

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF073115\
 Data File : BF080727.D
 Acq On : 31 Jul 2015 11:29
 Operator : TP/UM
 Sample : G3027-01RE
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-01-12.0-12.5RE

Quant Time: Aug 01 00:16:56 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF073015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 31 01:45:22 2015
 Response via : Initial Calibration

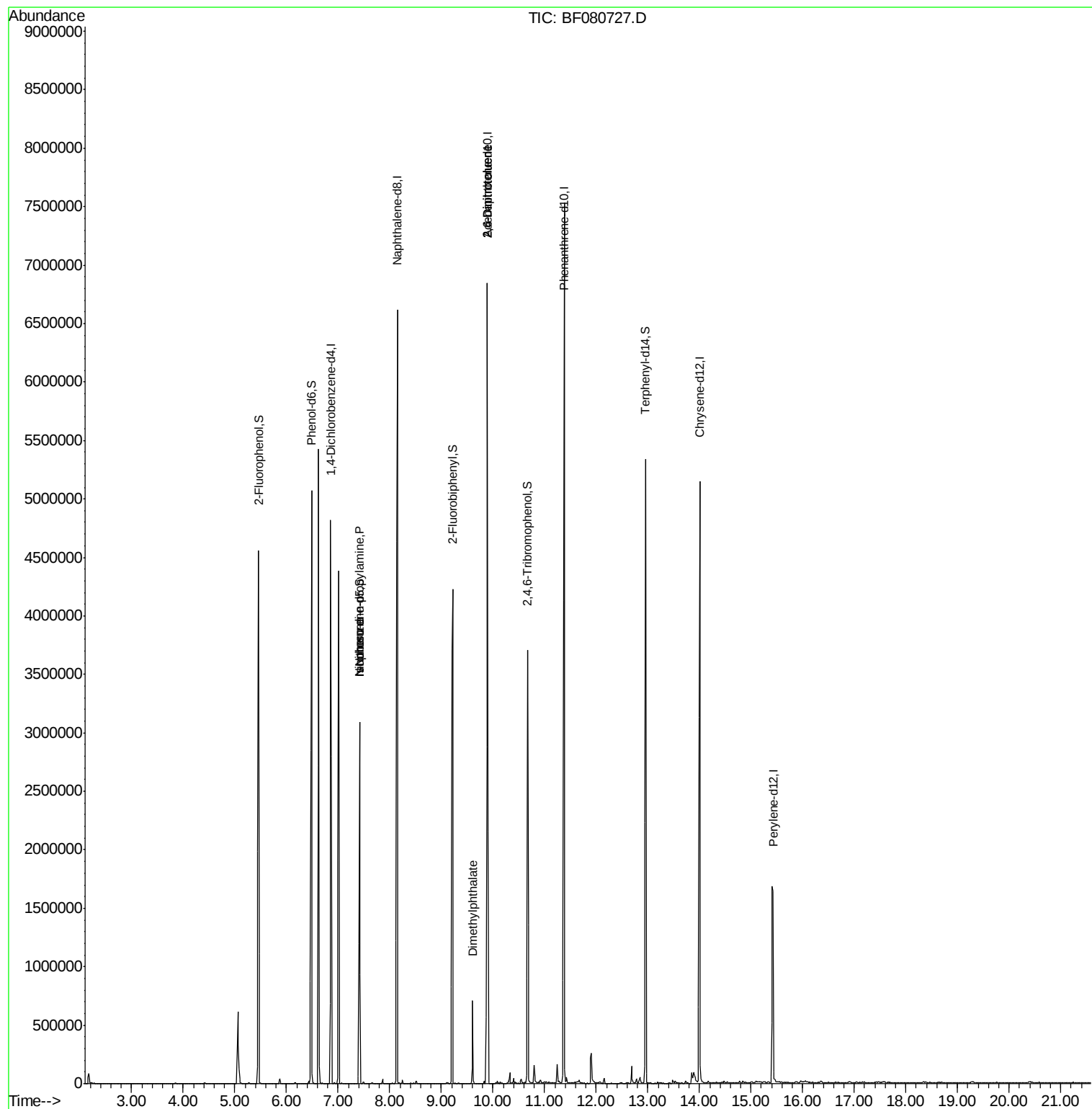
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	874153	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	3665100	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	1695600	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	3142191	20.00	ng	0.01
75) Chrysene-d12	14.01	240	2180460	20.00	ng	0.01
86) Perylene-d12	15.43	264	1073774	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1290253	25.32	ng	0.01
7) Phenol-d6	6.49	99	1893531	27.30	ng	0.00
23) Nitrobenzene-d5	7.41	82	1155724	15.27	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	525918	29.89	ng	-0.01
44) 2-Fluorobiphenyl	9.22	172	2002517	17.62	ng	0.00
78) Terphenyl-d14	12.96	244	1767623	15.33	ng	0.00
Target Compounds						
9) Benzaldehyde	6.49	77	3058	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.41	70	163290	3.50 ng	#	75
25) Isophorone	7.41	82	880590	6.54 ng	#	71
49) Dimethylphthalate	9.61	163	253926	2.13 ng		99
50) 2,6-Dinitrotoluene	9.89	165	223268	8.80 ng	#	15
56) 2,4-Dinitrotoluene	9.89	165	223274	6.71 ng	#	16
60) 4-Chlorophenyl-phenylether	10.43	204	280	Below Cal	#	21

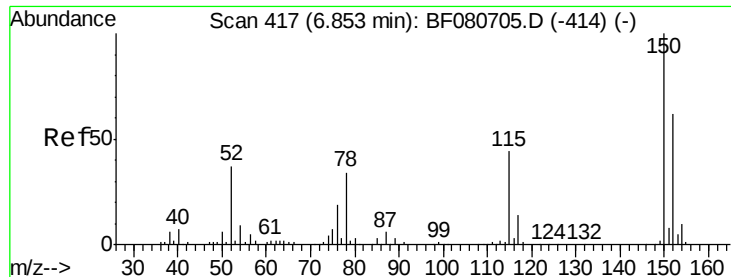
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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Quant Time: Aug 01 00:16:56 2015
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QLast Update : Fri Jul 31 01:45:22 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 417

Delta R.T. -0.00 min

Lab File: BF080727.D

Acq: 31 Jul 2015 11:29

Instrument :

BNA_F

ClientSampleId :

