

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070815\
 Data File : BF080394.D
 Acq On : 8 Jul 2015 18:21
 Operator : TP/UM
 Sample : PB84396BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84396BL

Quant Time: Jul 09 01:01:04 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 09 00:53:49 2015
 Response via : Initial Calibration

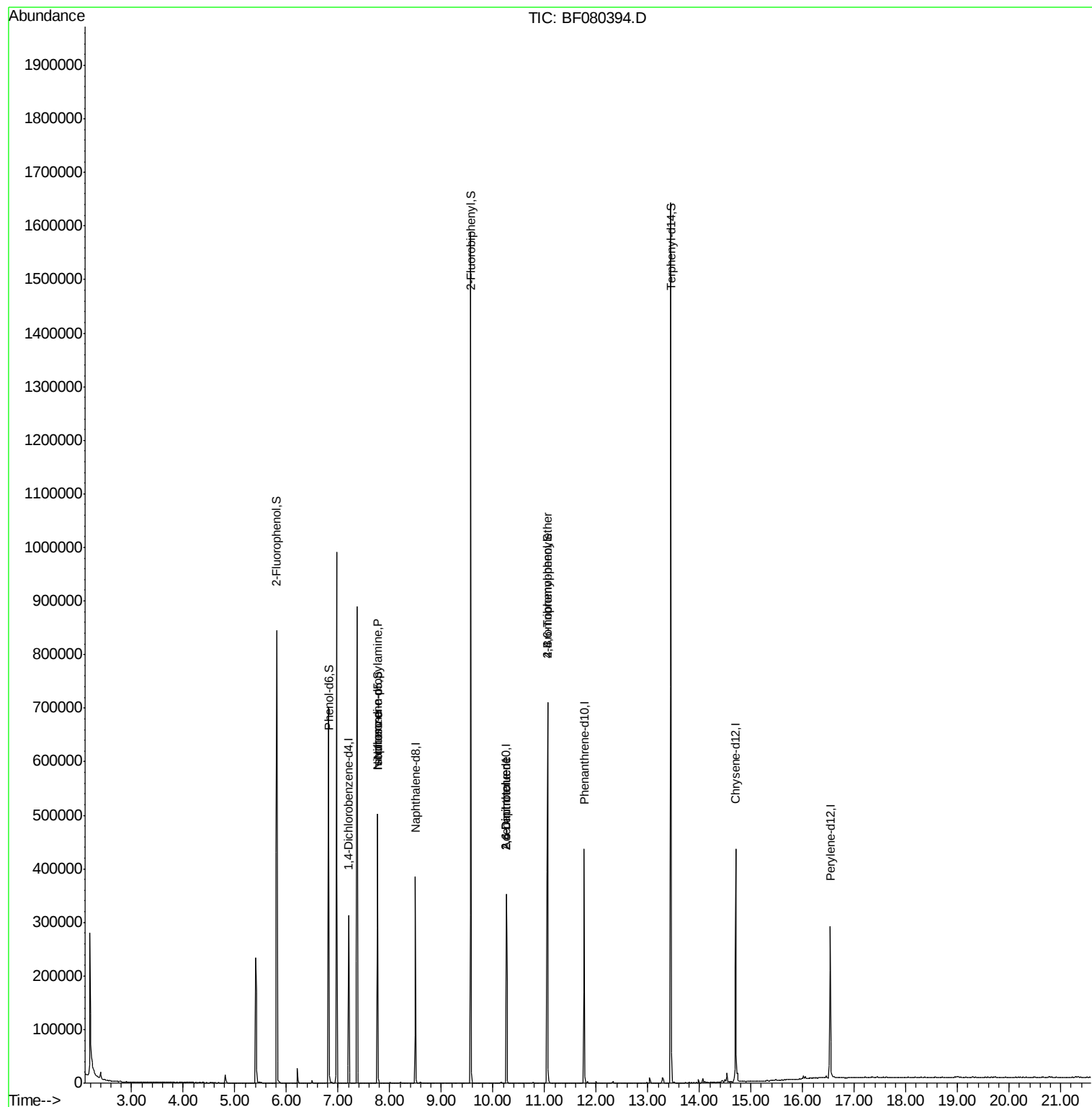
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.21	152	43474	20.00	ng	0.00
21) Naphthalene-d8	8.50	136	168319	20.00	ng	0.00
38) Acenaphthene-d10	10.26	164	81047	20.00	ng	-0.01
63) Phenanthrene-d10	11.77	188	177266	20.00	ng	-0.01
75) Chrysene-d12	14.71	240	187778	20.00	ng	-0.14
86) Perylene-d12	16.53	264	163813	20.00	ng	-0.23
System Monitoring Compounds						
5) 2-Fluorophenol	5.81	112	264925	111.61	ng	0.00
7) Phenol-d6	6.82	99	332380	105.64	ng	0.00
23) Nitrobenzene-d5	7.77	82	188683	65.38	ng	0.00
41) 2,4,6-Tribromophenol	11.06	330	98629	116.30	ng	0.00
44) 2-Fluorobiphenyl	9.57	172	468552	78.02	ng	0.00
78) Terphenyl-d14	13.45	244	607430	75.45	ng	-0.07
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.77	70	23586	11.55	ng	# 77
25) Isophorone	7.77	82	188673	33.97	ng	# 69
50) 2,6-Dinitrotoluene	10.26	165	10234	7.52	ng	# 23
56) 2,4-Dinitrotoluene	10.26	165	10231	5.85	ng	# 35
66) 4-Bromophenyl-phenylether	11.06	248	6807	3.35	ng	# 1

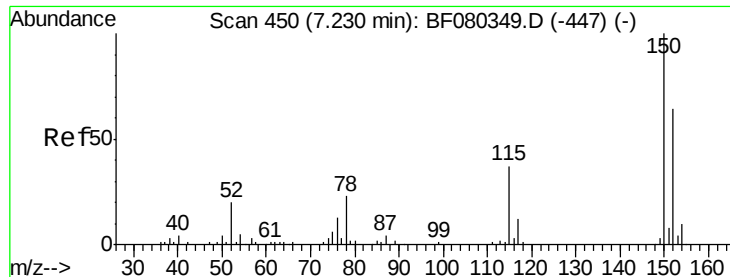
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jul 09 00:53:49 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.21 min Scan# 448

Delta R.T. 0.00 min

Lab File: BF080394.D

Acq: 8 Jul 2015 18:21

Instrument :

BNA_F

ClientSampleId :

