

Data Path : Z:\HPCHEM1\BNA F\Data\BF120115\
 Data File : BF083411.D
 Acq On : 2 Dec 2015 10:49
 Operator : UM/IZ
 Sample : G4567-05RE 2X
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 STOCKPILE-GRAB1

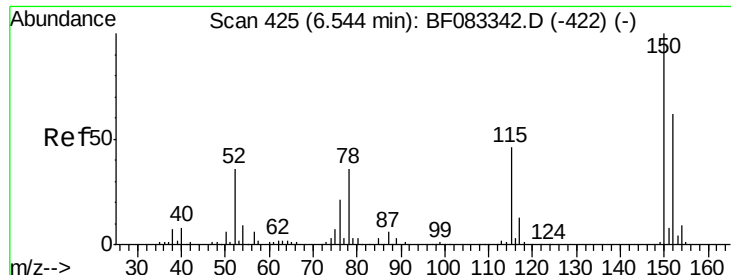
Quant Time: Dec 02 11:20:12 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 01 01:17:16 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.54	152	143848	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	525310	20.00	ng	0.00
38) Acenaphthene-d10	9.58	164	224240	20.00	ng	0.00
63) Phenanthrene-d10	11.17	188	336680	20.00	ng	0.05
75) Chrysene-d12	14.95	240	261932	20.00	ng	0.18
86) Perylene-d12	16.95	264	190398	20.00	ng	0.13

System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	84739	8.84	ng	0.01
7) Phenol-d6	6.22	99	130258	9.93	ng	0.00
23) Nitrobenzene-d5	7.12	82	78027	6.53	ng	-0.01
41) 2,4,6-Tribromophenol	10.40	330	17949	7.97	ng	0.01
44) 2-Fluorobiphenyl	8.92	172	107968	6.86	ng	0.00
78) Terphenyl-d14	13.35	244	73440	6.69	ng	0.13

Target Compounds				Qvalue		
31) Naphthalene	7.86	128	101746	3.57	ng	98
32) Benzoic acid	7.65	122	18779	3.12	ng	91
37) 2-Methylnaphthalene	8.65	142	66979	3.52	ng	95
48) Acenaphthylene	9.45	152	165114	6.91	ng	# 95
50) 2,6-Dinitrotoluene	9.37	165	11566	2.97	ng	# 88
51) Acenaphthene	9.62	154	53756	3.82	ng	94
52) 3-Nitroaniline	9.54	138	13956	3.06	ng	# 16
53) 2,4-Dinitrophenol	9.88	184	9084	5.92	ng	94
57) Fluorene	10.14	166	90577	5.57	ng	# 55
61) 4-Nitroaniline	10.05	138	26675	5.84	ng	81
64) 4,6-Dinitro-2-methylphenol	10.16	198	7044	3.12	ng	# 1
65) n-Nitrosodiphenylamine	10.52	169	97798	8.27	ng	93
68) Atrazine	10.86	200	11728	3.58	ng	# 1
69) Pentachlorophenol	10.99	266	5757	2.70	ng	# 35
70) Phenanthrene	11.20	178	692329	34.75	ng	# 74
71) Anthracene	11.20	178	692329	34.52	ng	# 75
73) Di-n-butylphthalate	11.86	149	88042	4.12	ng	# 27
74) Fluoranthene	12.76	202	264942	12.83	ng	# 50
77) Pyrene	13.11	202	275793	15.08	ng	# 56
80) Benzo(a)anthracene	14.98	228	248003	15.45	ng	# 56
82) Chrysene	14.98	228	248003	16.00	ng	# 61
83) Bis(2-ethylhexyl)phthalate	15.03	149	29431	2.83	ng	# 50
85) Indeno(1,2,3-cd)pyrene	18.31	276	29132	2.58	ng	96
87) Benzo(b)fluoranthene	16.45	252	92008	7.53	ng	# 1
88) Benzo(k)fluoranthene	16.45	252	92008	7.98	ng	# 1
89) Benzo(a)pyrene	16.88	252	34695	3.31	ng	# 1
91) Benzo(g,h,i)perylene	18.69	276	35853	4.00	ng	# 39

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.54 min Scan# 425

Delta R.T. 0.00 min

Lab File: BF083411.D

Acq: 2 Dec 2015 10:49

Instrument :

BNA_F

ClientSampleId :

STOCKPILE-GRAB1

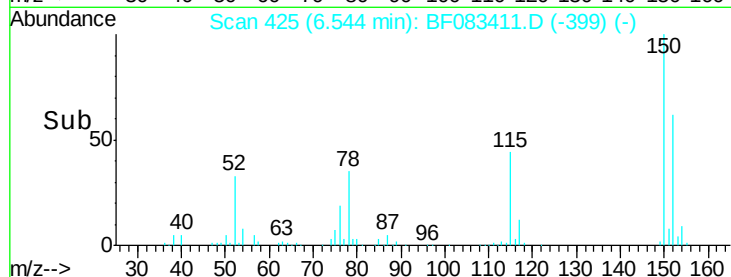
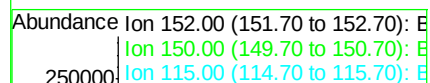
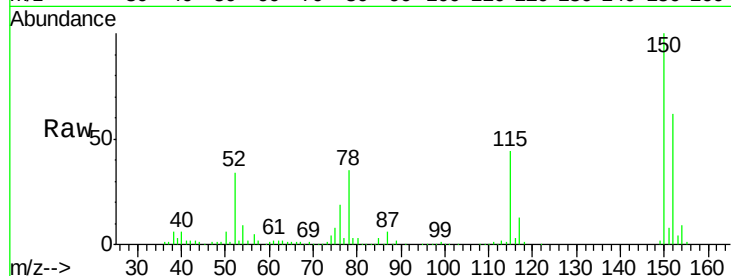
Tot Ion:152 Resp: 143848

Ion Ratio Lower Upper

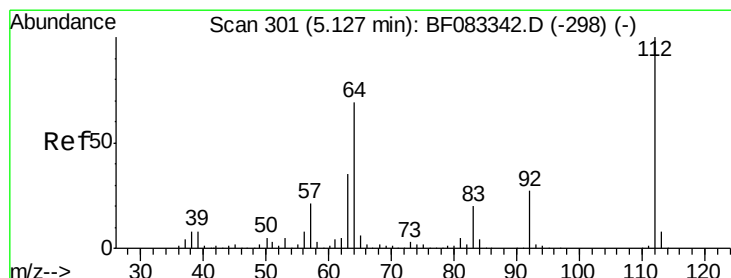
152 100

150 160.8 129.8 194.8

115 70.5 59.2 88.8



Time-->



#5

2-Fluorophenol

Concen: 8.84 ng

RT: 5.14 min Scan# 302

Delta R.T. 0.01 min

Lab File: BF083411.D

Acq: 2 Dec 2015 10:49

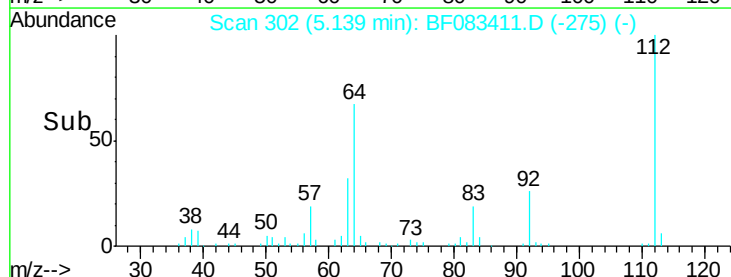
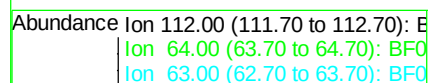
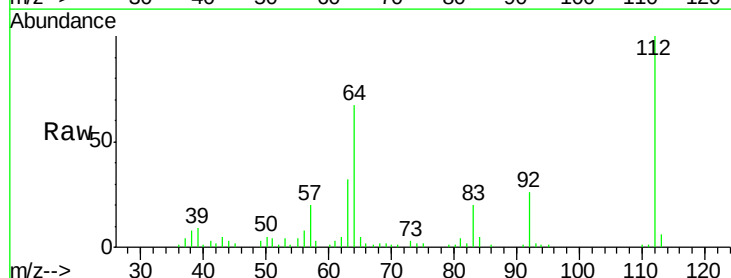
Tgt Ion:112 Resp: 84739

Ion Ratio Lower Upper

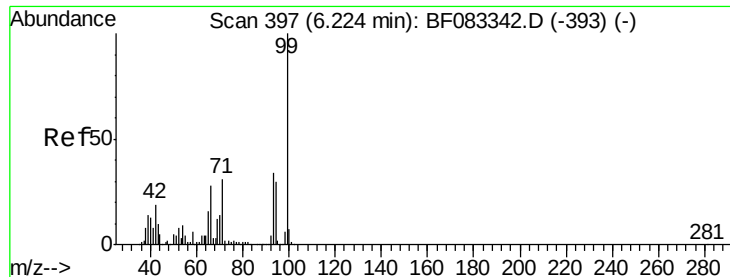
112 100

64 66.8 55.6 83.4

63 31.5 28.2 42.2



Time-->



#7

Phenol-d6

Concen: 9.93 ng

RT: 6.22 min Scan# 397

Delta R.T. 0.00 min

Lab File: BF083411.D

Acq: 2 Dec 2015 10:49

Instrument :

BNA_F

ClientSampleId :

STOCKPILE-GRAB1

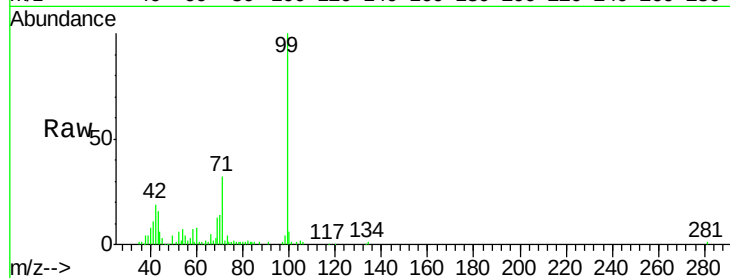
Tot Ion: 99 Resp: 130258

Ion Ratio Lower Upper

99 100

42 19.1 14.9 22.3

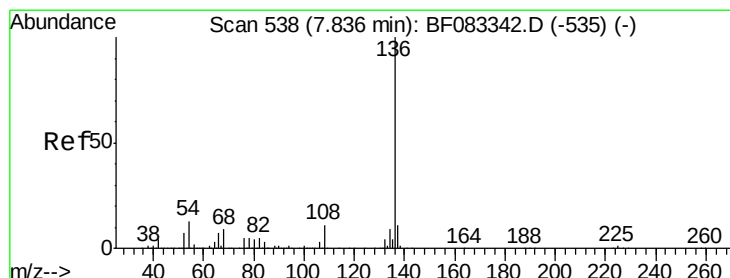
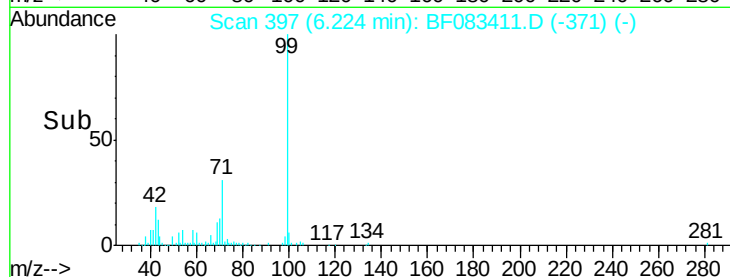
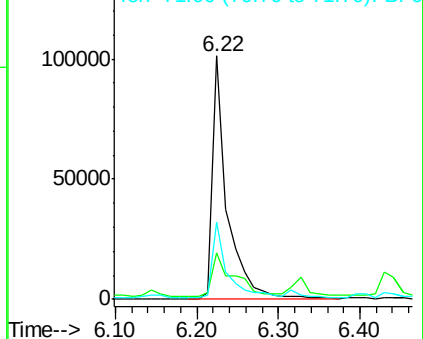
71 31.5 24.7 37.1



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.84 min Scan# 538

Delta R.T. -0.00 min

Lab File: BF083411.D

Acq: 2 Dec 2015 10:49

Tgt Ion: 136 Resp: 525310

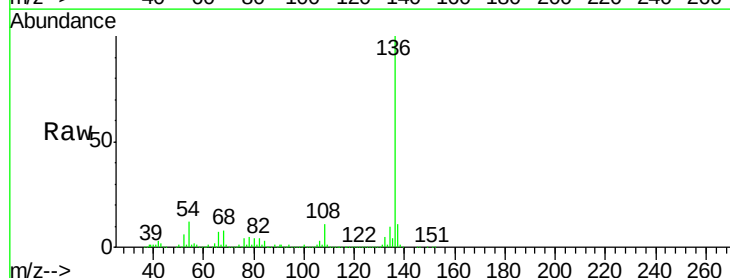
Ion Ratio Lower Upper

136 100

137 11.4 9.0 13.4

54 11.8 10.1 15.1

68 8.0 7.1 10.7

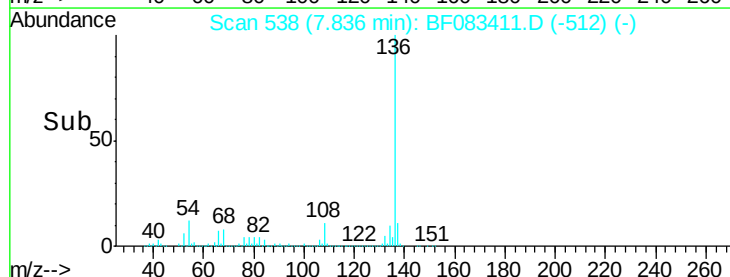
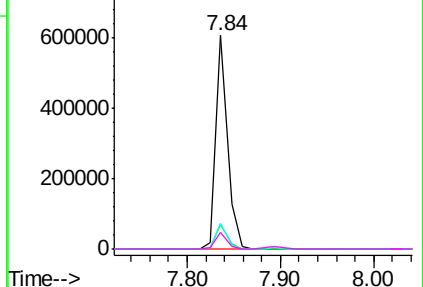


