

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080115\
 Data File : BF080772.D
 Acq On : 1 Aug 2015 10:45
 Operator : TP/UM
 Sample : G3140-04
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-1

Quant Time: Aug 03 01:04:11 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

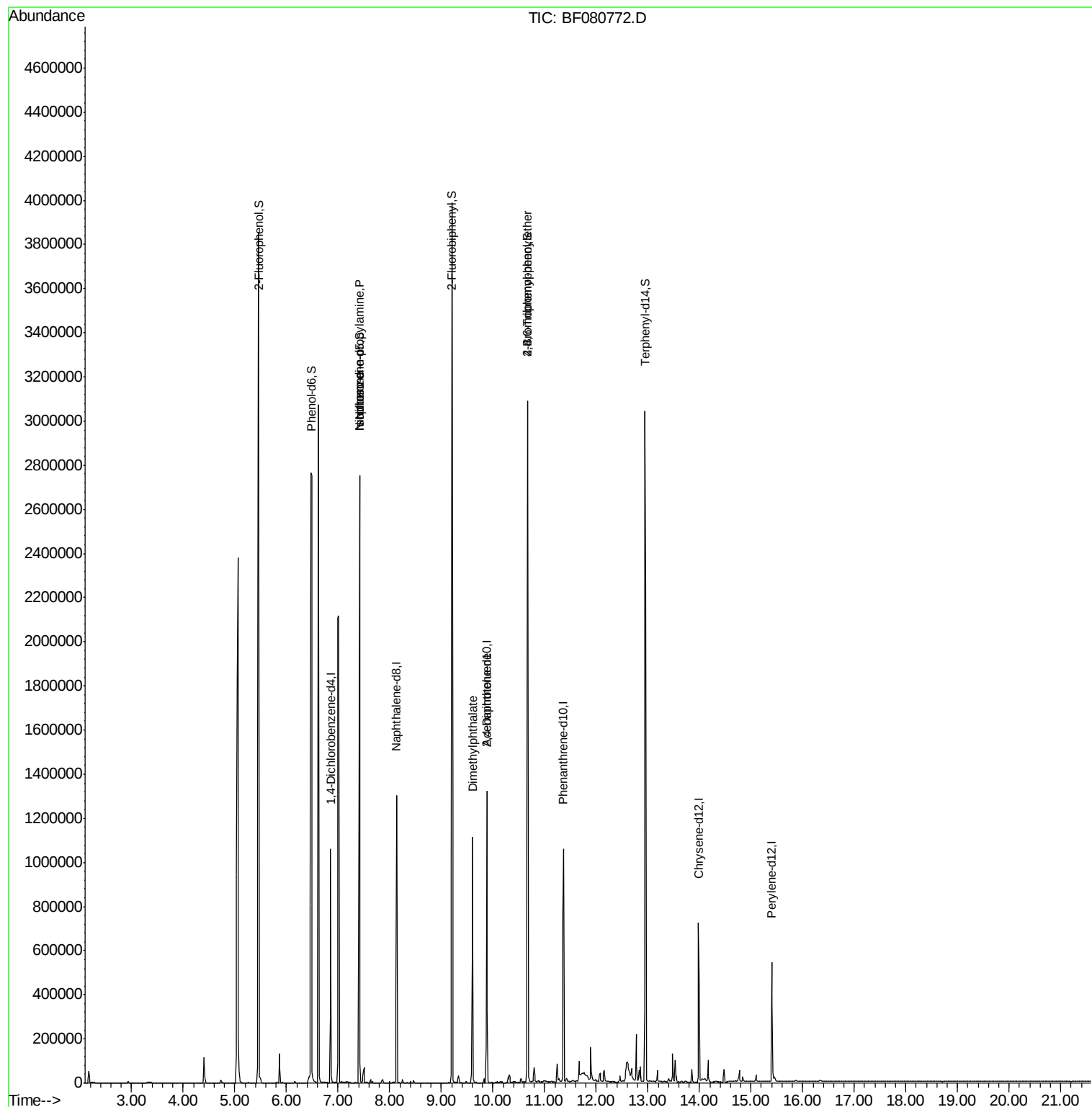
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	140776	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	539648	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	255729	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	495572	20.00	ng	0.00
75) Chrysene-d12	13.99	240	317229	20.00	ng	-0.01
86) Perylene-d12	15.40	264	289448	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	905396	110.33	ng	0.01
7) Phenol-d6	6.49	99	1433480	128.31	ng	0.00
23) Nitrobenzene-d5	7.41	82	895997	80.40	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	338192	127.45	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	1409509	82.23	ng	-0.01
78) Terphenyl-d14	12.95	244	1305794	77.85	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.49	77	2252	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.41	70	127049	16.89 ng	#	74
25) Isophorone	7.41	82	879680	44.39 ng	#	71
49) Dimethylphthalate	9.61	163	533726	29.62 ng		98
56) 2,4-Dinitrotoluene	9.88	165	32816	6.54 ng	#	16
66) 4-Bromophenyl-phenylether	10.67	248	22609	4.42 ng	#	1

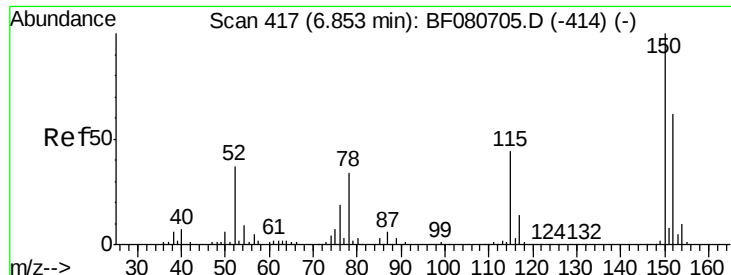
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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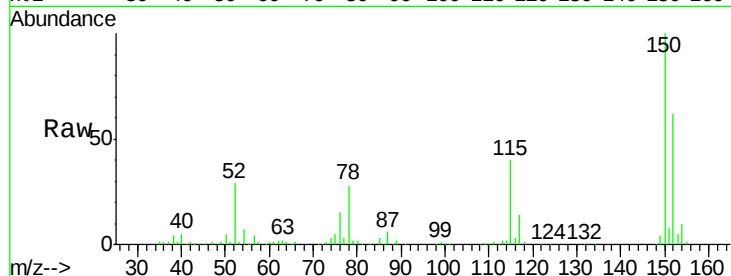




