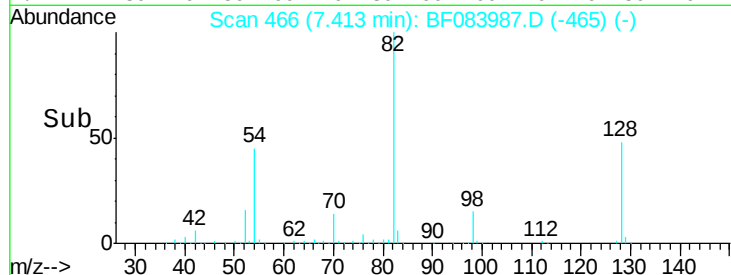
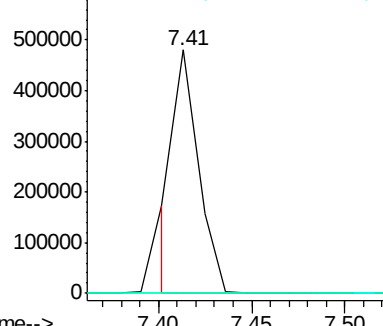
138 0.0 13.6 20.4#



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.03 min

Lab File: BF083987.D

Acq: 20 Dec 2015 8:40

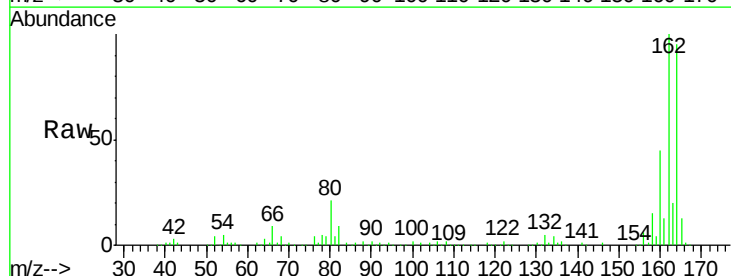
Tgt Ion: 164 Resp: 153947

Ion Ratio Lower Upper

164 100

162 105.4 85.1 127.7

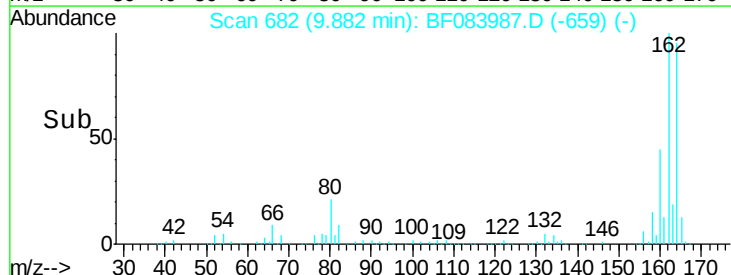
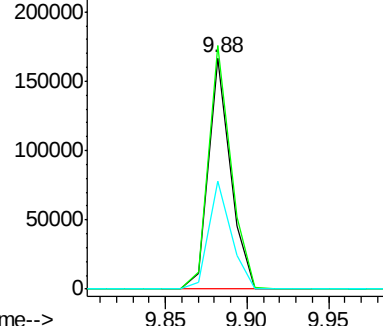
160 46.9 37.5 56.3

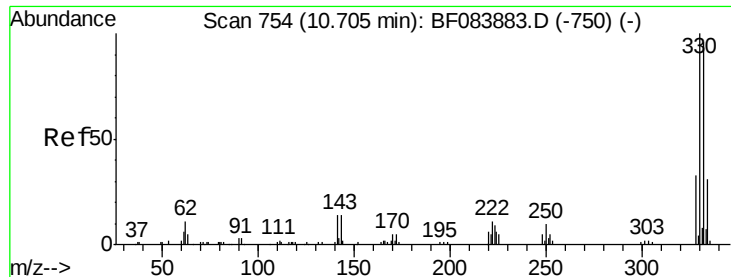


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

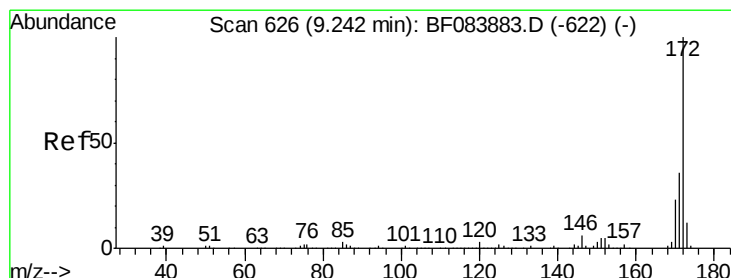
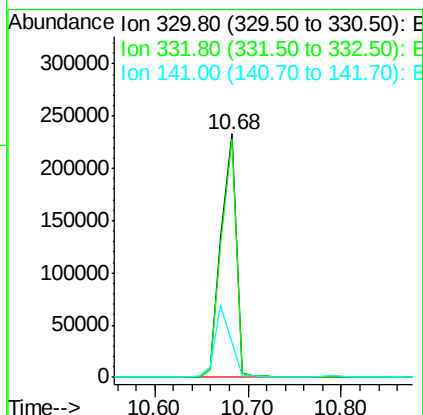
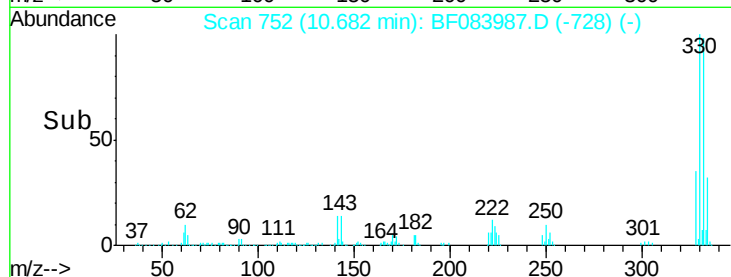
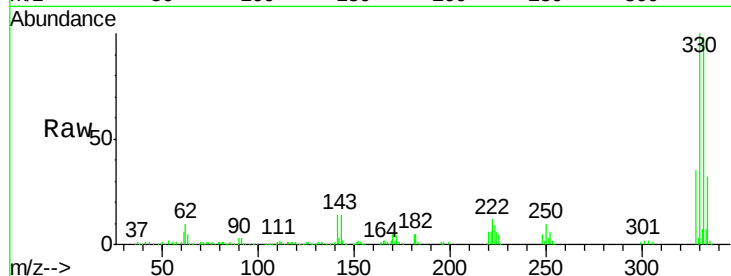




#41
 2,4,6-Tribromophenol
 Concen: 155.13 ng
 RT: 10.68 min Scan# 752
 Delta R.T. -0.02 min
 Lab File: BF083987.D
 Acq: 20 Dec 2015 8:40

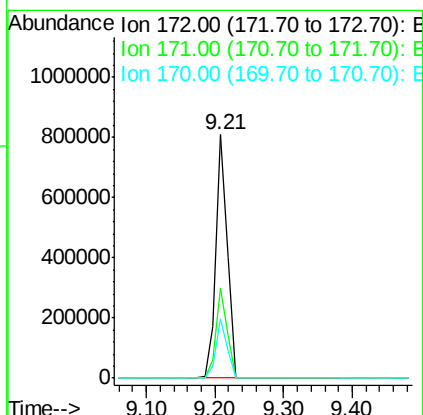
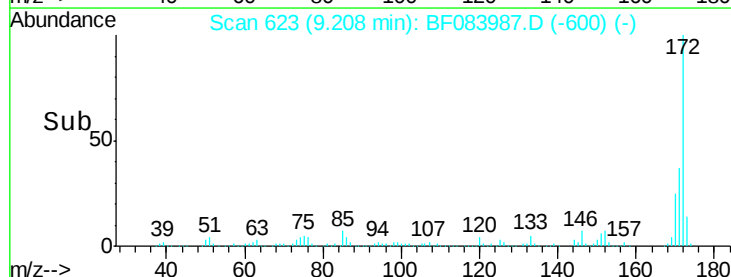
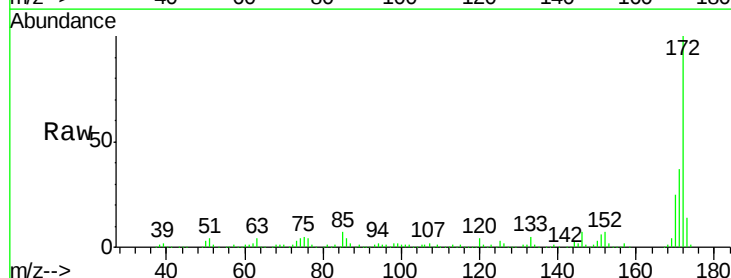
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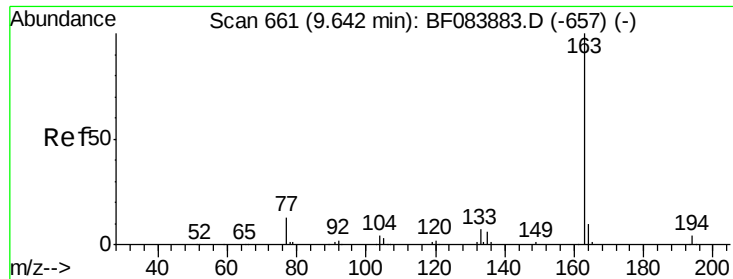
Tgt Ion:330 Resp: 263104
 Ion Ratio Lower Upper
 330 100
 332 97.2 76.6 114.8
 141 30.3 27.8 41.6



#44
 2-Fluorobiphenyl
 Concen: 88.26 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.03 min
 Lab File: BF083987.D
 Acq: 20 Dec 2015 8:40

Tgt Ion:172 Resp: 961827
 Ion Ratio Lower Upper
 172 100
 171 37.1 28.9 43.3
 170 24.5 18.6 27.8





