

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080115\
 Data File : BF080771.D
 Acq On : 1 Aug 2015 10:14
 Operator : TP/UM
 Sample : G3140-01
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-2W

Quant Time: Aug 03 01:03:53 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

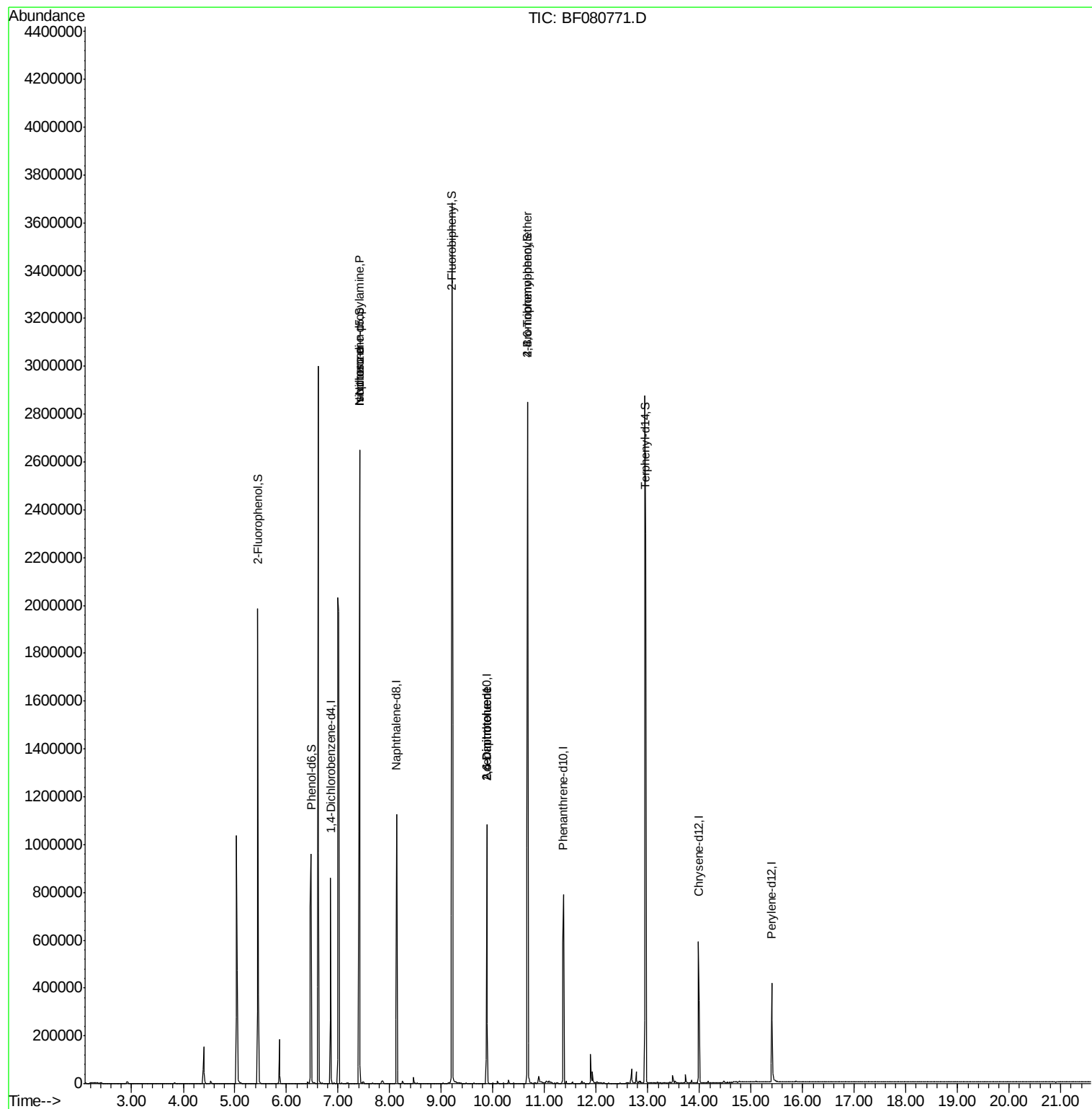
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	121482	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	452158	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	204049	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	384559	20.00	ng	0.00
75) Chrysene-d12	13.99	240	243232	20.00	ng	-0.01
86) Perylene-d12	15.40	264	227945	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	437002	61.71	ng	0.00
7) Phenol-d6	6.48	99	404055	41.91	ng	-0.01
23) Nitrobenzene-d5	7.41	82	851835	91.23	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	321222	151.71	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	1339892	97.96	ng	-0.01
78) Terphenyl-d14	12.96	244	1276478	99.25	ng	0.00
Target Compounds						
9) Benzaldehyde	6.48	77	738	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.41	70	121179	18.67 ng	#	74
25) Isophorone	7.41	82	834593	50.26 ng	#	71
50) 2,6-Dinitrotoluene	9.88	165	26638	8.73 ng	#	15
56) 2,4-Dinitrotoluene	9.88	165	26639	6.66 ng	#	17
66) 4-Bromophenyl-phenylether	10.67	248	21343	5.38 ng	#	1

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

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080115\
Data File : BF080771.D
Acq On : 1 Aug 2015 10:14
Operator : TP/UM
Sample : G3140-01
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-2W

Quant Time: Aug 03 01:03:53 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