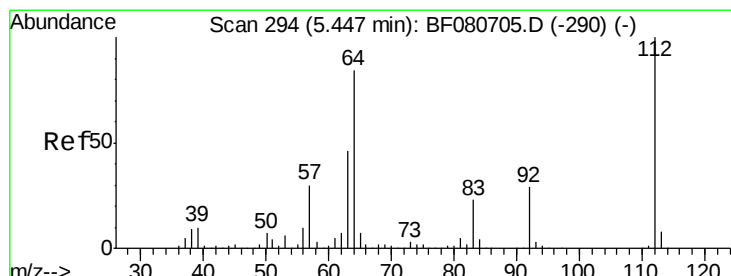
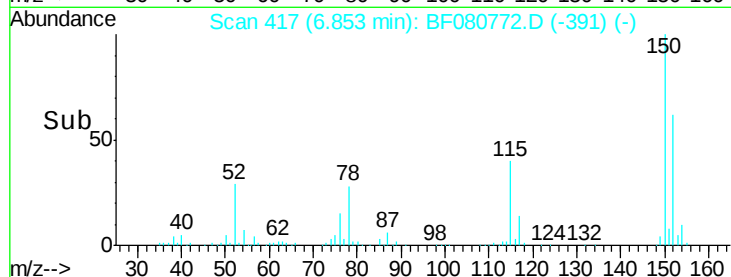
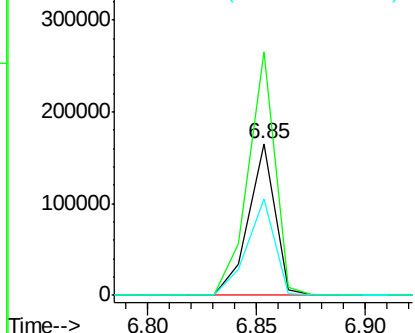
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.85 min Scan# 417
 Delta R.T. 0.00 min
 Lab File: BF080772.D
 Acq: 1 Aug 2015 10:45

Instrument :
 BNA_F
 ClientSampleId :
 SB-1

Tgt Ion:152 Resp: 140776
 Ion Ratio Lower Upper
 152 100
 150 160.3 129.6 194.4
 115 63.6 56.6 85.0

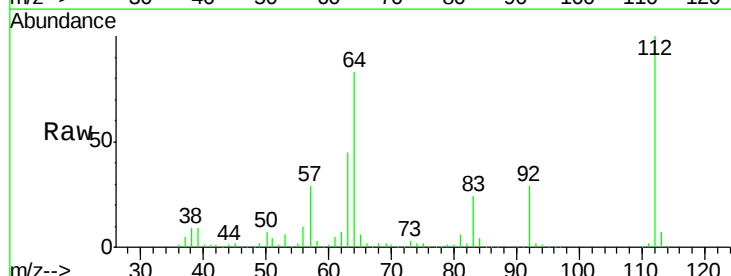


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

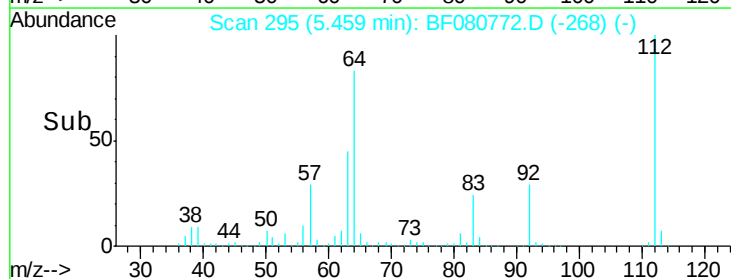
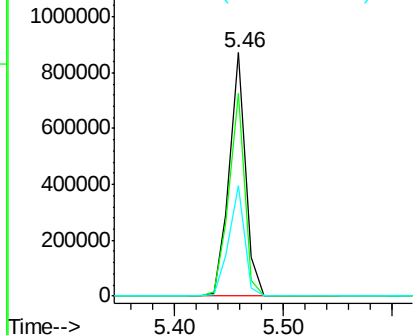


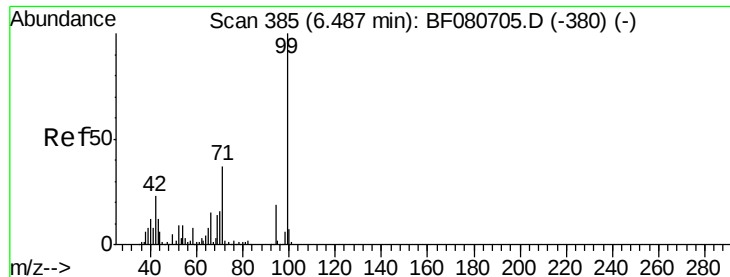
#5
 2-Fluorophenol
 Concen: 110.33 ng
 RT: 5.46 min Scan# 295
 Delta R.T. 0.01 min
 Lab File: BF080772.D
 Acq: 1 Aug 2015 10:45

Tgt Ion:112 Resp: 905396
 Ion Ratio Lower Upper
 112 100
 64 83.0 66.8 100.2
 63 45.4 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: 128.31 ng

RT: 6.49 min Scan# 385

Delta R.T. 0.00 min

Lab File: BF080772.D

Acq: 1 Aug 2015 10:45

Instrument :

BNA_F

ClientSampleId :

SB-1

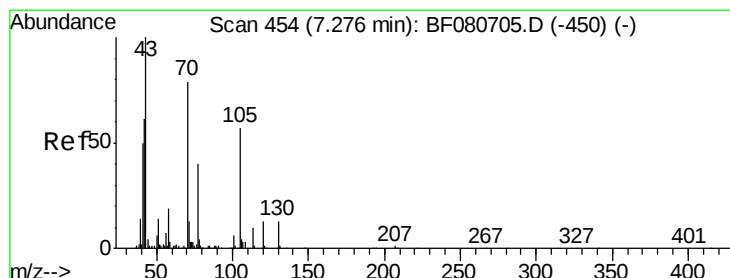
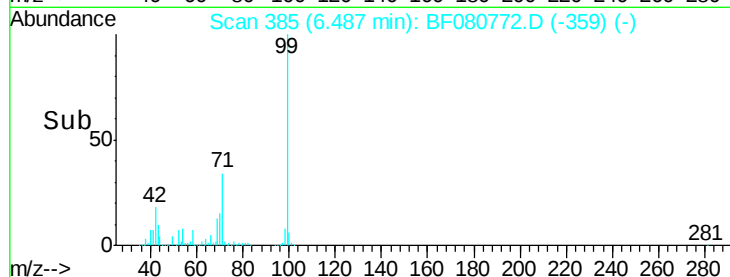
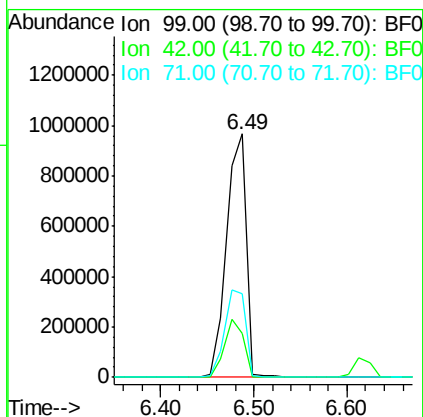
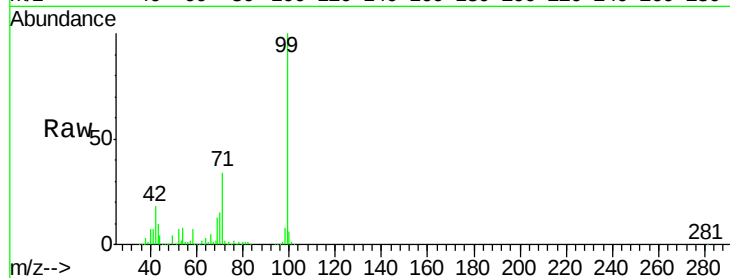
Tgt Ion: 99 Resp: 1433480