PB84396BL

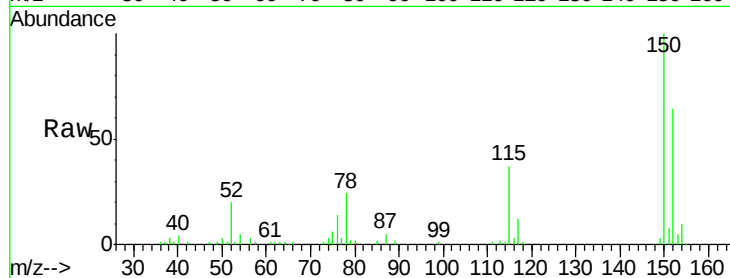
Tgt Ion:152 Resp: 43474

Ion Ratio Lower Upper

152 100

150 156.8 124.7 187.1

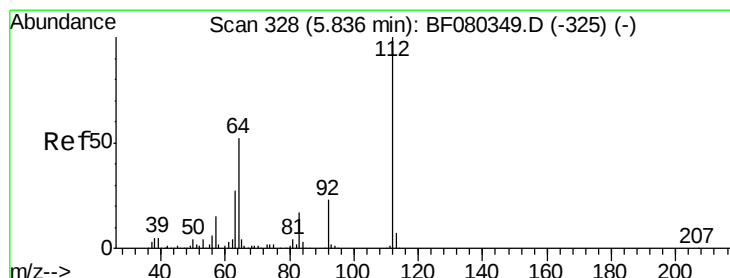
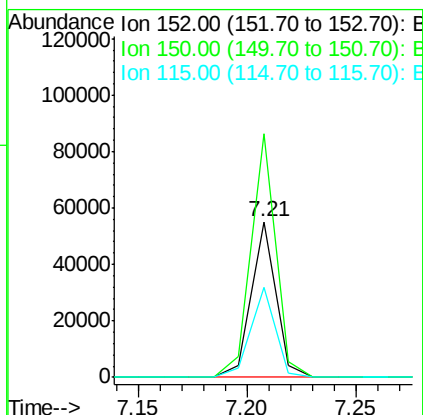
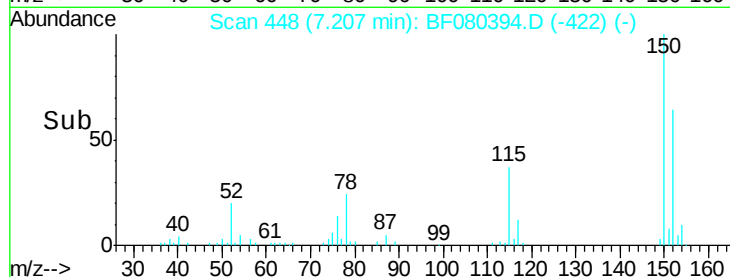
115 57.7 45.7 68.5



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: 111.61 ng

RT: 5.81 min Scan# 326

Delta R.T. 0.00 min

Lab File: BF080394.D

Acq: 8 Jul 2015 18:21

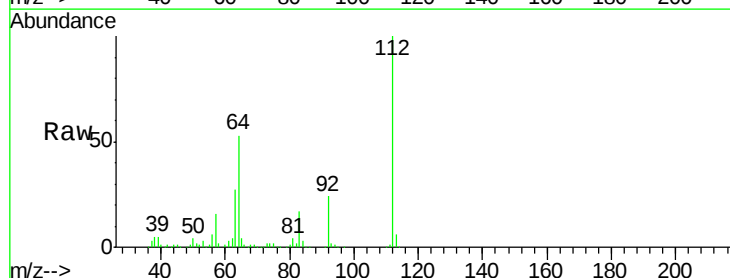
Tgt Ion:112 Resp: 264925

Ion Ratio Lower Upper

112 100

64 53.2 41.8 62.6

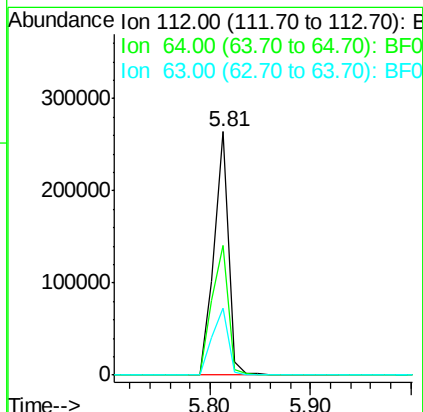
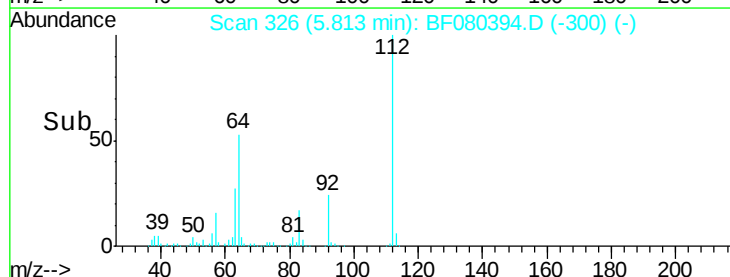
63 27.3 21.5 32.3

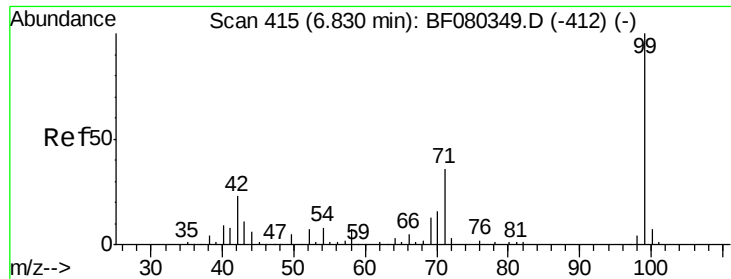


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 105.64 ng

RT: 6.82 min Scan# 414

Delta R.T. 0.00 min

Lab File: BF080394.D

Acq: 8 Jul 2015 18:21

Instrument :

BNA_F

ClientSampleId :

