

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071715\
 Data File : BF080544.D
 Acq On : 17 Jul 2015 20:26
 Operator : TP/UM
 Sample : PB84565BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84565BL

Quant Time: Jul 18 01:01:03 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 18 00:40:00 2015
 Response via : Initial Calibration

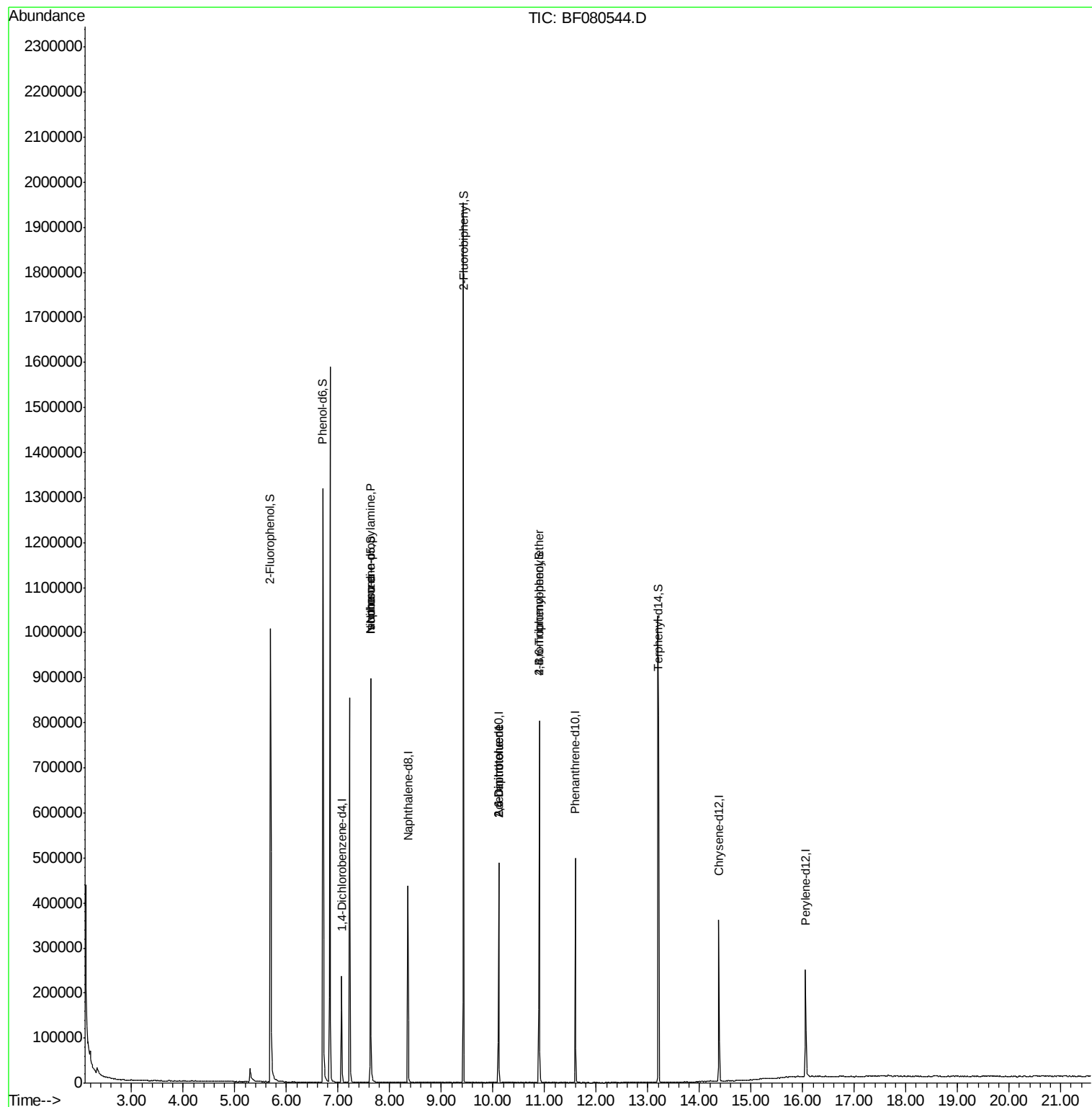
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.07	152	48224	20.00	ng	0.00
21) Naphthalene-d8	8.35	136	200170	20.00	ng	0.00
38) Acenaphthene-d10	10.11	164	89803	20.00	ng	0.00
63) Phenanthrene-d10	11.60	188	169685	20.00	ng	0.00
75) Chrysene-d12	14.37	240	126830	20.00	ng	0.02
86) Perylene-d12	16.05	264	113835	20.00	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	341614	110.45	ng	0.00
7) Phenol-d6	6.70	99	420713	119.52	ng	0.00
23) Nitrobenzene-d5	7.63	82	245677	78.25	ng	0.00
41) 2,4,6-Tribromophenol	10.90	330	86308	107.40	ng	0.00
44) 2-Fluorobiphenyl	9.42	172	523893	81.94	ng	0.00
78) Terphenyl-d14	13.21	244	438077	77.13	ng	0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.63	70	31080	18.25	ng	# 81
25) Isophorone	7.63	82	245673	40.99	ng	# 65
47) 2-Nitroaniline	9.42	65	568	Below Cal		# 1
50) 2,6-Dinitrotoluene	10.11	165	10890	11.31	ng	# 6
56) 2,4-Dinitrotoluene	10.11	165	10890	8.63	ng	# 27
66) 4-Bromophenyl-phenylether	10.90	248	5693	3.66	ng	# 1