Ion Ratio Lower Upper

99 100

42 18.2 18.2 27.2#

71 34.5 29.5 44.3



#19

n-Nitroso-di-n-propylamine

Concen: 16.89 ng

RT: 7.41 min Scan# 466

Delta R.T. 0.14 min

Lab File: BF080772.D

Acq: 1 Aug 2015 10:45

Tgt Ion: 70 Resp: 127049

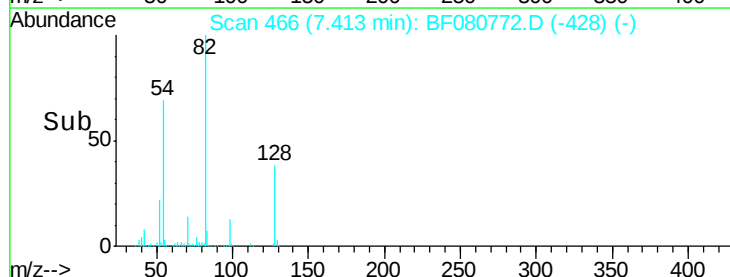
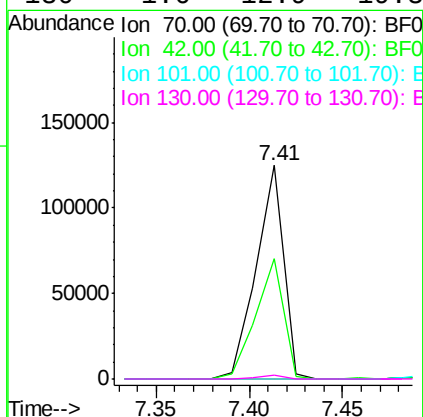
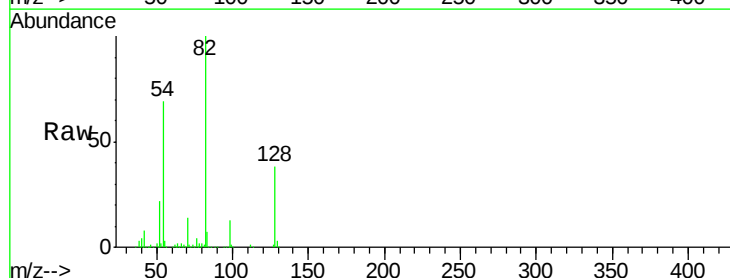
Ion Ratio Lower Upper

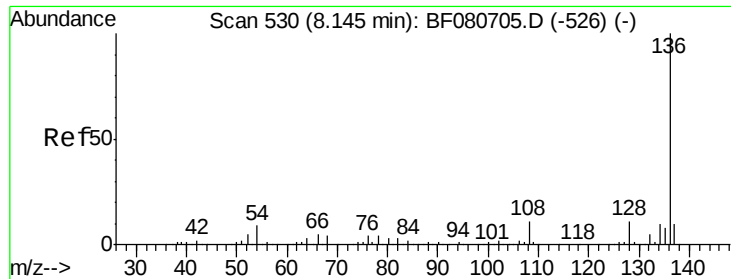
70 100

42 56.3 61.8 92.6#

101 0.0 6.1 9.1#

130 1.6 12.9 19.3#

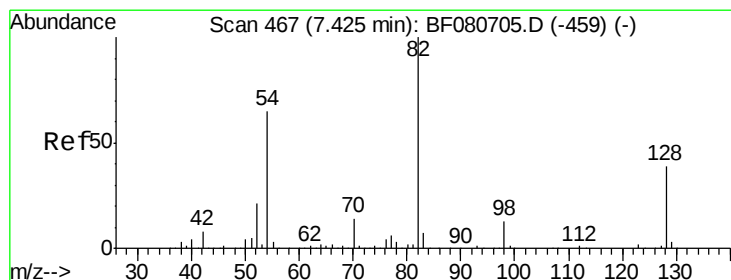
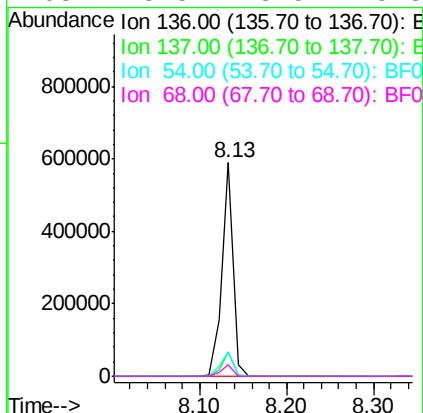
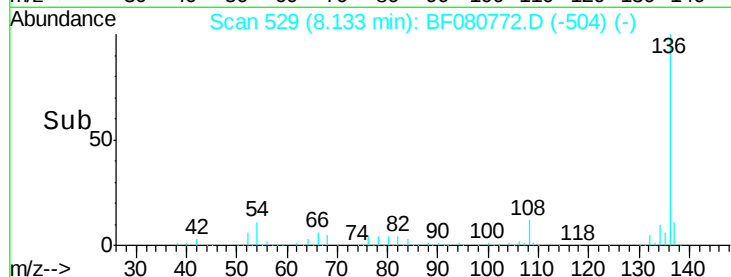
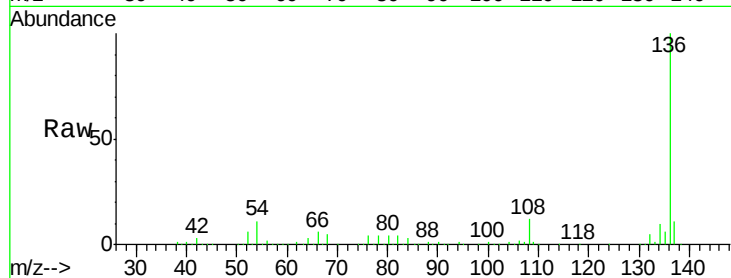