PB84396BL

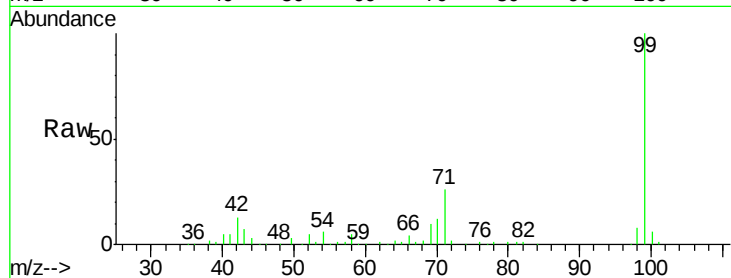
Tgt Ion: 99 Resp: 332380

Ion Ratio Lower Upper

99 100

42 12.9 18.5 27.7#

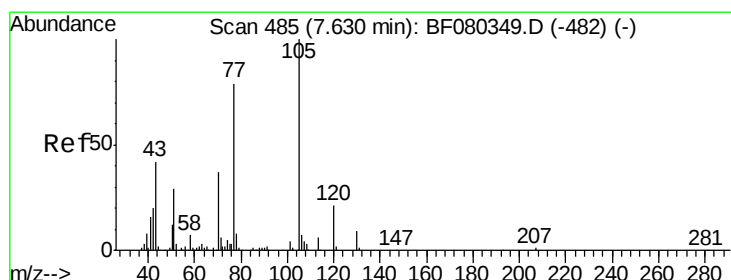
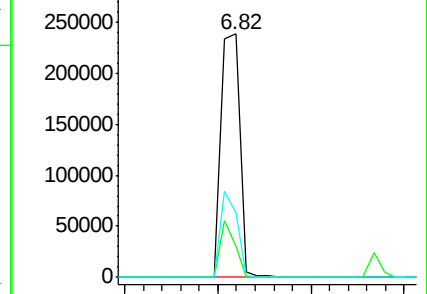
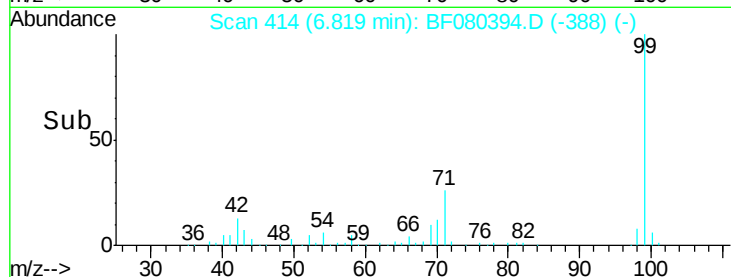
71 26.4 28.5 42.7#



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: 11.55 ng

RT: 7.77 min Scan# 497

Delta R.T. 0.16 min

Lab File: BF080394.D

Acq: 8 Jul 2015 18:21

Tgt Ion: 70 Resp: 23586

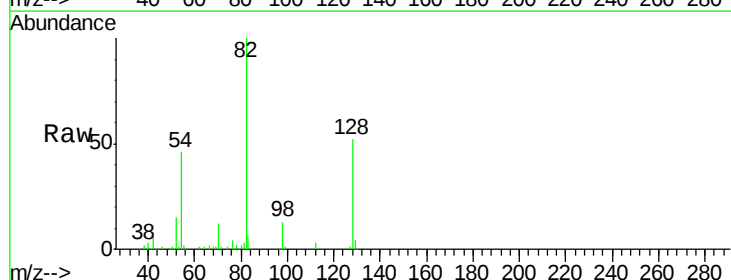
Ion Ratio Lower Upper

70 100

42 45.9 43.0 64.6

101 0.0 8.3 12.5#

130 2.3 20.2 30.2#

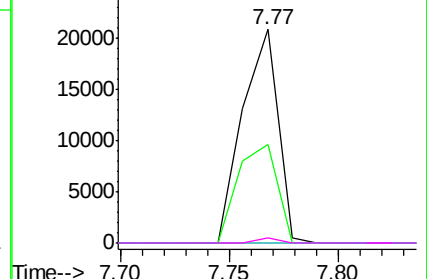
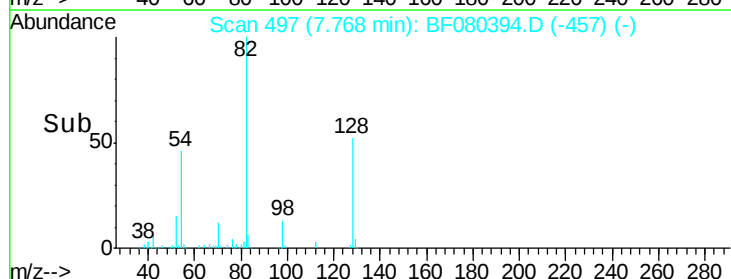


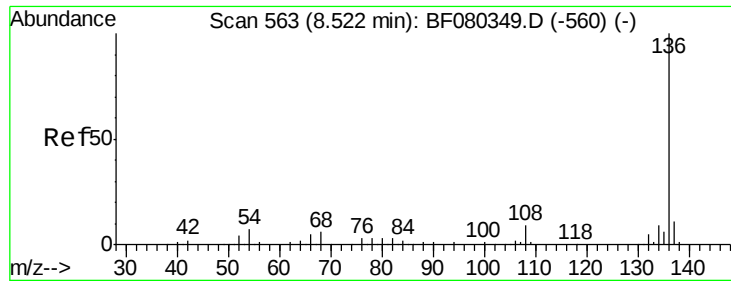
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

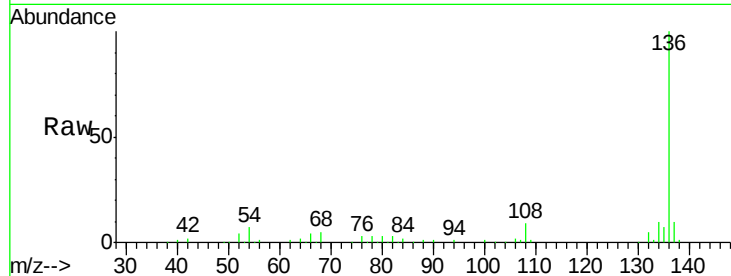




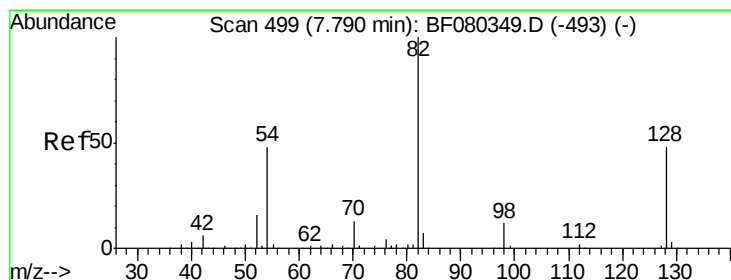
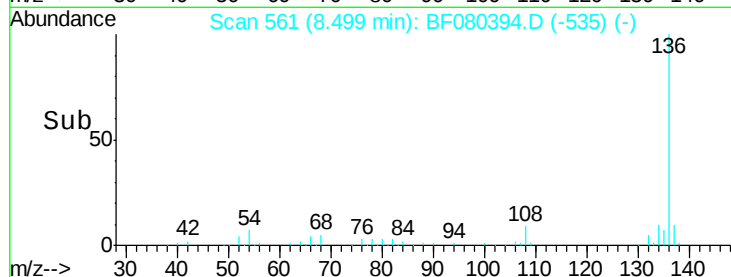
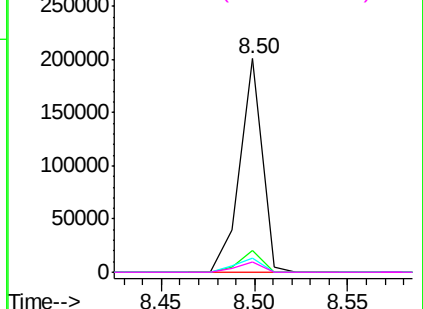
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.50 min Scan# 561
Delta R.T. 0.00 min
Lab File: BF080394.D
Acq: 8 Jul 2015 18:21

