

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121315\
 Data File : BF083757.D
 Acq On : 14 Dec 2015 4:37
 Operator : UM/IZ
 Sample : G4731-03
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

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

Quant Time: Dec 14 06:30:09 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

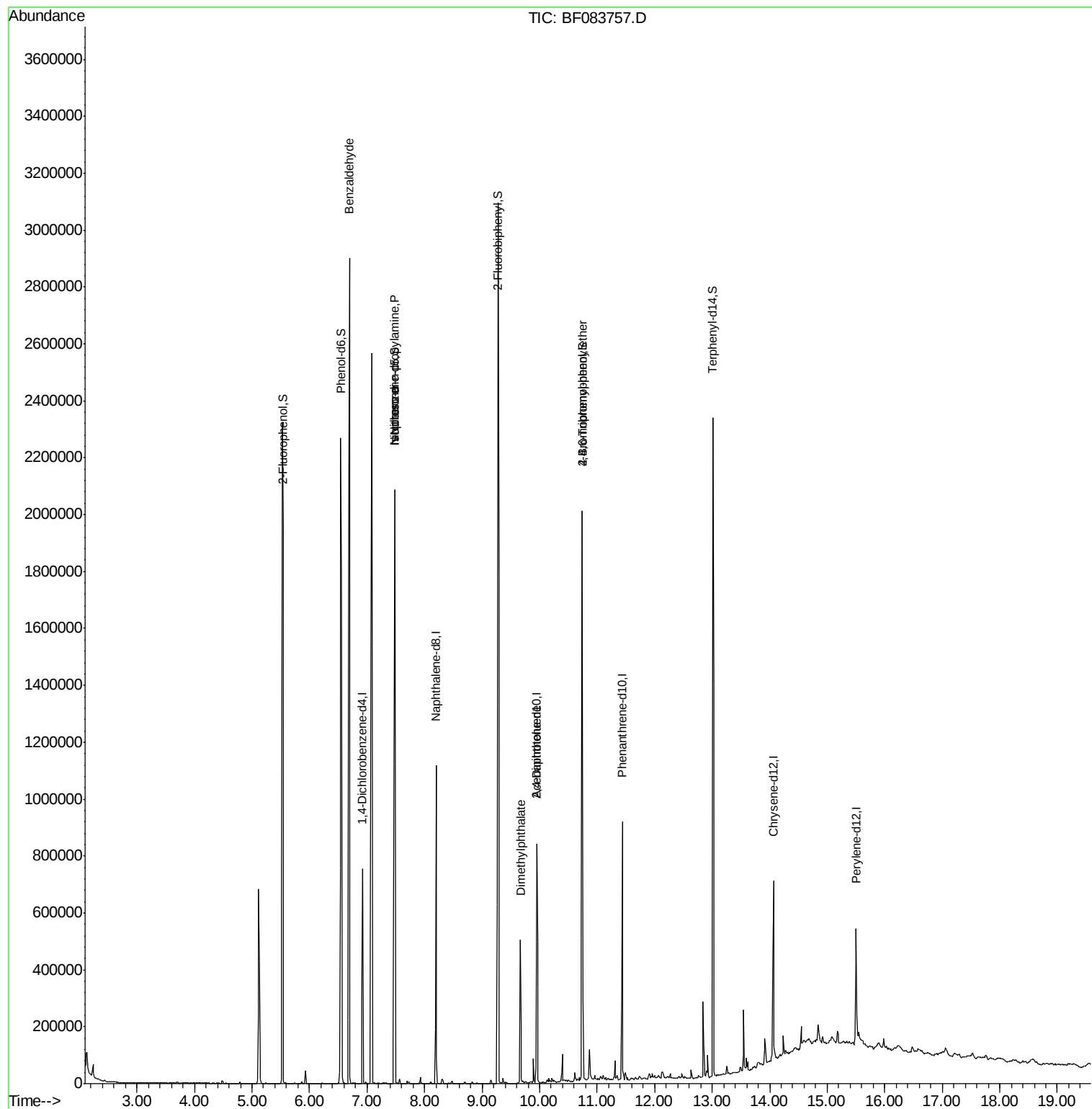
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	124283	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	483768	20.00	ng	-0.01
38) Acenaphthene-d10	9.95	164	200596	20.00	ng	-0.01
63) Phenanthrene-d10	11.44	188	333190	20.00	ng	-0.01
75) Chrysene-d12	14.07	240	257400	20.00	ng	-0.01
86) Perylene-d12	15.51	264	222695	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	1045457	135.71	ng	0.01
7) Phenol-d6	6.54	99	1289837	132.21	ng	0.00
23) Nitrobenzene-d5	7.48	82	798686	92.37	ng	0.00
41) 2,4,6-Tribromophenol	10.74	330	236220	115.57	ng	-0.01
44) 2-Fluorobiphenyl	9.28	172	1315637	102.74	ng	-0.01
78) Terphenyl-d14	13.01	244	903281	75.49	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.69	77	23517	4.49	ng	Qvalue 97
19) n-Nitroso-di-n-propylamine	7.48	70	110704	18.53	ng	# 70
25) Isophorone	7.48	82	769714	45.37	ng	# 69
49) Dimethylphthalate	9.66	163	234052	14.97	ng	99
56) 2,4-Dinitrotoluene	9.95	165	25975	5.99	ng	# 13
66) 4-Bromophenyl-phenylether	10.74	248	16480	4.42	ng	# 1

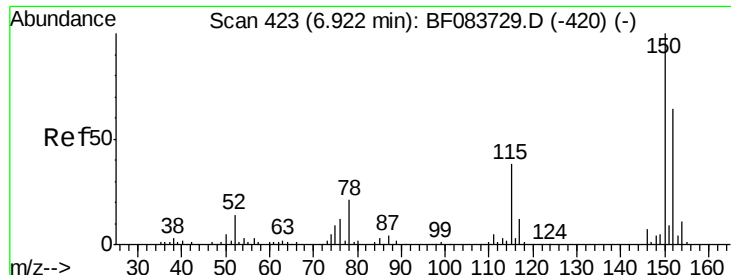
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF083757.D

Acq: 14 Dec 2015 4:37

Instrument :

BNA_F

ClientSampleId :

2-STOCKPILE-(0-2)