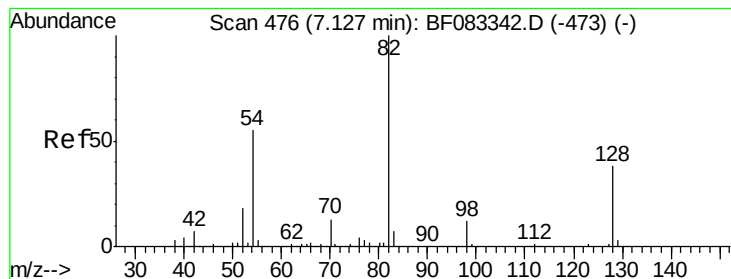
Abundance Ion 136.00 (135.70 to 136.70): E

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: 6.53 ng

RT: 7.12 min Scan# 475

Delta R.T. -0.01 min

Lab File: BF083411.D

Acq: 2 Dec 2015 10:49

Instrument :

BNA_F

ClientSampleId :

STOCKPILE-GRAB1

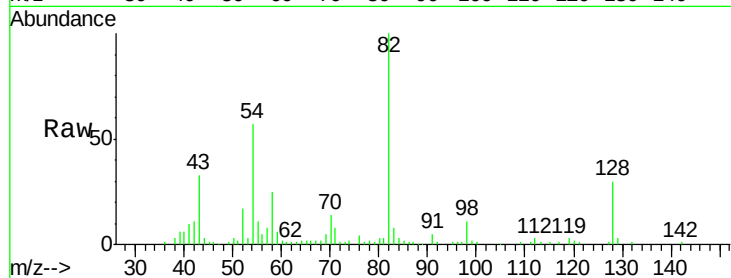
Tot Ion: 82 Resp: 78027

Ion Ratio Lower Upper

82 100

128 30.1 30.6 46.0#

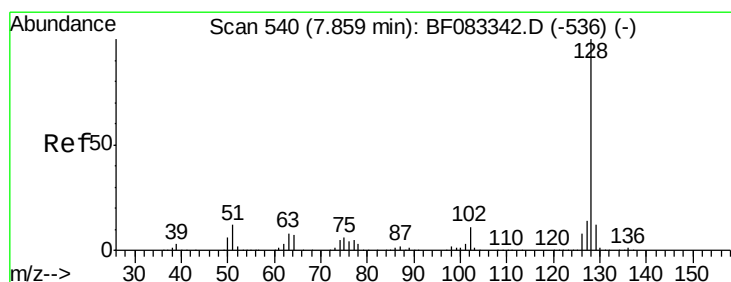
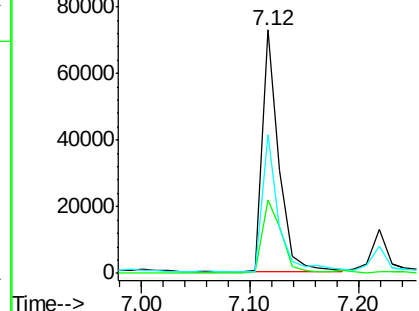
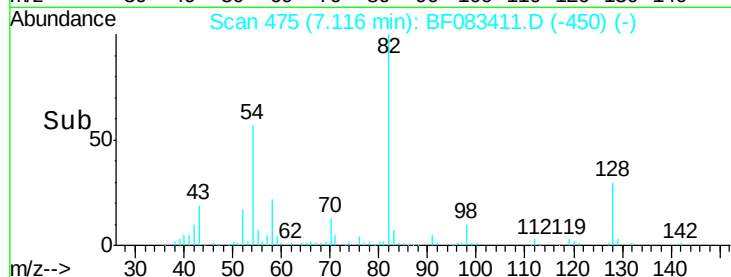
54 57.2 43.8 65.6



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



#31

Naphthalene

Concen: 3.57 ng

RT: 7.86 min Scan# 540

Delta R.T. 0.00 min

Lab File: BF083411.D

Acq: 2 Dec 2015 10:49

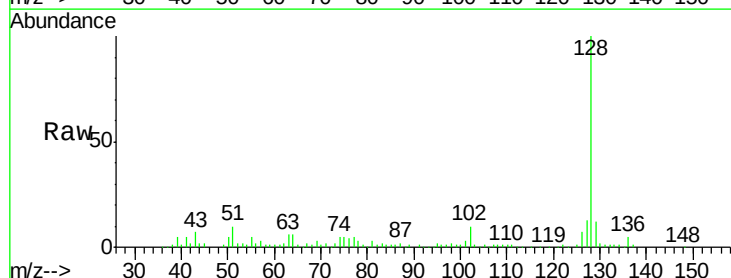
Tgt Ion: 128 Resp: 101746

Ion Ratio Lower Upper

128 100

129 11.6 9.7 14.5

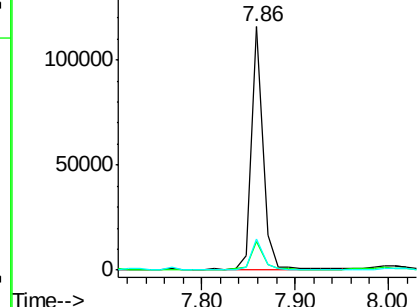
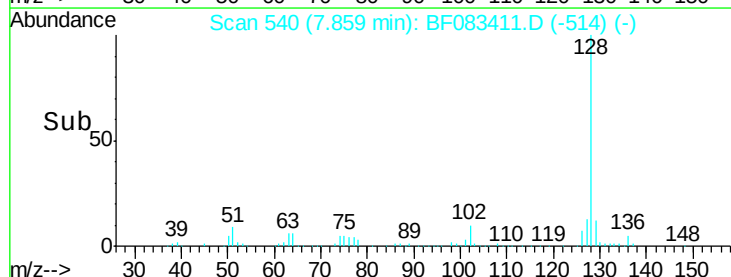
127 12.9 11.0 16.4

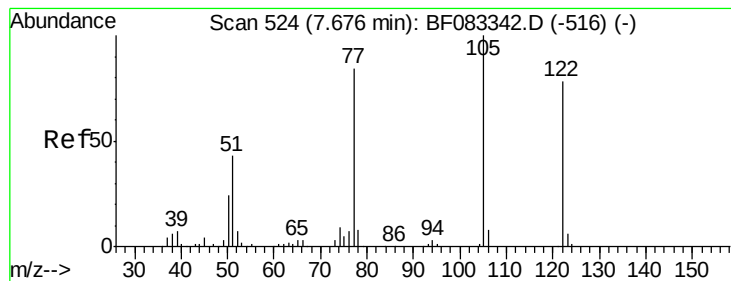


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#32

Benzoic acid

Concen: 3.12 ng

RT: 7.65 min Scan# 522

Delta R.T. -0.02 min

Lab File: BF083411.D

Acq: 2 Dec 2015 10:49

Instrument :

BNA_F

ClientSampleId :

STOCKPILE-GRAB1

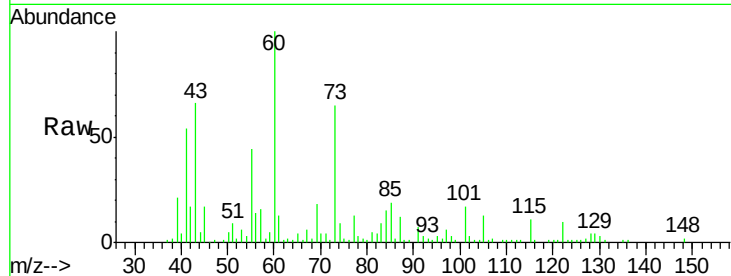
Tot Ion:122 Resp: 18779

Ion Ratio Lower Upper

122 100

105 125.9 106.0 146.0

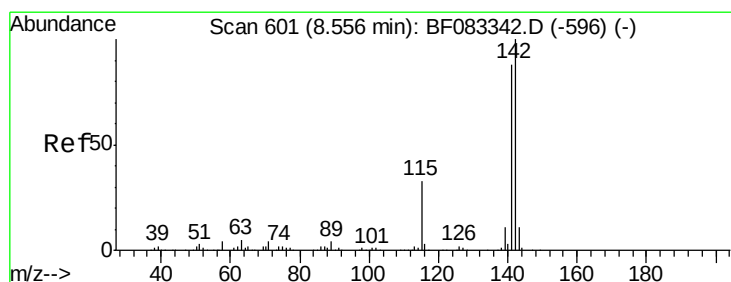
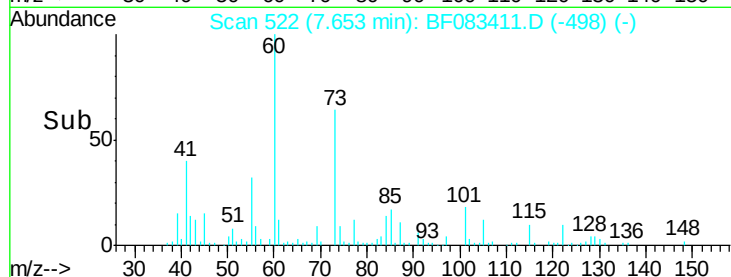
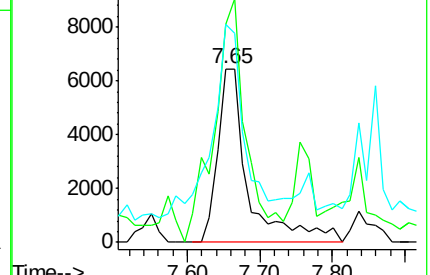
77 125.7 86.3 126.3



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0



#37

2-Methylnaphthalene

Concen: 3.52 ng

RT: 8.65 min Scan# 609

Delta R.T. 0.09 min

Lab File: BF083411.D

Acq: 2 Dec 2015 10:49

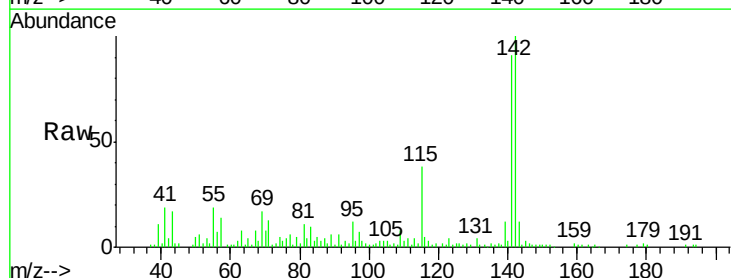
Tgt Ion:142 Resp: 66979

Ion Ratio Lower Upper

142 100

141 91.1 70.6 105.8

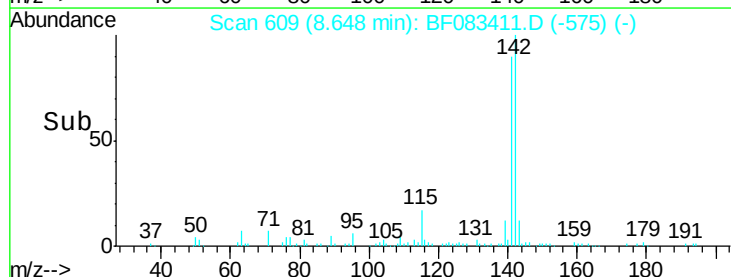
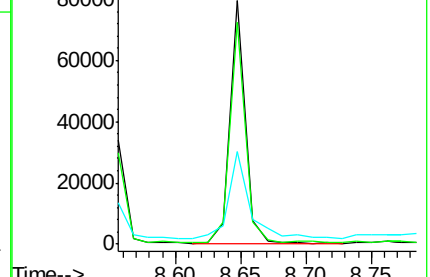
115 37.8 26.2 39.2

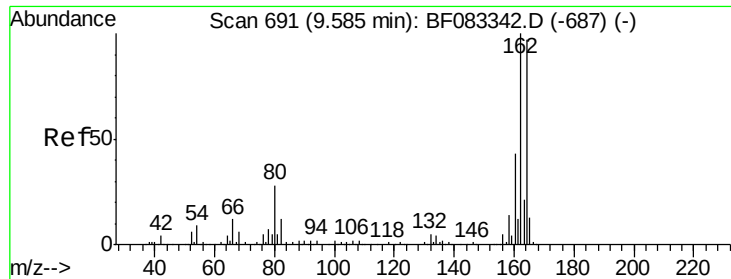


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.58 min Scan# 691

Delta R.T. 0.00 min

Lab File: BF083411.D

Acq: 2 Dec 2015 10:49

Instrument :

BNA_F

ClientSampleId :

STOCKPILE-GRAB1

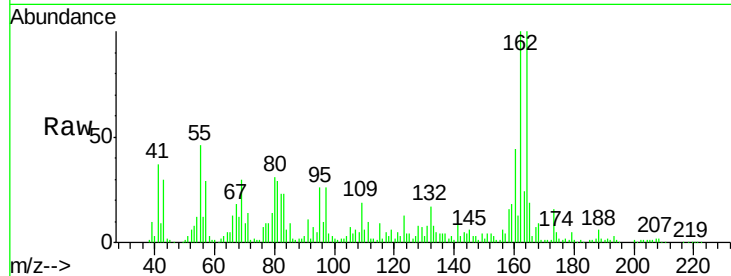
Tot Ion:164 Resp: 224240

Ion Ratio Lower Upper

164 100

162 100.4 82.6 123.8

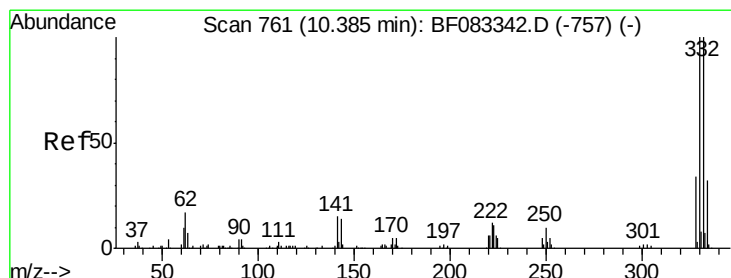
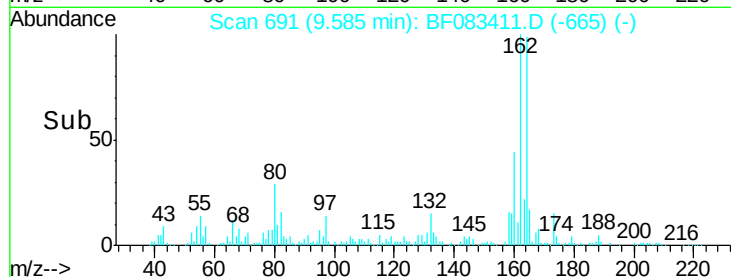
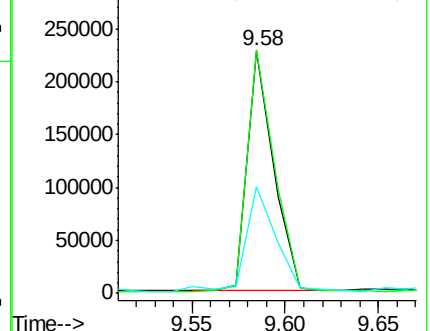
160 44.1 35.3 52.9



