

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122015\
 Data File : BF083986.D
 Acq On : 20 Dec 2015 8:13
 Operator : UM/SJ
 Sample : G4912-01
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 STOCKPILE-1(0-2)

Quant Time: Dec 21 01:05:43 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	68255	20.00	ng	-0.02
21) Naphthalene-d8	8.13	136	292666	20.00	ng	-0.02
38) Acenaphthene-d10	9.88	164	131054	20.00	ng	-0.03
63) Phenanthrene-d10	11.37	188	223193	20.00	ng	-0.02
75) Chrysene-d12	14.01	240	162771	20.00	ng	-0.02
86) Perylene-d12	15.44	264	116481	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	646863	148.31	ng	-0.01
7) Phenol-d6	6.50	99	632452	118.47	ng	-0.01
23) Nitrobenzene-d5	7.41	82	453711	88.48	ng	-0.02
41) 2,4,6-Tribromophenol	10.68	330	216092	149.67	ng	-0.02
44) 2-Fluorobiphenyl	9.21	172	709112	74.51	ng	-0.03
78) Terphenyl-d14	12.96	244	785915	115.11	ng	-0.02

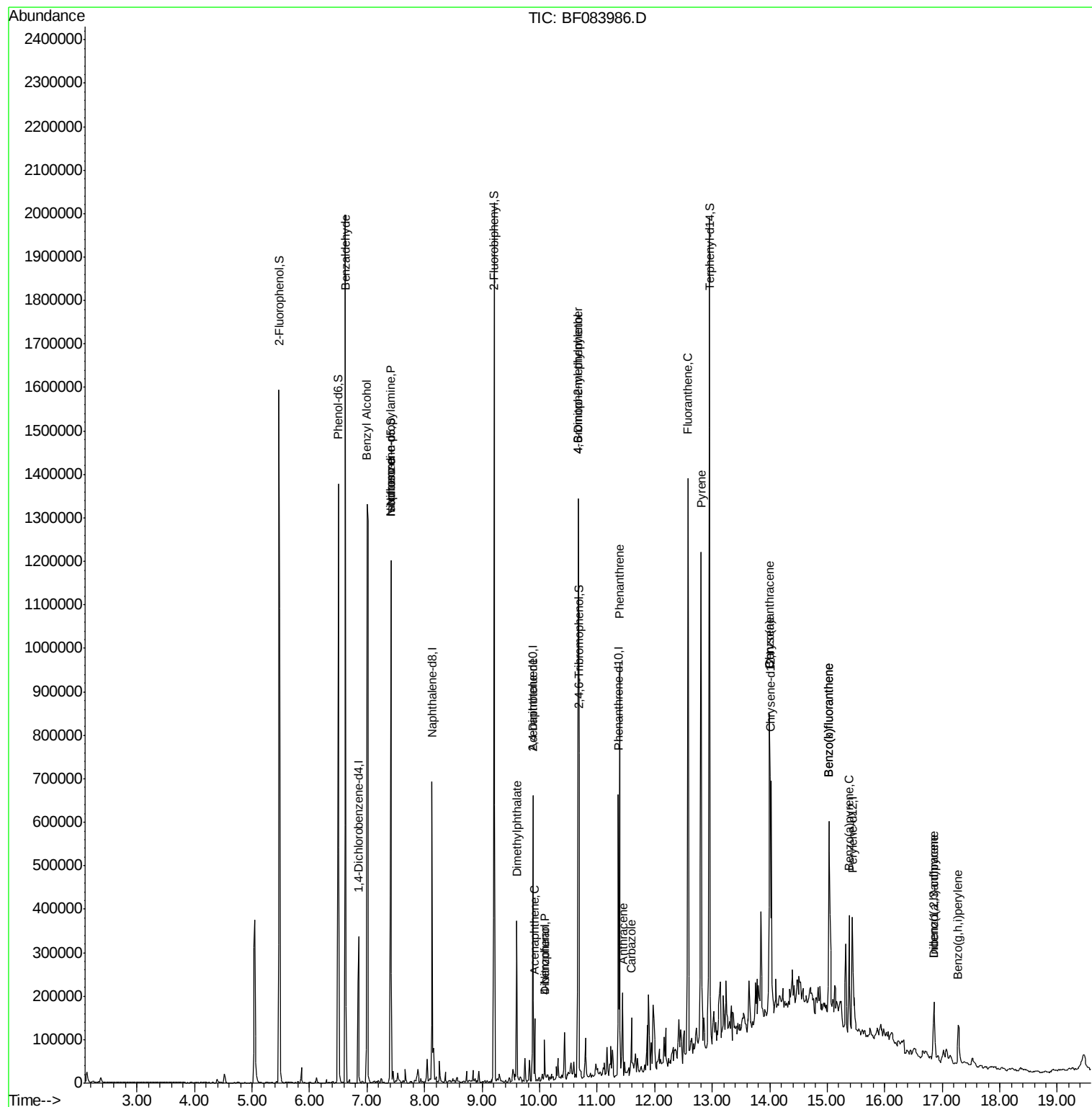
Target Compounds						Qvalue
9) Benzaldehyde	6.62	77	12771	3.97	ng	88
15) Benzyl Alcohol	7.00	79	8501	2.10	ng	# 44
19) n-Nitroso-di-n-propylamine	7.41	70	64402	20.69	ng	# 76
25) Isophorone	7.41	82	349397	36.21	ng	# 66
31) Naphthalene	8.16	128	26296	Below	Cal	99
36) 4-Chloro-3-methylphenol	8.60	107	211	Below	Cal #	20
45) 1,1'-Biphenyl	9.31	154	3928	Below	Cal	94
49) Dimethylphthalate	9.61	163	214894	19.54	ng	# 91
51) Acenaphthene	9.92	154	28894	3.08	ng	99
54) Dibenzofuran	10.09	168	26346	2.16	ng	95
55) 4-Nitrophenol	10.09	139	10637	6.74	ng	# 12
56) 2,4-Dinitrotoluene	9.88	165	17687	5.75	ng	# 22
57) Fluorene	10.43	166	27440	Below	Cal #	99
64) 4,6-Dinitro-2-methylphenol	10.67	198	265	4.11	ng	# 1
66) 4-Bromophenyl-phenylether	10.67	248	13392	4.91	ng	# 1
70) Phenanthrene	11.39	178	321079	23.81	ng	98
71) Anthracene	11.45	178	105851	8.12	ng	98
72) Carbazole	11.60	167	39732	3.08	ng	99
74) Fluoranthene	12.58	202	483972	35.97	ng	99
77) Pyrene	12.81	202	465563	44.89	ng	100
80) Benzo(a)anthracene	14.00	228	223128	22.30	ng	98
82) Chrysene	14.00	228	223128	23.08	ng	98
85) Indeno(1,2,3-cd)pyrene	16.85	276	85096	11.77	ng	94
87) Benzo(b)fluoranthene	15.03	252	324158	38.17	ng	# 94
88) Benzo(k)fluoranthene	15.03	252	324158	46.27	ng	# 98
89) Benzo(a)pyrene	15.38	252	121600	17.34	ng	# 95
90) Dibenzo(a,h)anthracene	16.85	278	23549	4.32	ng	# 73
91) Benzo(g,h,i)perylene	17.28	276	82148	15.36	ng	98

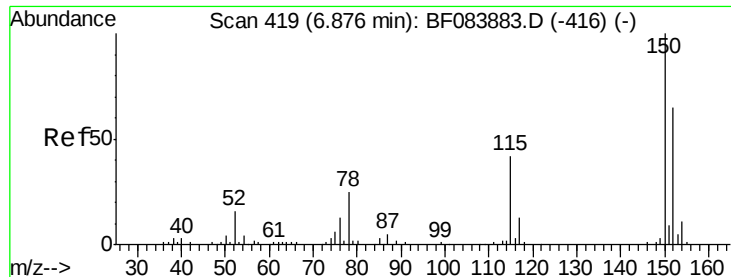
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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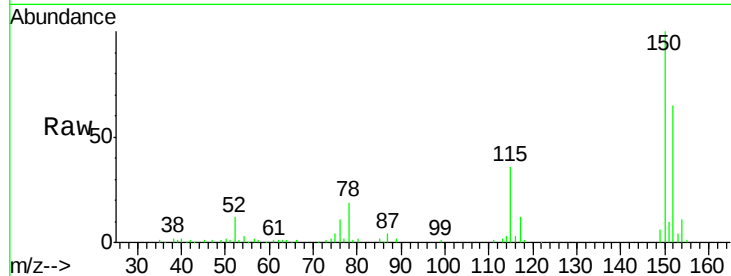




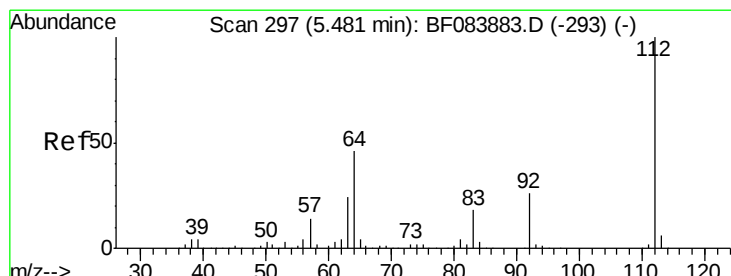
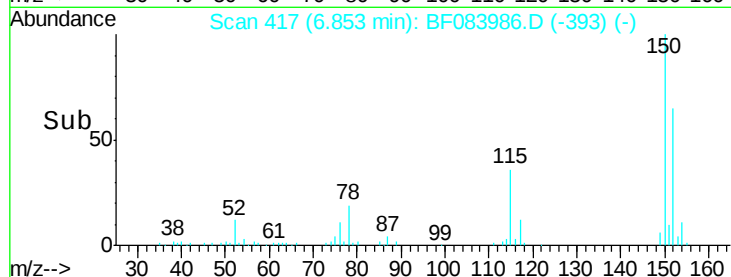
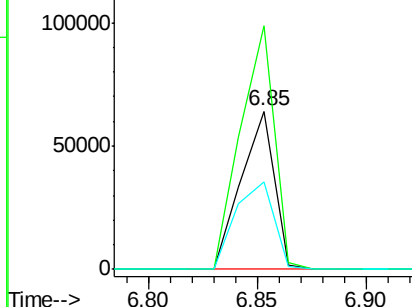
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.85 min Scan# 417
 Delta R.T. -0.02 min
 Lab File: BF083986.D
 Acq: 20 Dec 2015 8:13

Instrument :
 BNA_F
 ClientSampleId :
 STOCKPILE-1(0-2)

Tgt Ion:152 Resp: 68255
 Ion Ratio Lower Upper
 152 100
 150 153.9 123.0 184.4
 115 55.7 51.4 77.2

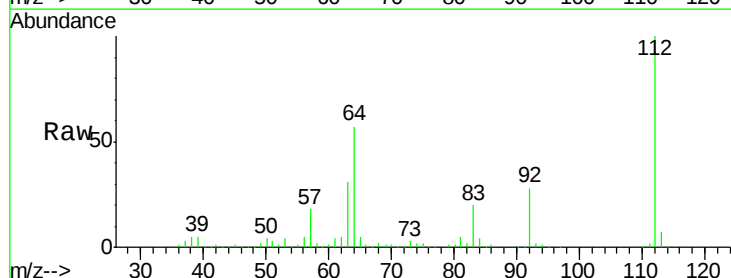


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

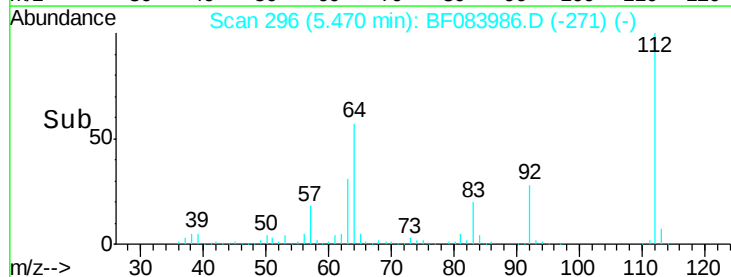
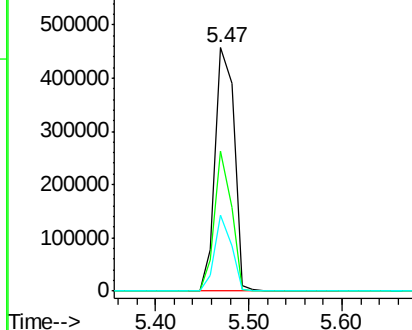


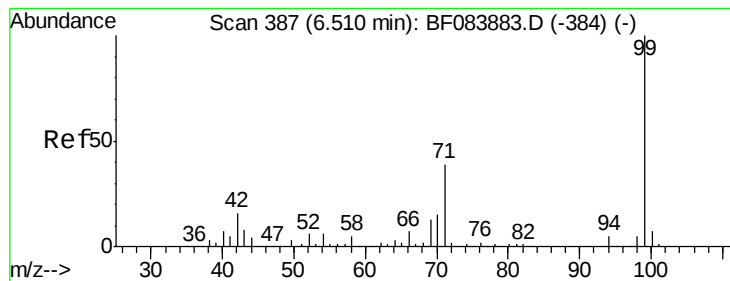
#5
 2-Fluorophenol
 Concen: 148.31 ng
 RT: 5.47 min Scan# 296
 Delta R.T. -0.01 min
 Lab File: BF083986.D
 Acq: 20 Dec 2015 8:13

Tgt Ion:112 Resp: 646863
 Ion Ratio Lower Upper
 112 100
 64 57.4 36.6 55.0#
 63 31.0 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: 118.47 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF083986.D

Acq: 20 Dec 2015 8:13

Instrument :

