

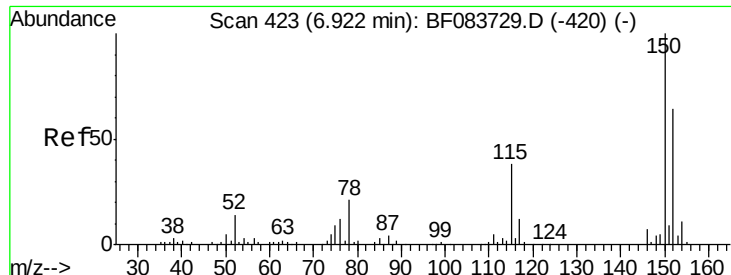
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121315\
 Data File : BF083756.D
 Acq On : 14 Dec 2015 4:10
 Operator : UM/IZ
 Sample : G4731-01
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

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

Quant Time: Dec 14 06:29:44 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	124508	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	481113	20.00	ng	-0.01
38) Acenaphthene-d10	9.95	164	202487	20.00	ng	-0.01
63) Phenanthrene-d10	11.44	188	316930	20.00	ng	-0.01
75) Chrysene-d12	14.07	240	261290	20.00	ng	-0.01
86) Perylene-d12	15.51	264	216093	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	995260	128.96	ng	0.00
7) Phenol-d6	6.54	99	1275663	130.52	ng	0.00
23) Nitrobenzene-d5	7.48	82	841854	97.90	ng	0.00
41) 2,4,6-Tribromophenol	10.74	330	238596	115.64	ng	-0.01
44) 2-Fluorobiphenyl	9.28	172	1215359	89.34	ng	-0.01
78) Terphenyl-d14	13.01	244	860184	70.81	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.69	77	24760	4.72	ng	Qvalue 96
19) n-Nitroso-di-n-propylamine	7.48	70	115856	19.36	ng	# 71
25) Isophorone	7.48	82	804896	47.71	ng	# 69
49) Dimethylphthalate	9.66	163	206850	13.10	ng	99
56) 2,4-Dinitrotoluene	9.95	165	26364	6.02	ng	# 13
66) 4-Bromophenyl-phenylether	10.74	248	17273	4.87	ng	# 1
83) Bis(2-ethylhexyl)phthalate	14.05	149	48258	4.78	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.92 min Scan# 423

Delta R.T. 0.00 min

Lab File: BF083756.D

Acq: 14 Dec 2015 4:10

Instrument :

BNA_F

ClientSampleId :

1-STOCKPILE-(0-2)

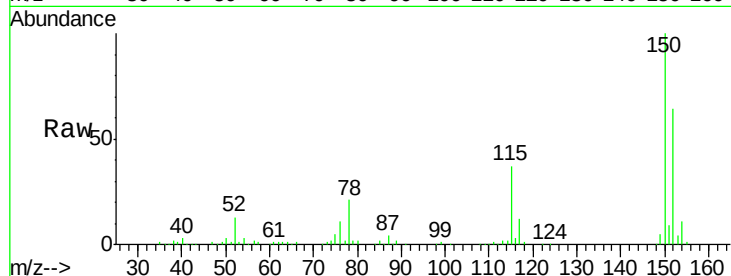
Tgt Ion:152 Resp: 124508

Ion Ratio Lower Upper

152 100

150 155.8 126.5 189.7

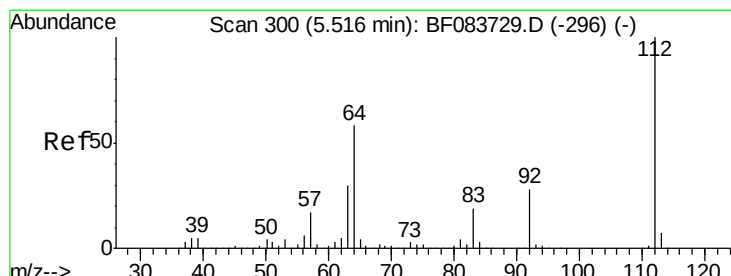
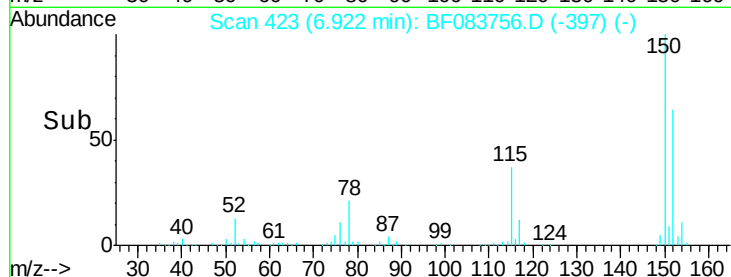
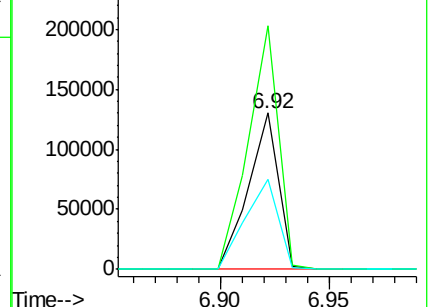
115 57.6 52.3 78.5



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: 128.96 ng

RT: 5.53 min Scan# 301

Delta R.T. 0.00 min

Lab File: BF083756.D

Acq: 14 Dec 2015 4:10

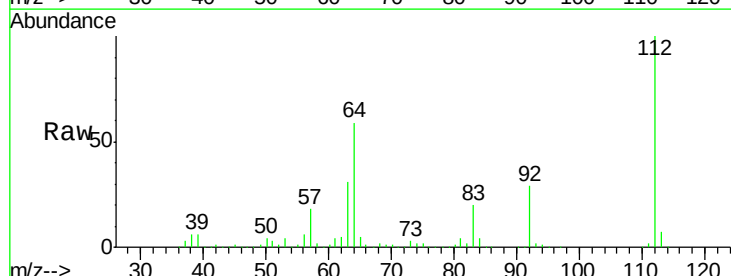
Tgt Ion:112 Resp: 995260

Ion Ratio Lower Upper

112 100

64 59.2 50.5 75.7

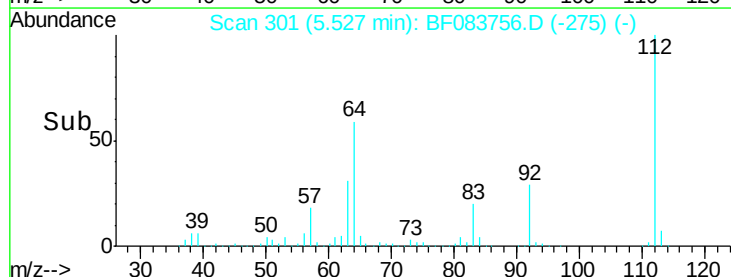
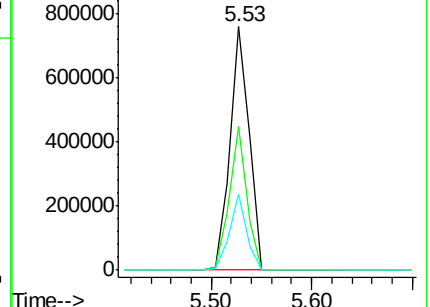
63 31.2 25.8 38.6