#49

Dimethylphthalate

Concen: 22.32 ng

RT: 9.61 min Scan# 658

Delta R.T. -0.03 min

Lab File: BF083987.D

Acq: 20 Dec 2015 8:40

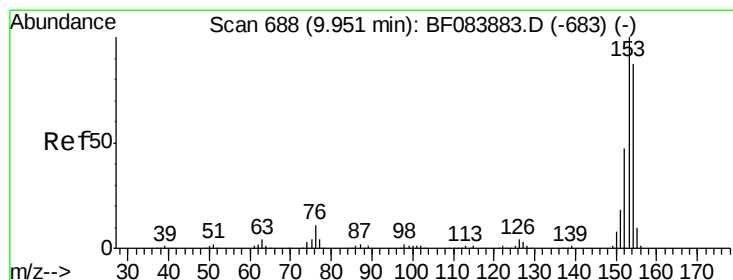
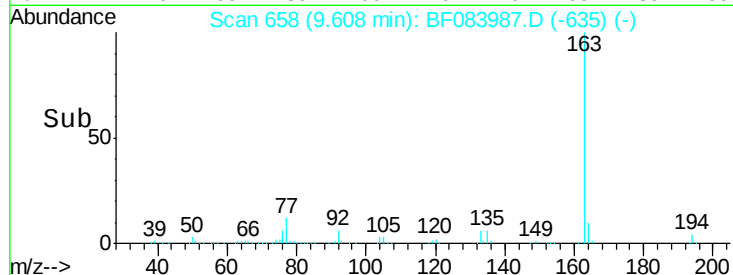
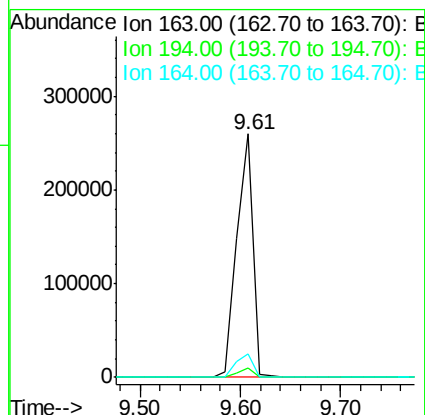
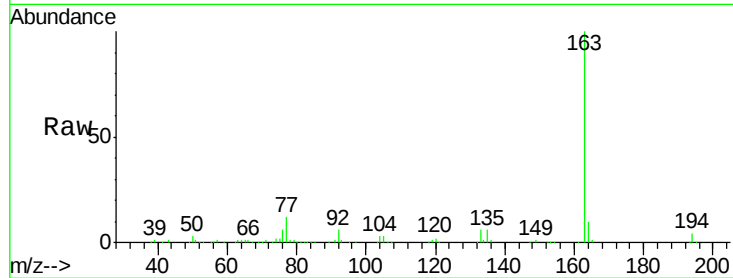
Instrument :

BNA_F

ClientSampleId :

STOCKPILE-2(0-2)

Tgt Ion:	163	Resp:	288271
Ion Ratio	Lower	Upper	
163	100		
194	3.7	8.0	12.0#
164	9.6	8.0	12.0



#51

Acenaphthene

Concen: 5.67 ng

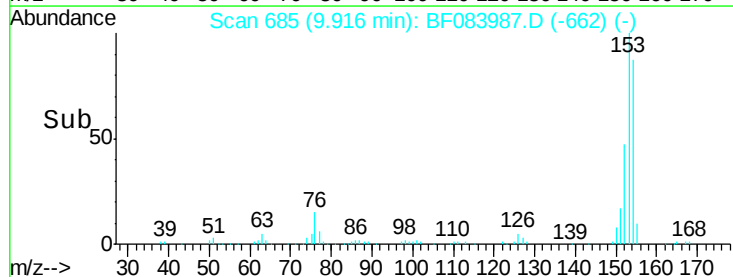
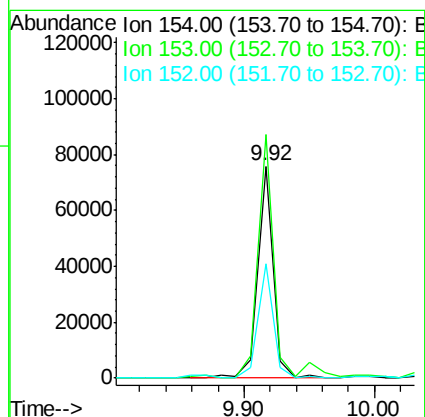
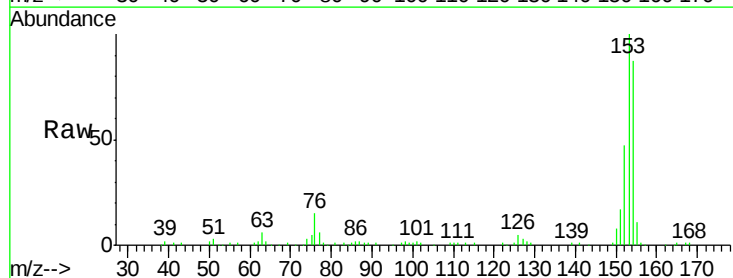
RT: 9.92 min Scan# 685

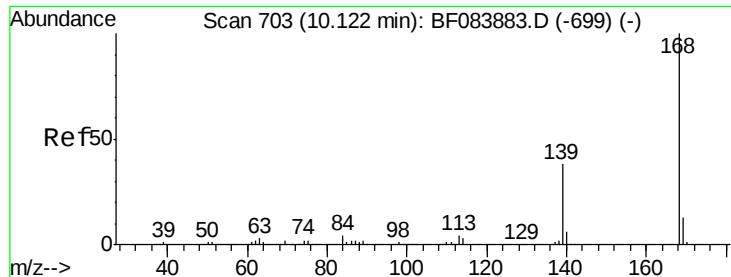
Delta R.T. -0.03 min

Lab File: BF083987.D

Acq: 20 Dec 2015 8:40

Tgt Ion:	154	Resp:	62544
Ion Ratio	Lower	Upper	
154	100		
153	115.0	91.5	137.3
152	54.2	43.0	64.6

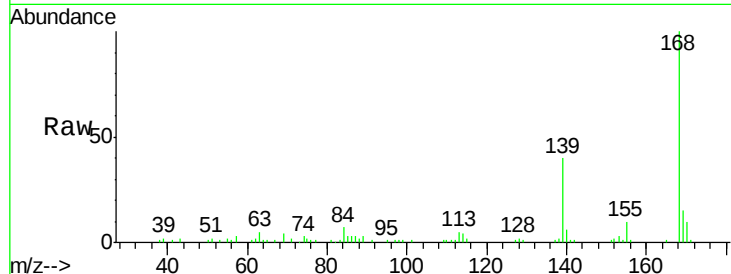




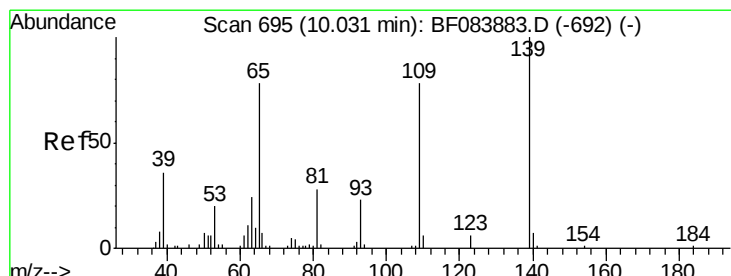
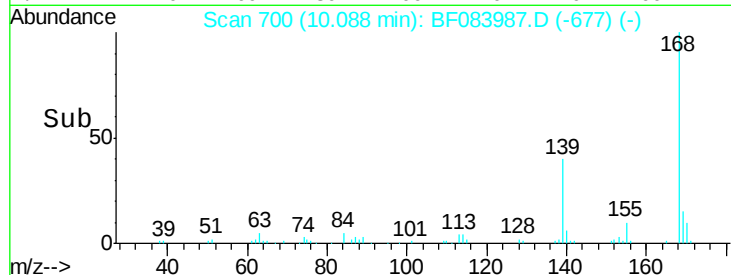
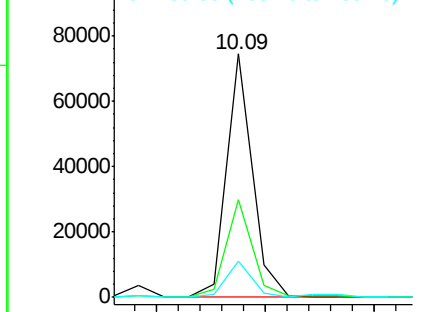
#54
Dibenzenofuran
Concen: 4.26 ng
RT: 10.09 min Scan# 700
Delta R.T. -0.03 min
Lab File: BF083987.D
Acq: 20 Dec 2015 8:40

Instrument :
BNA_F
ClientSampleId :
STOCKPILE-2(0-2)

Tgt Ion:168 Resp: 61097
Ion Ratio Lower Upper
168 100
139 40.1 30.5 45.7
169 15.0 10.4 15.6