BNA_F

ClientSampleId :

STOCKPILE-1(0-2)

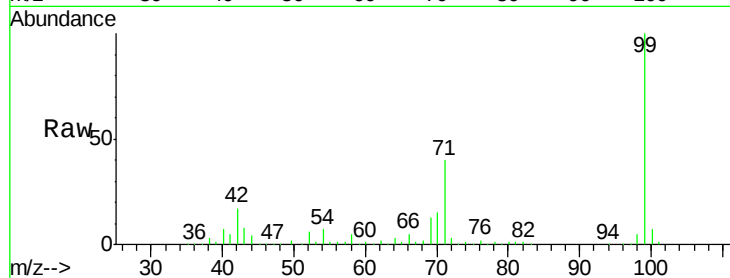
Tgt Ion: 99 Resp: 632452

Ion Ratio Lower Upper

99 100

42 16.7 12.8 19.2

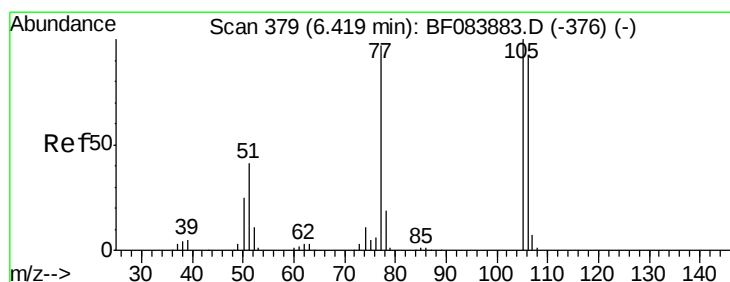
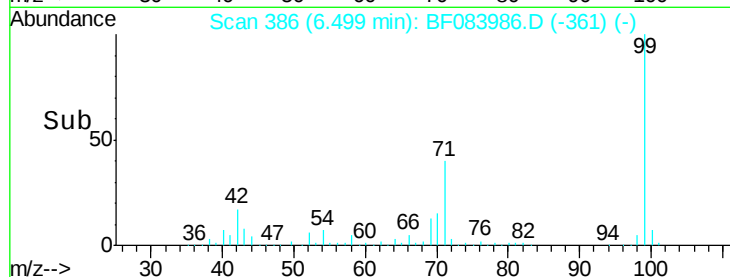
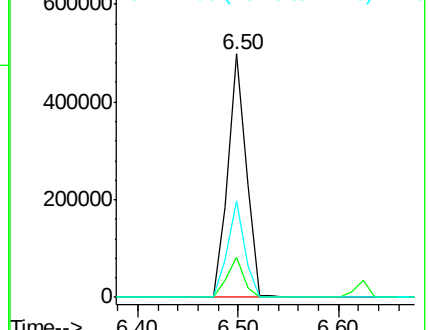
71 39.7 30.9 46.3



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: 3.97 ng

RT: 6.62 min Scan# 397

Delta R.T. 0.21 min

Lab File: BF083986.D

Acq: 20 Dec 2015 8:13

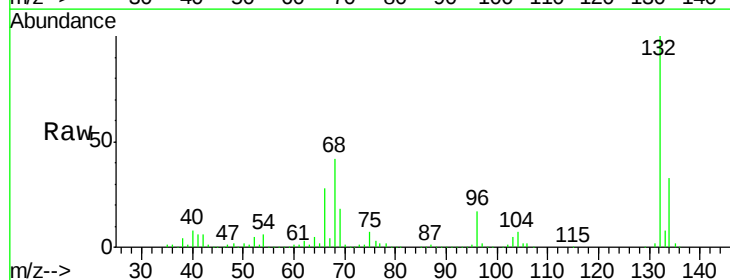
Tgt Ion: 77 Resp: 12771

Ion Ratio Lower Upper

77 100

105 86.8 83.0 123.0

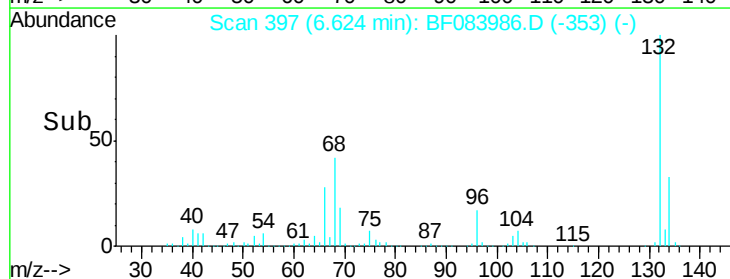
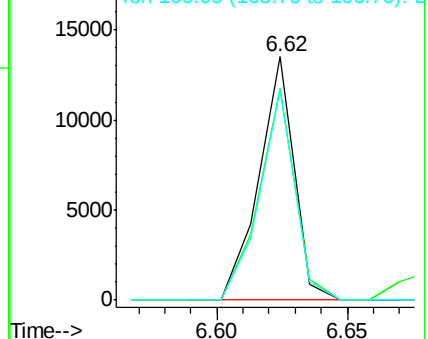
106 86.2 74.6 114.6

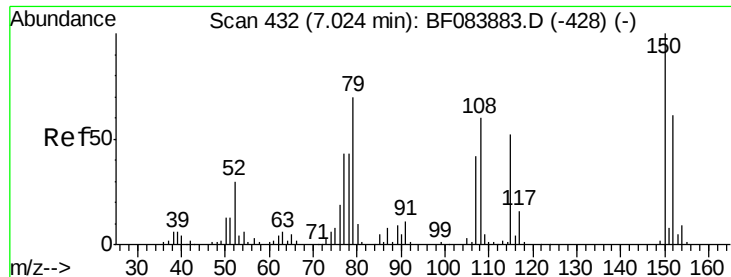


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B

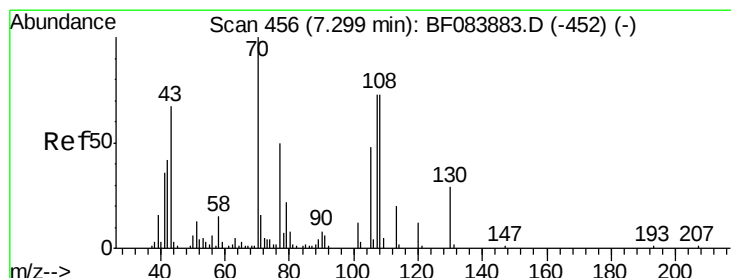
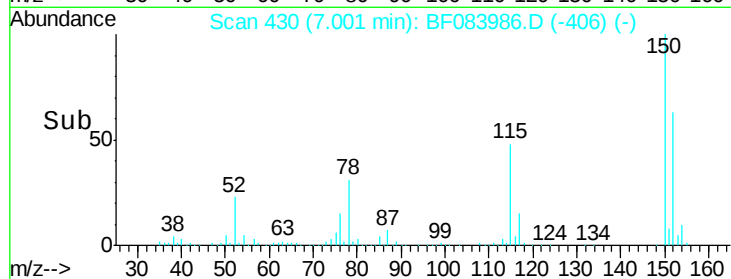
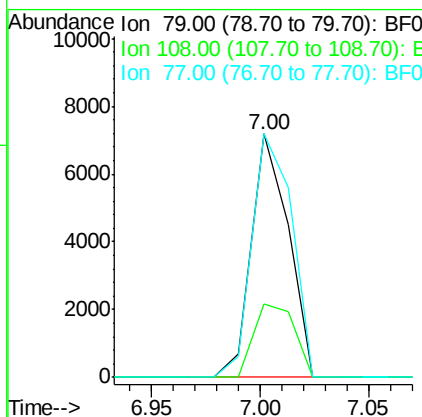
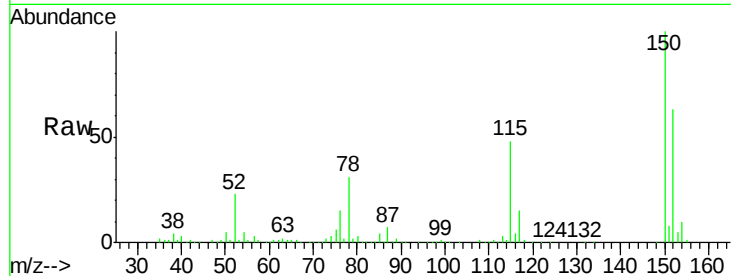




#15
Benzyl Alcohol
Concen: 2.10 ng
RT: 7.00 min Scan# 430
Delta R.T. -0.02 min
Lab File: BF083986.D
Acq: 20 Dec 2015 8:13

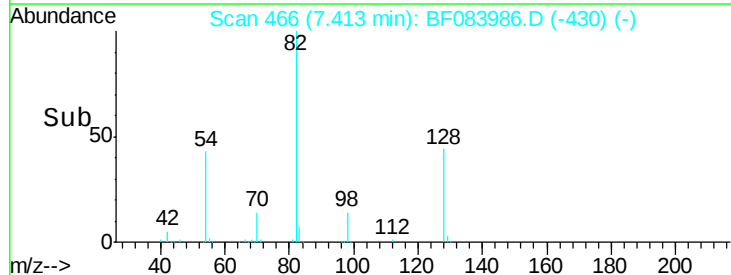
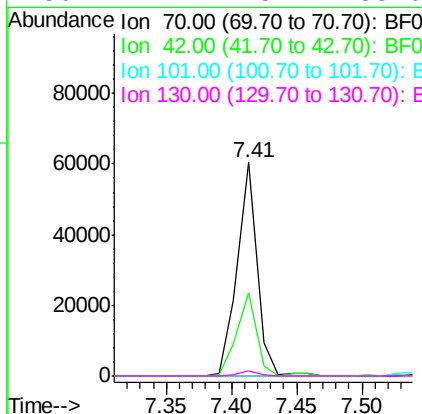
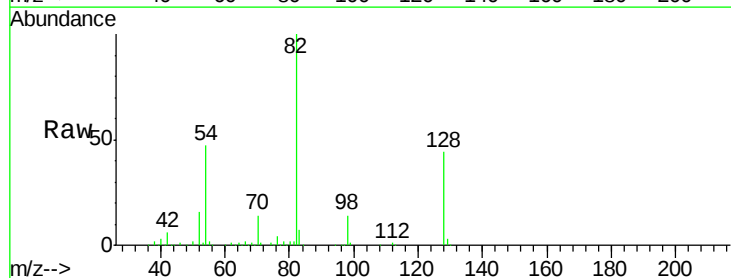
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STOCKPILE-1(0-2)

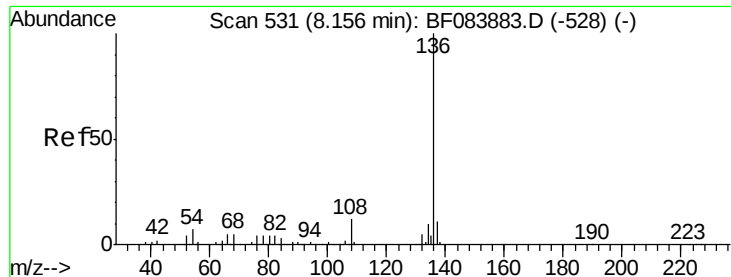
Tgt Ion: 79 Resp: 8501
Ion Ratio Lower Upper
79 100
108 30.2 69.0 103.4#
77 99.8 50.0 75.0#



#19
n-Nitroso-di-n-propylamine
Concen: 20.69 ng
RT: 7.41 min Scan# 466
Delta R.T. 0.11 min
Lab File: BF083986.D
Acq: 20 Dec 2015 8:13

Tgt Ion: 70 Resp: 64402
Ion Ratio Lower Upper
70 100
42 39.3 33.3 49.9
101 0.0 9.3 13.9#
130 2.2 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: BF083986.D

Acq: 20 Dec 2015 8:13

Instrument :

BNA_F

ClientSampleId :

STOCKPILE-1(0-2)

Tgt Ion:136 Resp: 292666

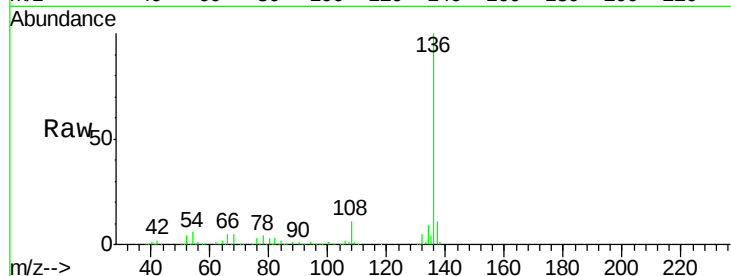
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 5.9 5.8 8.8

68 4.5 4.2 6.2

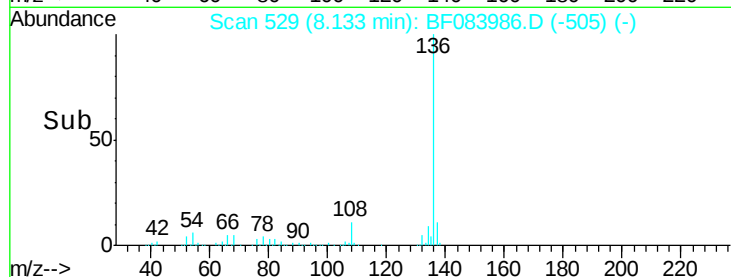


Abundance Ion 136.00 (135.70 to 136.70): E

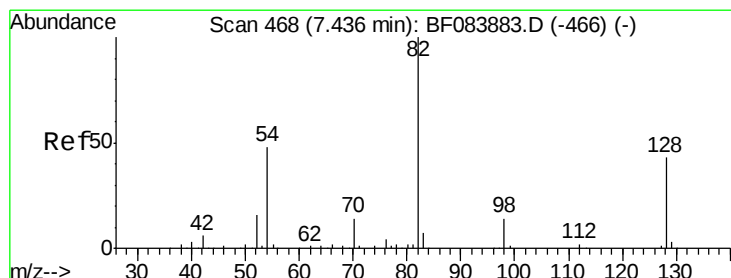
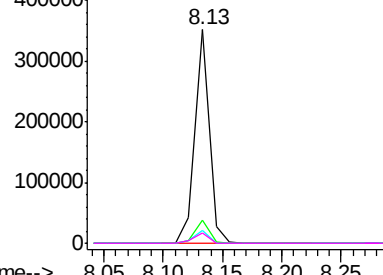
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 88.48 ng