SB-01-12.0-12.5RE

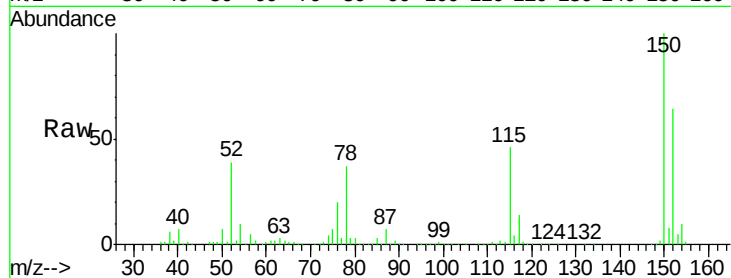
Tgt Ion:152 Resp: 874153

Ion Ratio Lower Upper

152 100

150 156.8 129.6 194.4

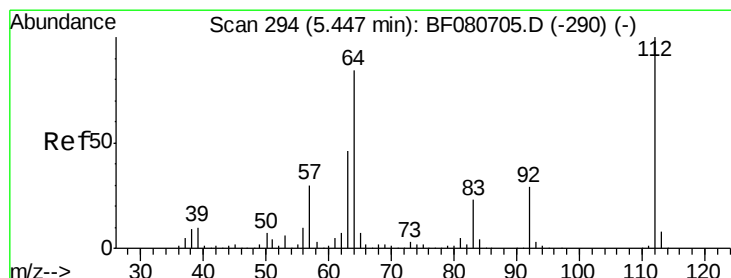
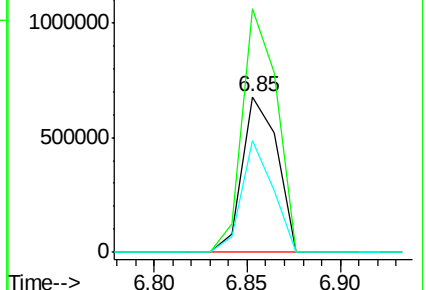
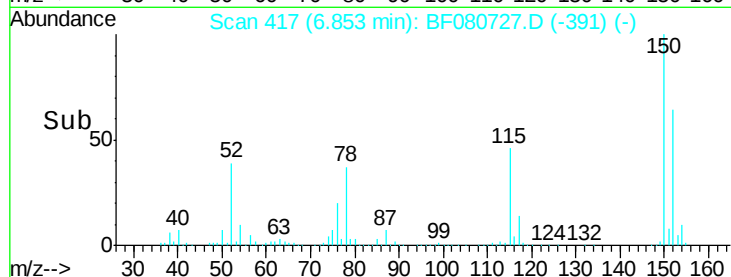
115 72.0 56.6 85.0



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: 25.32 ng

RT: 5.46 min Scan# 295

Delta R.T. 0.01 min

Lab File: BF080727.D

Acq: 31 Jul 2015 11:29

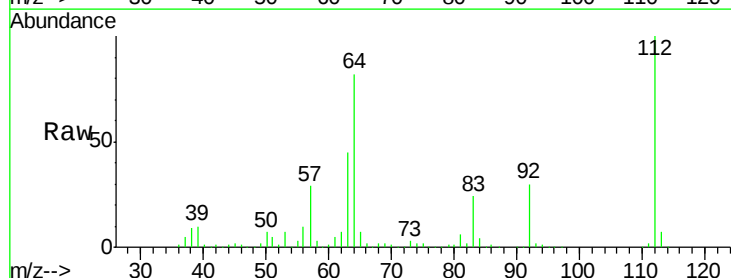
Tgt Ion:112 Resp: 1290253

Ion Ratio Lower Upper

112 100

64 82.1 66.8 100.2

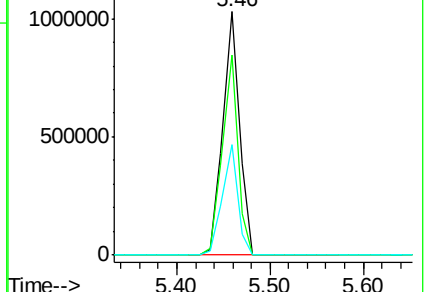
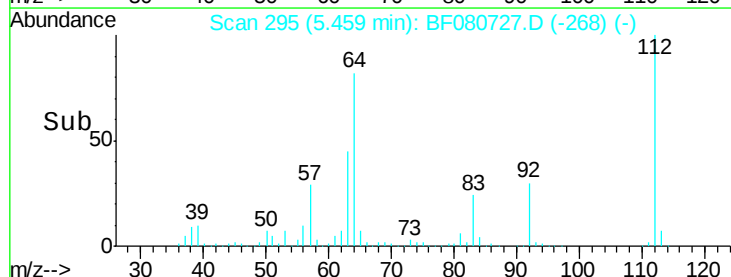
63 45.2 36.7 55.1

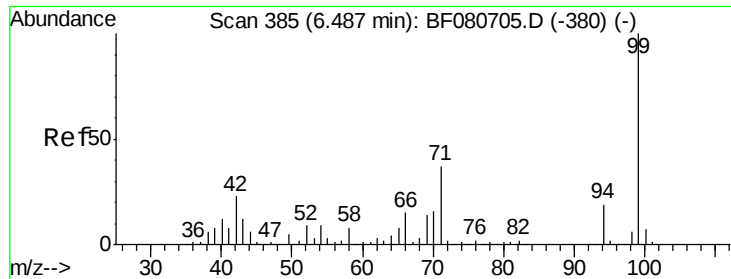


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 27.30 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.00 min

Lab File: BF080727.D

Acq: 31 Jul 2015 11:29

Instrument :

BNA_F

ClientSampleId :