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: 7.97 ng

RT: 10.40 min Scan# 762

Delta R.T. 0.01 min

Lab File: BF083411.D

Acq: 2 Dec 2015 10:49

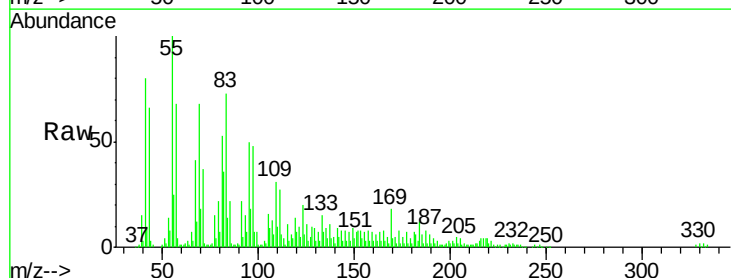
Tgt Ion:330 Resp: 17949

Ion Ratio Lower Upper

330 100

332 93.4 77.8 116.6

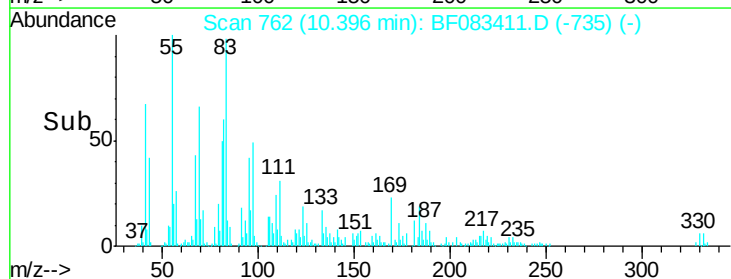
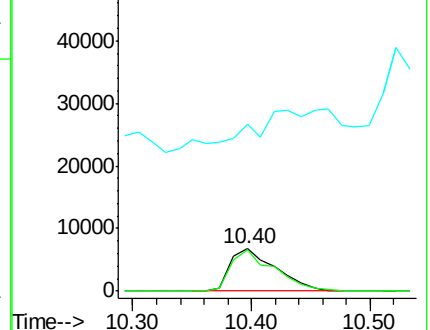
141 0.0 29.4 44.0#

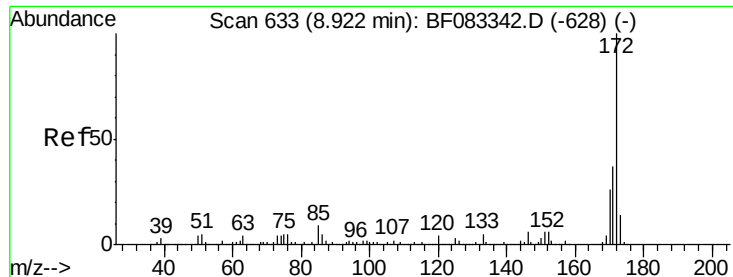


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

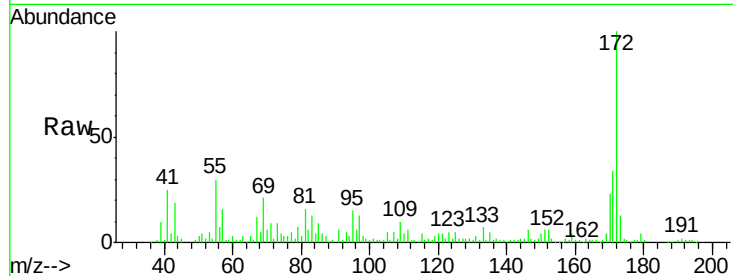




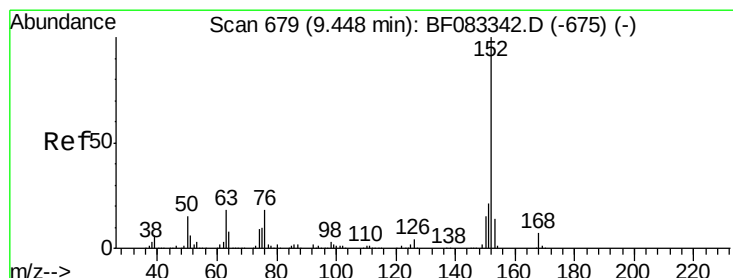
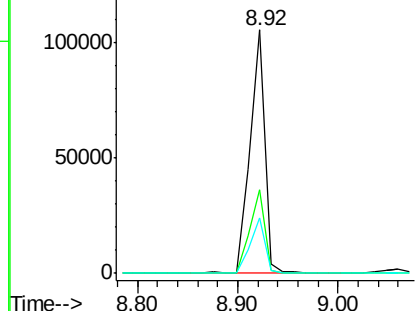
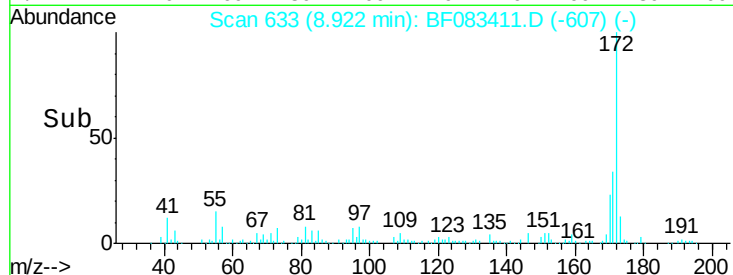
#44
2-Fluorobiphenyl
Concen: 6.86 ng
RT: 8.92 min Scan# 633
Delta R.T. -0.00 min
Lab File: BF083411.D
Acq: 2 Dec 2015 10:49

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Tot Ion	Ratio	Lower	Upper
172	100		
171	34.2	29.4	44.0
170	22.6	20.4	30.6

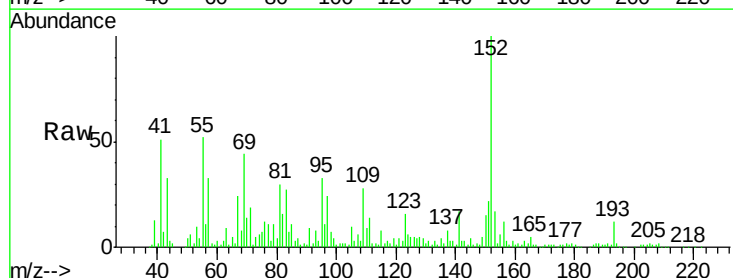


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

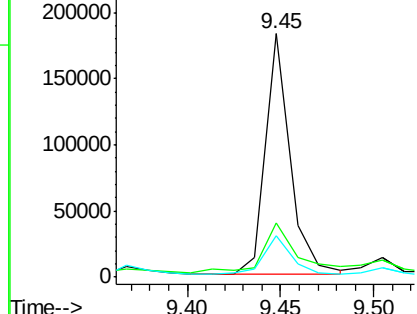
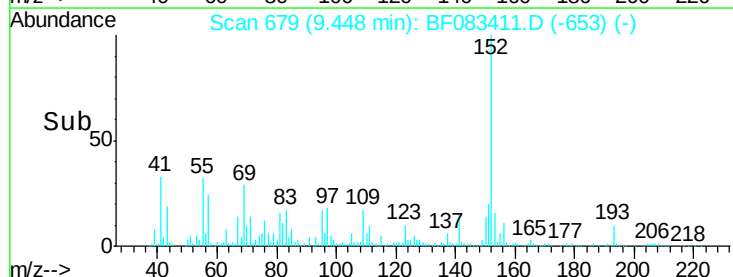


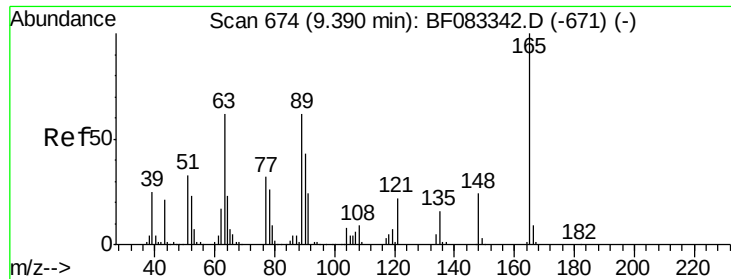
#48
Acenaphthylene
Concen: 6.91 ng
RT: 9.45 min Scan# 679
Delta R.T. -0.00 min
Lab File: BF083411.D
Acq: 2 Dec 2015 10:49

Tgt Ion	Ratio	Lower	Upper
152	100		
151	22.3	16.7	25.1
153	16.8	11.2	16.8#



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

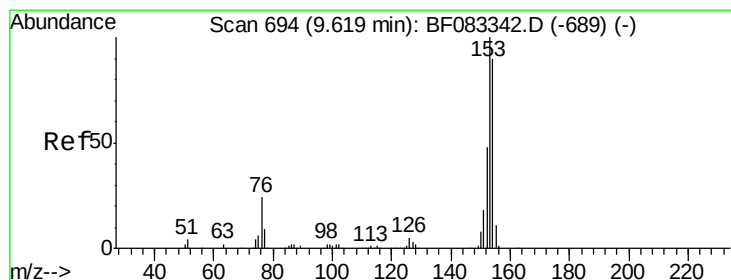
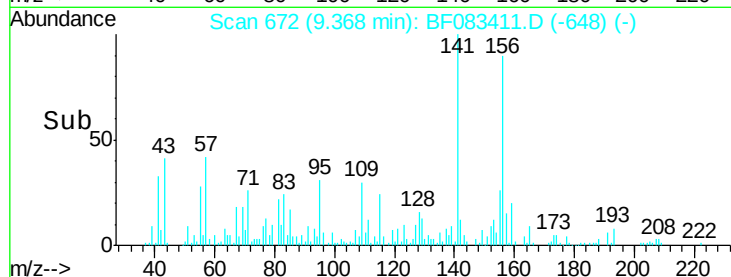
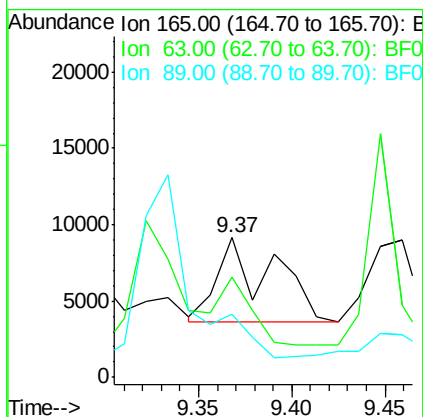
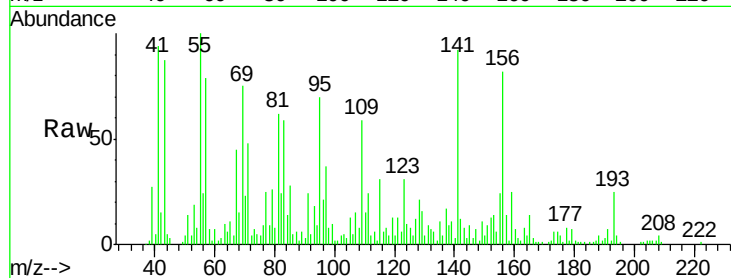




#50
2,6-Dinitrotoluene
Concen: 2.97 ng
RT: 9.37 min Scan# 672
Delta R.T. -0.02 min
Lab File: BF083411.D
Acq: 2 Dec 2015 10:49

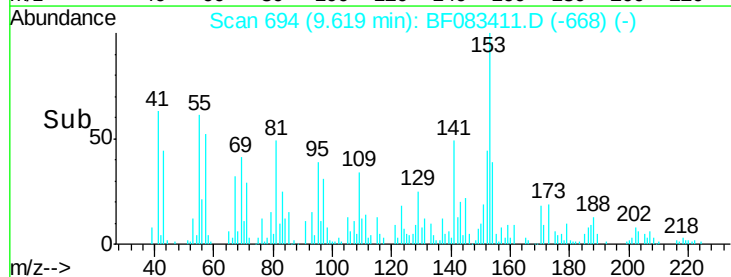
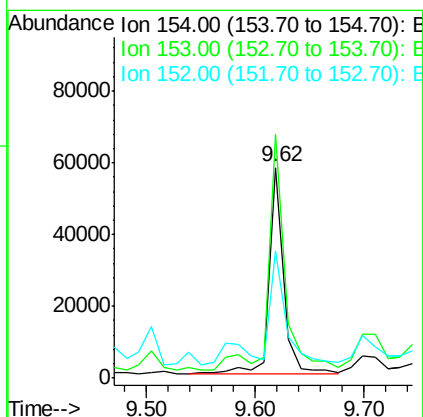
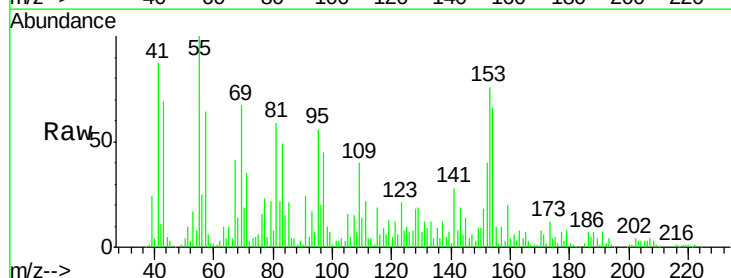
Instrument :
BNA_F
ClientSampleId :
STOCKPILE-GRAB1

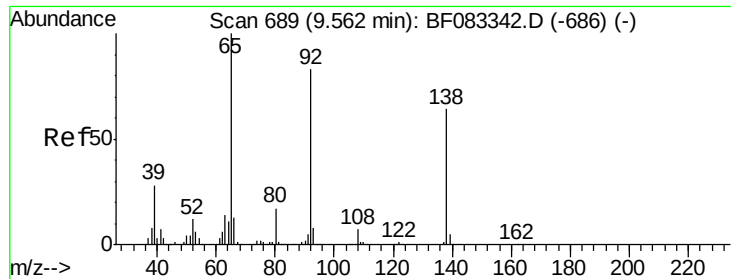
Tot Ion:165 Resp: 11566
Ion Ratio Lower Upper
165 100
63 72.1 56.0 84.0
89 45.5 49.8 74.8#



