

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072215\
 Data File : BF080570.D
 Acq On : 22 Jul 2015 23:10
 Operator : TP/UM
 Sample : G2973-06
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-6D56

Quant Time: Jul 23 05:48:00 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 23 05:13:42 2015
 Response via : Initial Calibration

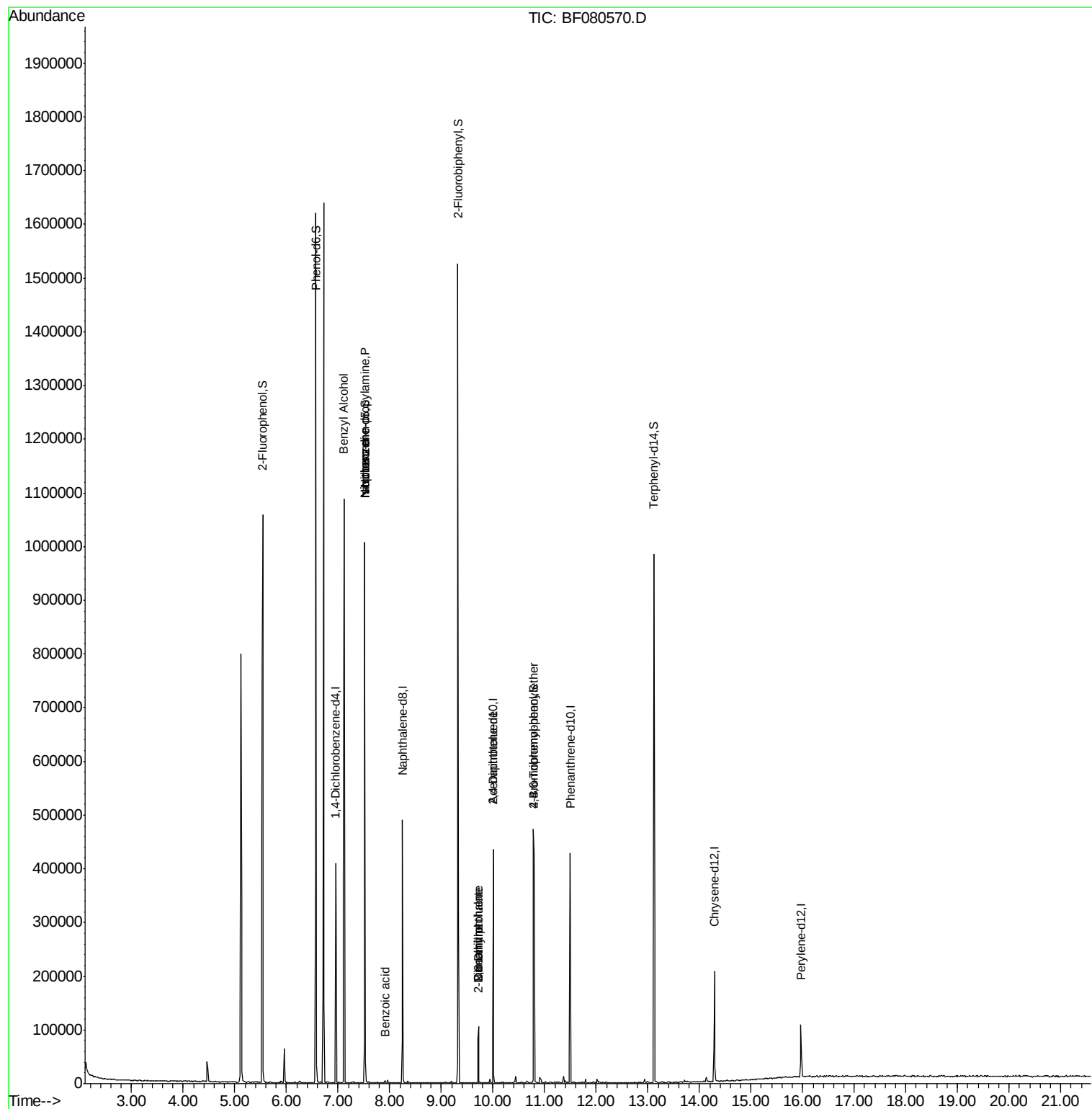
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	49810	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	184927	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	79258	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	135824	20.00	ng	0.00
75) Chrysene-d12	14.29	240	79682	20.00	ng	-0.02
86) Perylene-d12	15.96	264	45438	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	327731	116.68	ng	0.01
7) Phenol-d6	6.57	99	435402	125.87	ng	0.00
23) Nitrobenzene-d5	7.52	82	241572	84.14	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	67409	114.68	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	402708	73.06	ng	0.00
78) Terphenyl-d14	13.12	244	306439	78.86	ng	-0.01
Target Compounds						
15) Benzyl Alcohol	7.12	79	5738	2.00	ng	# 44
19) n-Nitroso-di-n-propylamine	7.52	70	35426	15.95	ng	# 76
24) Nitrobenzene	7.52	77	548	4.47	ng	# 33
25) Isophorone	7.52	82	226626	37.37	ng	# 66
32) Benzoic acid	7.92	122	320	3.35	ng	94
47) 2-Nitroaniline	9.71	65	607	3.12	ng	# 1
49) Dimethylphthalate	9.72	163	56530	10.16	ng	# 98
50) 2,6-Dinitrotoluene	9.72	165	734	4.51	ng	# 50
56) 2,4-Dinitrotoluene	10.01	165	10906	16.97	ng	# 10
66) 4-Bromophenyl-phenylether	10.80	248	4890	3.74	ng	# 1

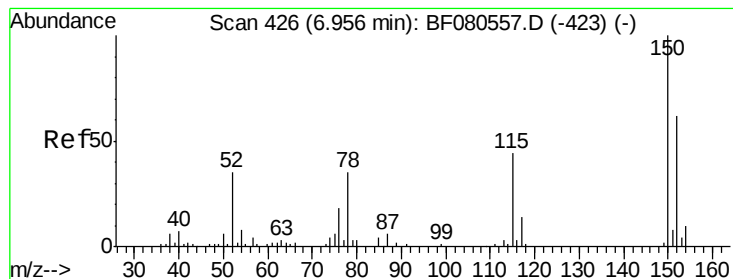
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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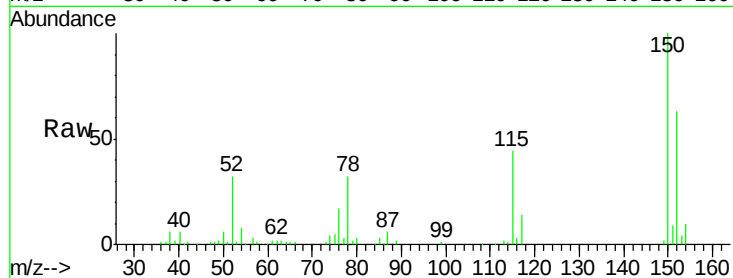




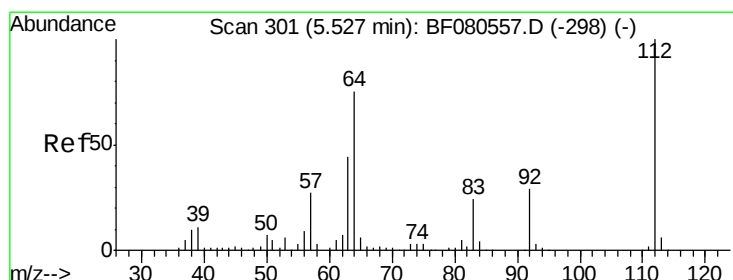
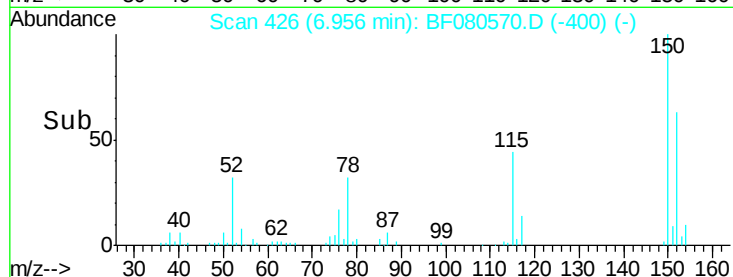
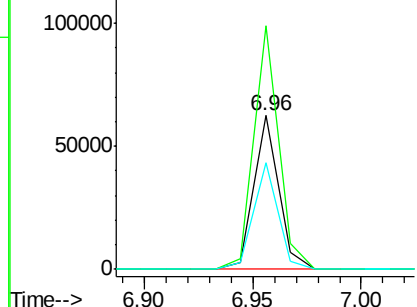
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.96 min Scan# 426
 Delta R.T. 0.00 min
 Lab File: BF080570.D
 Acq: 22 Jul 2015 23:10