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.01 min
Lab File: BF080772.D
Acq: 1 Aug 2015 10:45

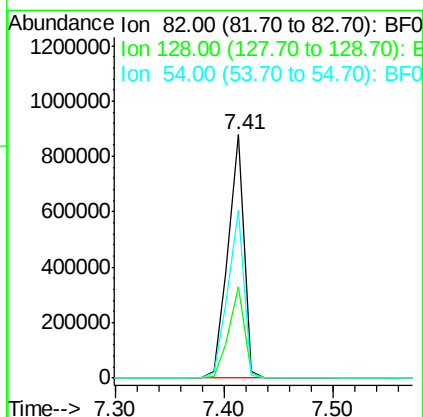
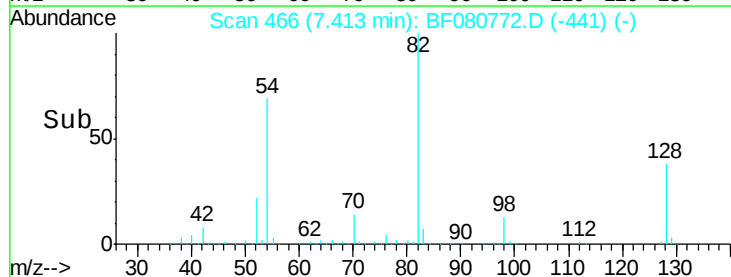
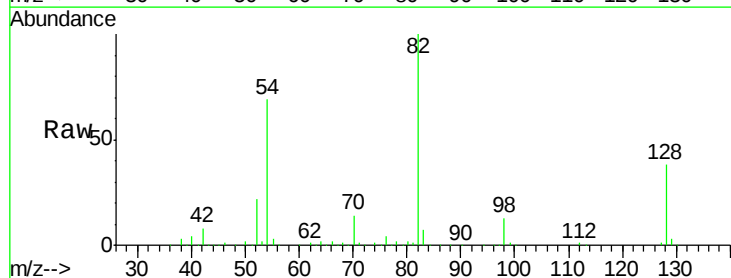
Instrument :
BNA_F
ClientSampleId :
SB-1

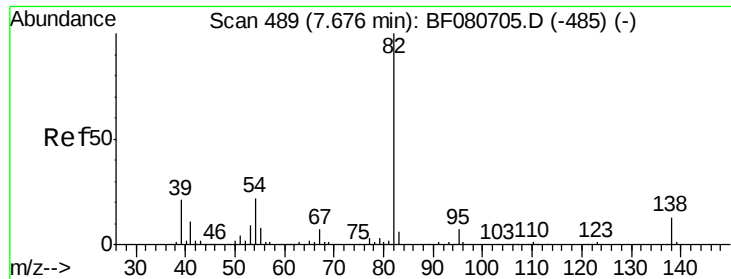
Tgt Ion:	136	Resp:	539648
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.4	12.6
54	11.5	6.9	10.3#
68	5.5	3.5	5.3#



#23
Nitrobenzene-d5
Concen: 80.40 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.01 min
Lab File: BF080772.D
Acq: 1 Aug 2015 10:45

Tgt Ion:	82	Resp:	895997
Ion	Ratio	Lower	Upper
82	100		
128	37.7	31.5	47.3
54	68.9	51.8	77.8





#25

Isophorone

Concen: 44.39 ng

RT: 7.41 min Scan# 466

Delta R.T. -0.26 min

Lab File: BF080772.D

Acq: 1 Aug 2015 10:45

Instrument :

BNA_F

ClientSampleId :

SB-1

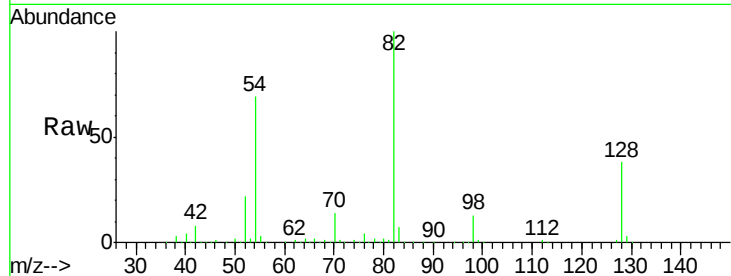
Tgt Ion: 82 Resp: 879680

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

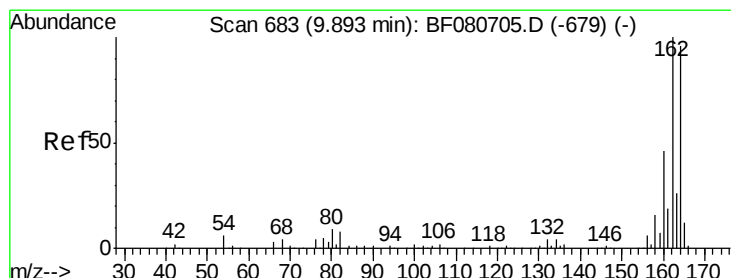
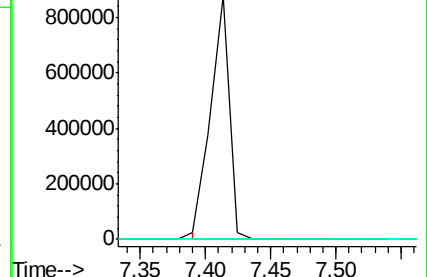
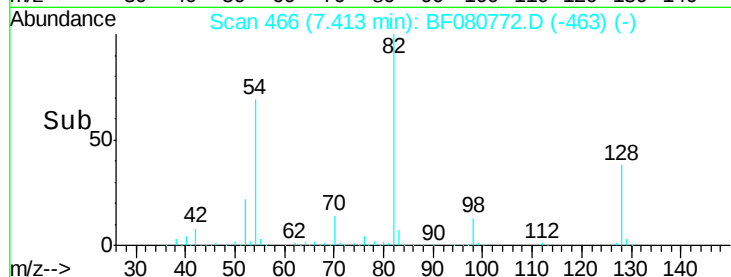
138 0.0 10.7 16.1#



Abundance Ion 82.00 (81.70 to 82.70): BF080772.D (-463) (-)

Ion 95.00 (94.70 to 95.70): BF080772.D (-463) (-)

Ion 138.00 (137.70 to 138.70): BF080772.D (-463) (-)