#51
Acenaphthene
Concen: 3.82 ng
RT: 9.62 min Scan# 694
Delta R.T. -0.00 min
Lab File: BF083411.D
Acq: 2 Dec 2015 10:49

Tgt Ion:154 Resp: 53756
Ion Ratio Lower Upper
154 100
153 115.5 89.3 133.9
152 60.0 42.5 63.7

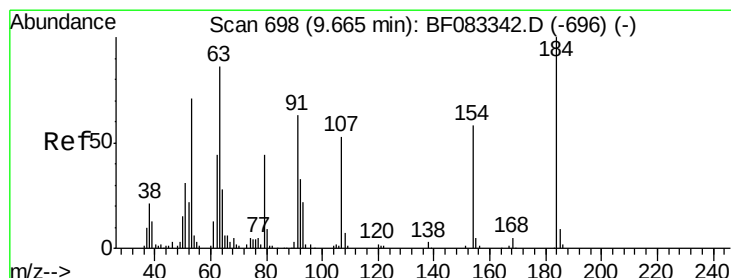
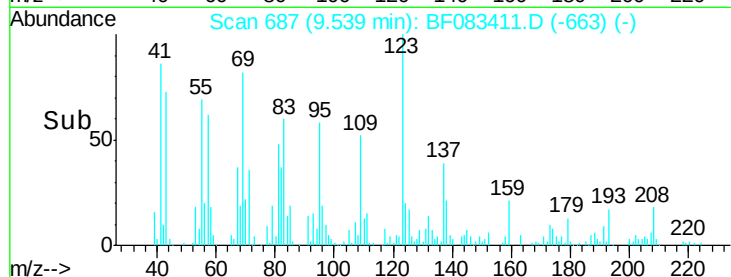
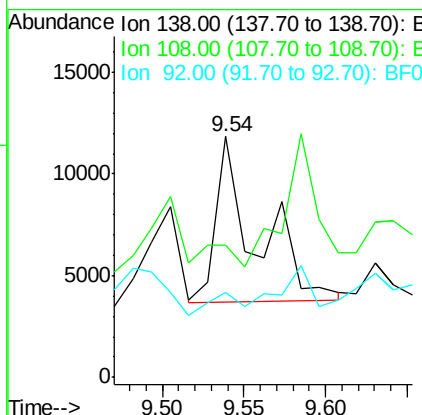
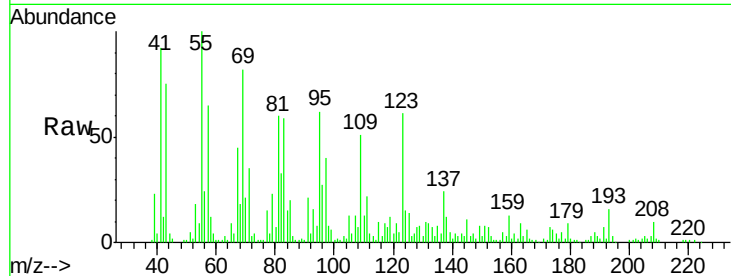




#52
 3-Nitroaniline
 Concen: 3.06 ng
 RT: 9.54 min Scan# 687
 Delta R.T. -0.02 min
 Lab File: BF083411.D
 Acq: 2 Dec 2015 10:49

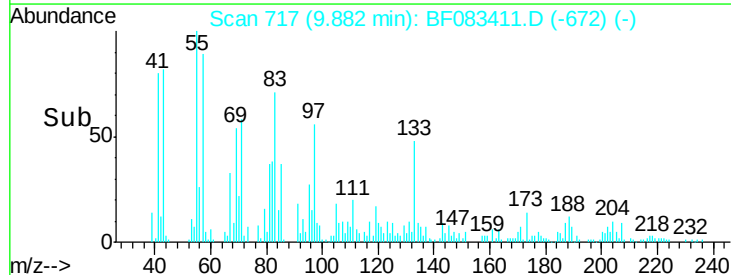
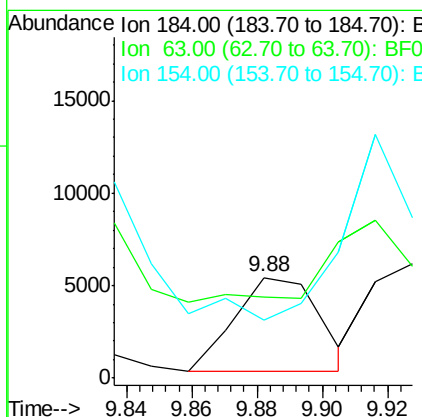
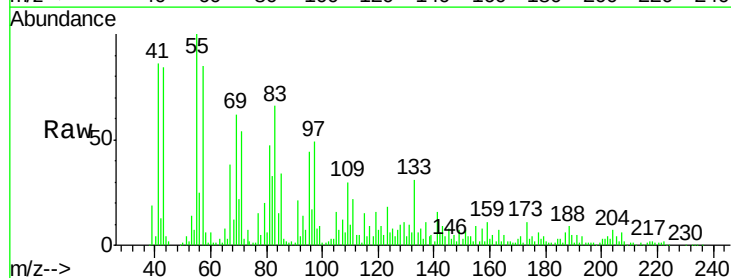
Instrument :
 BNA_F
 ClientSampleId :
 STOCKPILE-GRAB1

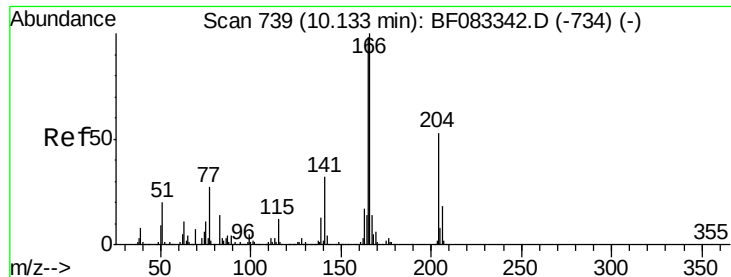
Tot Ion:138 Resp: 13956
 Ion Ratio Lower Upper
 138 100
 108 55.1 8.4 12.6#
 92 35.3 104.2 156.4#



#53
 2,4-Dinitrophenol
 Concen: 5.92 ng
 RT: 9.88 min Scan# 717
 Delta R.T. 0.22 min
 Lab File: BF083411.D
 Acq: 2 Dec 2015 10:49

Tgt Ion:184 Resp: 9084
 Ion Ratio Lower Upper
 184 100
 63 81.0 69.0 103.6
 154 58.2 50.0 75.0

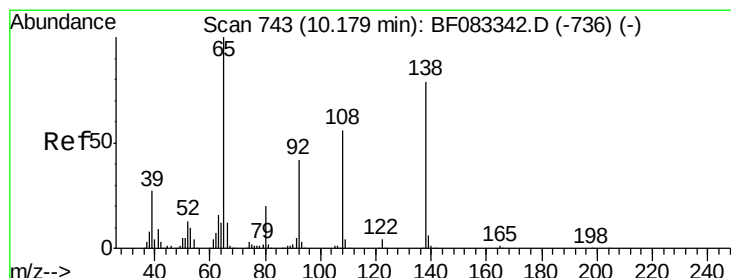
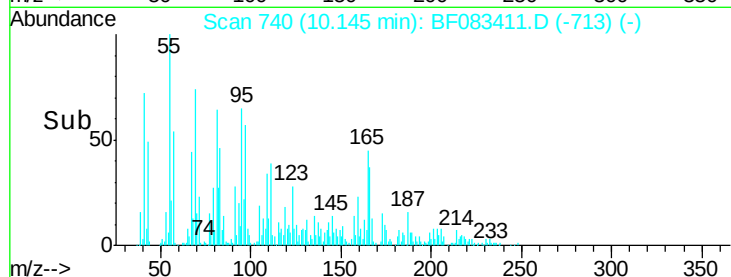
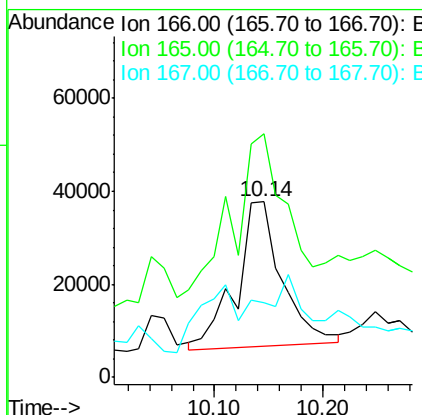
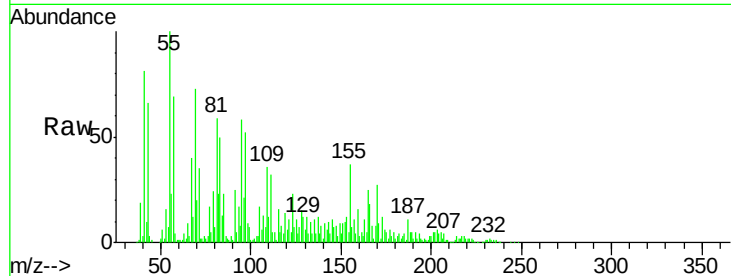




#57
Fluorene
 Concen: 5.57 ng
 RT: 10.14 min Scan# 740
 Delta R.T. 0.01 min
 Lab File: BF083411.D
 Acq: 2 Dec 2015 10:49

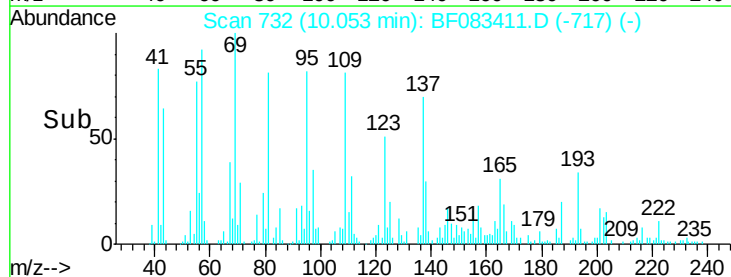
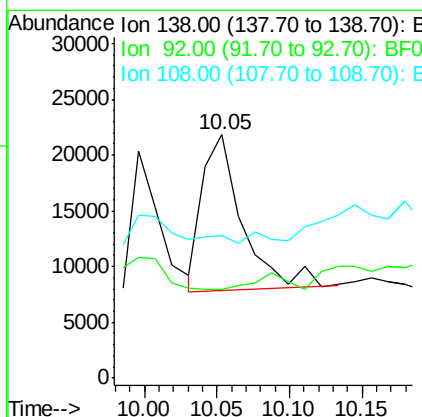
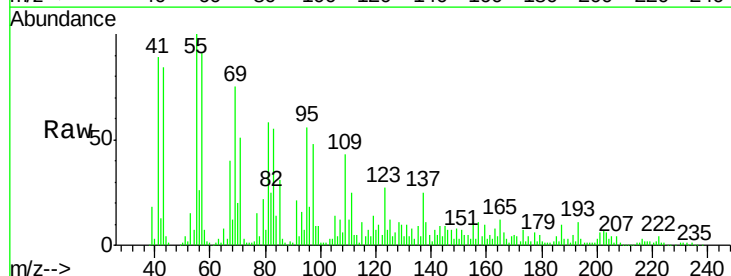
Instrument :
 BNA_F
 ClientSampleId :
 STOCKPILE-GRAB1

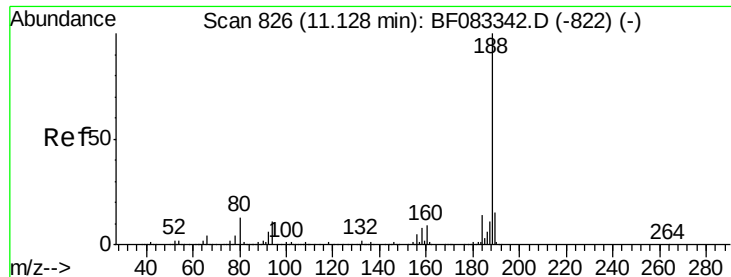
Tot Ion:166 Resp: 90577
 Ion Ratio Lower Upper
 166 100
 165 139.0 78.3 117.5#
 167 42.8 11.1 16.7#



#61
4-Nitroaniline
 Concen: 5.84 ng
 RT: 10.05 min Scan# 732
 Delta R.T. -0.13 min
 Lab File: BF083411.D
 Acq: 2 Dec 2015 10:49

Tgt Ion:138 Resp: 26675
 Ion Ratio Lower Upper
 138 100
 92 36.2 33.6 73.6
 108 58.5 51.0 91.0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.17 min Scan# 830

Delta R.T. 0.05 min

Lab File: BF083411.D

Acq: 2 Dec 2015 10:49

Instrument :

BNA_F

ClientSampleId :

STOCKPILE-GRAB1

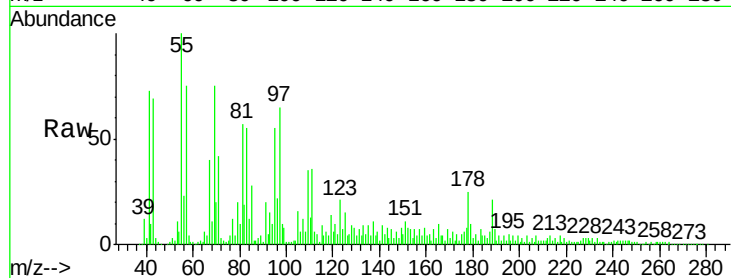
Tot Ion:188 Resp: 336680

Ion Ratio Lower Upper

188 100

94 45.6 8.7 13.1#

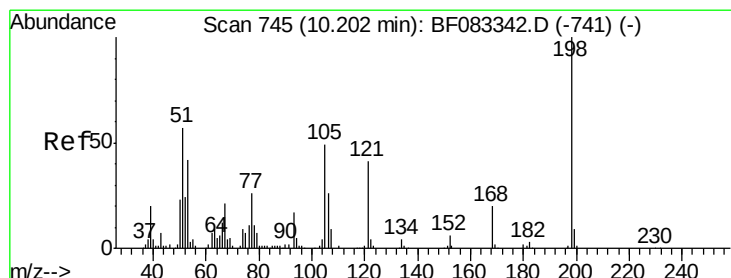
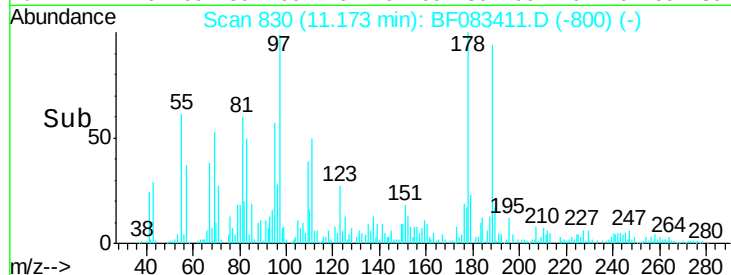
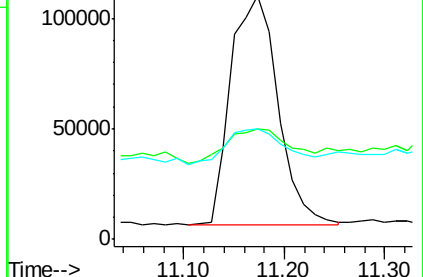
80 45.1 10.3 15.5#