Instrument :
BNA_F
ClientSampleId :
PB84396BL

Tgt Ion:	136	Resp:	168319
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.5	12.7
54	6.6	5.8	8.8
68	5.1	4.6	6.8

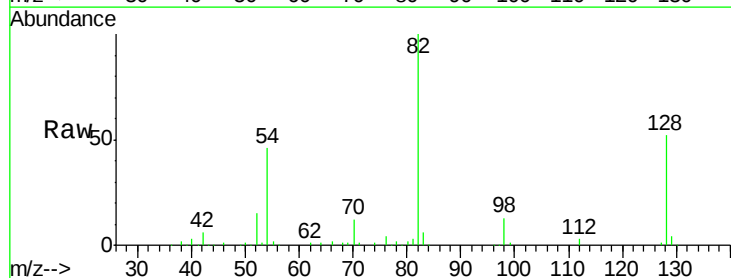


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

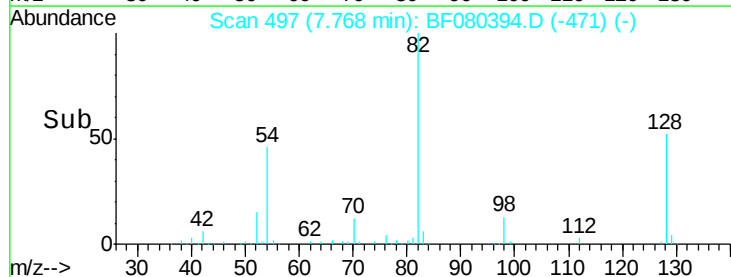
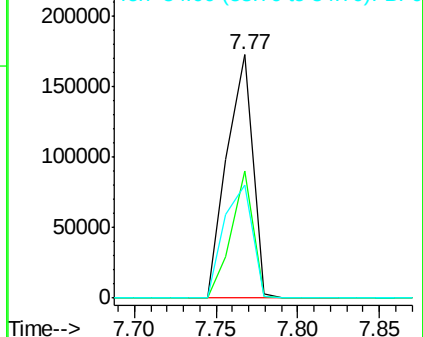


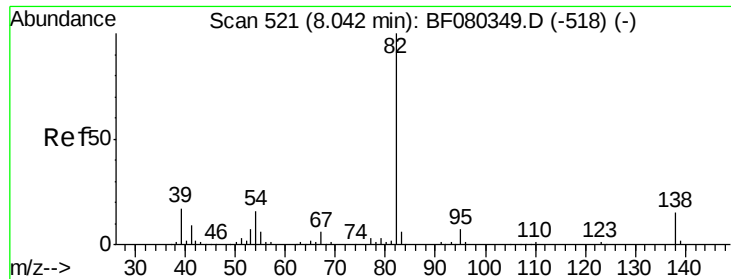
#23
Nitrobenzene-d5
Concen: 65.38 ng
RT: 7.77 min Scan# 497
Delta R.T. 0.00 min
Lab File: BF080394.D
Acq: 8 Jul 2015 18:21

Tgt Ion:	82	Resp:	188683
Ion	Ratio	Lower	Upper
82	100		
128	52.0	38.4	57.6
54	46.4	38.2	57.2



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: 33.97 ng

RT: 7.77 min Scan# 497

Delta R.T. -0.25 min

Lab File: BF080394.D

Acq: 8 Jul 2015 18:21

Instrument :

BNA_F

ClientSampleId :

PB84396BL

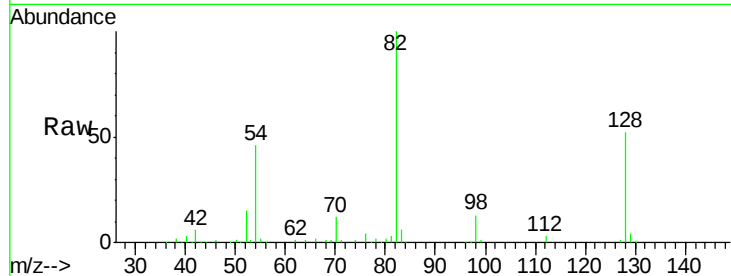
Tgt Ion: 82 Resp: 188673

Ion Ratio Lower Upper

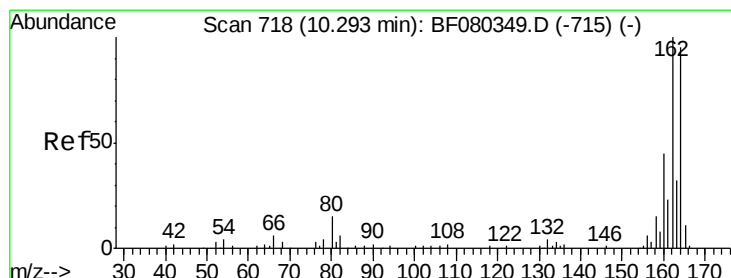
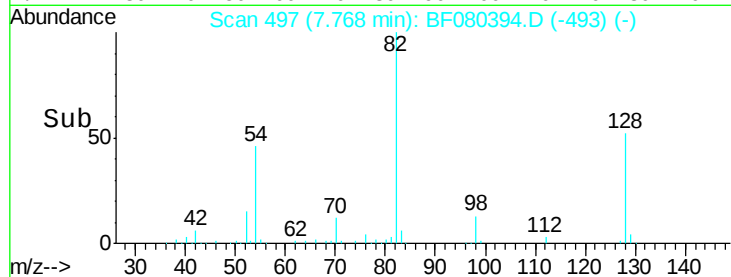
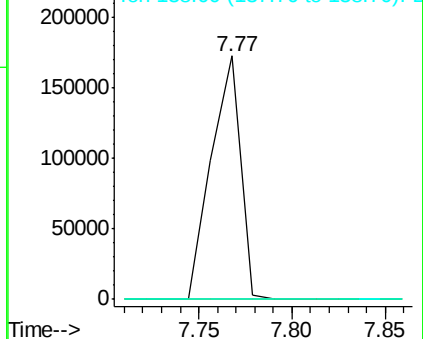
82 100