RT: 7.41 min Scan# 466

Delta R.T. -0.02 min

Lab File: BF083986.D

Acq: 20 Dec 2015 8:13

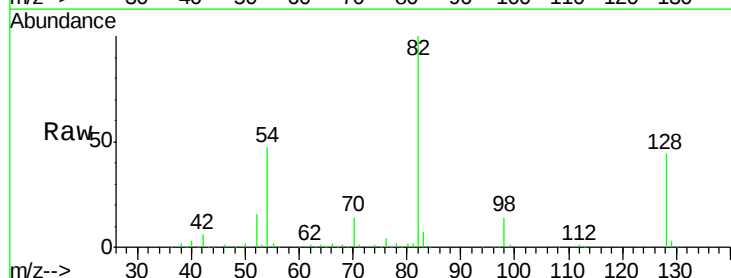
Tgt Ion: 82 Resp: 453711

Ion Ratio Lower Upper

82 100

128 44.2 34.6 51.8

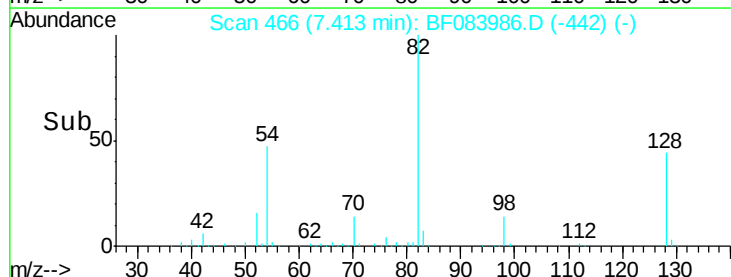
54 47.2 38.4 57.6



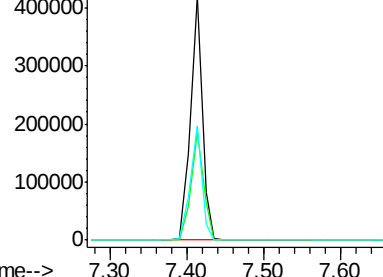
Abundance Ion 82.00 (81.70 to 82.70): BF0

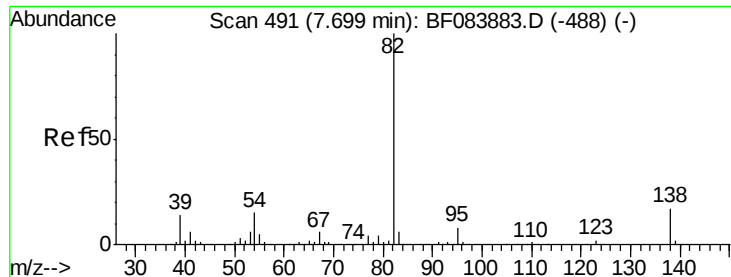
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time-->





#25

Isophorone

Concen: 36.21 ng

RT: 7.41 min Scan# 466

Delta R.T. -0.29 min

Lab File: BF083986.D

Acq: 20 Dec 2015 8:13

Instrument :

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ClientSampleId :

STOCKPILE-1(0-2)

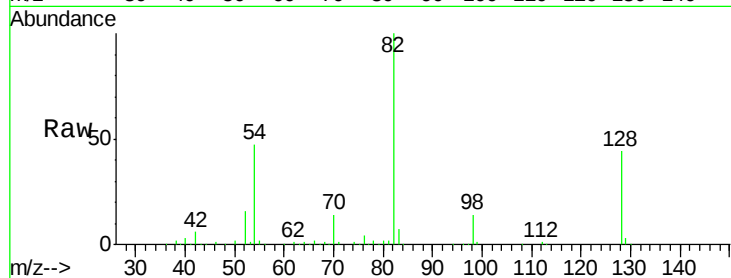
Tgt Ion: 82 Resp: 349397

Ion Ratio Lower Upper

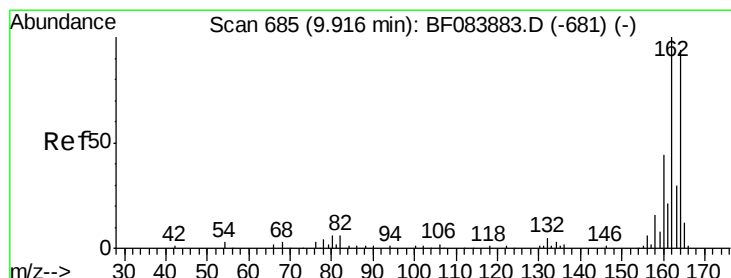
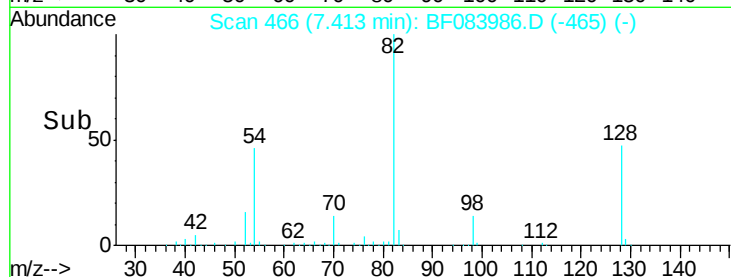
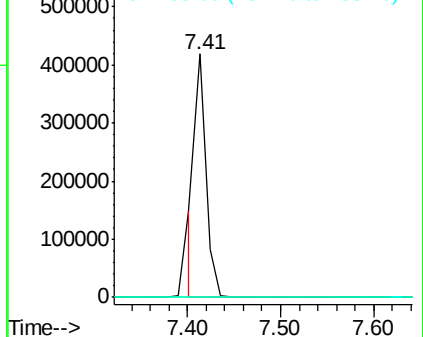
82 100

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: BF083986.D

Acq: 20 Dec 2015 8:13

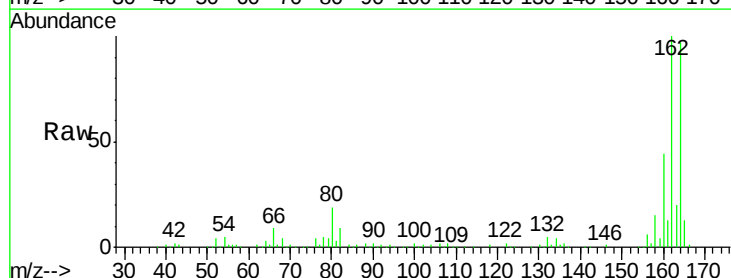
Tgt Ion: 164 Resp: 131054

Ion Ratio Lower Upper

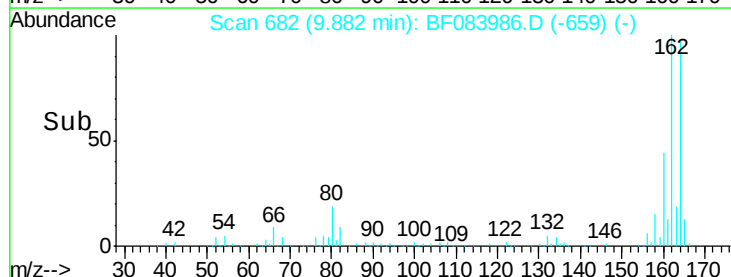
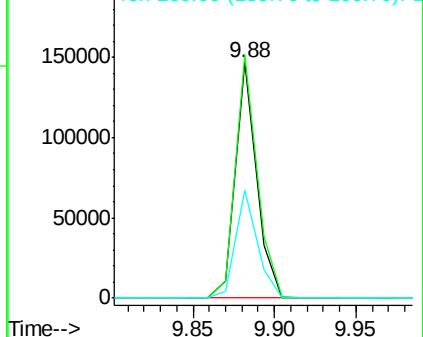
164 100

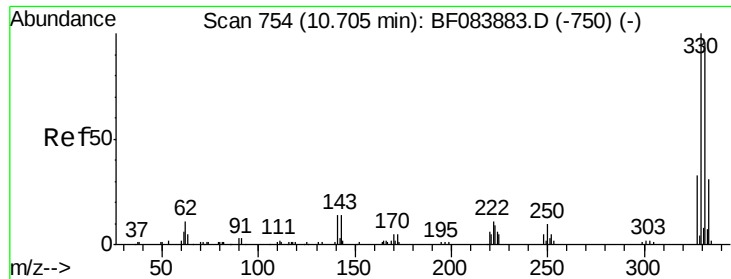
162 103.3 85.1 127.7

160 45.9 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

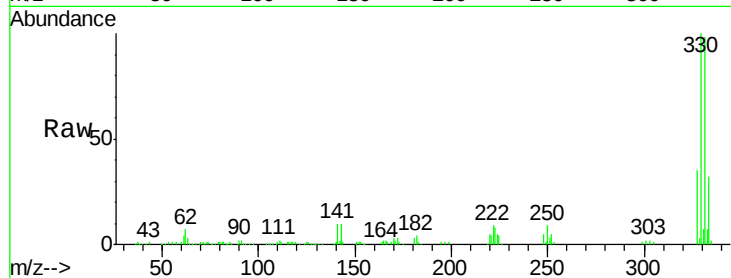




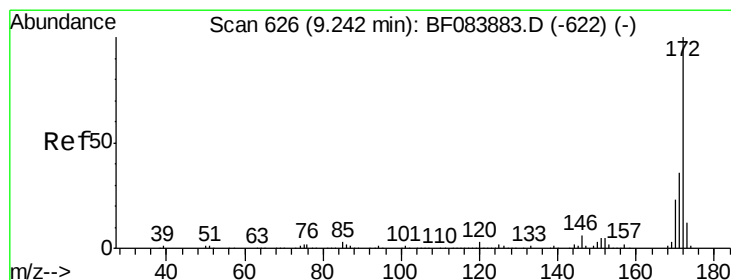
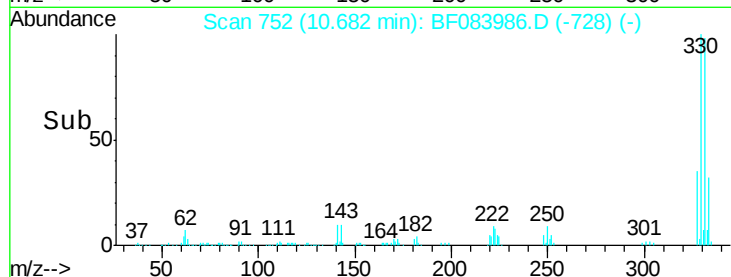
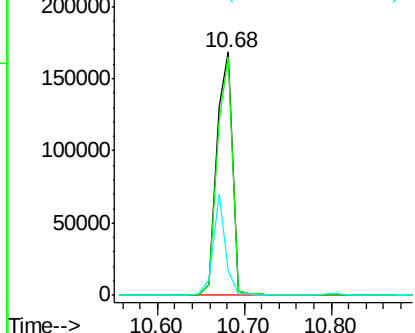
#41
 2,4,6-Tribromophenol
 Concen: 149.67 ng
 RT: 10.68 min Scan# 752
 Delta R.T. -0.02 min
 Lab File: BF083986.D
 Acq: 20 Dec 2015 8:13

Instrument :
 BNA_F
 ClientSampleId :
 STOCKPILE-1(0-2)

Tgt Ion:330 Resp: 216092
 Ion Ratio Lower Upper
 330 100
 332 95.4 76.6 114.8
 141 33.1 27.8 41.6

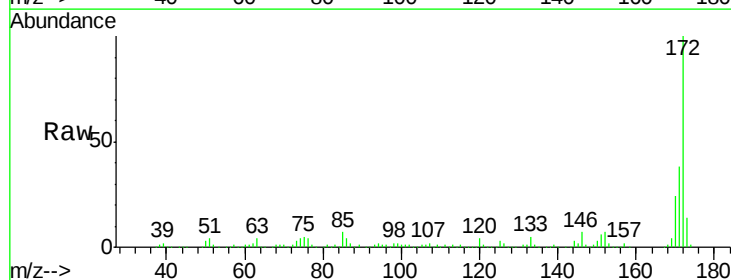


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

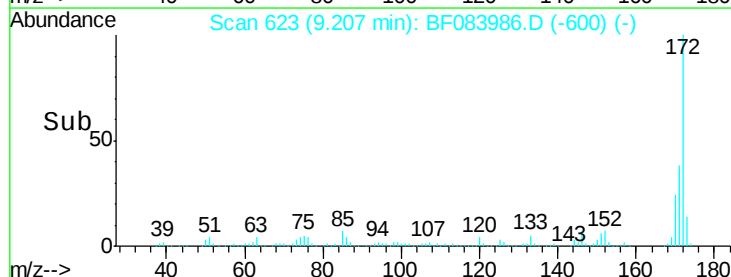
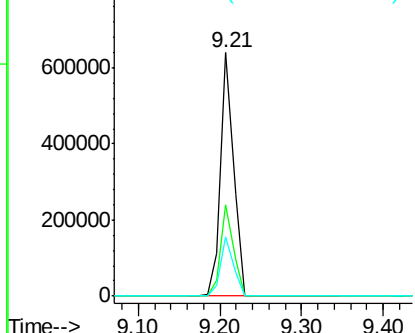