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF080772.D

Acq: 1 Aug 2015 10:45

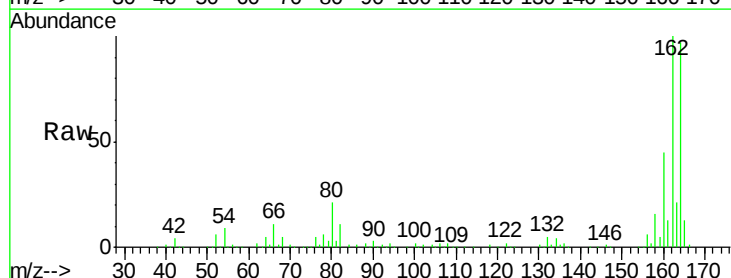
Tgt Ion: 164 Resp: 255729

Ion Ratio Lower Upper

164 100

162 103.2 83.4 125.0

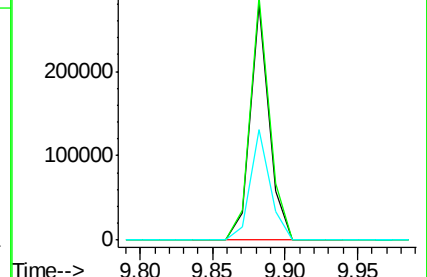
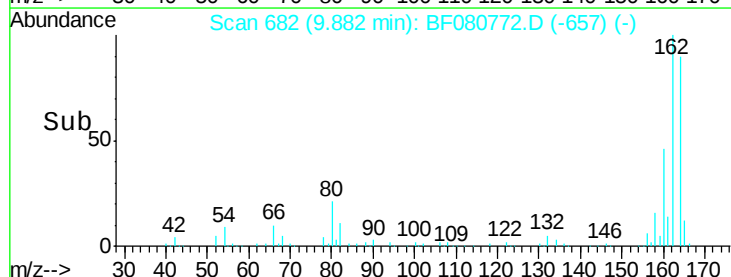
160 46.8 38.0 57.0

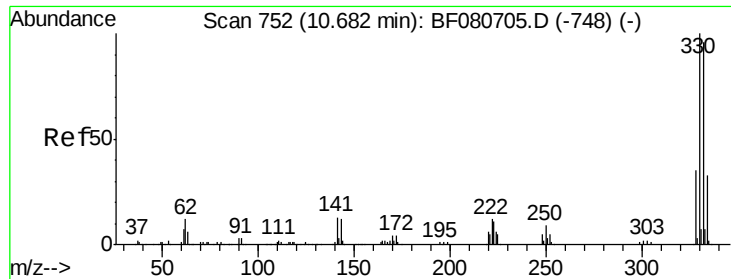


Abundance Ion 164.00 (163.70 to 164.70): BF080772.D (-657) (-)

Ion 162.00 (161.70 to 162.70): BF080772.D (-657) (-)

Ion 160.00 (159.70 to 160.70): BF080772.D (-657) (-)

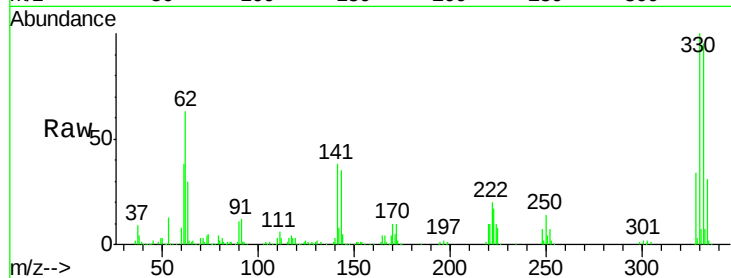




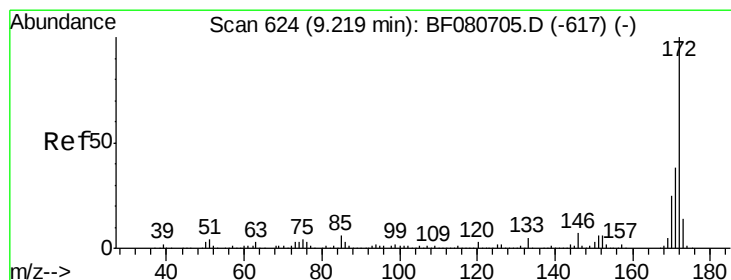
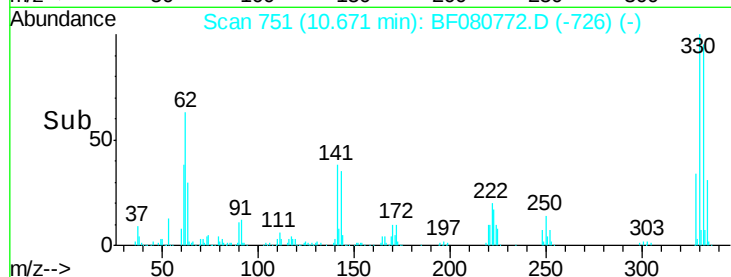
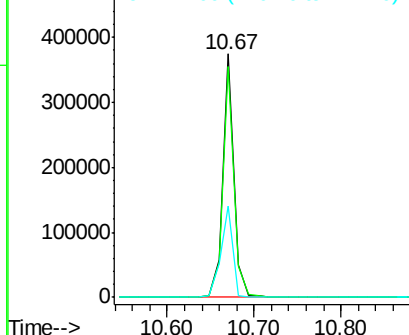
#41
 2,4,6-Tribromophenol
 Concen: 127.45 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: BF080772.D
 Acq: 1 Aug 2015 10:45

Instrument :
 BNA_F
 ClientSampleID :
 SB-1

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.0	76.6	114.8
141	40.9	26.0	39.0#

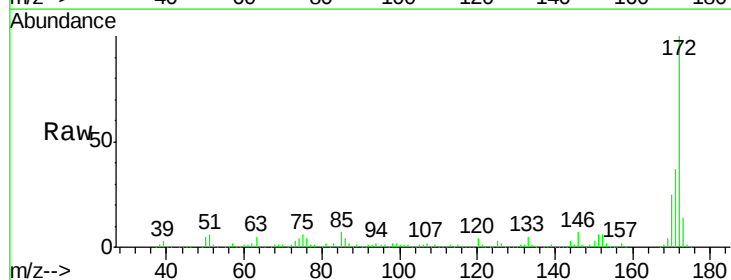


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

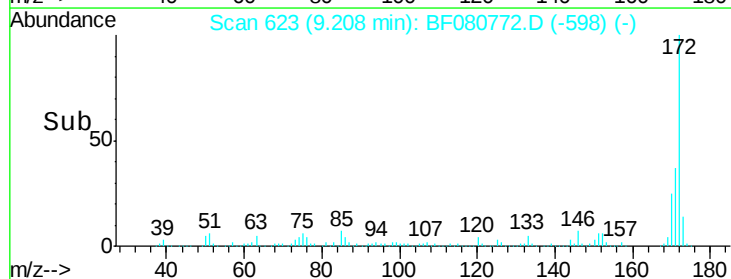
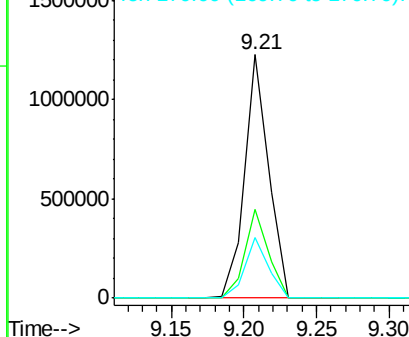


