

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112515\
 Data File : BF083289.D
 Acq On : 25 Nov 2015 22:48
 Operator : UM/IZ
 Sample : G4567-05 2X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 STOCKPILE-GRAB1

Quant Time: Nov 26 01:18:19 2015
 Quant Method : Z:\HPCHEM1\BNA_F\Methods\8270-BF112115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Nov 22 09:22:46 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	42406	20.00	ng	0.08
21) Naphthalene-d8	7.87	136	495193	20.00	ng	-0.08
38) Acenaphthene-d10	9.62	164	204142	20.00	ng	-0.08
63) Phenanthrene-d10	11.12	188	296972	20.00	ng	-0.06
75) Chrysene-d12	13.81	240	235396	20.00	ng	0.00
86) Perylene-d12	15.17	264	234897	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.18	112	89646	31.96	ng	-0.10
7) Phenol-d6	6.25	99	138296	38.11	ng	-0.09
23) Nitrobenzene-d5	7.15	82	74807	6.90	ng	-0.08
41) 2,4,6-Tribromophenol	10.42	330	16293	7.80	ng	-0.07
44) 2-Fluorobiphenyl	8.96	172	105128	7.18	ng	-0.07
78) Terphenyl-d14	12.75	244	55228	5.52	ng	-0.01

Target Compounds

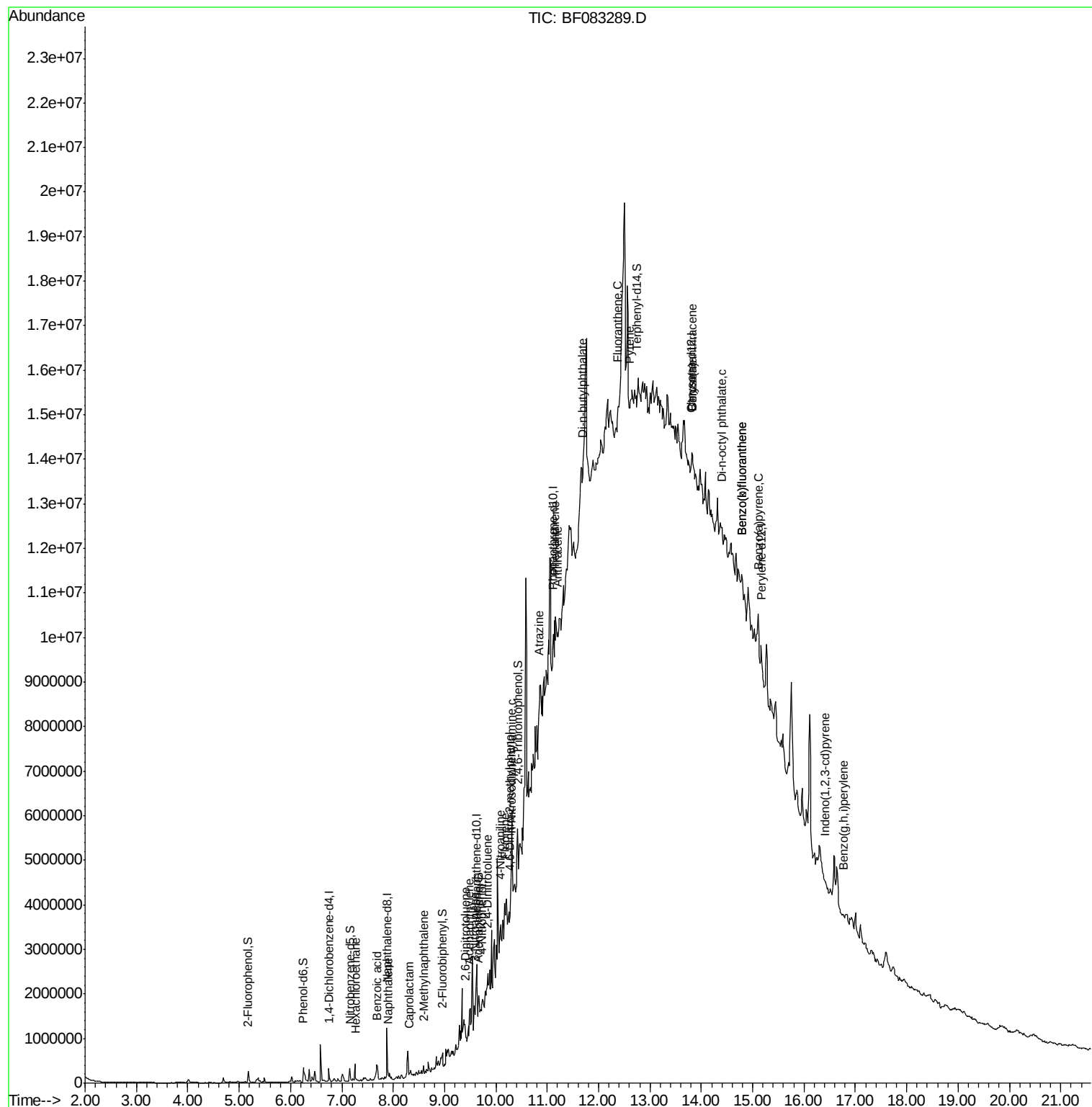
						Qvalue
9) Benzaldehyde	6.26	77	724	Below Cal	#	14
18) Hexachloroethane	7.27	117	4685	3.80	ng	# 1
31) Naphthalene	7.90	128	95725	3.58	ng	# 99
32) Benzoic acid	7.68	122	14025	2.21	ng	# 82
35) Caprolactam	8.32	113	7602	3.06	ng	# 1
37) 2-Methylnaphthalene	8.59	142	49053	2.83	ng	# 92
48) Acenaphthylene	9.48	152	153202	7.24	ng	# 95
50) 2,6-Dinitrotoluene	9.40	165	9019	2.56	ng	# 81
51) Acenaphthene	9.66	154	52031	4.04	ng	# 97
52) 3-Nitroaniline	9.58	138	7694	2.05	ng	# 31
55) 4-Nitrophenol	9.74	139	6916	2.40	ng	# 1
56) 2,4-Dinitrotoluene	9.84	165	10248	2.29	ng	# 63
57) Fluorene	10.17	166	94917	6.31	ng	# 68
61) 4-Nitroaniline	10.09	138	27093	7.32	ng	# 78
64) 4,6-Dinitro-2-methylphenol	10.27	198	6207	3.03	ng	# 1
65) n-Nitrosodiphenylamine	10.30	169	90662	8.98	ng	# 44
68) Atrazine	10.84	200	17776	6.06	ng	# 1
70) Phenanthrene	11.14	178	479195	28.01	ng	# 92
71) Anthracene	11.20	178	73005	4.18	ng	# 57
73) Di-n-butylphthalate	11.68	149	75202	3.97	ng	# 38
74) Fluoranthene	12.38	202	186449	10.65	ng	# 50
77) Pyrene	12.61	202	289081	17.98	ng	# 70
80) Benzo(a)anthracene	13.83	228	209249	14.37	ng	# 67
82) Chrysene	13.83	228	209527	15.52	ng	# 73
84) Di-n-octyl phthalate	14.40	149	49258	2.88	ng	# 72
85) Indeno(1,2,3-cd)pyrene	16.40	276	34028	2.77	ng	# 72
87) Benzo(b)fluoranthene	14.80	252	105060	6.55	ng	# 1
88) Benzo(k)fluoranthene	14.80	252	105060	8.79	ng	# 1
89) Benzo(a)pyrene	15.11	252	42739	3.23	ng	# 1
91) Benzo(g,h,i)perylene	16.77	276	36102	3.07	ng	# 25

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

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QLast Update : Sun Nov 22 09:22:46 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.74 min Scan# 416

Delta R.T. 0.08 min

Lab File: BF083289.D

Acq: 25 Nov 2015 22:48

Instrument :

BNA_F

ClientSampleId :

STOCKPILE-GRAB1

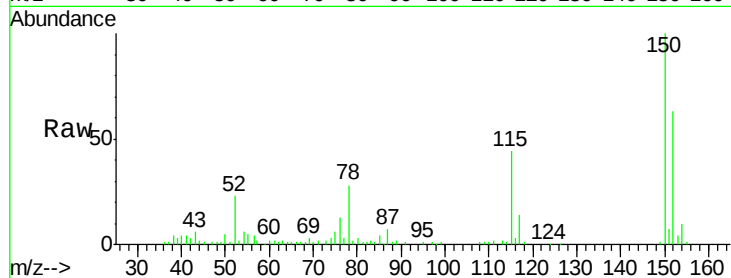
Tgt Ion:152 Resp: 42406

Ion Ratio Lower Upper

152 100

150 158.5 125.8 188.8

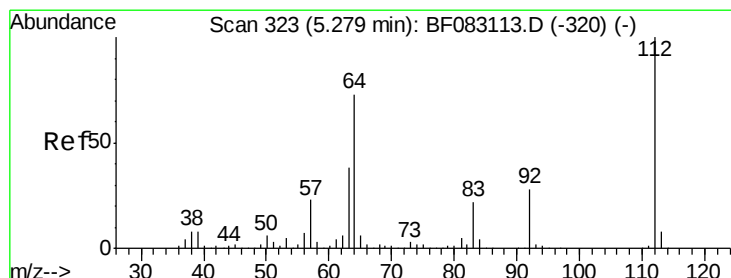
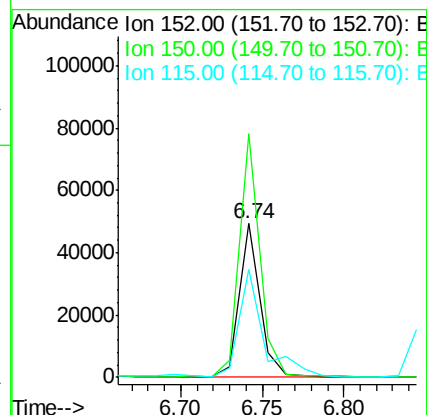
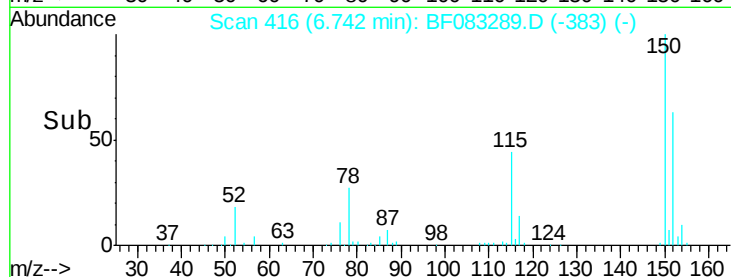
115 70.2 46.9 70.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 31.96 ng

RT: 5.18 min Scan# 279

Delta R.T. -0.10 min

Lab File: BF083289.D

Acq: 25 Nov 2015 22:48

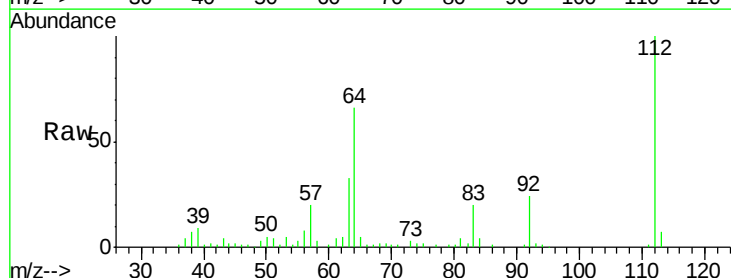
Tgt Ion:112 Resp: 89646

Ion Ratio Lower Upper

112 100

64 66.0 58.4 87.6

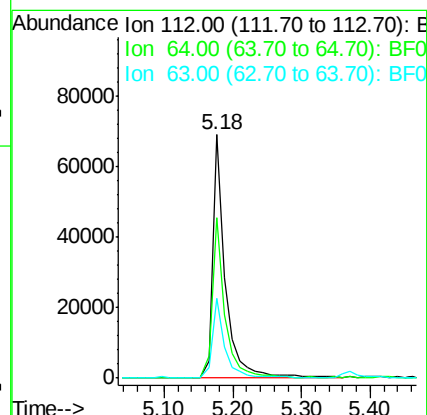
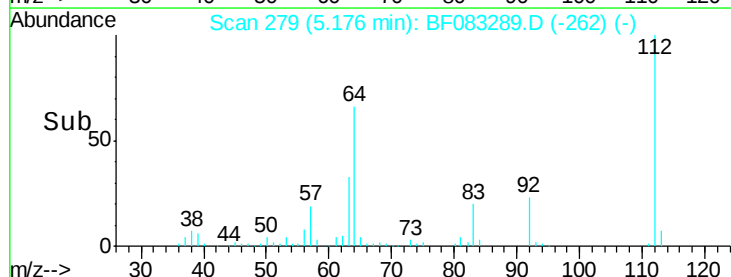
63 32.6 30.0 45.0



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: 38.11 ng

RT: 6.25 min Scan# 373

Delta R.T. -0.09 min

Lab File: BF083289.D

Acq: 25 Nov 2015 22:48

Instrument :

BNA_F

ClientSampleId :

STOCKPILE-GRAB1

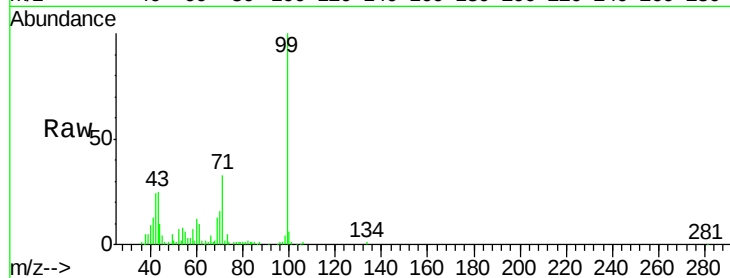
Tgt Ion: 99 Resp: 138296

Ion Ratio Lower Upper

99 100

42 24.1 17.7 26.5

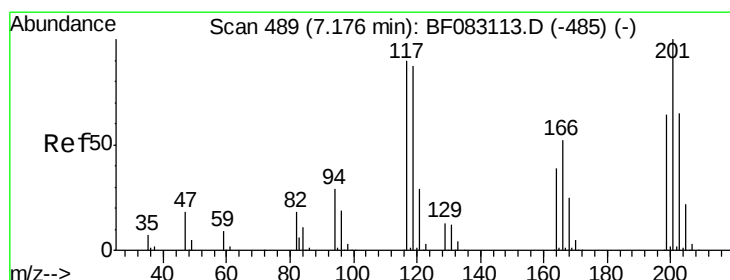
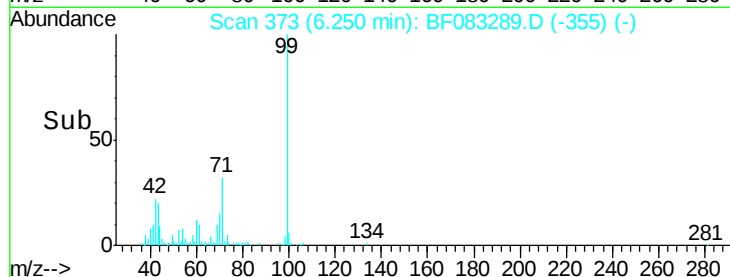
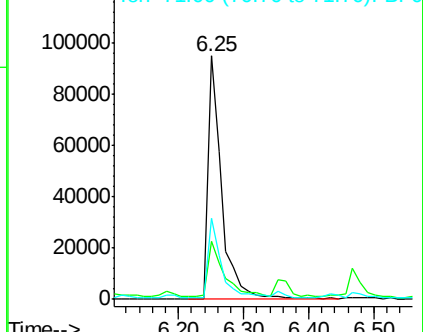
71 33.1 30.2 45.4