95 0.0 5.2 7.8#

138 0.0 12.0 18.0#



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: 10.26 min Scan# 715

Delta R.T. -0.01 min

Lab File: BF080394.D

Acq: 8 Jul 2015 18:21

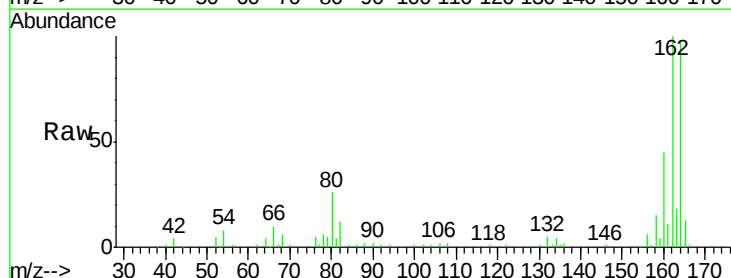
Tgt Ion: 164 Resp: 81047

Ion Ratio Lower Upper

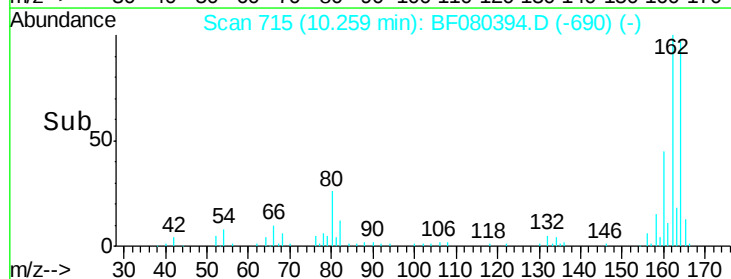
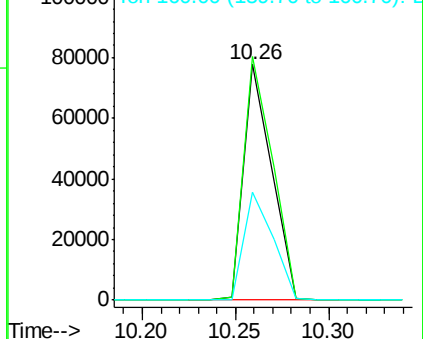
164 100

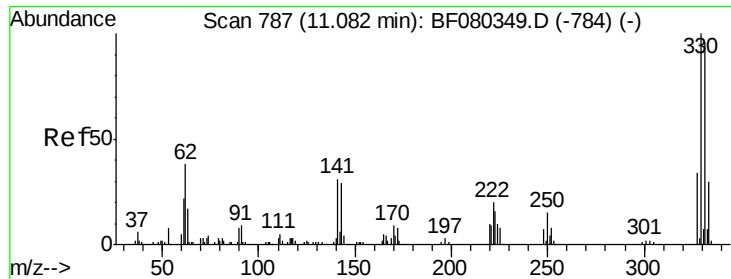
162 103.2 84.5 126.7

160 46.0 37.7 56.5



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

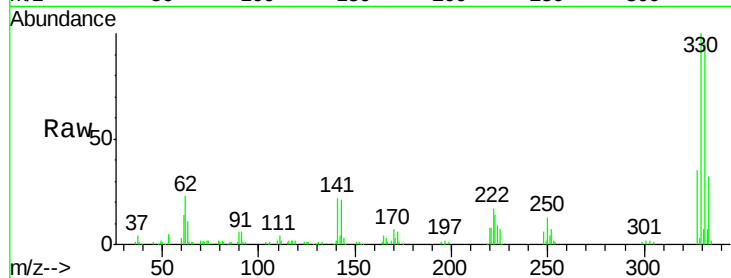




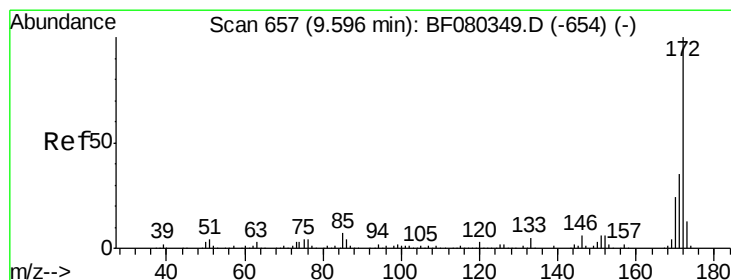
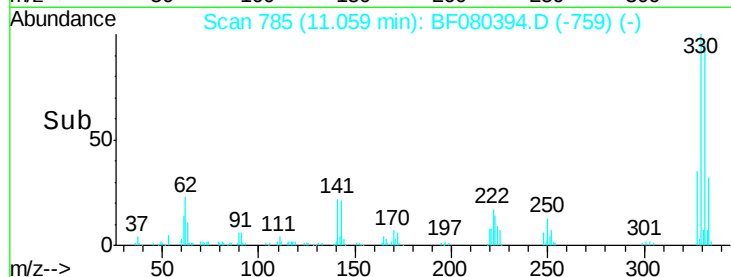
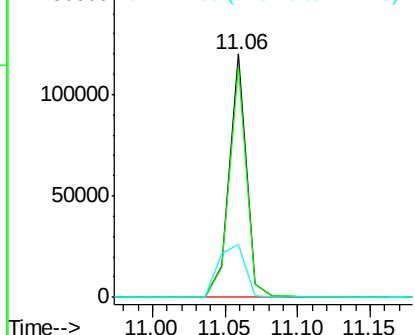
#41
 2,4,6-Tribromophenol
 Concen: 116.30 ng
 RT: 11.06 min Scan# 785
 Delta R.T. 0.00 min
 Lab File: BF080394.D
 Acq: 8 Jul 2015 18:21

Instrument :
 BNA_F
 ClientSampleId :
 PB84396BL

Tgt Ion:330 Resp: 98629
 Ion Ratio Lower Upper
 330 100
 332 95.0 77.0 115.4
 141 34.4 29.6 44.4

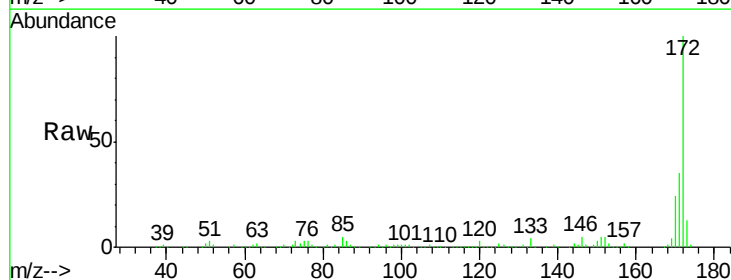


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

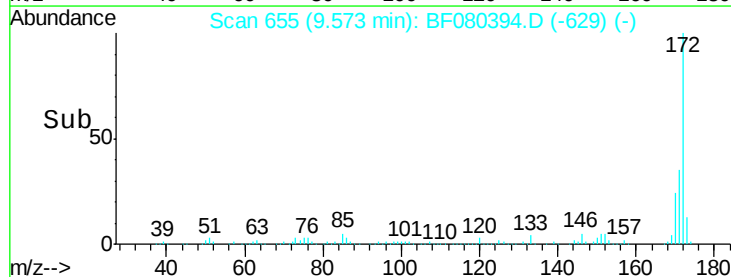
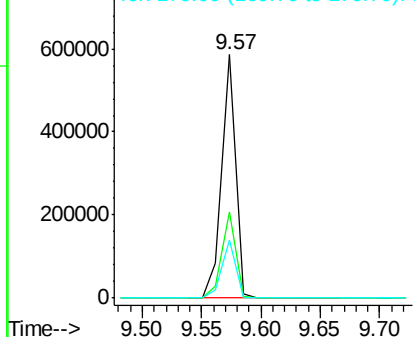