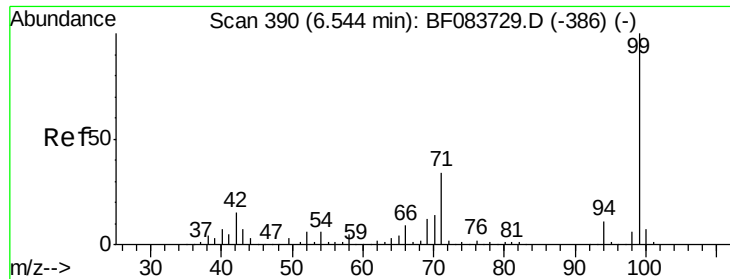


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 130.52 ng

RT: 6.54 min Scan# 390

Delta R.T. 0.00 min

Lab File: BF083756.D

Acq: 14 Dec 2015 4:10

Instrument :

BNA_F

ClientSampleId :

1-STOCKPILE-(0-2)

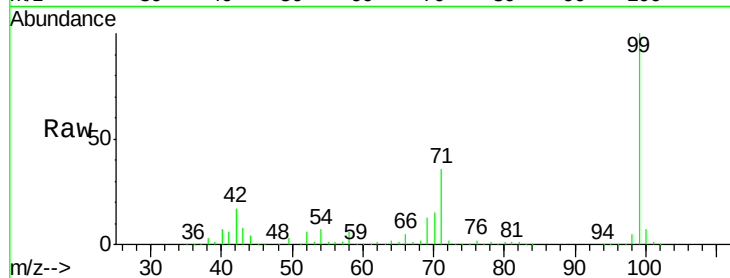
Tgt Ion: 99 Resp: 1275663

Ion Ratio Lower Upper

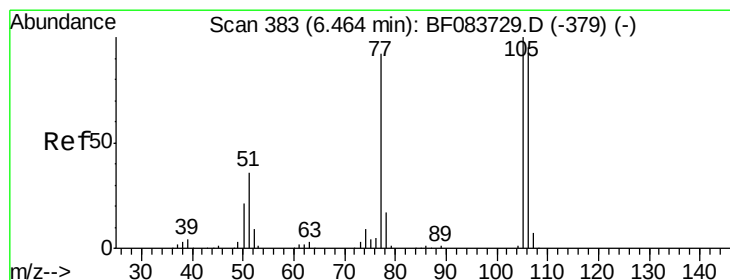
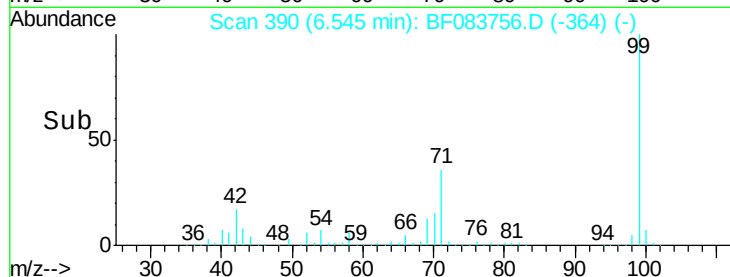
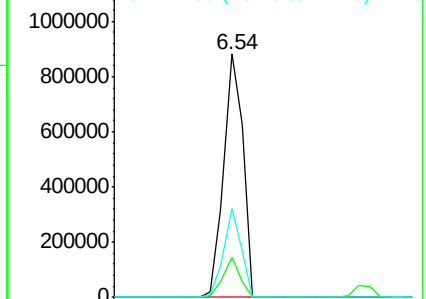
99 100

42 16.6 17.3 25.9#

71 36.4 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: 4.72 ng

RT: 6.69 min Scan# 403

Delta R.T. 0.23 min

Lab File: BF083756.D

Acq: 14 Dec 2015 4:10

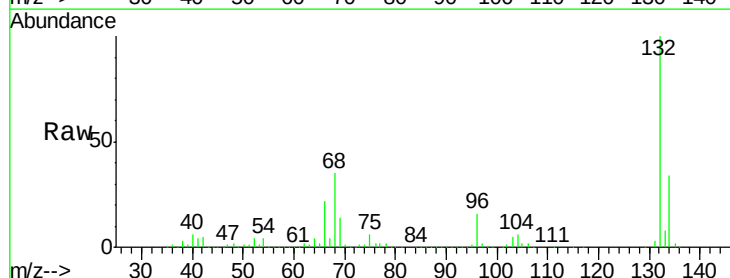
Tgt Ion: 77 Resp: 24760

Ion Ratio Lower Upper

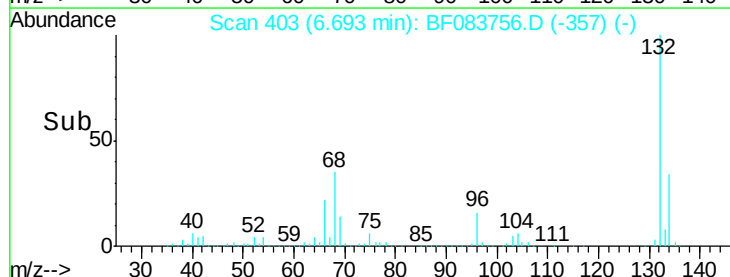
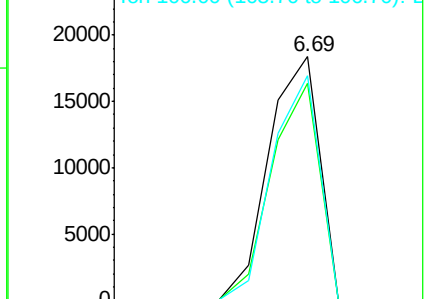
77 100

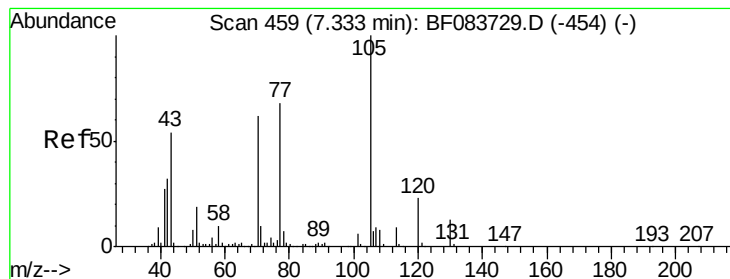
105 89.0 71.8 111.8

106 92.2 66.8 106.8



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): BF0
Ion 106.00 (105.70 to 106.70): BF0





#19

n-Nitroso-di-n-propylamine

Concen: 19.36 ng

RT: 7.48 min Scan# 472

Delta R.T. 0.14 min

Lab File: BF083756.D

Acq: 14 Dec 2015 4:10

Instrument :