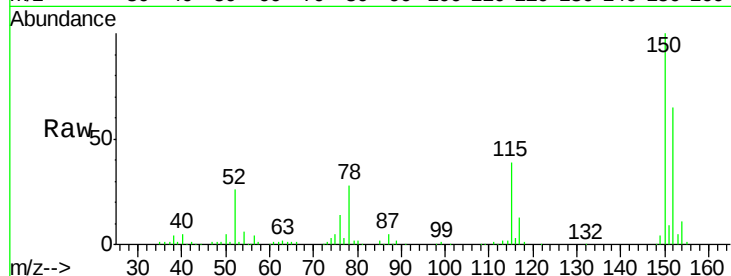




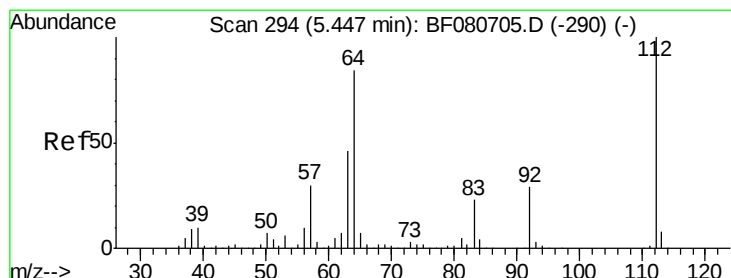
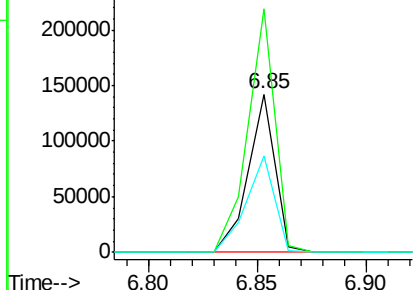
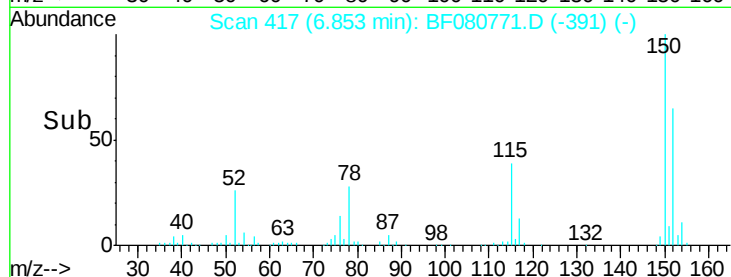
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.85 min Scan# 417
 Delta R.T. -0.00 min
 Lab File: BF080771.D
 Acq: 1 Aug 2015 10:14

Instrument :
 BNA_F
 ClientSampleId :
 SB-2W

Tgt Ion:152 Resp: 121482
 Ion Ratio Lower Upper
 152 100
 150 153.6 129.6 194.4
 115 60.6 56.6 85.0

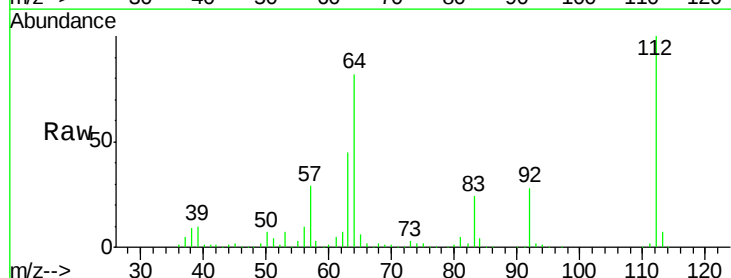


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

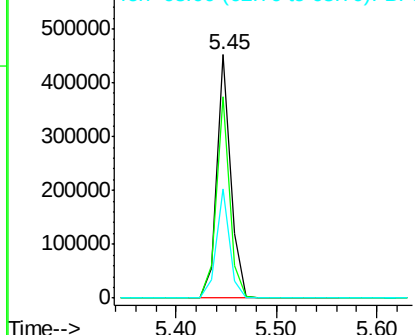
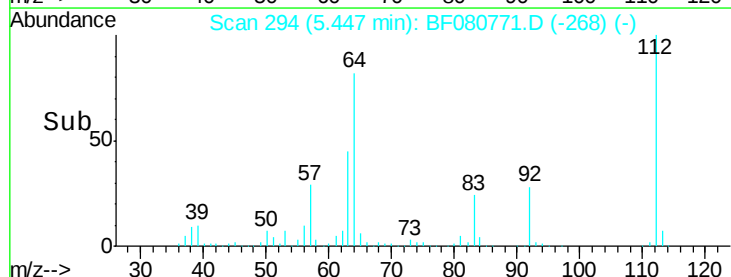


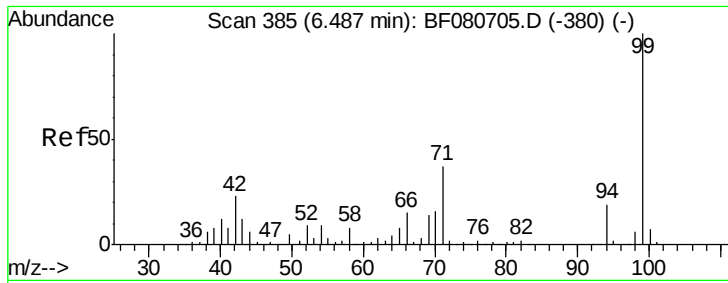
#5
 2-Fluorophenol
 Concen: 61.71 ng
 RT: 5.45 min Scan# 294
 Delta R.T. -0.00 min
 Lab File: BF080771.D
 Acq: 1 Aug 2015 10:14

Tgt Ion:112 Resp: 437002
 Ion Ratio Lower Upper
 112 100
 64 82.5 66.8 100.2
 63 44.7 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: 41.91 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.01 min

Lab File: BF080771.D

Acq: 1 Aug 2015 10:14

Instrument :

BNA_F

ClientSampleId :

SB-2W

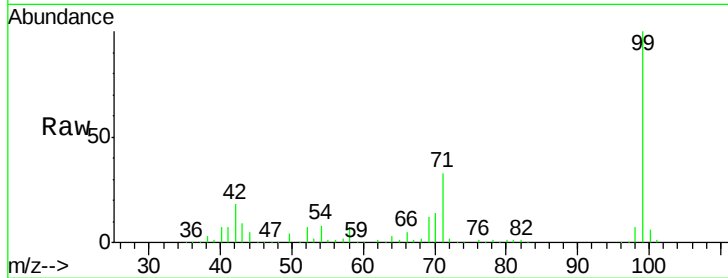
Tgt Ion: 99 Resp: 404055

Ion Ratio Lower Upper

99 100

42 18.5 18.2 27.2

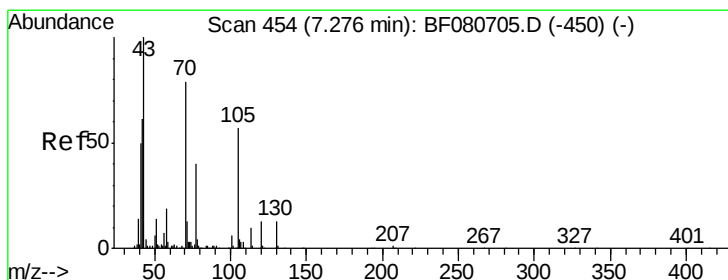
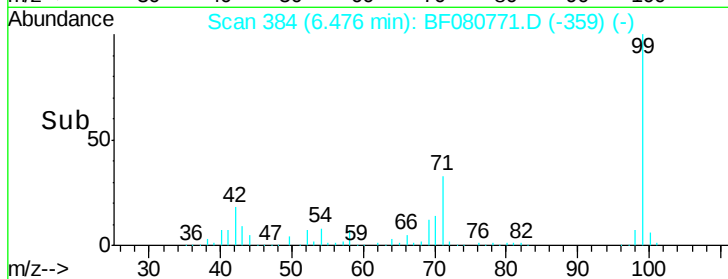
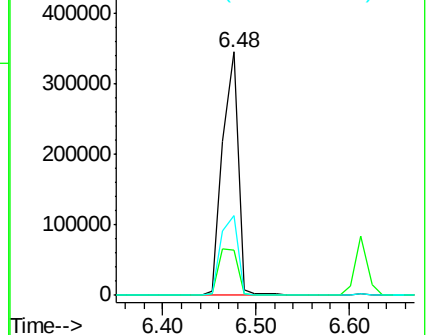
71 32.9 29.5 44.3