SB-01-12.0-12.5RE

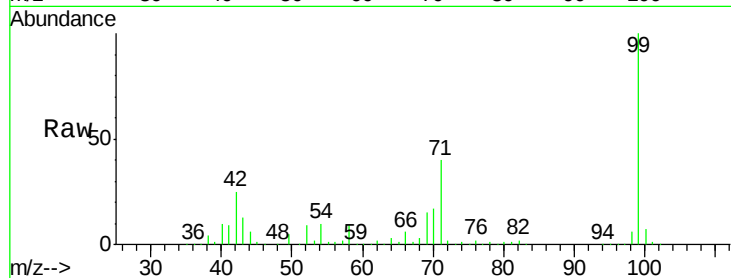
Tgt Ion: 99 Resp: 1893531

Ion Ratio Lower Upper

99 100

42 25.1 18.2 27.2

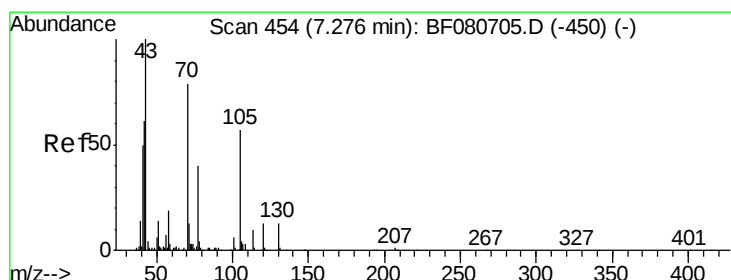
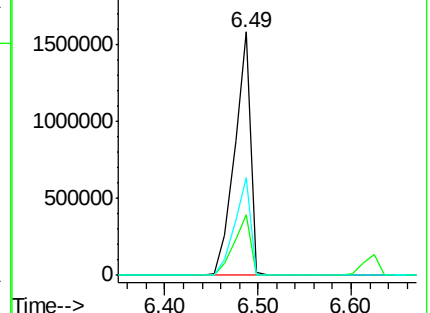
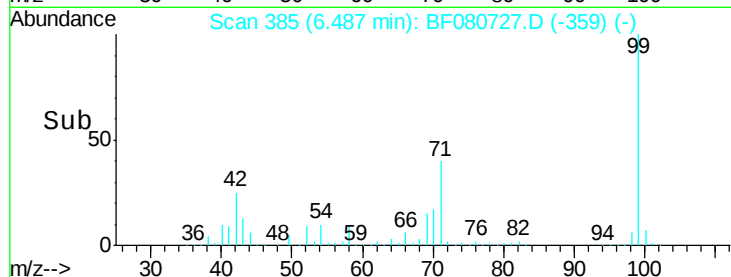
71 40.0 29.5 44.3



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



#19

n-Nitroso-di-n-propylamine

Concen: 3.50 ng

RT: 7.41 min Scan# 466

Delta R.T. 0.14 min

Lab File: BF080727.D

Acq: 31 Jul 2015 11:29

Tgt Ion: 70 Resp: 163290

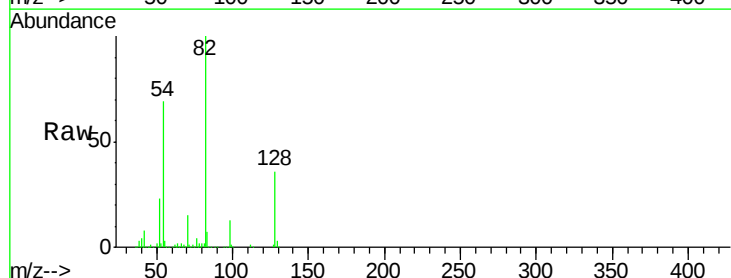
Ion Ratio Lower Upper

70 100

42 56.4 61.8 92.6#

101 0.0 6.1 9.1#

130 1.6 12.9 19.3#

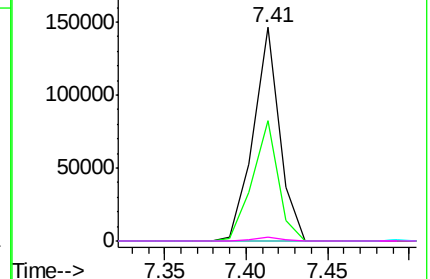
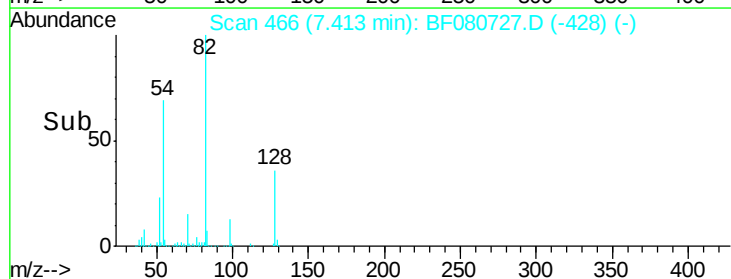


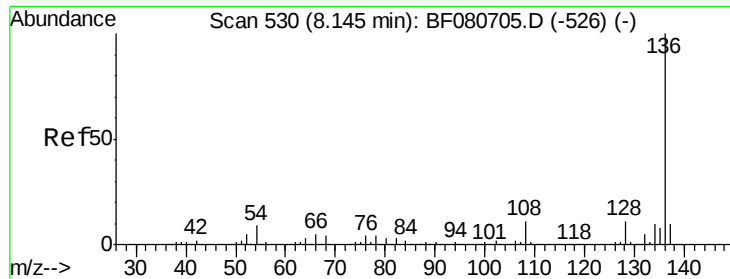
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

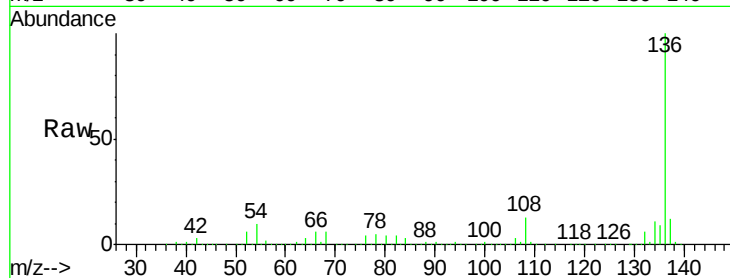




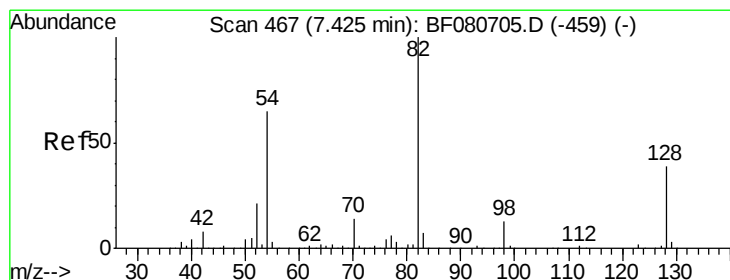
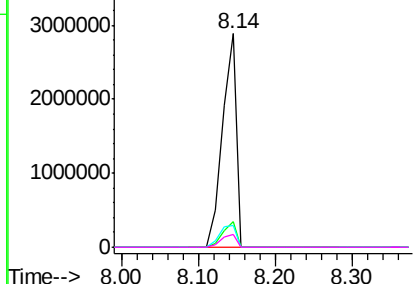
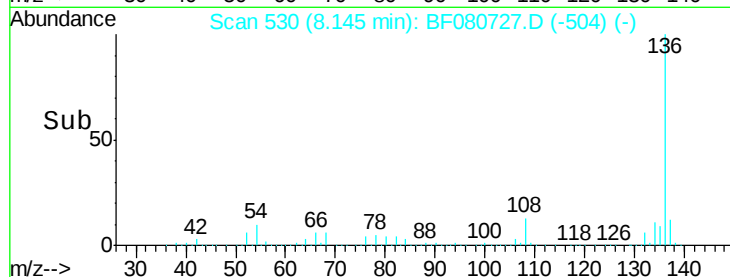
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 530
Delta R.T. -0.00 min
Lab File: BF080727.D
Acq: 31 Jul 2015 11:29