BNA_F

ClientSampleId :

1-STOCKPILE-(0-2)

Tgt Ion: 70 Resp: 115856

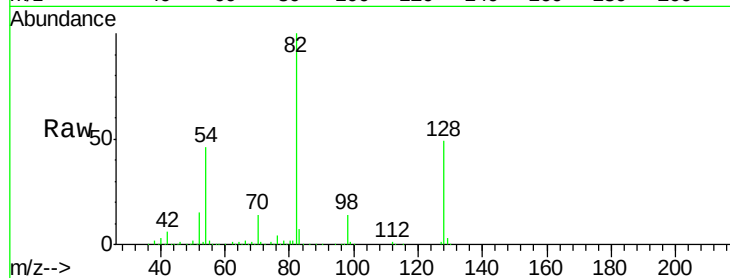
Ion Ratio Lower Upper

70 100

42 41.1 49.2 73.8#

101 0.0 7.1 10.7#

130 2.2 15.4 23.0#

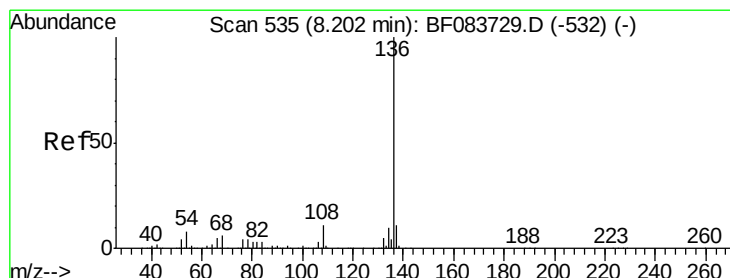
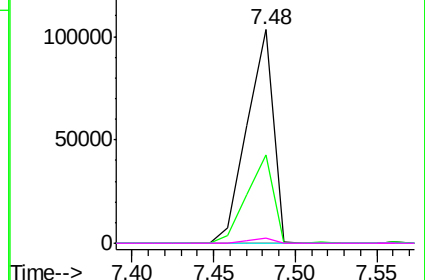
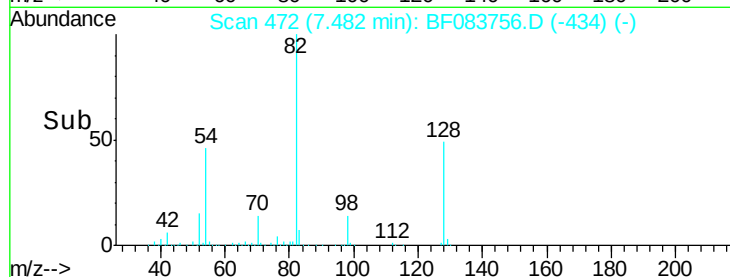


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: BF083756.D

Acq: 14 Dec 2015 4:10

Tgt Ion: 136 Resp: 481113

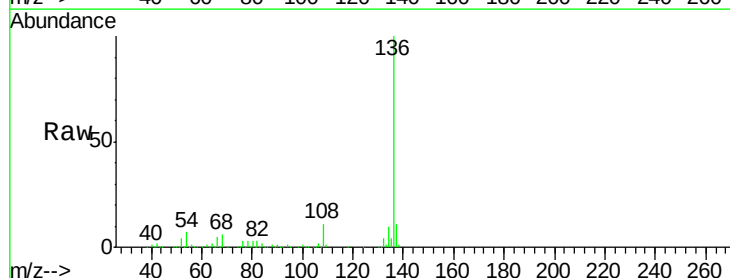
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 6.9 7.8 11.6#

68 5.6 5.7 8.5#

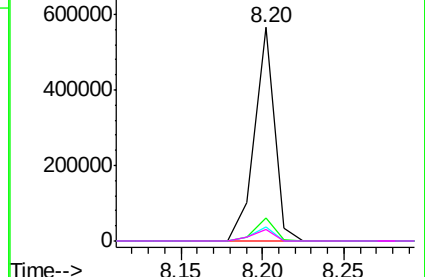
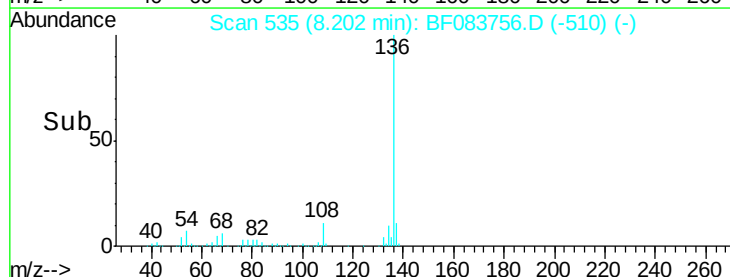


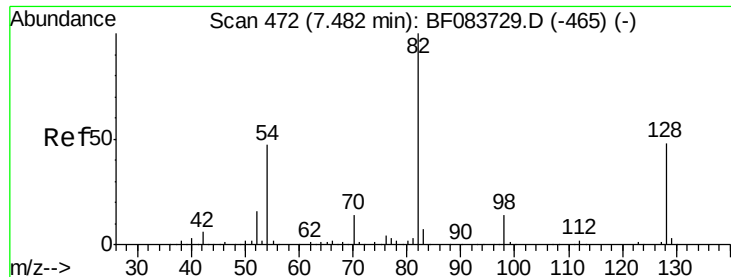
Abundance Ion 136.00 (135.70 to 136.70): E