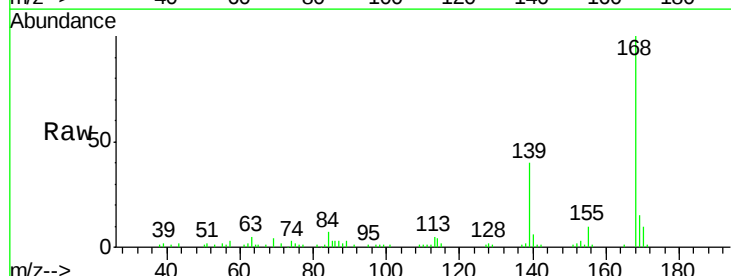


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

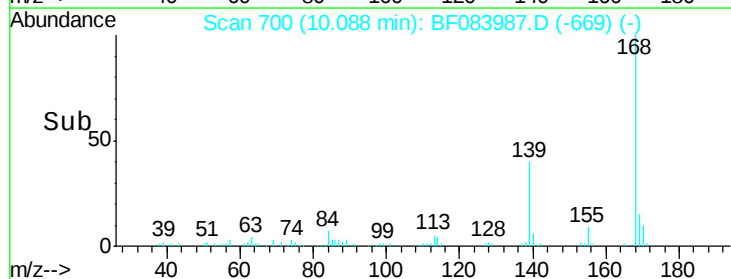
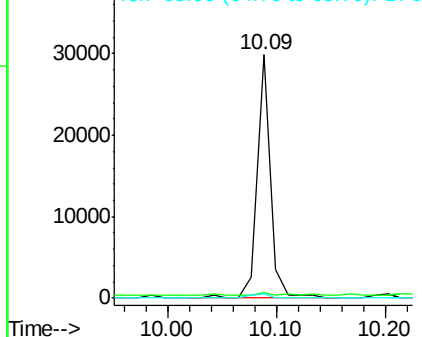


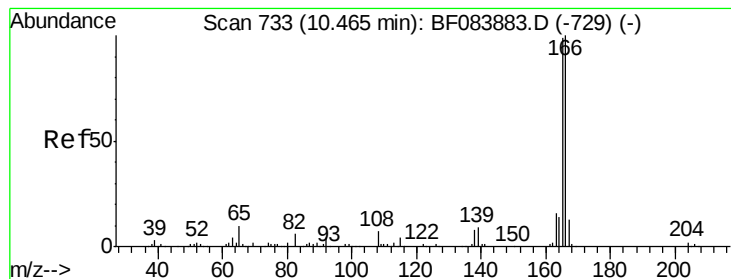
#55
4-Nitrophenol
Concen: 13.90 ng
RT: 10.09 min Scan# 700
Delta R.T. 0.06 min
Lab File: BF083987.D
Acq: 20 Dec 2015 8:40

Tgt Ion:139 Resp: 25773
Ion Ratio Lower Upper
139 100
109 2.0 58.5 98.5#
65 1.6 57.6 97.6#



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0





#57

Fluorene

Concen: 2.49 ng

RT: 10.43 min Scan# 730

Delta R.T. -0.03 min

Lab File: BF083987.D

Acq: 20 Dec 2015 8:40

Instrument :

BNA_F

ClientSampleId :

STOCKPILE-2(0-2)

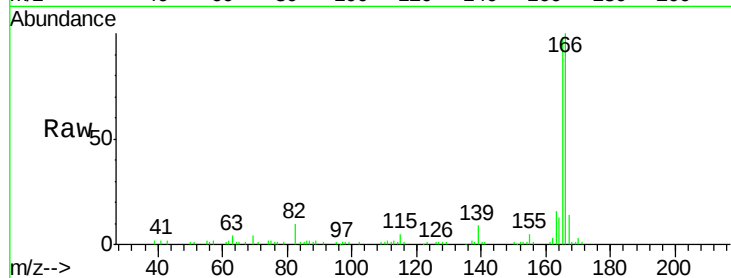
Tgt Ion:166 Resp: 58103

Ion Ratio Lower Upper

166 100

165 97.6 79.1 118.7

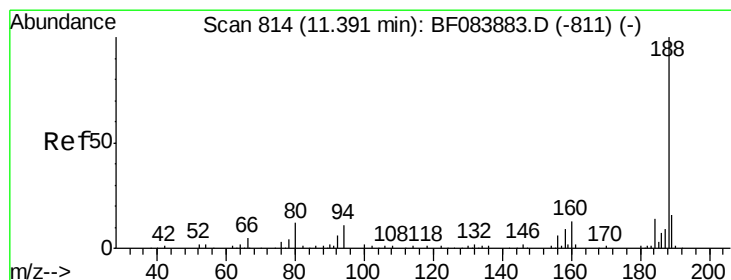
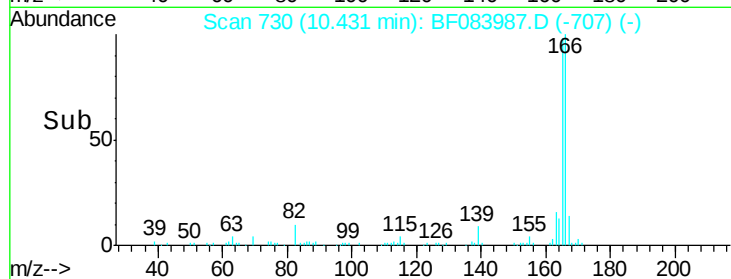
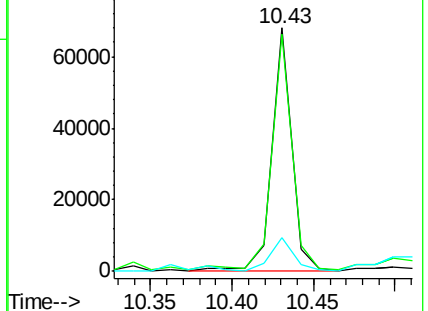
167 13.9 10.4 15.6



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: 20.00 ng

RT: 11.37 min Scan# 812

Delta R.T. -0.02 min

Lab File: BF083987.D

Acq: 20 Dec 2015 8:40

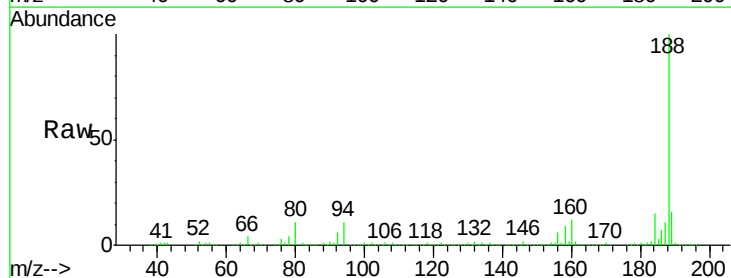
Tgt Ion:188 Resp: 263517

Ion Ratio Lower Upper

188 100

94 10.6 9.0 13.4

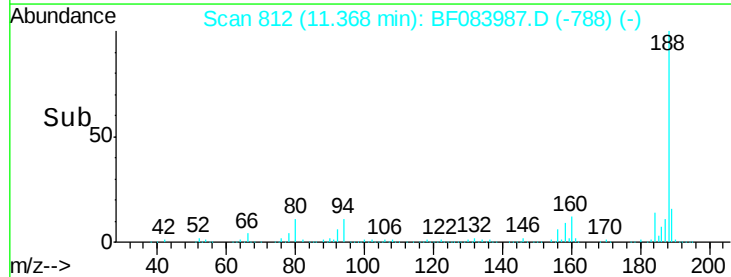
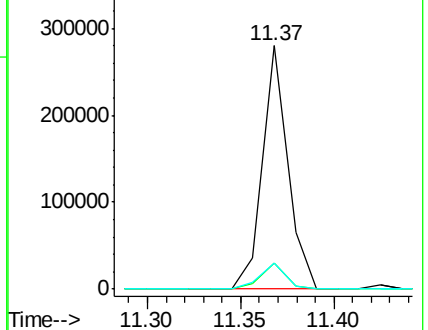
80 10.9 9.6 14.4

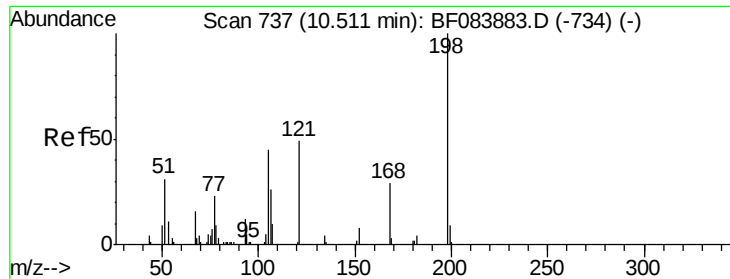


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

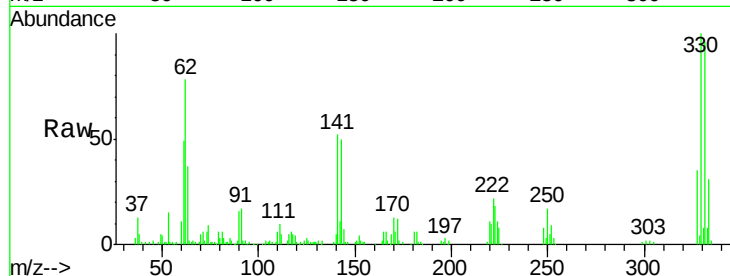




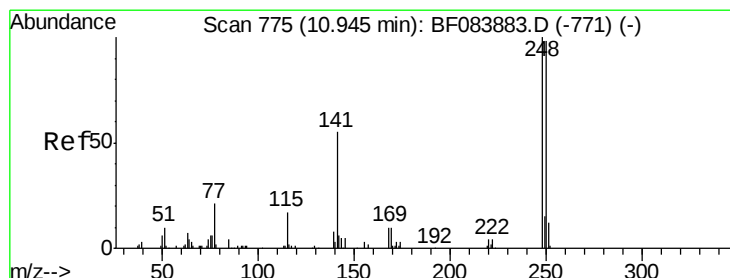
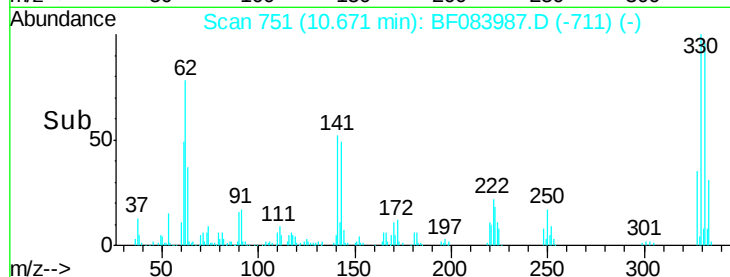
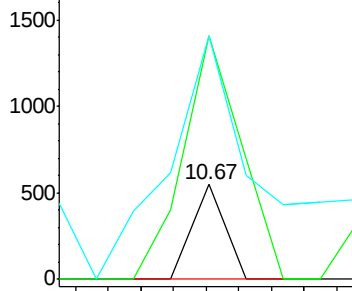
#64
 4,6-Dinitro-2-methylphenol
 Concen: 4.14 ng
 RT: 10.67 min Scan# 751
 Delta R.T. 0.16 min
 Lab File: BF083987.D
 Acq: 20 Dec 2015 8:40

