

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121315\
 Data File : BF083758.D
 Acq On : 14 Dec 2015 5:05
 Operator : UM/IZ
 Sample : G4731-05
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

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

Quant Time: Dec 14 06:30:30 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 14 01:30:12 2015
 Response via : Initial Calibration

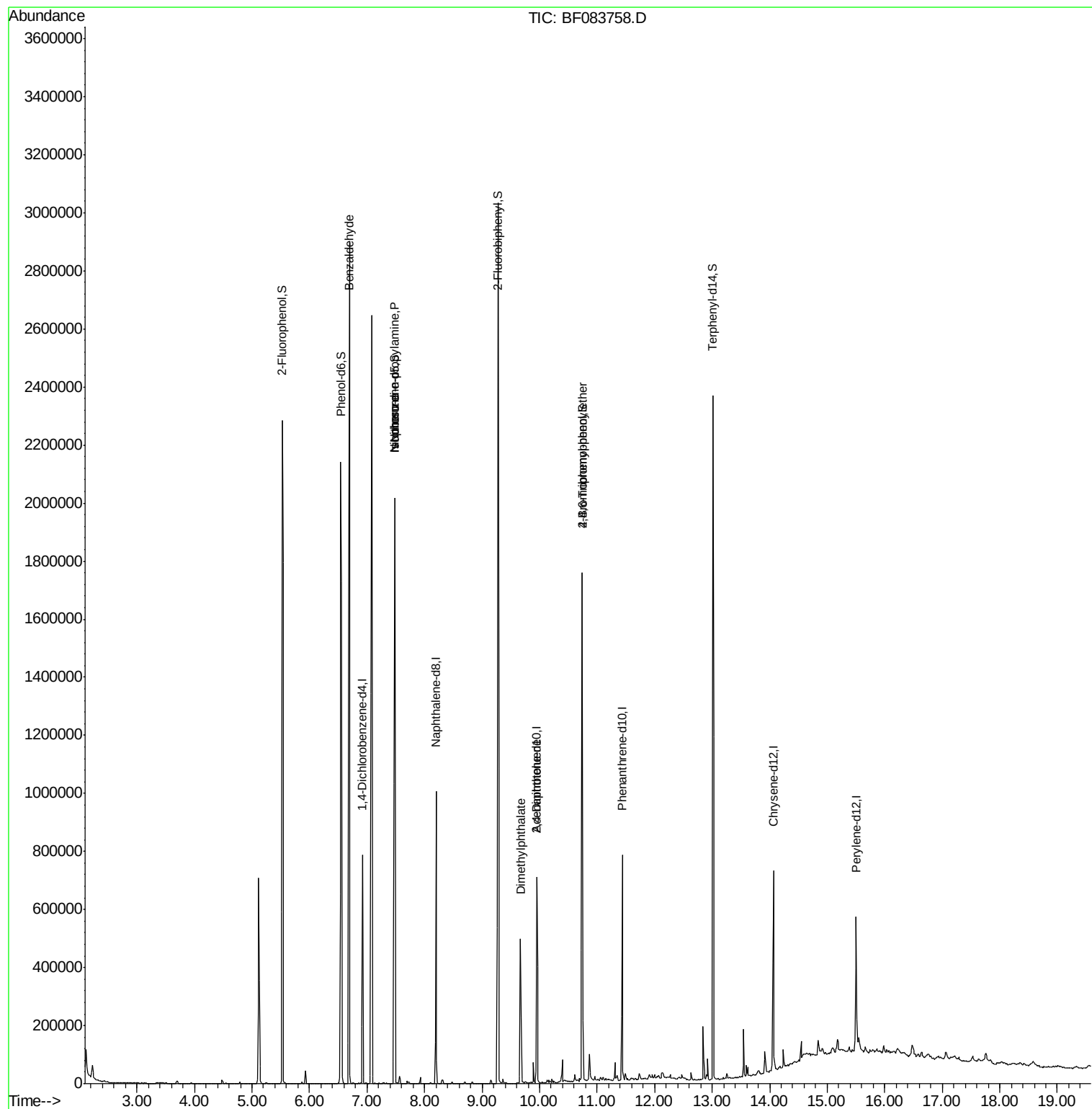
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	118781	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	421621	20.00	ng	-0.01
38) Acenaphthene-d10	9.95	164	166182	20.00	ng	-0.01
63) Phenanthrene-d10	11.44	188	277123	20.00	ng	-0.01
75) Chrysene-d12	14.07	240	266377	20.00	ng	-0.01
86) Perylene-d12	15.51	264	229155	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	993798	134.98	ng	0.00
7) Phenol-d6	6.54	99	1202648	128.98	ng	0.00
23) Nitrobenzene-d5	7.48	82	751097	99.67	ng	0.00
41) 2,4,6-Tribromophenol	10.74	330	201384	118.93	ng	-0.01
44) 2-Fluorobiphenyl	9.28	172	1103899	104.98	ng	-0.01
78) Terphenyl-d14	13.01	244	869259	70.19	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.69	77	22450	4.48	ng	97
19) n-Nitroso-di-n-propylamine	7.48	70	103932	18.20	ng	# 70
25) Isophorone	7.48	82	733620	49.62	ng	# 69
49) Dimethylphthalate	9.66	163	239639	18.50	ng	99
56) 2,4-Dinitrotoluene	9.95	165	21670	6.03	ng	# 12
66) 4-Bromophenyl-phenylether	10.74	248	14599	4.71	ng	# 1

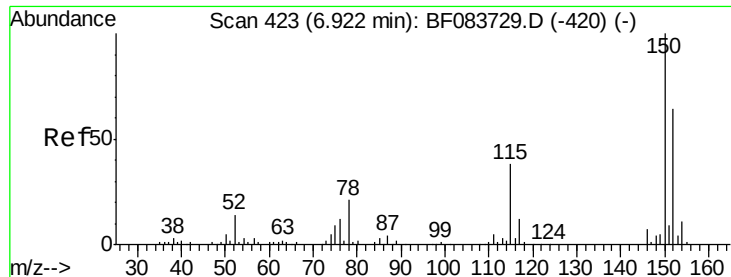
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Dec 14 01:30:12 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.92 min Scan# 423

Delta R.T. 0.00 min

Lab File: BF083758.D

Acq: 14 Dec 2015 5:05

Instrument :

BNA_F

ClientSampleId :

3-STOCKPILE-(0-2)