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



#18

Hexachloroethane

Concen: 3.80 ng

RT: 7.27 min Scan# 462

Delta R.T. 0.09 min

Lab File: BF083289.D

Acq: 25 Nov 2015 22:48

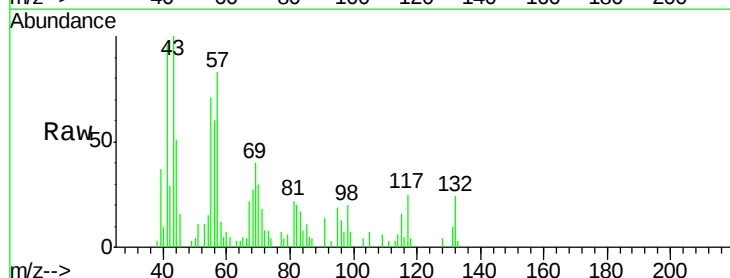
Tgt Ion: 117 Resp: 4685

Ion Ratio Lower Upper

117 100

119 0.0 76.8 115.2#

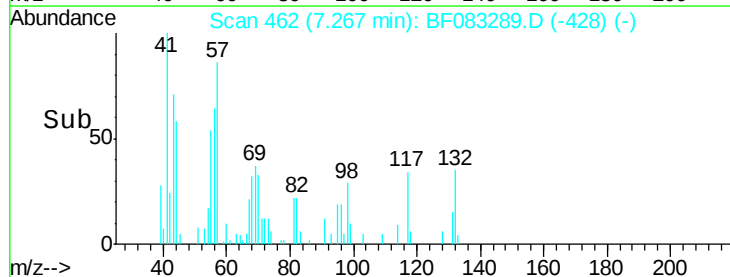
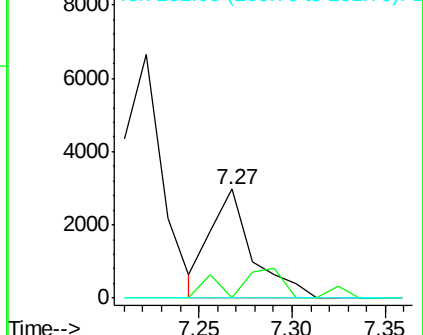
201 0.0 88.6 133.0#

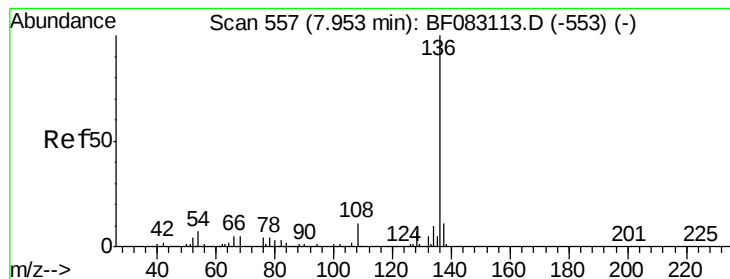


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.87 min Scan# 515

Delta R.T. -0.08 min

Lab File: BF083289.D

Acq: 25 Nov 2015 22:48

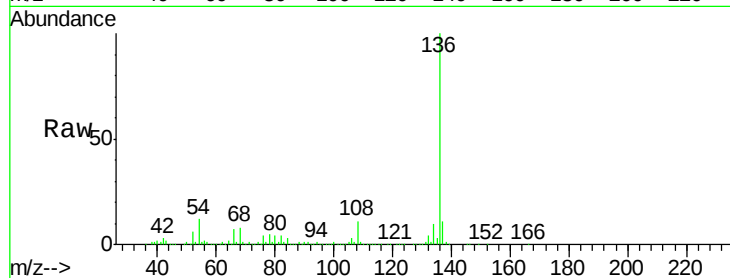
Instrument :

BNA_F

ClientSampleId :

STOCKPILE-GRAB1

Tgt Ion:	136	Resp:	495193
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	12.3	5.8	8.6#
68	8.3	3.8	5.8#

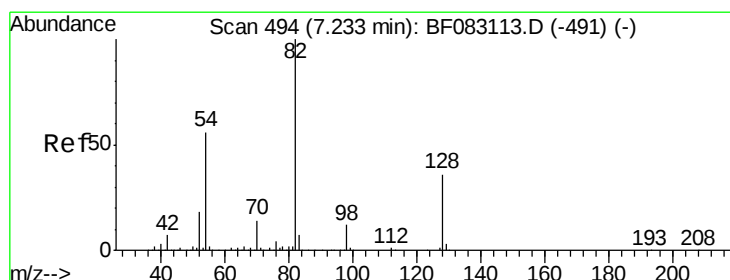
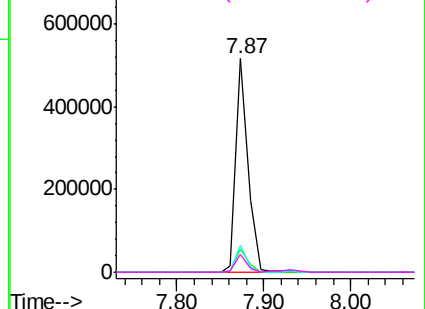
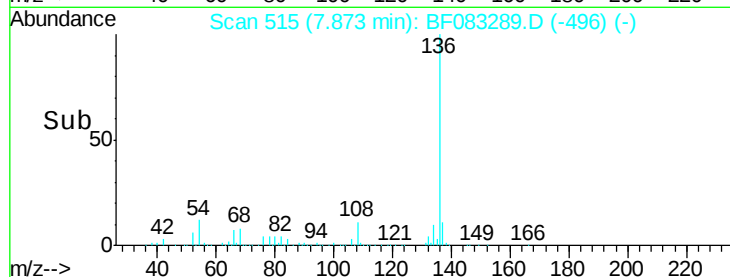


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 6.90 ng

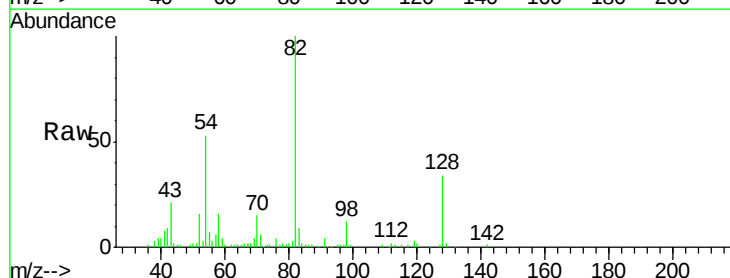
RT: 7.15 min Scan# 452

Delta R.T. -0.08 min

Lab File: BF083289.D

Acq: 25 Nov 2015 22:48

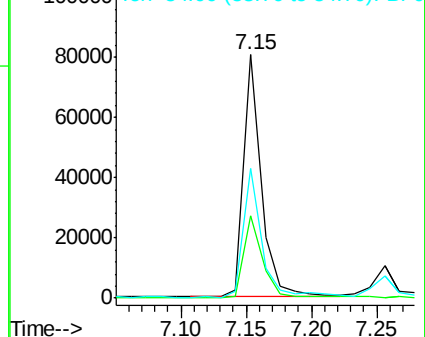
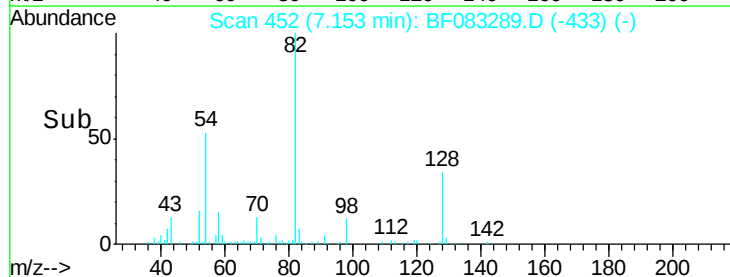
Tgt Ion:	82	Resp:	74807
Ion	Ratio	Lower	Upper
82	100		
128	33.7	28.5	42.7
54	53.1	44.6	67.0

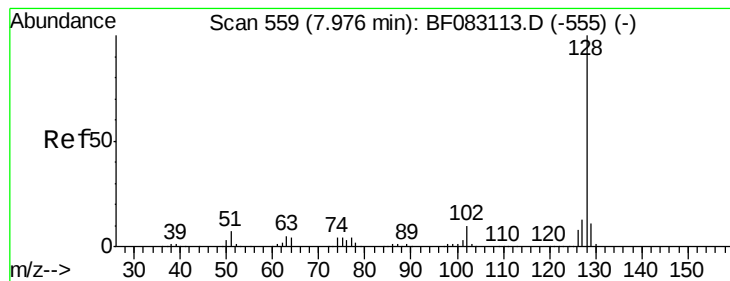


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#31

Naphthalene

Concen: 3.58 ng

RT: 7.90 min Scan# 517

Delta R.T. -0.08 min

Lab File: BF083289.D

Acq: 25 Nov 2015 22:48

Instrument :

BNA_F

ClientSampleId :

STOCKPILE-GRAB1

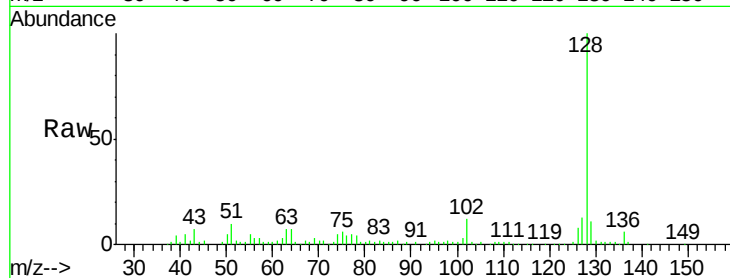
Tgt Ion:128 Resp: 95725

Ion Ratio Lower Upper

128 100

129 11.0 9.0 13.4

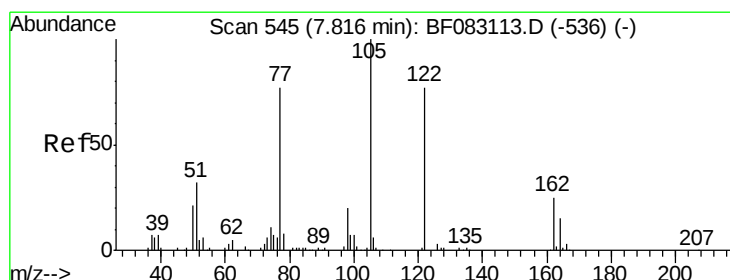
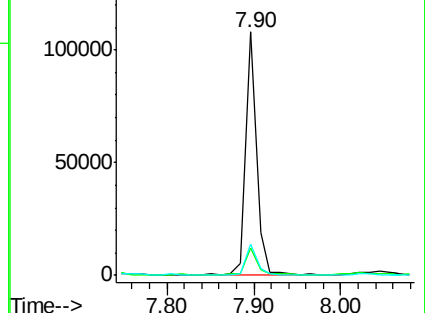
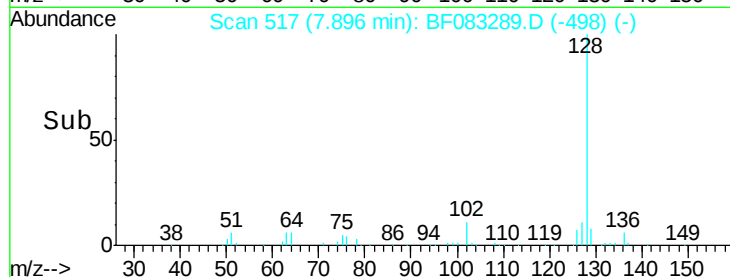
127 12.6 10.6 15.8



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: 2.21 ng

RT: 7.68 min Scan# 498

Delta R.T. -0.14 min

Lab File: BF083289.D

Acq: 25 Nov 2015 22:48

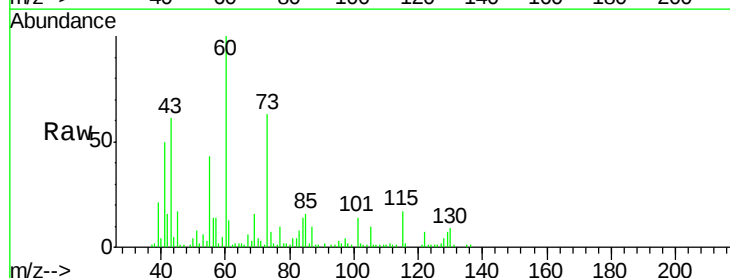
Tgt Ion:122 Resp: 14025

Ion Ratio Lower Upper

122 100

105 138.1 109.7 149.7

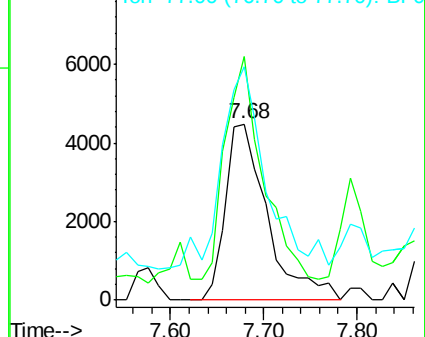
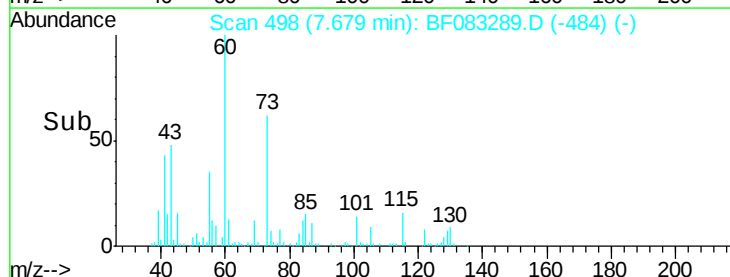
77 132.3 79.7 119.7#

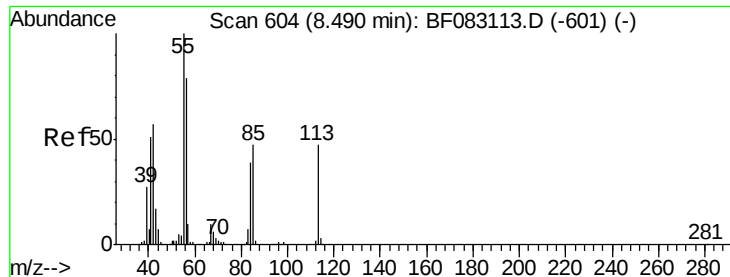


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

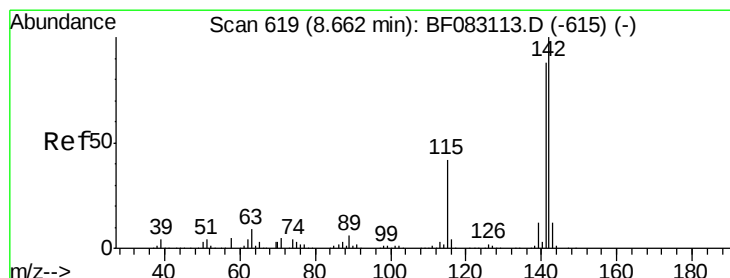
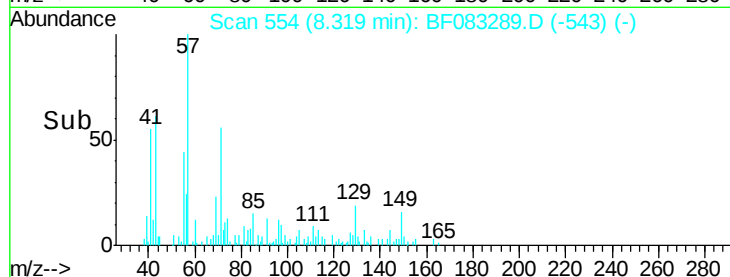
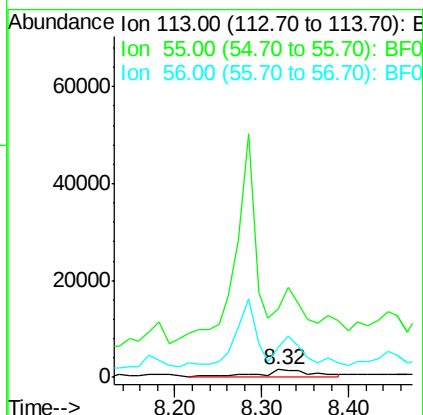
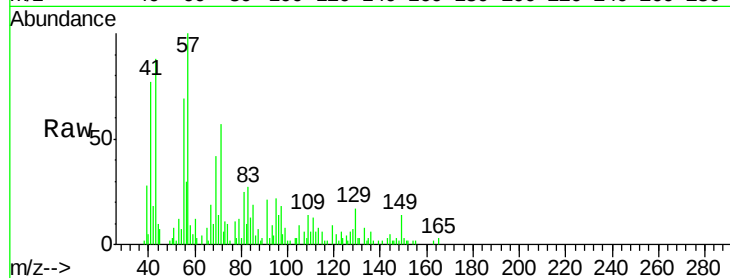