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: 3.12 ng

RT: 10.16 min Scan# 741

Delta R.T. -0.05 min

Lab File: BF083411.D

Acq: 2 Dec 2015 10:49

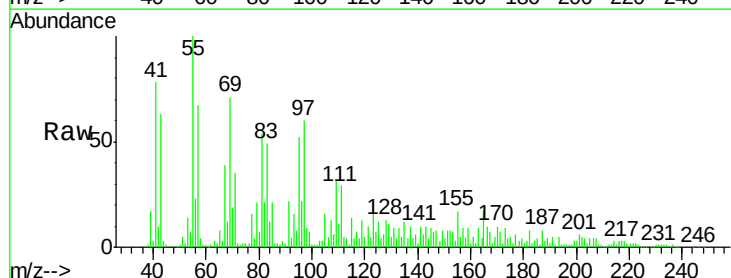
Tgt Ion:198 Resp: 7044

Ion Ratio Lower Upper

198 100

51 348.6 38.3 78.3#

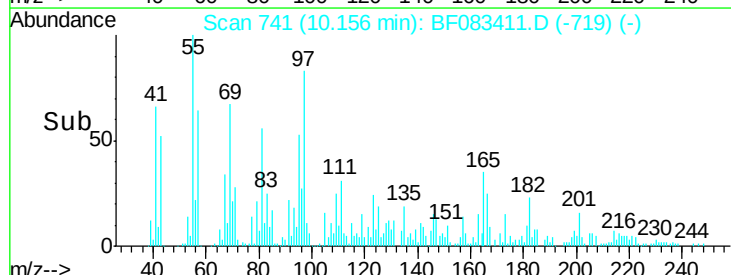
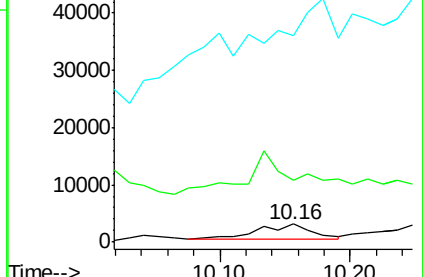
105 1160.9 29.2 69.2#

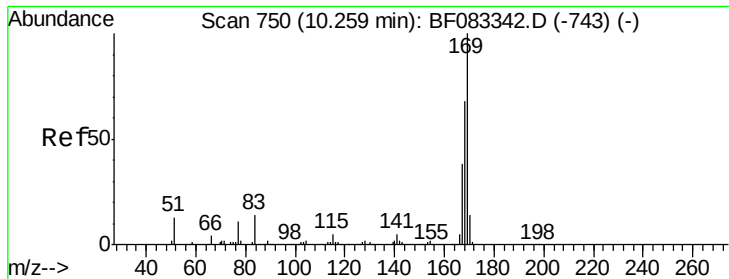


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 8.27 ng

RT: 10.52 min Scan# 773

Delta R.T. 0.26 min

Lab File: BF083411.D

Acq: 2 Dec 2015 10:49

Instrument :

BNA_F

ClientSampleId :

STOCKPILE-GRAB1

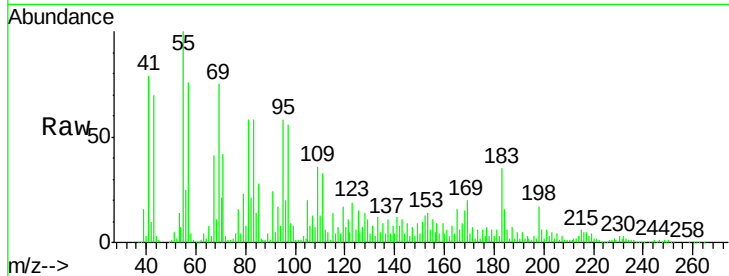
Tot Ion:169 Resp: 97798

Ion Ratio Lower Upper

169 100

168 73.0 54.8 82.2

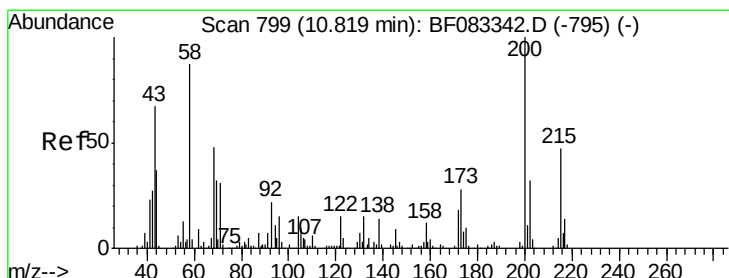
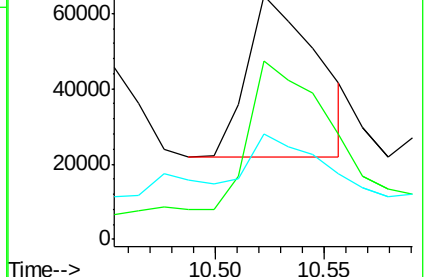
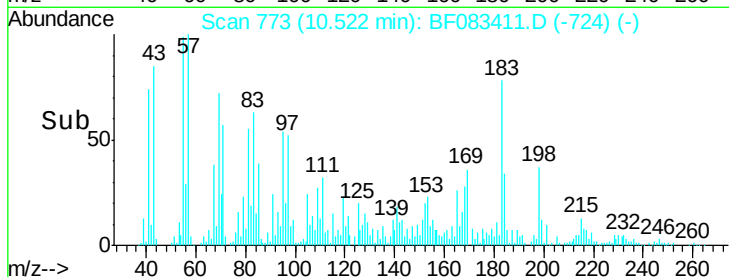
167 43.0 30.2 45.2



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#68

Atrazine

Concen: 3.58 ng

RT: 10.86 min Scan# 803

Delta R.T. 0.05 min

Lab File: BF083411.D

Acq: 2 Dec 2015 10:49

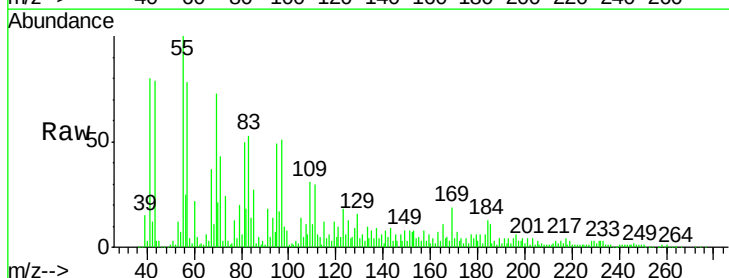
Tgt Ion:200 Resp: 11728

Ion Ratio Lower Upper

200 100

173 259.2 8.3 48.3#

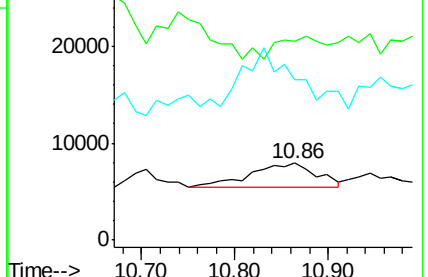
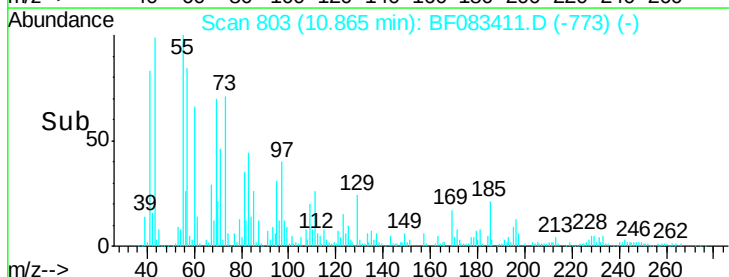
215 209.0 26.7 66.7#

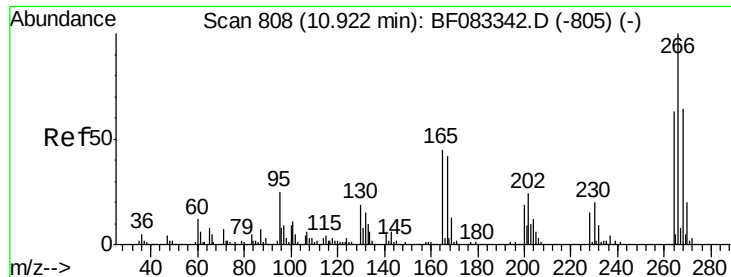


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

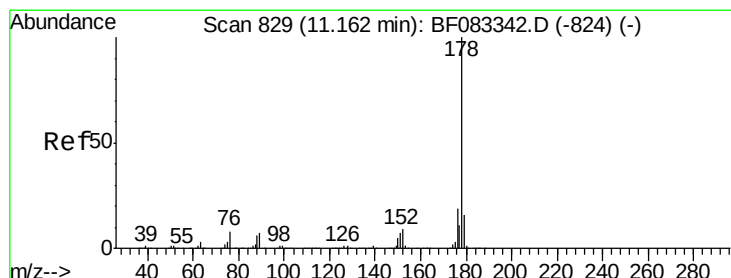
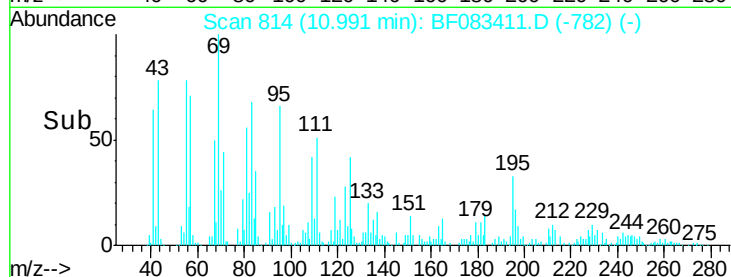
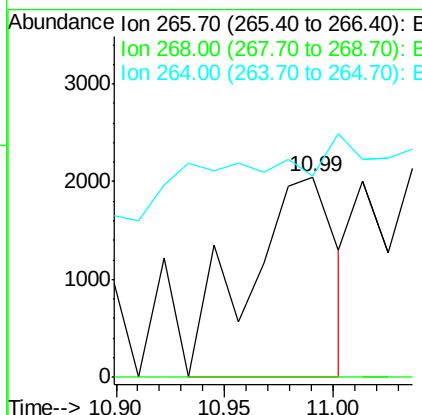
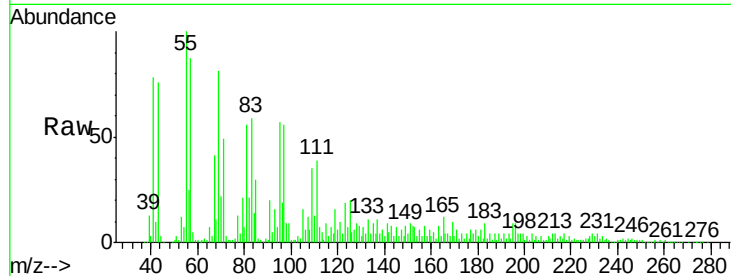




#69
 Pentachlorophenol
 Concen: 2.70 ng
 RT: 10.99 min Scan# 814
 Delta R.T. 0.07 min
 Lab File: BF083411.D
 Acq: 2 Dec 2015 10:49

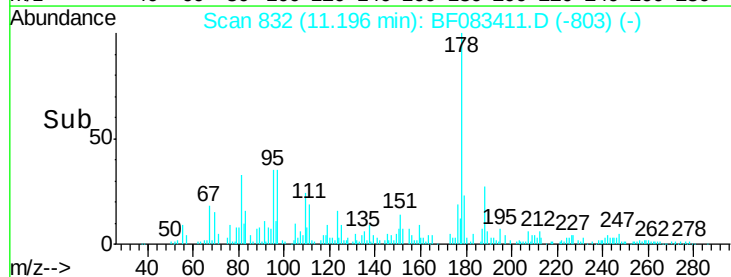
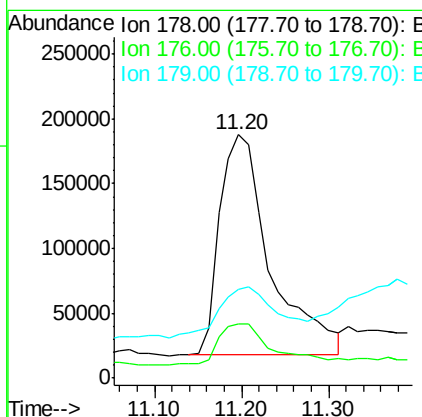
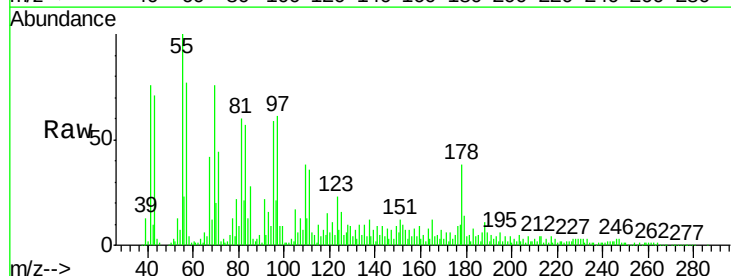
Instrument :
 BNA_F
 ClientSampleId :
 STOCKPILE-GRAB1