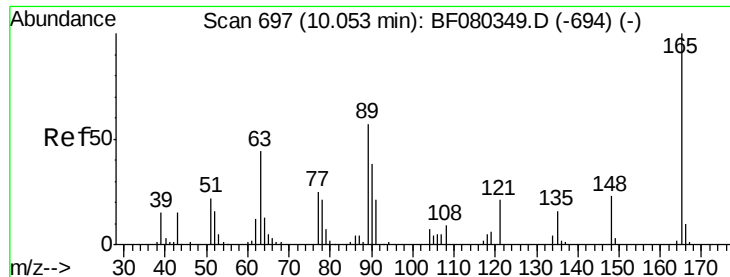
#44
 2-Fluorobiphenyl
 Concen: 78.02 ng
 RT: 9.57 min Scan# 655
 Delta R.T. 0.00 min
 Lab File: BF080394.D
 Acq: 8 Jul 2015 18:21

Tgt Ion:172 Resp: 468552
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.3 42.5
 170 23.9 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

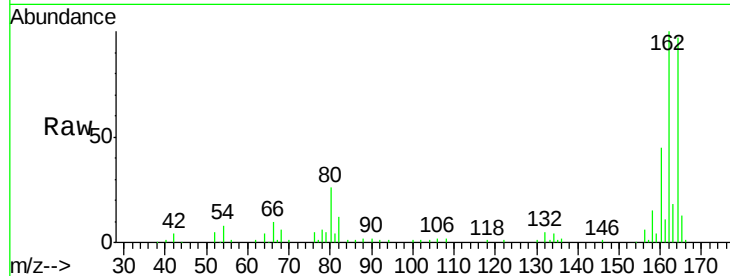




#50
2,6-Dinitrotoluene
Concen: 7.52 ng
RT: 10.26 min Scan# 715
Delta R.T. 0.23 min
Lab File: BF080394.D
Acq: 8 Jul 2015 18:21

Instrument :
BNA_F
ClientSampleId :
PB84396BL

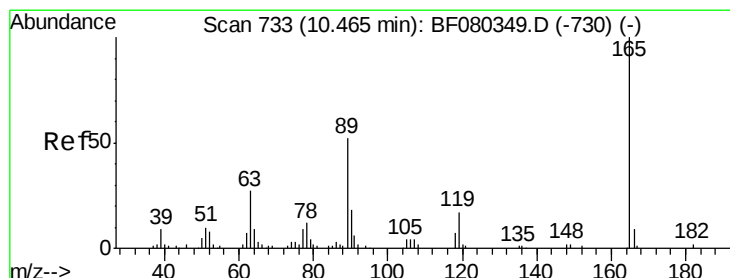
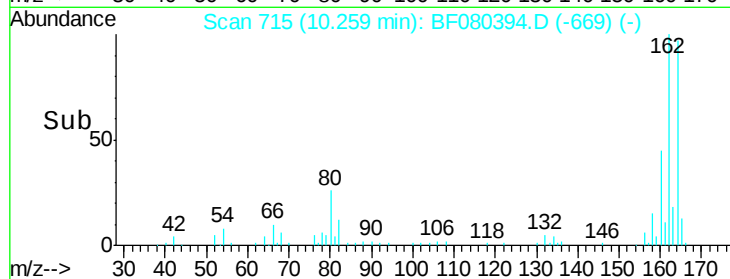
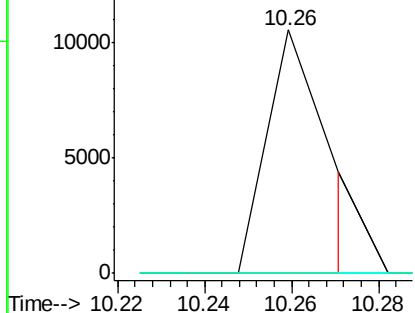
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.8	67.2#
89	0.0	45.9	68.9#



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



#56
2,4-Dinitrotoluene
Concen: 5.85 ng
RT: 10.26 min Scan# 715
Delta R.T. -0.18 min
Lab File: BF080394.D
Acq: 8 Jul 2015 18:21

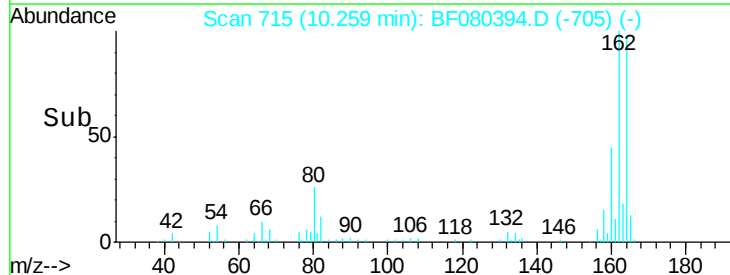
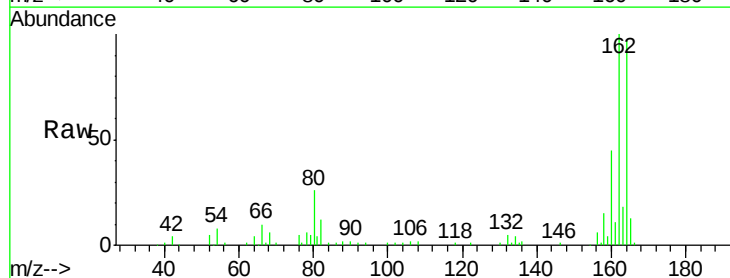
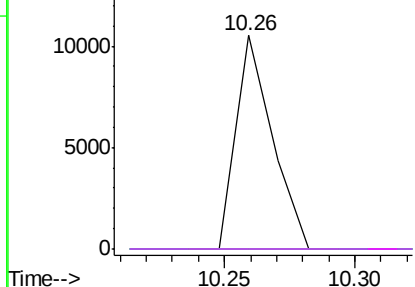
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	21.8	32.8#
89	0.0	41.3	61.9#
182	0.0	1.8	2.6#