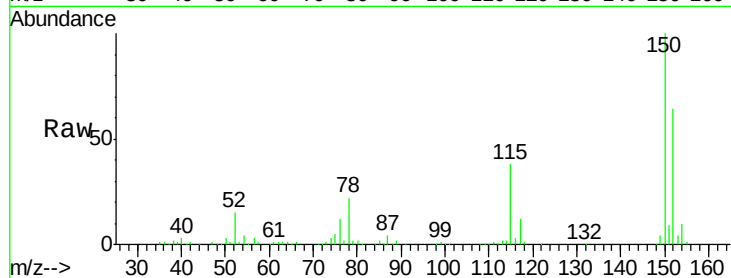
Tgt Ion:152 Resp: 118781

Ion Ratio Lower Upper

152 100

150 156.5 126.5 189.7

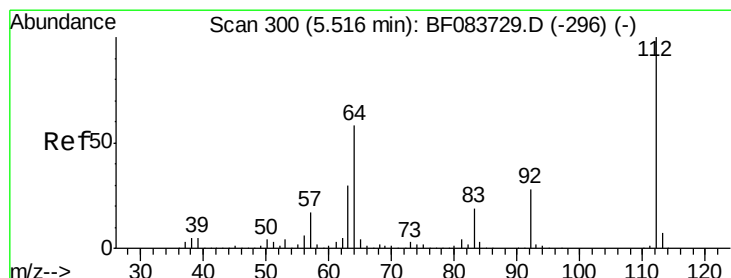
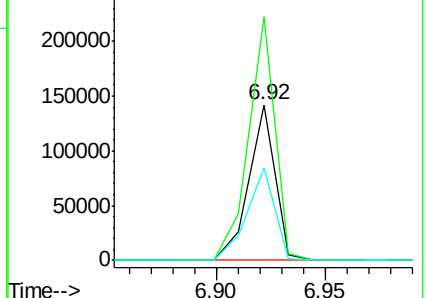
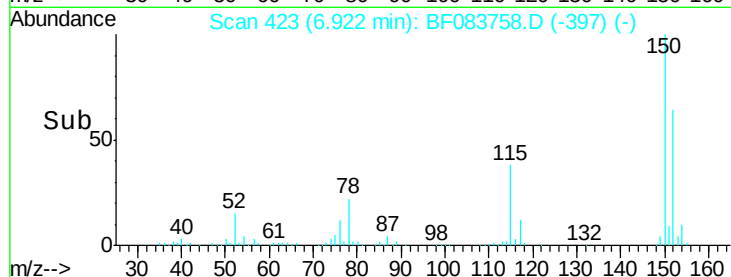
115 59.6 52.3 78.5



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: 134.98 ng

RT: 5.53 min Scan# 301

Delta R.T. 0.00 min

Lab File: BF083758.D

Acq: 14 Dec 2015 5:05

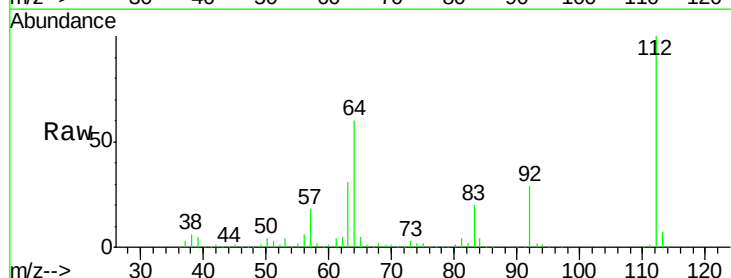
Tgt Ion:112 Resp: 993798

Ion Ratio Lower Upper

112 100

64 59.6 50.5 75.7

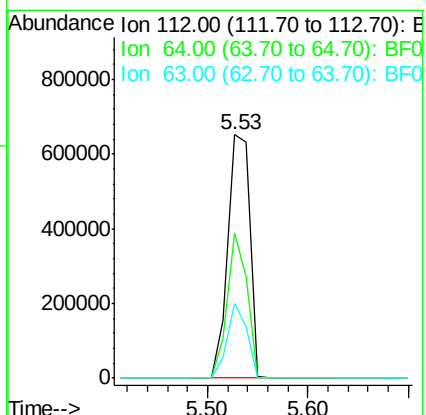
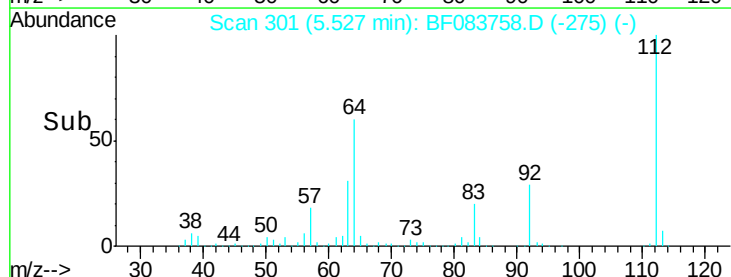
63 30.9 25.8 38.6

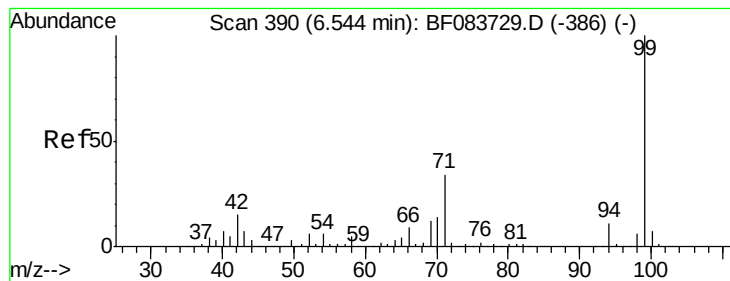


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 128.98 ng

RT: 6.54 min Scan# 390

Delta R.T. 0.00 min

Lab File: BF083758.D

Acq: 14 Dec 2015 5:05

Instrument :

BNA_F

ClientSampleId :

3-STOCKPILE-(0-2)