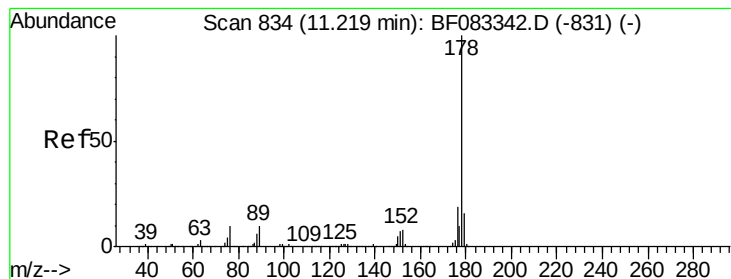
Tot Ion:266 Resp: 5757
 Ion Ratio Lower Upper
 266 100
 268 0.0 51.5 77.3#
 264 100.1 50.4 75.6#



#70
 Phenanthrene
 Concen: 34.75 ng
 RT: 11.20 min Scan# 832
 Delta R.T. 0.03 min
 Lab File: BF083411.D
 Acq: 2 Dec 2015 10:49

Tgt Ion:178 Resp: 692329
 Ion Ratio Lower Upper
 178 100
 176 22.4 15.3 22.9
 179 36.3 12.4 18.6#





#71

Anthracene

Concen: 34.52 ng

RT: 11.20 min Scan# 832

Delta R.T. -0.02 min

Lab File: BF083411.D

Acq: 2 Dec 2015 10:49

Instrument :

BNA_F

ClientSampleId :

STOCKPILE-GRAB1

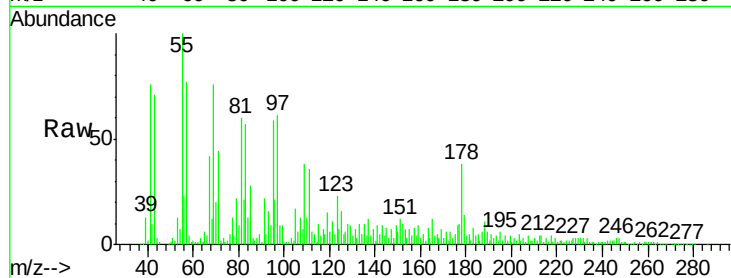
Tot Ion:178 Resp: 692329

Ion Ratio Lower Upper

178 100

176 22.4 15.6 23.4

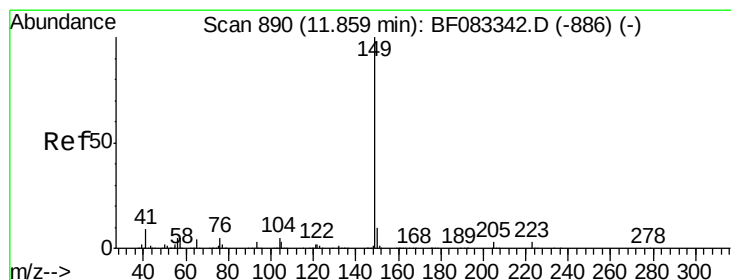
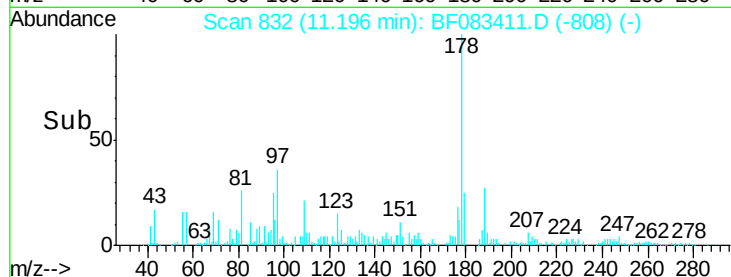
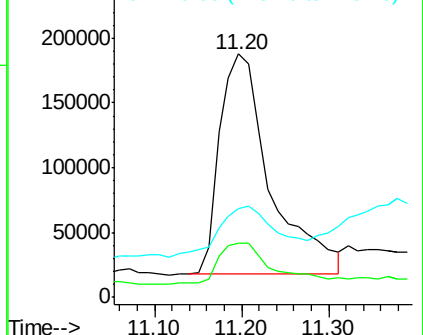
179 36.3 12.8 19.2#



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



#73

Di-n-butylphthalate

Concen: 4.12 ng

RT: 11.86 min Scan# 890

Delta R.T. -0.00 min

Lab File: BF083411.D

Acq: 2 Dec 2015 10:49

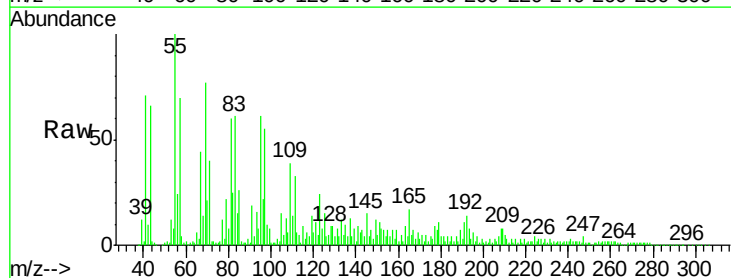
Tgt Ion:149 Resp: 88042

Ion Ratio Lower Upper

149 100

150 41.8 7.7 11.5#

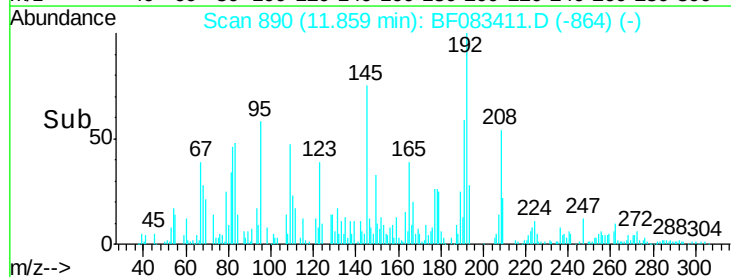
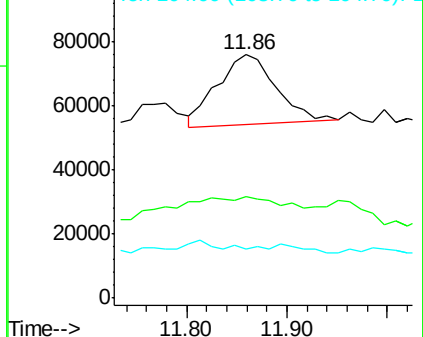
104 20.2 4.0 6.0#

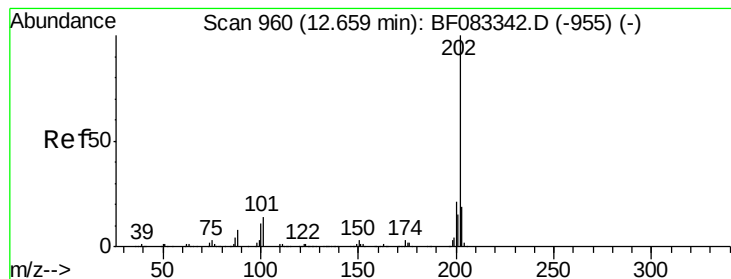


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 12.83 ng

RT: 12.76 min Scan# 969

Delta R.T. 0.10 min

Lab File: BF083411.D

Acq: 2 Dec 2015 10:49

Instrument :

BNA_F

ClientSampleId :

STOCKPILE-GRAB1

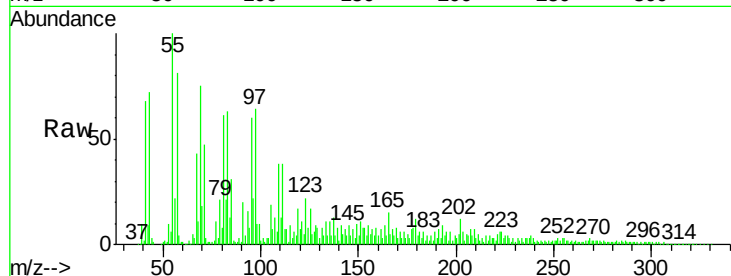
Tot Ion:202 Resp: 264942

Ion Ratio Lower Upper

202 100

101 21.2 0.0 34.5

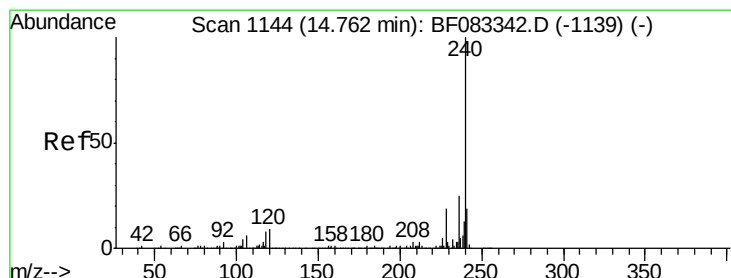
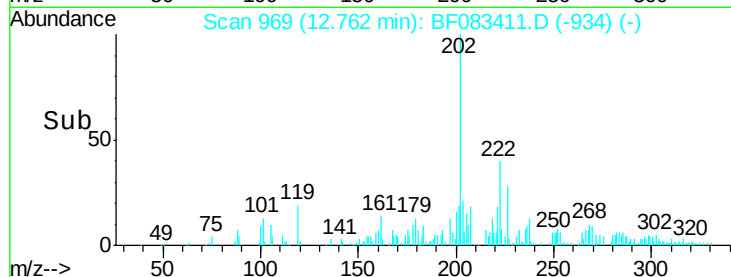
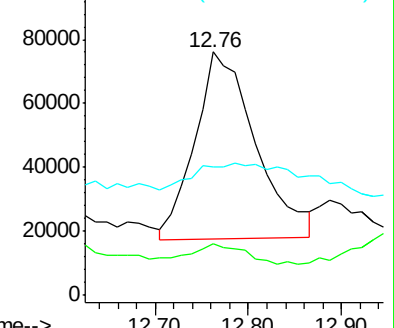
203 52.6 0.0 38.7#



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: 14.95 min Scan# 1160

Delta R.T. 0.18 min

Lab File: BF083411.D

Acq: 2 Dec 2015 10:49

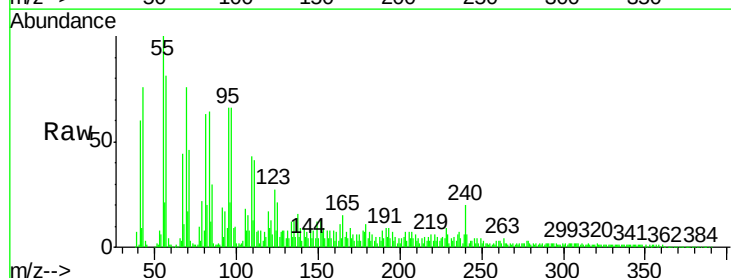
Tgt Ion:240 Resp: 261932

Ion Ratio Lower Upper

240 100

120 43.7 6.9 10.3#

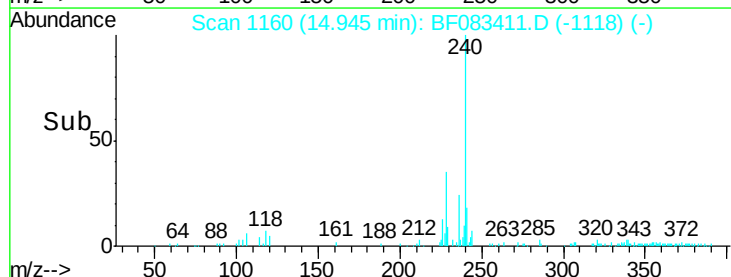
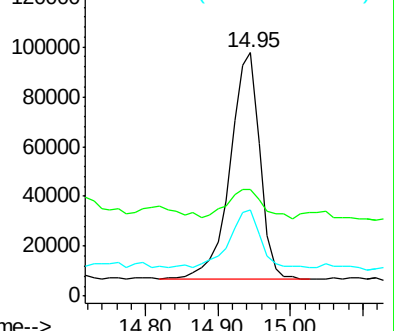
236 35.5 19.8 29.6#

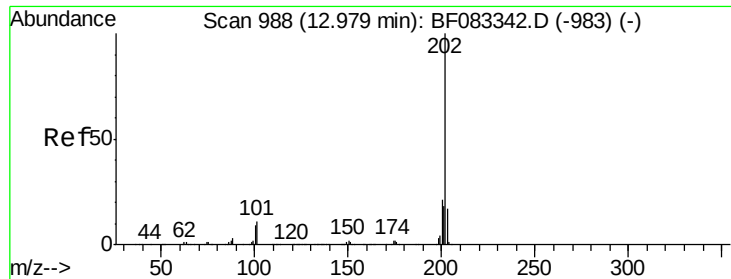


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 15.08 ng

RT: 13.11 min Scan# 999

Delta R.T. 0.13 min

Lab File: BF083411.D

Acq: 2 Dec 2015 10:49

Instrument :

BNA_F

ClientSampleId :

STOCKPILE-GRAB1

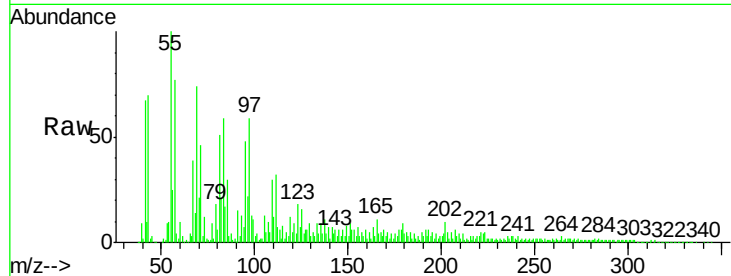
Tot Ion:202 Resp: 275793

Ion Ratio Lower Upper

202 100

200 27.8 16.9 25.3#

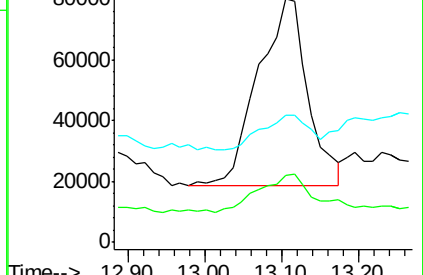
203 52.2 13.9 20.9#



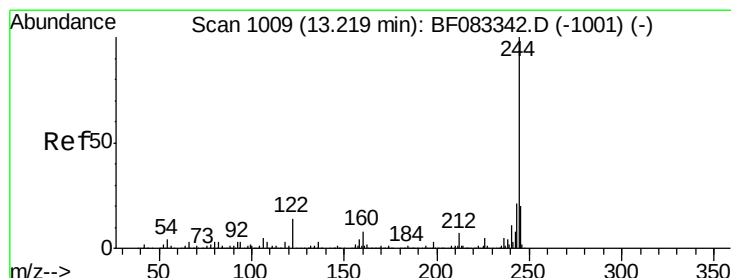
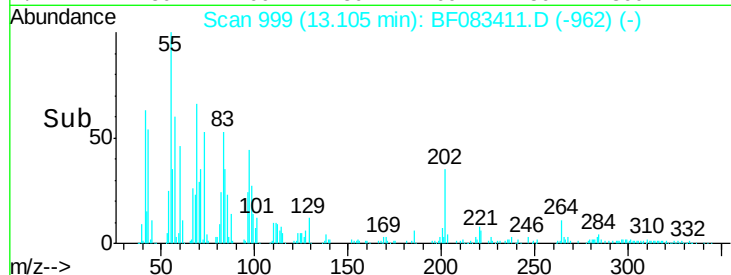
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#78