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: 18.67 ng

RT: 7.41 min Scan# 466

Delta R.T. 0.14 min

Lab File: BF080771.D

Acq: 1 Aug 2015 10:14

Tgt Ion: 70 Resp: 121179

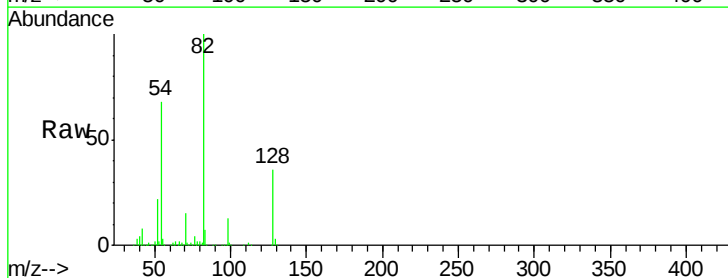
Ion Ratio Lower Upper

70 100

42 56.0 61.8 92.6#

101 0.0 6.1 9.1#

130 1.8 12.9 19.3#

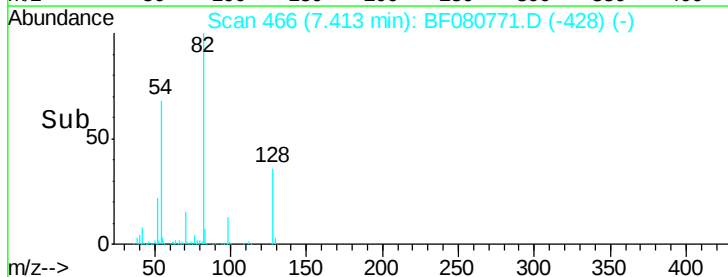
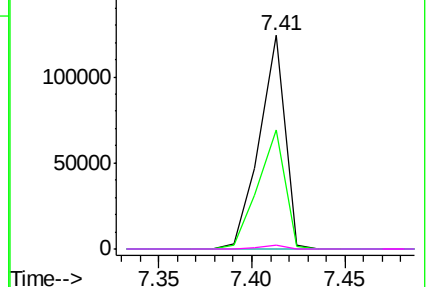


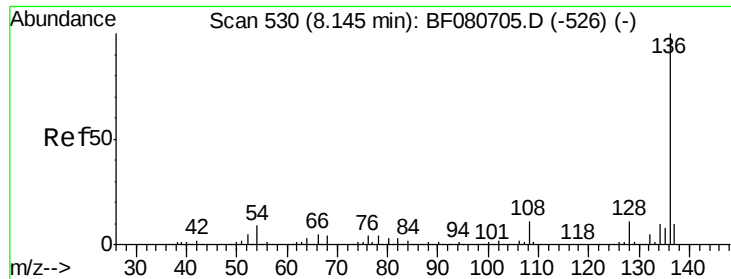
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

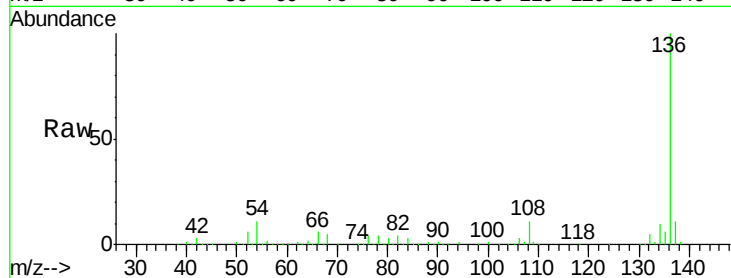




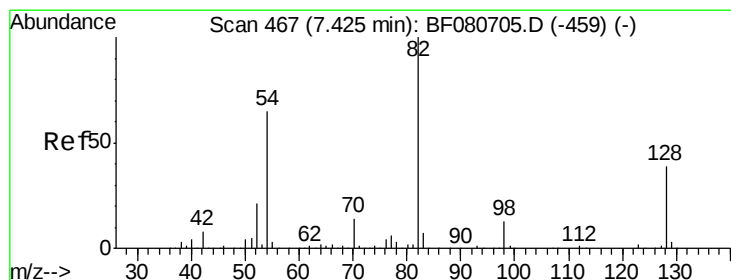
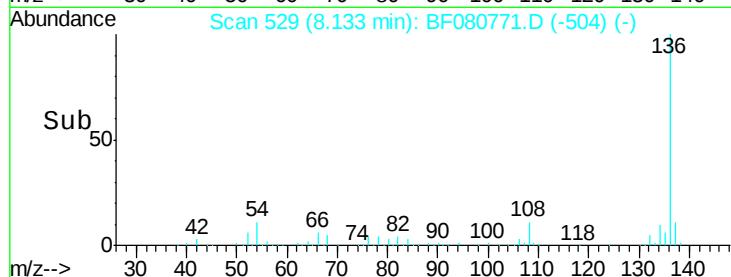
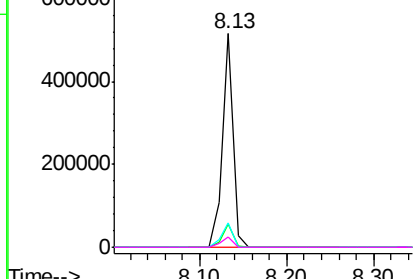
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.01 min
Lab File: BF080771.D
Acq: 1 Aug 2015 10:14

Instrument :
BNA_F
ClientSampleId :
SB-2W

Tgt Ion:	136	Resp:	452158
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.4	12.6
54	11.4	6.9	10.3
68	5.1	3.5	5.3