#35
 Caprolactam
 Concen: 3.06 ng
 RT: 8.32 min Scan# 554
 Delta R.T. -0.17 min
 Lab File: BF083289.D
 Acq: 25 Nov 2015 22:48

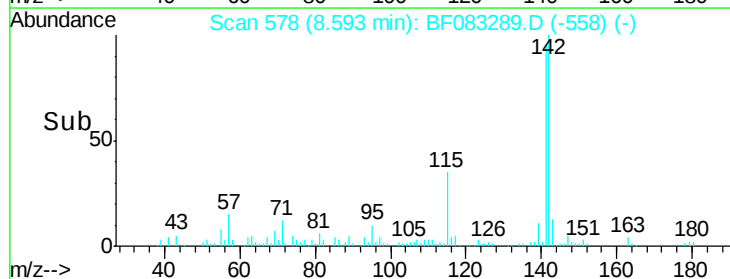
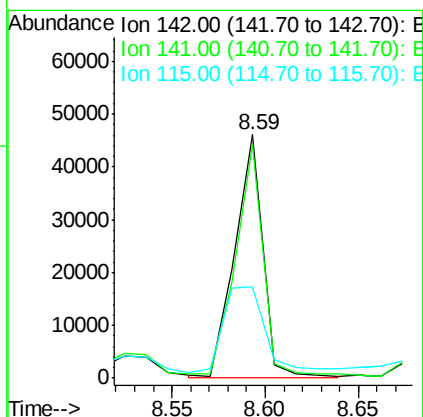
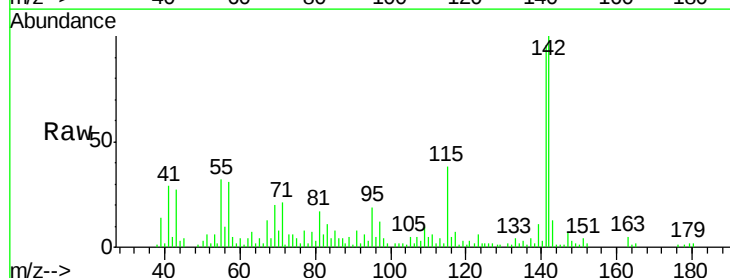
Instrument :
 BNA_F
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 STOCKPILE-GRAB1

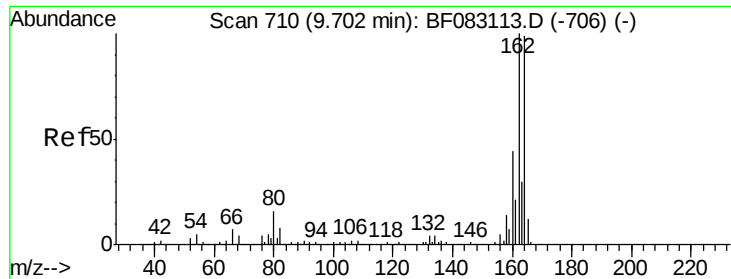
Tgt Ion:113 Resp: 7602
 Ion Ratio Lower Upper
 113 100
 55 867.8 192.6 232.6#
 56 381.5 148.6 188.6#



#37
 2-Methylnaphthalene
 Concen: 2.83 ng
 RT: 8.59 min Scan# 578
 Delta R.T. -0.07 min
 Lab File: BF083289.D
 Acq: 25 Nov 2015 22:48

Tgt Ion:142 Resp: 49053
 Ion Ratio Lower Upper
 142 100
 141 95.8 70.3 105.5
 115 37.7 33.4 50.2





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.62 min Scan# 668

Delta R.T. -0.08 min

Lab File: BF083289.D

Acq: 25 Nov 2015 22:48

Instrument :

BNA_F

ClientSampleId :

STOCKPILE-GRAB1

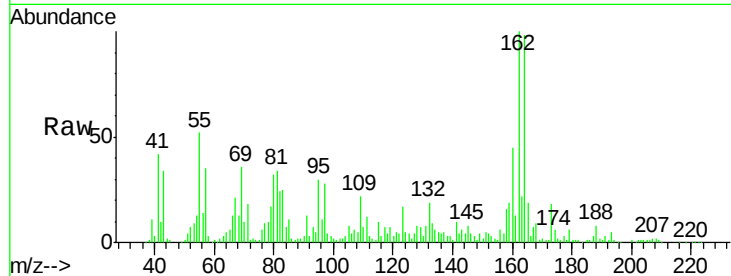
Tgt Ion:164 Resp: 204142

Ion Ratio Lower Upper

164 100

162 102.1 81.2 121.8

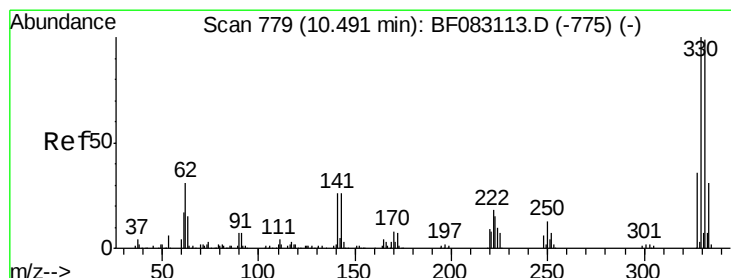
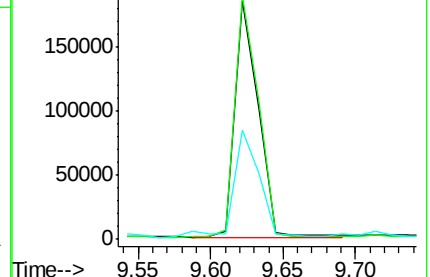
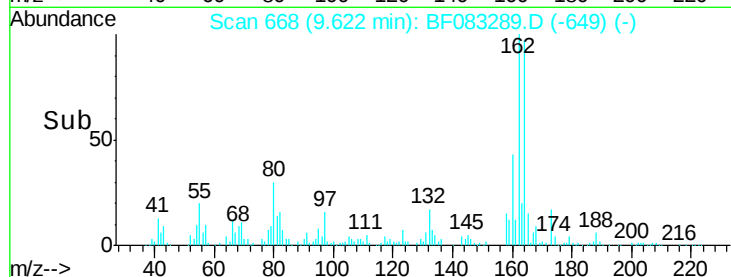
160 45.9 35.6 53.4



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: 7.80 ng

RT: 10.42 min Scan# 738

Delta R.T. -0.07 min

Lab File: BF083289.D

Acq: 25 Nov 2015 22:48

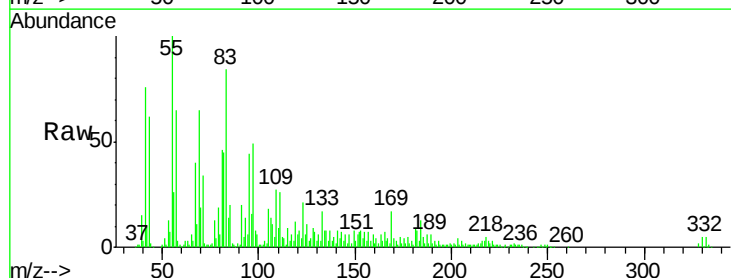
Tgt Ion:330 Resp: 16293

Ion Ratio Lower Upper

330 100

332 98.1 77.7 116.5

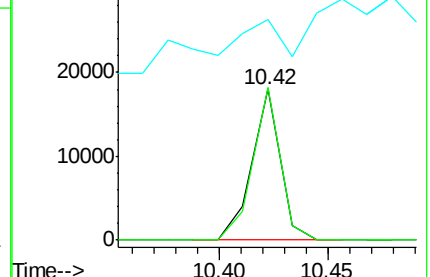
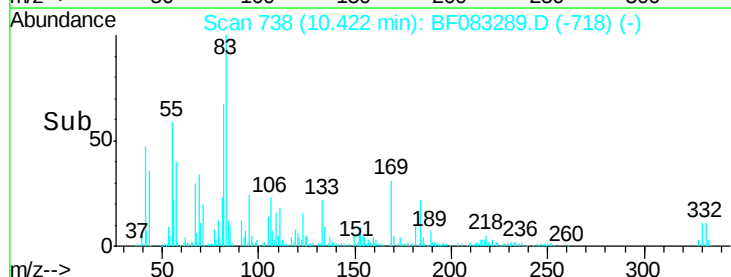
141 93.9 29.7 44.5#

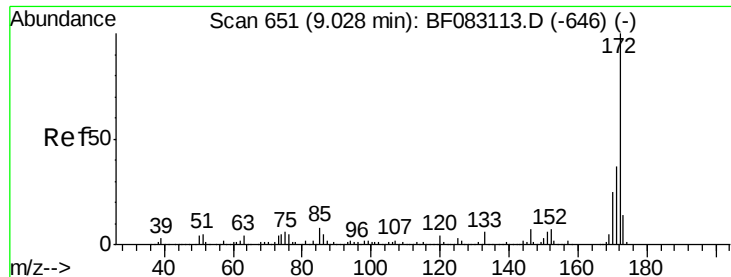


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

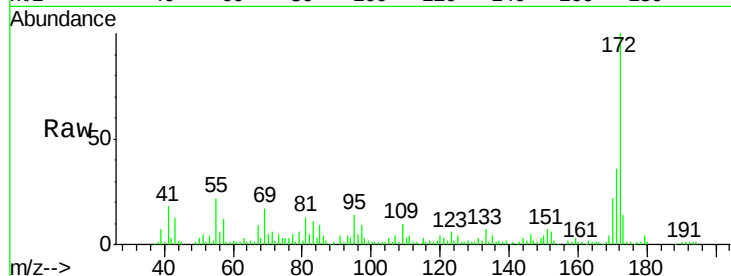




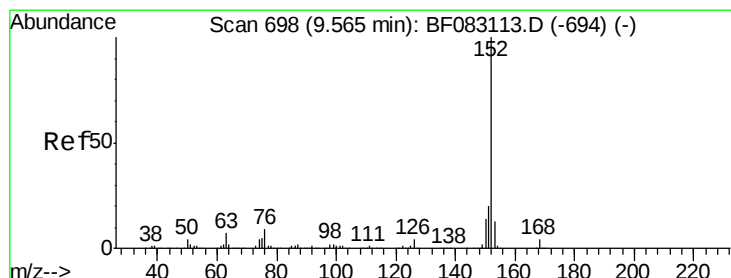
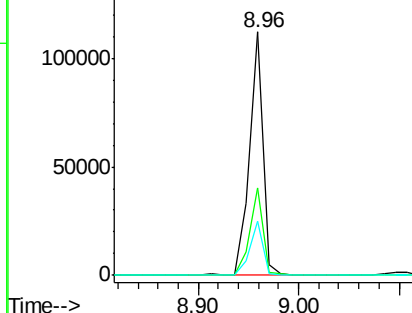
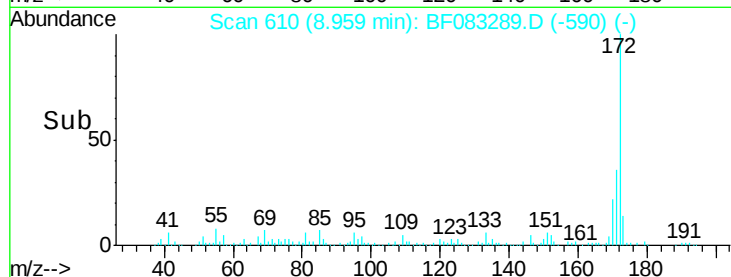
#44
 2-Fluorobiphenyl
 Concen: 7.18 ng
 RT: 8.96 min Scan# 610
 Delta R.T. -0.07 min
 Lab File: BF083289.D
 Acq: 25 Nov 2015 22:48

Instrument :
 BNA_F
 ClientSampleId :
 STOCKPILE-GRAB1

Tgt Ion:172 Resp: 105128
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.5 44.3
 170 22.4 19.9 29.9

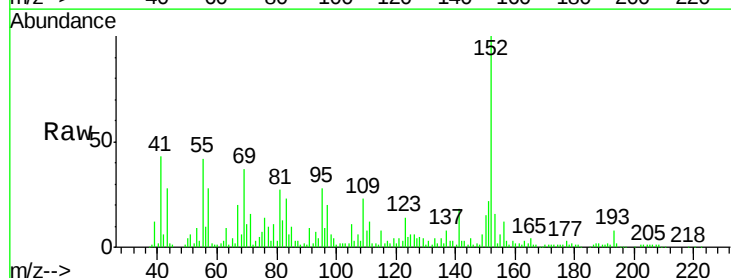


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

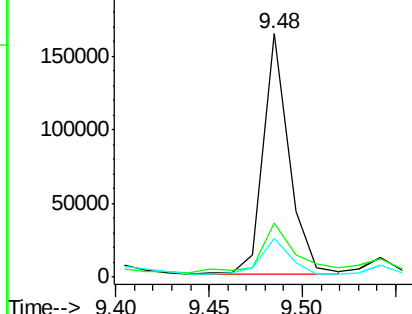
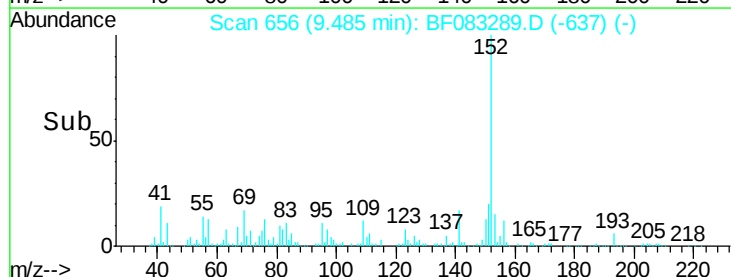