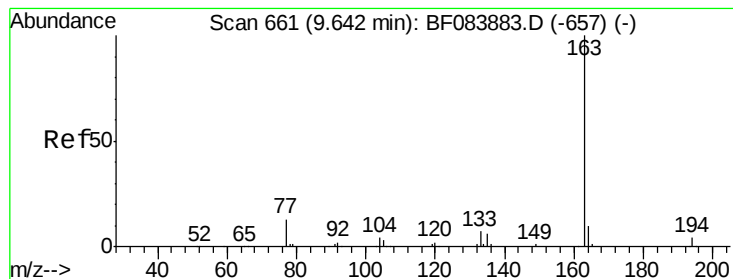
#44
 2-Fluorobiphenyl
 Concen: 74.51 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.03 min
 Lab File: BF083986.D
 Acq: 20 Dec 2015 8:13

Tgt Ion:172 Resp: 709112
 Ion Ratio Lower Upper
 172 100
 171 37.6 28.9 43.3
 170 24.5 18.6 27.8



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





#49

Dimethylphthalate

Concen: 19.54 ng

RT: 9.61 min Scan# 658

Delta R.T. -0.03 min

Lab File: BF083986.D

Acq: 20 Dec 2015 8:13

Instrument :

BNA_F

ClientSampleId :

STOCKPILE-1(0-2)

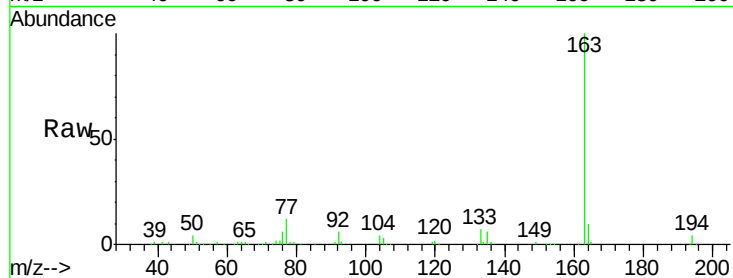
Tgt Ion:163 Resp: 214894

Ion Ratio Lower Upper

163 100

194 3.6 8.0 12.0#

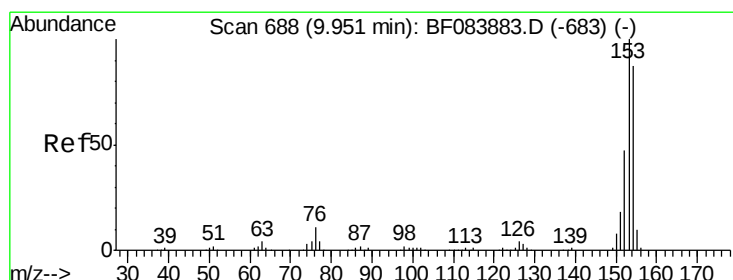
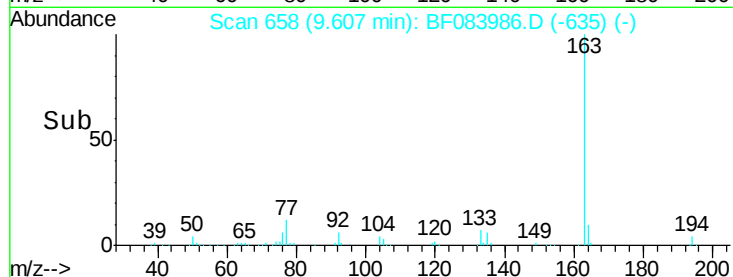
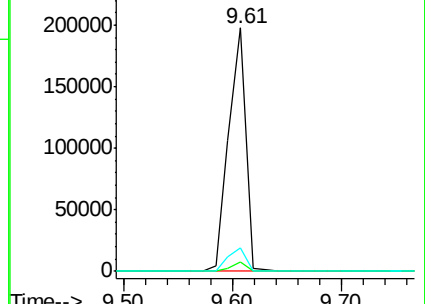
164 9.8 8.0 12.0



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: 3.08 ng

RT: 9.92 min Scan# 685

Delta R.T. -0.03 min

Lab File: BF083986.D

Acq: 20 Dec 2015 8:13

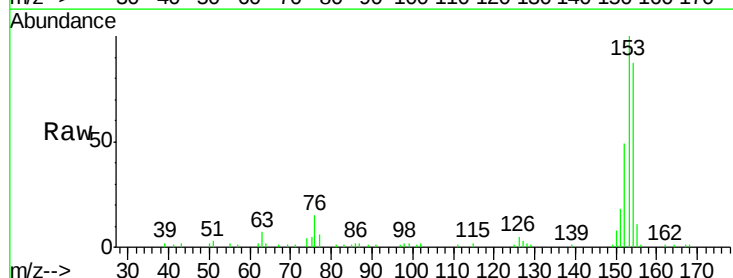
Tgt Ion:154 Resp: 28894

Ion Ratio Lower Upper

154 100

153 114.4 91.5 137.3

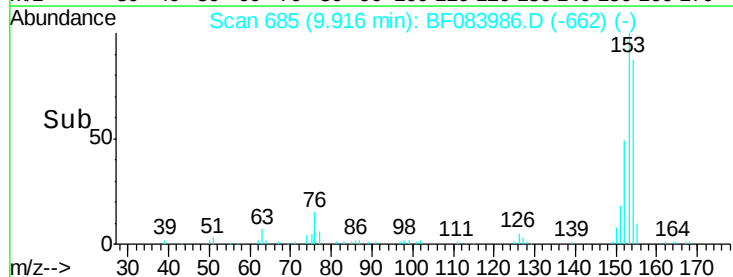
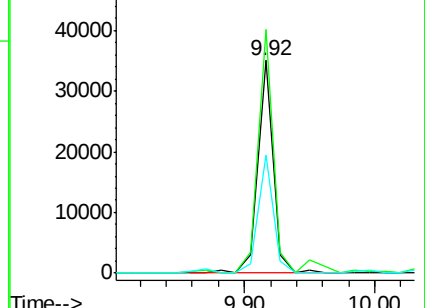
152 55.8 43.0 64.6

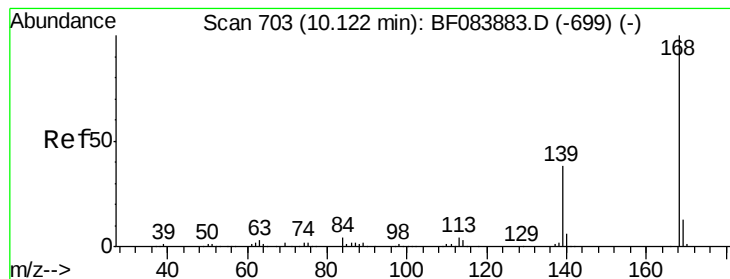


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#54

Dibenzenofuran

Concen: 2.16 ng

RT: 10.09 min Scan# 700

Delta R.T. -0.03 min

Lab File: BF083986.D

Acq: 20 Dec 2015 8:13

Instrument :

BNA_F

ClientSampleId :

STOCKPILE-1(0-2)

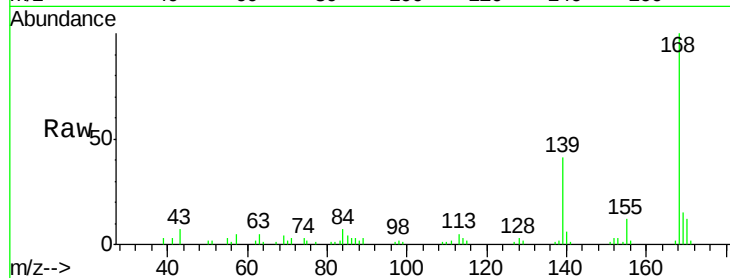
Tgt Ion:168 Resp: 26346

Ion Ratio Lower Upper

168 100

139 40.7 30.5 45.7

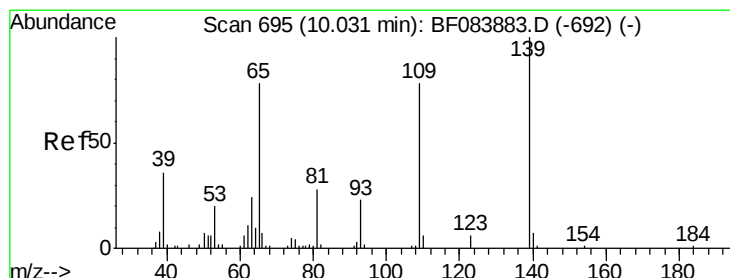
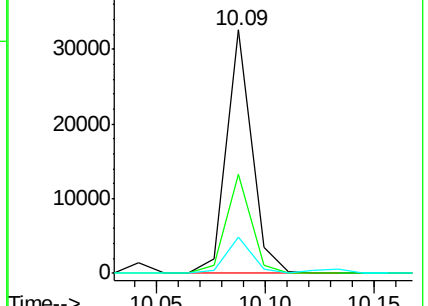
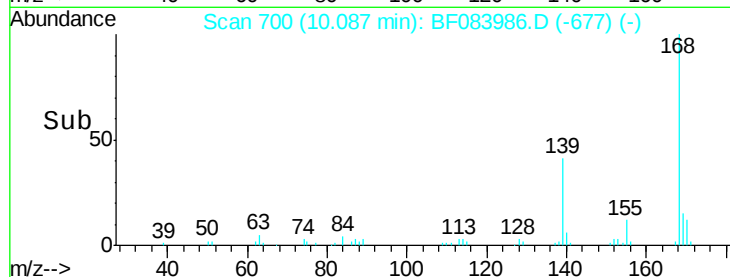
169 15.0 10.4 15.6



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: 6.74 ng

RT: 10.09 min Scan# 700

Delta R.T. 0.06 min

Lab File: BF083986.D

Acq: 20 Dec 2015 8:13

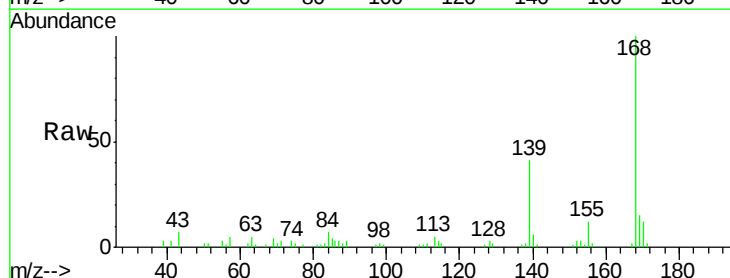
Tgt Ion:139 Resp: 10637

Ion Ratio Lower Upper

139 100

109 3.0 58.5 98.5#

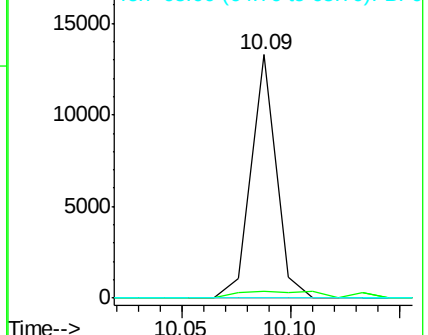
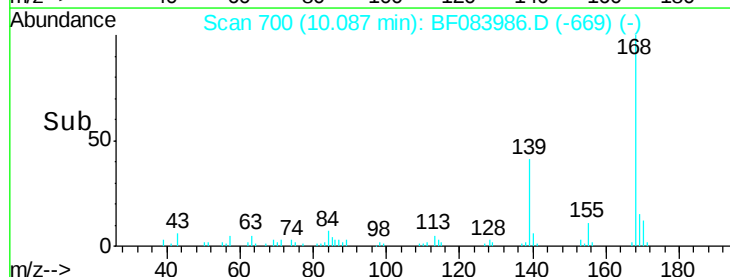
65 0.0 57.6 97.6#

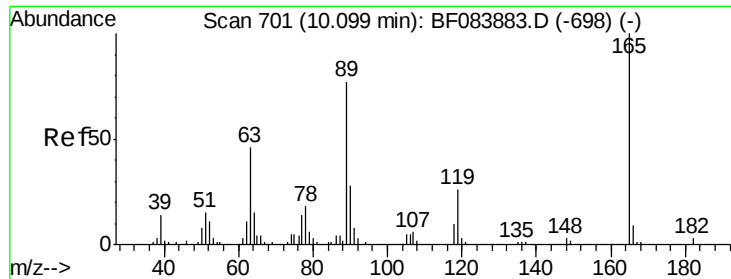


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

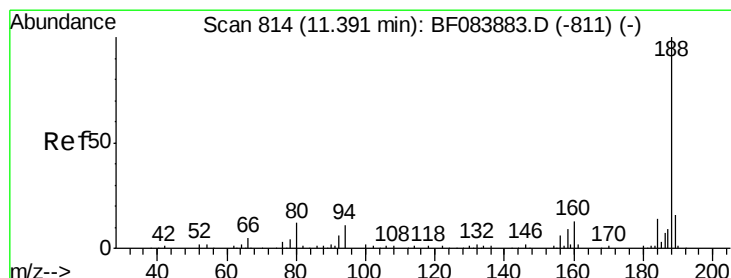
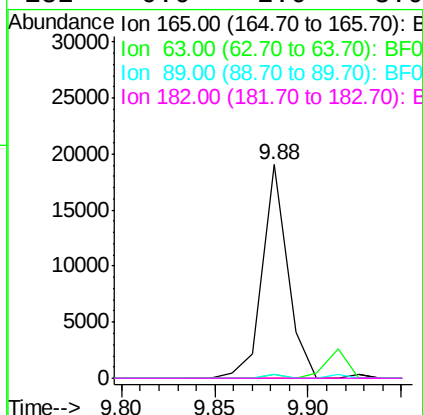
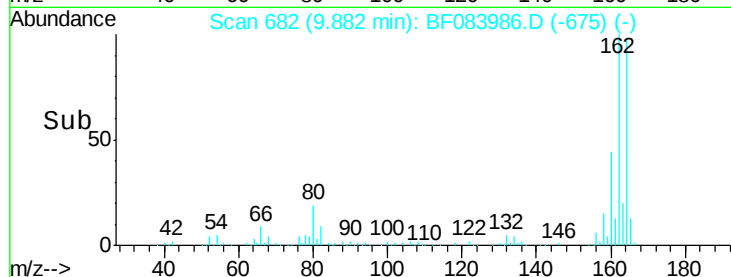
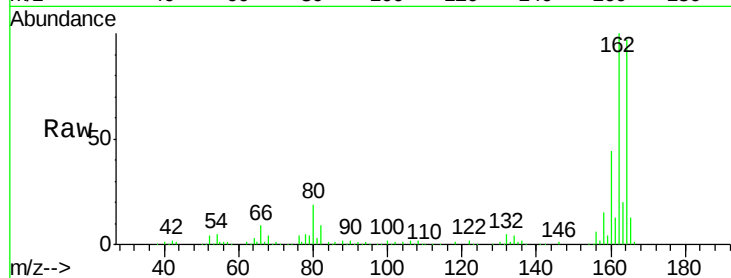