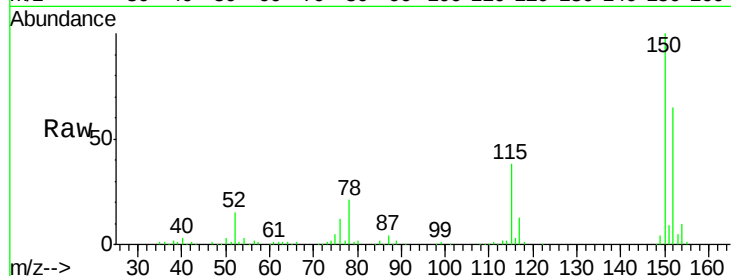
Tgt Ion:152 Resp: 124283

Ion Ratio Lower Upper

152 100

150 154.4 126.5 189.7

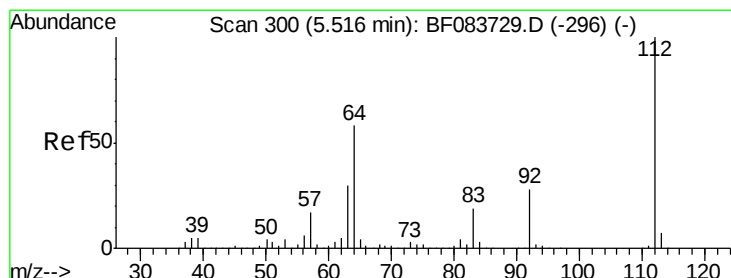
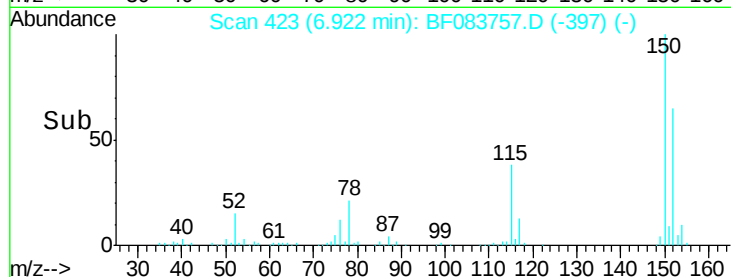
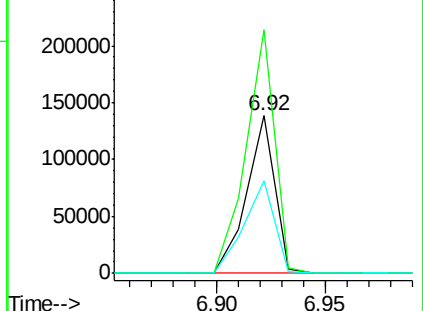
115 58.7 52.3 78.5



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: 135.71 ng

RT: 5.54 min Scan# 302

Delta R.T. 0.01 min

Lab File: BF083757.D

Acq: 14 Dec 2015 4:37

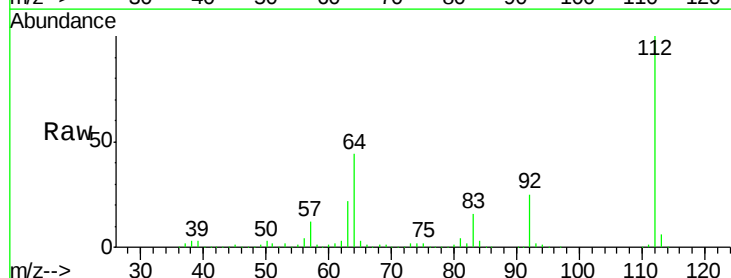
Tgt Ion:112 Resp: 1045457

Ion Ratio Lower Upper

112 100

64 43.6 50.5 75.7#

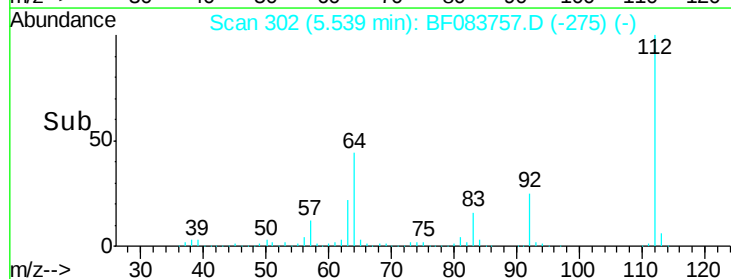
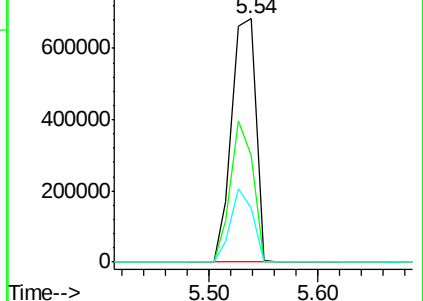
63 22.1 25.8 38.6#

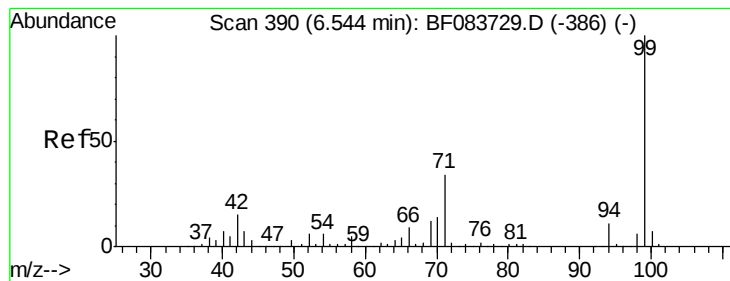


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 132.21 ng

RT: 6.54 min Scan# 390

Delta R.T. 0.00 min

Lab File: BF083757.D

Acq: 14 Dec 2015 4:37

Instrument :

BNA_F

ClientSampleId :

2-STOCKPILE-(0-2)

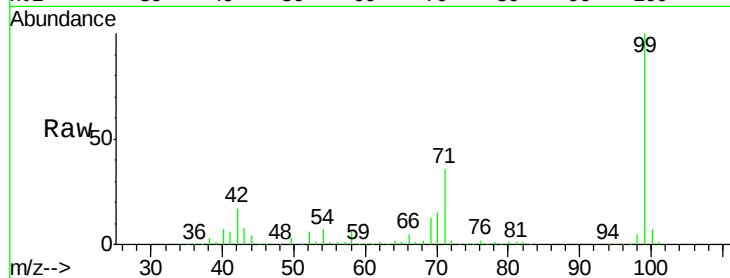
Tgt Ion: 99 Resp: 1289837

Ion Ratio Lower Upper

99 100

42 16.5 17.3 25.9#

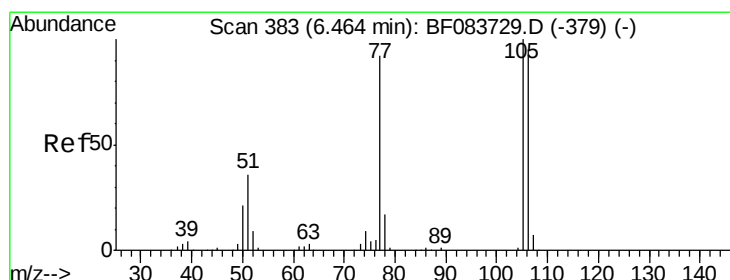
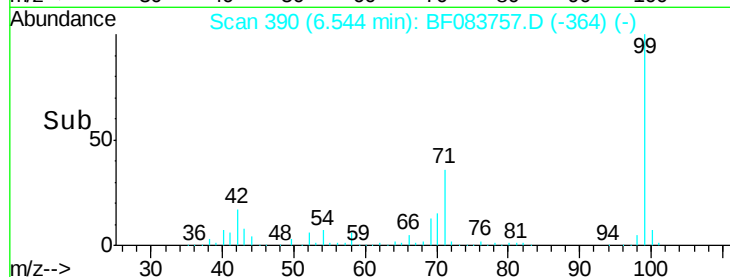
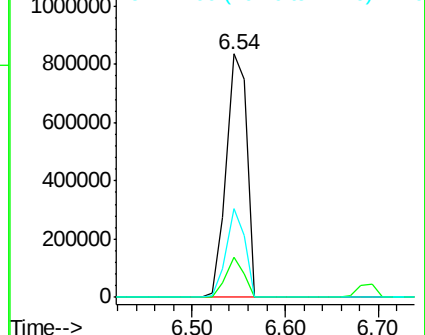
71 36.3 26.6 40.0