Instrument :
 BNA_F
 ClientSampleId :
 TP-6D56

Tgt Ion:152 Resp: 49810
 Ion Ratio Lower Upper
 152 100
 150 158.2 128.7 193.1
 115 69.3 56.8 85.2

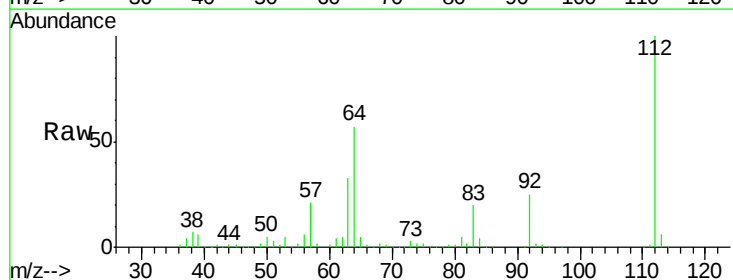


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

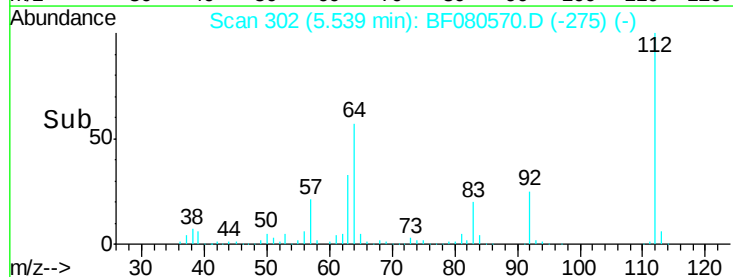
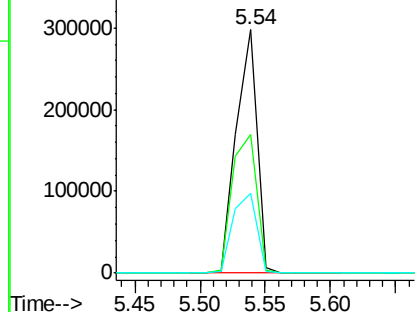


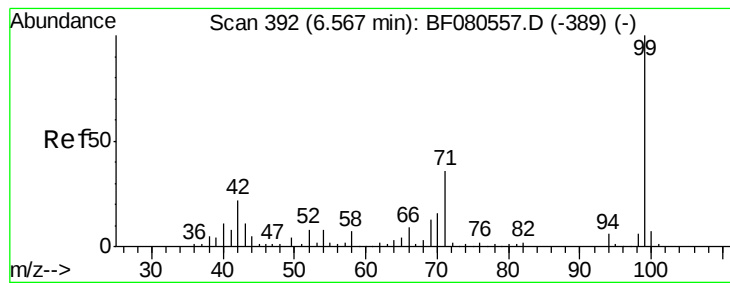
#5
 2-Fluorophenol
 Concen: 116.68 ng
 RT: 5.54 min Scan# 302
 Delta R.T. 0.01 min
 Lab File: BF080570.D
 Acq: 22 Jul 2015 23:10

Tgt Ion:112 Resp: 327731
 Ion Ratio Lower Upper
 112 100
 64 56.8 60.2 90.2#
 63 32.7 34.8 52.2#



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: 125.87 ng

RT: 6.57 min Scan# 392

Delta R.T. 0.00 min

Lab File: BF080570.D

Acq: 22 Jul 2015 23:10

Instrument :

BNA_F

ClientSampleId :

TP-6D56

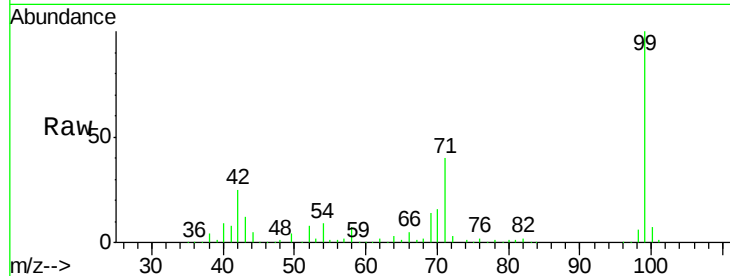
Tgt Ion: 99 Resp: 435402

Ion Ratio Lower Upper

99 100

42 24.6 17.4 26.2

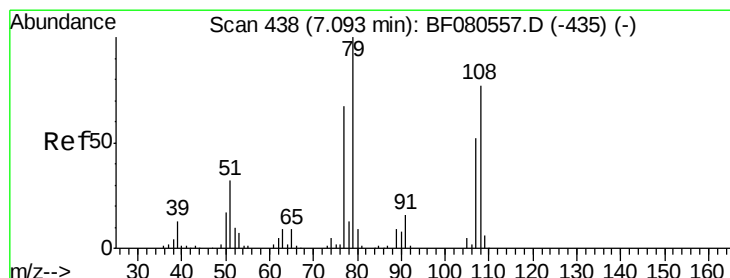
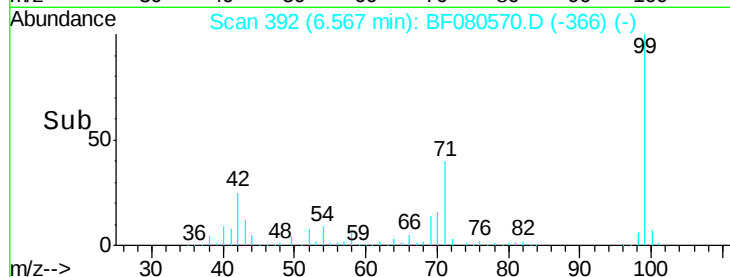
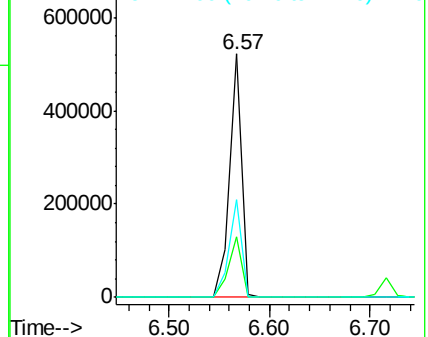
71 40.0 29.0 43.6



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



#15

Benzyl Alcohol

Concen: 2.00 ng

RT: 7.12 min Scan# 440

Delta R.T. 0.02 min

Lab File: BF080570.D

Acq: 22 Jul 2015 23:10

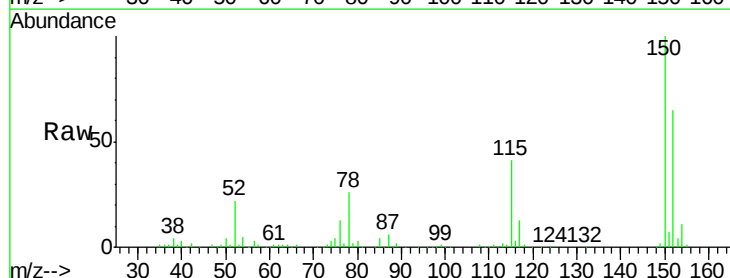
Tgt Ion: 79 Resp: 5738

Ion Ratio Lower Upper

79 100

108 34.1 61.5 92.3#

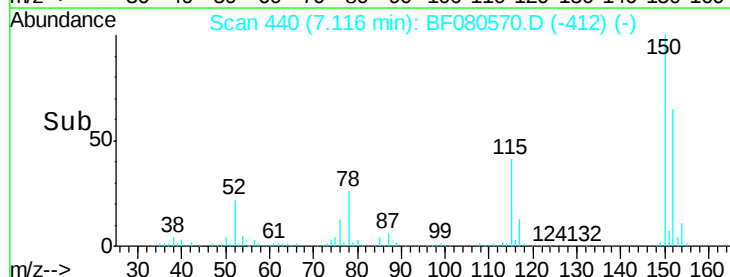
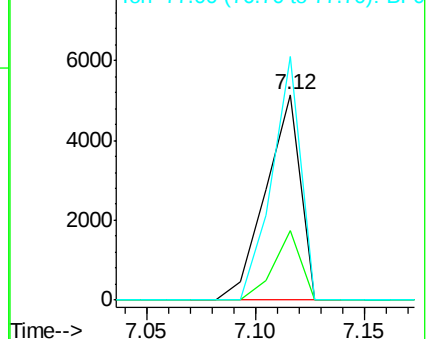
77 118.6 53.6 80.4#