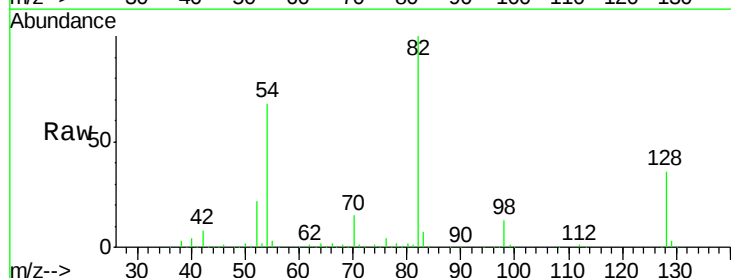


Abundance Ion 136.00 (135.70 to 136.70): E
800000
Ion 137.00 (136.70 to 137.70): E
600000
Ion 54.00 (53.70 to 54.70): BF0
400000
Ion 68.00 (67.70 to 68.70): BF0
200000
0

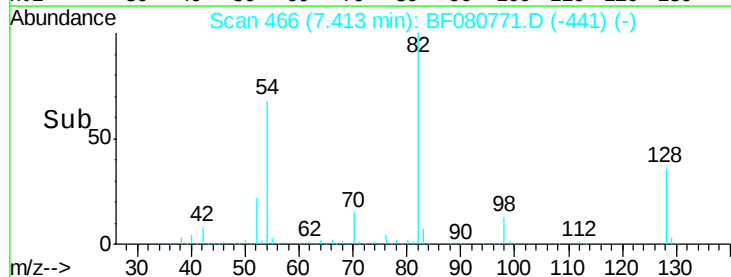
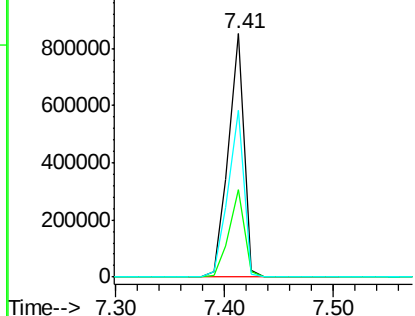


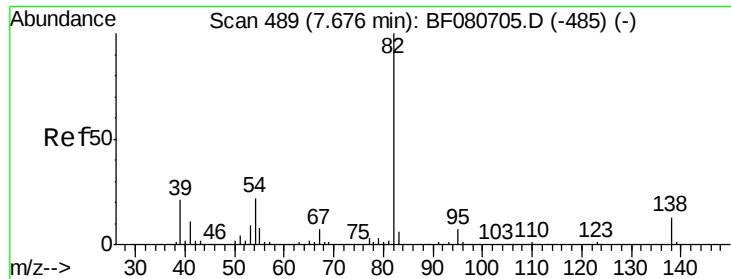
#23
Nitrobenzene-d5
Concen: 91.23 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.01 min
Lab File: BF080771.D
Acq: 1 Aug 2015 10:14

Tgt Ion:	82	Resp:	851835
Ion Ratio	Lower	Upper	
82	100		
128	36.1	31.5	47.3
54	68.3	51.8	77.8



Abundance Ion 82.00 (81.70 to 82.70): BF0
1000000
Ion 128.00 (127.70 to 128.70): E
800000
Ion 54.00 (53.70 to 54.70): BF0
600000
400000
200000
0





#25

Isophorone

Concen: 50.26 ng

RT: 7.41 min Scan# 466

Delta R.T. -0.26 min

Lab File: BF080771.D

Acq: 1 Aug 2015 10:14

Instrument :

BNA_F

ClientSampleId :

SB-2W

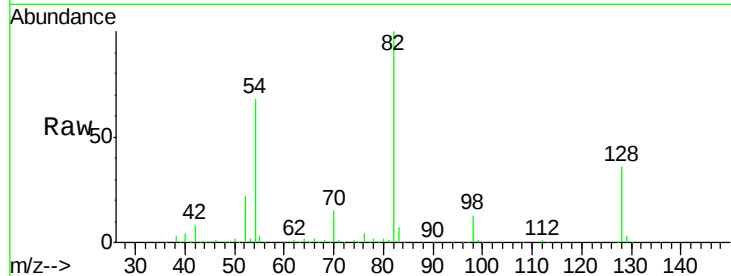
Tgt Ion: 82 Resp: 834593

Ion Ratio Lower Upper

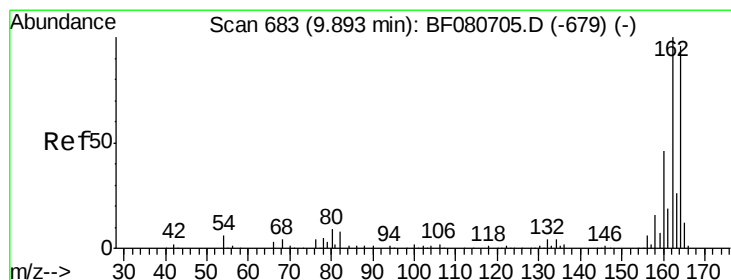
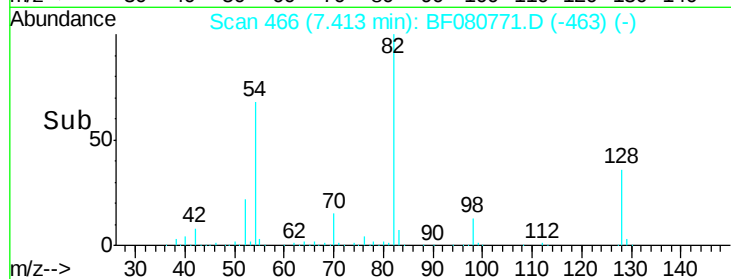
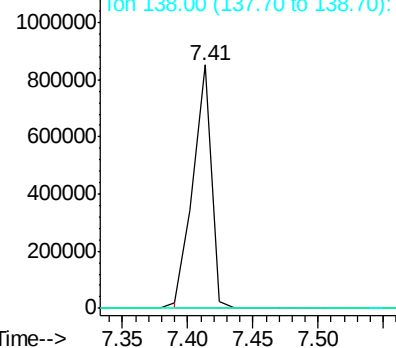
82 100

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): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF080771.D