Instrument :
BNA_F
ClientSampleId :
SB-01-12.0-12.5RE

Tgt Ion: 136 Resp: 3665100
Ion Ratio Lower Upper
136 100
137 12.3 8.4 12.6
54 10.4 6.9 10.3#
68 5.7 3.5 5.3#

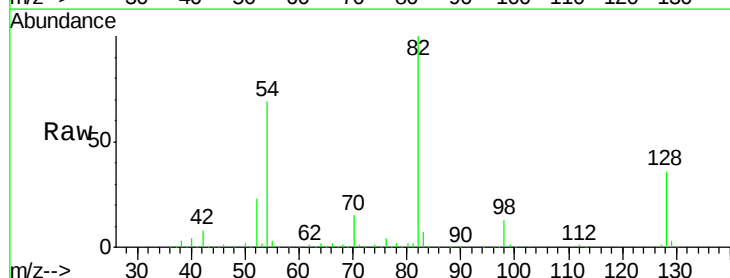


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

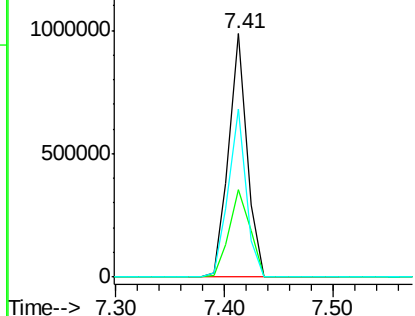
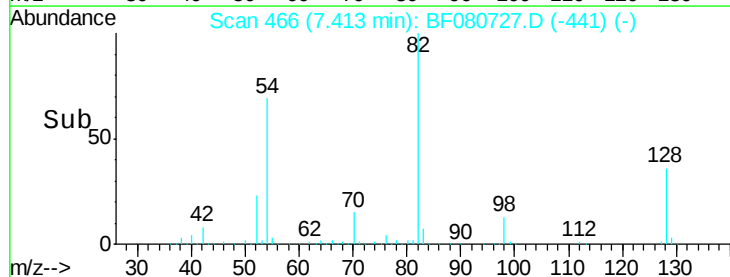


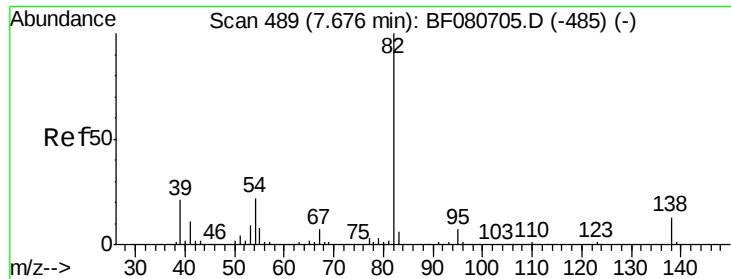
#23
Nitrobenzene-d5
Concen: 15.27 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.01 min
Lab File: BF080727.D
Acq: 31 Jul 2015 11:29

Tgt Ion: 82 Resp: 1155724
Ion Ratio Lower Upper
82 100
128 35.8 31.5 47.3
54 68.9 51.8 77.8



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





#25

Isophorone

Concen: 6.54 ng

RT: 7.41 min Scan# 466

Delta R.T. -0.26 min

Lab File: BF080727.D

Acq: 31 Jul 2015 11:29

Instrument :

BNA_F

ClientSampleId :

SB-01-12.0-12.5RE

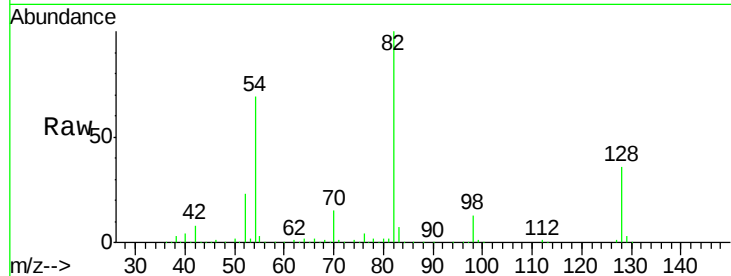
Tgt Ion: 82 Resp: 880590

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

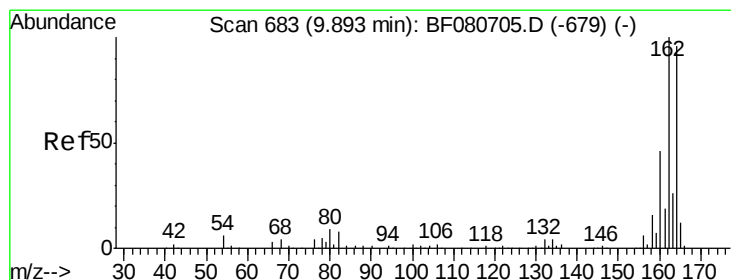
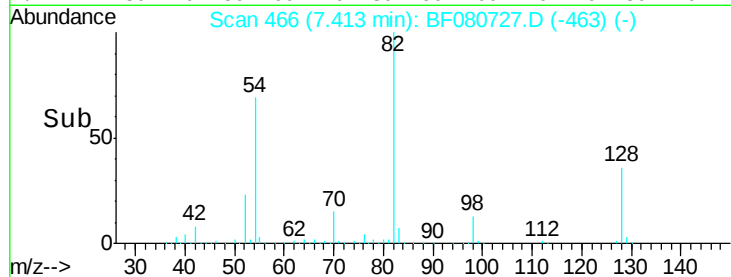
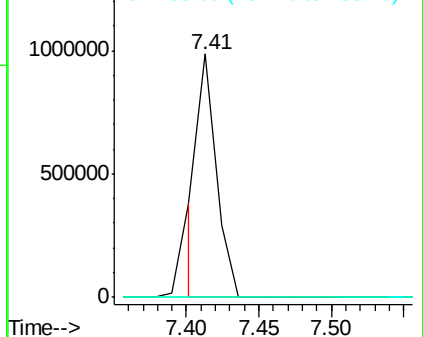
138 0.0 10.7 16.1#