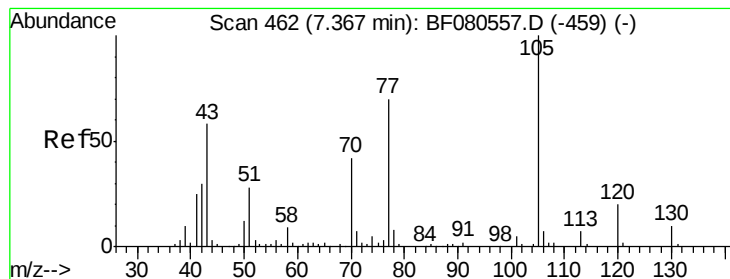


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0





#19

n-Nitroso-di-n-propylamine

Concen: 15.95 ng

RT: 7.52 min Scan# 475

Delta R.T. 0.15 min

Lab File: BF080570.D

Acq: 22 Jul 2015 23:10

Instrument :

BNA_F

ClientSampleId :

TP-6D56

Tgt Ion: 70 Resp: 35426

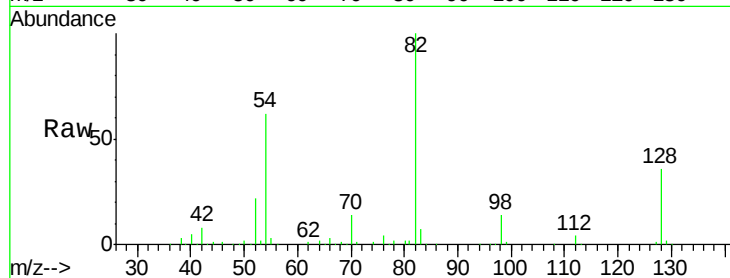
Ion Ratio Lower Upper

70 100

42 58.2 56.6 85.0

101 0.0 9.7 14.5#

130 1.5 19.1 28.7#

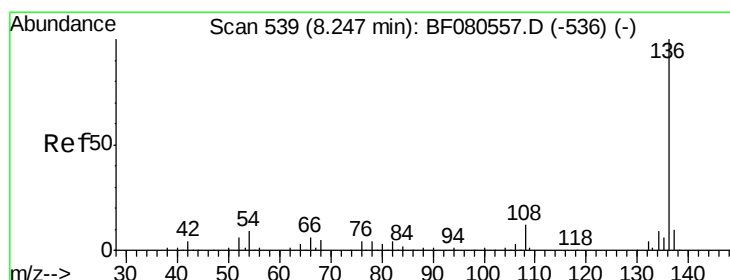
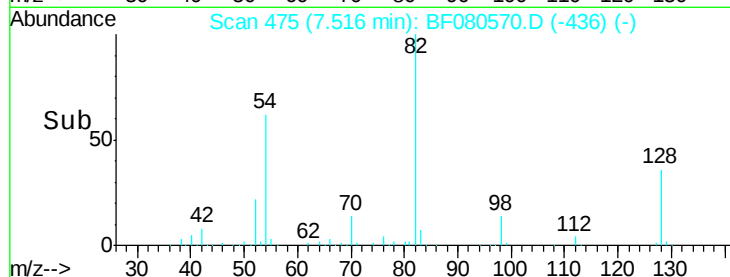
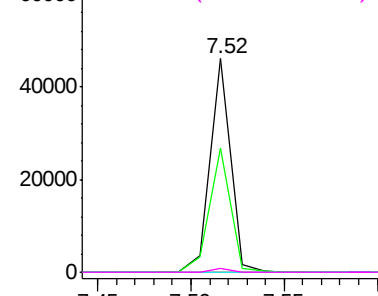


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 8.25 min Scan# 539

Delta R.T. 0.00 min

Lab File: BF080570.D

Acq: 22 Jul 2015 23:10

Tgt Ion: 136 Resp: 184927

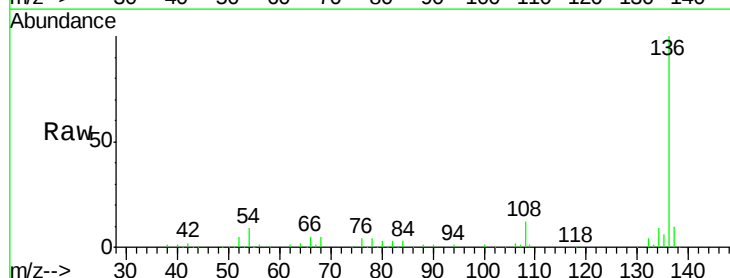
Ion Ratio Lower Upper

136 100

137 10.4 7.8 11.8

54 8.7 7.2 10.8

68 4.5 3.8 5.6

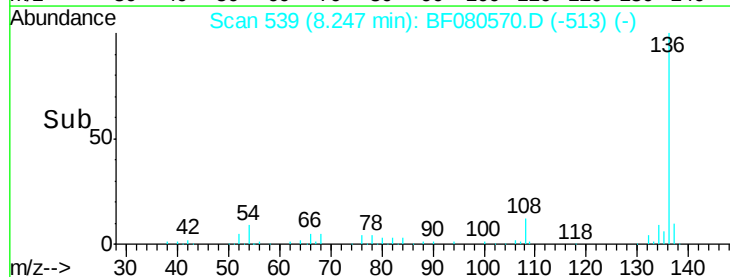
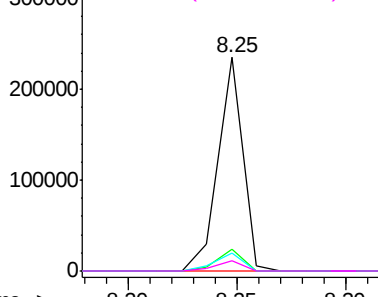


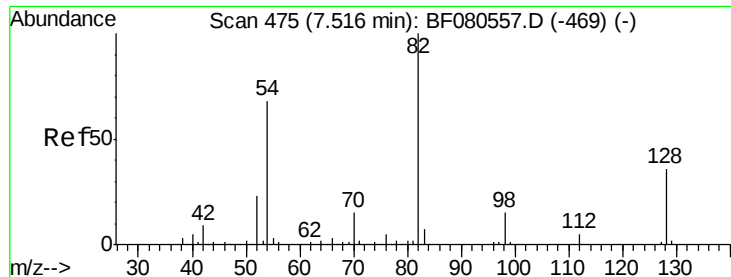
Abundance Ion 136.00 (135.70 to 136.70): E

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

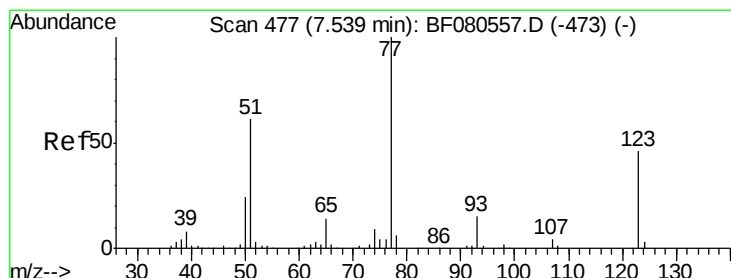
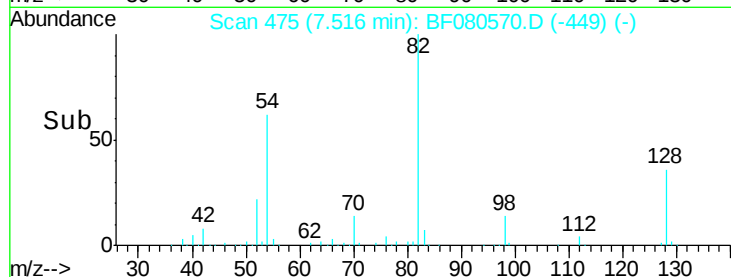
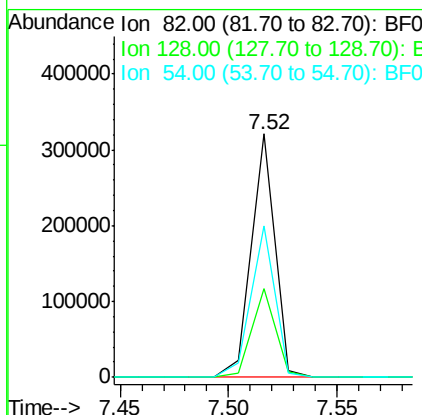
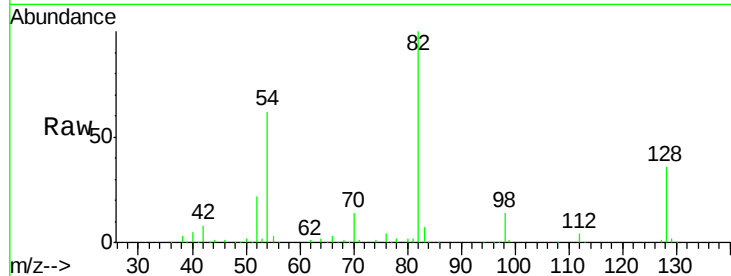