#56
 2,4-Dinitrotoluene
 Concen: 5.75 ng
 RT: 9.88 min Scan# 682
 Delta R.T. -0.22 min
 Lab File: BF083986.D
 Acq: 20 Dec 2015 8:13

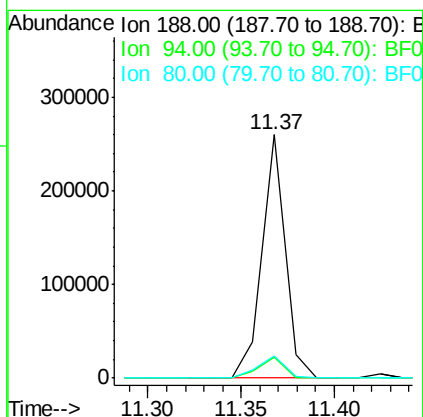
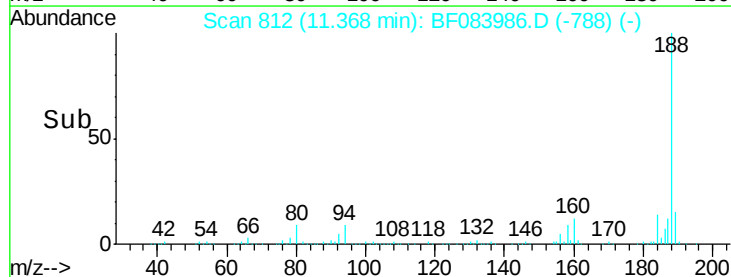
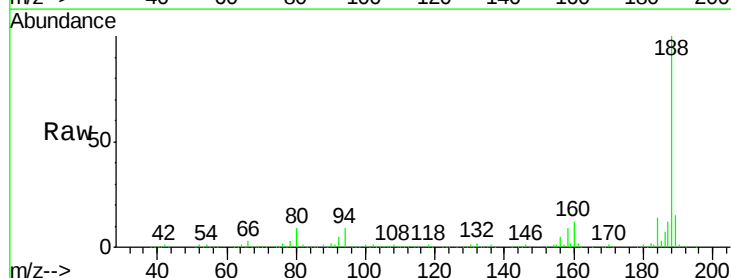
Instrument :
 BNA_F
 ClientSampleId :
 STOCKPILE-1(0-2)

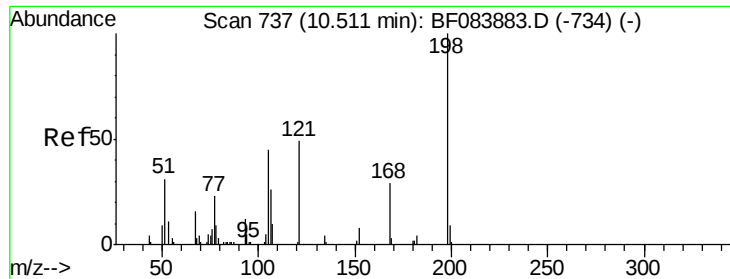
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.8	36.7	55.1#
89	2.1	61.9	92.9#
182	0.0	2.0	3.0#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.37 min Scan# 812
 Delta R.T. -0.02 min
 Lab File: BF083986.D
 Acq: 20 Dec 2015 8:13

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.7	9.0	13.4#
80	9.1	9.6	14.4#

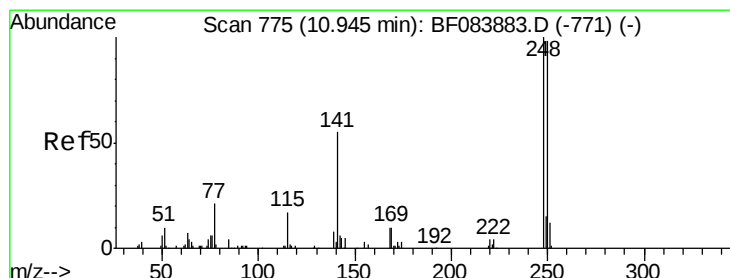
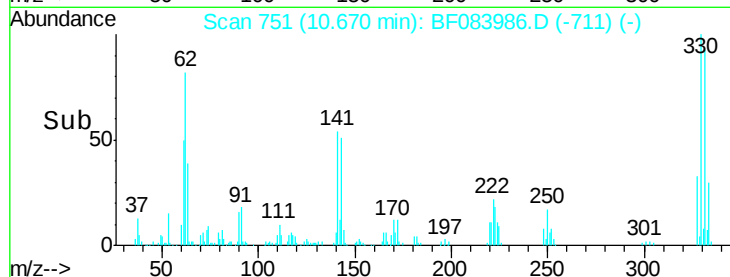
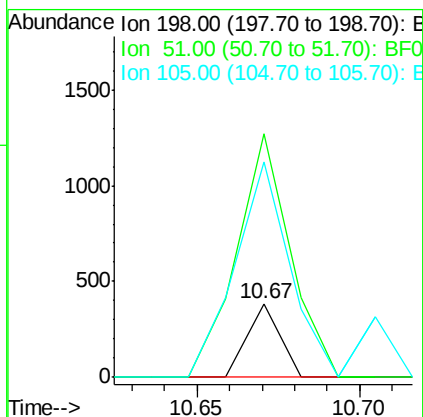
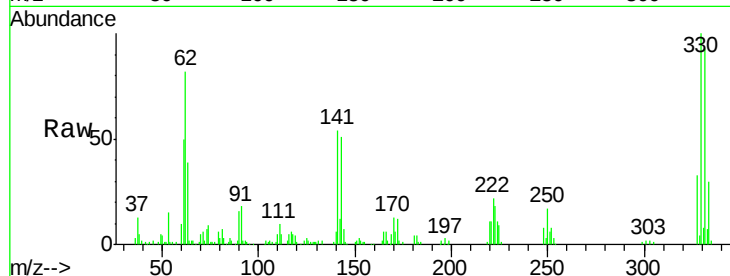




#64
 4,6-Dinitro-2-methylphenol
 Concen: 4.11 ng
 RT: 10.67 min Scan# 751
 Delta R.T. 0.16 min
 Lab File: BF083986.D
 Acq: 20 Dec 2015 8:13

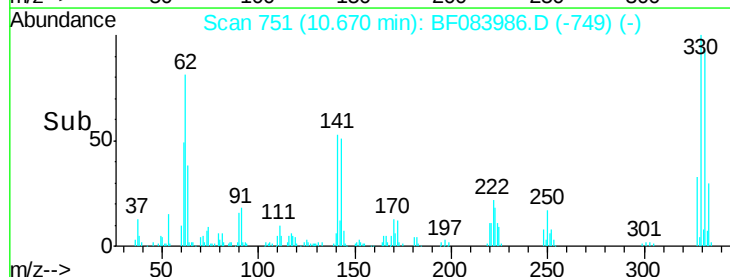
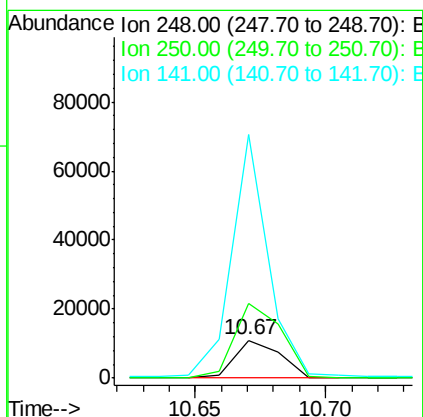
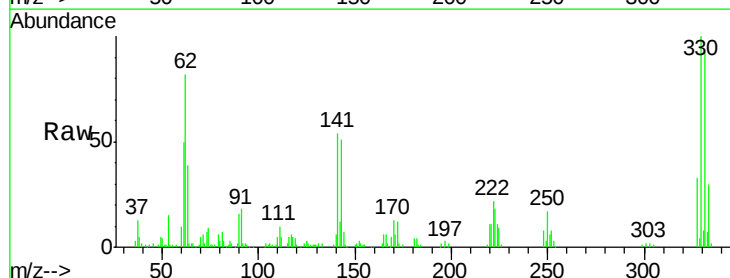
Instrument :
 BNA_F
 ClientSampleId :
 STOCKPILE-1(0-2)

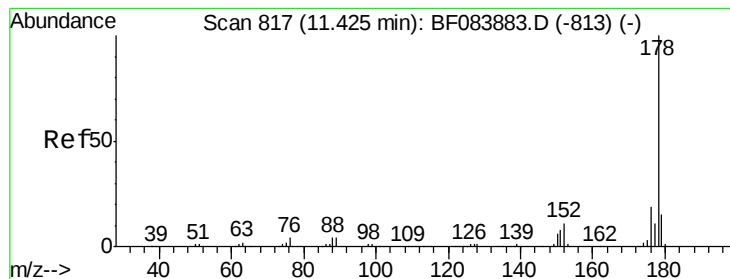
Tgt Ion:198 Resp: 265
 Ion Ratio Lower Upper
 198 100
 51 329.0 18.9 58.9#
 105 290.9 26.4 66.4#



#66
 4-Bromophenyl-phenylether
 Concen: 4.91 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.27 min
 Lab File: BF083986.D
 Acq: 20 Dec 2015 8:13

Tgt Ion:248 Resp: 13392
 Ion Ratio Lower Upper
 248 100
 250 200.2 78.4 117.6#
 141 648.5 44.0 66.0#





#70

Phenanthrene

Concen: 23.81 ng

RT: 11.39 min Scan# 814

Delta R.T. -0.03 min

Lab File: BF083986.D

Acq: 20 Dec 2015 8:13

Instrument :

BNA_F

ClientSampleId :

STOCKPILE-1(0-2)

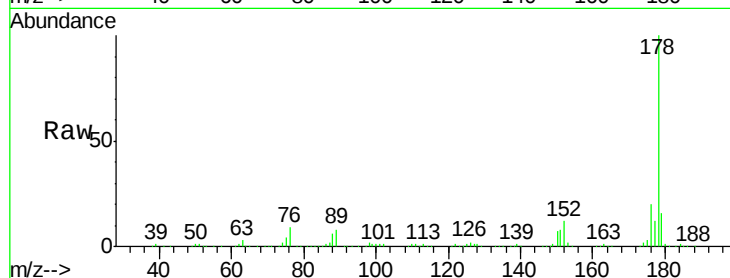
Tgt Ion:178 Resp: 321079

Ion Ratio Lower Upper

178 100

176 19.7 15.3 22.9

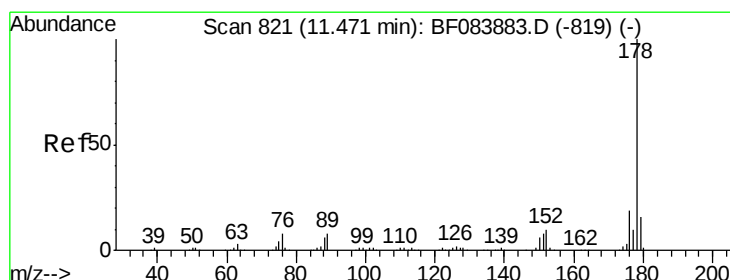
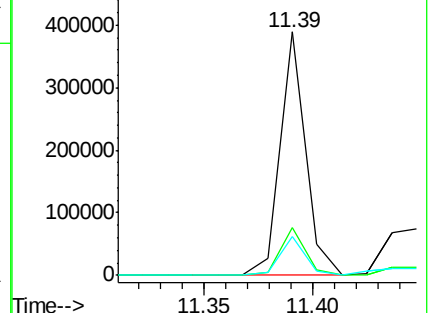
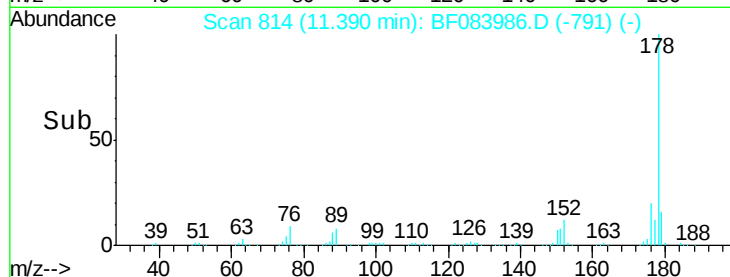
179 15.8 12.0 18.0