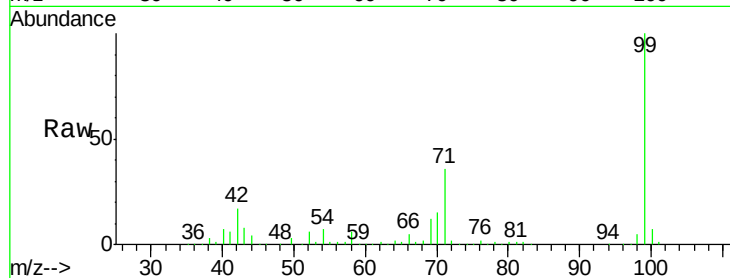
Tgt Ion: 99 Resp: 1202648

Ion Ratio Lower Upper

99 100

42 16.9 17.3 25.9#

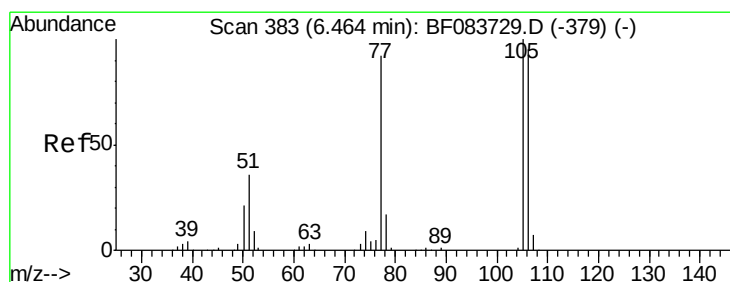
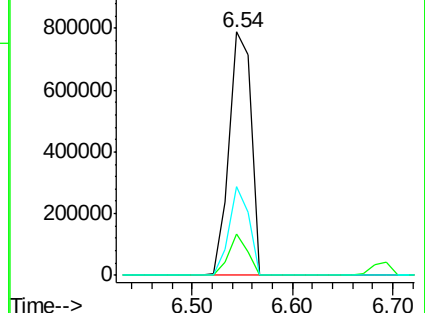
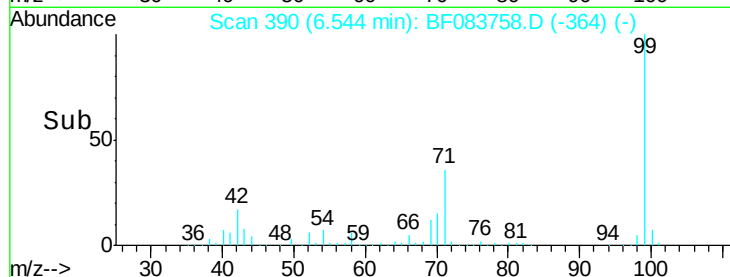
71 36.5 26.6 40.0



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#9

Benzaldehyde

Concen: 4.48 ng

RT: 6.69 min Scan# 403

Delta R.T. 0.23 min

Lab File: BF083758.D

Acq: 14 Dec 2015 5:05

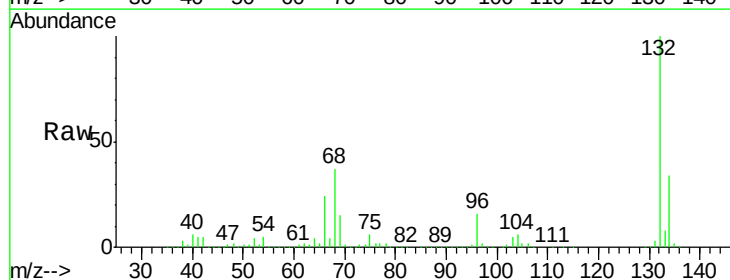
Tgt Ion: 77 Resp: 22450

Ion Ratio Lower Upper

77 100

105 87.0 71.8 111.8

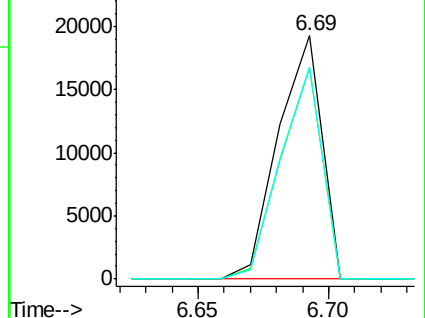
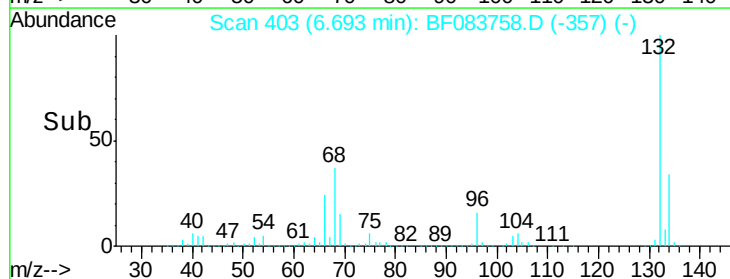
106 86.8 66.8 106.8

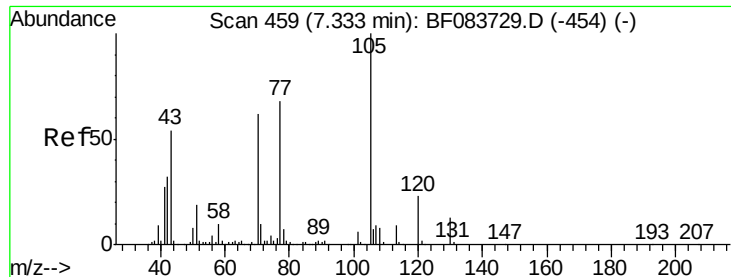


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 18.20 ng

RT: 7.48 min Scan# 472

Delta R.T. 0.14 min

Lab File: BF083758.D

Acq: 14 Dec 2015 5:05

Instrument :

BNA_F

ClientSampleId :

3-STOCKPILE-(0-2)

Tgt Ion: 70 Resp: 103932

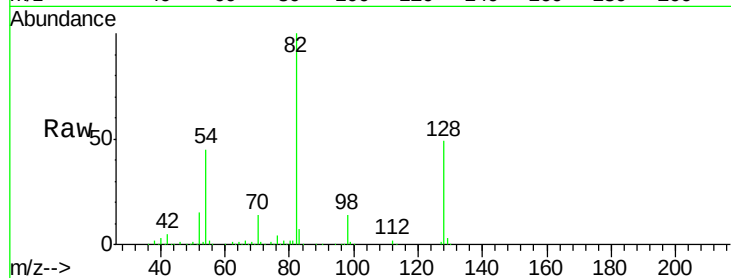
Ion Ratio Lower Upper

70 100

42 39.1 49.2 73.8#

101 0.0 7.1 10.7#

130 2.7 15.4 23.0#



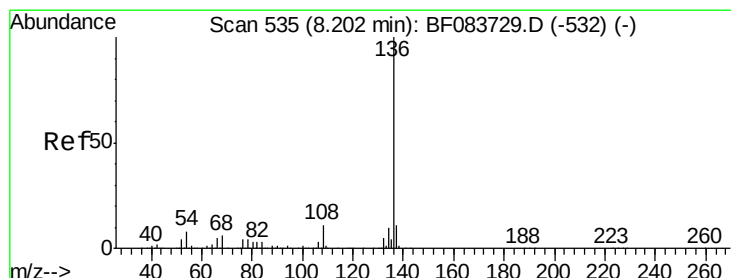
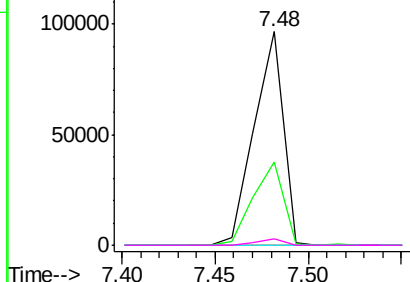
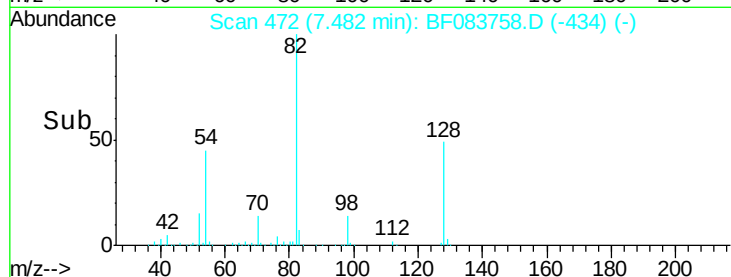
Abundance

Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.20 min Scan# 535

Delta R.T. -0.01 min

Lab File: BF083758.D

Acq: 14 Dec 2015 5:05

Tgt Ion: 136 Resp: 421621

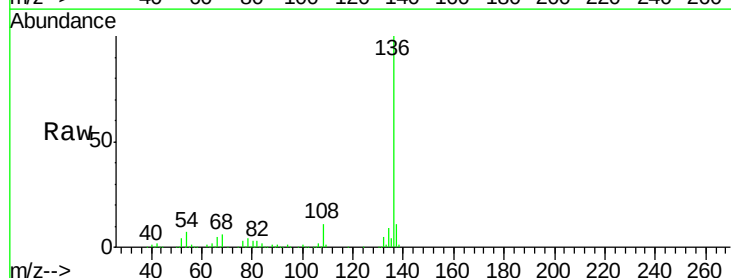
Ion Ratio Lower Upper

136 100

137 11.2 8.7 13.1

54 7.2 7.8 11.6#

68 5.9 5.7 8.5



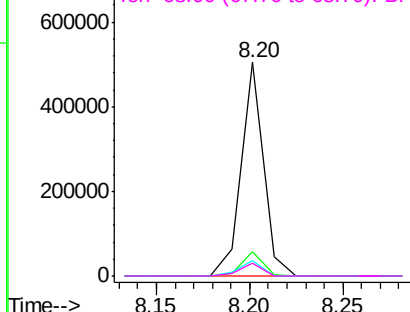
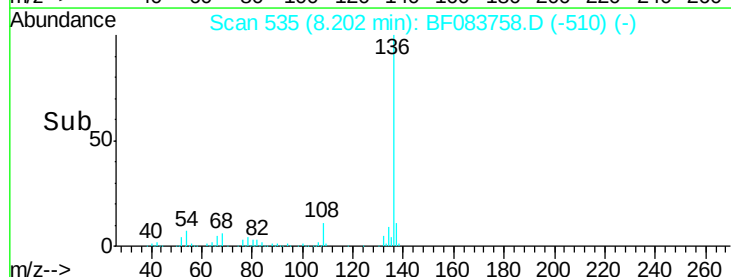
Abundance

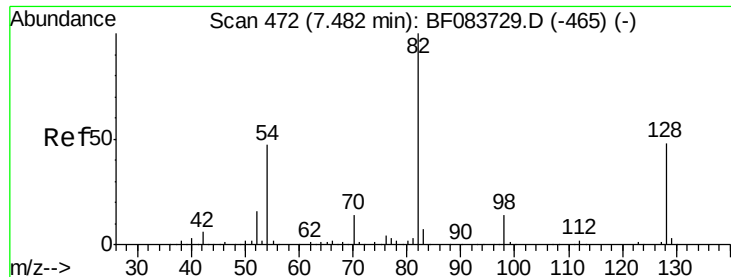
Ion 136.00 (135.70 to 136.70): E

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

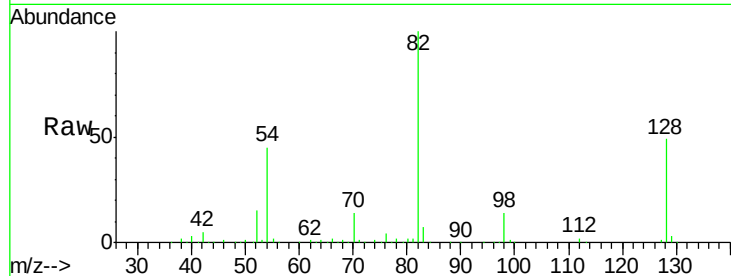




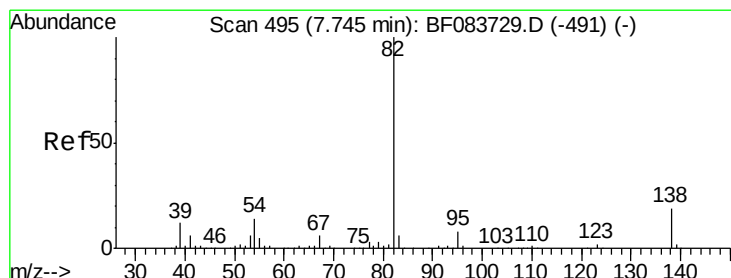
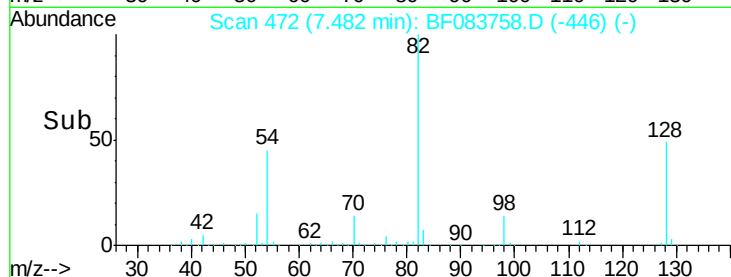
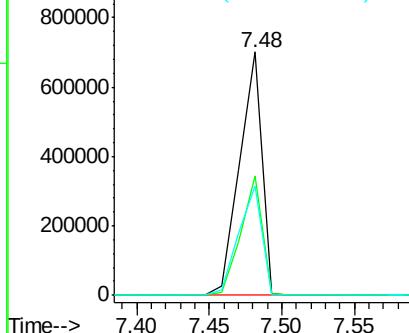
#23
 Nitrobenzene-d5
 Concen: 99.67 ng
 RT: 7.48 min Scan# 472
 Delta R.T. 0.00 min
 Lab File: BF083758.D
 Acq: 14 Dec 2015 5:05

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

Tgt Ion	Ratio	Lower	Upper
82	100		
128	49.1	30.7	46.1#
54	45.0	42.5	63.7

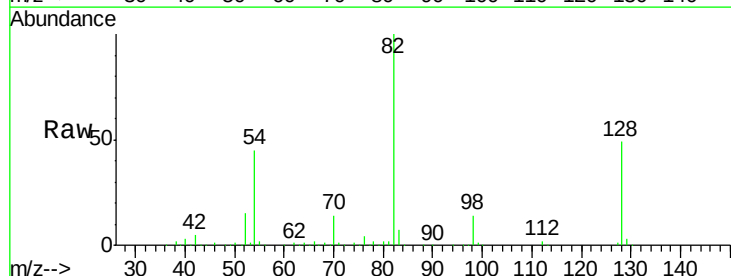


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

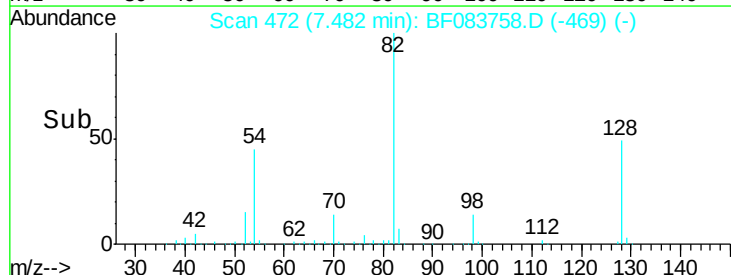
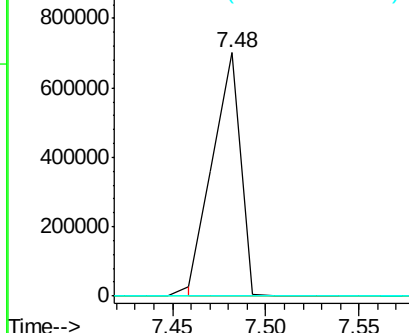