#23
 Nitrobenzene-d5
 Concen: 84.14 ng
 RT: 7.52 min Scan# 475
 Delta R.T. 0.00 min
 Lab File: BF080570.D
 Acq: 22 Jul 2015 23:10

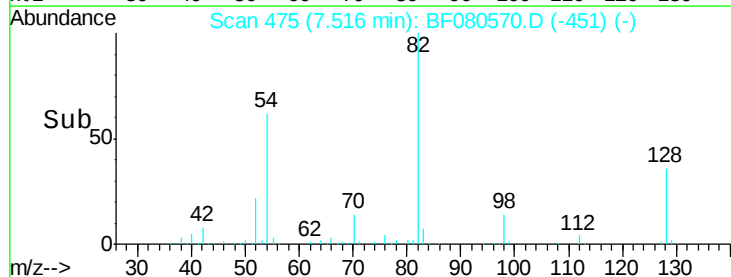
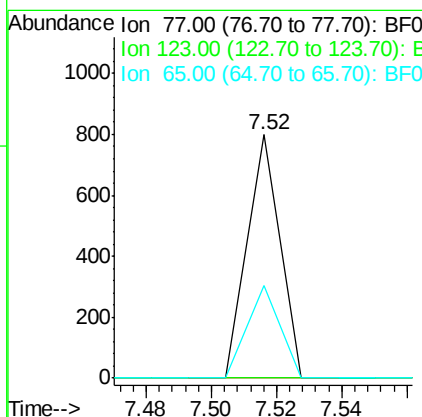
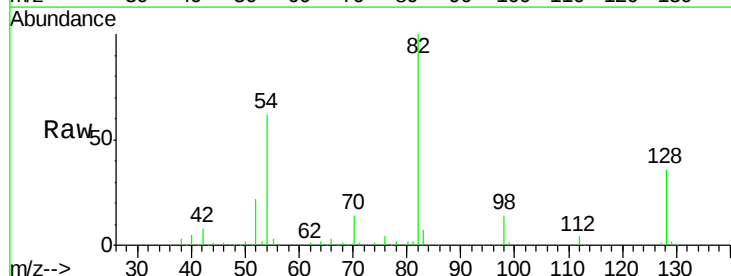
Instrument :
 BNA_F
 ClientSampleId :
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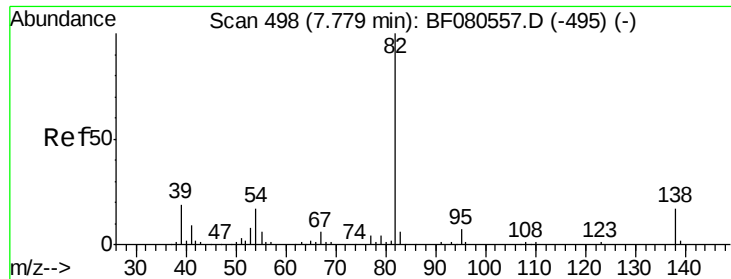
Tgt Ion	Ratio	Lower	Upper
82	100		
128	36.5	28.9	43.3
54	62.4	54.5	81.7



#24
 Nitrobenzene
 Concen: 4.47 ng
 RT: 7.52 min Scan# 475
 Delta R.T. -0.02 min
 Lab File: BF080570.D
 Acq: 22 Jul 2015 23:10

Tgt Ion	Ratio	Lower	Upper
77	100		
123	0.0	37.1	55.7#
65	38.0	11.4	17.2#





#25

Isophorone

Concen: 37.37 ng

RT: 7.52 min Scan# 475

Delta R.T. -0.26 min

Lab File: BF080570.D

Acq: 22 Jul 2015 23:10

Instrument :

BNA_F

ClientSampleId :

TP-6D56

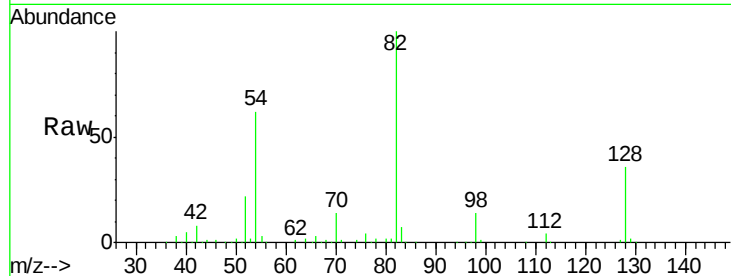
Tgt Ion: 82 Resp: 226626

Ion Ratio Lower Upper

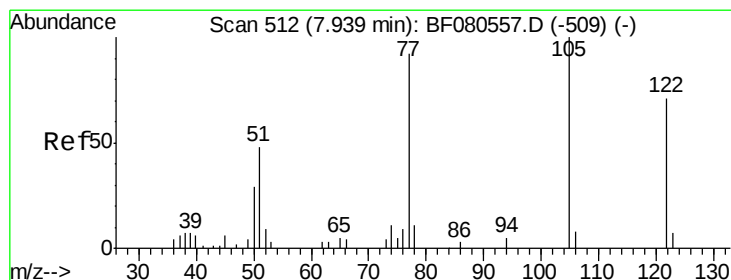
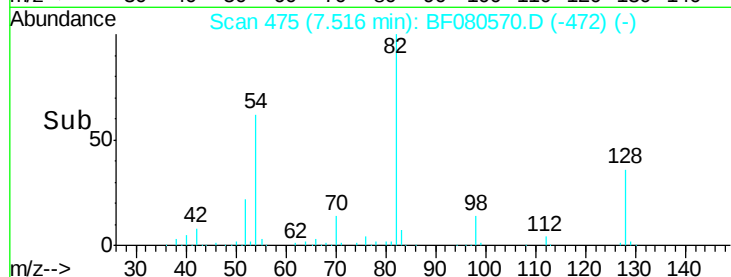
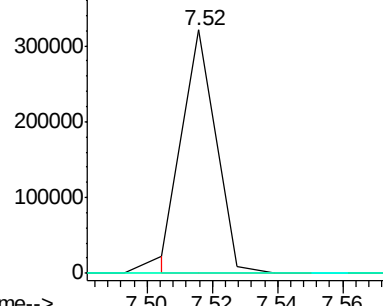
82 100

95 0.0 5.9 8.9#

138 0.0 13.4 20.2#



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



#32

Benzoic acid

Concen: 3.35 ng

RT: 7.92 min Scan# 510

Delta R.T. -0.02 min

Lab File: BF080570.D

Acq: 22 Jul 2015 23:10

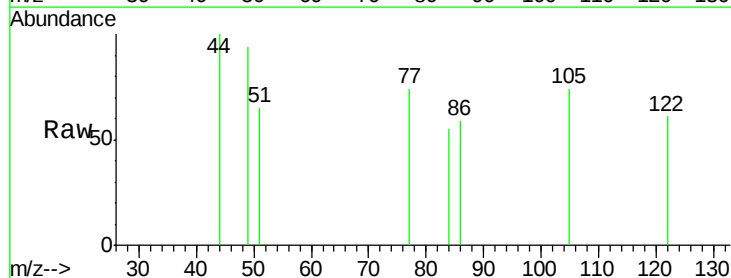
Tgt Ion: 122 Resp: 320

Ion Ratio Lower Upper

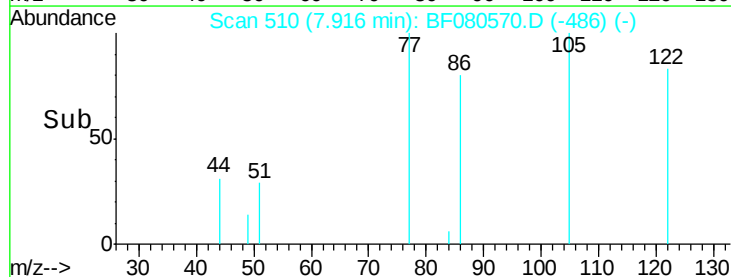
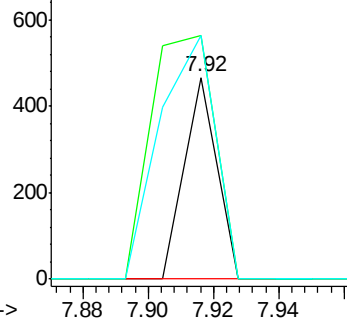
122 100