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: 9.89 min Scan# 683

Delta R.T. -0.00 min

Lab File: BF080727.D

Acq: 31 Jul 2015 11:29

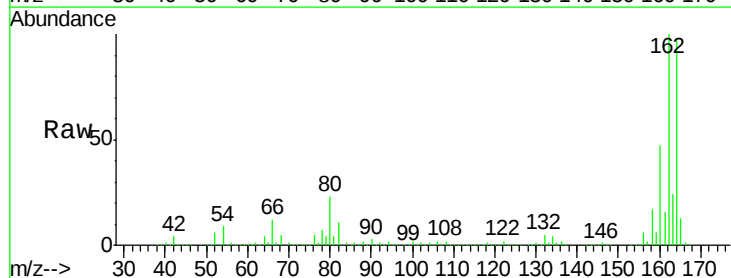
Tgt Ion:164 Resp: 1695600

Ion Ratio Lower Upper

164 100

162 103.3 83.4 125.0

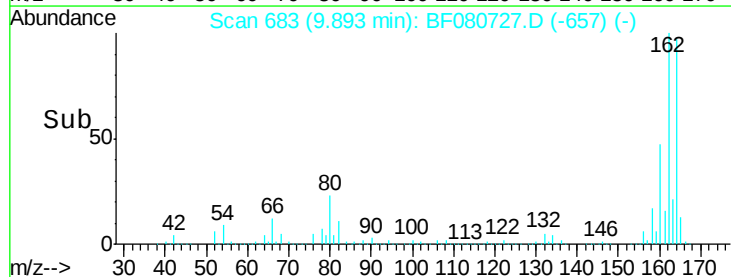
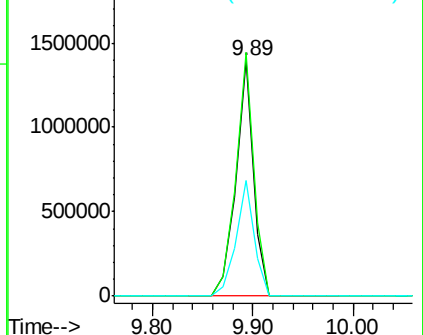
160 48.9 38.0 57.0

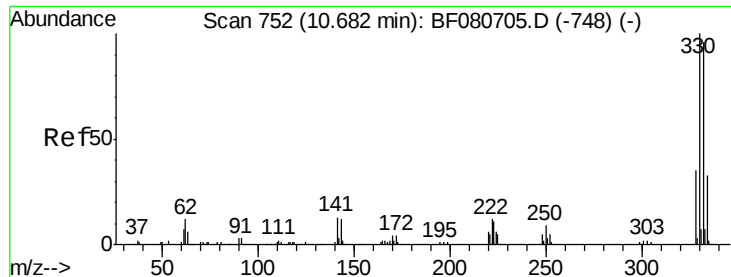


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

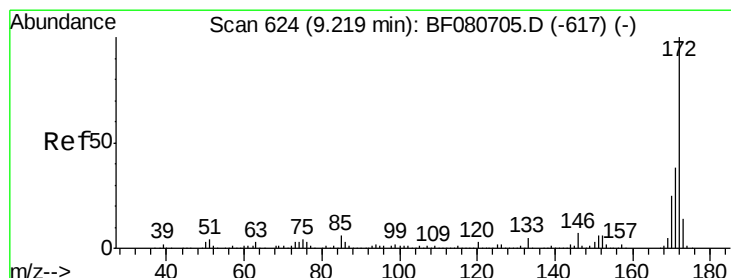
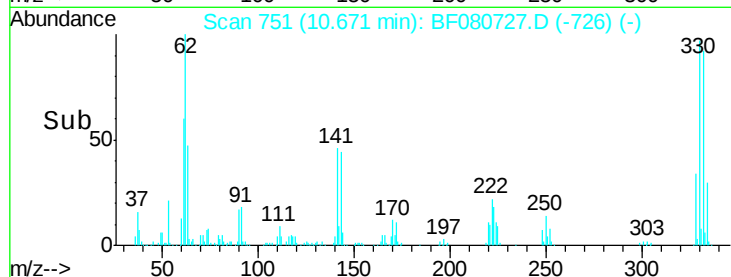
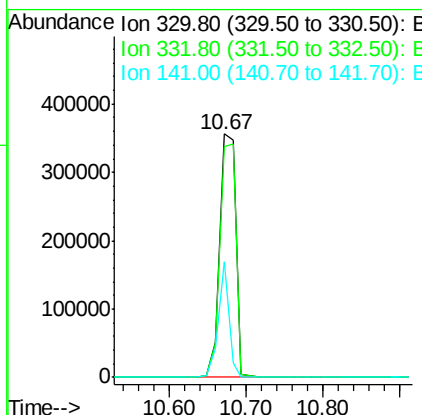
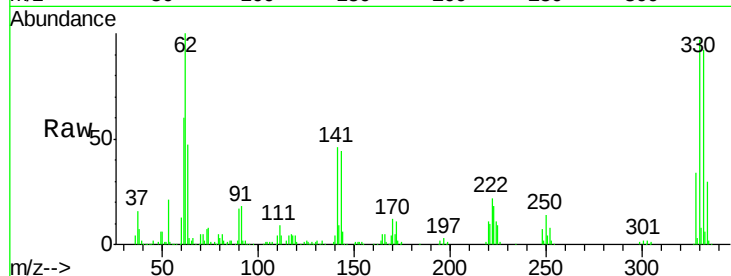




#41
 2,4,6-Tribromophenol
 Concen: 29.89 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: BF080727.D
 Acq: 31 Jul 2015 11:29

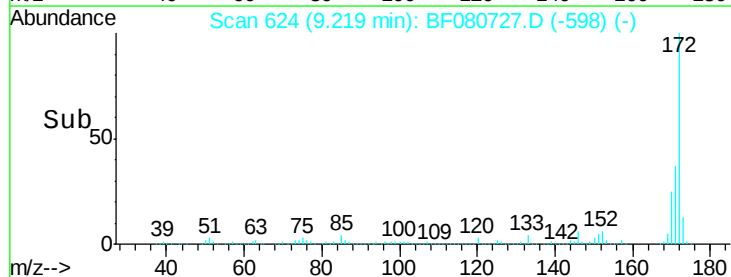
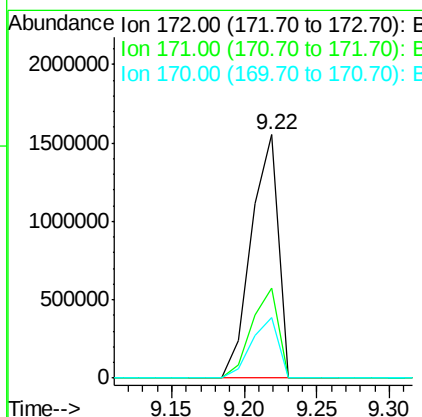
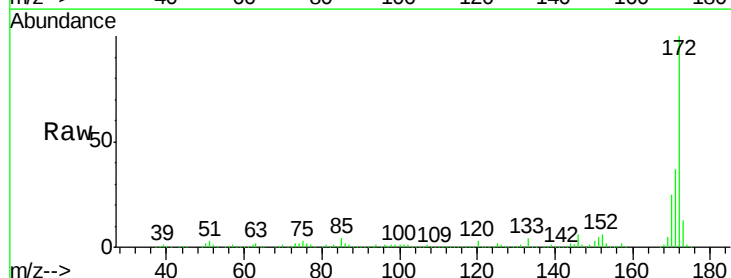
Instrument :
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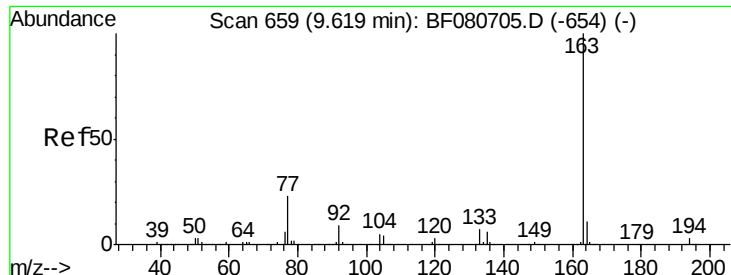
Tgt Ion:330 Resp: 525918
 Ion Ratio Lower Upper
 330 100
 332 96.5 76.6 114.8
 141 30.7 26.0 39.0