Instrument :
 BNA_F
 ClientSampleId :
 STOCKPILE-2(0-2)

Tgt Ion:198 Resp: 376
 Ion Ratio Lower Upper
 198 100
 51 256.3 18.9 58.9#
 105 256.6 26.4 66.4#

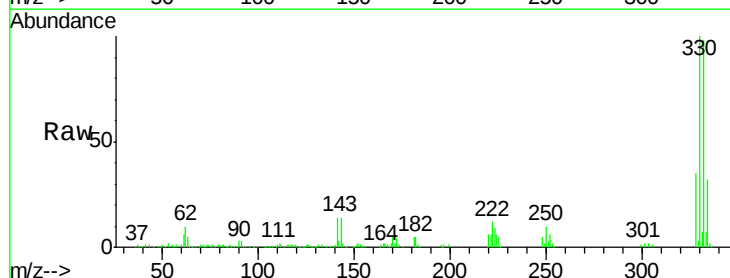


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

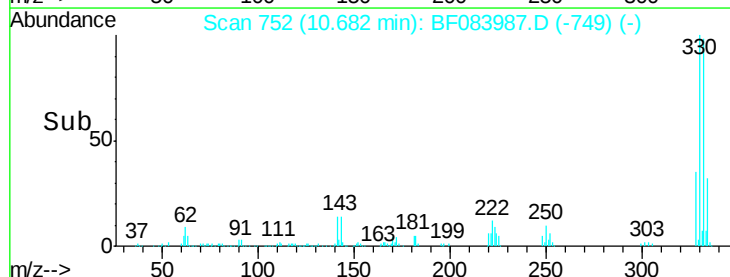
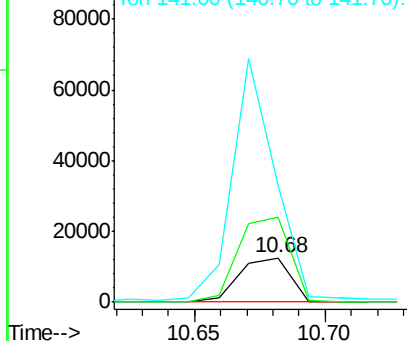


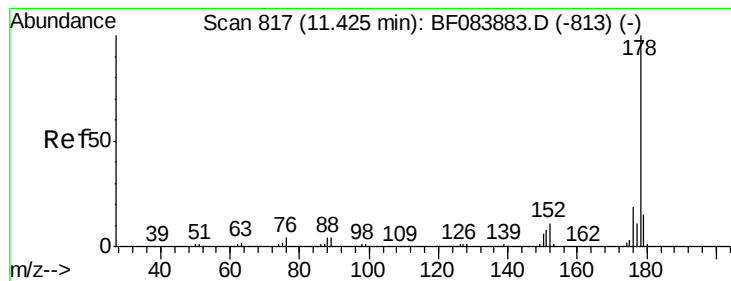
#66
 4-Bromophenyl-phenylether
 Concen: 5.20 ng
 RT: 10.68 min Scan# 752
 Delta R.T. -0.26 min
 Lab File: BF083987.D
 Acq: 20 Dec 2015 8:40

Tgt Ion:248 Resp: 16762
 Ion Ratio Lower Upper
 248 100
 250 193.9 78.4 117.6#
 141 264.9 44.0 66.0#



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: 48.65 ng

RT: 11.39 min Scan# 814

Delta R.T. -0.03 min

Lab File: BF083987.D

Acq: 20 Dec 2015 8:40

Instrument :

BNA_F

ClientSampleId :

STOCKPILE-2(0-2)

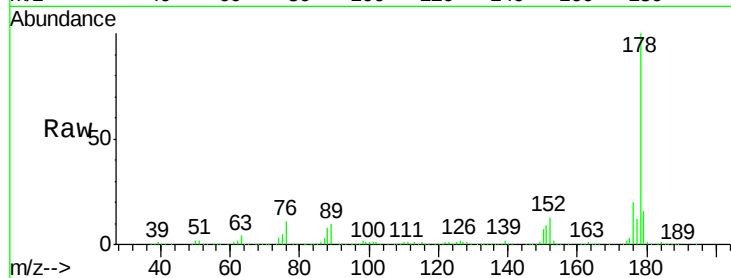
Tgt Ion:178 Resp: 774559

Ion Ratio Lower Upper

178 100

176 19.7 15.3 22.9

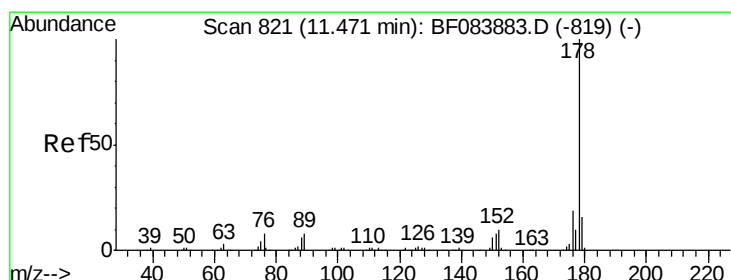
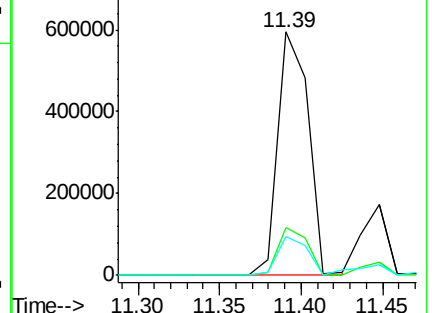
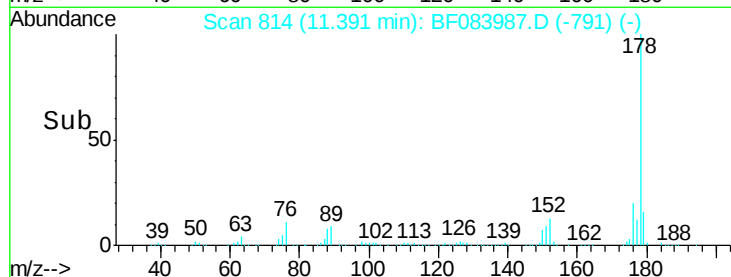
179 15.8 12.0 18.0



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: 12.71 ng

RT: 11.45 min Scan# 819

Delta R.T. -0.02 min

Lab File: BF083987.D

Acq: 20 Dec 2015 8:40

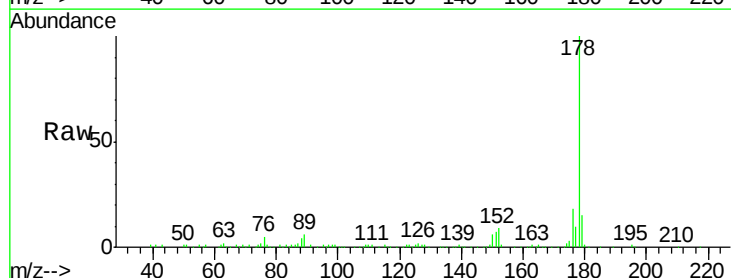
Tgt Ion:178 Resp: 195646

Ion Ratio Lower Upper

178 100

176 18.1 15.4 23.0

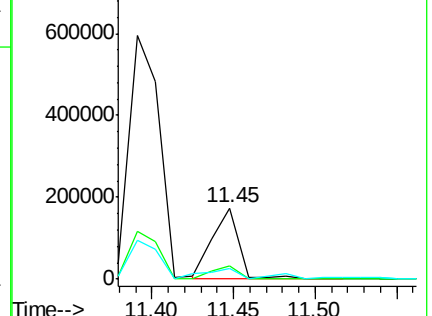
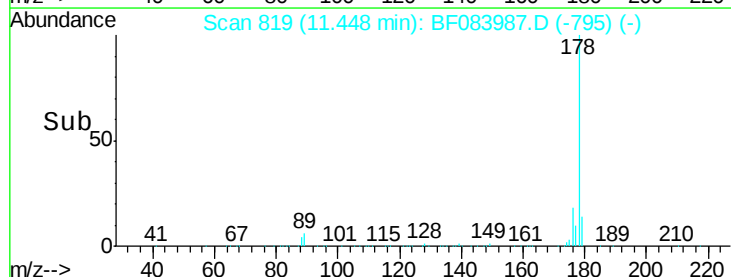
179 14.7 12.5 18.7