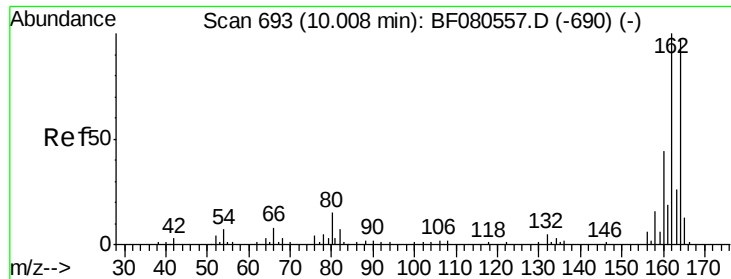
105 120.8 112.5 152.5

77 120.8 102.5 142.5



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

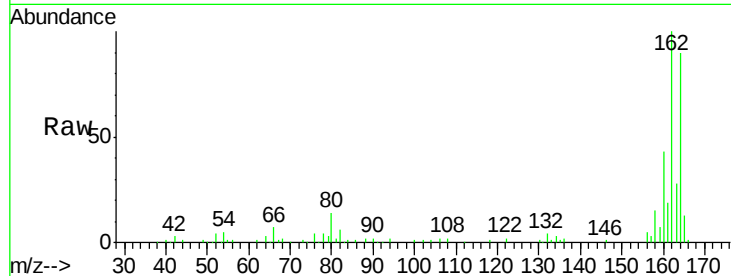




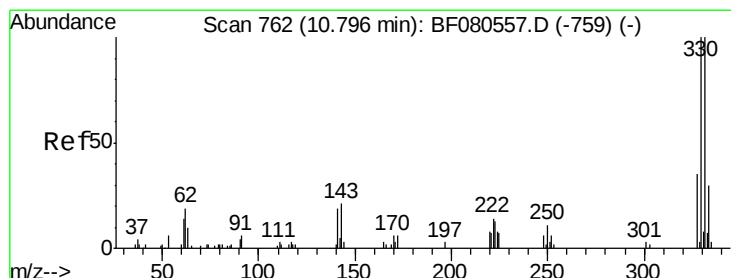
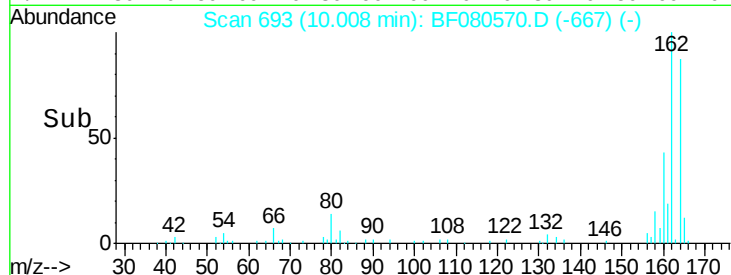
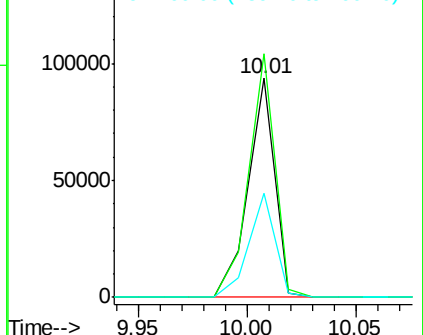
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.01 min Scan# 693
 Delta R.T. 0.00 min
 Lab File: BF080570.D
 Acq: 22 Jul 2015 23:10

Instrument :
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 ClientSampleId :
 TP-6D56

Tgt Ion:164 Resp: 79258
 Ion Ratio Lower Upper
 164 100
 162 111.1 82.2 123.4
 160 47.8 36.1 54.1

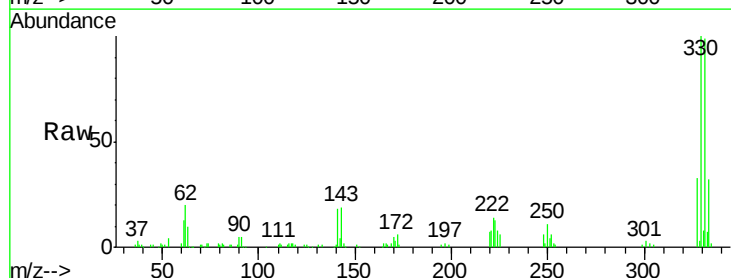


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

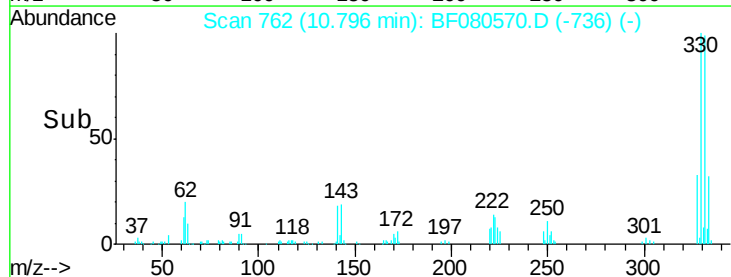
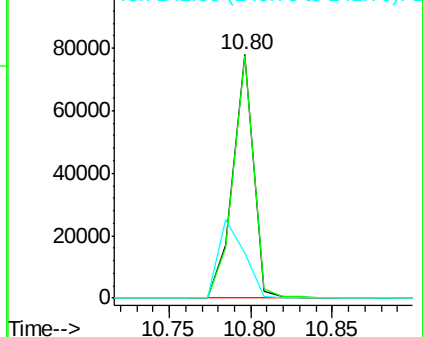


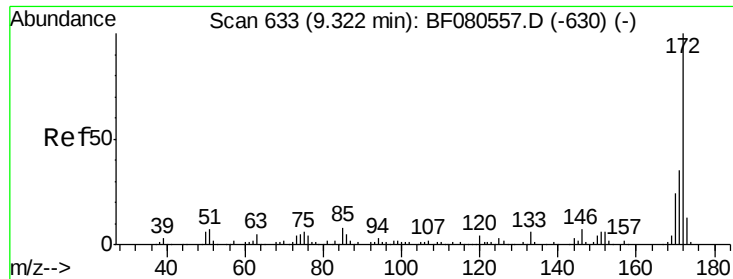
#41
 2,4,6-Tribromophenol
 Concen: 114.68 ng
 RT: 10.80 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: BF080570.D
 Acq: 22 Jul 2015 23:10

Tgt Ion:330 Resp: 67409
 Ion Ratio Lower Upper
 330 100
 332 99.2 78.3 117.5
 141 40.7 37.9 56.9



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

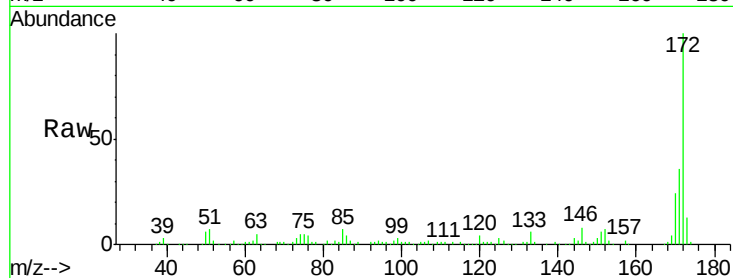




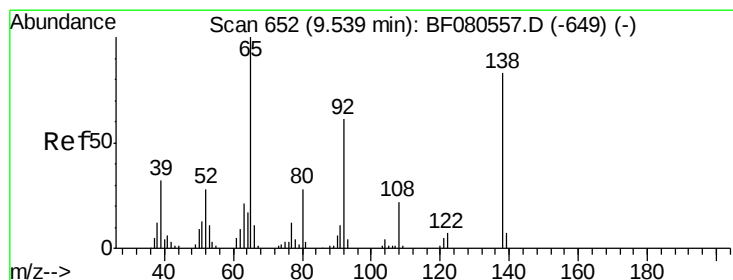
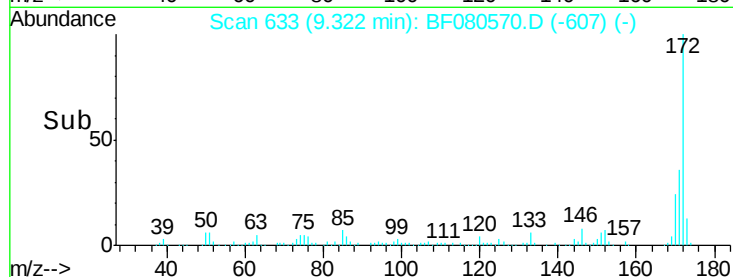
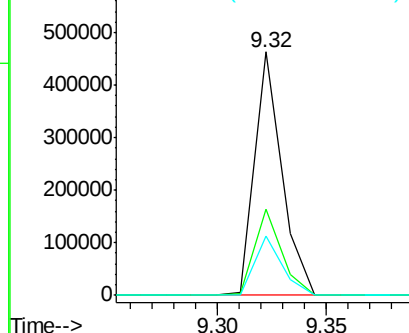
#44
 2-Fluorobiphenyl
 Concen: 73.06 ng
 RT: 9.32 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: BF080570.D
 Acq: 22 Jul 2015 23:10