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: 4.49 ng

RT: 6.69 min Scan# 403

Delta R.T. 0.23 min

Lab File: BF083757.D

Acq: 14 Dec 2015 4:37

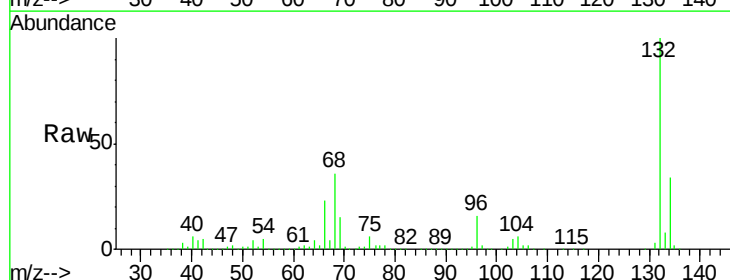
Tgt Ion: 77 Resp: 23517

Ion Ratio Lower Upper

77 100

105 93.0 71.8 111.8

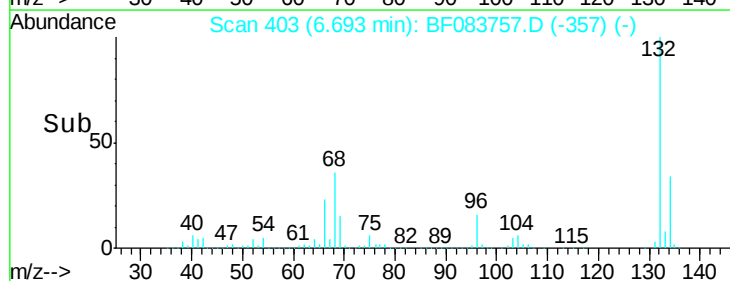
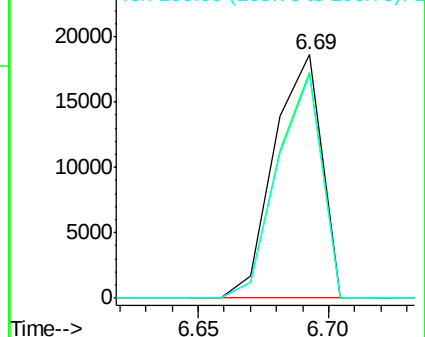
106 91.5 66.8 106.8

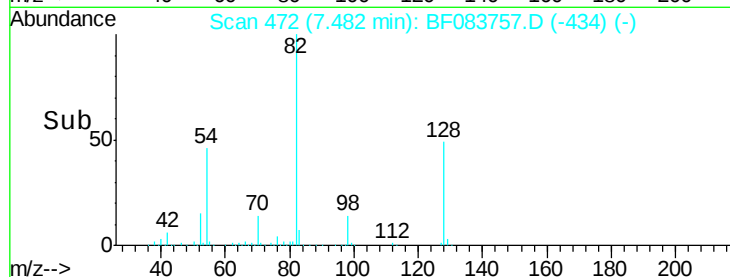
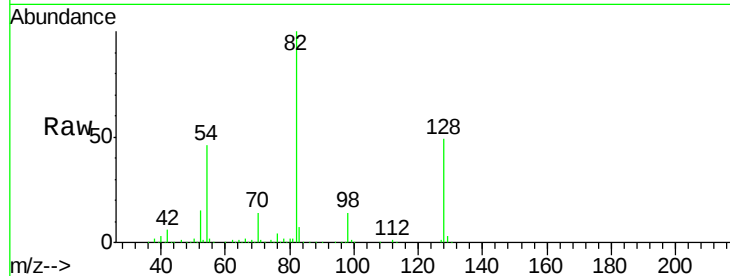
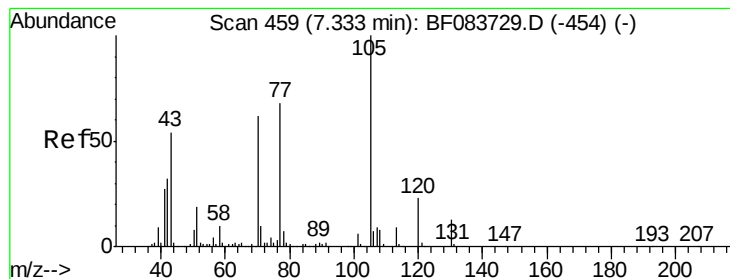


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 18.53 ng

RT: 7.48 min Scan# 472

Delta R.T. 0.14 min

Lab File: BF083757.D

Acq: 14 Dec 2015 4:37

Instrument :

BNA_F

ClientSampleId :

2-STOCKPILE-(0-2)

Tgt Ion: 70 Resp: 110704

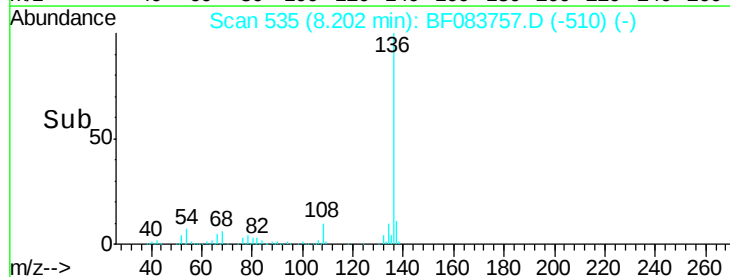
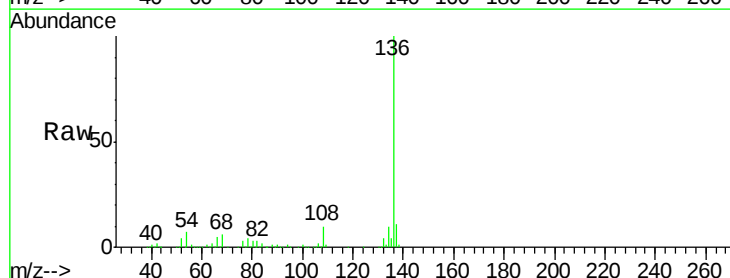
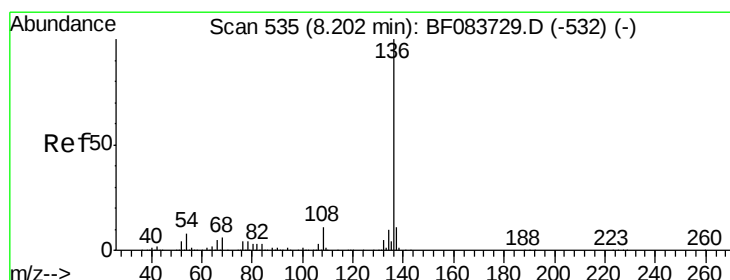
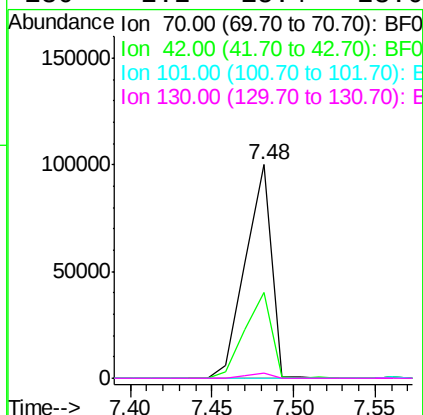
Ion Ratio Lower Upper