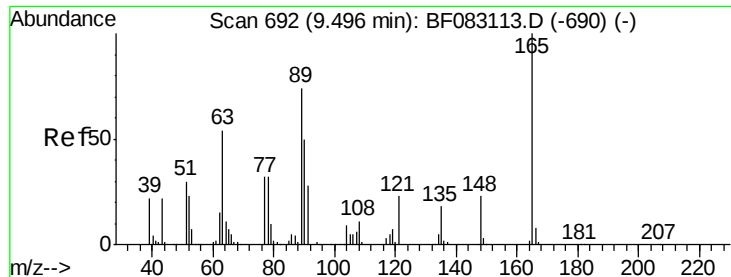
#48
 Acenaphthylene
 Concen: 7.24 ng
 RT: 9.48 min Scan# 656
 Delta R.T. -0.08 min
 Lab File: BF083289.D
 Acq: 25 Nov 2015 22:48

Tgt Ion:152 Resp: 153202
 Ion Ratio Lower Upper
 152 100
 151 22.1 16.3 24.5
 153 16.1 10.8 16.2



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

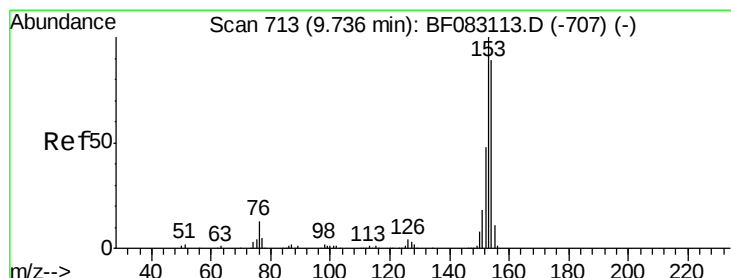
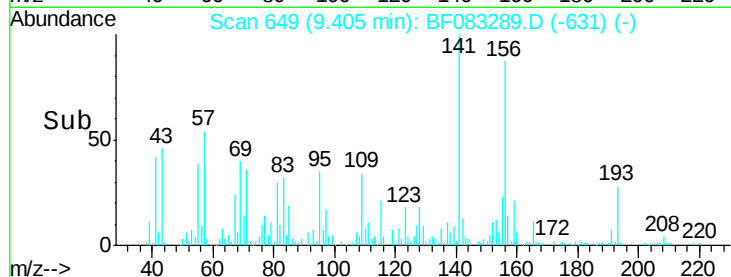
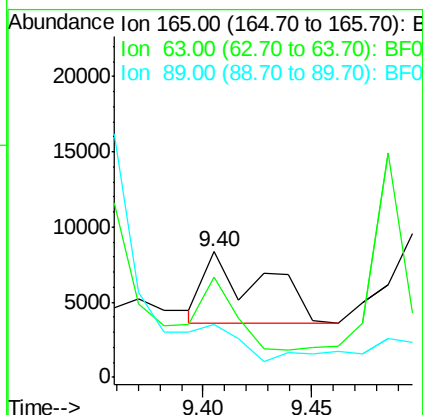
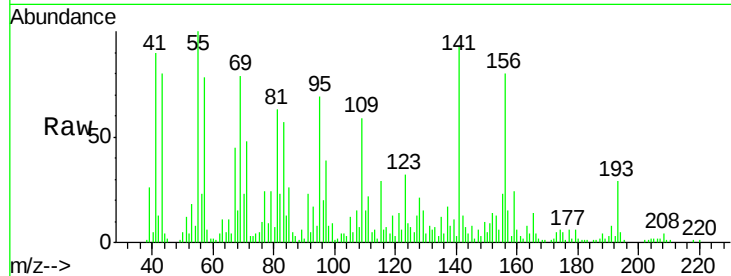




#50
 2,6-Dinitrotoluene
 Concen: 2.56 ng
 RT: 9.40 min Scan# 649
 Delta R.T. -0.09 min
 Lab File: BF083289.D
 Acq: 25 Nov 2015 22:48

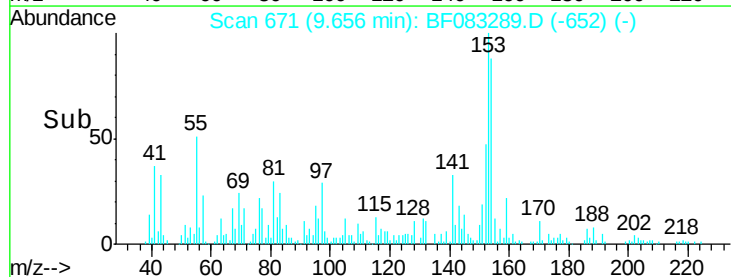
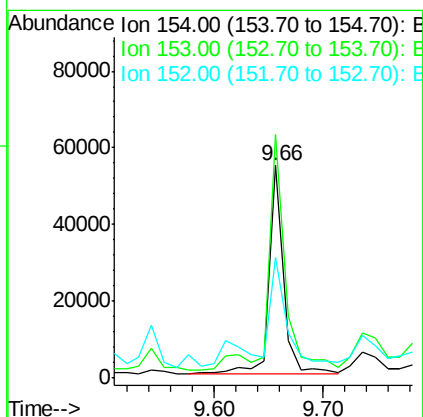
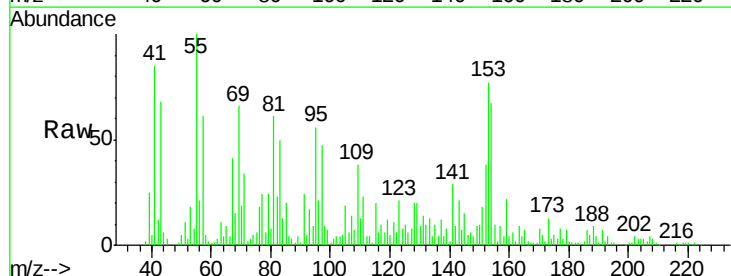
Instrument :
 BNA_F
 ClientSampleId :
 STOCKPILE-GRAB1

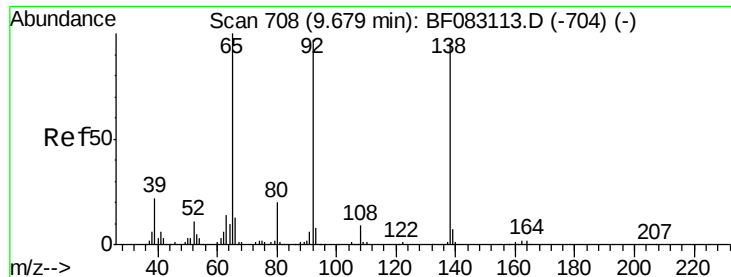
Tgt Ion:165 Resp: 9019
 Ion Ratio Lower Upper
 165 100
 63 79.9 62.5 93.7
 89 42.3 59.1 88.7#



#51
 Acenaphthene
 Concen: 4.04 ng
 RT: 9.66 min Scan# 671
 Delta R.T. -0.08 min
 Lab File: BF083289.D
 Acq: 25 Nov 2015 22:48

Tgt Ion:154 Resp: 52031
 Ion Ratio Lower Upper
 154 100
 153 114.5 89.6 134.4
 152 56.7 43.3 64.9





#52

3-Nitroaniline

Concen: 2.05 ng

RT: 9.58 min Scan# 664

Delta R.T. -0.10 min

Lab File: BF083289.D

Acq: 25 Nov 2015 22:48

Instrument :

BNA_F

ClientSampleId :

STOCKPILE-GRAB1

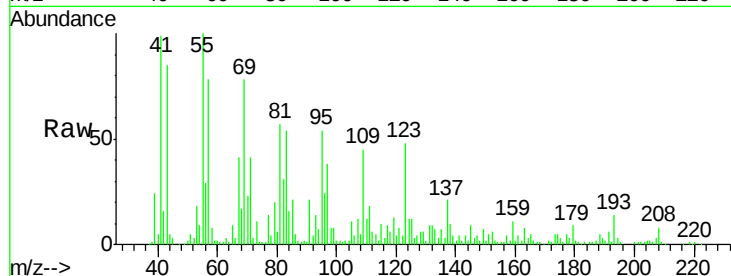
Tgt Ion:138 Resp: 7694

Ion Ratio Lower Upper

138 100

108 50.6 7.8 11.6#

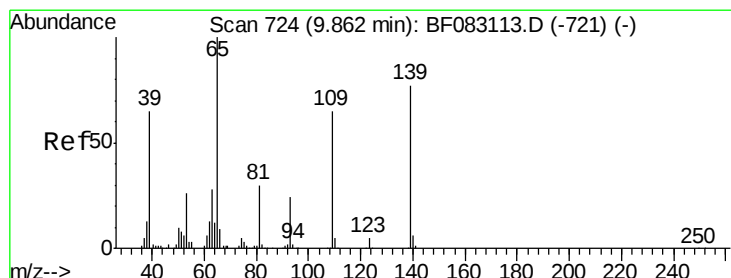
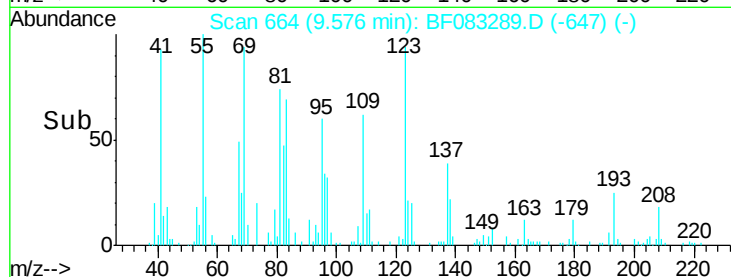
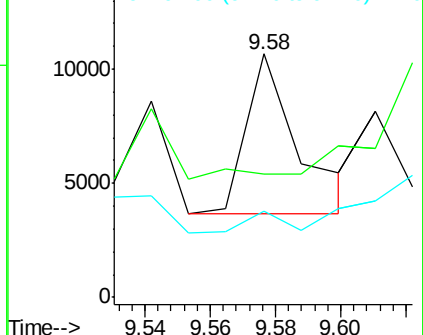
92 35.6 81.1 121.7#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0



#55

4-Nitrophenol

Concen: 2.40 ng

RT: 9.74 min Scan# 678

Delta R.T. -0.13 min

Lab File: BF083289.D

Acq: 25 Nov 2015 22:48

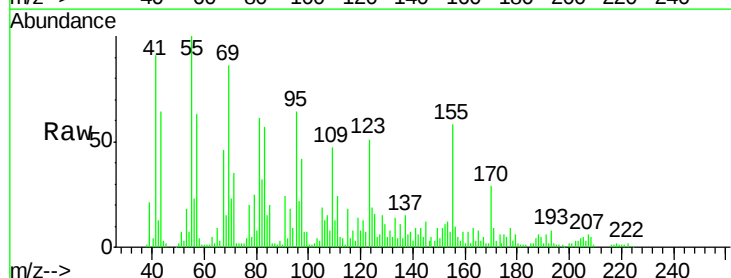
Tgt Ion:139 Resp: 6916

Ion Ratio Lower Upper

139 100

109 678.6 64.0 104.0#

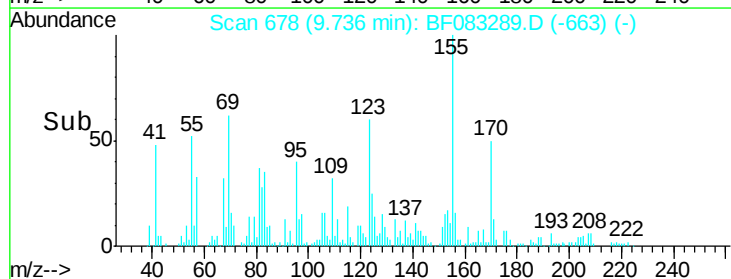
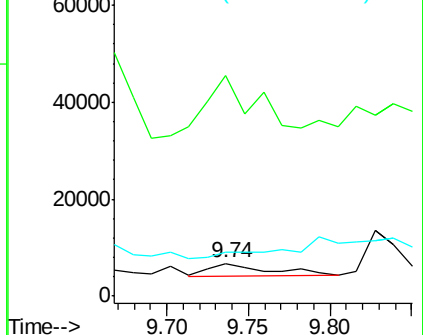
65 136.9 109.5 149.5

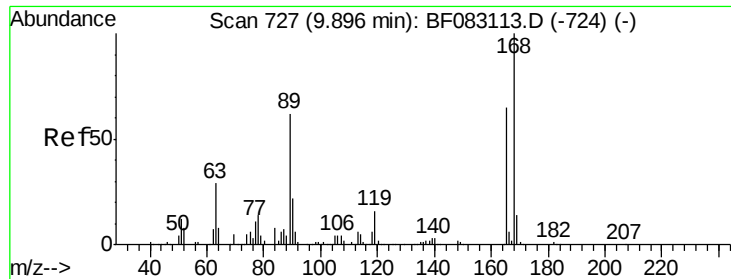


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#56

2,4-Dinitrotoluene

Concen: 2.29 ng

RT: 9.84 min Scan# 687

Delta R.T. -0.06 min

Lab File: BF083289.D

Acq: 25 Nov 2015 22:48

Instrument :

BNA_F

ClientSampleId :

STOCKPILE-GRAB1

Tgt Ion:165 Resp: 10248

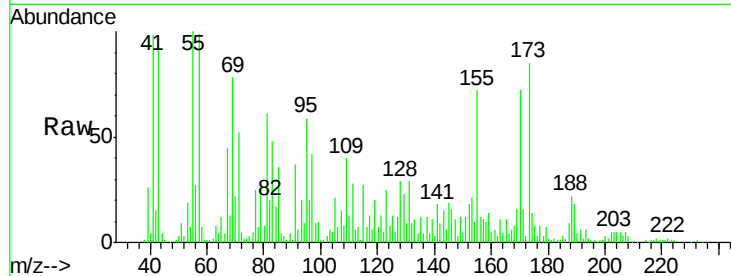
Ion Ratio Lower Upper

165 100

63 70.3 54.5 81.7

89 36.5 77.3 115.9#

182 13.4 1.8 2.6#

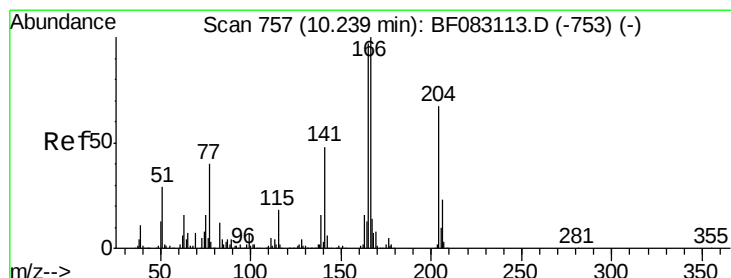
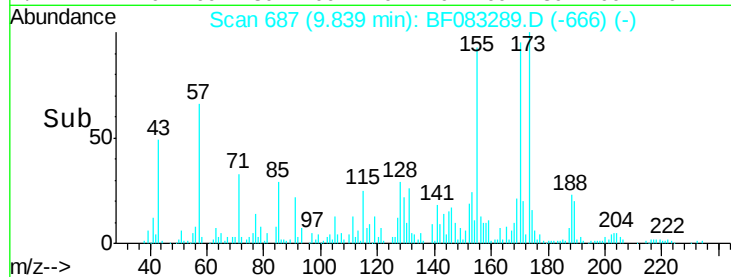
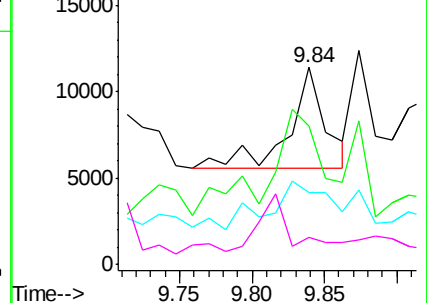