#44
 2-Fluorobiphenyl
 Concen: 17.62 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.00 min
 Lab File: BF080727.D
 Acq: 31 Jul 2015 11:29

Tgt Ion:172 Resp: 2002517
 Ion Ratio Lower Upper
 172 100
 171 37.1 30.2 45.4
 170 24.9 20.2 30.2

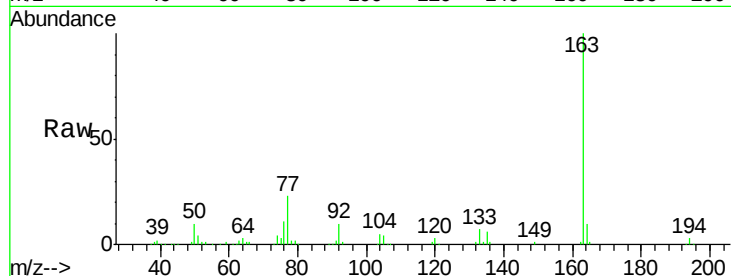




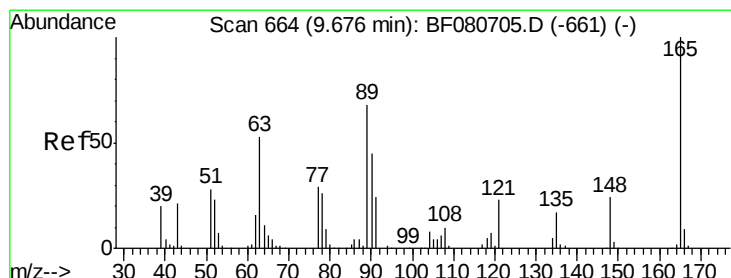
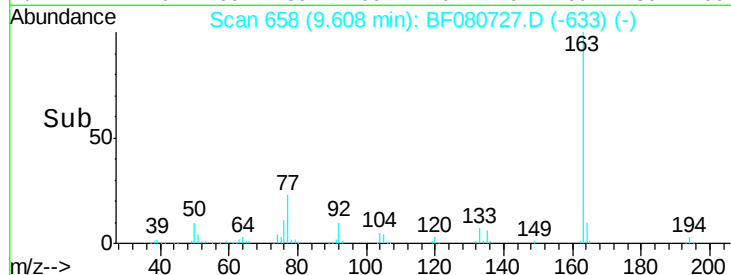
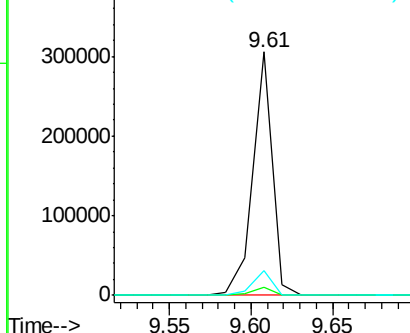
#49
Dimethylphthalate
Concen: 2.13 ng
RT: 9.61 min Scan# 658
Delta R.T. -0.01 min
Lab File: BF080727.D
Acq: 31 Jul 2015 11:29

Instrument :
BNA_F
ClientSampleId :
SB-01-12.0-12.5RE

Tgt Ion:163 Resp: 253926
Ion Ratio Lower Upper
163 100
194 3.2 2.7 4.1
164 10.3 8.7 13.1

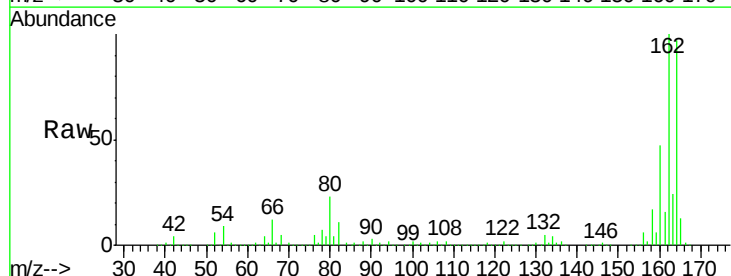


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

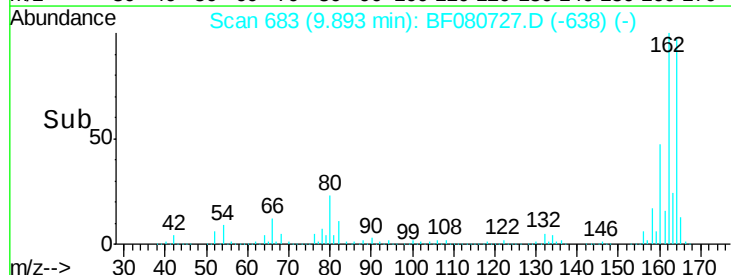
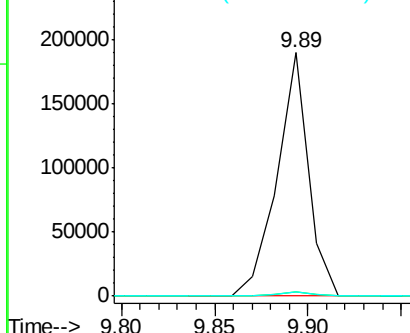