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

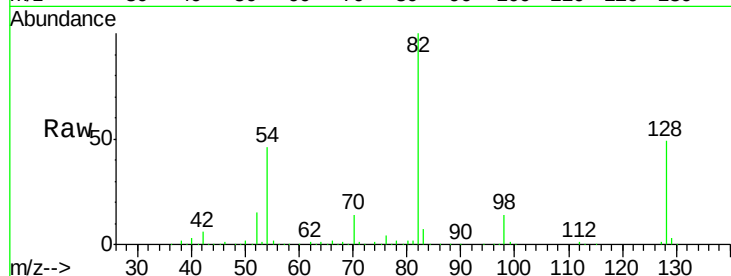




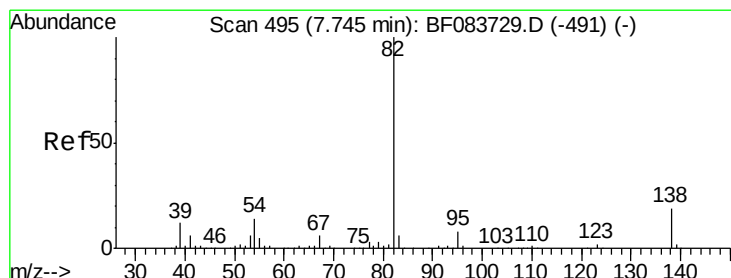
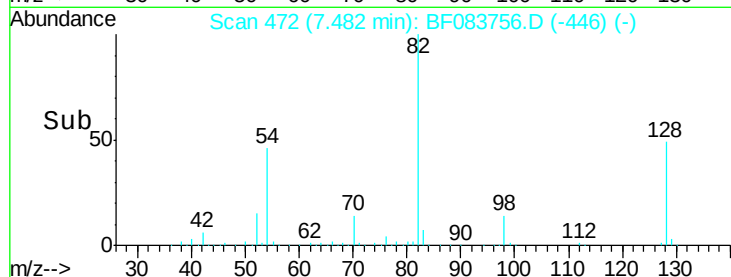
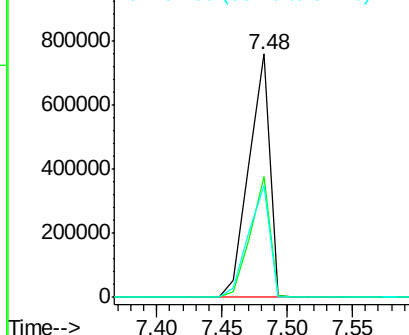
#23
Nitrobenzene-d5
Concen: 97.90 ng
RT: 7.48 min Scan# 472
Delta R.T. 0.00 min
Lab File: BF083756.D
Acq: 14 Dec 2015 4:10

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

Tgt Ion	Ratio	Lower	Upper
82	100		
128	49.5	30.7	46.1#
54	45.7	42.5	63.7

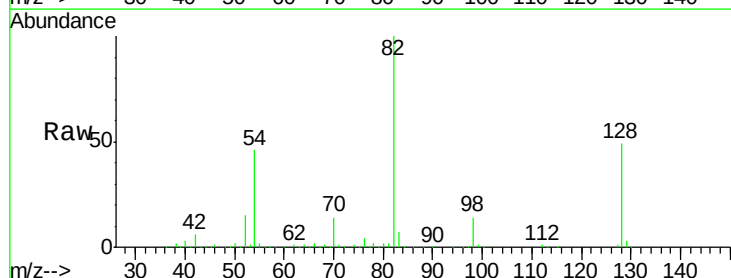


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

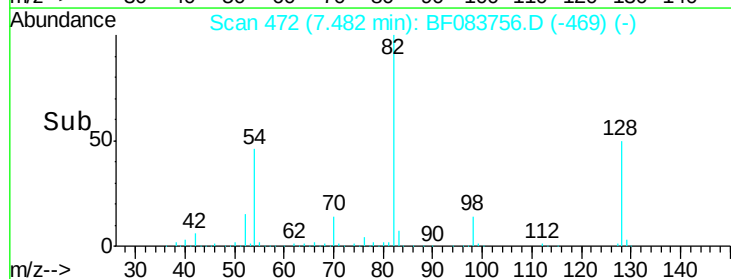
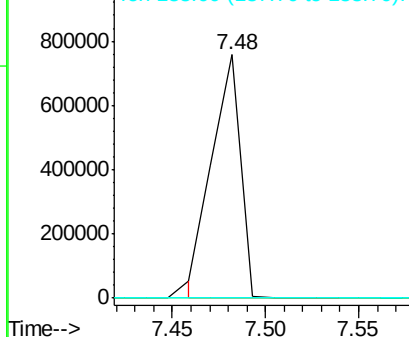


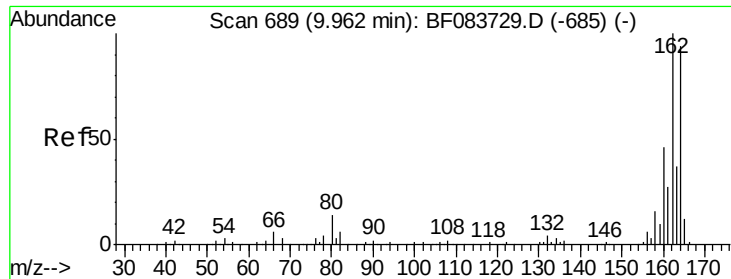
#25
Isophorone
Concen: 47.71 ng
RT: 7.48 min Scan# 472
Delta R.T. -0.26 min
Lab File: BF083756.D
Acq: 14 Dec 2015 4:10

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: BF083756.D

Acq: 14 Dec 2015 4:10

Instrument :

BNA_F

ClientSampleId :

1-STOCKPILE-(0-2)

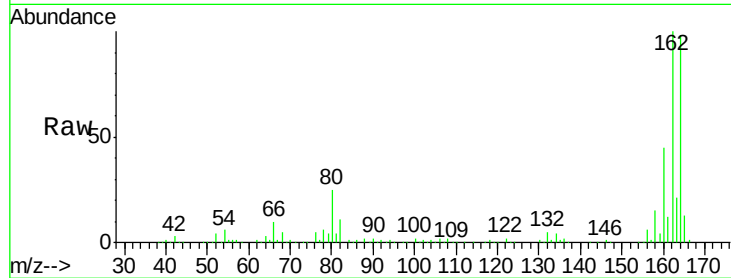
Tgt Ion:164 Resp: 202487

Ion Ratio Lower Upper

164 100

162 102.0 78.8 118.2

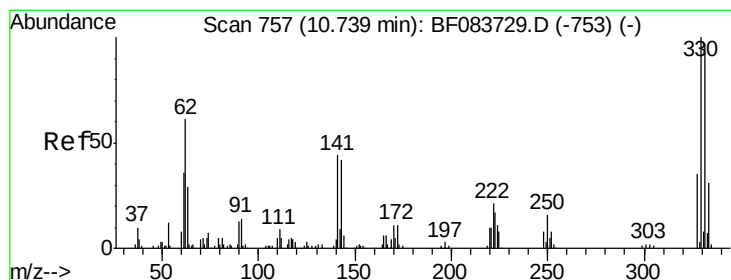
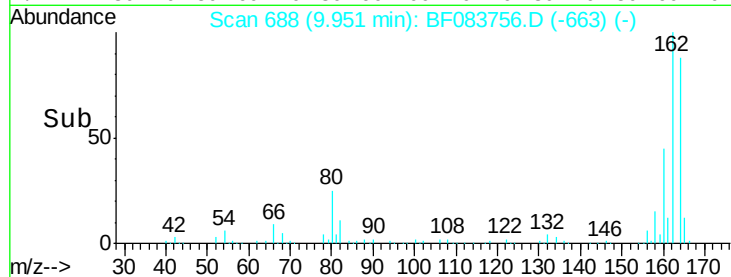
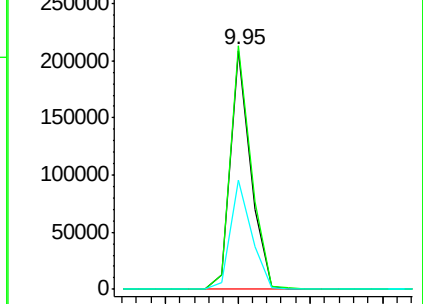
160 45.7 33.4 50.2