Acq: 1 Aug 2015 10:14

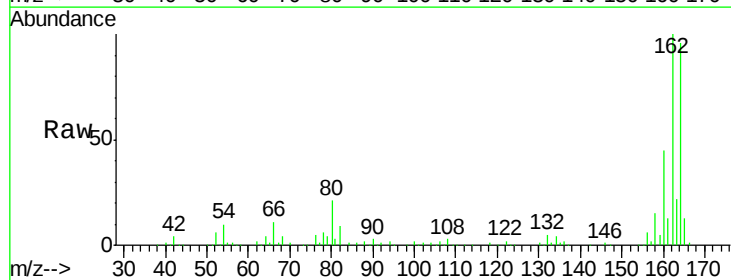
Tgt Ion: 164 Resp: 204049

Ion Ratio Lower Upper

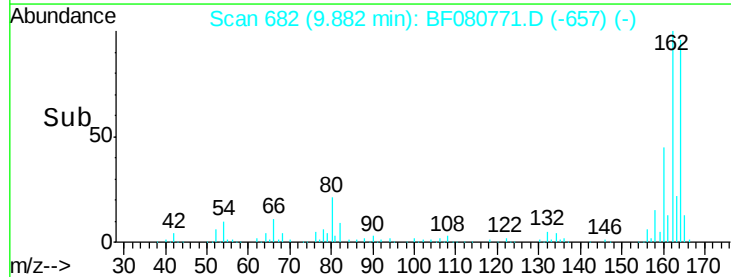
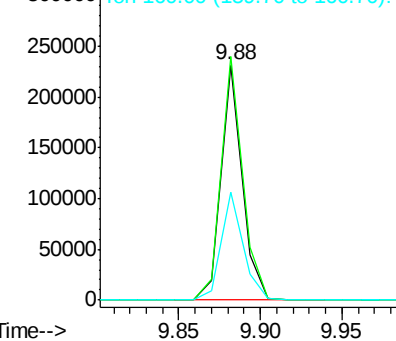
164 100

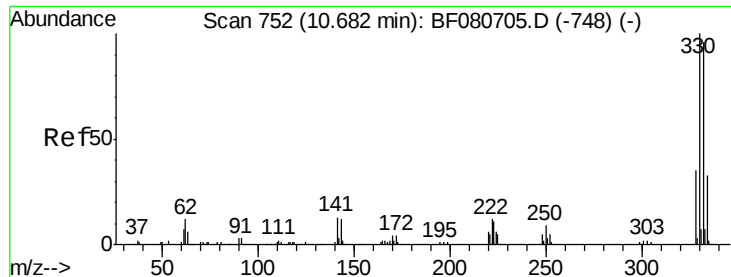
162 103.7 83.4 125.0

160 46.1 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

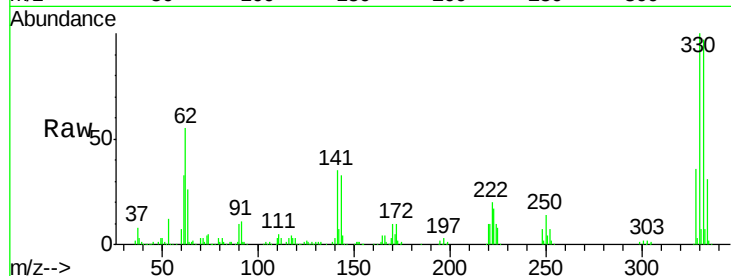




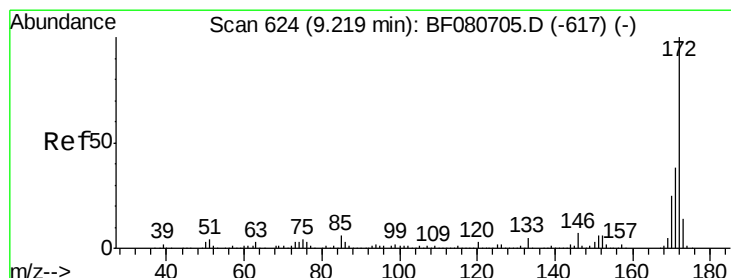
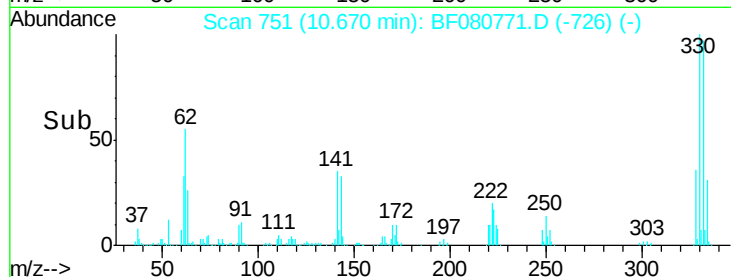
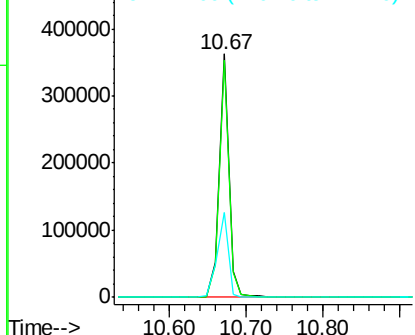
#41
 2,4,6-Tribromophenol
 Concen: 151.71 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: BF080771.D
 Acq: 1 Aug 2015 10:14

Instrument :
 BNA_F
 ClientSampleID :
 SB-2W

Tgt Ion:330 Resp: 321222
 Ion Ratio Lower Upper
 330 100
 332 96.5 76.6 114.8
 141 39.1 26.0 39.0#

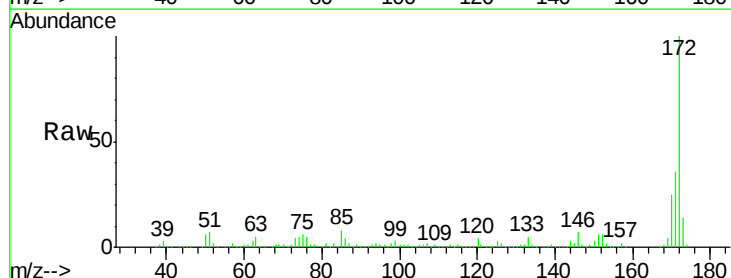


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

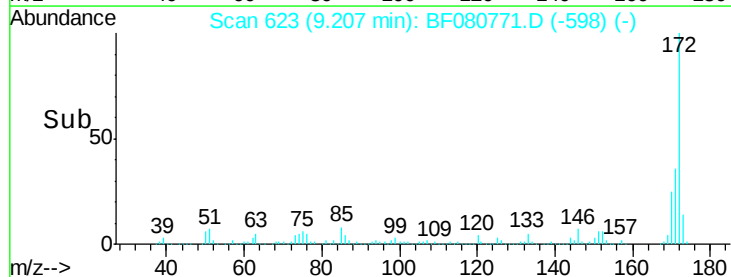
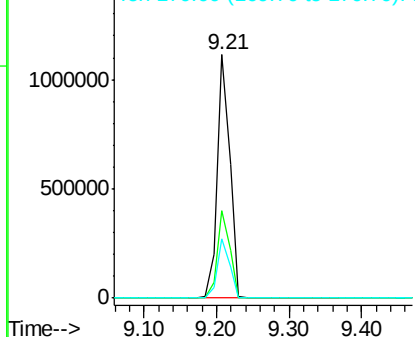