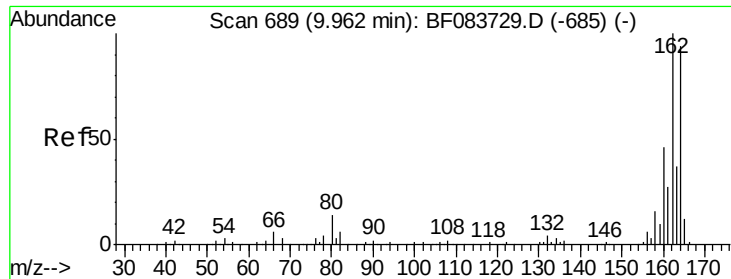
#25
 Isophorone
 Concen: 49.62 ng
 RT: 7.48 min Scan# 472
 Delta R.T. -0.26 min
 Lab File: BF083758.D
 Acq: 14 Dec 2015 5:05

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.0	7.4#
138	0.0	12.1	18.1#



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): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.95 min Scan# 688

Delta R.T. -0.01 min

Lab File: BF083758.D

Acq: 14 Dec 2015 5:05

Instrument :

BNA_F

ClientSampleId :

3-STOCKPILE-(0-2)

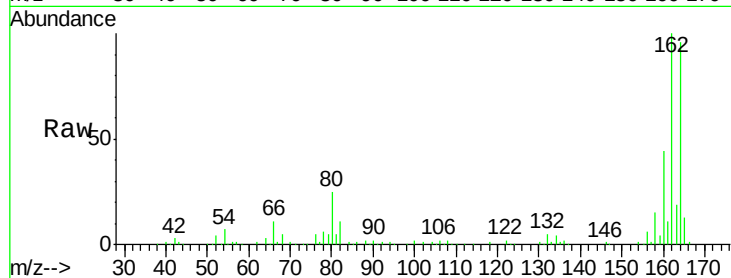
Tgt Ion:164 Resp: 166182

Ion Ratio Lower Upper

164 100

162 104.5 78.8 118.2

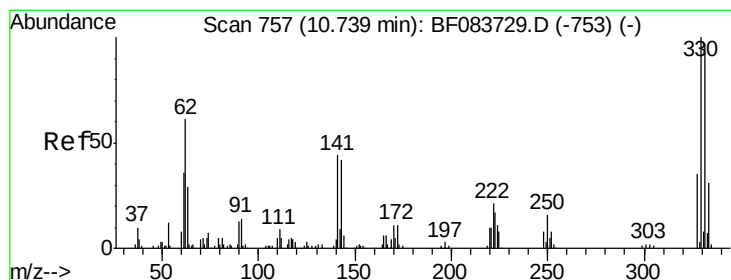
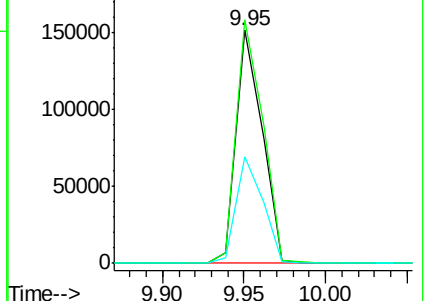
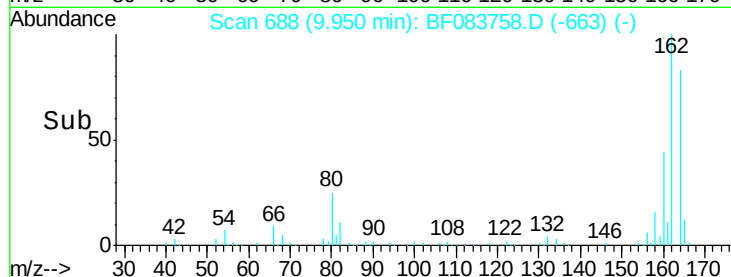
160 45.7 33.4 50.2



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: 118.93 ng

RT: 10.74 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF083758.D

Acq: 14 Dec 2015 5:05

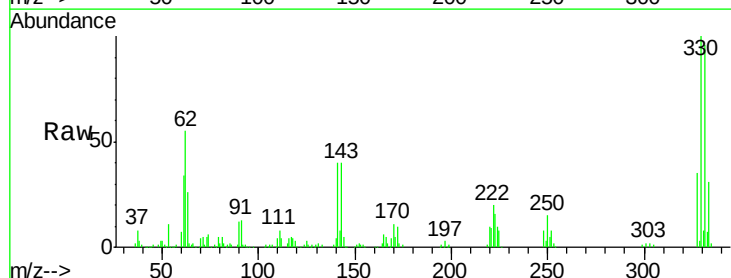
Tgt Ion:330 Resp: 201384

Ion Ratio Lower Upper

330 100

332 96.1 0.0 0.0#

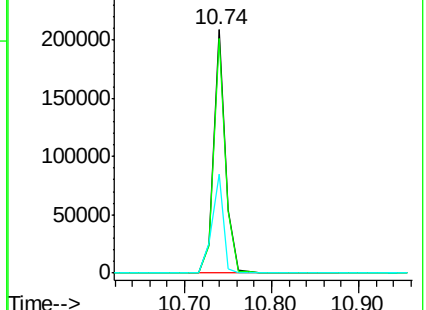
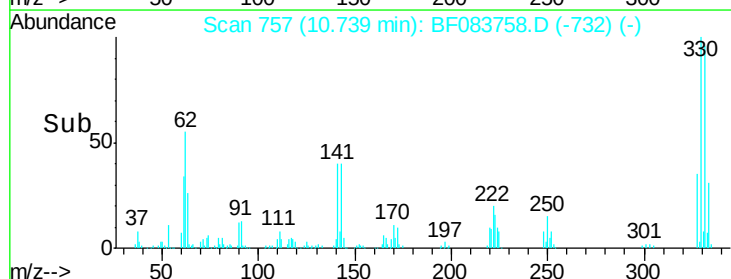
141 39.5 0.0 0.0#