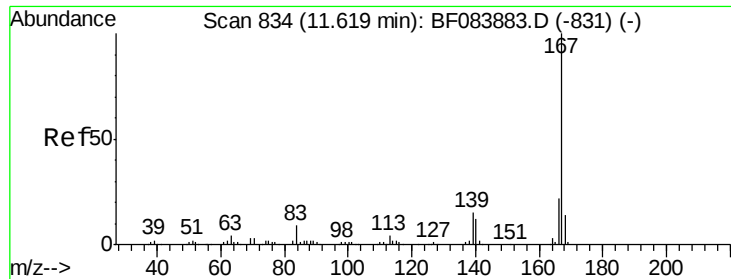


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

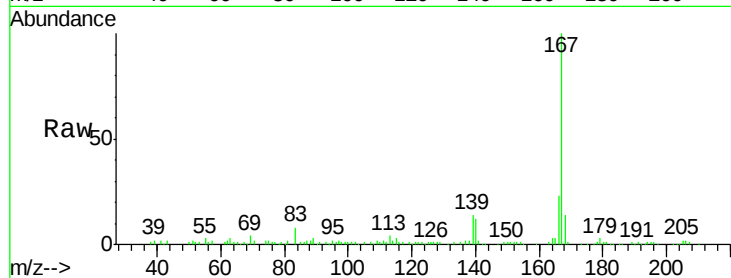




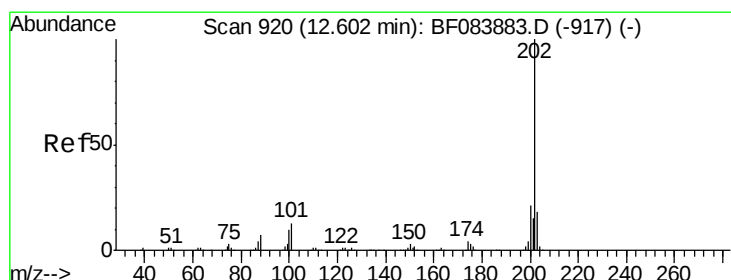
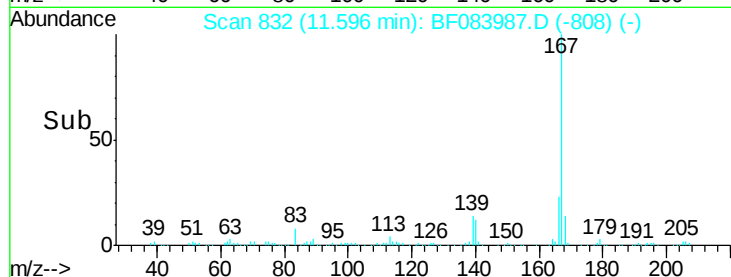
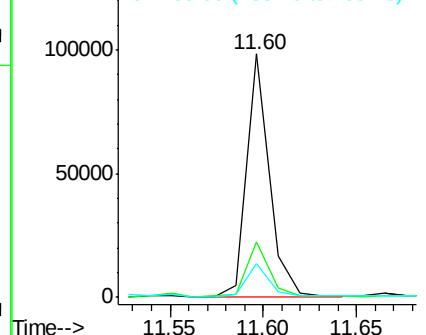
#72
 Carbazole
 Concen: 5.47 ng
 RT: 11.60 min Scan# 832
 Delta R.T. -0.02 min
 Lab File: BF083987.D
 Acq: 20 Dec 2015 8:40

Instrument :
 BNA_F
 ClientSampleId :
 STOCKPILE-2(0-2)

Tgt Ion:167 Resp: 83125
 Ion Ratio Lower Upper
 167 100
 166 22.9 17.6 26.4
 139 14.0 11.8 17.8

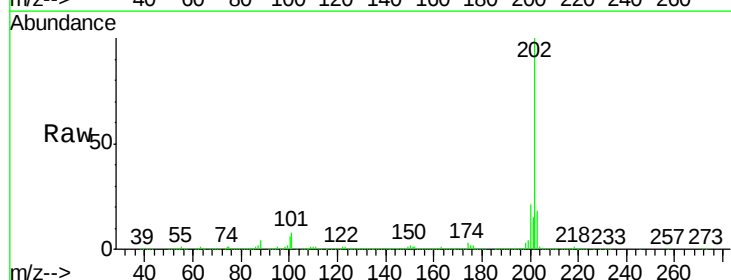


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

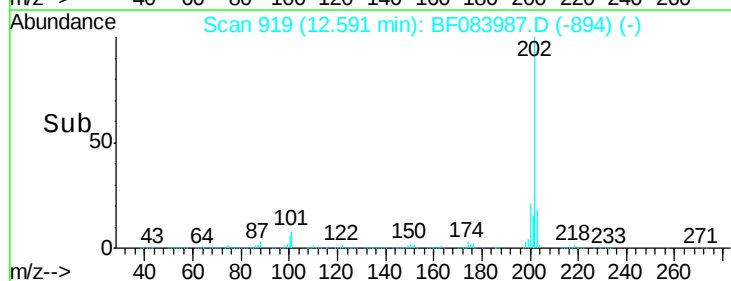
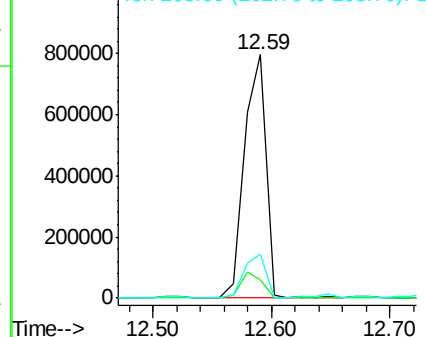


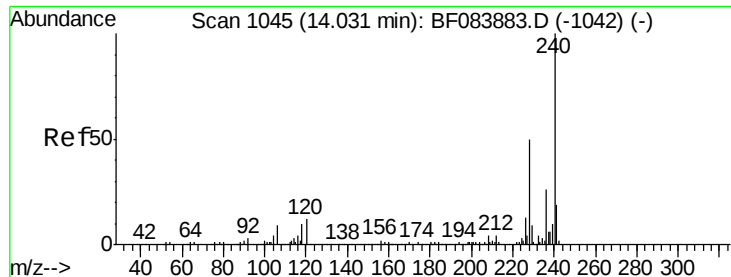
#74
 Fluoranthene
 Concen: 63.19 ng
 RT: 12.59 min Scan# 919
 Delta R.T. -0.01 min
 Lab File: BF083987.D
 Acq: 20 Dec 2015 8:40

Tgt Ion:202 Resp: 1003923
 Ion Ratio Lower Upper
 202 100
 101 7.6 0.0 32.8
 203 17.9 0.0 37.9



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: 14.01 min Scan# 1043

Delta R.T. -0.02 min

Lab File: BF083987.D

Acq: 20 Dec 2015 8:40

Instrument :

BNA_F

ClientSampleId :

STOCKPILE-2(0-2)

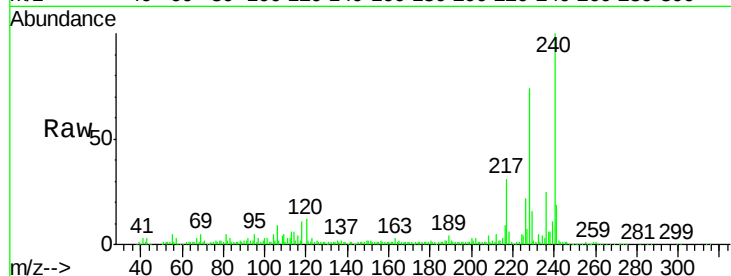
Tgt Ion:240 Resp: 169370

Ion Ratio Lower Upper

240 100

120 12.0 9.5 14.3

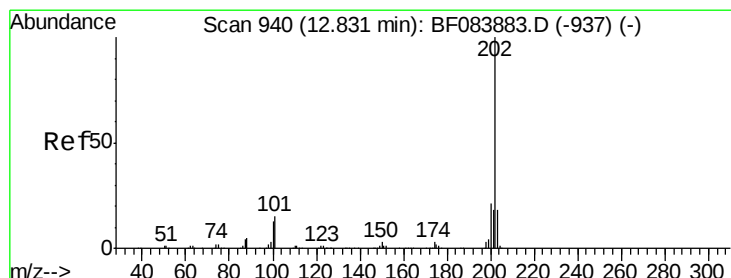
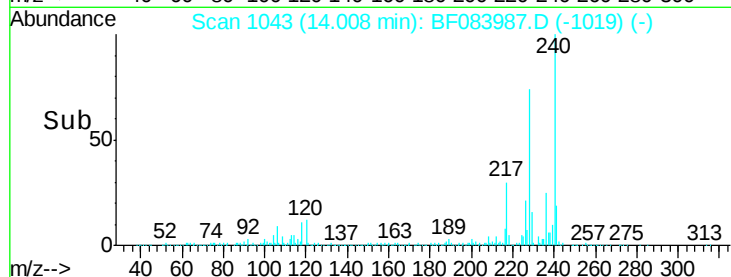
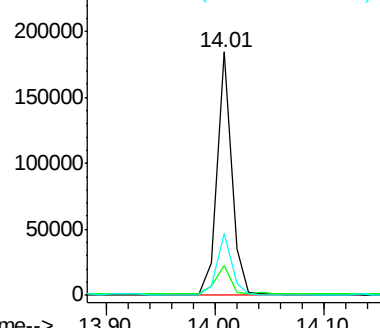
236 25.3 20.6 31.0