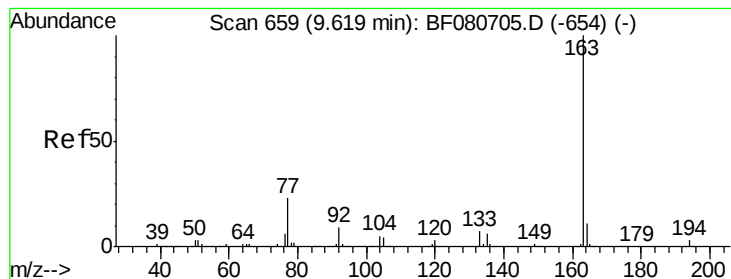
#44
 2-Fluorobiphenyl
 Concen: 82.23 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.01 min
 Lab File: BF080772.D
 Acq: 1 Aug 2015 10:45

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	30.2	45.4
170	24.7	20.2	30.2



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: 29.62 ng

RT: 9.61 min Scan# 658

Delta R.T. -0.01 min

Lab File: BF080772.D

Acq: 1 Aug 2015 10:45

Instrument :

BNA_F

ClientSampleId :

SB-1

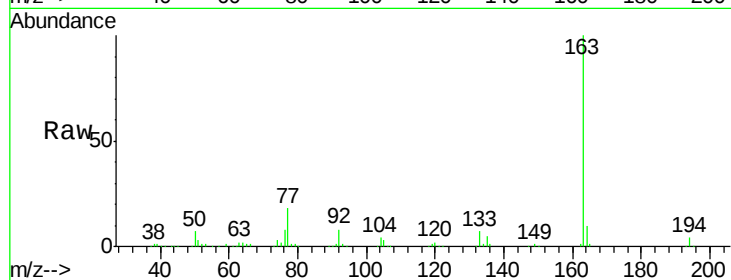
Tgt Ion:163 Resp: 533726

Ion Ratio Lower Upper

163 100

194 3.5 2.7 4.1

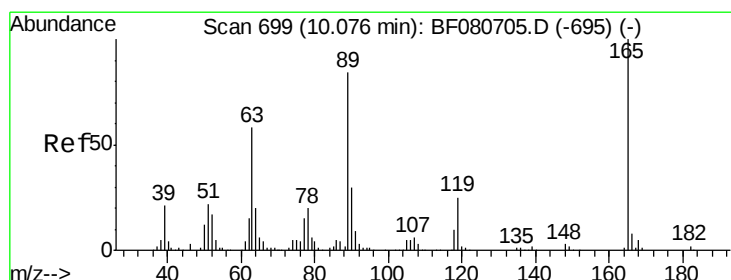
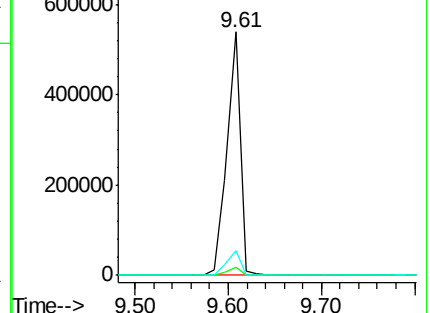
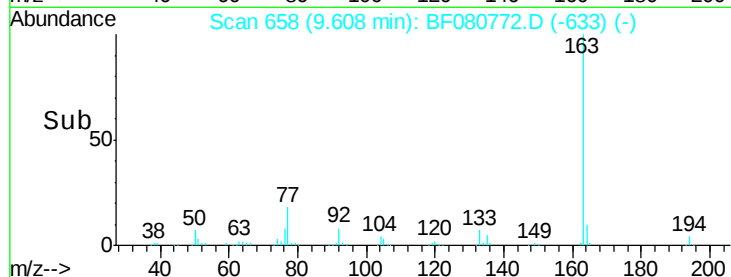
164 10.2 8.7 13.1



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



#56

2,4-Dinitrotoluene

Concen: 6.54 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.19 min

Lab File: BF080772.D

Acq: 1 Aug 2015 10:45

Tgt Ion:165 Resp: 32816

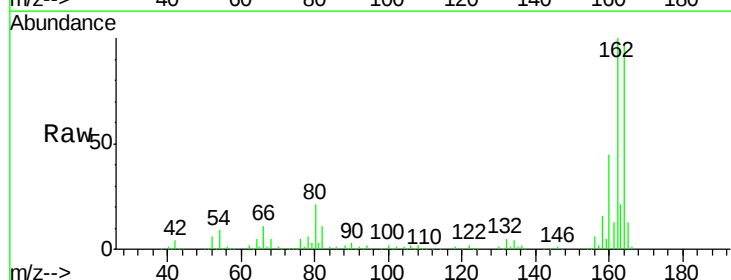
Ion Ratio Lower Upper

165 100

63 1.4 46.7 70.1#

89 1.7 67.4 101.2#

182 0.0 1.8 2.6#

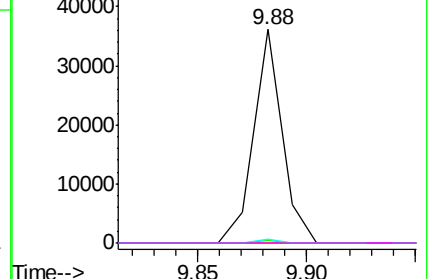
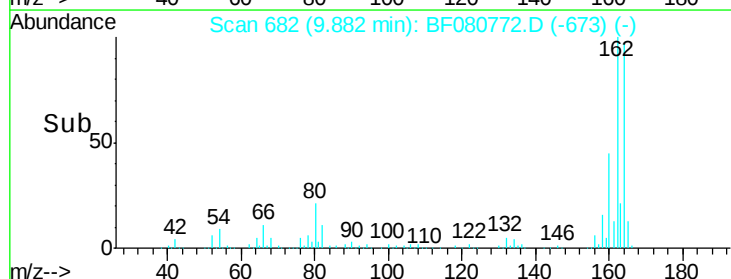