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: 8.12 ng

RT: 11.45 min Scan# 819

Delta R.T. -0.02 min

Lab File: BF083986.D

Acq: 20 Dec 2015 8:13

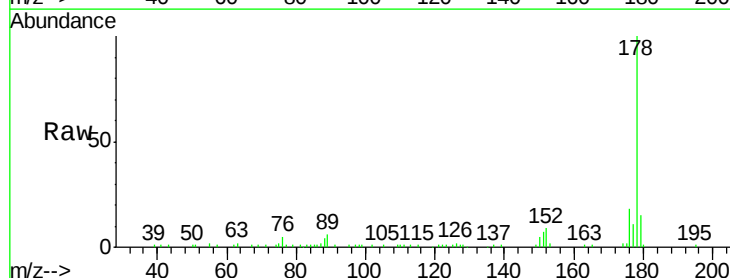
Tgt Ion:178 Resp: 105851

Ion Ratio Lower Upper

178 100

176 17.8 15.4 23.0

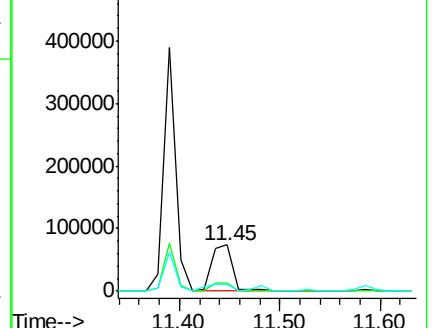
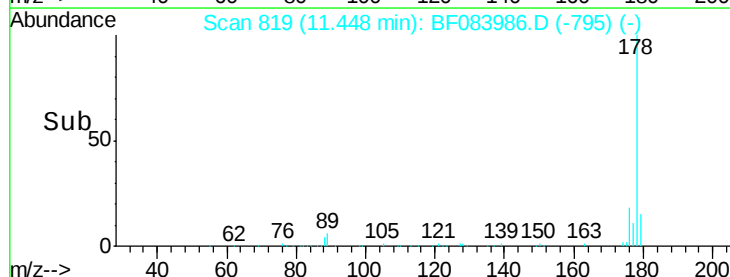
179 15.2 12.5 18.7

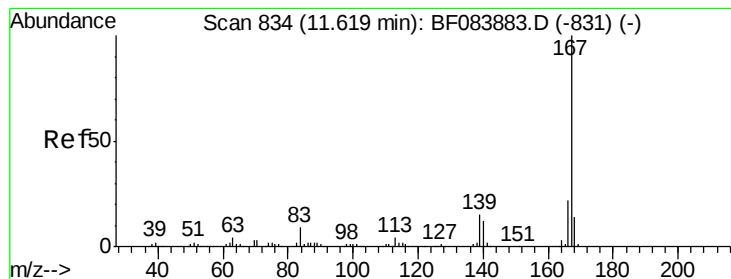


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 3.08 ng

RT: 11.60 min Scan# 832

Delta R.T. -0.02 min

Lab File: BF083986.D

Acq: 20 Dec 2015 8:13

Instrument :

BNA_F

ClientSampleId :

STOCKPILE-1(0-2)

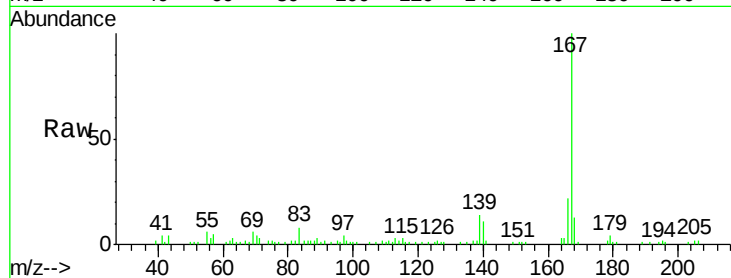
Tgt Ion:167 Resp: 39732

Ion Ratio Lower Upper

167 100

166 21.7 17.6 26.4

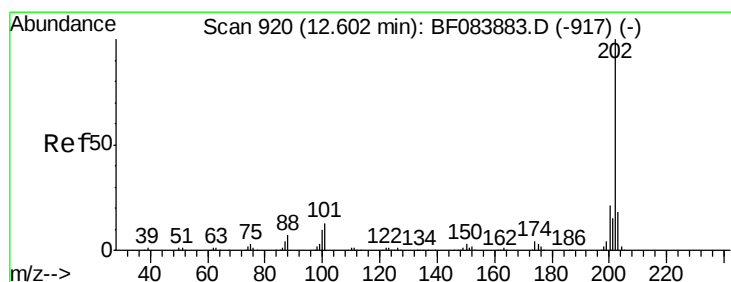
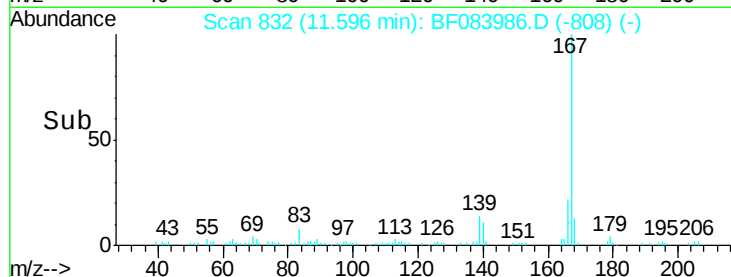
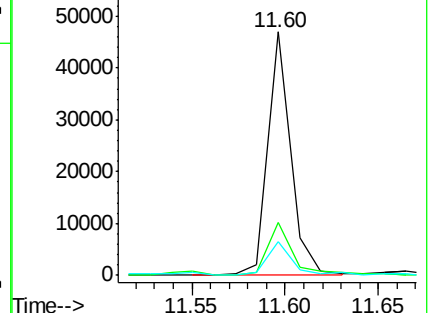
139 13.8 11.8 17.8



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: 35.97 ng

RT: 12.58 min Scan# 918

Delta R.T. -0.02 min

Lab File: BF083986.D

Acq: 20 Dec 2015 8:13

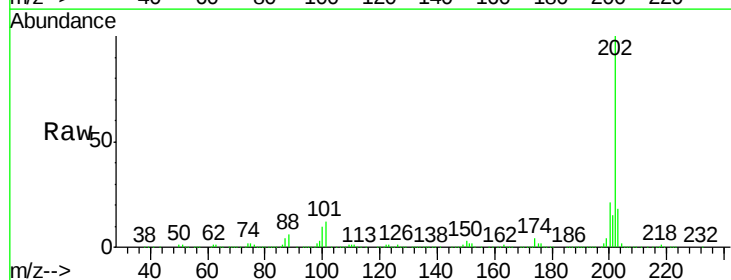
Tgt Ion:202 Resp: 483972

Ion Ratio Lower Upper

202 100

101 12.2 0.0 32.8

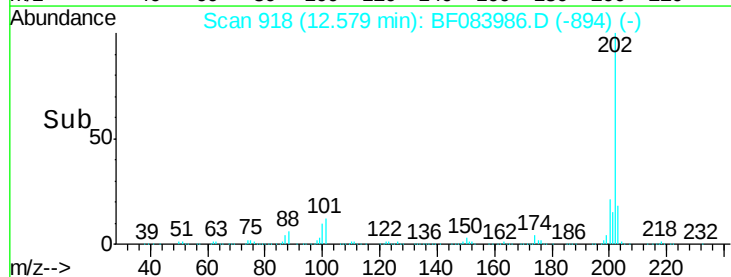
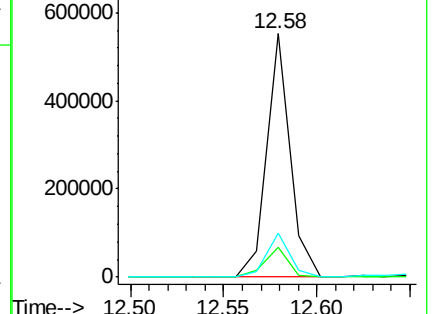
203 18.1 0.0 37.9

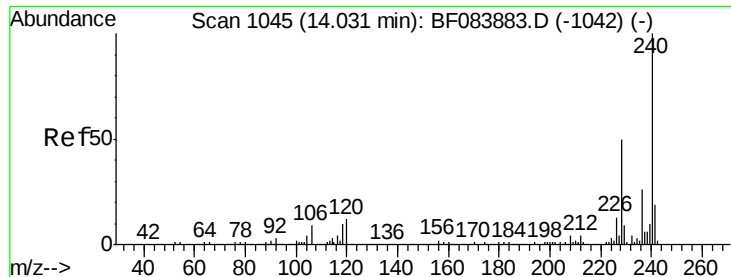


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF083986.D

Acq: 20 Dec 2015 8:13

Instrument :

BNA_F

ClientSampleId :

STOCKPILE-1(0-2)

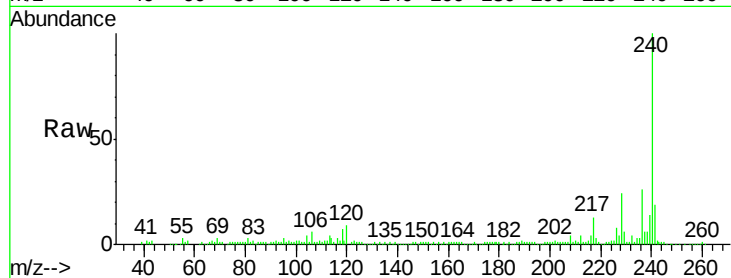
Tgt Ion:240 Resp: 162771

Ion Ratio Lower Upper

240 100

120 9.1 9.5 14.3#

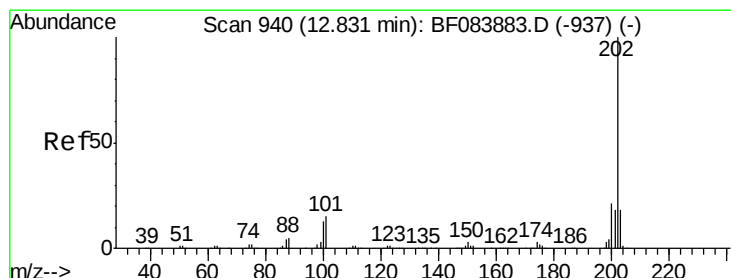
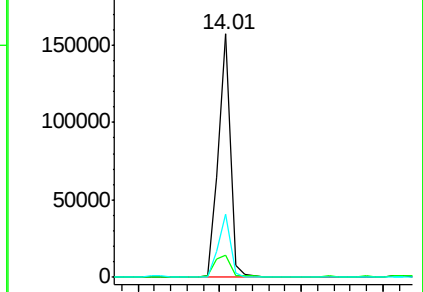
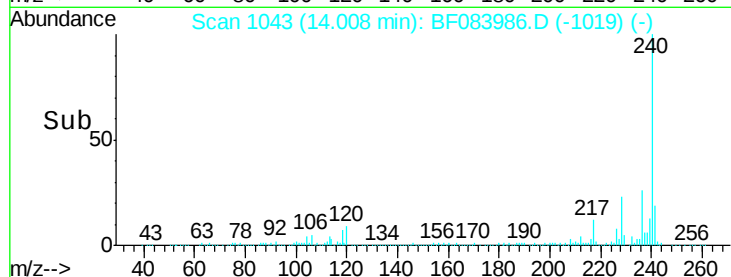
236 26.0 20.6 31.0



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: 44.89 ng

RT: 12.81 min Scan# 938

Delta R.T. -0.02 min

Lab File: BF083986.D

Acq: 20 Dec 2015 8:13

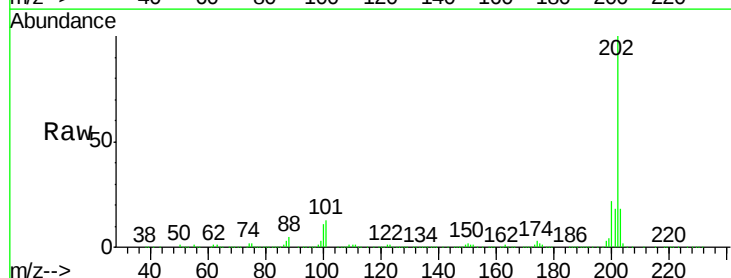
Tgt Ion:202 Resp: 465563

Ion Ratio Lower Upper

202 100

200 21.6 17.2 25.8

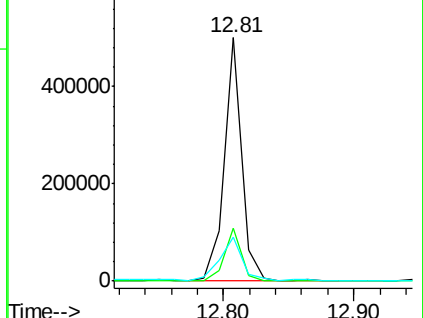
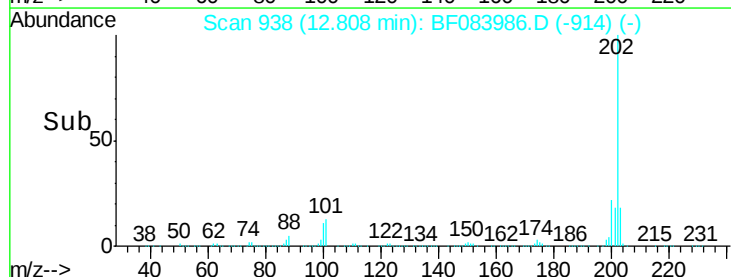
203 17.8 14.3 21.5