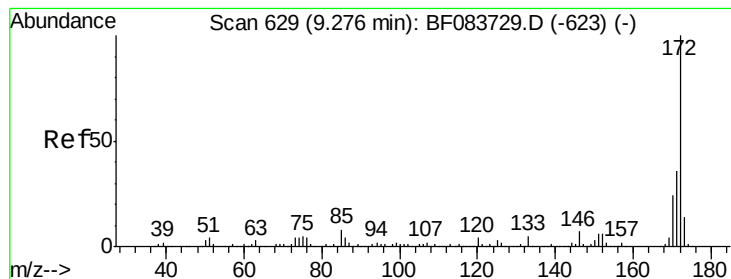


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 104.98 ng

RT: 9.28 min Scan# 629

Delta R.T. -0.01 min

Lab File: BF083758.D

Acq: 14 Dec 2015 5:05

Instrument :

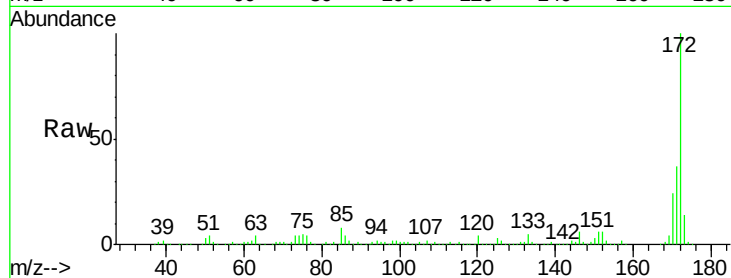
BNA_F

ClientSampleId :

3-STOCKPILE-(0-2)

Tgt Ion:172 Resp: 1103899

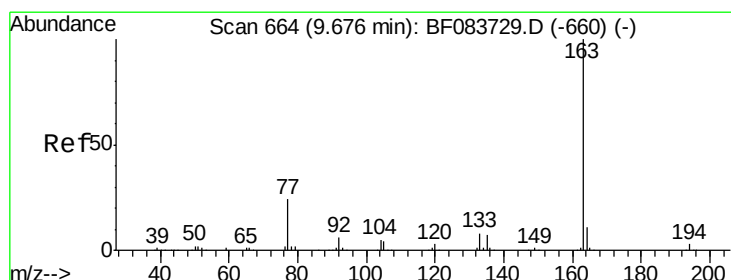
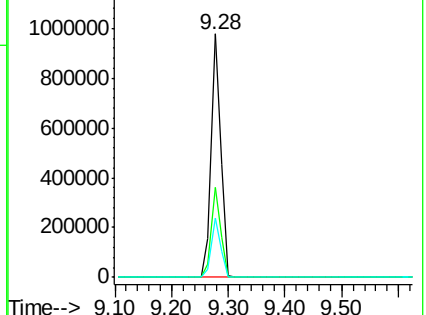
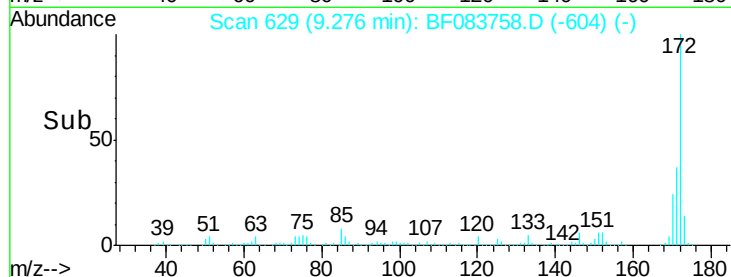
Ion	Ratio	Lower	Upper
172	100		
171	36.9	28.6	42.8
170	24.5	19.4	29.0



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: 18.50 ng

RT: 9.66 min Scan# 663

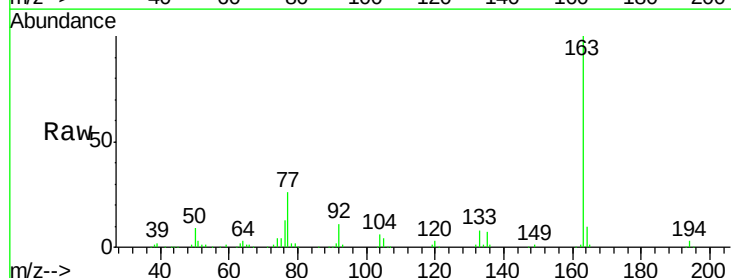
Delta R.T. -0.02 min

Lab File: BF083758.D

Acq: 14 Dec 2015 5:05

Tgt Ion:163 Resp: 239639

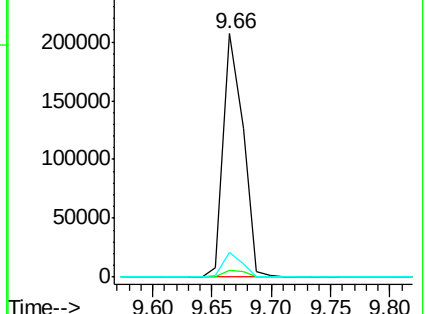
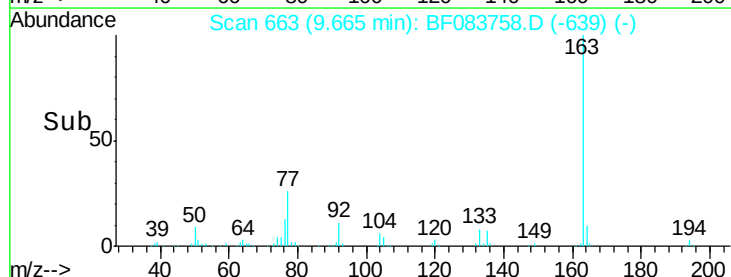
Ion	Ratio	Lower	Upper
163	100		
194	2.9	2.8	4.2
164	10.4	8.6	13.0

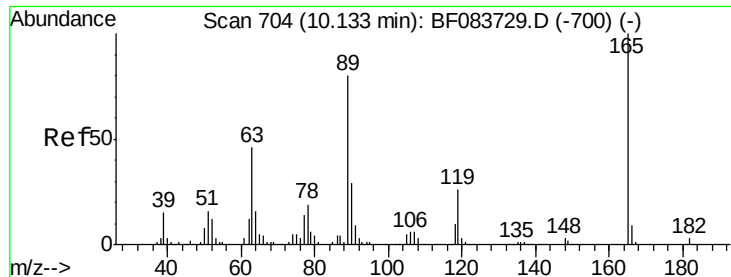


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#56

2,4-Dinitrotoluene

Concen: 6.03 ng

RT: 9.95 min Scan# 688

Delta R.T. -0.19 min

Lab File: BF083758.D

Acq: 14 Dec 2015 5:05

Instrument :

BNA_F

ClientSampleId :

3-STOCKPILE-(0-2)