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: 115.64 ng

RT: 10.74 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF083756.D

Acq: 14 Dec 2015 4:10

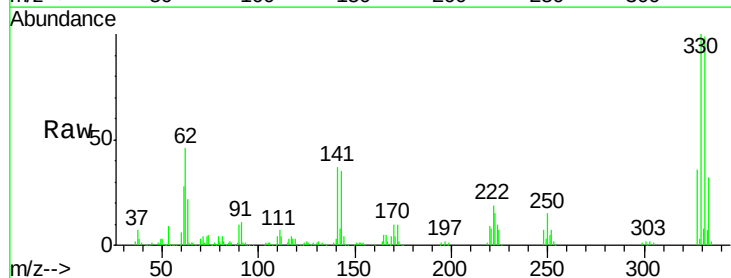
Tgt Ion:330 Resp: 238596

Ion Ratio Lower Upper

330 100

332 97.7 0.0 0.0#

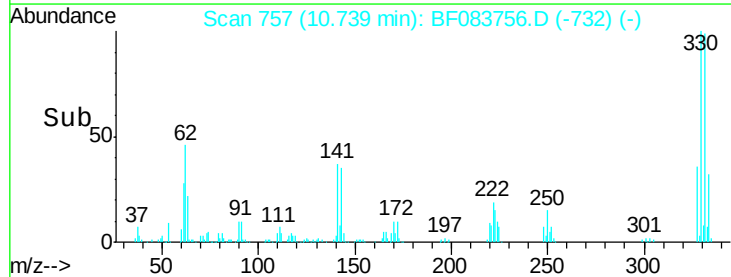
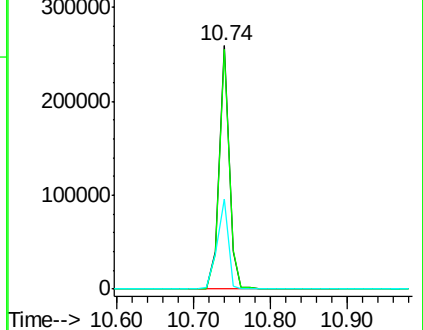
141 40.5 0.0 0.0#

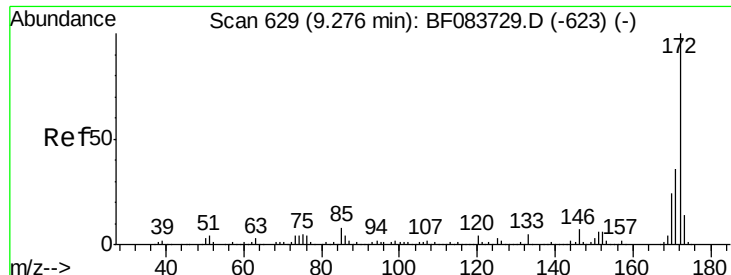


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

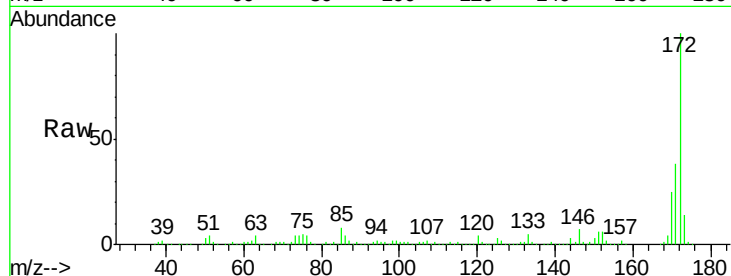




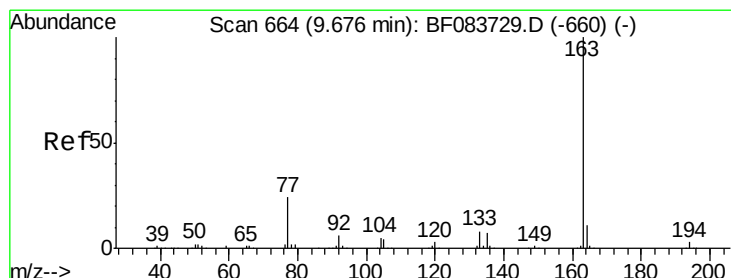
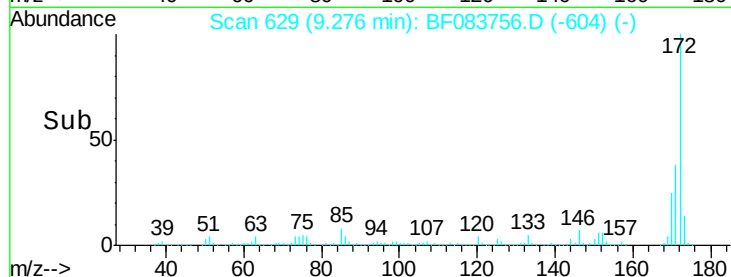
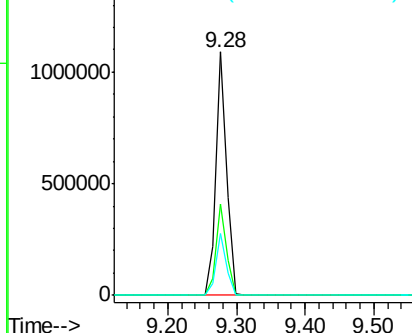
#44
2-Fluorobiphenyl
Concen: 89.34 ng
RT: 9.28 min Scan# 629
Delta R.T. -0.01 min
Lab File: BF083756.D
Acq: 14 Dec 2015 4:10

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

Tgt Ion:172 Resp: 1215359
Ion Ratio Lower Upper
172 100
171 37.6 28.6 42.8
170 25.3 19.4 29.0

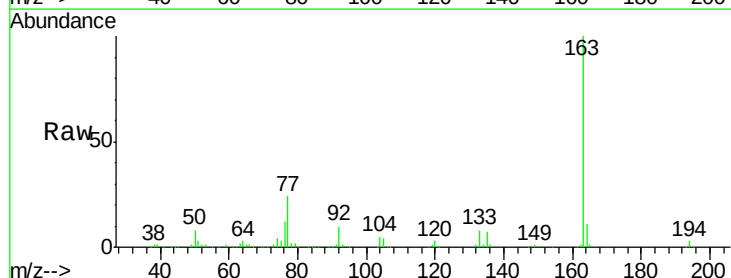


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

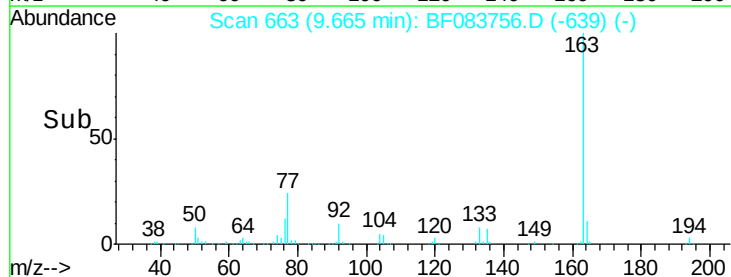
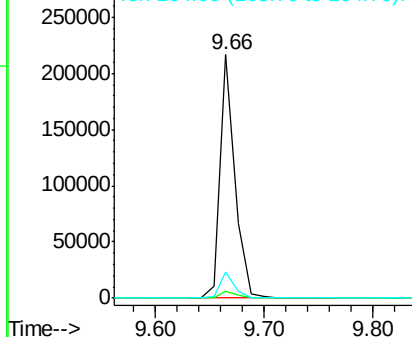