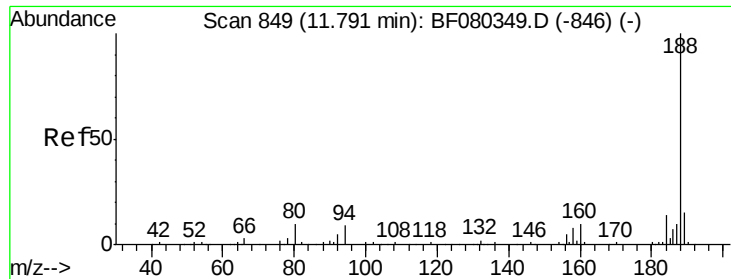
Abundance Ion 165.00 (164.70 to 165.70): E

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

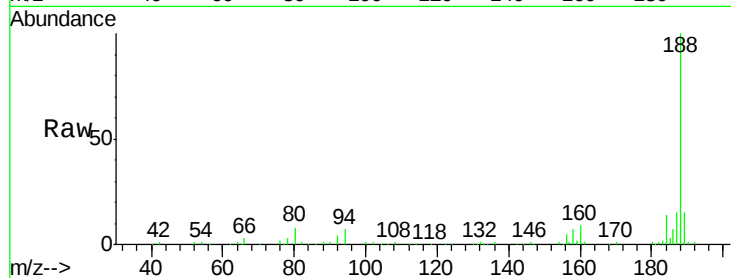




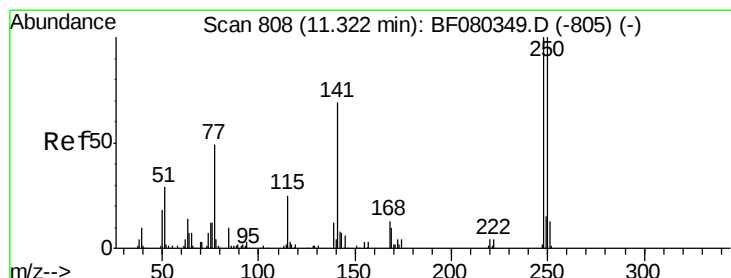
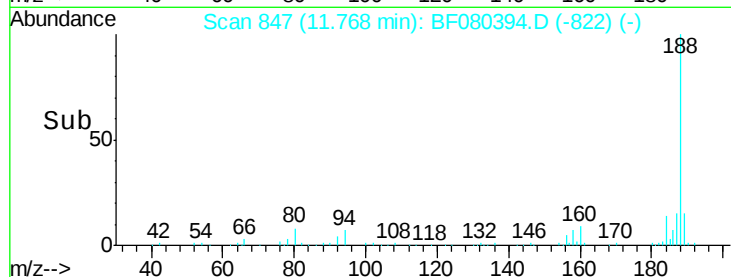
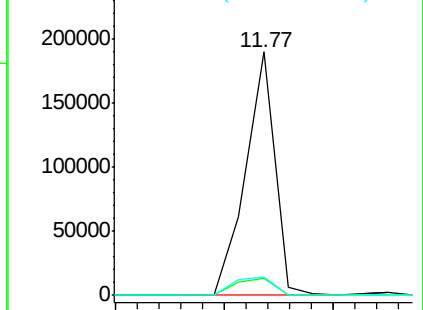
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.77 min Scan# 847
 Delta R.T. -0.01 min
 Lab File: BF080394.D
 Acq: 8 Jul 2015 18:21

Instrument :
 BNA_F
 ClientSampleId :
 PB84396BL

Tgt Ion:188 Resp: 177266
 Ion Ratio Lower Upper
 188 100
 94 6.8 7.5 11.3#
 80 7.7 8.3 12.5#

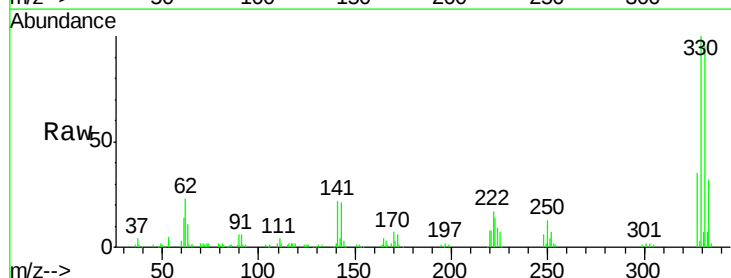


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

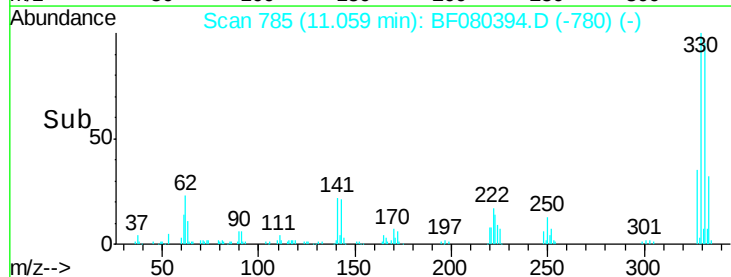
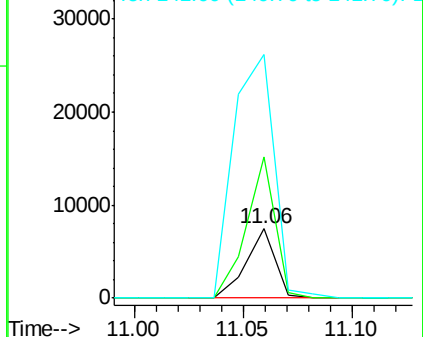


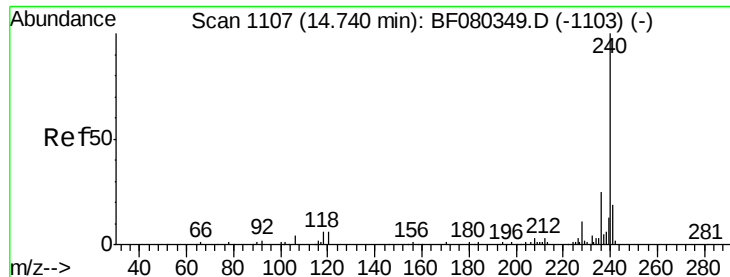
#66
 4-Bromophenyl-phenylether
 Concen: 3.35 ng
 RT: 11.06 min Scan# 785
 Delta R.T. -0.24 min
 Lab File: BF080394.D
 Acq: 8 Jul 2015 18:21

Tgt Ion:248 Resp: 6807
 Ion Ratio Lower Upper
 248 100
 250 205.7 80.0 120.0#
 141 353.1 54.8 82.2#