Terphenyl-d14

Concen: 6.69 ng

RT: 13.35 min Scan# 1020

Delta R.T. 0.13 min

Lab File: BF083411.D

Acq: 2 Dec 2015 10:49

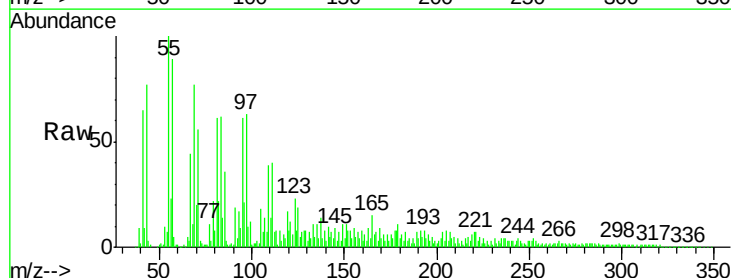
Tgt Ion:244 Resp: 73440

Ion Ratio Lower Upper

244 100

212 40.3 5.8 8.8#

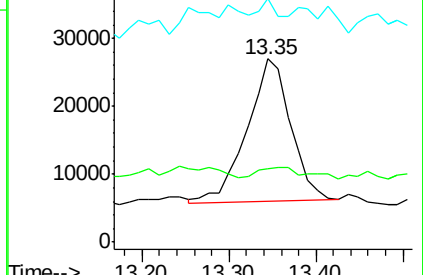
122 133.0 11.0 16.4#



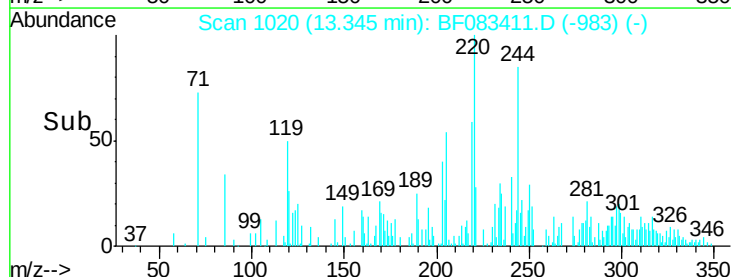
Abundance Ion 244.00 (243.70 to 244.70): E

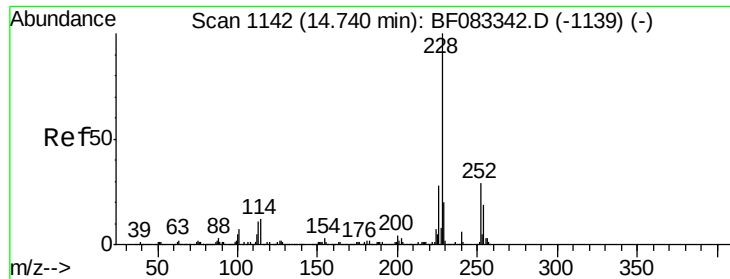
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->





#80

Benzo(a)anthracene

Concen: 15.45 ng

RT: 14.98 min Scan# 1163

Delta R.T. 0.24 min

Lab File: BF083411.D

Acq: 2 Dec 2015 10:49

Instrument :

BNA_F

ClientSampleId :

STOCKPILE-GRAB1

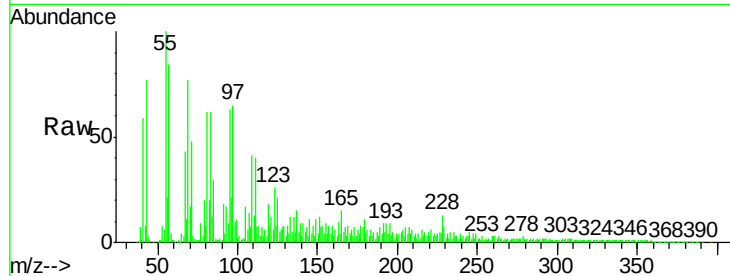
Tot Ion:228 Resp: 248003

Ion Ratio Lower Upper

228 100

226 41.7 22.2 33.4#

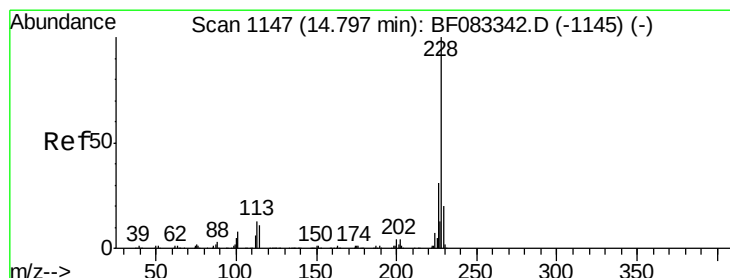
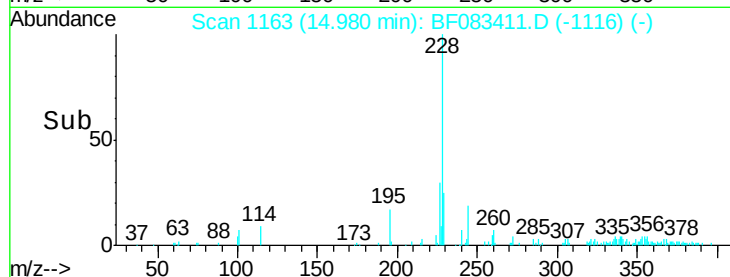
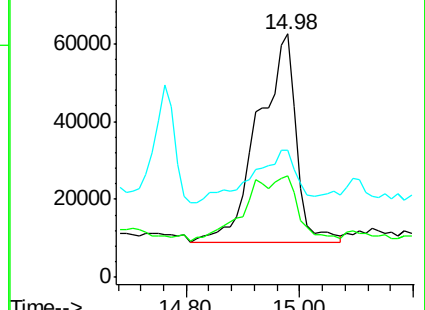
229 52.0 16.1 24.1#



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



#82

Chrysene

Concen: 16.00 ng

RT: 14.98 min Scan# 1163

Delta R.T. 0.18 min

Lab File: BF083411.D

Acq: 2 Dec 2015 10:49

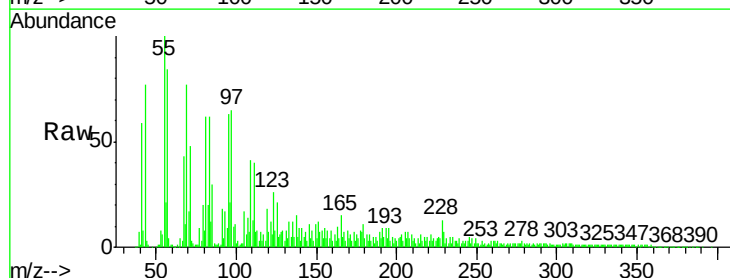
Tgt Ion:228 Resp: 248003

Ion Ratio Lower Upper

228 100

226 41.7 24.6 37.0#

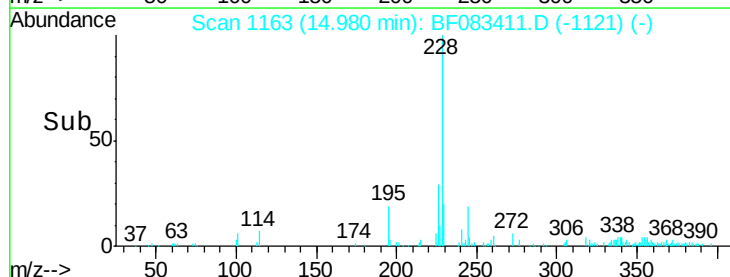
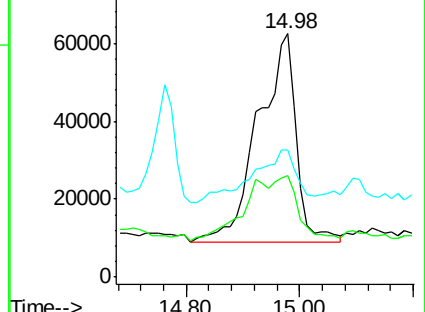
229 52.0 16.2 24.2#

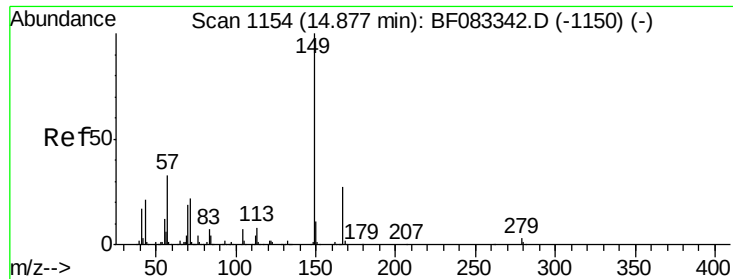


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 2.83 ng

RT: 15.03 min Scan# 1167

Delta R.T. 0.15 min

Lab File: BF083411.D

Acq: 2 Dec 2015 10:49

Instrument :

BNA_F

ClientSampleId :

STOCKPILE-GRAB1

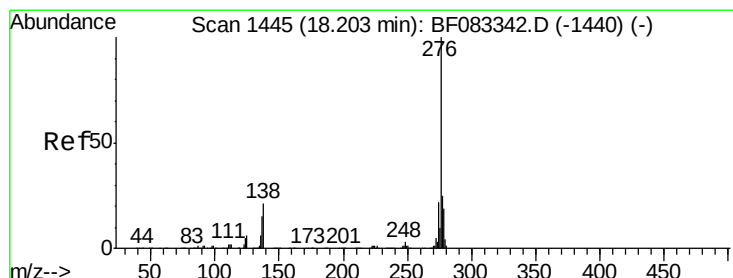
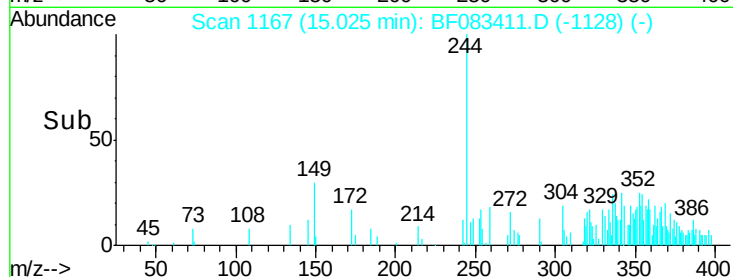
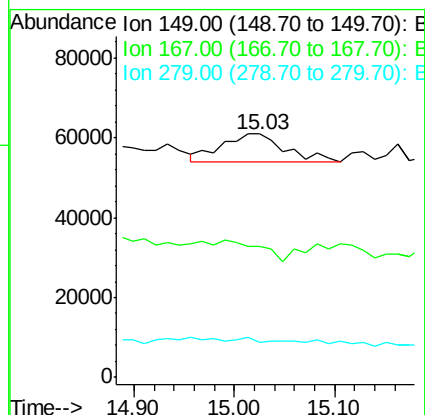
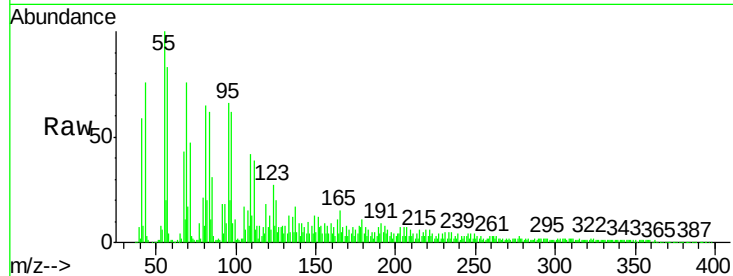
Tot Ion:149 Resp: 29431

Ion Ratio Lower Upper

149 100

167 53.8 21.5 32.3#

279 14.1 2.6 3.8#



#85

Indeno(1,2,3-cd)pyrene

Concen: 2.58 ng

RT: 18.31 min Scan# 1454

Delta R.T. 0.10 min

Lab File: BF083411.D

Acq: 2 Dec 2015 10:49

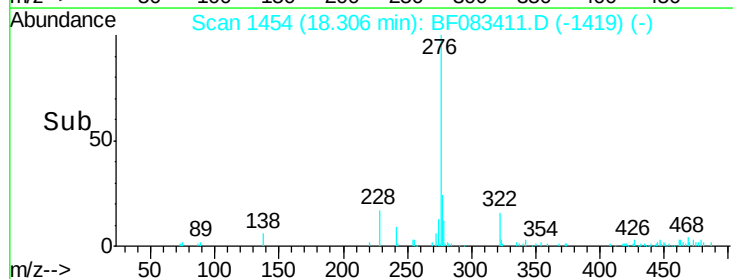
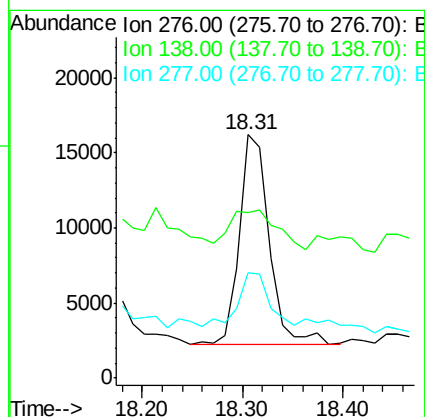
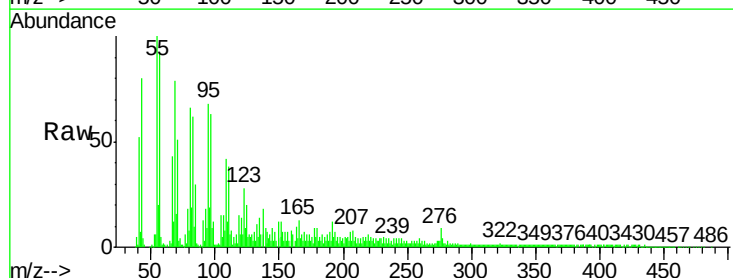
Tgt Ion:276 Resp: 29132