Instrument :
 BNA_F
 ClientSampleId :
 TP-6D56

Tgt Ion: 172 Resp: 402708
 Ion Ratio Lower Upper
 172 100
 171 35.6 27.7 41.5
 170 24.2 19.1 28.7

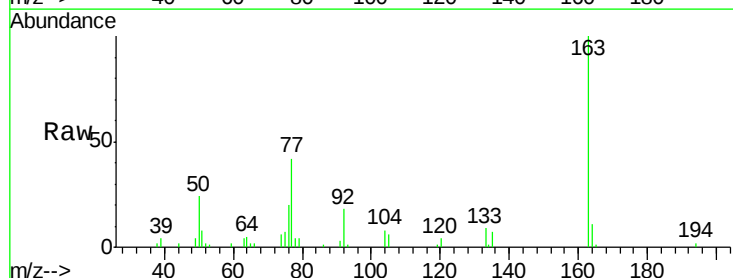


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

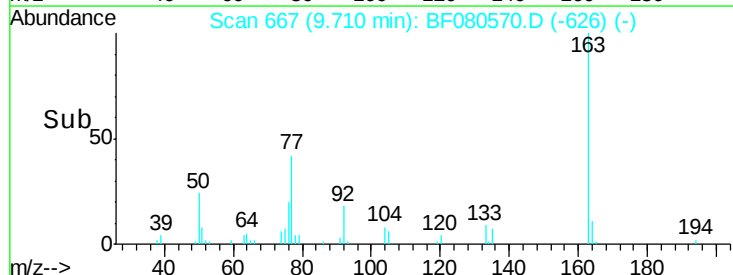
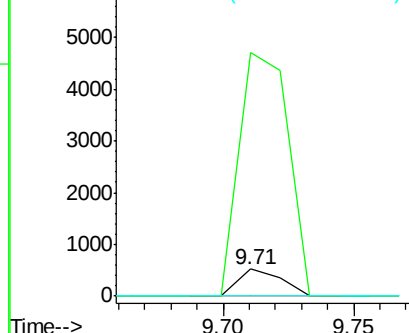


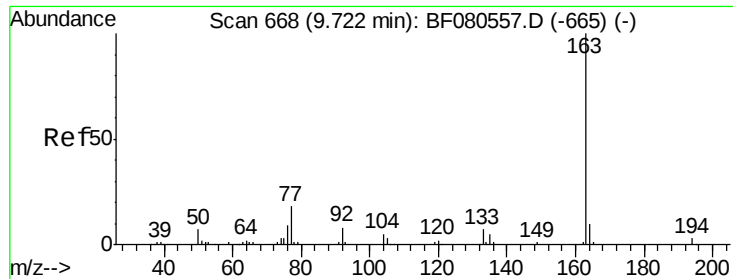
#47
 2-Nitroaniline
 Concen: 3.12 ng
 RT: 9.71 min Scan# 667
 Delta R.T. 0.17 min
 Lab File: BF080570.D
 Acq: 22 Jul 2015 23:10

Tgt Ion: 65 Resp: 607
 Ion Ratio Lower Upper
 65 100
 92 902.3 48.7 73.1#
 138 0.0 66.8 100.2#



Abundance Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0
 Ion 138.00 (137.70 to 138.70): E

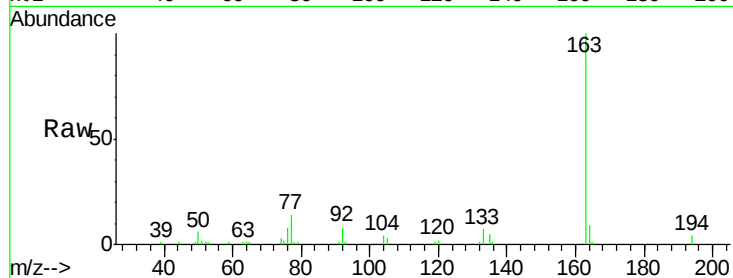




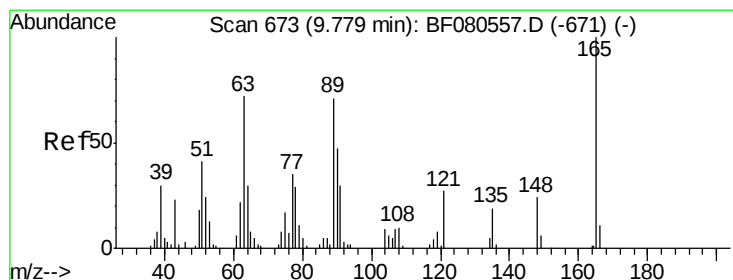
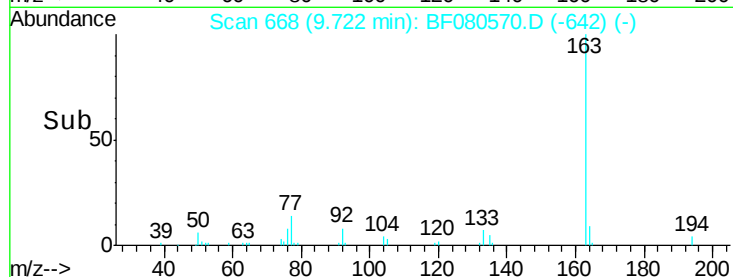
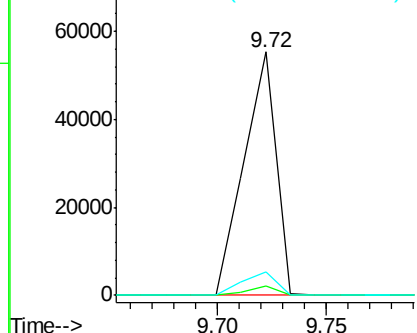
#49
Dimethylphthalate
Concen: 10.16 ng
RT: 9.72 min Scan# 668
Delta R.T. 0.00 min
Lab File: BF080570.D
Acq: 22 Jul 2015 23:10

Instrument :
BNA_F
ClientSampleId :
TP-6D56

Tgt Ion:163 Resp: 56530
Ion Ratio Lower Upper
163 100
194 3.8 2.5 3.7#
164 9.4 8.1 12.1

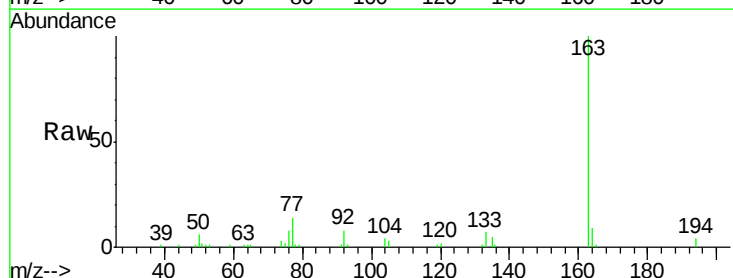


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

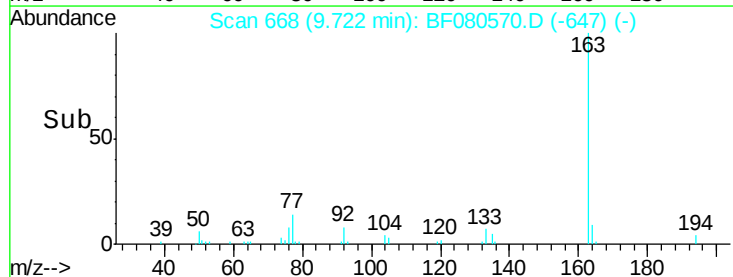
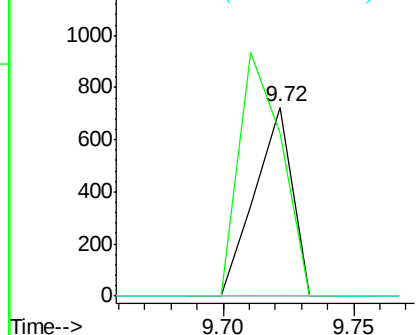