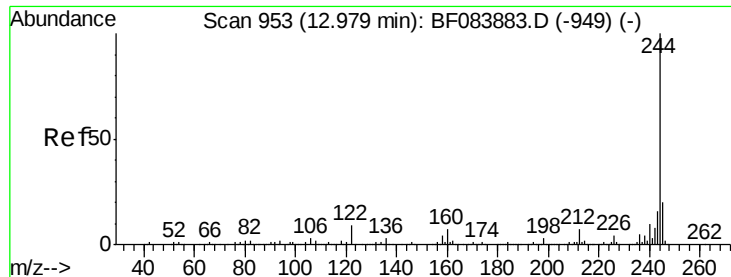


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 115.11 ng

RT: 12.96 min Scan# 951

Delta R.T. -0.02 min

Lab File: BF083986.D

Acq: 20 Dec 2015 8:13

Instrument :

BNA_F

ClientSampleId :

STOCKPILE-1(0-2)

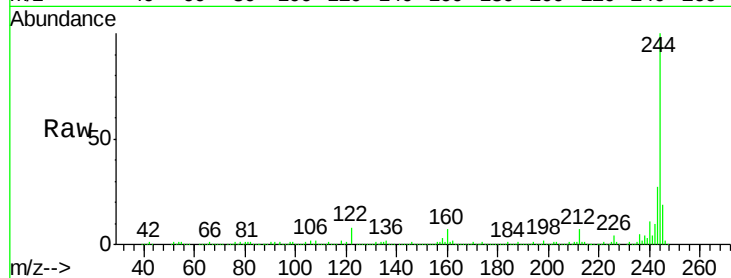
Tgt Ion:244 Resp: 785915

Ion Ratio Lower Upper

244 100

212 7.2 5.7 8.5

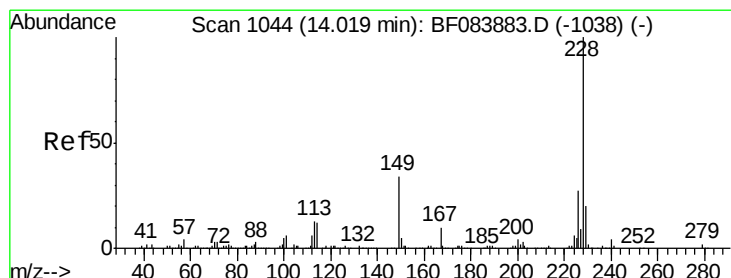
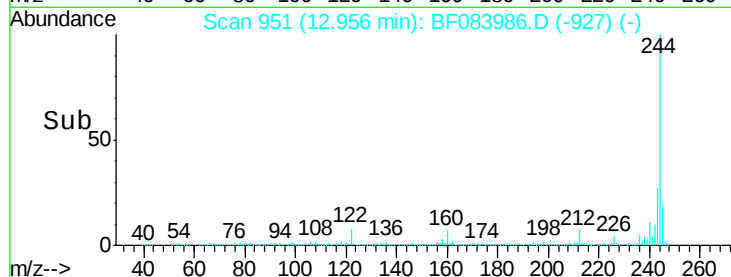
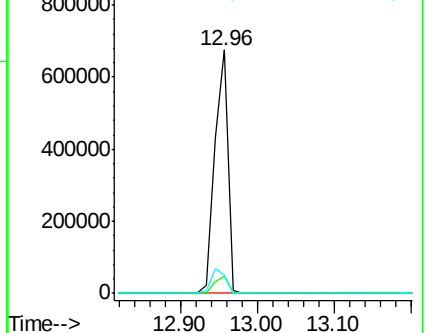
122 7.7 7.4 11.0



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: 22.30 ng

RT: 14.00 min Scan# 1042

Delta R.T. -0.02 min

Lab File: BF083986.D

Acq: 20 Dec 2015 8:13

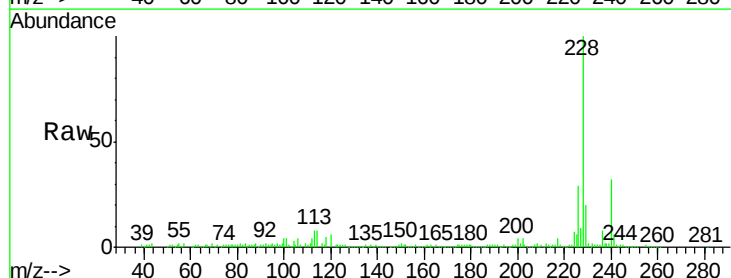
Tgt Ion:228 Resp: 223128

Ion Ratio Lower Upper

228 100

226 28.6 21.8 32.6

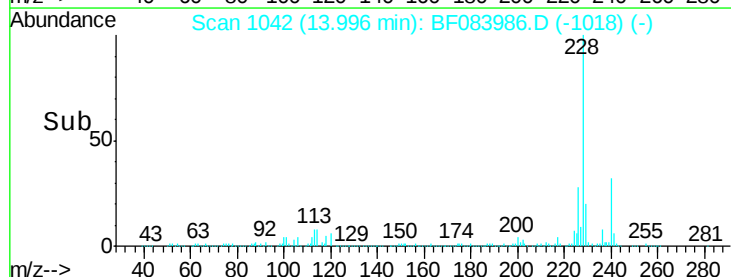
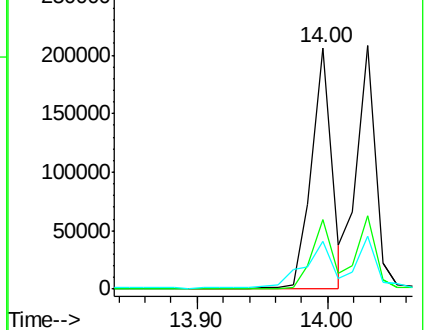
229 20.0 15.8 23.8

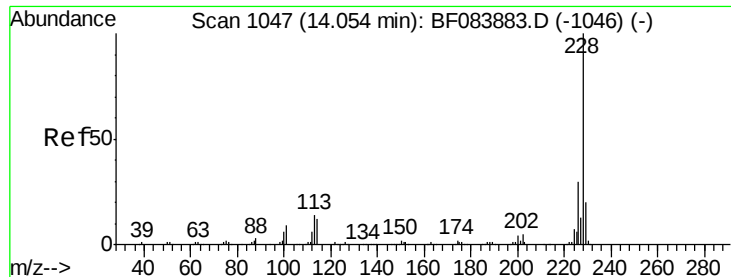


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 23.08 ng

RT: 14.00 min Scan# 1042

Delta R.T. -0.06 min

Lab File: BF083986.D

Acq: 20 Dec 2015 8:13

Instrument :

BNA_F

ClientSampleId :

STOCKPILE-1(0-2)

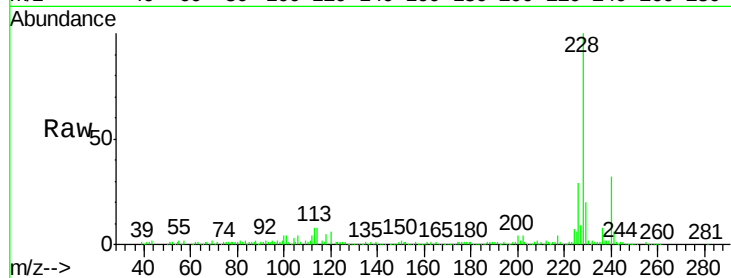
Tgt Ion:228 Resp: 223128

Ion Ratio Lower Upper

228 100

226 28.6 24.3 36.5

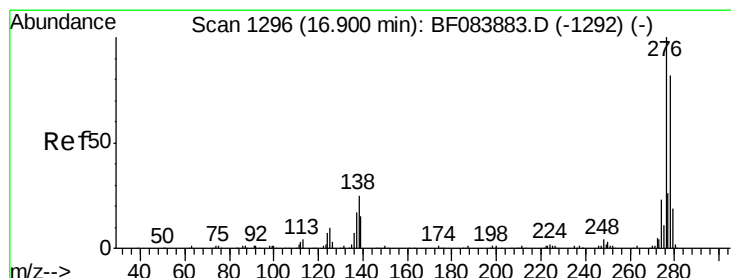
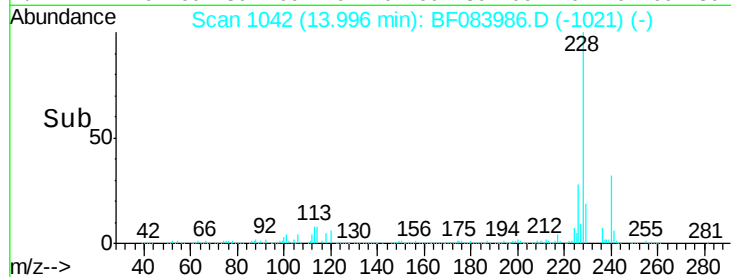
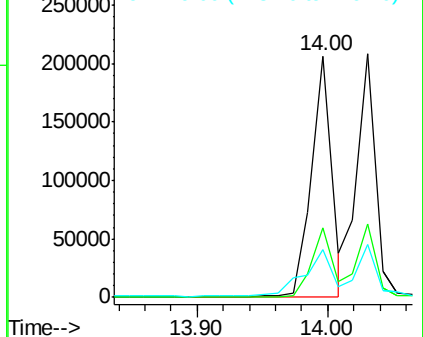
229 20.0 16.1 24.1



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: 11.77 ng

RT: 16.85 min Scan# 1292

Delta R.T. -0.05 min

Lab File: BF083986.D

Acq: 20 Dec 2015 8:13

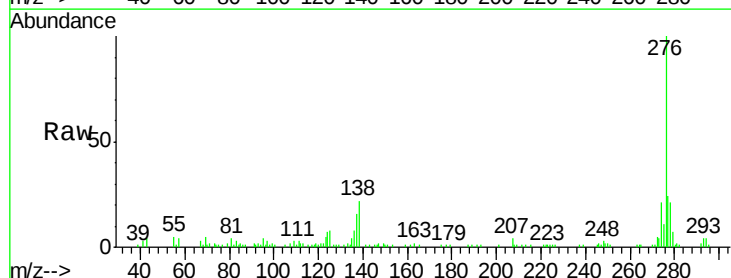
Tgt Ion:276 Resp: 85096

Ion Ratio Lower Upper

276 100

138 22.0 20.6 30.8

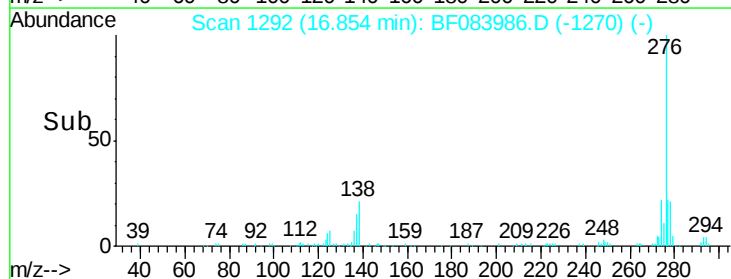
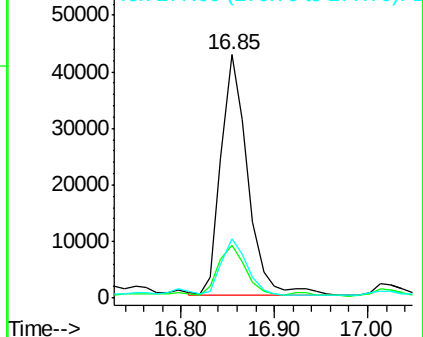
277 23.1 20.1 30.1

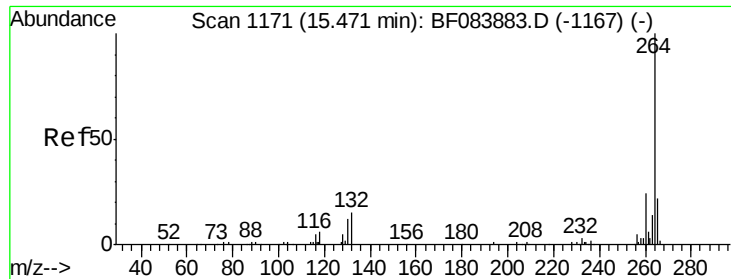


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

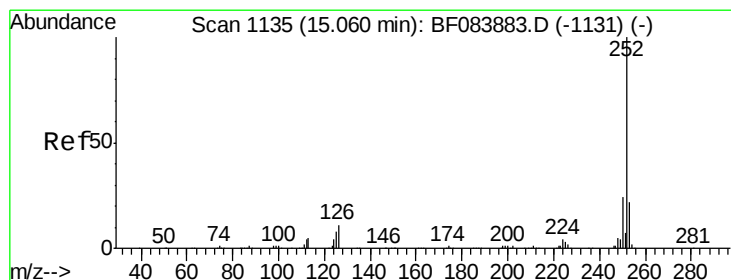
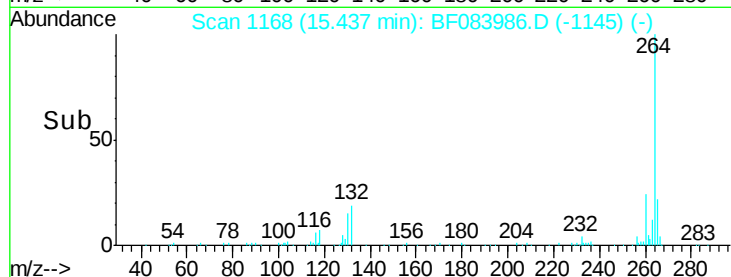
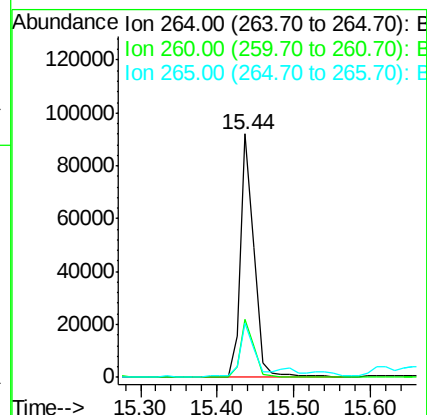
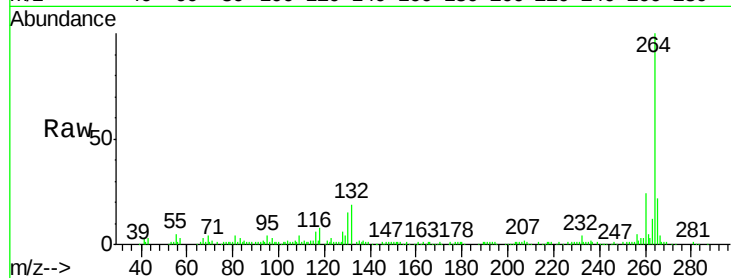