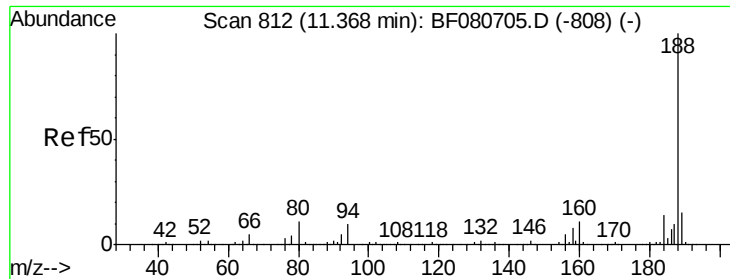
Abundance Ion 165.00 (164.70 to 165.70): E

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

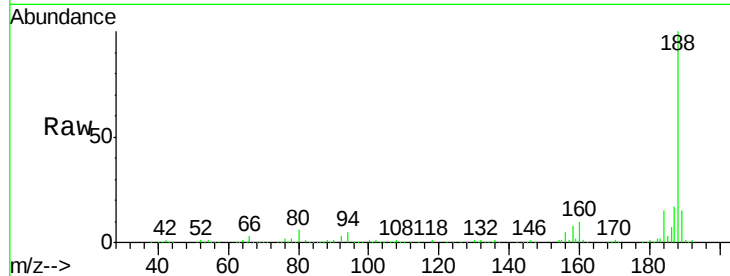




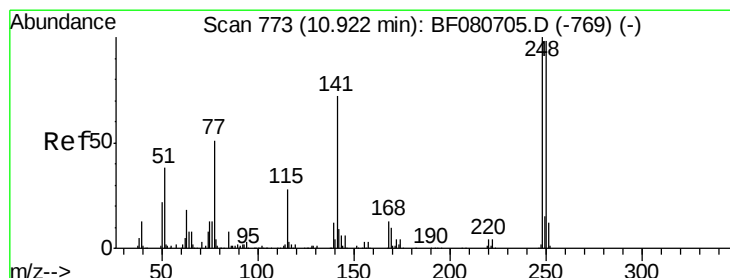
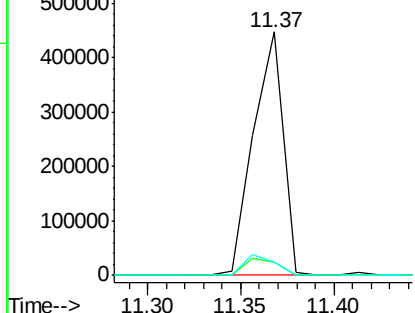
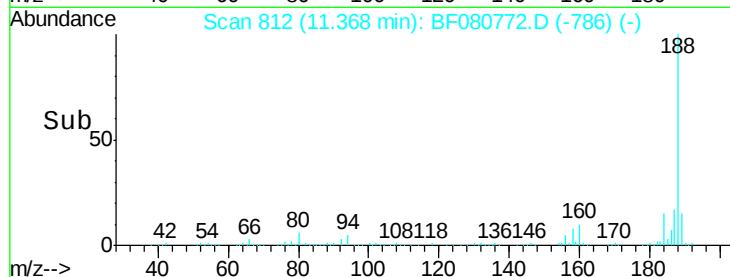
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.37 min Scan# 812
 Delta R.T. 0.00 min
 Lab File: BF080772.D
 Acq: 1 Aug 2015 10:45

Instrument :
 BNA_F
 ClientSampleId :
 SB-1

Tgt Ion:188 Resp: 495572
 Ion Ratio Lower Upper
 188 100
 94 5.3 8.1 12.1#
 80 5.6 9.1 13.7#

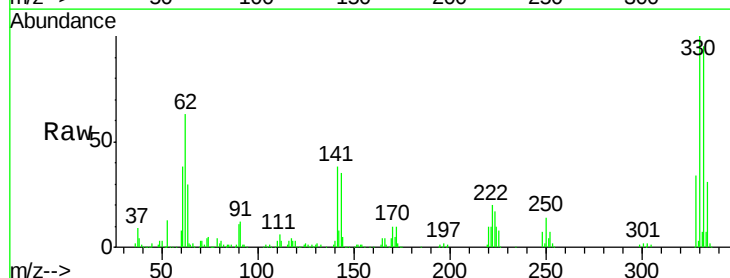


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

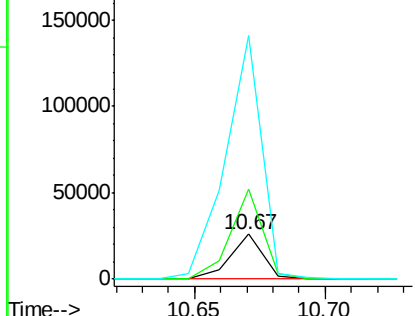
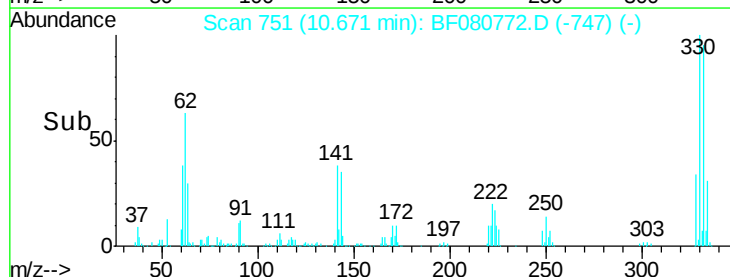


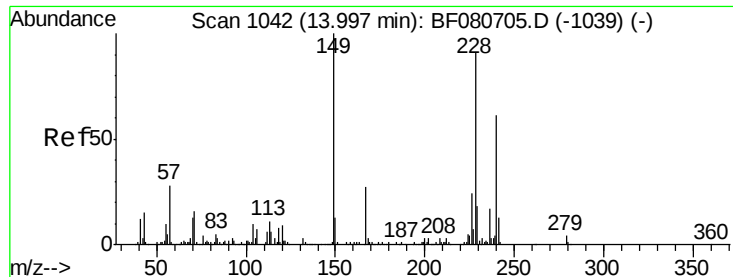
#66
 4-Bromophenyl-phenylether
 Concen: 4.42 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.25 min
 Lab File: BF080772.D
 Acq: 1 Aug 2015 10:45

Tgt Ion:248 Resp: 22609
 Ion Ratio Lower Upper
 248 100
 250 201.5 78.4 117.6#
 141 544.0 57.5 86.3#



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: 13.99 min Scan# 1041

Delta R.T. -0.01 min

Lab File: BF080772.D

Acq: 1 Aug 2015 10:45

Instrument :

BNA_F

ClientSampleId :