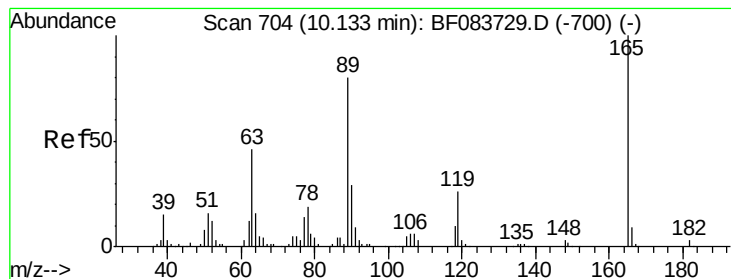
#49
Dimethylphthalate
Concen: 13.10 ng
RT: 9.66 min Scan# 663
Delta R.T. -0.02 min
Lab File: BF083756.D
Acq: 14 Dec 2015 4:10

Tgt Ion:163 Resp: 206850
Ion Ratio Lower Upper
163 100
194 3.0 2.8 4.2
164 10.6 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: 6.02 ng

RT: 9.95 min Scan# 688

Delta R.T. -0.19 min

Lab File: BF083756.D

Acq: 14 Dec 2015 4:10

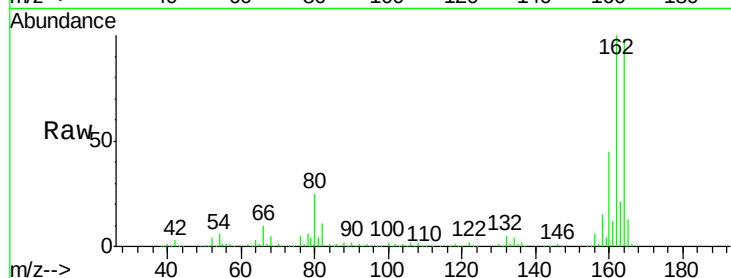
Instrument :

BNA_F

ClientSampleId :

1-STOCKPILE-(0-2)

Tgt Ion:	165	Resp:	26364
Ion Ratio	Lower	Upper	
165	100		
63	1.9	51.4	77.2#
89	1.8	72.6	108.8#
182	0.0	1.4	2.0#

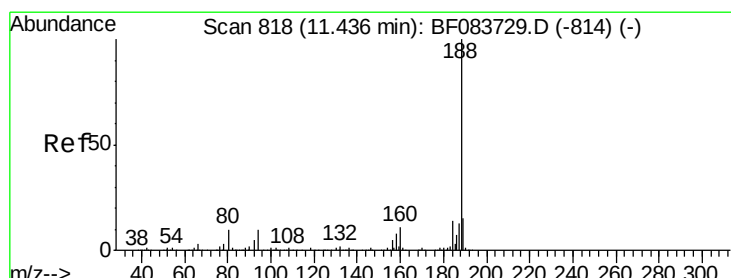
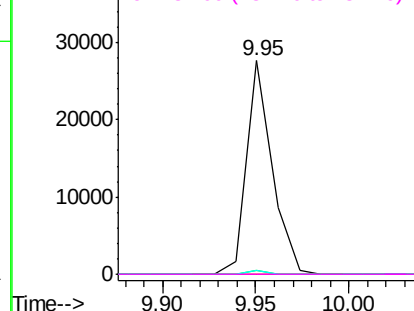
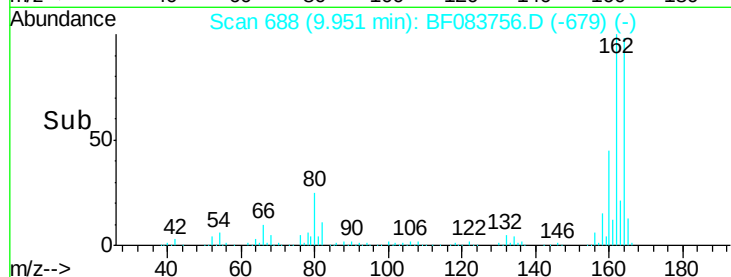


Abundance Ion 165.00 (164.70 to 165.70): E

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

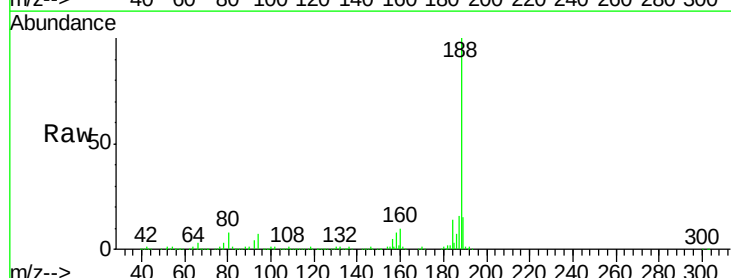
RT: 11.44 min Scan# 818

Delta R.T. -0.01 min

Lab File: BF083756.D

Acq: 14 Dec 2015 4:10

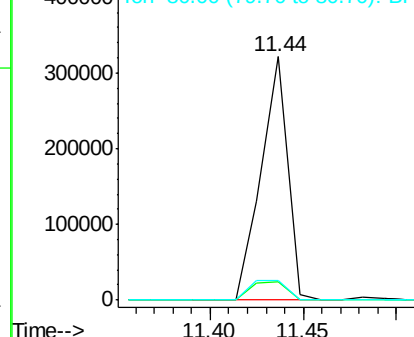
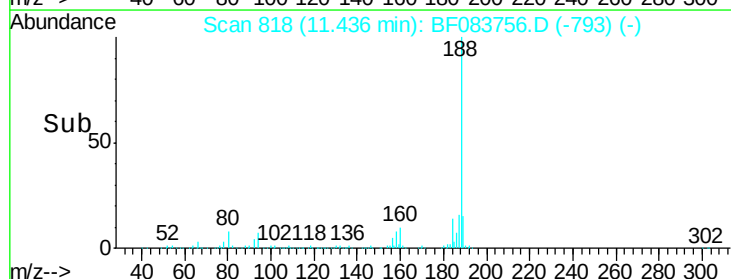
Tgt Ion:	188	Resp:	316930
Ion Ratio	Lower	Upper	
188	100		
94	7.4	9.4	14.2#
80	8.2	10.6	16.0#