70 100

42 39.9 49.2 73.8#

101 0.0 7.1 10.7#

130 2.2 15.4 23.0#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.20 min Scan# 535

Delta R.T. -0.01 min

Lab File: BF083757.D

Acq: 14 Dec 2015 4:37

Tgt Ion: 136 Resp: 483768

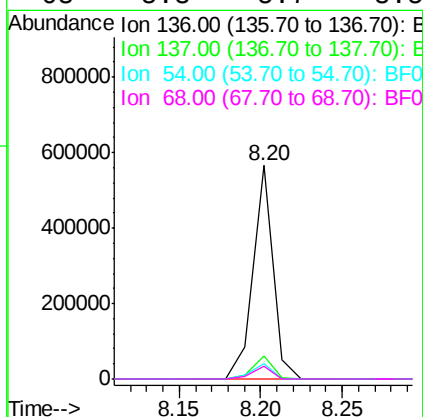
Ion Ratio Lower Upper

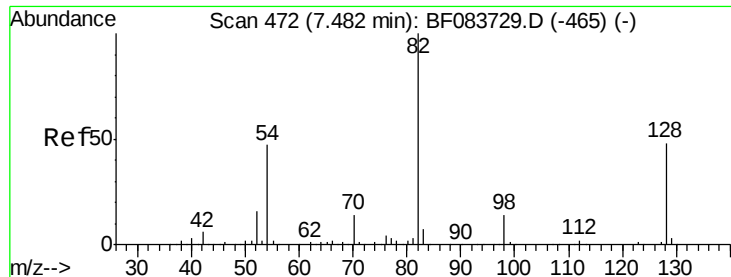
136 100

137 11.0 8.7 13.1

54 7.0 7.8 11.6#

68 5.8 5.7 8.5

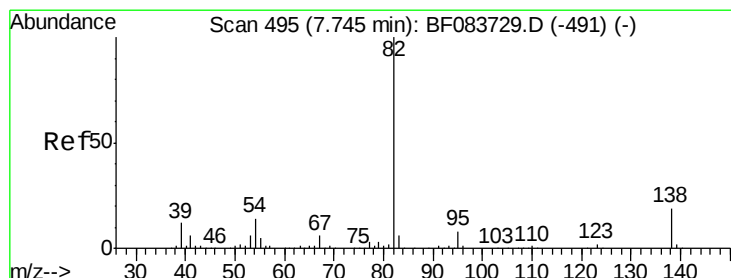
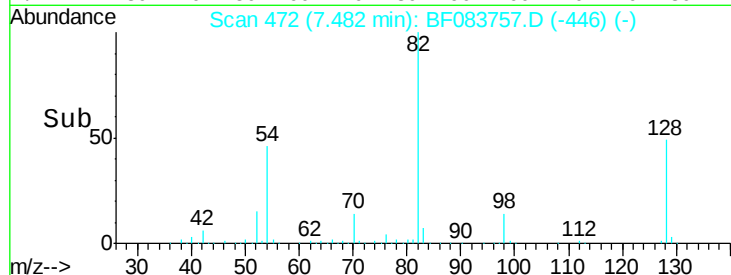
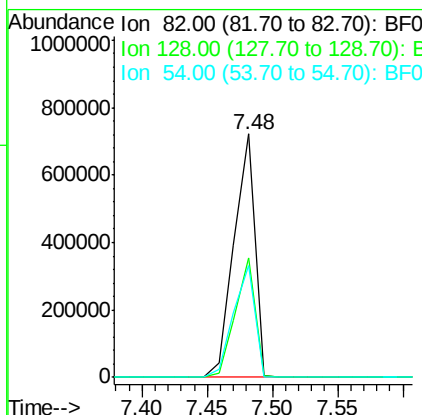
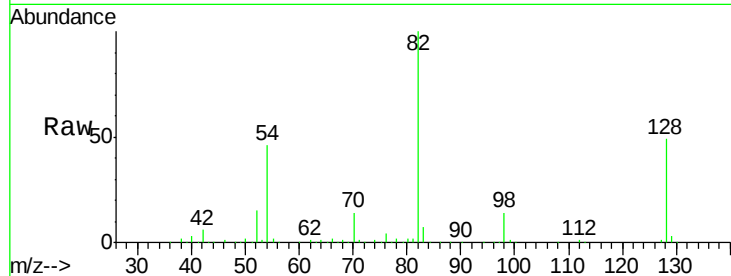




#23
 Nitrobenzene-d5
 Concen: 92.37 ng
 RT: 7.48 min Scan# 472
 Delta R.T. 0.00 min
 Lab File: BF083757.D
 Acq: 14 Dec 2015 4:37

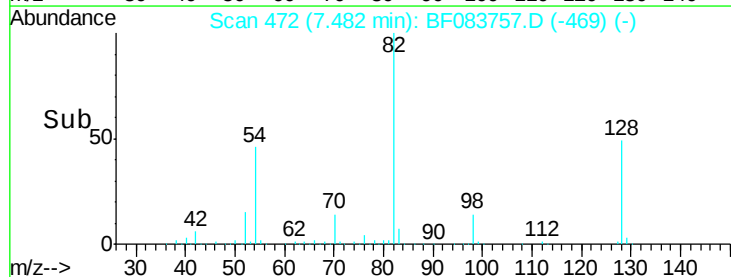
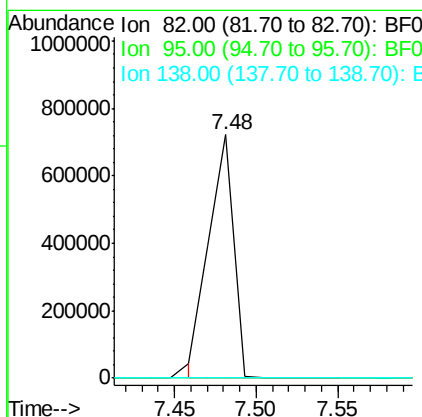
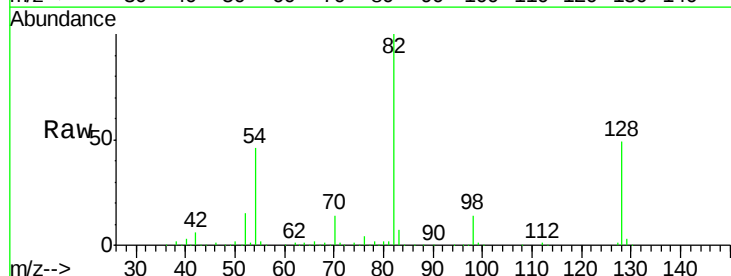
Instrument :
 BNA_F
 ClientSampleId :
 2-STOCKPILE-(0-2)