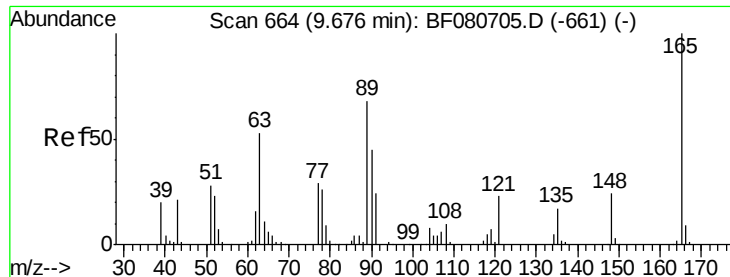
#44
 2-Fluorobiphenyl
 Concen: 97.96 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.01 min
 Lab File: BF080771.D
 Acq: 1 Aug 2015 10:14

Tgt Ion:172 Resp: 1339892
 Ion Ratio Lower Upper
 172 100
 171 36.0 30.2 45.4
 170 24.5 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

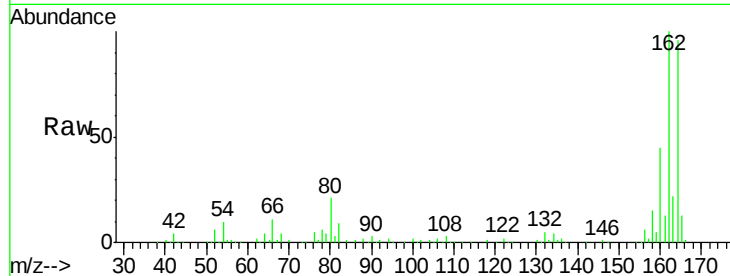




#50
 2,6-Dinitrotoluene
 Concen: 8.73 ng
 RT: 9.88 min Scan# 682
 Delta R.T. 0.21 min
 Lab File: BF080771.D
 Acq: 1 Aug 2015 10:14

Instrument :
 BNA_F
 ClientSampleId :
 SB-2W

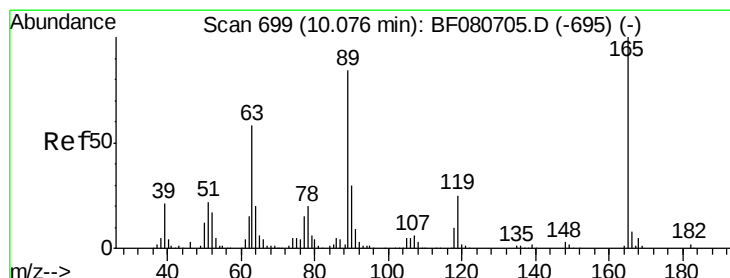
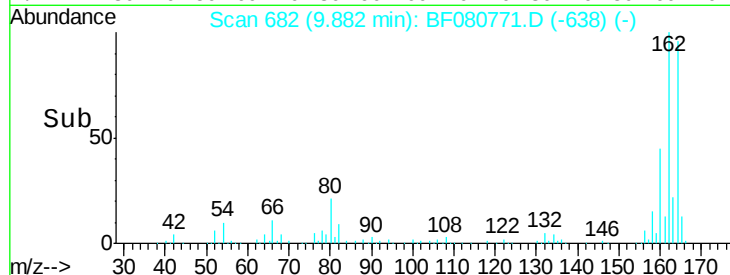
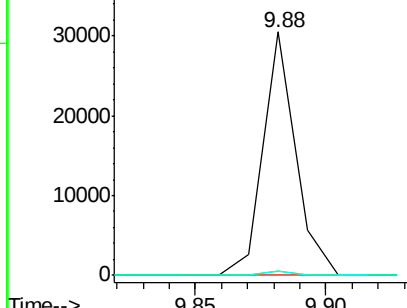
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.9	62.3	93.5#
89	1.8	54.8	82.2#



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: 6.66 ng
 RT: 9.88 min Scan# 682
 Delta R.T. -0.19 min
 Lab File: BF080771.D
 Acq: 1 Aug 2015 10:14

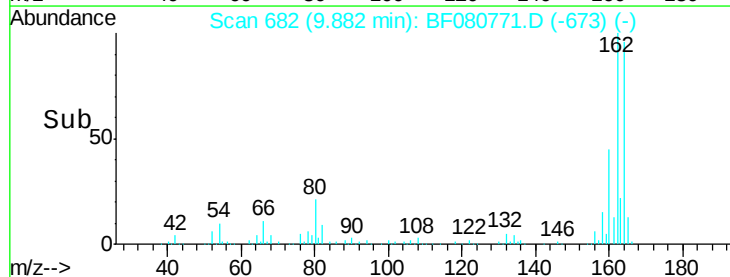
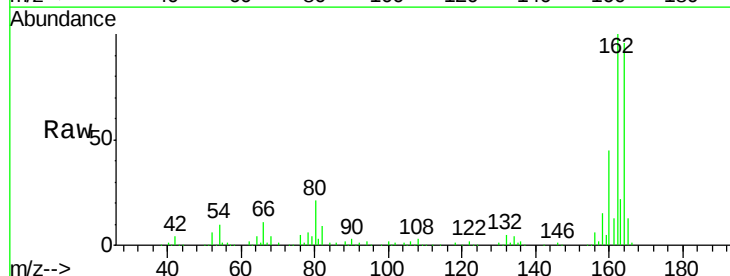
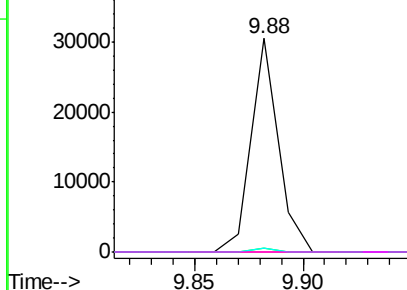
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.9	46.7	70.1#
89	1.8	67.4	101.2#
182	0.0	1.8	2.6#