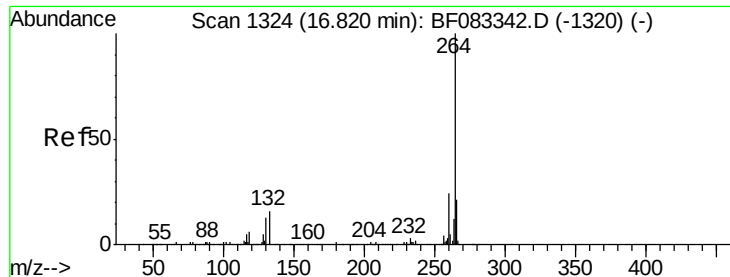
Ion Ratio Lower Upper

276 100

138 29.1 21.2 31.8

277 26.3 20.0 30.0

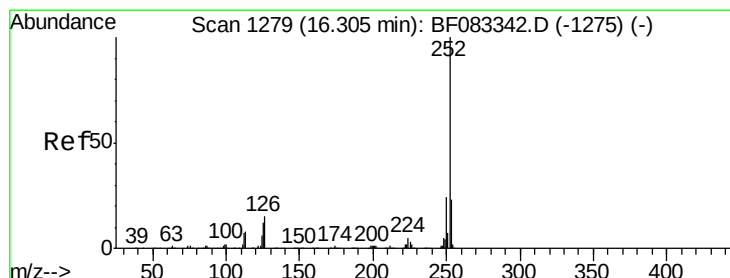
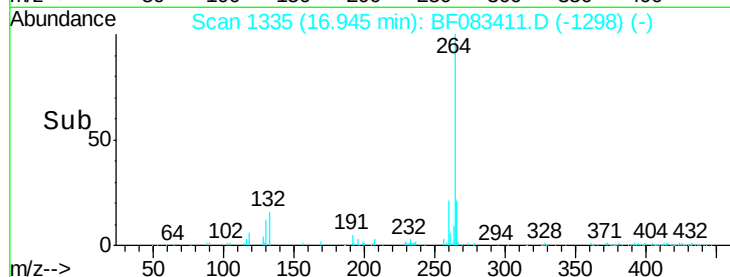
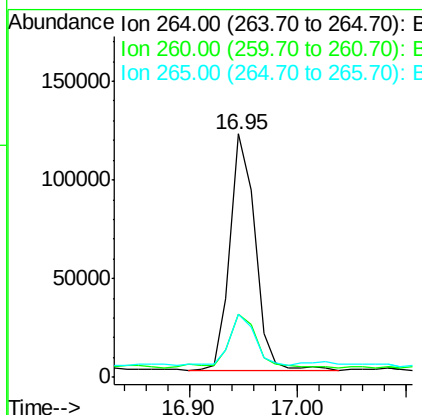
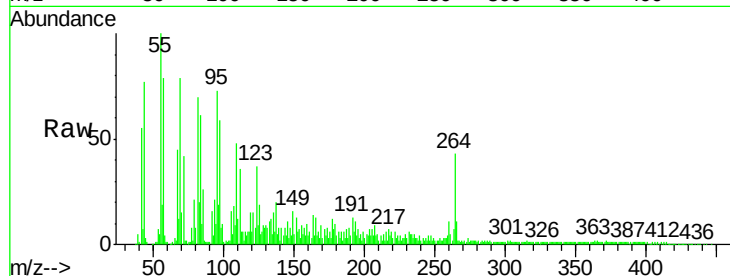




#86
Pervlene-d12
Concen: 20.00 ng
RT: 16.95 min Scan# 1335
Delta R.T. 0.13 min
Lab File: BF083411.D
Acq: 2 Dec 2015 10:49

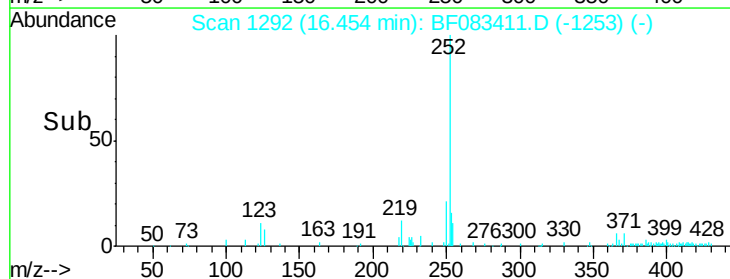
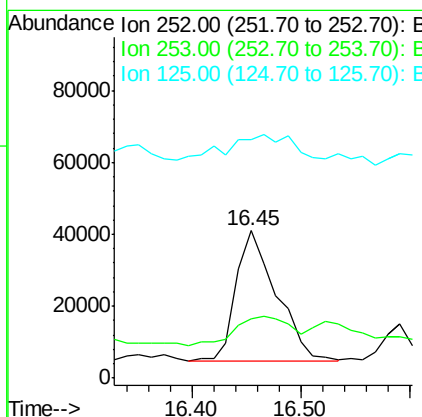
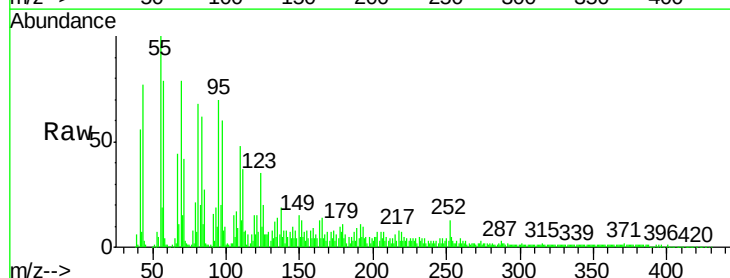
Instrument :
BNA_F
ClientSampleId :
STOCKPILE-GRAB1

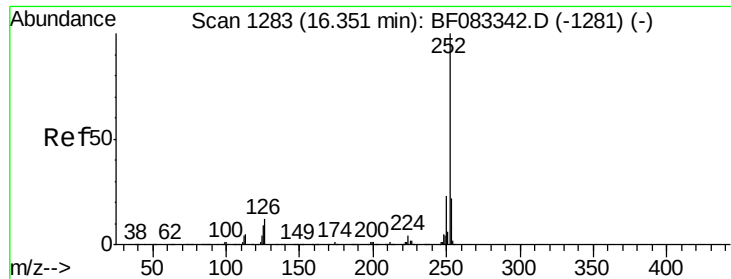
Tot Ion:264 Resp: 190398
Ion Ratio Lower Upper
264 100
260 25.8 19.0 28.4
265 26.0 16.8 25.2#



#87
Benzo(b)fluoranthene
Concen: 7.53 ng
RT: 16.45 min Scan# 1292
Delta R.T. 0.15 min
Lab File: BF083411.D
Acq: 2 Dec 2015 10:49

Tgt Ion:252 Resp: 92008
Ion Ratio Lower Upper
252 100
253 40.3 18.4 27.6#
125 162.3 9.6 14.4#

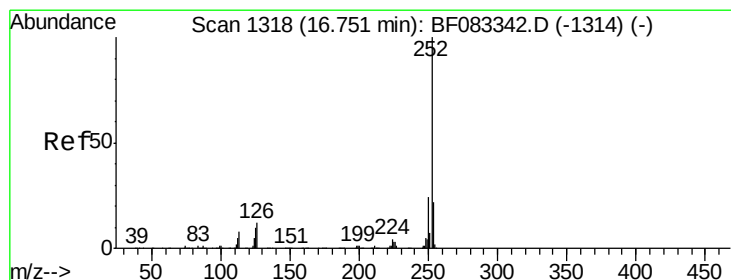
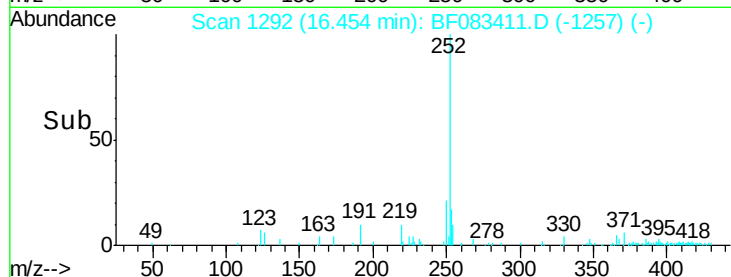
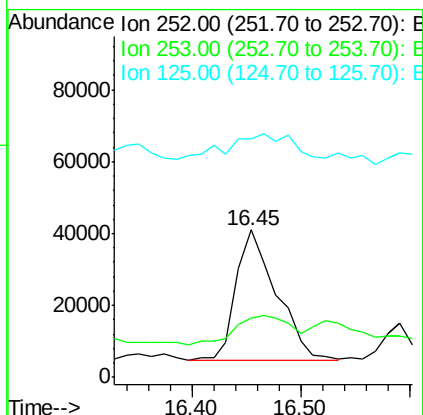
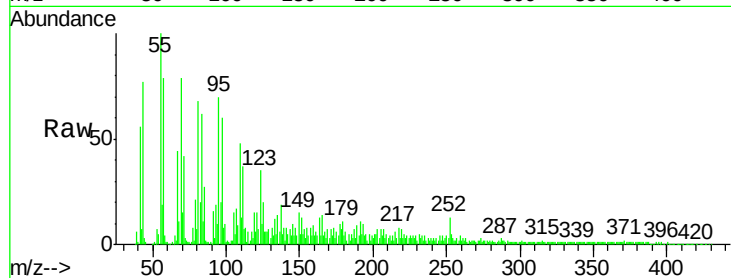




#88
Benzo(k)fluoranthene
Concen: 7.98 ng
RT: 16.45 min Scan# 1292
Delta R.T. 0.10 min
Lab File: BF083411.D
Acq: 2 Dec 2015 10:49

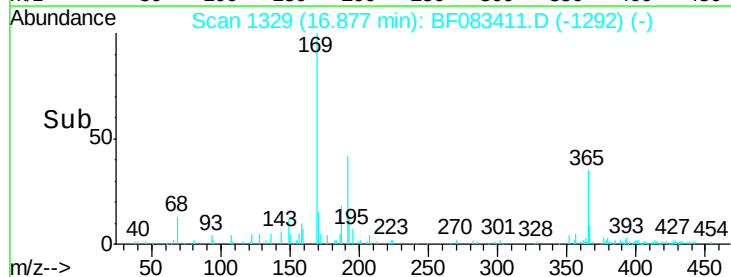
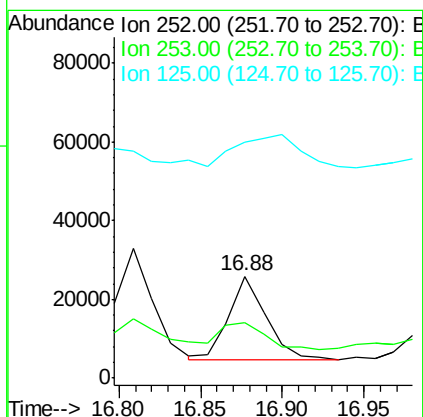
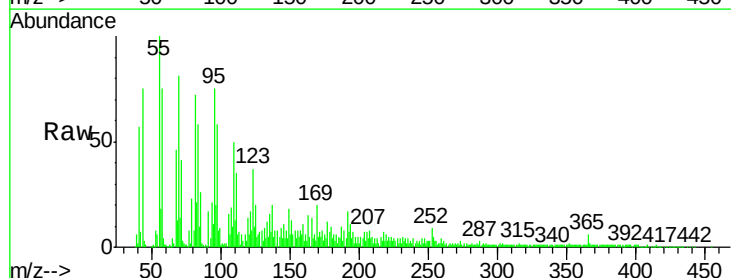
Instrument :
BNA_F
ClientSampleId :
STOCKPILE-GRAB1

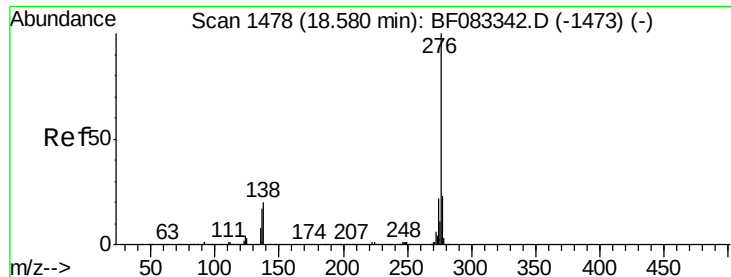
Tot Ion:252 Resp: 92008
Ion Ratio Lower Upper
252 100
253 40.3 17.4 26.0#
125 162.3 7.5 11.3#



#89
Benzo(a)pyrene
Concen: 3.31 ng
RT: 16.88 min Scan# 1329
Delta R.T. 0.13 min
Lab File: BF083411.D
Acq: 2 Dec 2015 10:49

Tgt Ion:252 Resp: 34695
Ion Ratio Lower Upper
252 100
253 54.0 17.5 26.3#
125 231.3 7.8 11.8#





#91

Benzo(a,h,i)perylene

Concen: 4.00 ng

RT: 18.69 min Scan# 1488

Delta R.T. 0.11 min

Lab File: BF083411.D

Acq: 2 Dec 2015 10:49

Instrument :

BNA_F

ClientSampleId :

STOCKPILE-GRAB1

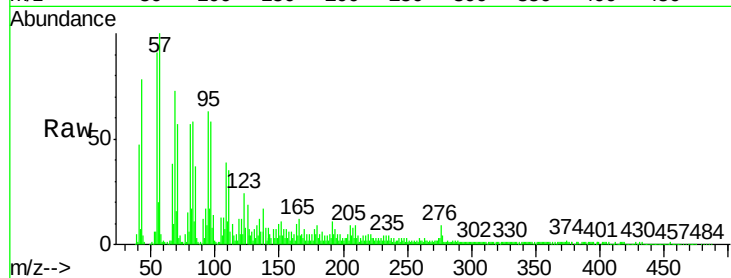
Tot Ion:276 Resp: 35853

Ion Ratio Lower Upper

276 100

277 39.4 18.6 28.0#

138 63.1 16.1 24.1#



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