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: 76.20 ng

RT: 12.82 min Scan# 939

Delta R.T. -0.01 min

Lab File: BF083987.D

Acq: 20 Dec 2015 8:40

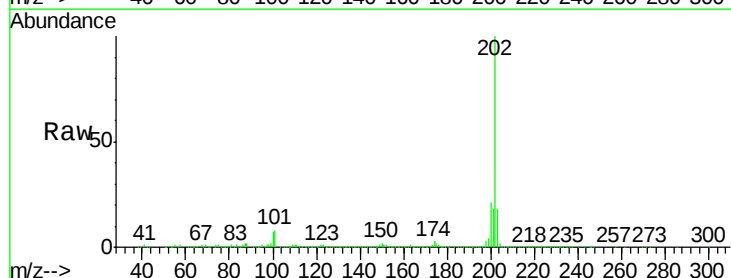
Tgt Ion:202 Resp: 922787

Ion Ratio Lower Upper

202 100

200 21.1 17.2 25.8

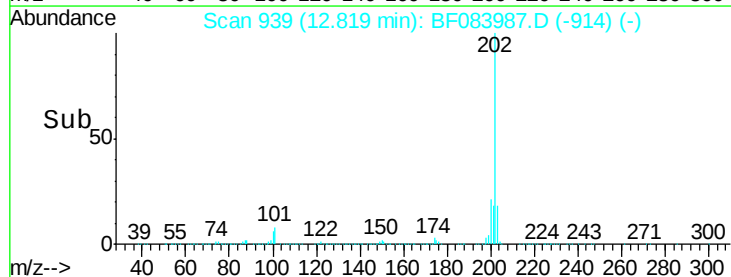
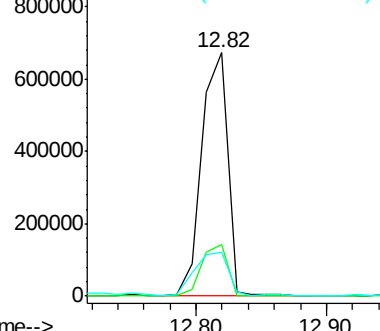
203 18.3 14.3 21.5

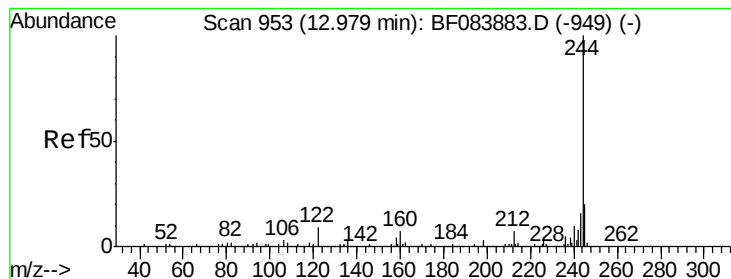


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 110.30 ng

RT: 12.96 min Scan# 951

Delta R.T. -0.02 min

Lab File: BF083987.D

Acq: 20 Dec 2015 8:40

Instrument :

BNA_F

ClientSampleId :

STOCKPILE-2(0-2)

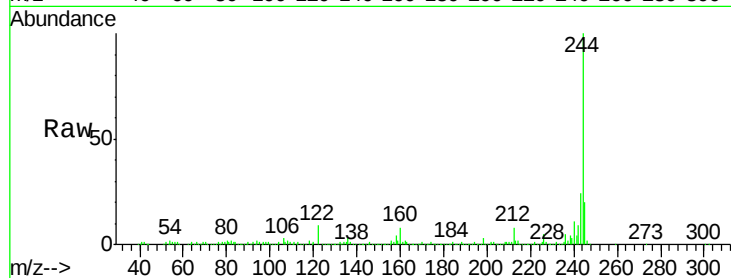
Tgt Ion:244 Resp: 785522

Ion Ratio Lower Upper

244 100

212 7.5 5.7 8.5

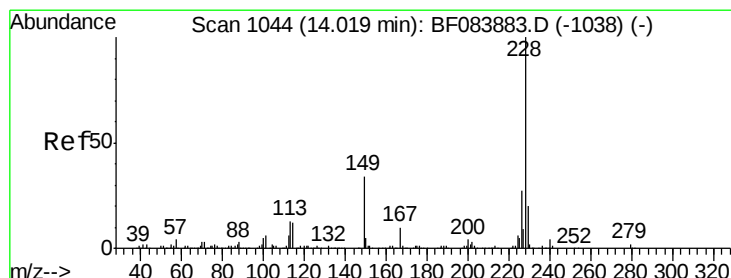
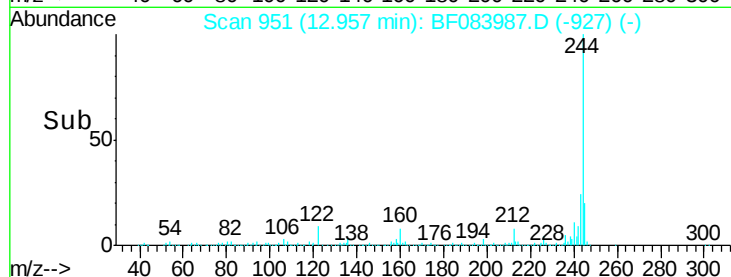
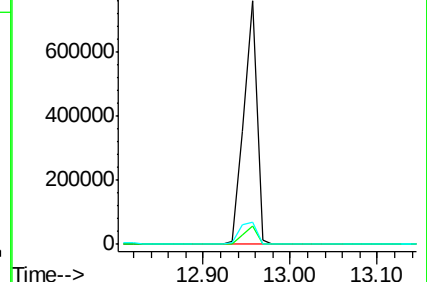
122 9.4 7.4 11.0



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: 44.00 ng

RT: 14.00 min Scan# 1042

Delta R.T. -0.02 min

Lab File: BF083987.D

Acq: 20 Dec 2015 8:40

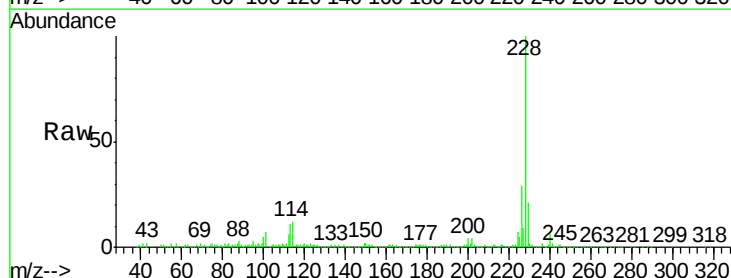
Tgt Ion:228 Resp: 458208

Ion Ratio Lower Upper

228 100

226 28.6 21.8 32.6

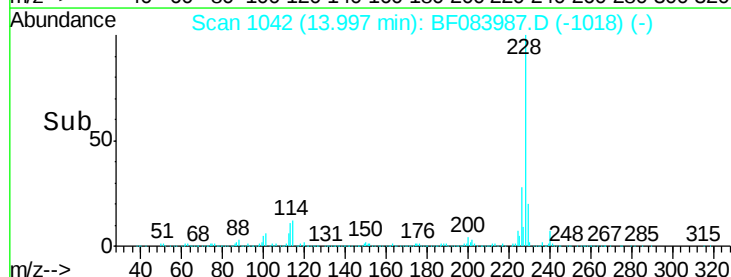
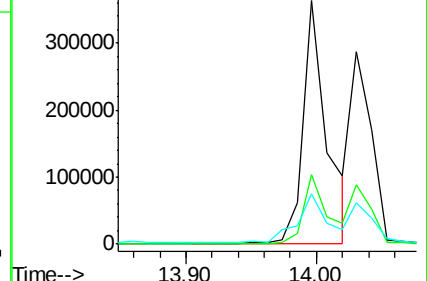
229 20.8 15.8 23.8

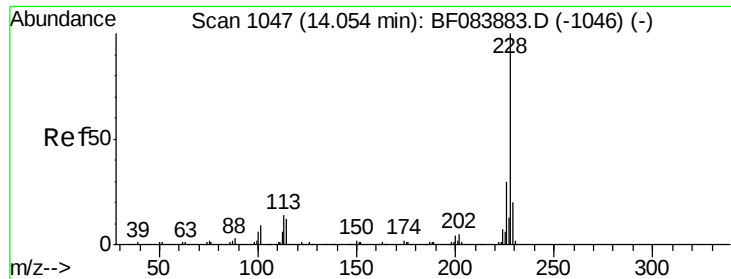


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 31.81 ng

RT: 14.03 min Scan# 1045

Delta R.T. -0.02 min

Lab File: BF083987.D

Acq: 20 Dec 2015 8:40

Instrument :

BNA_F

ClientSampleId :

STOCKPILE-2(0-2)

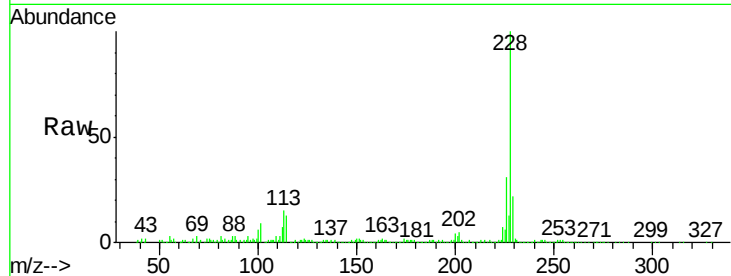
Tgt Ion:228 Resp: 320013

Ion Ratio Lower Upper

228 100

226 30.5 24.3 36.5

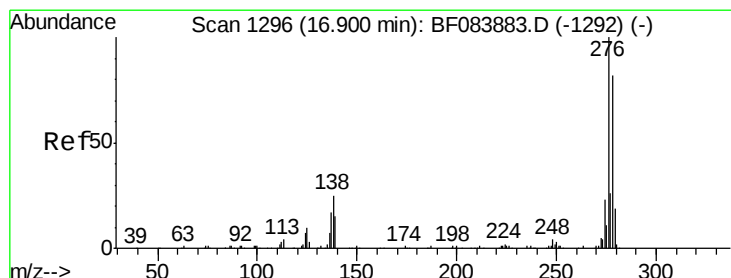
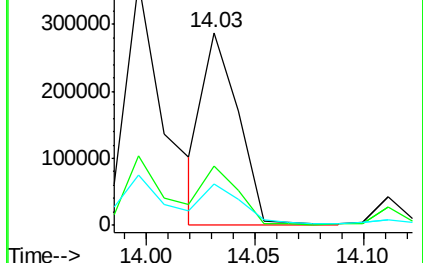
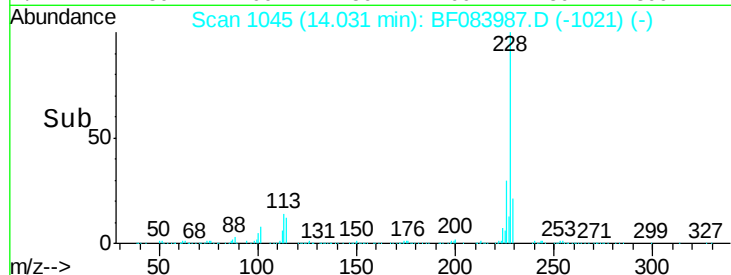
229 21.8 16.1 24.1