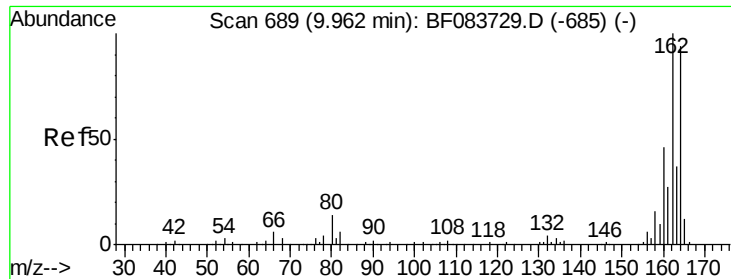
Tgt Ion	Ratio	Lower	Upper
82	100		
128	49.1	30.7	46.1#
54	45.8	42.5	63.7



#25
 Isophorone
 Concen: 45.37 ng
 RT: 7.48 min Scan# 472
 Delta R.T. -0.26 min
 Lab File: BF083757.D
 Acq: 14 Dec 2015 4:37

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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.95 min Scan# 688

Delta R.T. -0.01 min

Lab File: BF083757.D

Acq: 14 Dec 2015 4:37

Instrument :

BNA_F

ClientSampleId :

2-STOCKPILE-(0-2)

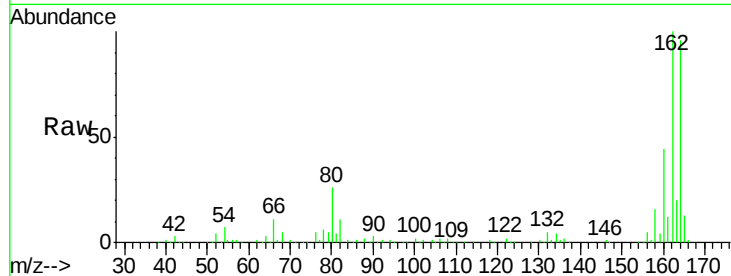
Tgt Ion:164 Resp: 200596

Ion Ratio Lower Upper

164 100

162 103.8 78.8 118.2

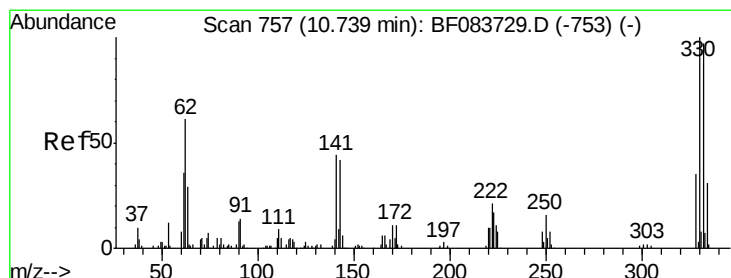
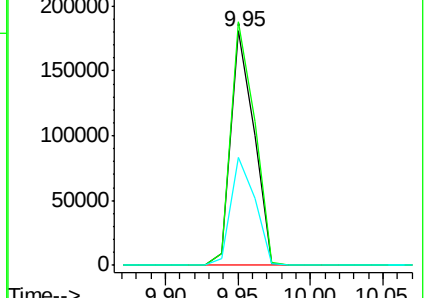
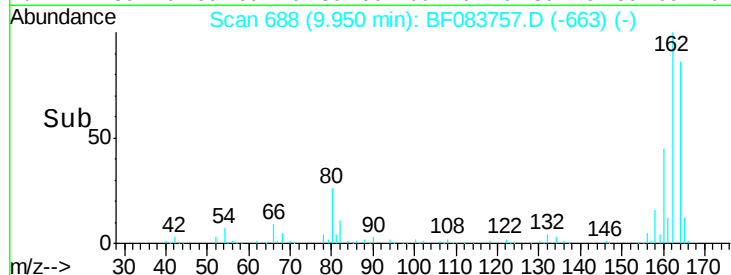
160 46.1 33.4 50.2



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: 115.57 ng

RT: 10.74 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF083757.D

Acq: 14 Dec 2015 4:37

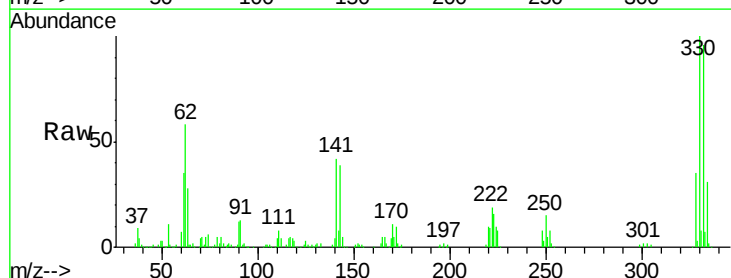
Tgt Ion:330 Resp: 236220

Ion Ratio Lower Upper

330 100

332 96.4 0.0 0.0#

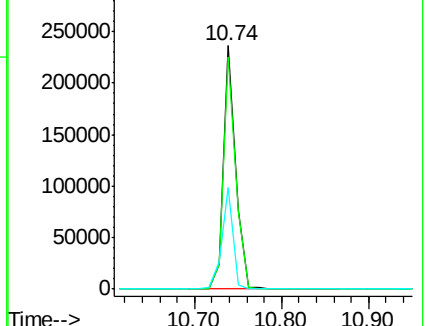
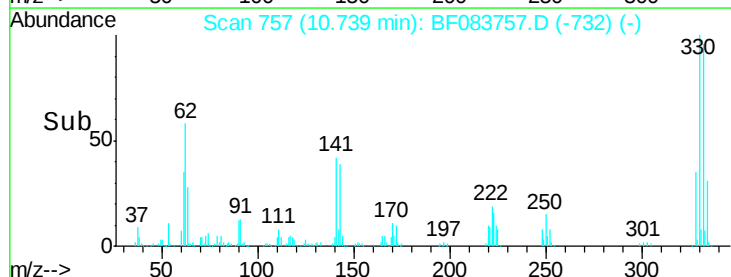
141 38.6 0.0 0.0#