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#57

Fluorene

Concen: 6.31 ng

RT: 10.17 min Scan# 716

Delta R.T. -0.07 min

Lab File: BF083289.D

Acq: 25 Nov 2015 22:48

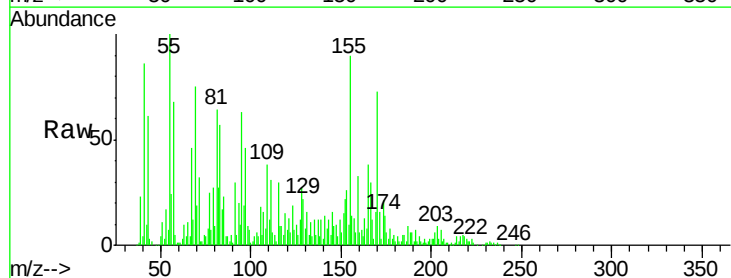
Tgt Ion:166 Resp: 94917

Ion Ratio Lower Upper

166 100

165 124.7 78.0 117.0#

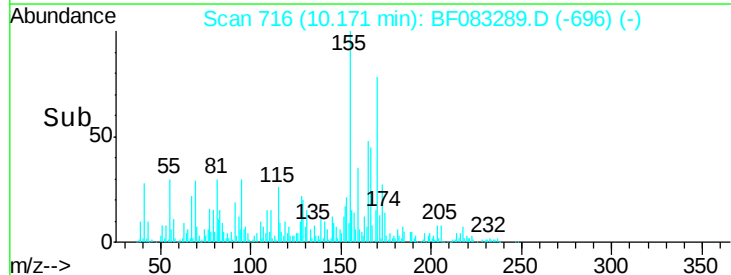
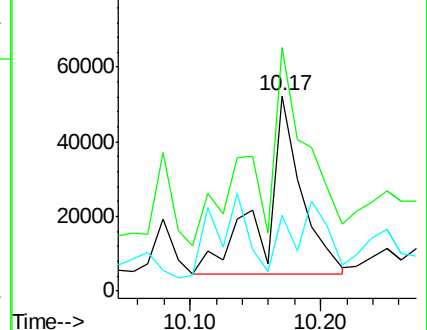
167 38.8 11.3 16.9#

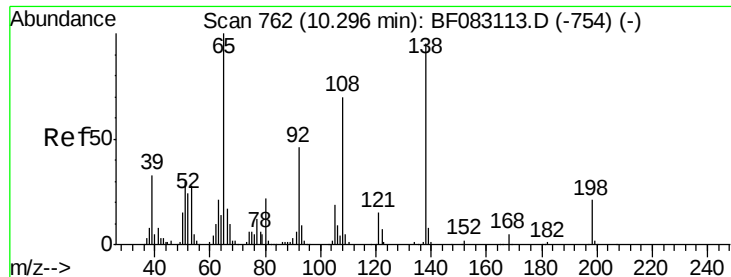


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

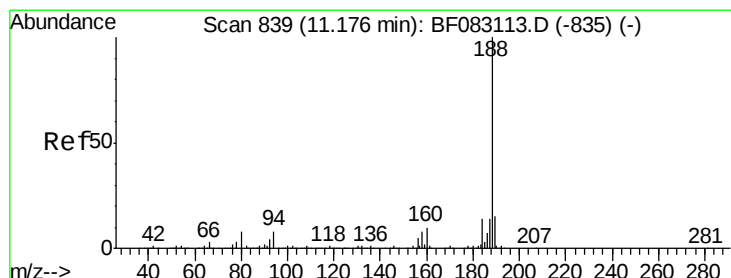
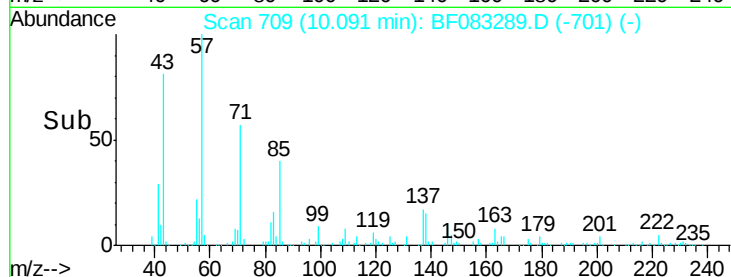
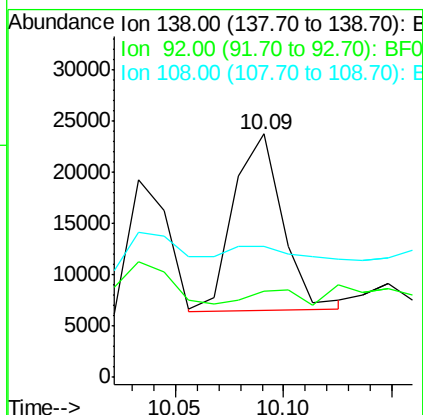
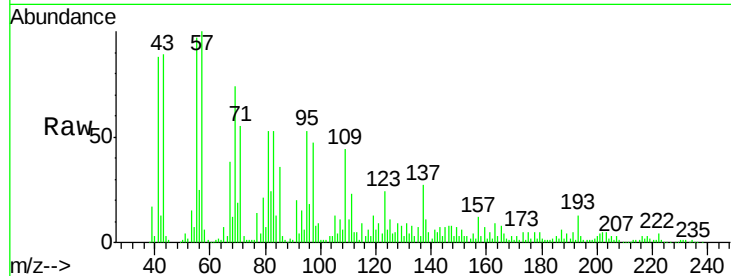




#61
4-Nitroaniline
Concen: 7.32 ng
RT: 10.09 min Scan# 709
Delta R.T. -0.21 min
Lab File: BF083289.D
Acq: 25 Nov 2015 22:48

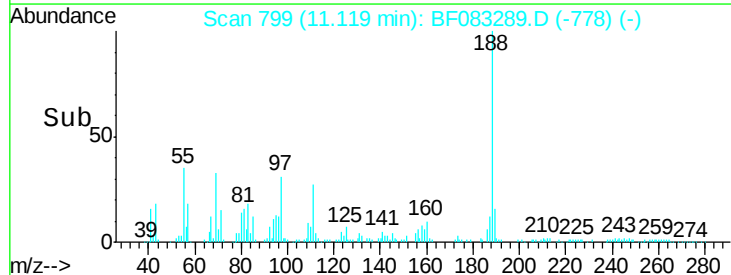
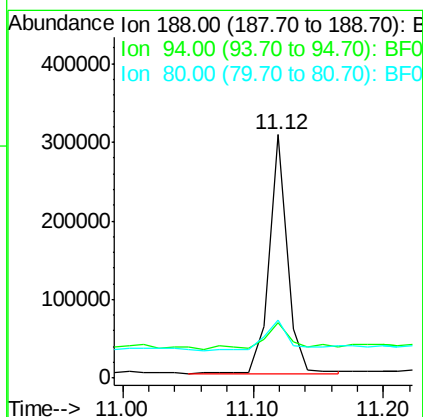
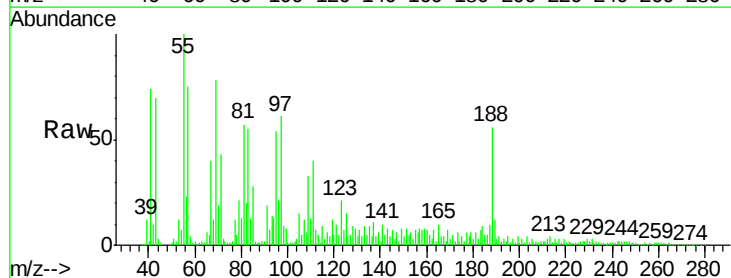
Instrument :
BNA_F
ClientSampleId :
STOCKPILE-GRAB1

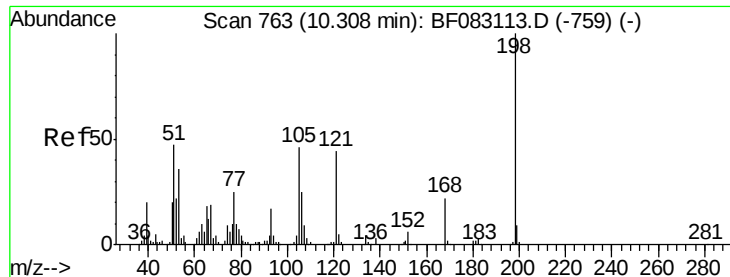
Tgt Ion:138 Resp: 27093
Ion Ratio Lower Upper
138 100
92 35.2 28.4 68.4
108 53.7 53.5 93.5



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.12 min Scan# 799
Delta R.T. -0.06 min
Lab File: BF083289.D
Acq: 25 Nov 2015 22:48

Tgt Ion:188 Resp: 296972
Ion Ratio Lower Upper
188 100
94 22.9 6.0 9.0#
80 23.7 6.7 10.1#





#64

4,6-Dinitro-2-methylphenol

Concen: 3.03 ng

RT: 10.27 min Scan# 725

Delta R.T. -0.03 min

Lab File: BF083289.D

Acq: 25 Nov 2015 22:48

Instrument :

BNA_F

ClientSampleId :

STOCKPILE-GRAB1

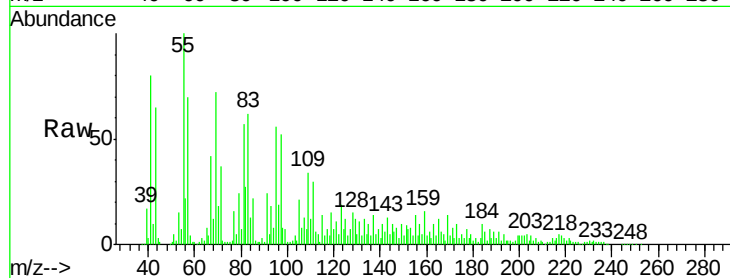
Tgt Ion:198 Resp: 6207

Ion Ratio Lower Upper

198 100

51 322.7 27.0 67.0#

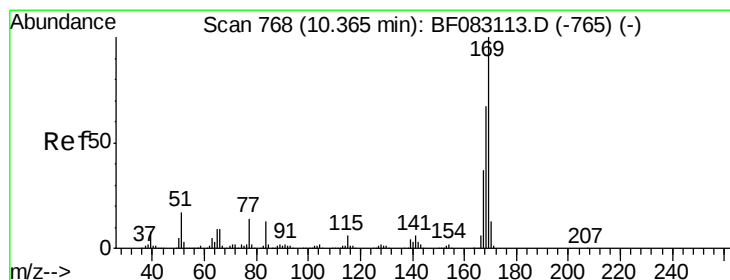
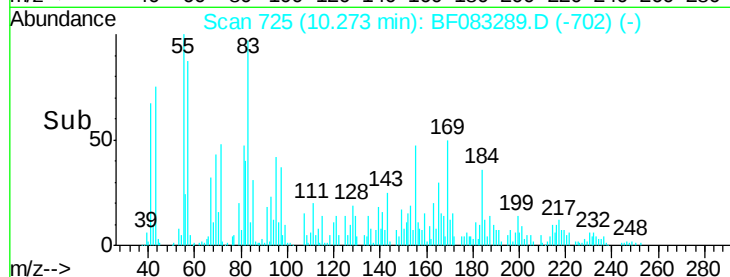
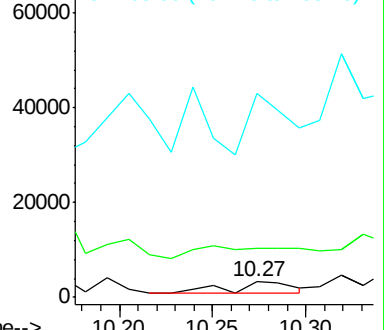
105 1340.0 26.1 66.1#



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: 8.98 ng

RT: 10.30 min Scan# 727

Delta R.T. -0.07 min

Lab File: BF083289.D

Acq: 25 Nov 2015 22:48

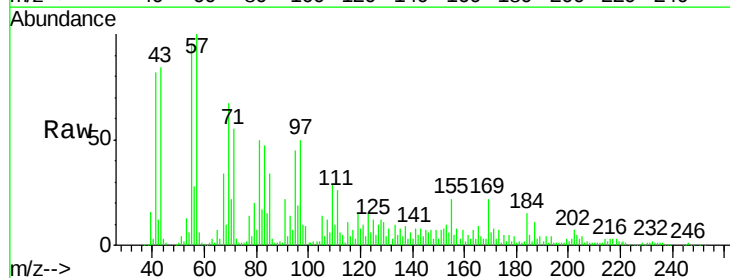
Tgt Ion:169 Resp: 90662

Ion Ratio Lower Upper

169 100

168 13.6 53.8 80.6#

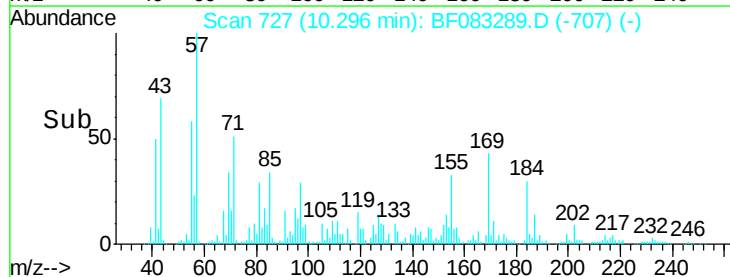
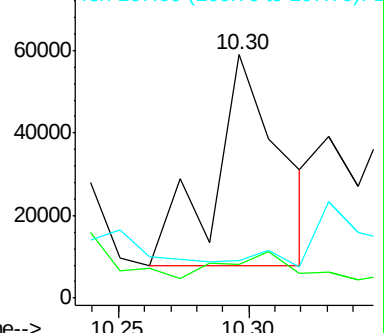
167 15.4 29.8 44.8#

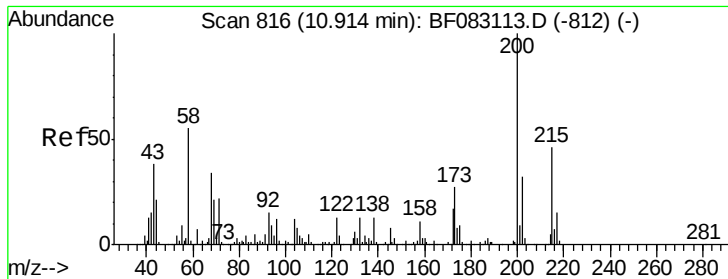


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

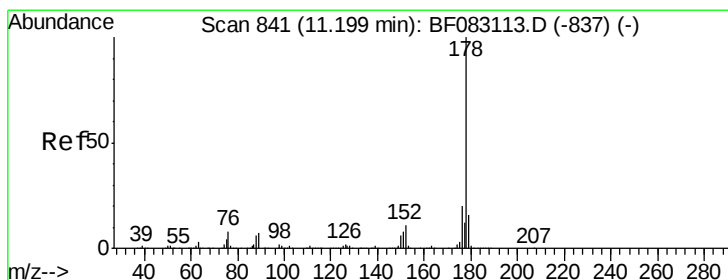
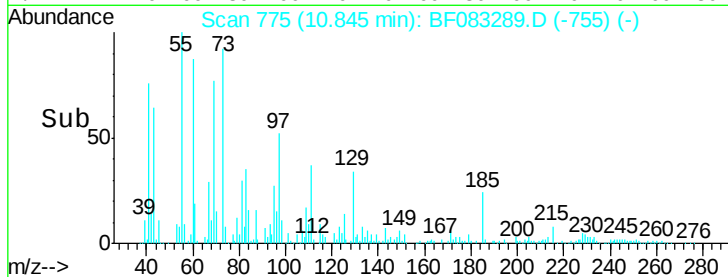
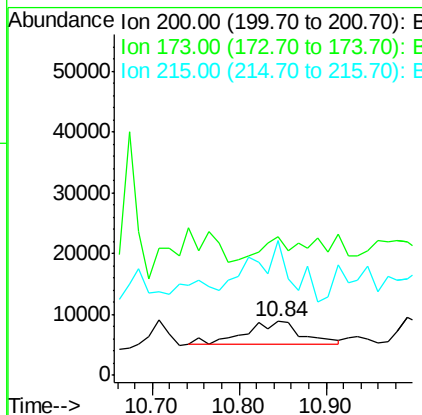
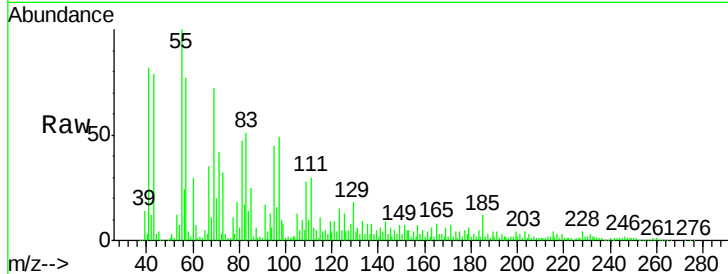