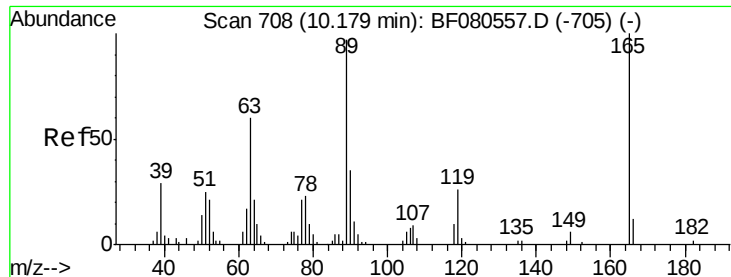
#50
2,6-Dinitrotoluene
Concen: 4.51 ng
RT: 9.72 min Scan# 668
Delta R.T. -0.06 min
Lab File: BF080570.D
Acq: 22 Jul 2015 23:10

Tgt Ion:165 Resp: 734
Ion Ratio Lower Upper
165 100
63 86.0 59.0 88.6
89 0.0 56.9 85.3#



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





#56

2,4-Dinitrotoluene

Concen: 16.97 ng

RT: 10.01 min Scan# 693

Delta R.T. -0.17 min

Lab File: BF080570.D

Acq: 22 Jul 2015 23:10

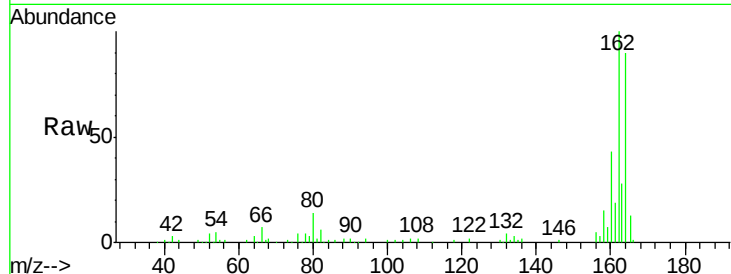
Instrument :

BNA_F

ClientSampleId :

TP-6D56

Tgt Ion:	165	Resp:	10906
Ion Ratio	Lower	Upper	
165	100		
63	0.0	48.1	72.1#
89	0.0	77.4	116.0#
182	0.0	1.3	1.9#

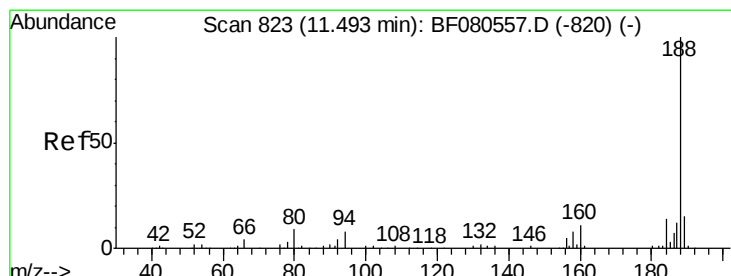
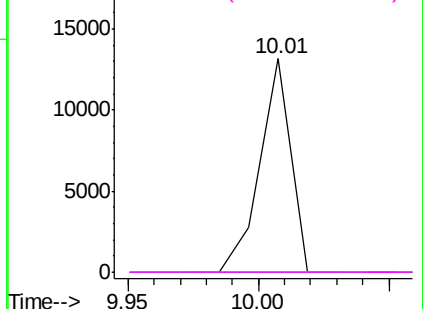
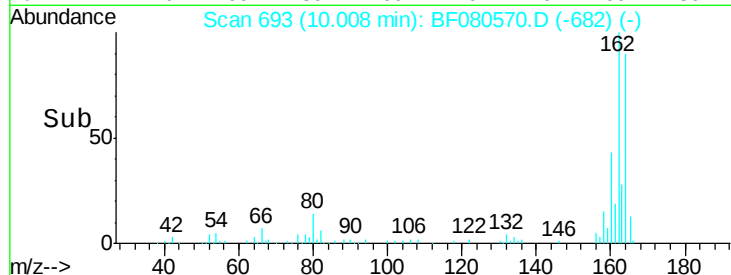


Abundance Ion 165.00 (164.70 to 165.70): E

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

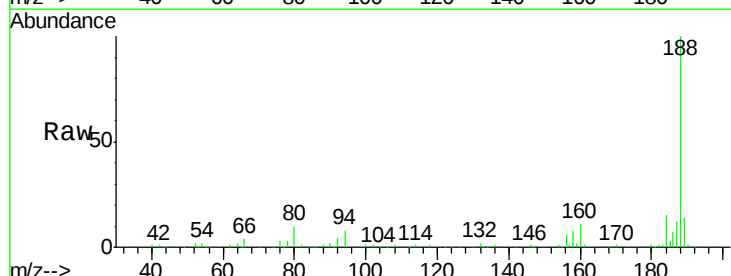
RT: 11.49 min Scan# 823

Delta R.T. 0.00 min

Lab File: BF080570.D

Acq: 22 Jul 2015 23:10

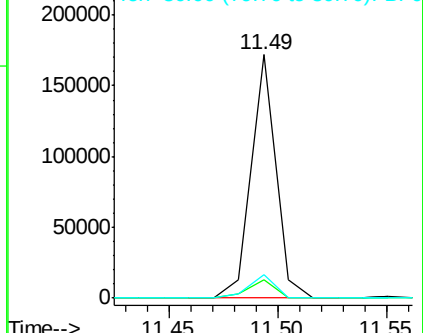
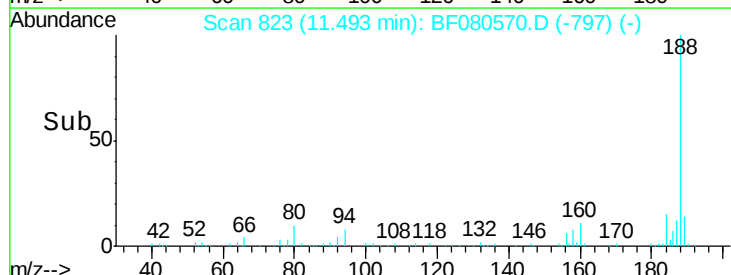
Tgt Ion:	188	Resp:	135824
Ion Ratio	Lower	Upper	
188	100		
94	7.7	6.1	9.1
80	9.8	7.0	10.6

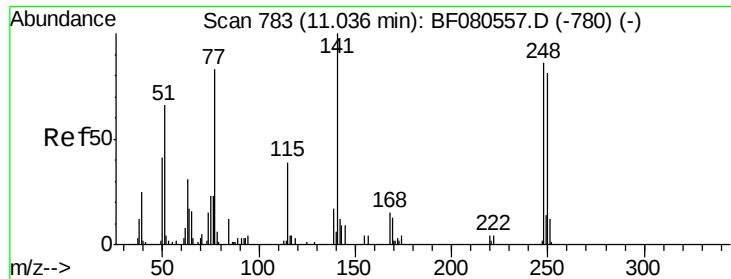


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#66

4-Bromophenyl-phenylether

Concen: 3.74 ng

RT: 10.80 min Scan# 762

Delta R.T. -0.24 min

Lab File: BF080570.D

Acq: 22 Jul 2015 23:10

Instrument :

BNA_F

ClientSampleId :