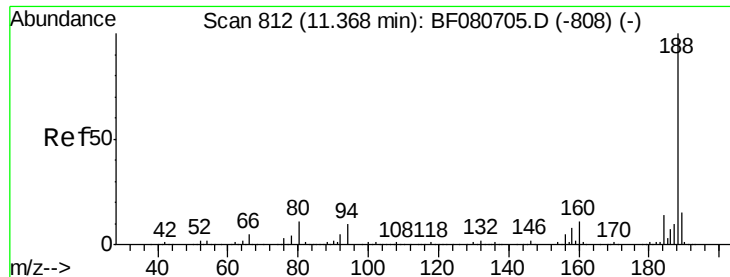
Abundance Ion 165.00 (164.70 to 165.70): E

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

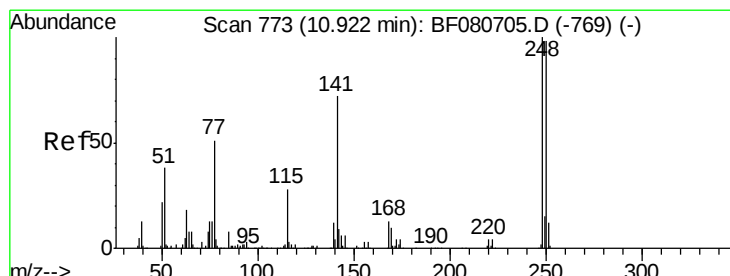
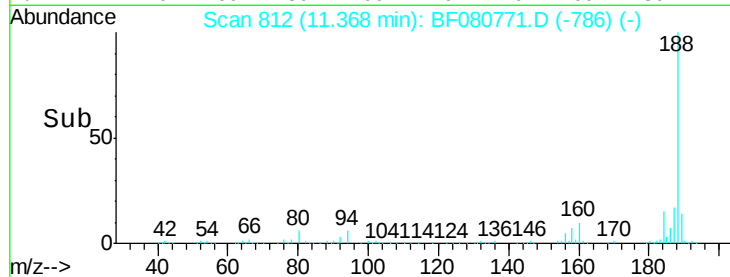
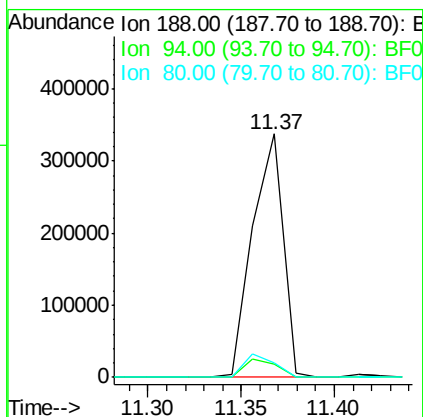
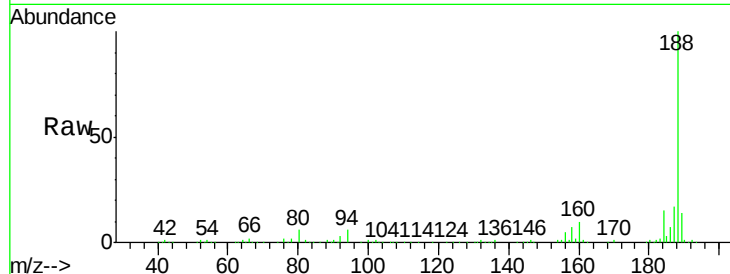




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.37 min Scan# 812
 Delta R.T. -0.00 min
 Lab File: BF080771.D
 Acq: 1 Aug 2015 10:14

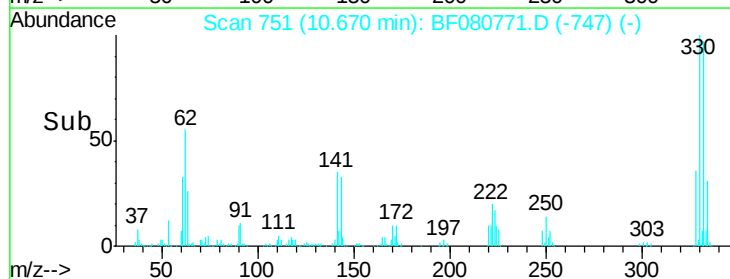
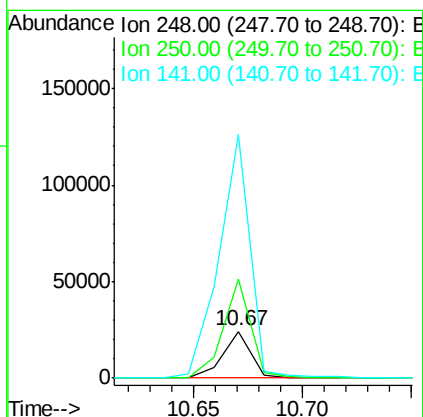
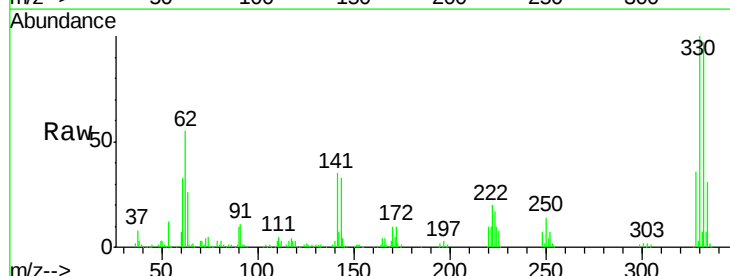
Instrument :
 BNA_F
 ClientSampleId :
 SB-2W

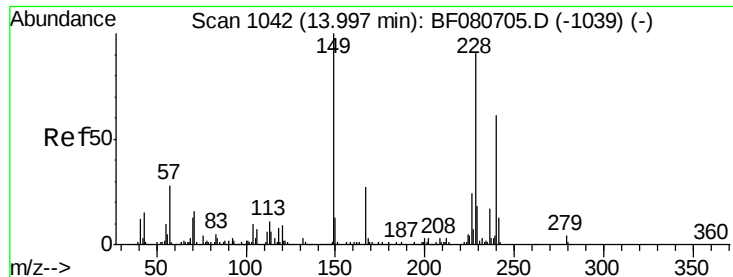
Tgt Ion:188 Resp: 384559
 Ion Ratio Lower Upper
 188 100
 94 5.6 8.1 12.1#
 80 5.8 9.1 13.7#



#66
 4-Bromophenyl-phenylether
 Concen: 5.38 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.25 min
 Lab File: BF080771.D
 Acq: 1 Aug 2015 10:14

Tgt Ion:248 Resp: 21343
 Ion Ratio Lower Upper
 248 100
 250 213.5 78.4 117.6#
 141 523.8 57.5 86.3#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.99 min Scan# 1041