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: 27.70 ng

RT: 16.87 min Scan# 1293

Delta R.T. -0.03 min

Lab File: BF083987.D

Acq: 20 Dec 2015 8:40

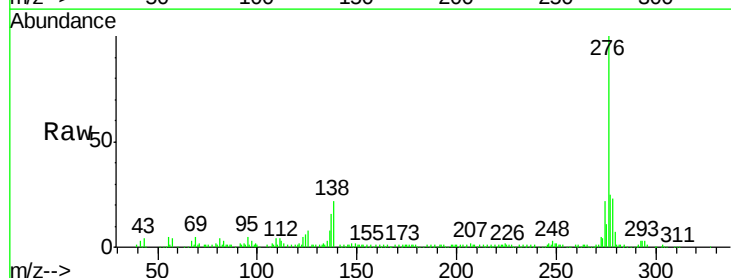
Tgt Ion:276 Resp: 208352

Ion Ratio Lower Upper

276 100

138 23.3 20.6 30.8

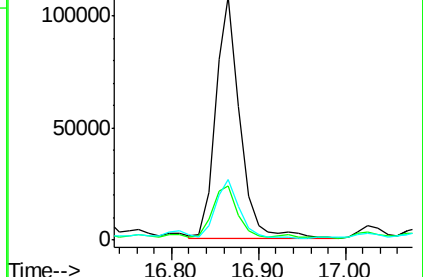
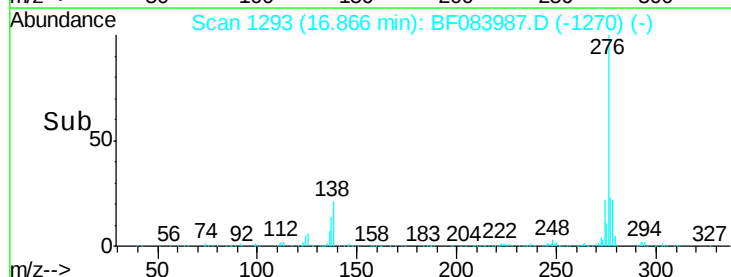
277 23.3 20.1 30.1

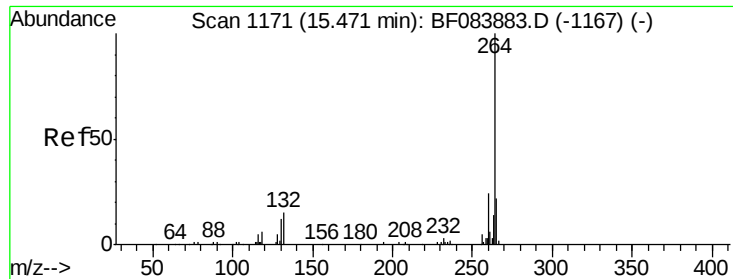


Abundance Ion 276.00 (275.70 to 276.70): E

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: 15.45 min Scan# 1169

Delta R.T. -0.02 min

Lab File: BF083987.D

Acq: 20 Dec 2015 8:40

Instrument :

BNA_F

ClientSampleId :

STOCKPILE-2(0-2)

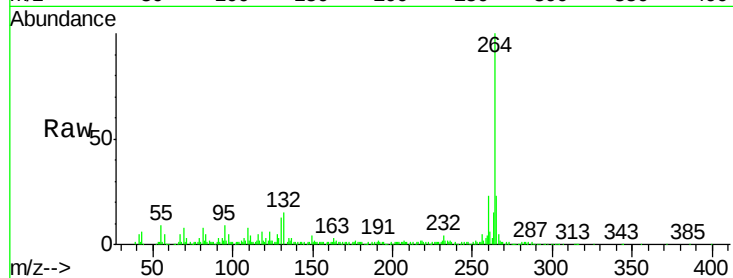
Tgt Ion:264 Resp: 172421

Ion Ratio Lower Upper

264 100

260 23.2 19.4 29.2

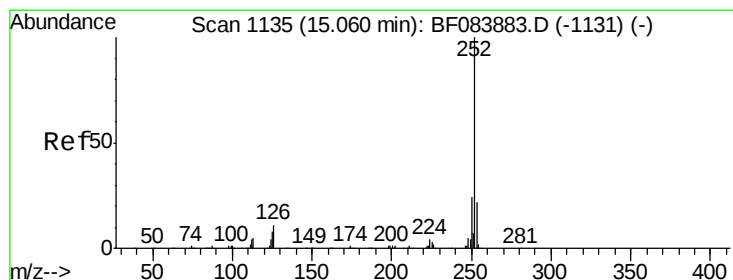
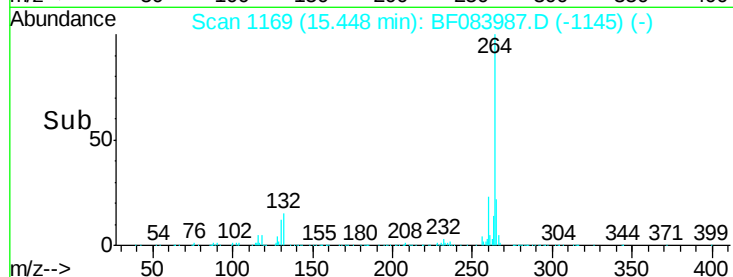
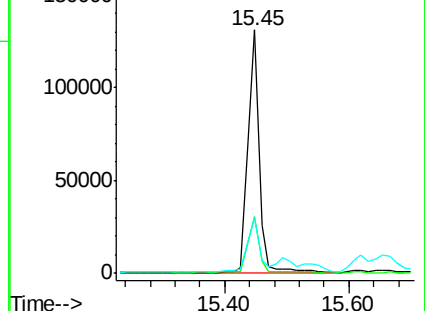
265 22.7 17.8 26.6



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: 49.85 ng

RT: 15.04 min Scan# 1133

Delta R.T. -0.02 min

Lab File: BF083987.D

Acq: 20 Dec 2015 8:40

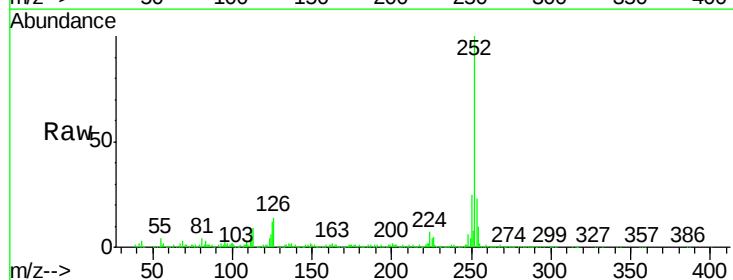
Tgt Ion:252 Resp: 626640

Ion Ratio Lower Upper

252 100

253 23.0 17.3 25.9

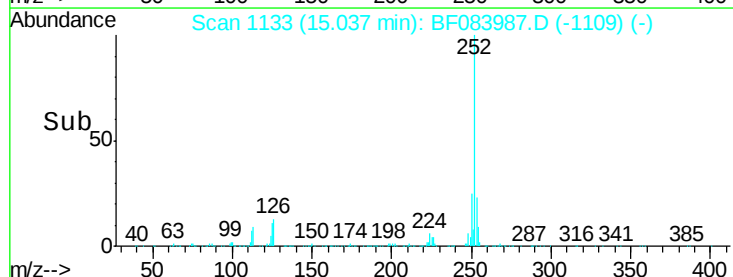
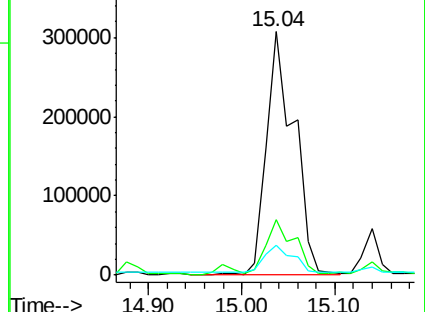
125 12.2 6.5 9.7#