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: 14.71 min Scan# 1104

Delta R.T. -0.14 min

Lab File: BF080394.D

Acq: 8 Jul 2015 18:21

Instrument :

BNA_F

ClientSampleId :

PB84396BL

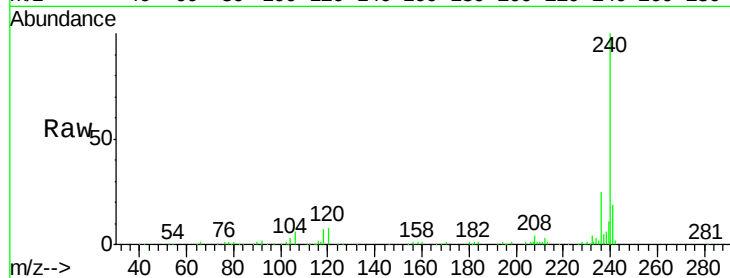
Tgt Ion:240 Resp: 187778

Ion Ratio Lower Upper

240 100

120 8.5 5.1 7.7#

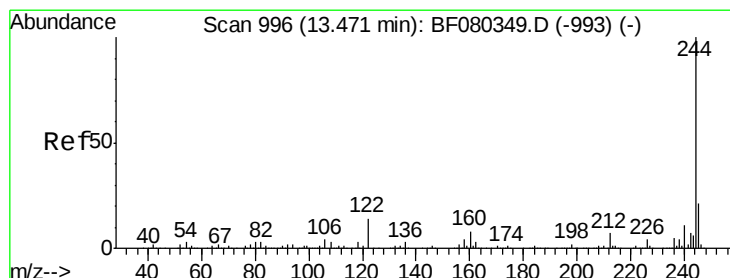
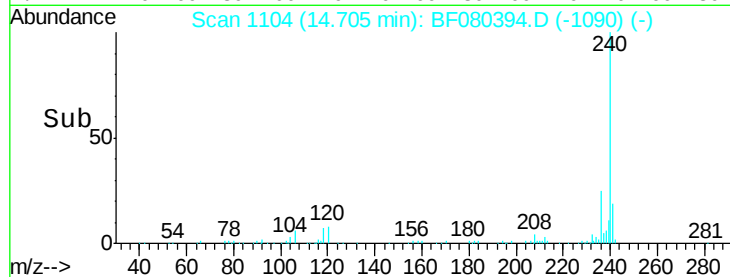
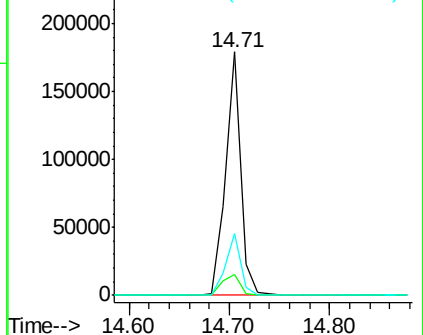
236 25.2 20.4 30.6



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: 75.45 ng

RT: 13.45 min Scan# 994

Delta R.T. -0.07 min

Lab File: BF080394.D

Acq: 8 Jul 2015 18:21

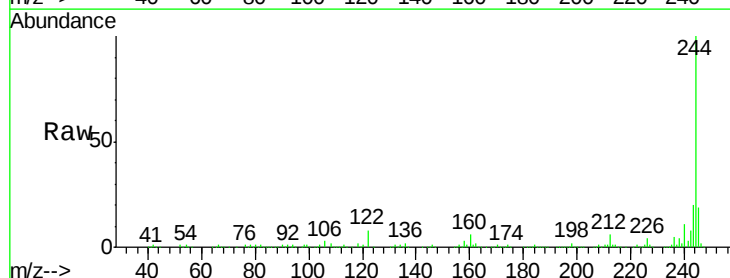
Tgt Ion:244 Resp: 607430

Ion Ratio Lower Upper

244 100

212 6.5 5.8 8.8

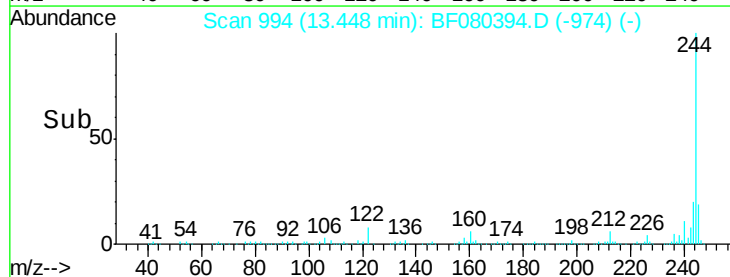
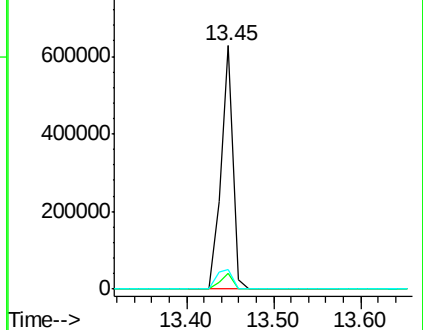
122 8.1 11.1 16.7#

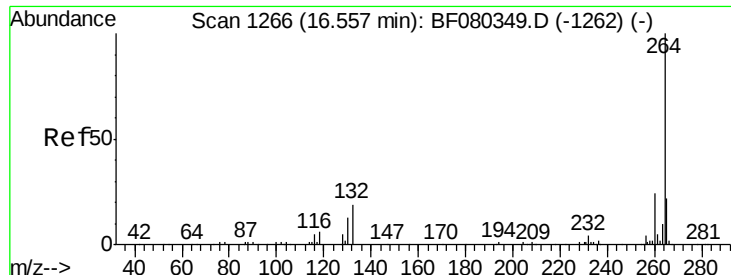


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

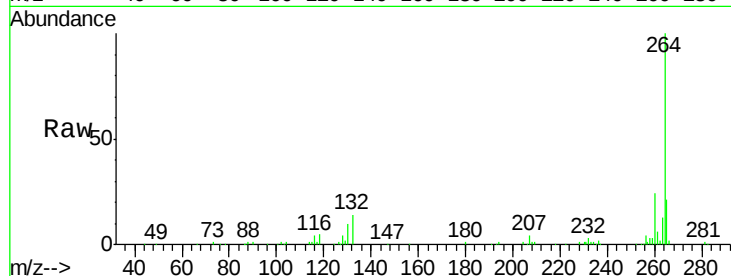




#86
Perylene-d12
Concen: 20.00 ng
RT: 16.53 min Scan# 1264
Delta R.T. -0.23 min
Lab File: BF080394.D
Acq: 8 Jul 2015 18:21

Instrument :
BNA_F
ClientSampleId :
PB84396BL

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	20.7	17.6	26.4



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