Tgt Ion:165 Resp: 21670

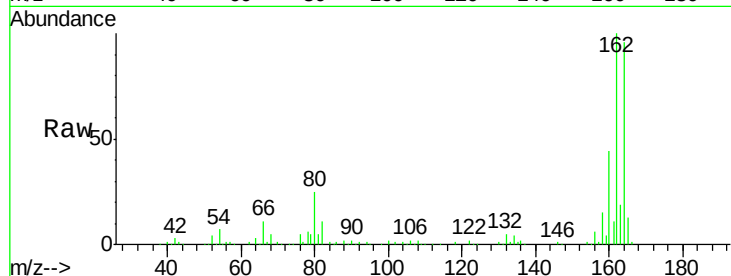
Ion Ratio Lower Upper

165 100

63 0.0 51.4 77.2#

89 1.6 72.6 108.8#

182 0.0 1.4 2.0#

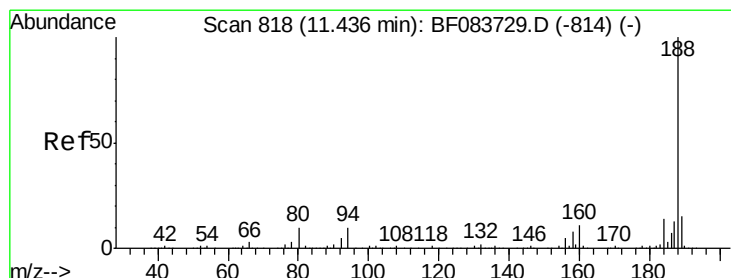
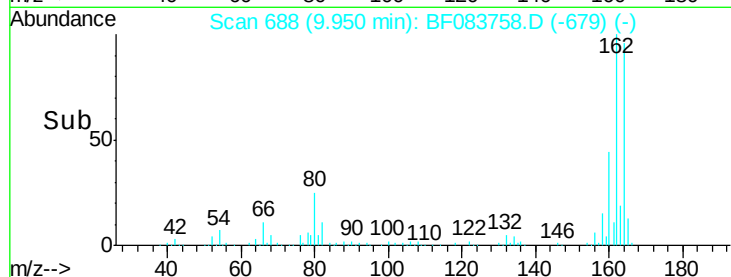
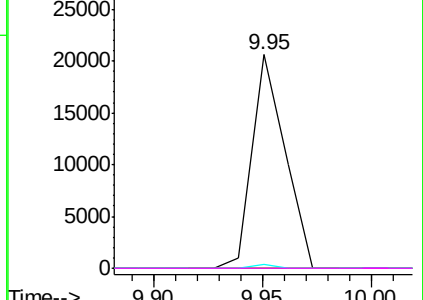


Abundance Ion 165.00 (164.70 to 165.70): E

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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.44 min Scan# 818

Delta R.T. -0.01 min

Lab File: BF083758.D

Acq: 14 Dec 2015 5:05

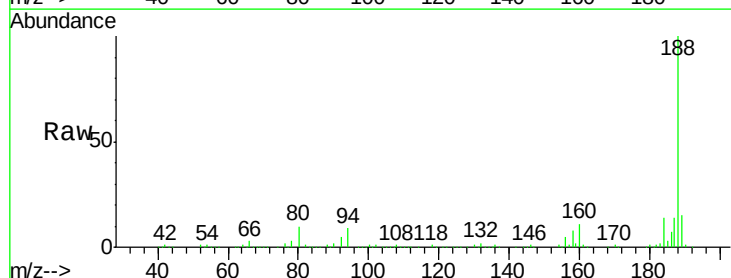
Tgt Ion:188 Resp: 277123

Ion Ratio Lower Upper

188 100

94 9.2 9.4 14.2#

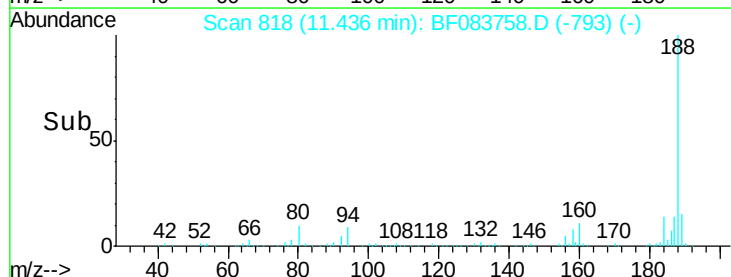
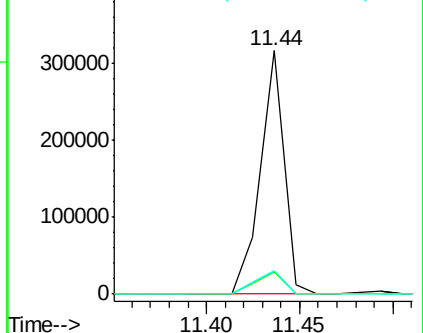
80 9.7 10.6 16.0#

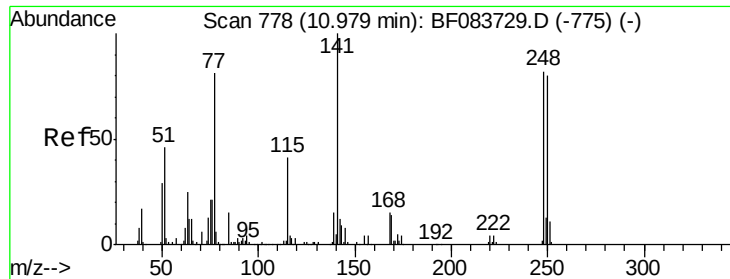


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

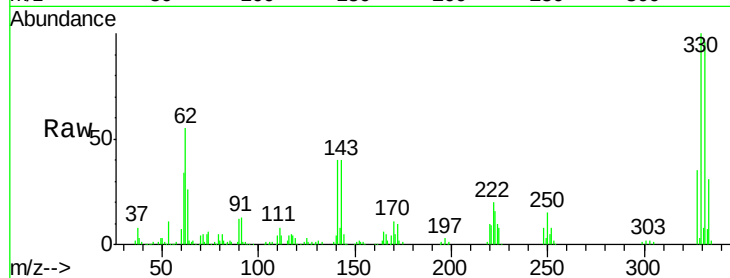




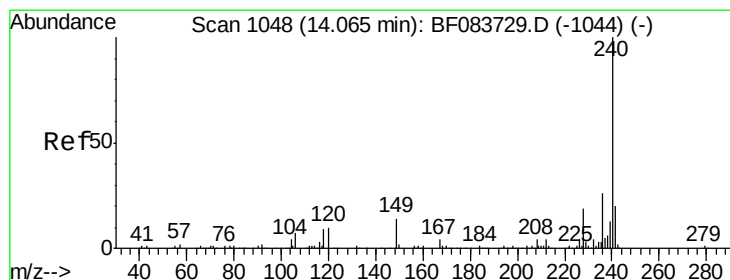
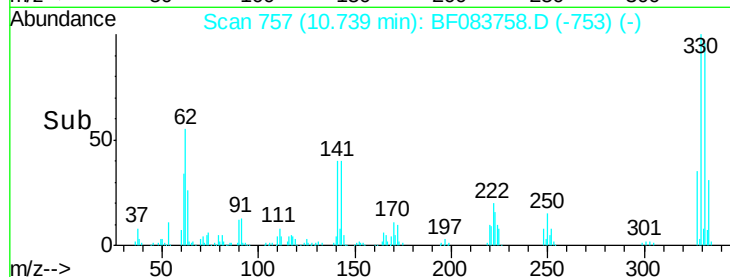
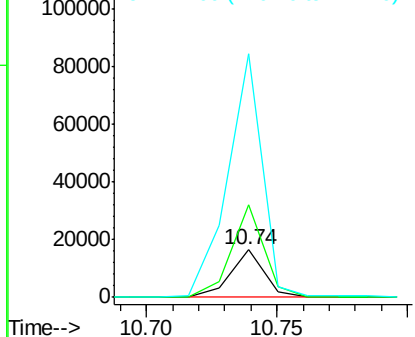
#66
4-Bromophenyl-phenylether
Concen: 4.71 ng
RT: 10.74 min Scan# 757
Delta R.T. -0.25 min
Lab File: BF083758.D
Acq: 14 Dec 2015 5:05