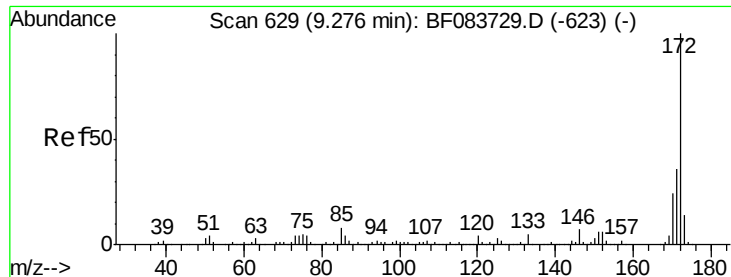


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

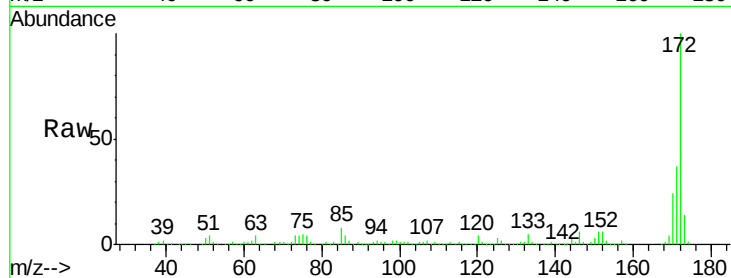




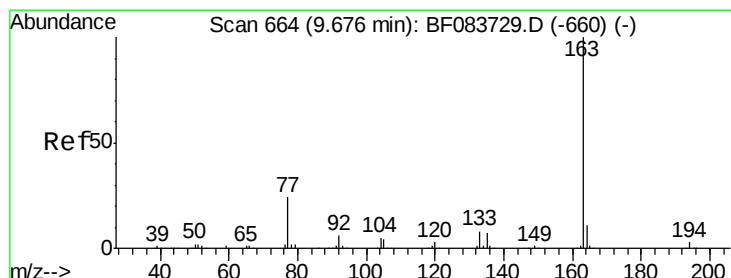
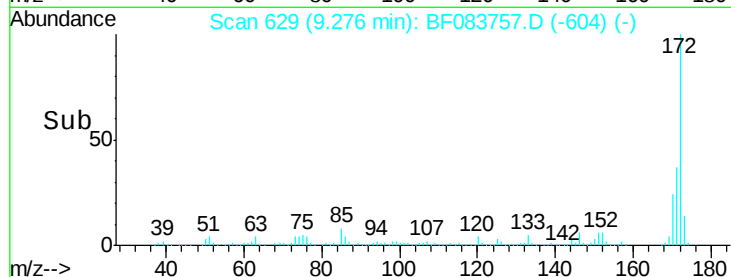
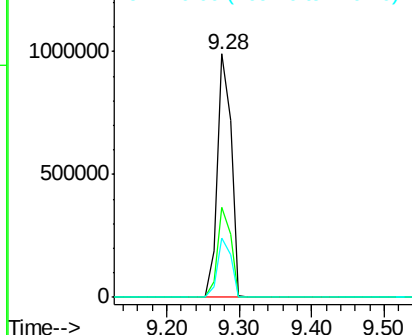
#44
 2-Fluorobiphenyl
 Concen: 102.74 ng
 RT: 9.28 min Scan# 629
 Delta R.T. -0.01 min
 Lab File: BF083757.D
 Acq: 14 Dec 2015 4:37

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

Tgt Ion:172 Resp: 1315637
 Ion Ratio Lower Upper
 172 100
 171 37.1 28.6 42.8
 170 24.1 19.4 29.0

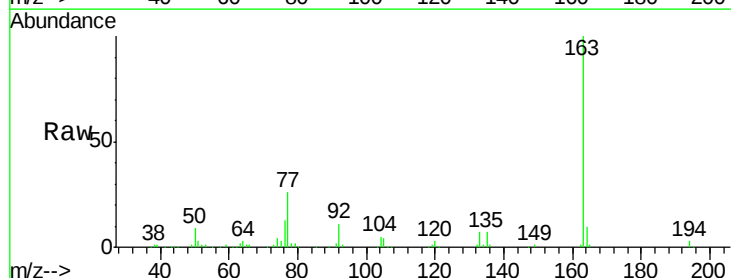


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

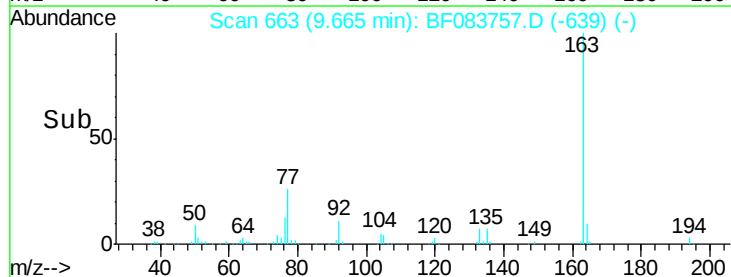
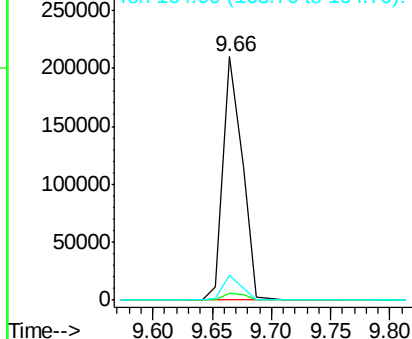


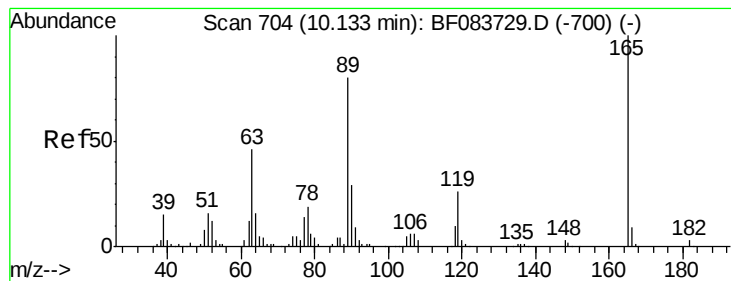
#49
 Dimethylphthalate
 Concen: 14.97 ng
 RT: 9.66 min Scan# 663
 Delta R.T. -0.02 min
 Lab File: BF083757.D
 Acq: 14 Dec 2015 4:37

Tgt Ion:163 Resp: 234052
 Ion Ratio Lower Upper
 163 100
 194 3.0 2.8 4.2
 164 10.3 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: 5.99 ng

RT: 9.95 min Scan# 688

Delta R.T. -0.19 min

Lab File: BF083757.D

Acq: 14 Dec 2015 4:37

Instrument :

BNA_F

ClientSampleId :

2-STOCKPILE-(0-2)