Delta R.T. -0.01 min

Lab File: BF080771.D

Acq: 1 Aug 2015 10:14

Instrument :

BNA_F

ClientSampleId :

SB-2W

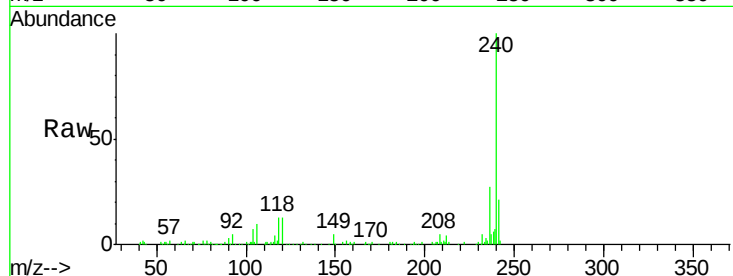
Tgt Ion:240 Resp: 243232

Ion Ratio Lower Upper

240 100

120 13.3 11.8 17.8

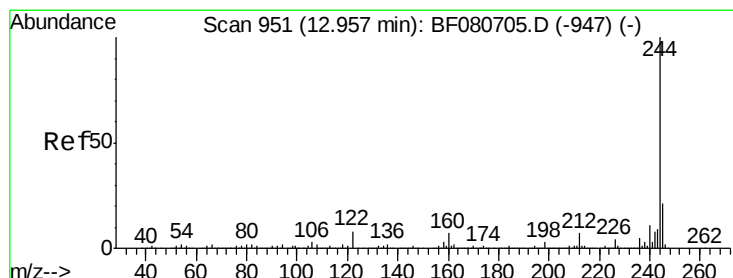
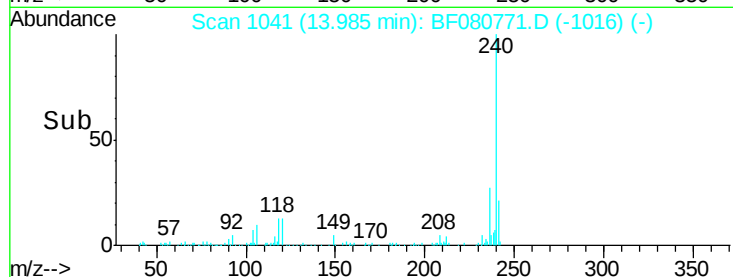
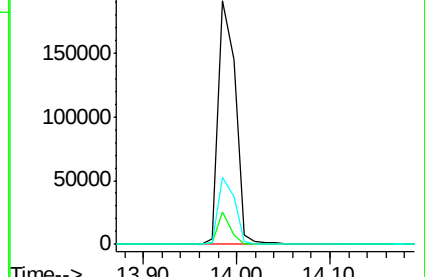
236 27.4 21.8 32.8



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: 99.25 ng

RT: 12.96 min Scan# 951

Delta R.T. -0.00 min

Lab File: BF080771.D

Acq: 1 Aug 2015 10:14

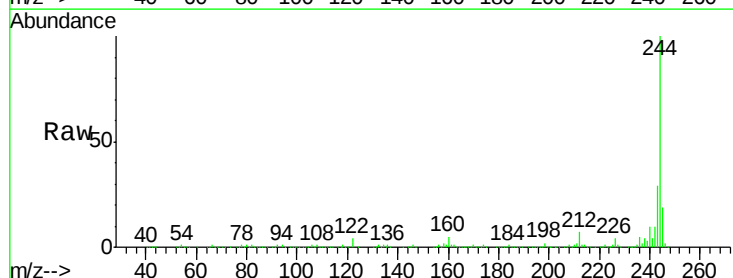
Tgt Ion:244 Resp: 1276478

Ion Ratio Lower Upper

244 100

212 6.6 5.9 8.9

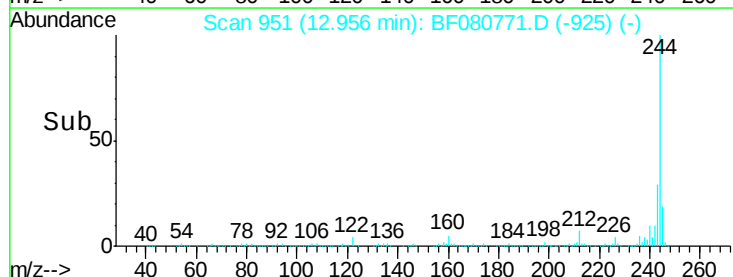
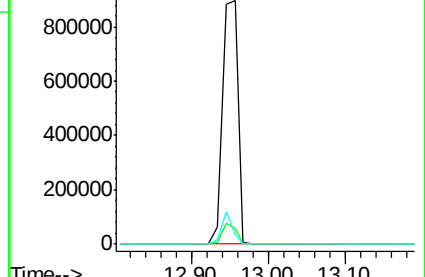
122 3.9 6.6 9.8#

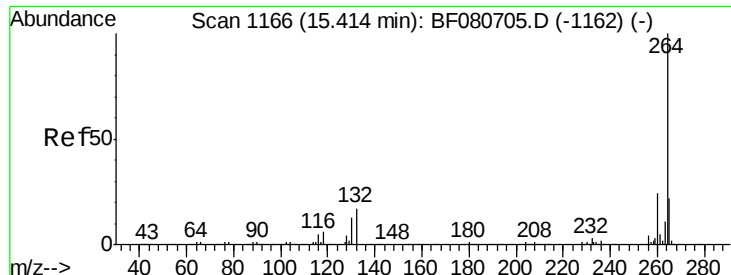


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

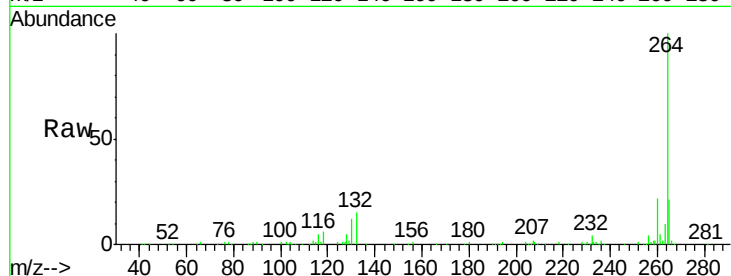




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.40 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BF080771.D
Acq: 1 Aug 2015 10:14

Instrument :
BNA_F
ClientSampleId :
SB-2W

Tgt Ion: 264 Resp: 227945
Ion Ratio Lower Upper
264 100
260 22.4 19.4 29.0
265 20.9 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