SB-1

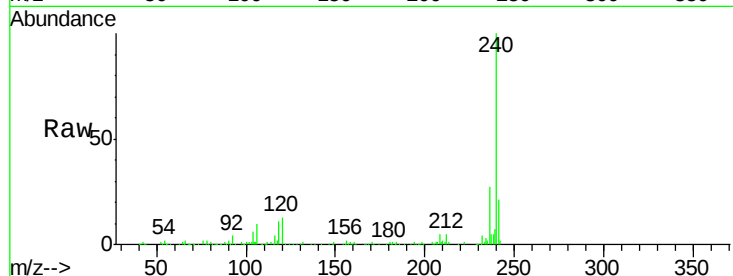
Tgt Ion:240 Resp: 317229

Ion Ratio Lower Upper

240 100

120 13.0 11.8 17.8

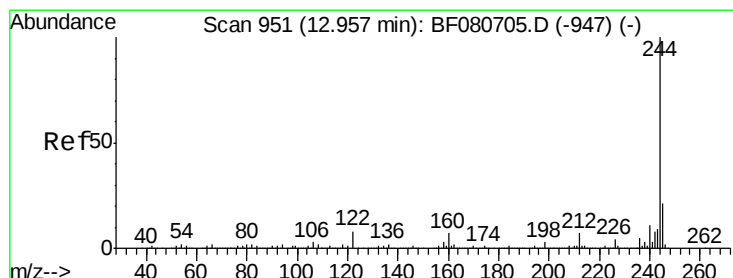
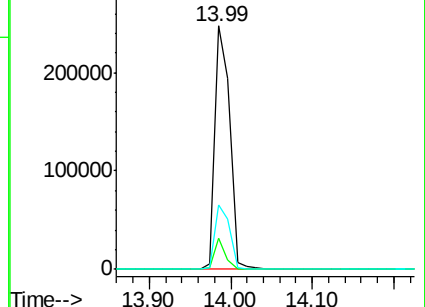
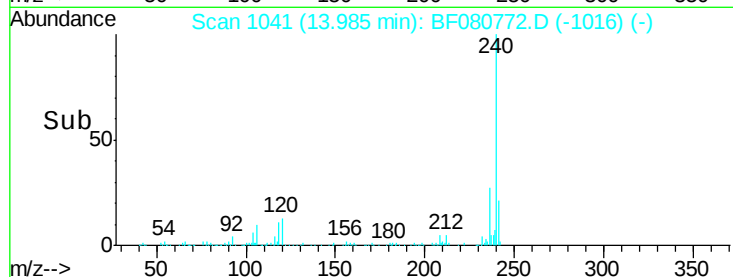
236 26.6 21.8 32.8



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: 77.85 ng

RT: 12.95 min Scan# 950

Delta R.T. -0.01 min

Lab File: BF080772.D

Acq: 1 Aug 2015 10:45

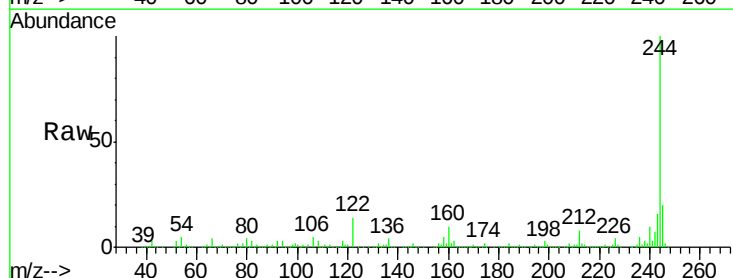
Tgt Ion:244 Resp: 1305794

Ion Ratio Lower Upper

244 100

212 8.2 5.9 8.9

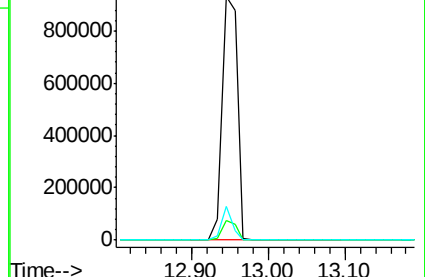
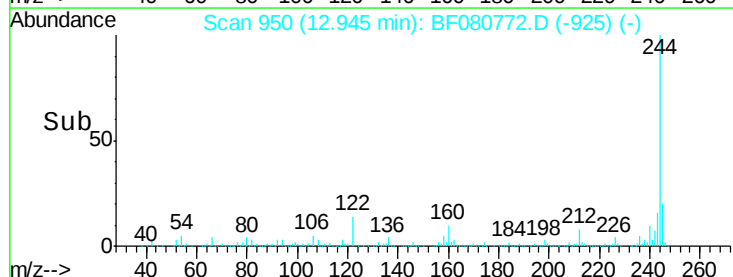
122 13.8 6.6 9.8#

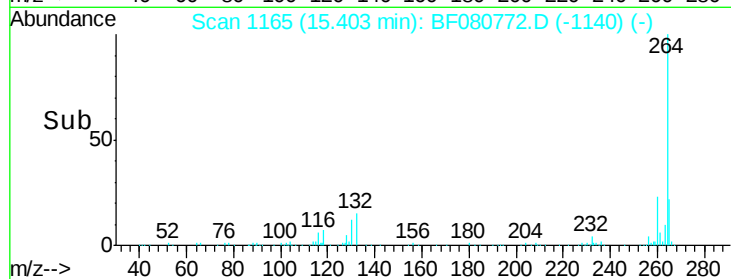
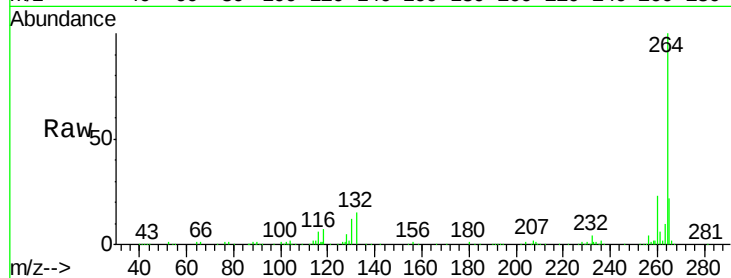
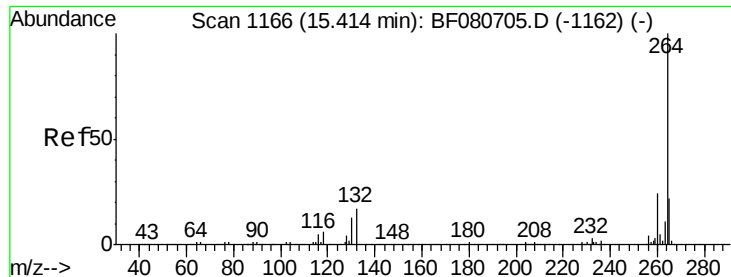


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.40 min Scan# 1165

Delta R.T. -0.01 min

Lab File: BF080772.D

Acq: 1 Aug 2015 10:45

Instrument :

BNA_F

ClientSampleId :

SB-1

Tgt Ion:264 Resp: 289448

Ion Ratio Lower Upper

264 100

260 23.0 19.4 29.0

265 21.9 17.3 25.9