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

Tgt Ion:248 Resp: 14599
Ion Ratio Lower Upper
248 100
250 195.3 79.2 118.8#
141 515.6 58.2 87.4#

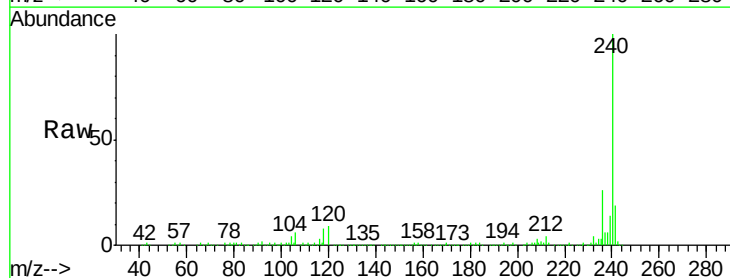


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

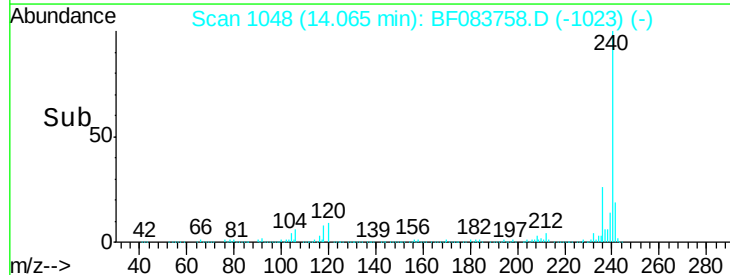
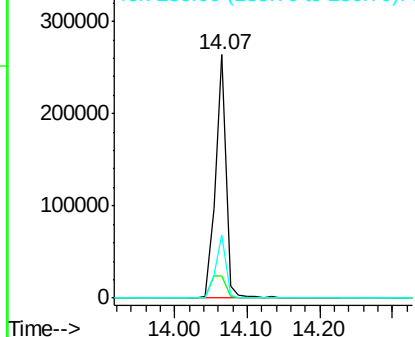


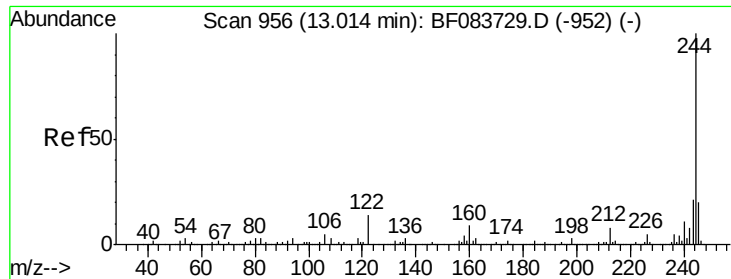
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.07 min Scan# 1048
Delta R.T. -0.01 min
Lab File: BF083758.D
Acq: 14 Dec 2015 5:05

Tgt Ion:240 Resp: 266377
Ion Ratio Lower Upper
240 100
120 8.9 8.1 12.1
236 26.2 20.8 31.2



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

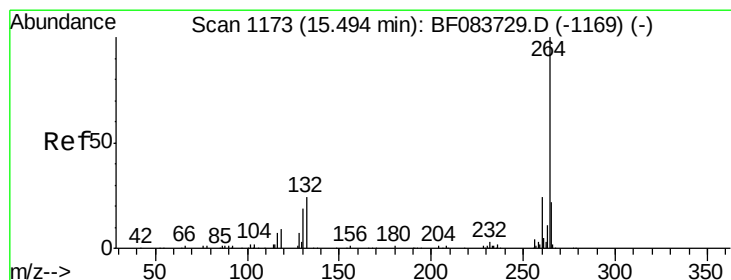
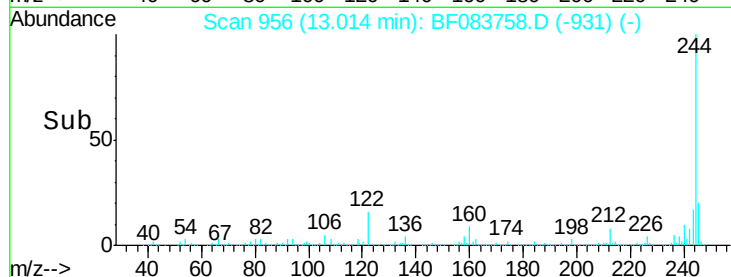
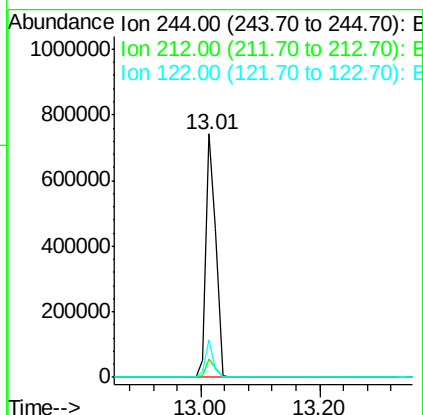
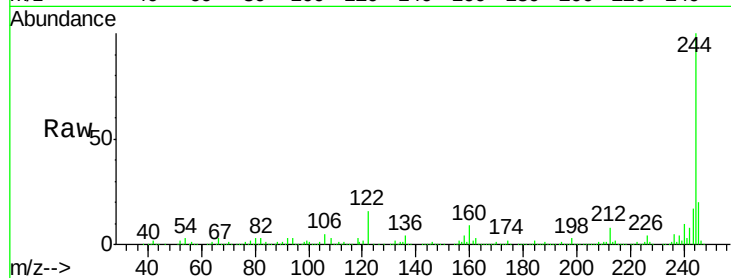




#78
 Terphenyl-d14
 Concen: 70.19 ng
 RT: 13.01 min Scan# 956
 Delta R.T. -0.01 min
 Lab File: BF083758.D
 Acq: 14 Dec 2015 5:05

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

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.1	9.1
122	15.7	11.0	16.6



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.51 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: BF083758.D
 Acq: 14 Dec 2015 5:05

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.4	29.0
265	21.7	17.8	26.6