TP-6D56

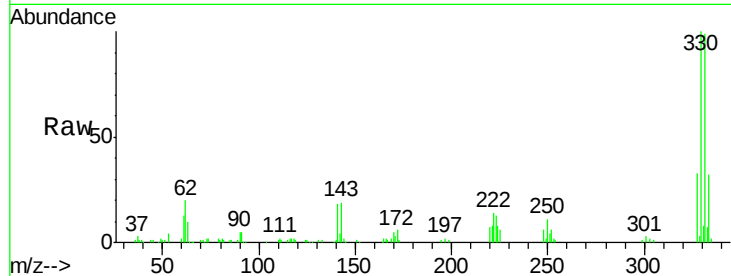
Tgt Ion:248 Resp: 4890

Ion Ratio Lower Upper

248 100

250 190.9 75.4 113.2#

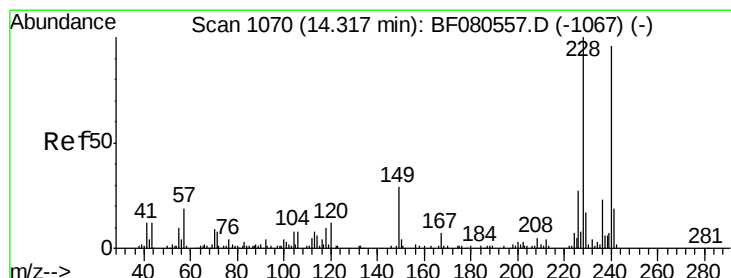
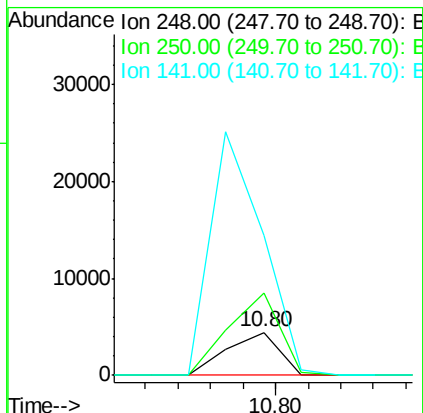
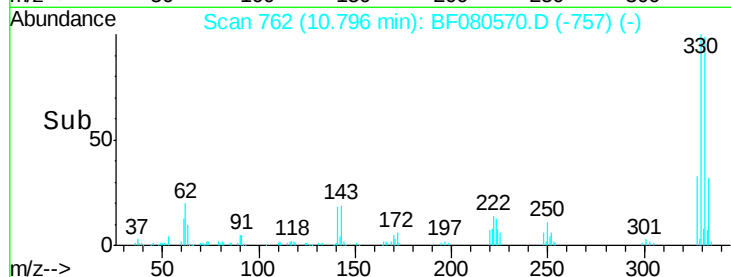
141 322.9 93.4 140.0#



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: 14.29 min Scan# 1068

Delta R.T. -0.02 min

Lab File: BF080570.D

Acq: 22 Jul 2015 23:10

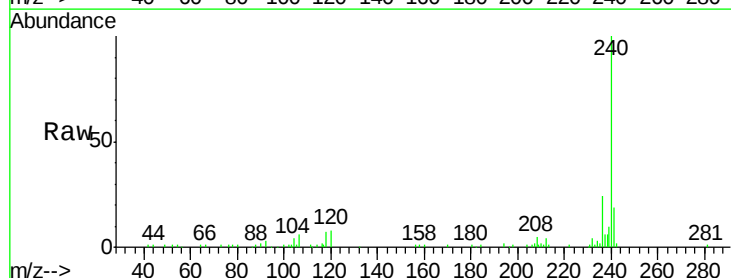
Tgt Ion:240 Resp: 79682

Ion Ratio Lower Upper

240 100

120 7.8 9.9 14.9#

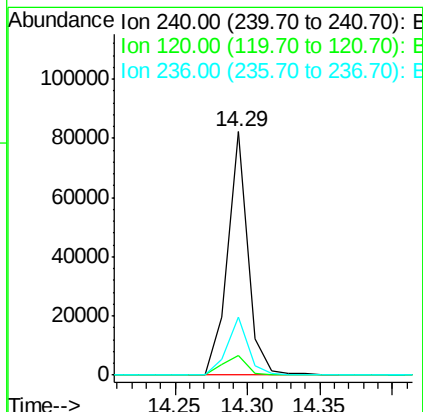
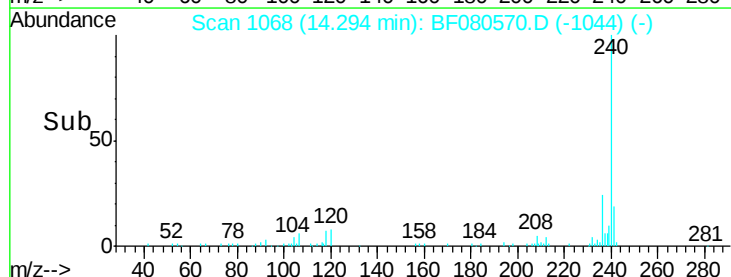
236 23.9 19.1 28.7

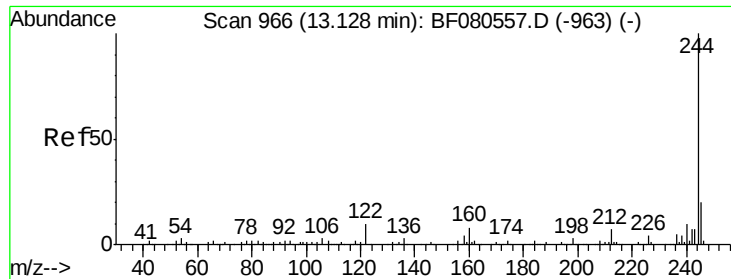


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

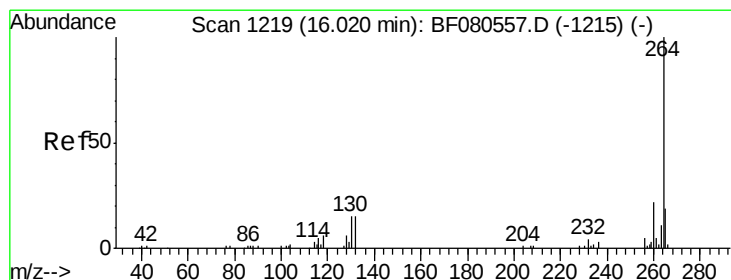
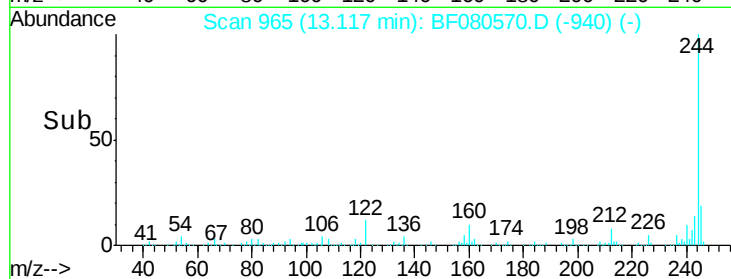
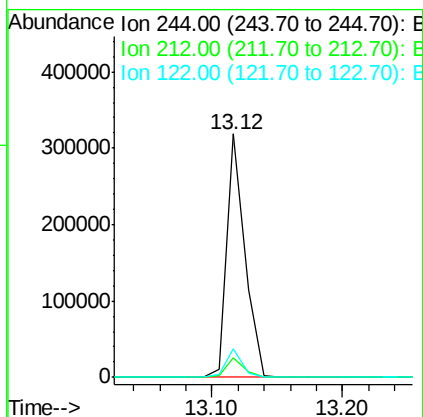
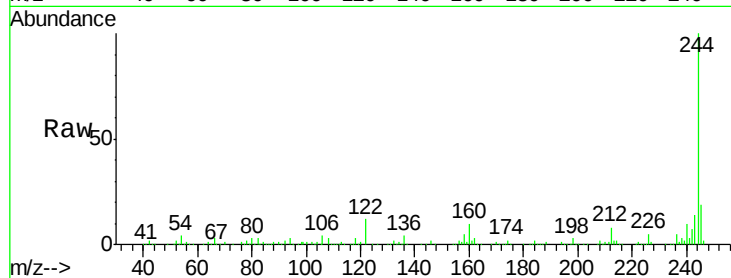




#78
 Terphenyl-d14
 Concen: 78.86 ng
 RT: 13.12 min Scan# 965
 Delta R.T. -0.01 min
 Lab File: BF080570.D
 Acq: 22 Jul 2015 23:10

Instrument :
 BNA_F
 ClientSampleId :
 TP-6D56

Tgt Ion:244 Resp: 306439
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.0 9.0
 122 11.9 8.2 12.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.96 min Scan# 1214
 Delta R.T. -0.06 min
 Lab File: BF080570.D
 Acq: 22 Jul 2015 23:10

Tgt Ion:264 Resp: 45438
 Ion Ratio Lower Upper
 264 100
 260 24.3 17.8 26.8
 265 24.9 15.6 23.4#