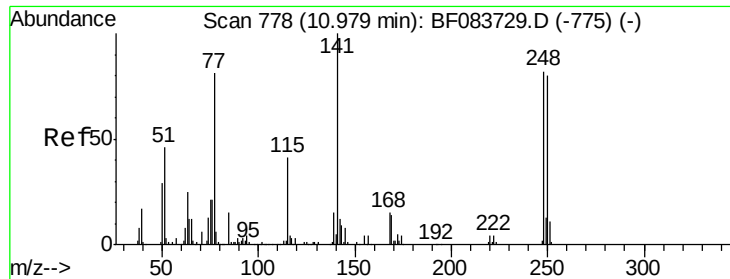


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

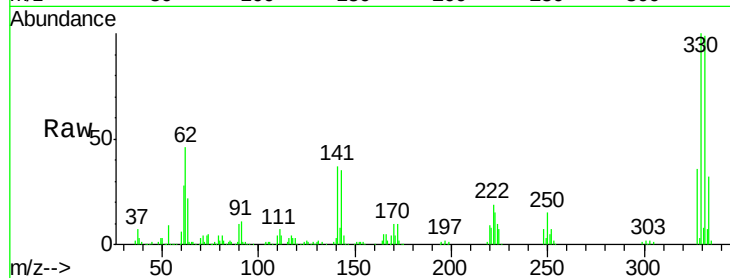




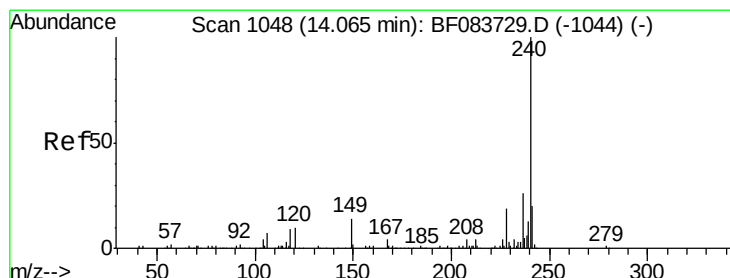
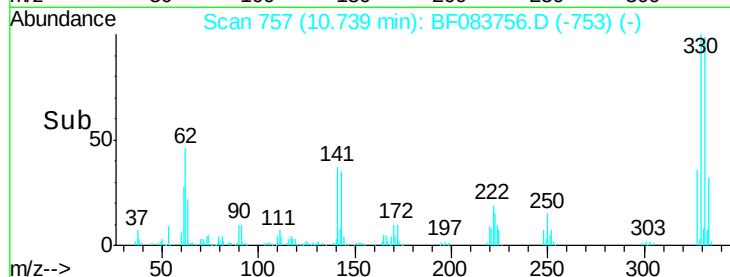
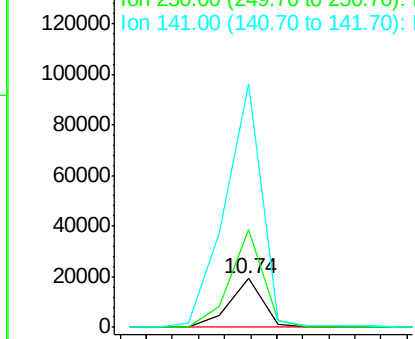
#66
4-Bromophenyl-phenylether
Concen: 4.87 ng
RT: 10.74 min Scan# 757
Delta R.T. -0.25 min
Lab File: BF083756.D
Acq: 14 Dec 2015 4:10

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

Tgt Ion:248 Resp: 17273
Ion Ratio Lower Upper
248 100
250 200.9 79.2 118.8#
141 500.6 58.2 87.4#

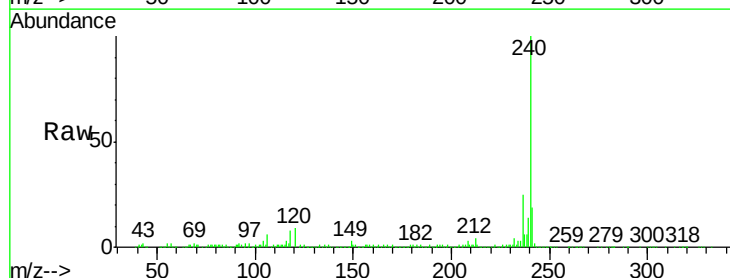


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

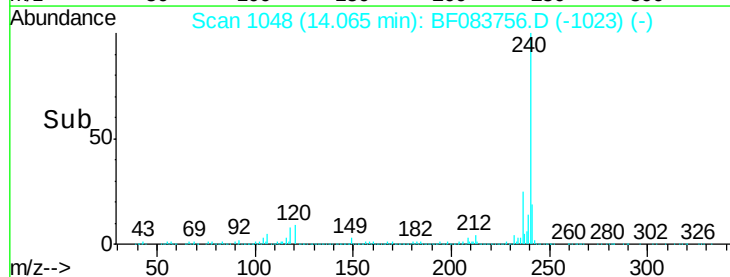
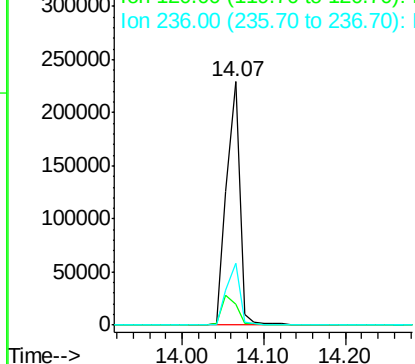


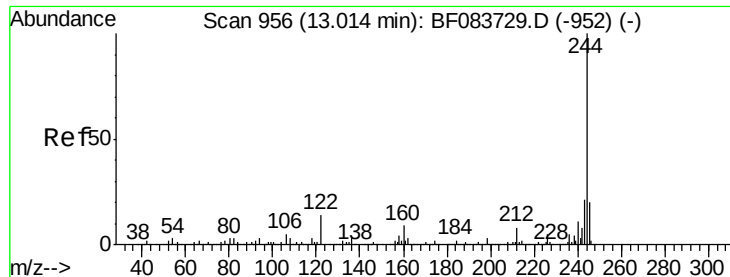
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.07 min Scan# 1048
Delta R.T. -0.01 min
Lab File: BF083756.D
Acq: 14 Dec 2015 4:10

Tgt Ion:240 Resp: 261290
Ion Ratio Lower Upper
240 100
120 8.8 8.1 12.1
236 25.4 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