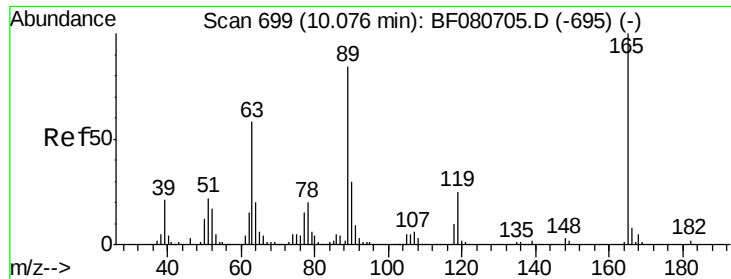
#50
2,6-Dinitrotoluene
Concen: 8.80 ng
RT: 9.89 min Scan# 683
Delta R.T. 0.22 min
Lab File: BF080727.D
Acq: 31 Jul 2015 11:29

Tgt Ion:165 Resp: 223268
Ion Ratio Lower Upper
165 100
63 1.7 62.3 93.5#
89 1.6 54.8 82.2#



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

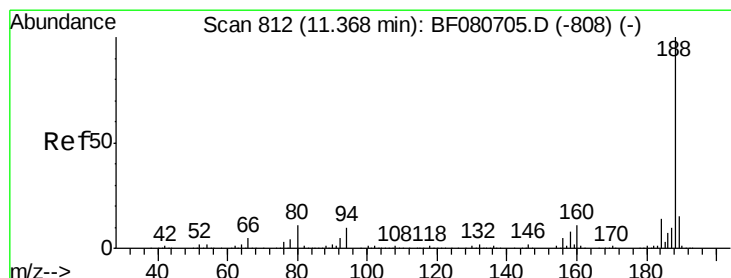
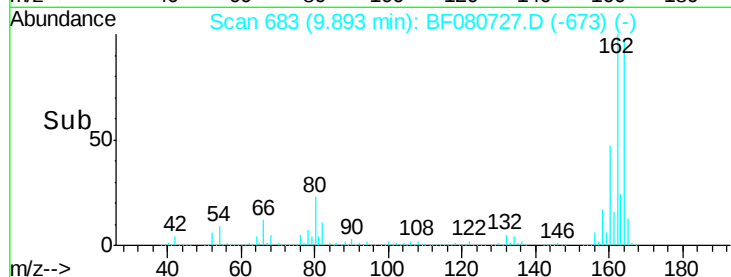
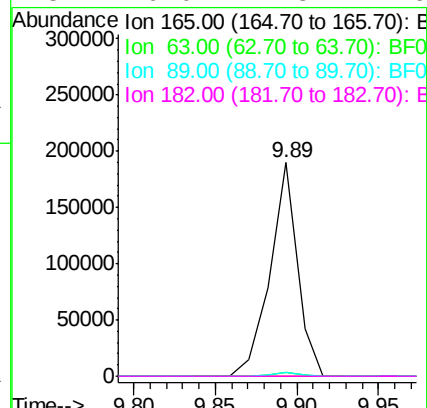
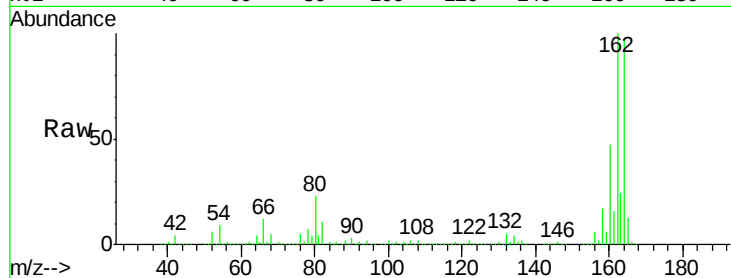




#56
2,4-Dinitrotoluene
Concen: 6.71 ng
RT: 9.89 min Scan# 683
Delta R.T. -0.18 min
Lab File: BF080727.D
Acq: 31 Jul 2015 11:29

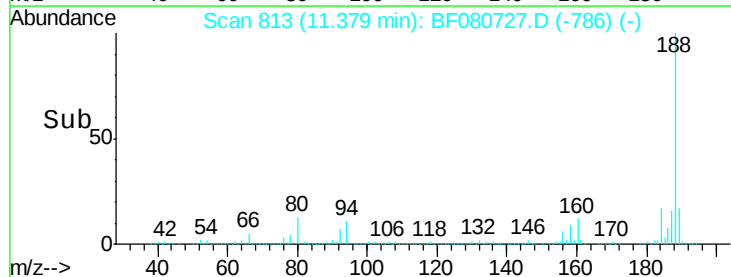
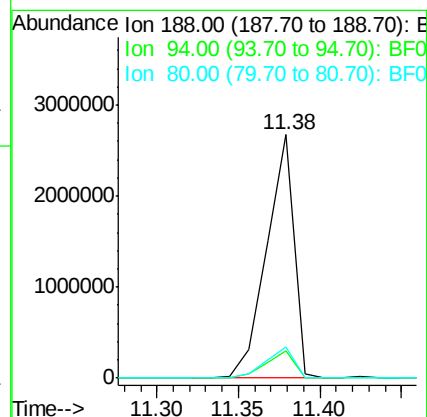
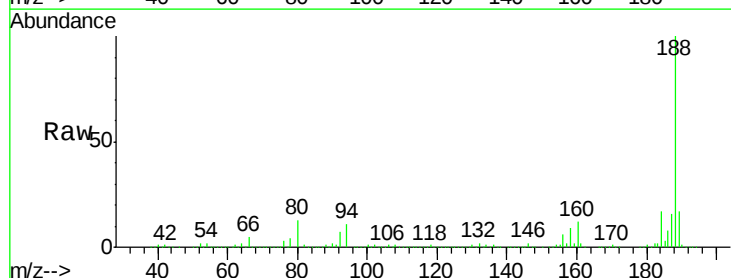
Instrument :
BNA_F
ClientSampleId :
SB-01-12.0-12.5RE

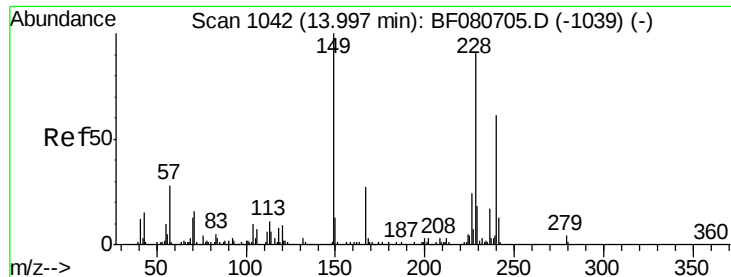
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.7	46.7	70.1#
89	1.6	67.4	101.2#
182	0.0	1.8	2.6#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 813
Delta R.T. 0.01 min
Lab File: BF080727.D
Acq: 31 Jul 2015 11:29

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.5	8.1	12.1
80	12.6	9.1	13.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.01 min Scan# 1043

Delta R.T. 0.01 min

Lab File: BF080727.D

Acq: 31 Jul 2015 11:29

Instrument :