Tgt Ion:165 Resp: 25975

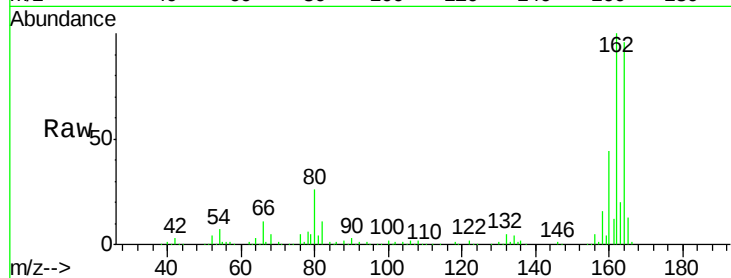
Ion Ratio Lower Upper

165 100

63 1.6 51.4 77.2#

89 2.0 72.6 108.8#

182 0.0 1.4 2.0#

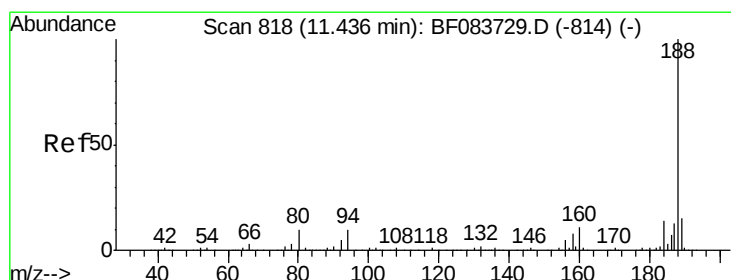
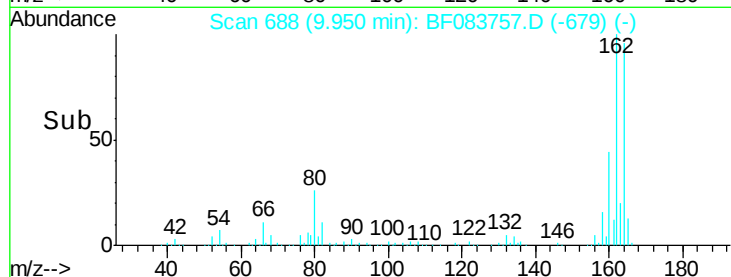
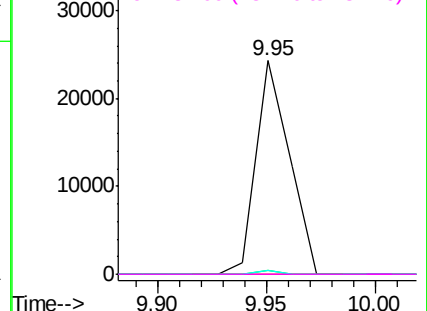


Abundance Ion 165.00 (164.70 to 165.70): E

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: BF083757.D

Acq: 14 Dec 2015 4:37

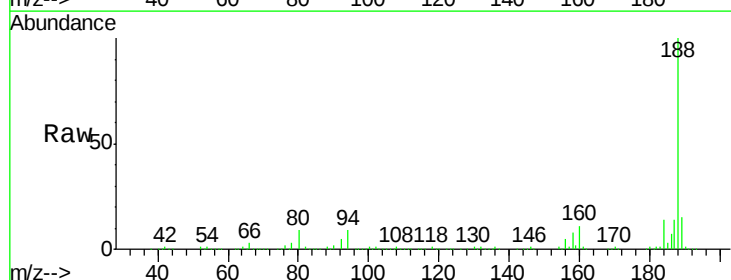
Tgt Ion:188 Resp: 333190

Ion Ratio Lower Upper

188 100

94 8.7 9.4 14.2#

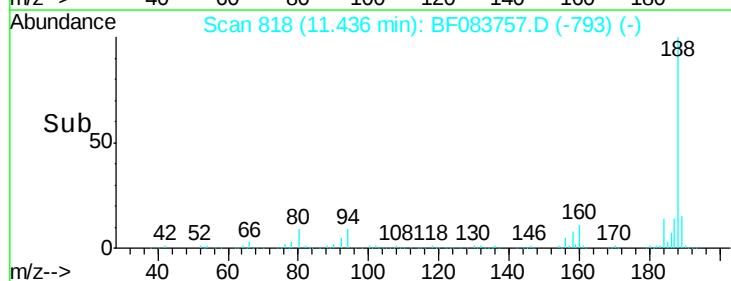
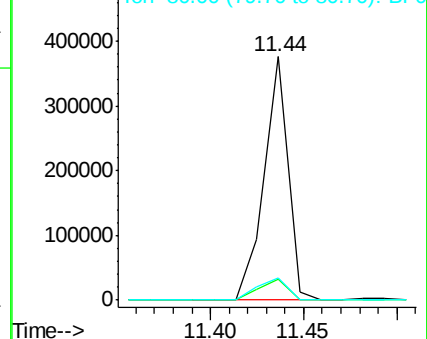
80 9.0 10.6 16.0#

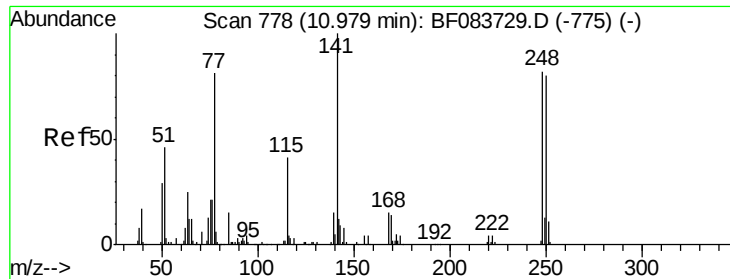


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

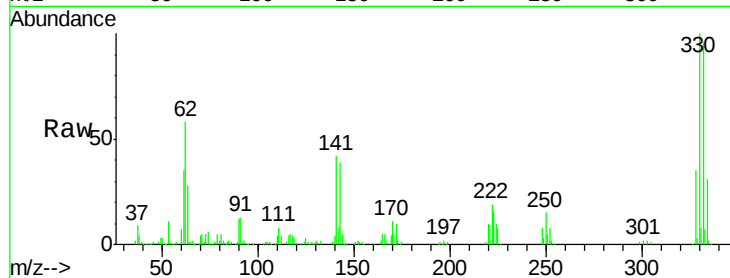




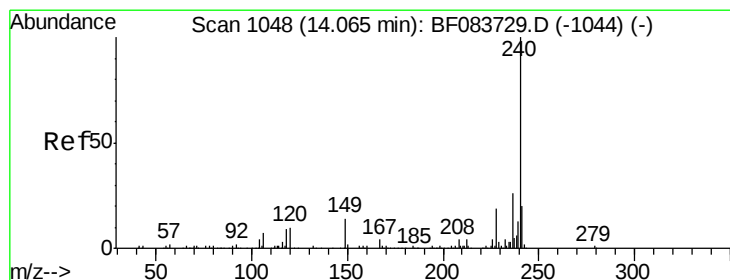
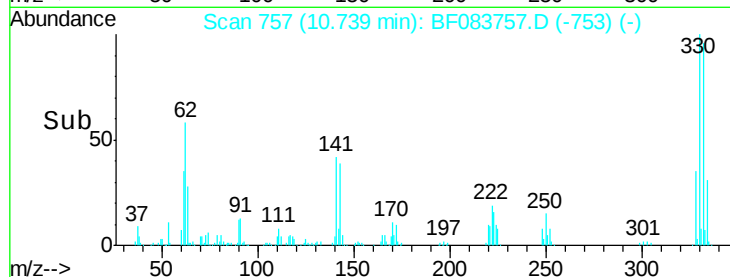
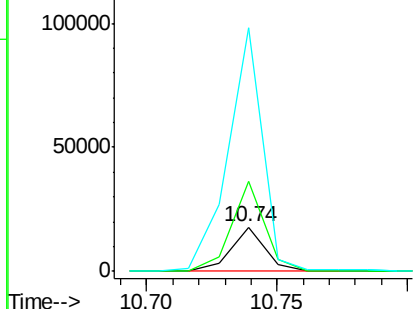
#66
 4-Bromophenyl-phenylether
 Concen: 4.42 ng
 RT: 10.74 min Scan# 757
 Delta R.T. -0.25 min
 Lab File: BF083757.D
 Acq: 14 Dec 2015 4:37