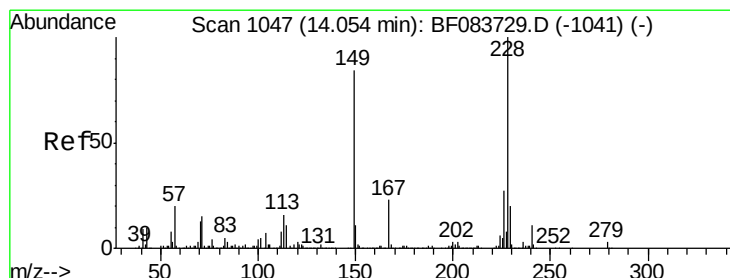
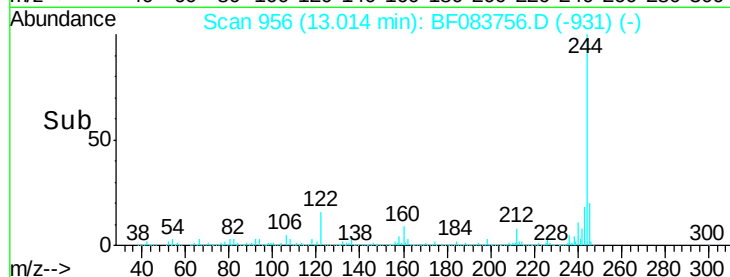
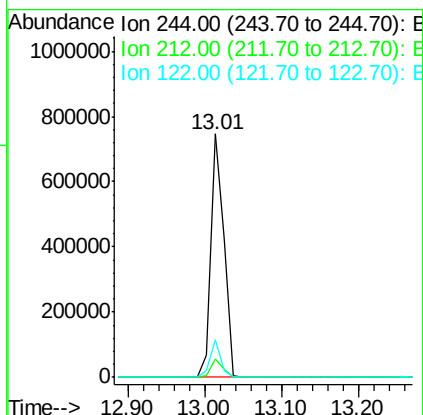
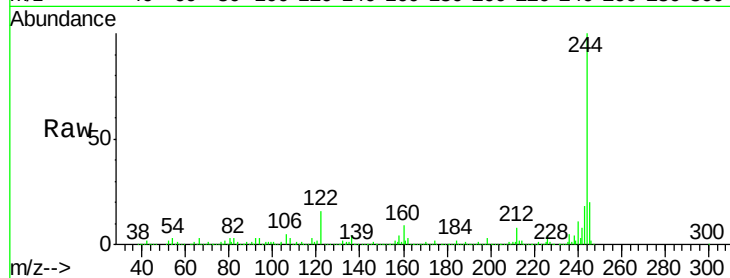




#78
 Terphenyl-d14
 Concen: 70.81 ng
 RT: 13.01 min Scan# 956
 Delta R.T. -0.01 min
 Lab File: BF083756.D
 Acq: 14 Dec 2015 4:10

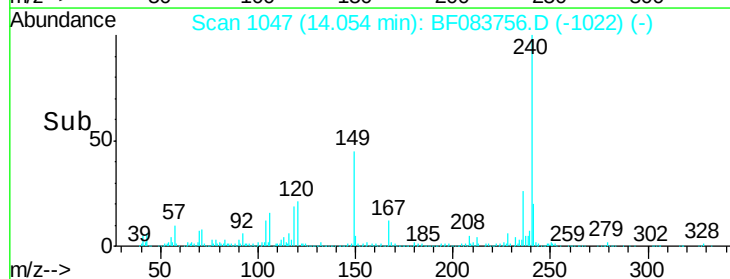
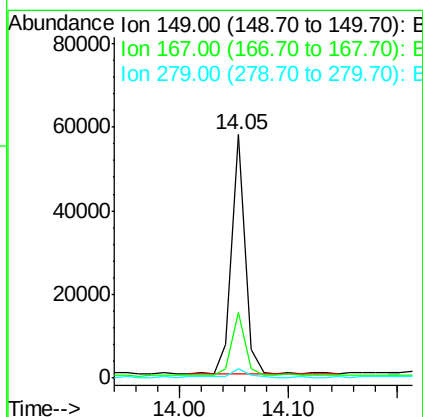
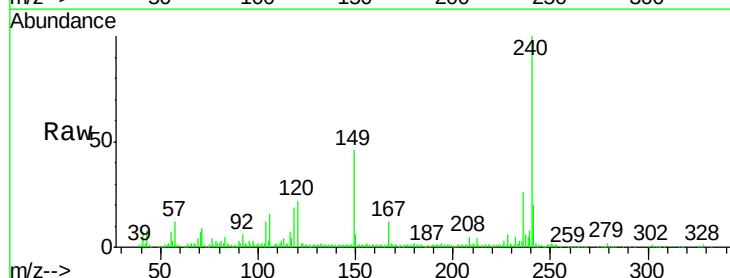
Instrument :
 BNA_F
 ClientSampleId :
 1-STOCKPILE-(0-2)

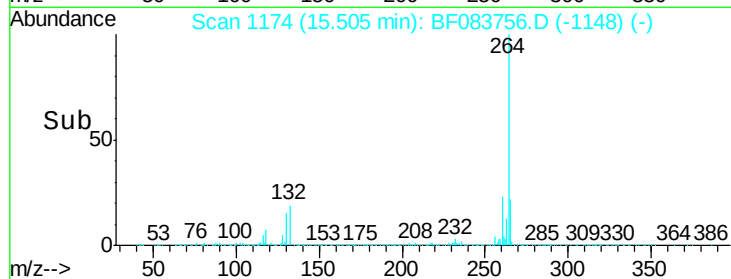
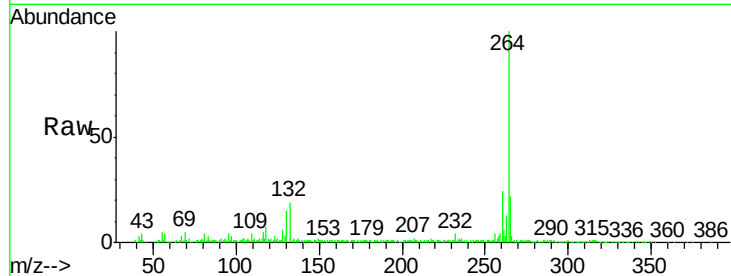
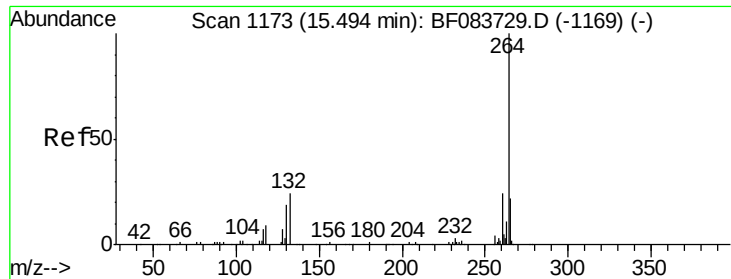
Tgt Ion:244 Resp: 860184
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.1 9.1
 122 15.5 11.0 16.6



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 4.78 ng
 RT: 14.05 min Scan# 1047
 Delta R.T. -0.01 min
 Lab File: BF083756.D
 Acq: 14 Dec 2015 4:10

Tgt Ion:149 Resp: 48258
 Ion Ratio Lower Upper
 149 100
 167 26.9 21.8 32.8
 279 3.7 3.0 4.4





#86

Perylene-d12

Concen: 20.00 ng

RT: 15.51 min Scan# 1174

Delta R.T. 0.00 min

Lab File: BF083756.D

Acq: 14 Dec 2015 4:10

Instrument :

BNA_F

ClientSampleId :

1-STOCKPILE-(0-2)

Tgt Ion: 264 Resp: 216093

Ion Ratio Lower Upper

264 100

260 23.8 19.4 29.0

265 22.0 17.8 26.6