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 1168
Delta R.T. -0.03 min
Lab File: BF083986.D
Acq: 20 Dec 2015 8:13

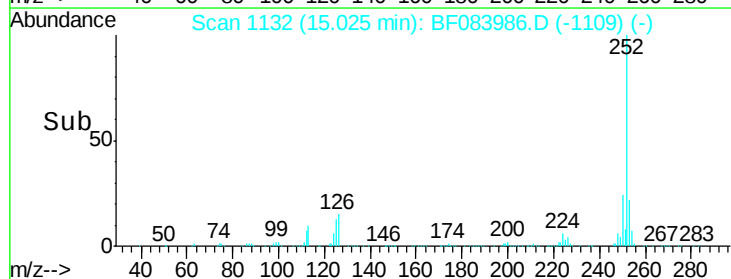
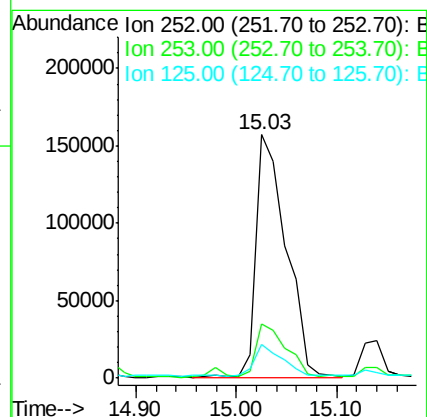
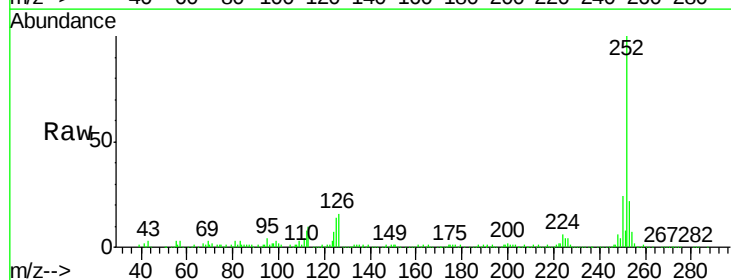
Instrument :
BNA_F
ClientSampleId :
STOCKPILE-1(0-2)

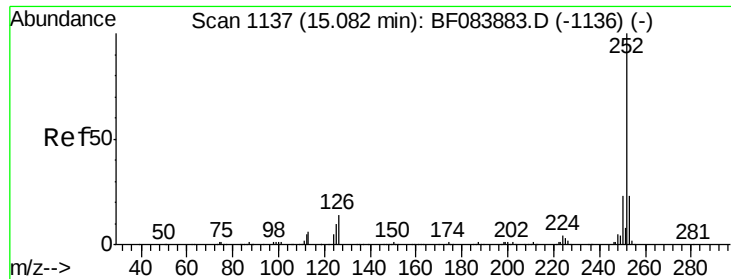
Tgt Ion:264 Resp: 116481
Ion Ratio Lower Upper
264 100
260 24.1 19.4 29.2
265 22.2 17.8 26.6



#87
Benzo(b)fluoranthene
Concen: 38.17 ng
RT: 15.03 min Scan# 1132
Delta R.T. -0.03 min
Lab File: BF083986.D
Acq: 20 Dec 2015 8:13

Tgt Ion:252 Resp: 324158
Ion Ratio Lower Upper
252 100
253 22.5 17.3 25.9
125 13.9 6.5 9.7#





#88

Benzo(k)fluoranthene

Concen: 46.27 ng

RT: 15.03 min Scan# 1132

Delta R.T. -0.06 min

Lab File: BF083986.D

Acq: 20 Dec 2015 8:13

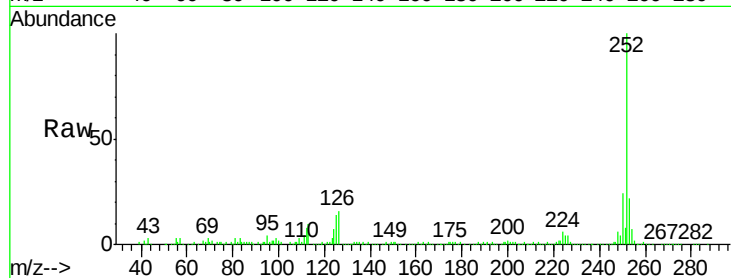
Instrument :

BNA_F

ClientSampleId :

STOCKPILE-1(0-2)

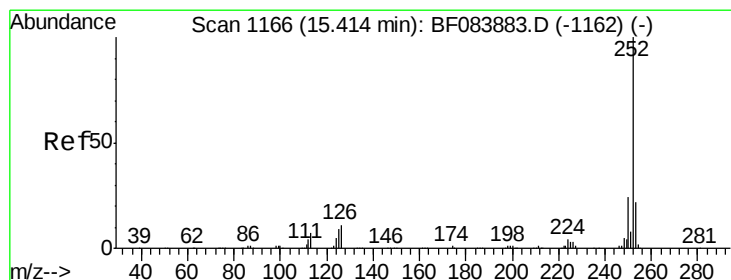
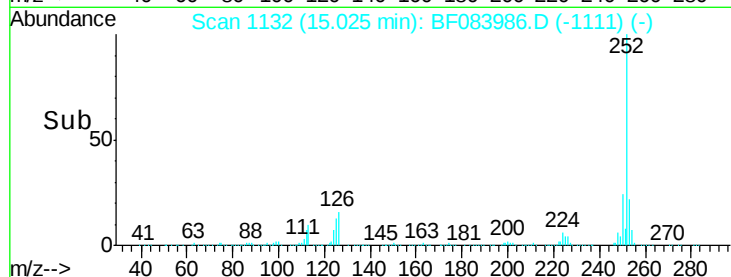
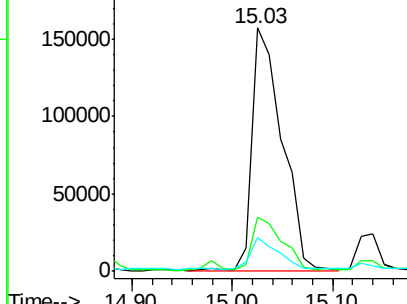
Tgt Ion:	252	Resp:	324158
Ion Ratio	Lower	Upper	
252	100		
253	22.5	18.1	27.1
125	13.9	9.0	13.6#



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: 17.34 ng

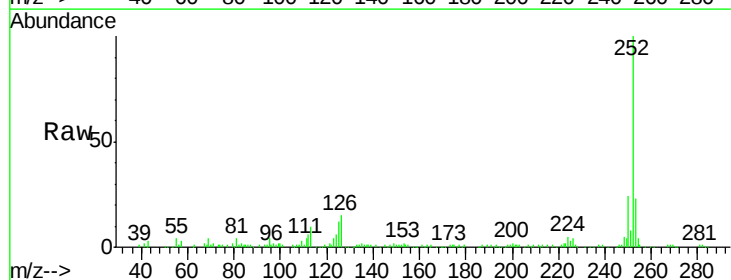
RT: 15.38 min Scan# 1163

Delta R.T. -0.03 min

Lab File: BF083986.D

Acq: 20 Dec 2015 8:13

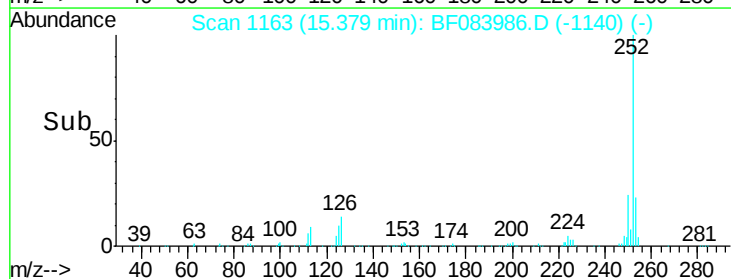
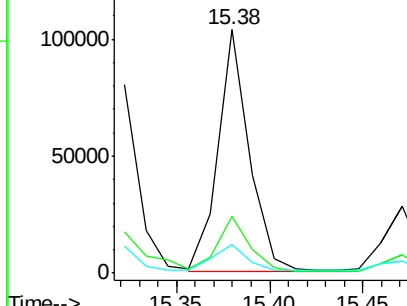
Tgt Ion:	252	Resp:	121600
Ion Ratio	Lower	Upper	
252	100		
253	23.2	17.3	25.9
125	11.6	7.0	10.4#

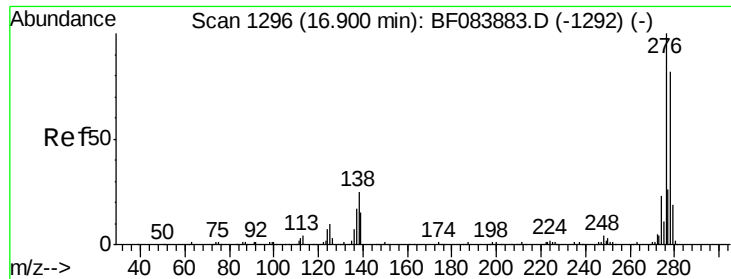


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Dibenzo(a,h)anthracene

Concen: 4.32 ng

RT: 16.85 min Scan# 1292

Delta R.T. -0.05 min

Lab File: BF083986.D

Acq: 20 Dec 2015 8:13

Instrument :

BNA_F

ClientSampleId :

STOCKPILE-1(0-2)

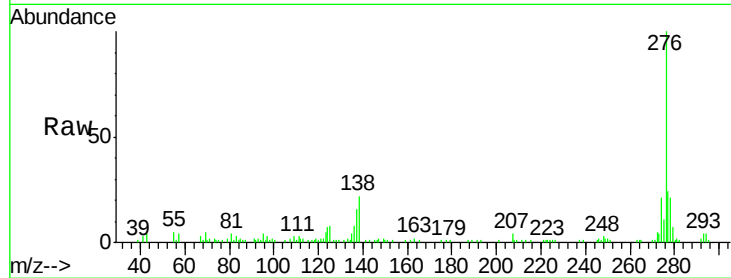
Tgt Ion:278 Resp: 23549

Ion Ratio Lower Upper

278 100

139 0.0 15.0 22.4#

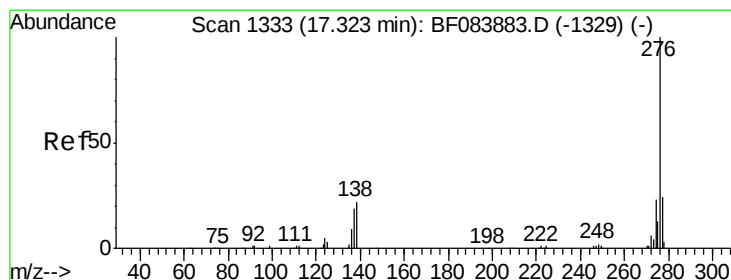
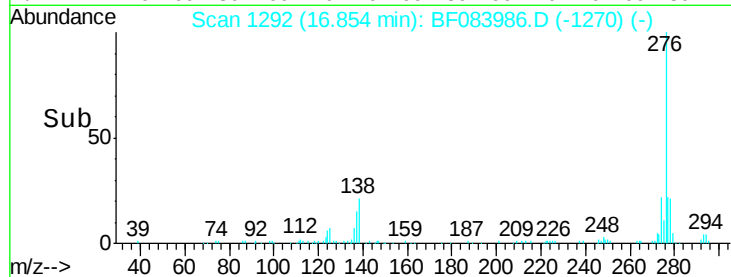
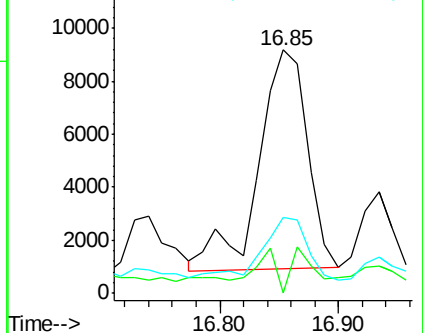
279 31.1 18.9 28.3#



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: 15.36 ng

RT: 17.28 min Scan# 1329

Delta R.T. -0.05 min

Lab File: BF083986.D

Acq: 20 Dec 2015 8:13

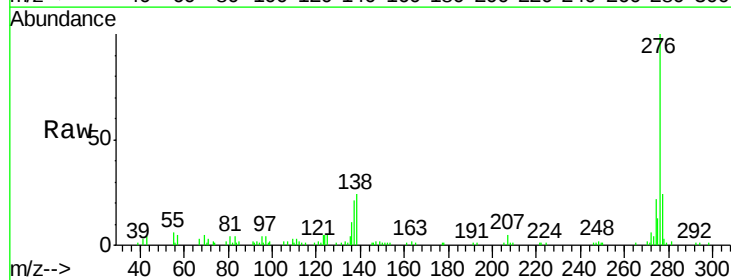
Tgt Ion:276 Resp: 82148

Ion Ratio Lower Upper

276 100

277 23.9 18.8 28.2

138 24.1 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