#68
Atrazine
Concen: 6.06 ng
RT: 10.84 min Scan# 775
Delta R.T. -0.07 min
Lab File: BF083289.D
Acq: 25 Nov 2015 22:48

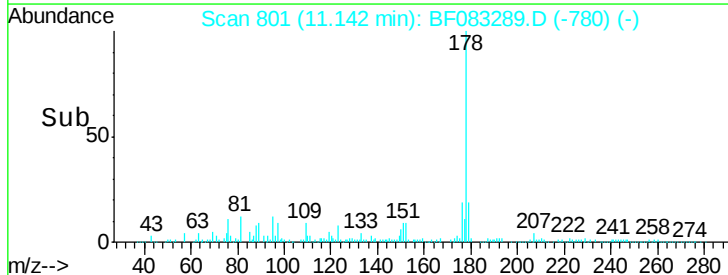
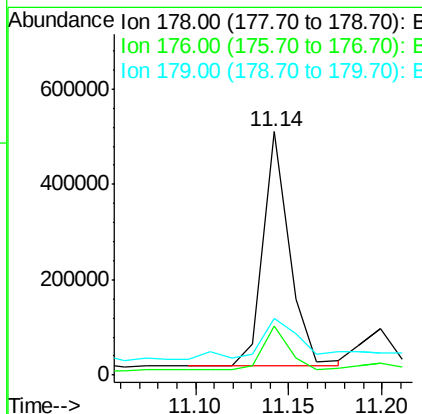
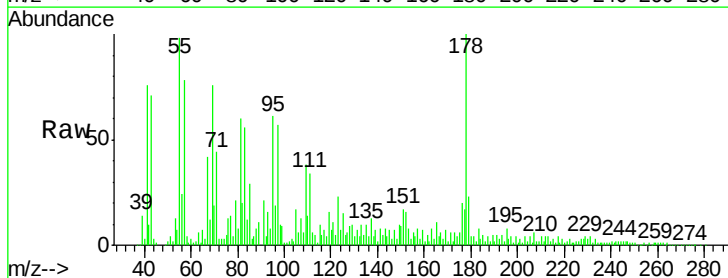
Instrument :
BNA_F
ClientSampleId :
STOCKPILE-GRAB1

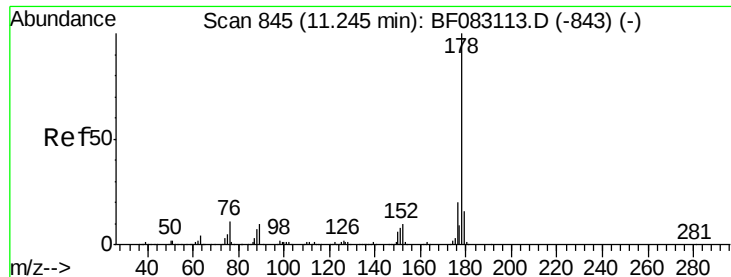
Tgt Ion:200 Resp: 17776
Ion Ratio Lower Upper
200 100
173 257.2 7.2 47.2#
215 248.7 25.7 65.7#



#70
Phenanthrene
Concen: 28.01 ng
RT: 11.14 min Scan# 801
Delta R.T. -0.06 min
Lab File: BF083289.D
Acq: 25 Nov 2015 22:48

Tgt Ion:178 Resp: 479195
Ion Ratio Lower Upper
178 100
176 20.3 16.2 24.2
179 23.1 12.8 19.2#

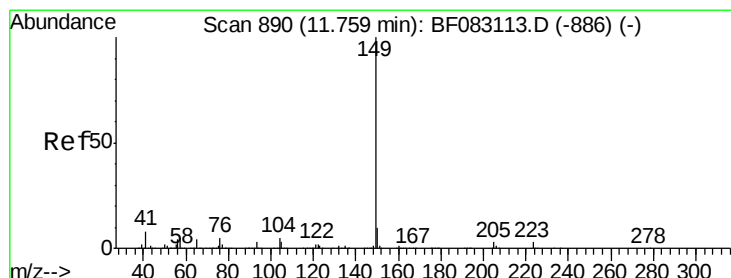
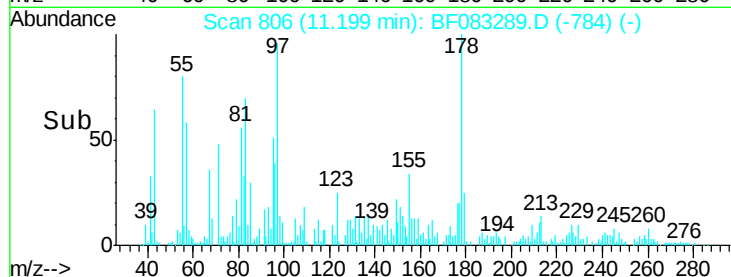
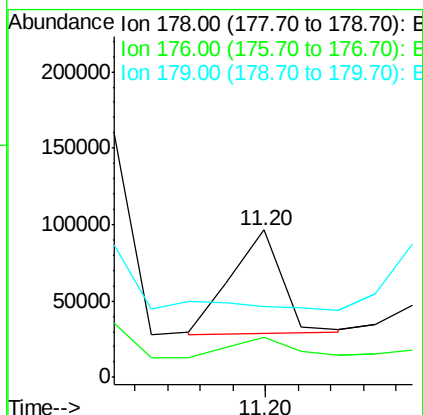
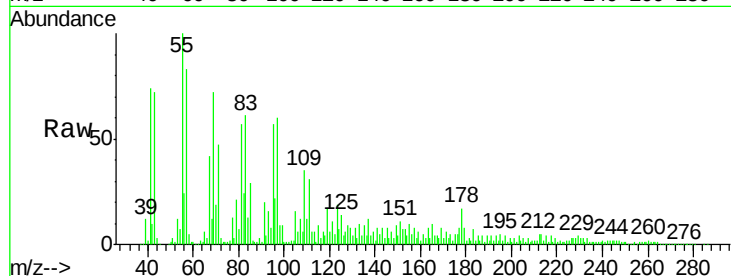




#71
 Anthracene
 Concen: 4.18 ng
 RT: 11.20 min Scan# 806
 Delta R.T. -0.05 min
 Lab File: BF083289.D
 Acq: 25 Nov 2015 22:48

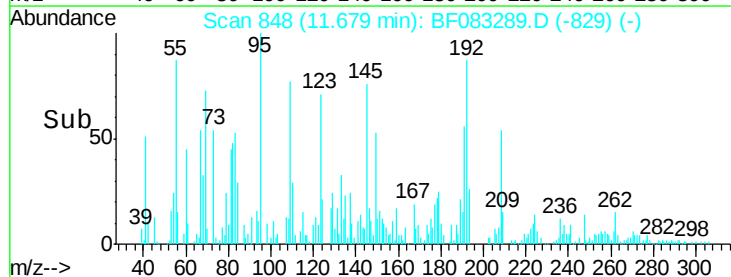
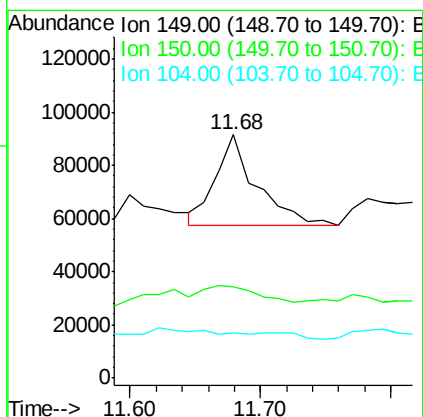
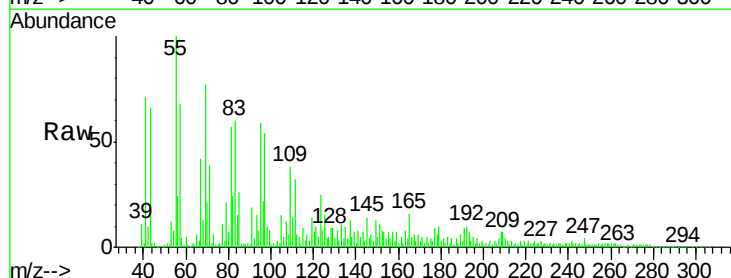
Instrument :
 BNA_F
 ClientSampleId :
 STOCKPILE-GRAB1

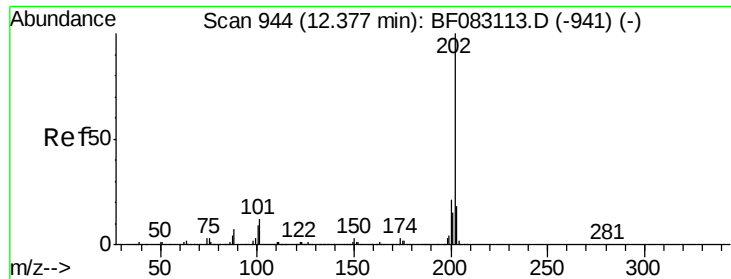
Tgt Ion:178 Resp: 73005
 Ion Ratio Lower Upper
 178 100
 176 27.3 15.6 23.4#
 179 48.1 13.2 19.8#



#73
 Di-n-butylphthalate
 Concen: 3.97 ng
 RT: 11.68 min Scan# 848
 Delta R.T. -0.08 min
 Lab File: BF083289.D
 Acq: 25 Nov 2015 22:48

Tgt Ion:149 Resp: 75202
 Ion Ratio Lower Upper
 149 100
 150 37.6 8.0 12.0#
 104 18.8 4.4 6.6#

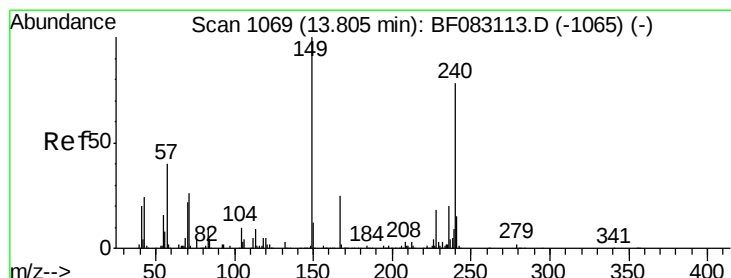
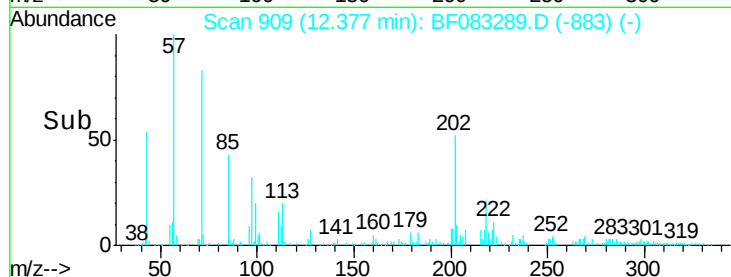
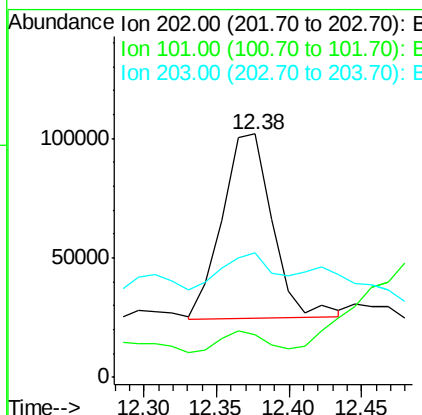
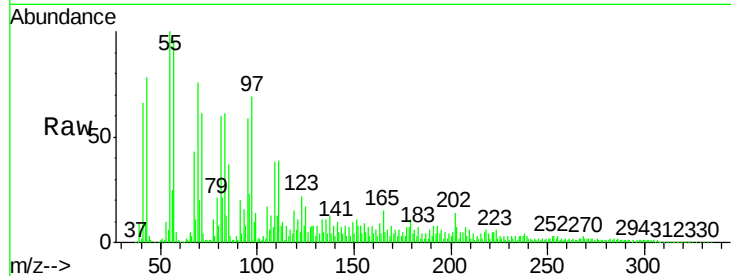




#74
Fluoranthene
Concen: 10.65 ng
RT: 12.38 min Scan# 909
Delta R.T. 0.00 min
Lab File: BF083289.D
Acq: 25 Nov 2015 22:48

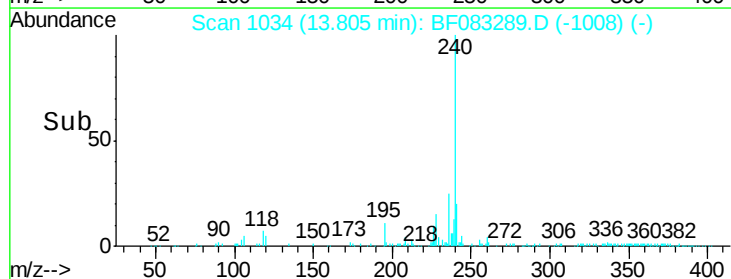
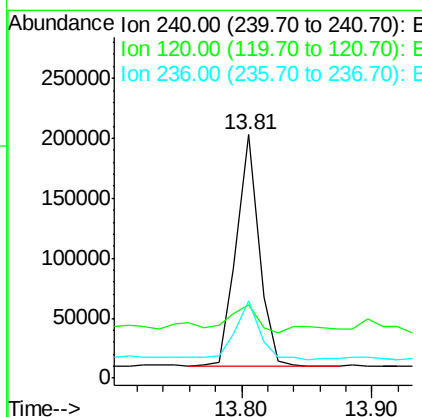
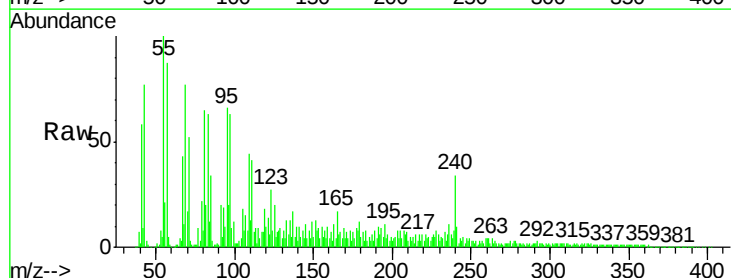
Instrument :
BNA_F
ClientSampleId :
STOCKPILE-GRAB1