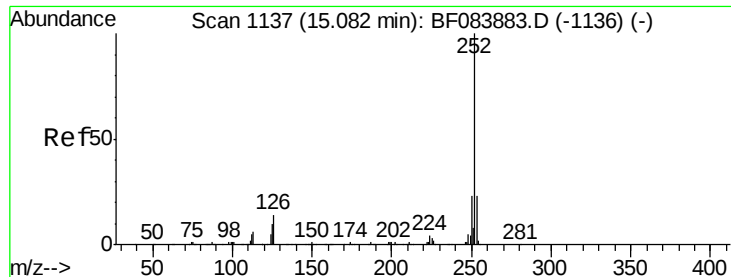


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

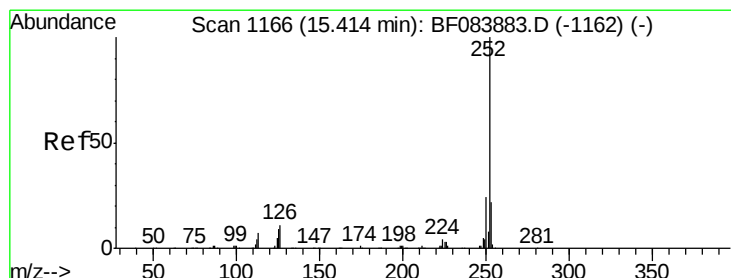
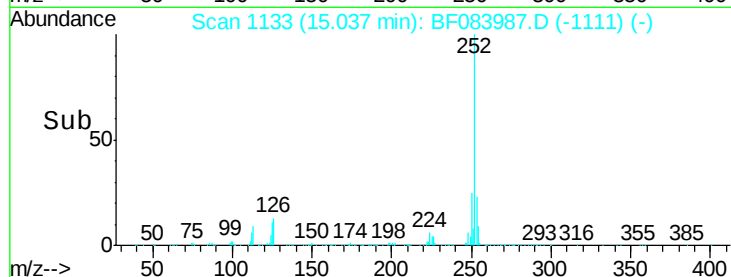
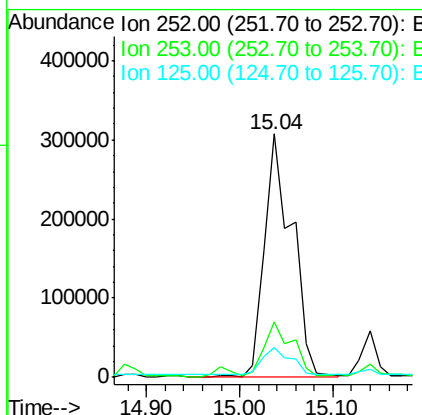
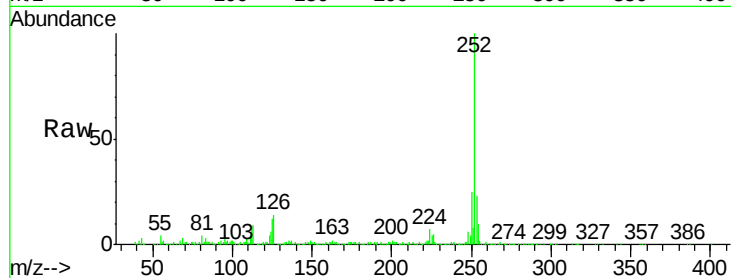




#88
Benzo(k)fluoranthene
Concen: 60.43 ng
RT: 15.04 min Scan# 1133
Delta R.T. -0.05 min
Lab File: BF083987.D
Acq: 20 Dec 2015 8:40

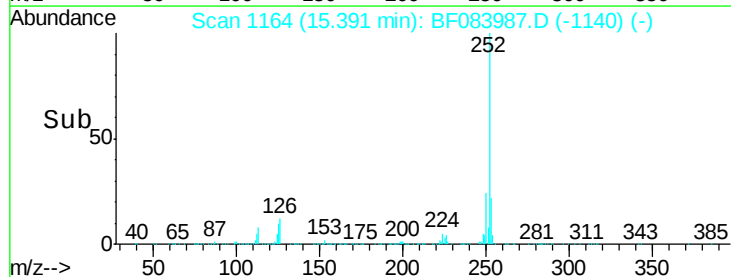
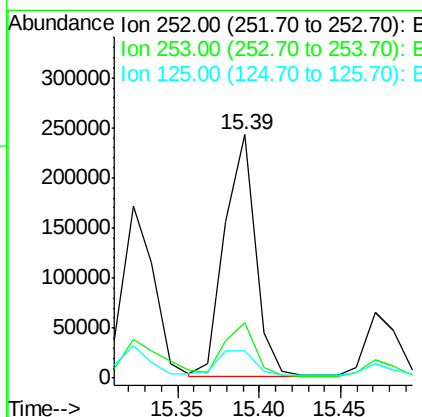
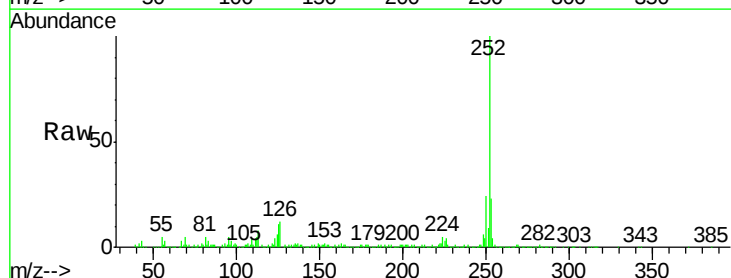
Instrument :
BNA_F
ClientSampleId :
STOCKPILE-2(0-2)

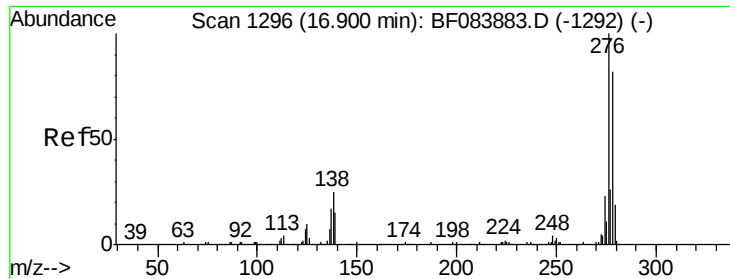
Tgt Ion:252 Resp: 626640
Ion Ratio Lower Upper
252 100
253 23.0 18.1 27.1
125 12.2 9.0 13.6



#89
Benzo(a)pyrene
Concen: 30.56 ng
RT: 15.39 min Scan# 1164
Delta R.T. -0.02 min
Lab File: BF083987.D
Acq: 20 Dec 2015 8:40

Tgt Ion:252 Resp: 317179
Ion Ratio Lower Upper
252 100
253 22.7 17.3 25.9
125 11.1 7.0 10.4#





#90

Dibenzo(a,h)anthracene

Concen: 7.26 ng

RT: 16.87 min Scan# 1293

Delta R.T. -0.03 min

Lab File: BF083987.D

Acq: 20 Dec 2015 8:40

Instrument :

BNA_F

ClientSampleId :

STOCKPILE-2(0-2)

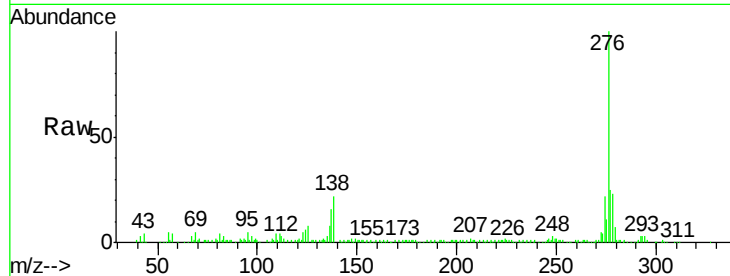
Tgt Ion:278 Resp: 58650

Ion Ratio Lower Upper

278 100

139 0.0 15.0 22.4#

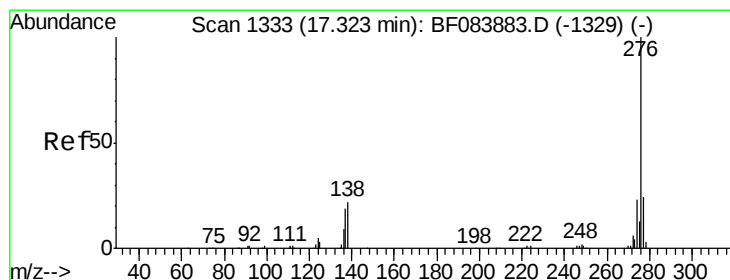
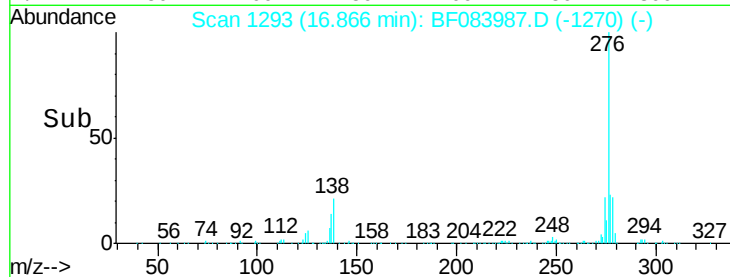
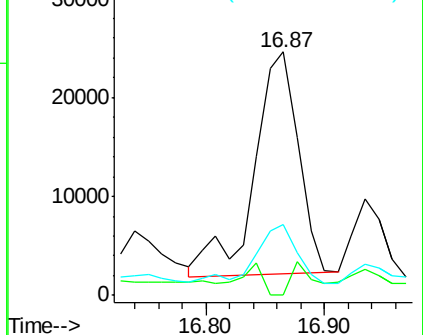
279 29.0 18.9 28.3#



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(g,h,i)perylene

Concen: 23.65 ng

RT: 17.29 min Scan# 1330

Delta R.T. -0.03 min

Lab File: BF083987.D

Acq: 20 Dec 2015 8:40

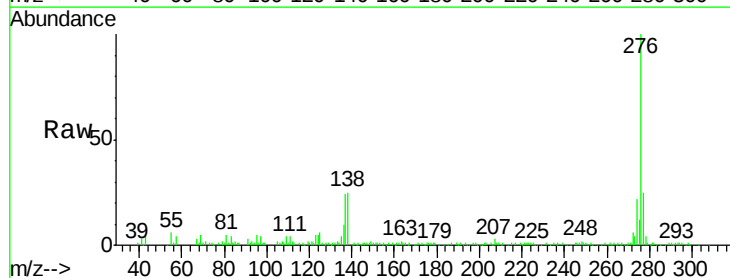
Tgt Ion:276 Resp: 187211

Ion Ratio Lower Upper

276 100

277 24.7 18.8 28.2

138 24.6 17.8 26.6



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