BNA_F

ClientSampleId :

SB-01-12.0-12.5RE

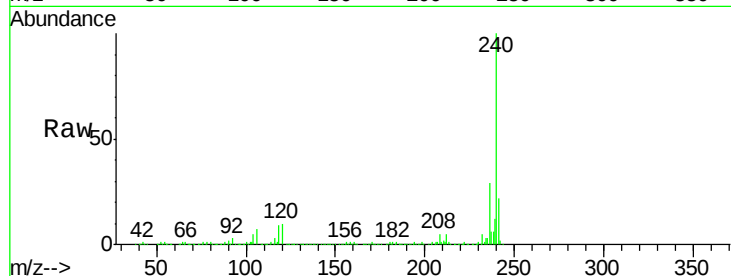
Tgt Ion:240 Resp: 2180460

Ion Ratio Lower Upper

240 100

120 10.5 11.8 17.8#

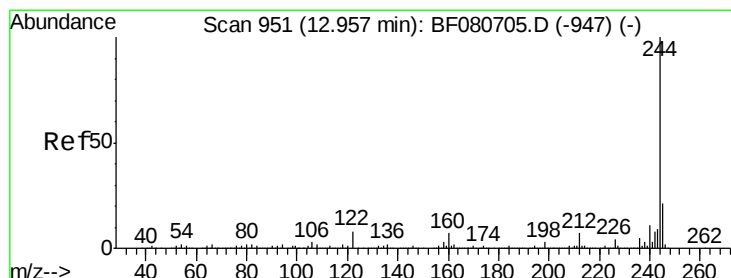
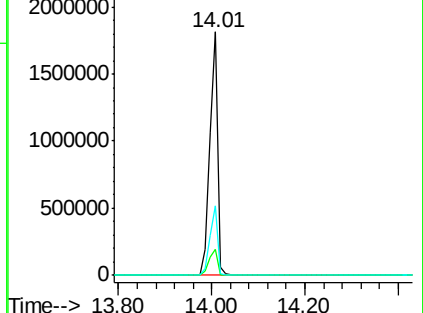
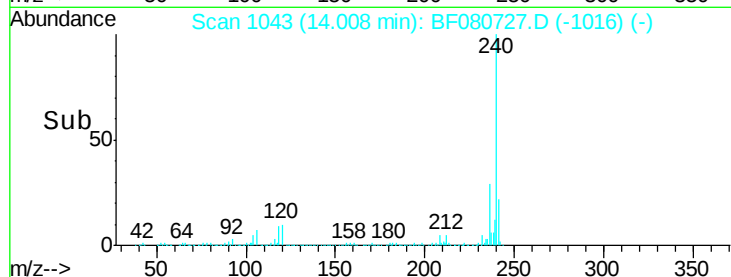
236 28.8 21.8 32.8



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: 15.33 ng

RT: 12.96 min Scan# 951

Delta R.T. -0.00 min

Lab File: BF080727.D

Acq: 31 Jul 2015 11:29

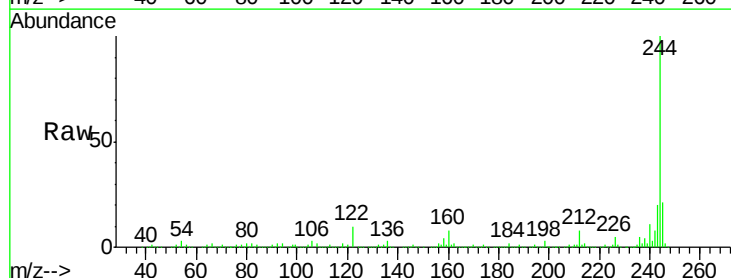
Tgt Ion:244 Resp: 1767623

Ion Ratio Lower Upper

244 100

212 7.9 5.9 8.9

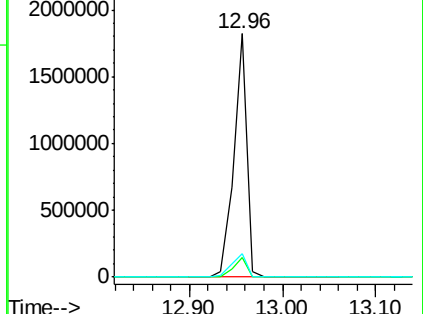
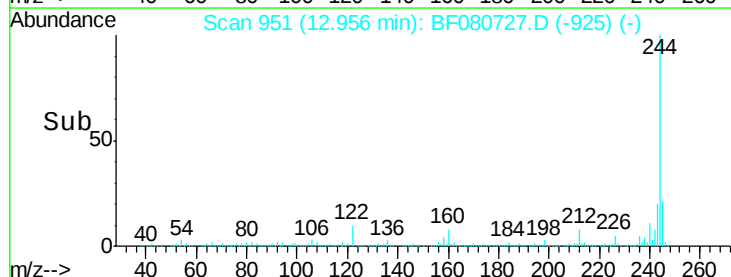
122 9.8 6.6 9.8

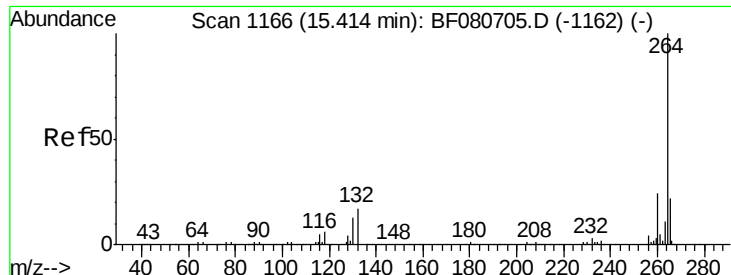


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



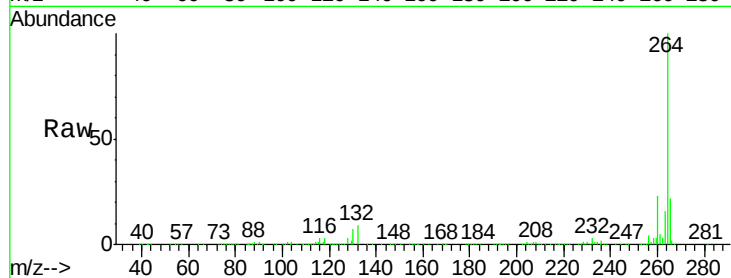


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.43 min Scan# 1167
Delta R.T. 0.01 min
Lab File: BF080727.D
Acq: 31 Jul 2015 11:29

Instrument :
BNA_F
ClientSampleId :
SB-01-12.0-12.5RE

Tgt Ion: 264 Resp: 1073774

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.4	29.0
265	21.6	17.3	25.9



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