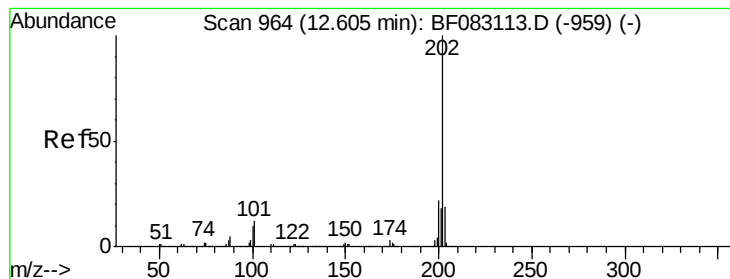
Tgt Ion	Ratio	Lower	Upper
202	100		
101	17.7	0.0	32.3
203	51.3	0.0	38.4#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.81 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BF083289.D
Acq: 25 Nov 2015 22:48

Tgt Ion	Ratio	Lower	Upper
240	100		
120	29.9	5.4	8.2#
236	31.9	20.6	31.0#





#77

Pyrene

Concen: 17.98 ng

RT: 12.61 min Scan# 929

Delta R.T. 0.00 min

Lab File: BF083289.D

Acq: 25 Nov 2015 22:48

Instrument :

BNA_F

ClientSampleId :

STOCKPILE-GRAB1

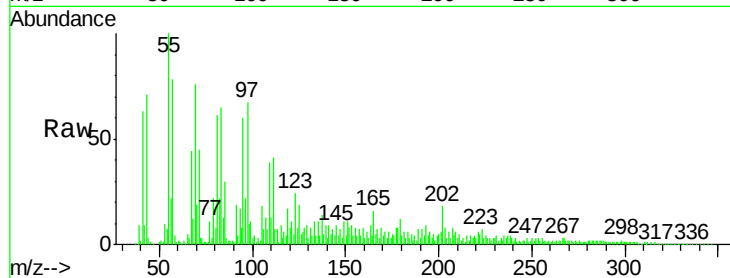
Tgt Ion:202 Resp: 289081

Ion Ratio Lower Upper

202 100

200 25.7 17.8 26.6

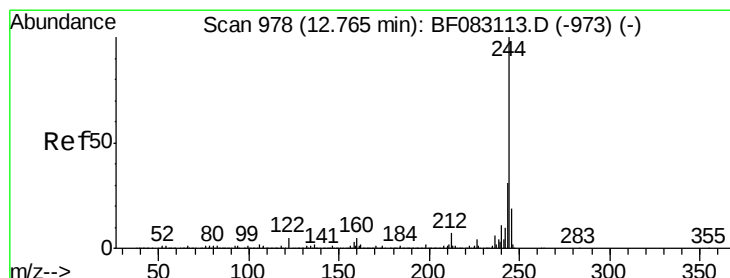
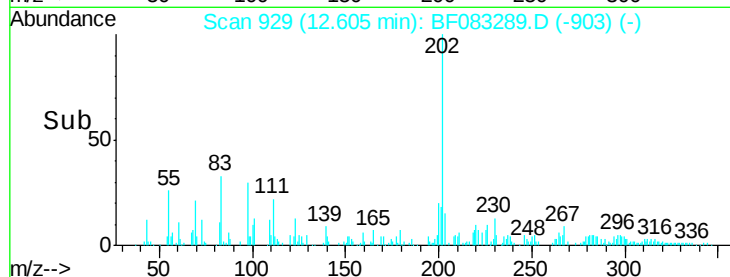
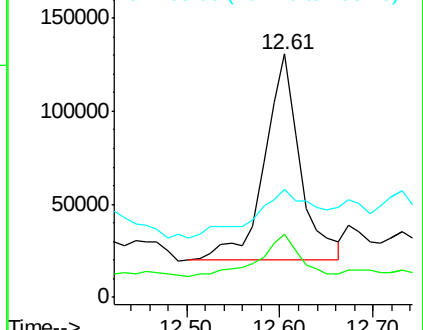
203 44.5 15.0 22.4#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 5.52 ng

RT: 12.75 min Scan# 942

Delta R.T. -0.01 min

Lab File: BF083289.D

Acq: 25 Nov 2015 22:48

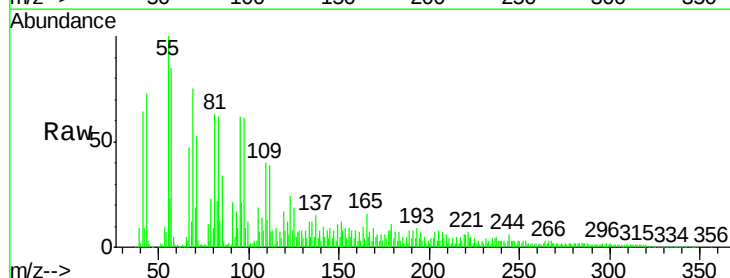
Tgt Ion:244 Resp: 55228

Ion Ratio Lower Upper

244 100

212 34.8 5.4 8.2#

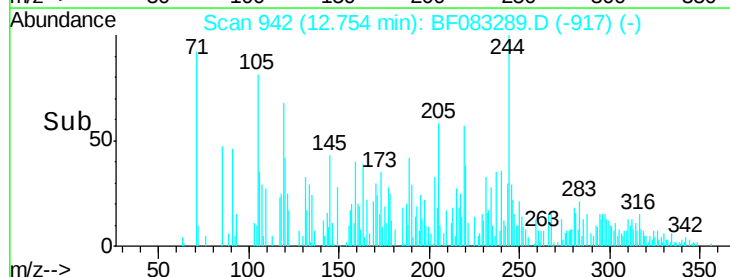
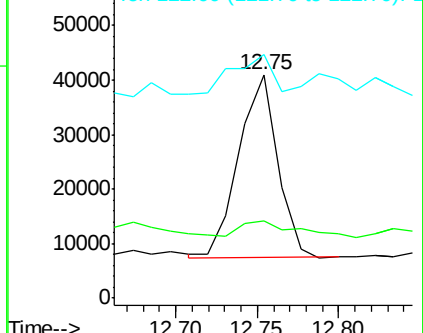
122 108.9 4.3 6.5#

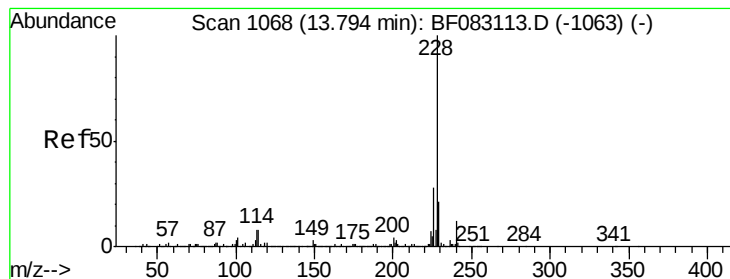


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 14.37 ng

RT: 13.83 min Scan# 1036

Delta R.T. 0.03 min

Lab File: BF083289.D

Acq: 25 Nov 2015 22:48

Instrument :

BNA_F

ClientSampleId :

STOCKPILE-GRAB1

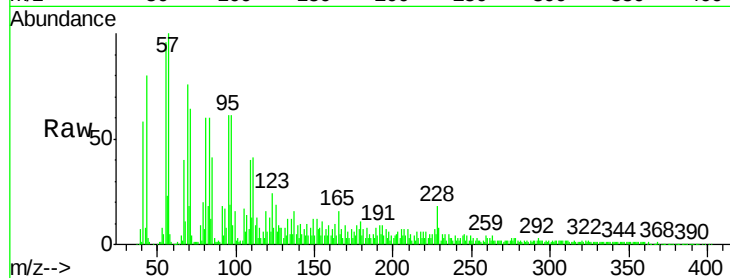
Tgt Ion:228 Resp: 209249

Ion Ratio Lower Upper

228 100

226 38.9 22.6 33.8#

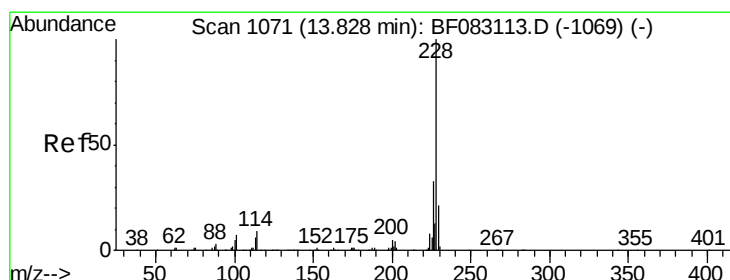
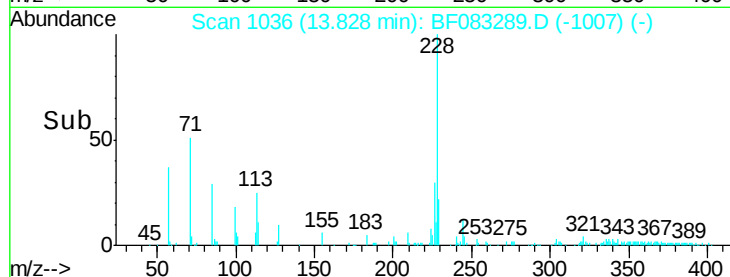
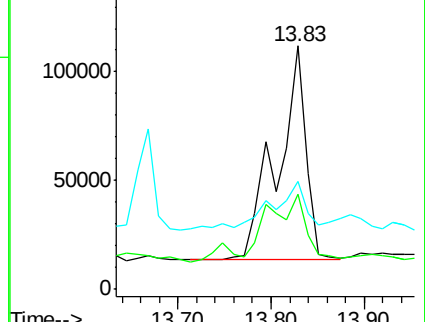
229 44.3 16.6 24.8#



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: 15.52 ng

RT: 13.83 min Scan# 1036

Delta R.T. 0.00 min

Lab File: BF083289.D

Acq: 25 Nov 2015 22:48

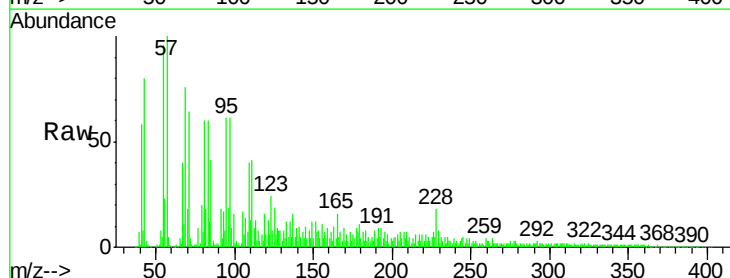
Tgt Ion:228 Resp: 209527

Ion Ratio Lower Upper

228 100

226 38.9 25.5 38.3#

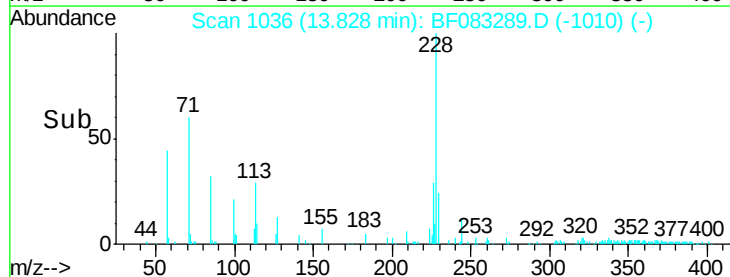
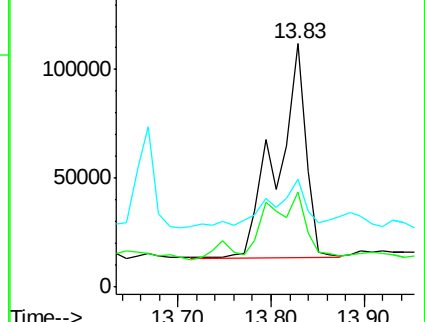
229 44.3 16.6 25.0#

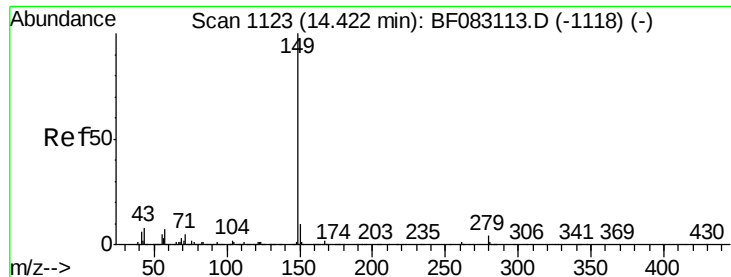


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#84

Di-n-octyl phthalate

Concen: 2.88 ng

RT: 14.40 min Scan# 1086

Delta R.T. -0.02 min

Lab File: BF083289.D

Acq: 25 Nov 2015 22:48

Instrument :

BNA_F

ClientSampleId :

STOCKPILE-GRAB1

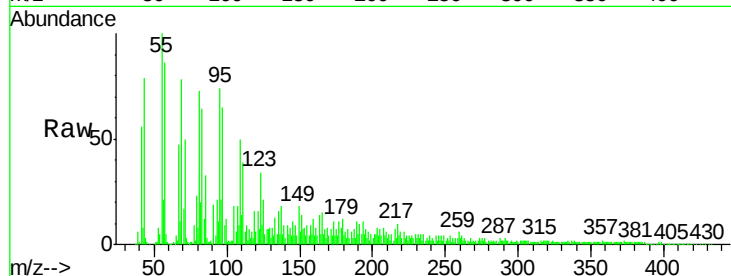
Tgt Ion:149 Resp: 49258

Ion Ratio Lower Upper

149 100

167 0.0 1.2 1.8#

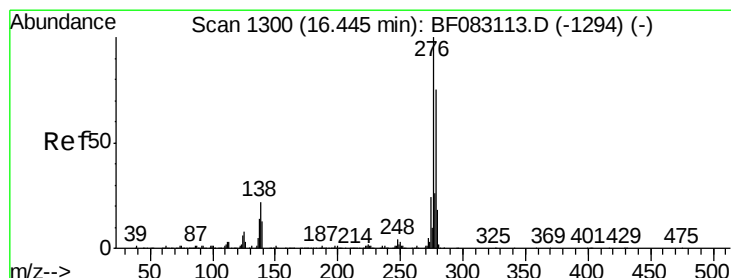
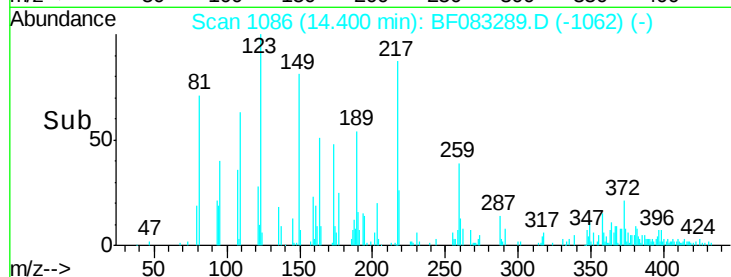
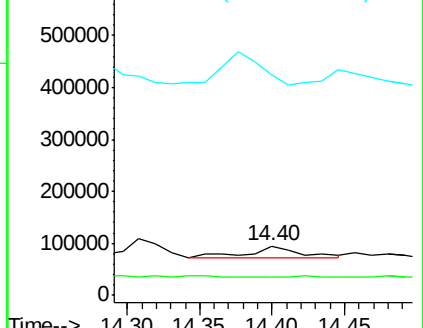
43 0.0 9.5 14.3#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