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

Tgt Ion:248 Resp: 16480
 Ion Ratio Lower Upper
 248 100
 250 201.7 79.2 118.8#
 141 548.0 58.2 87.4#

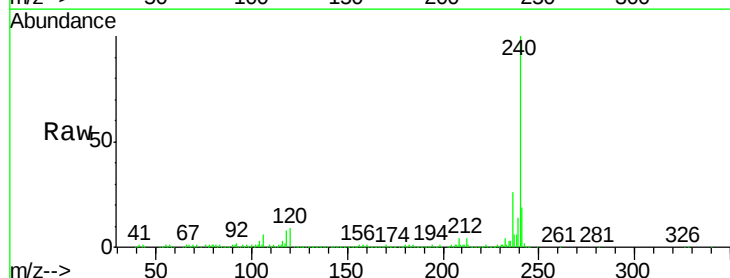


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

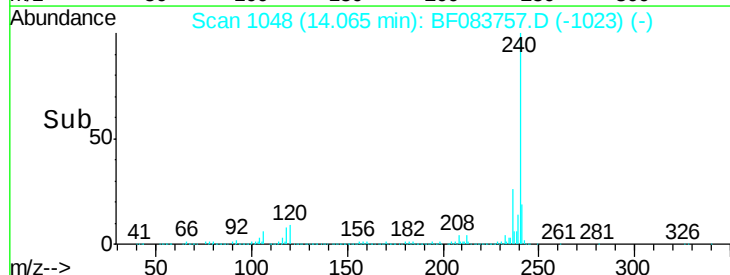
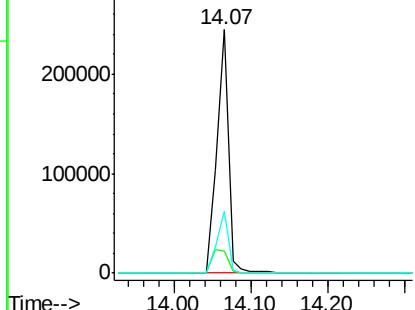


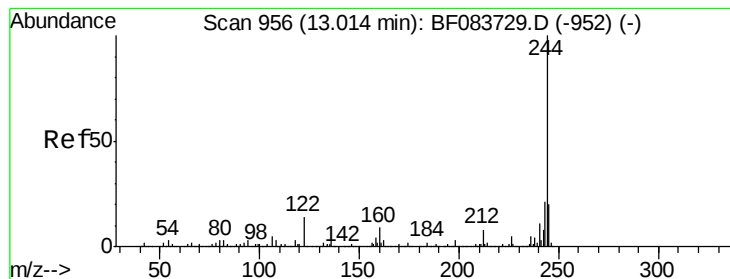
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.07 min Scan# 1048
 Delta R.T. -0.01 min
 Lab File: BF083757.D
 Acq: 14 Dec 2015 4:37

Tgt Ion:240 Resp: 257400
 Ion Ratio Lower Upper
 240 100
 120 9.2 8.1 12.1
 236 25.6 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: 75.49 ng

RT: 13.01 min Scan# 956

Delta R.T. -0.01 min

Lab File: BF083757.D

Acq: 14 Dec 2015 4:37

Instrument :

BNA_F

ClientSampleId :

2-STOCKPILE-(0-2)

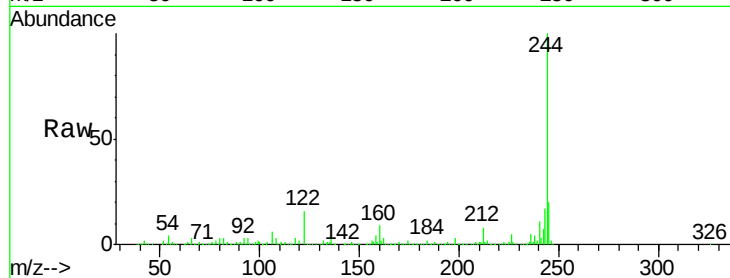
Tgt Ion:244 Resp: 903281

Ion Ratio Lower Upper

244 100

212 7.7 6.1 9.1

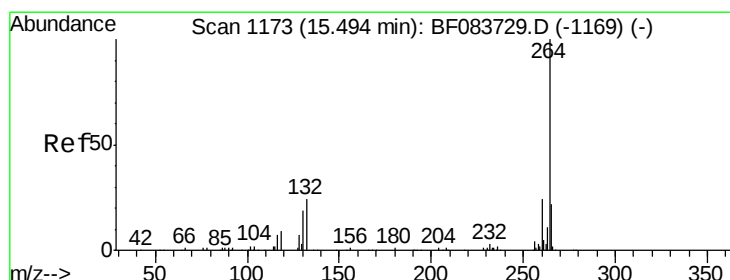
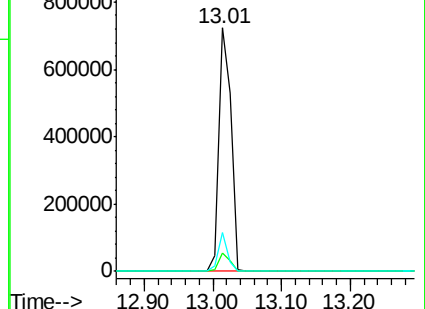
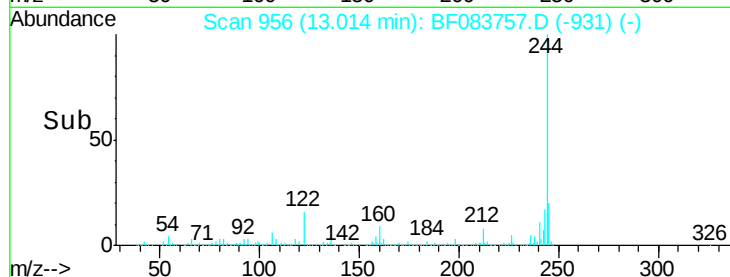
122 16.1 11.0 16.6



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.51 min Scan# 1174

Delta R.T. 0.00 min

Lab File: BF083757.D

Acq: 14 Dec 2015 4:37

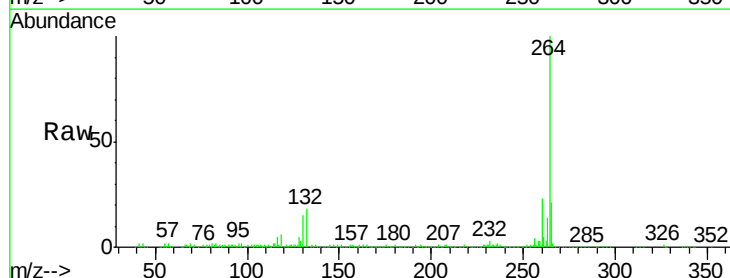
Tgt Ion:264 Resp: 222695

Ion Ratio Lower Upper

264 100

260 23.4 19.4 29.0

265 21.1 17.8 26.6



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