#85

Indeno(1,2,3-cd)pyrene

Concen: 2.77 ng

RT: 16.40 min Scan# 1261

Delta R.T. -0.05 min

Lab File: BF083289.D

Acq: 25 Nov 2015 22:48

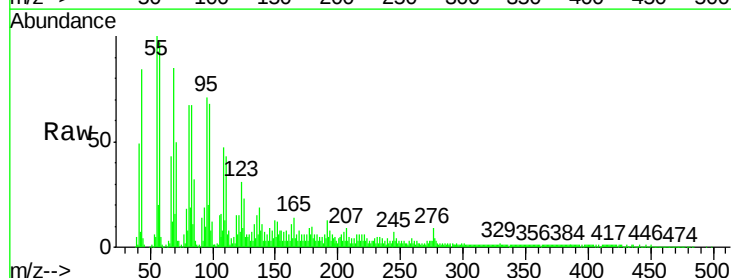
Tgt Ion:276 Resp: 34028

Ion Ratio Lower Upper

276 100

138 43.2 18.0 27.0#

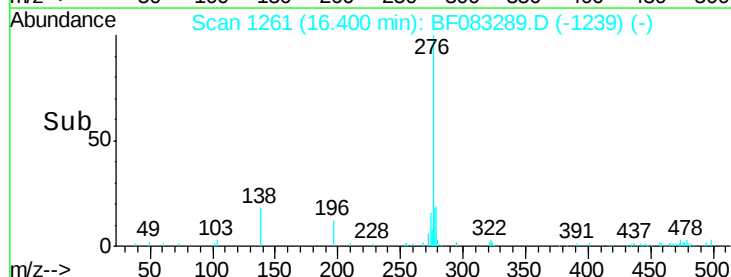
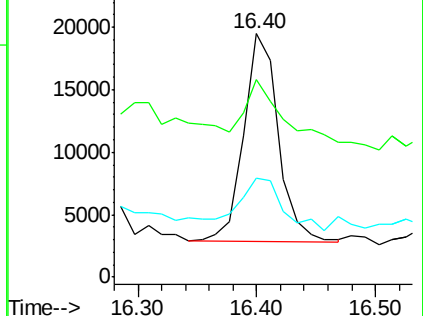
277 32.7 20.2 30.4#

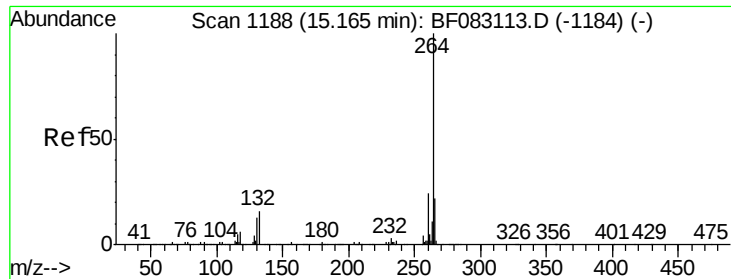


Abundance Ion 276.00 (275.70 to 276.70): E

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: 15.17 min Scan# 1153

Delta R.T. 0.00 min

Lab File: BF083289.D

Acq: 25 Nov 2015 22:48

Instrument :

BNA_F

ClientSampleId :

STOCKPILE-GRAB1

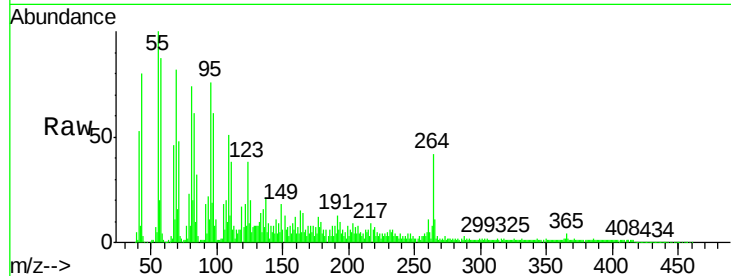
Tgt Ion:264 Resp: 234897

Ion Ratio Lower Upper

264 100

260 27.4 19.1 28.7

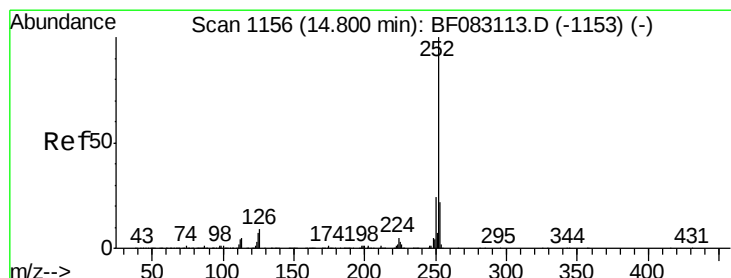
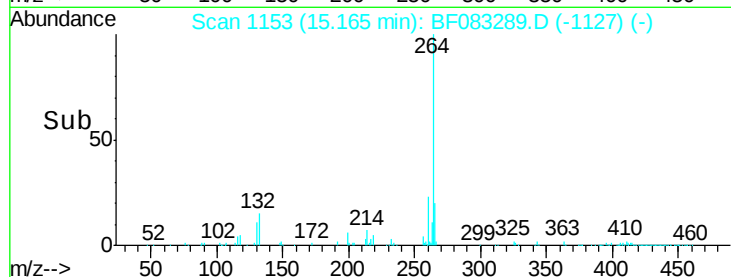
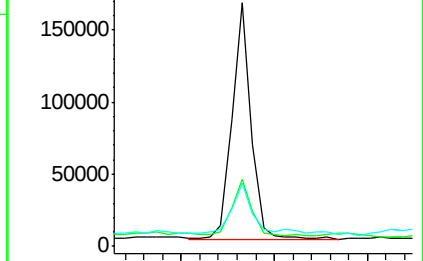
265 25.7 18.2 27.4



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: 6.55 ng

RT: 14.80 min Scan# 1121

Delta R.T. 0.00 min

Lab File: BF083289.D

Acq: 25 Nov 2015 22:48

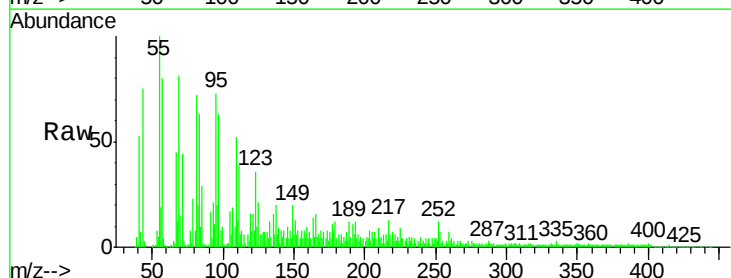
Tgt Ion:252 Resp: 105060

Ion Ratio Lower Upper

252 100

253 60.6 17.7 26.5#

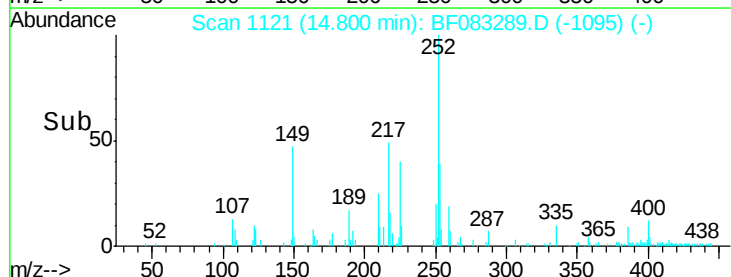
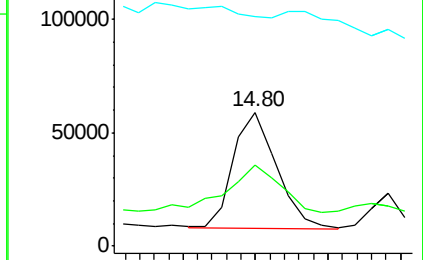
125 171.3 5.6 8.4#

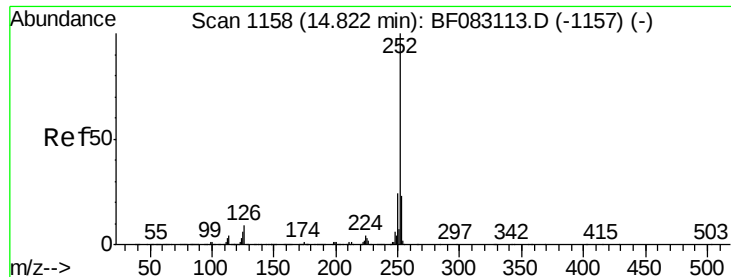


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(k)fluoranthene

Concen: 8.79 ng

RT: 14.80 min Scan# 1121

Delta R.T. -0.02 min

Lab File: BF083289.D

Acq: 25 Nov 2015 22:48

Instrument :

BNA_F

ClientSampleId :

STOCKPILE-GRAB1

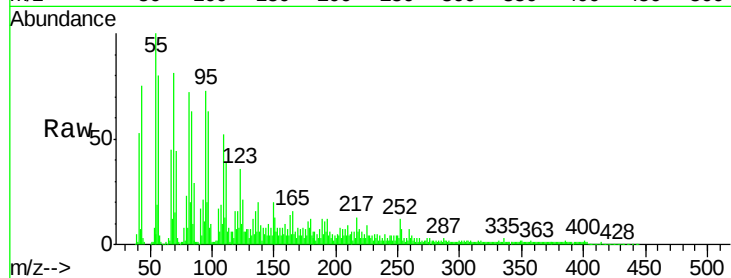
Tgt Ion:252 Resp: 105060

Ion Ratio Lower Upper

252 100

253 60.6 18.2 27.2#

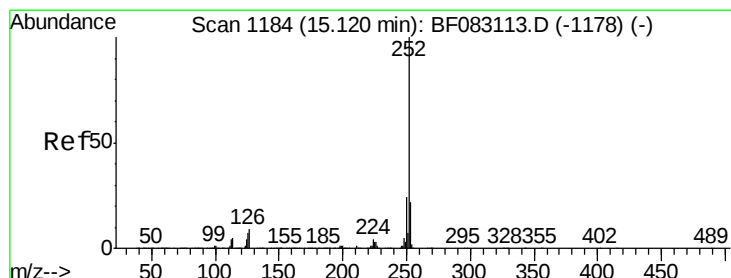
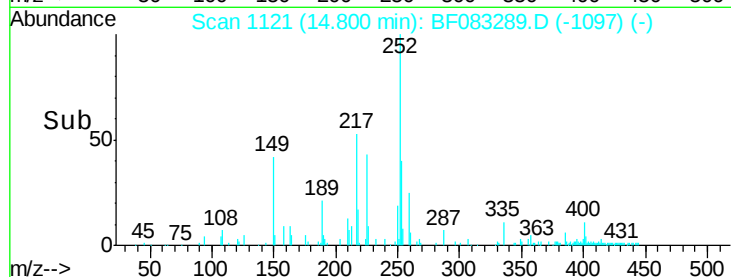
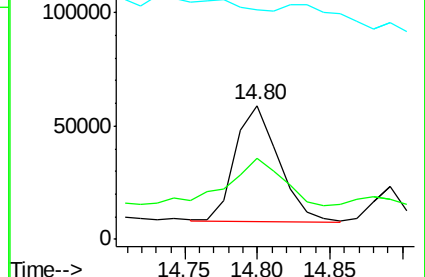
125 171.3 6.8 10.2#



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: 3.23 ng

RT: 15.11 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BF083289.D

Acq: 25 Nov 2015 22:48

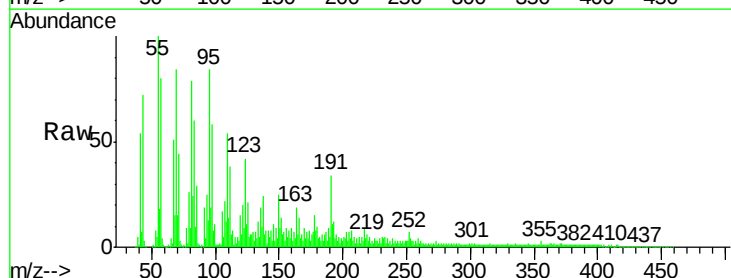
Tgt Ion:252 Resp: 42739

Ion Ratio Lower Upper

252 100

253 56.2 17.5 26.3#

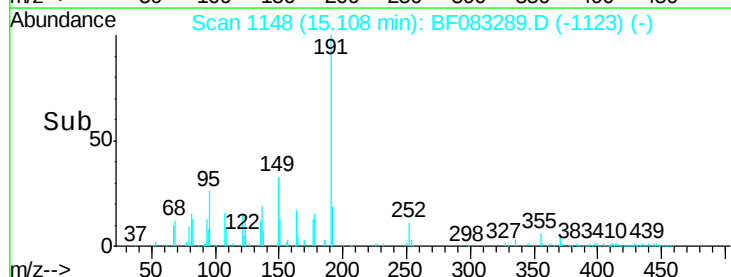
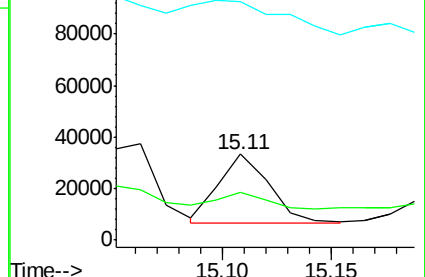
125 277.1 5.4 8.0#

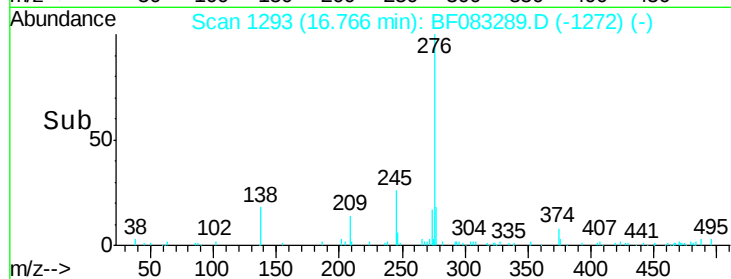
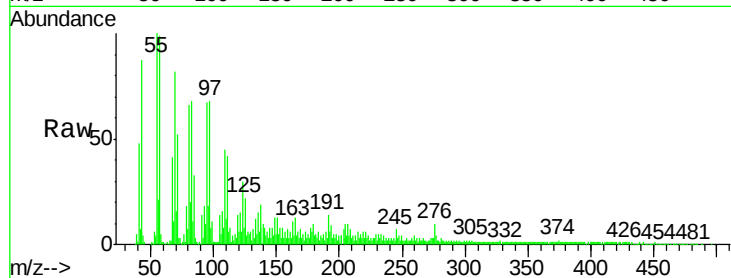
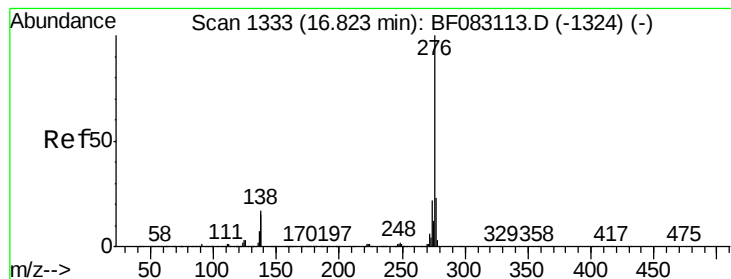


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Benzo(g,h,i)perylene

Concen: 3.07 ng

RT: 16.77 min Scan# 1293

Delta R.T. -0.06 min

Lab File: BF083289.D

Acq: 25 Nov 2015 22:48

Instrument :

BNA_F

ClientSampleId :

STOCKPILE-GRAB1

Tgt Ion: 276 Resp: 36102

Ion Ratio Lower Upper

276 100

277 40.6 18.7 28.1#

138 73.2 13.9 20.9#