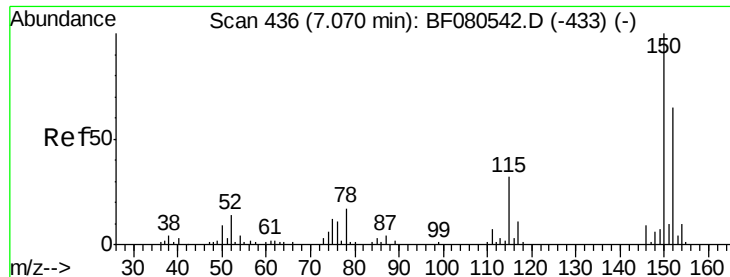
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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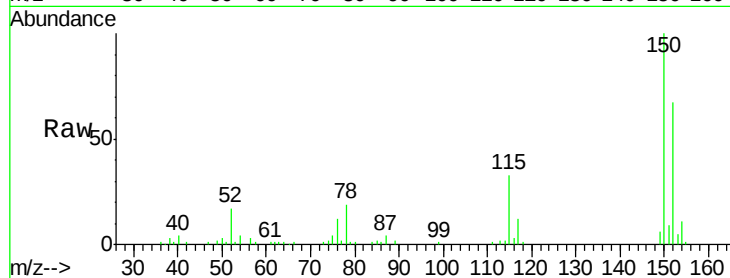


#1

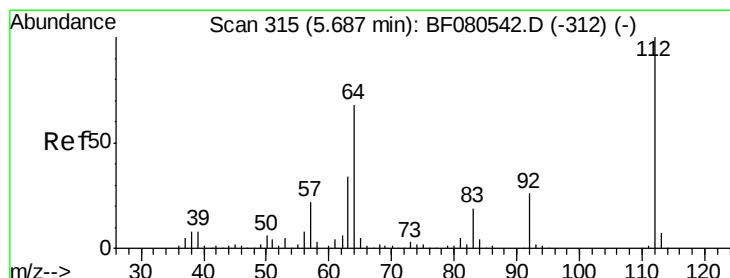
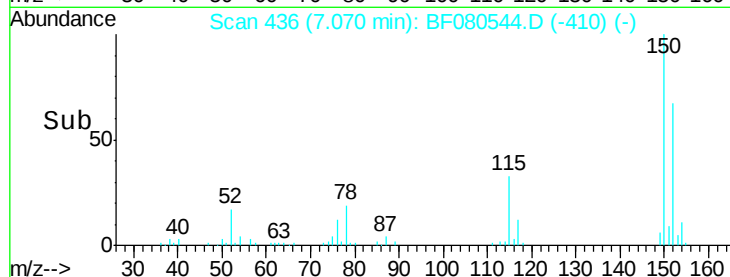
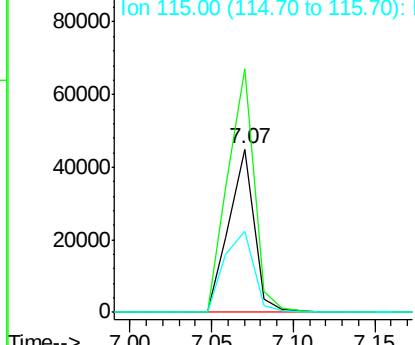
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.07 min Scan# 436
Delta R.T. -0.00 min
Lab File: BF080544.D
Acq: 17 Jul 2015 20:26

Instrument :
BNA_F
ClientSampleId :
PB84565BL

Tot Ion:152 Resp: 48224
Ion Ratio Lower Upper
152 100
150 149.3 123.0 184.4
115 50.0 39.9 59.9



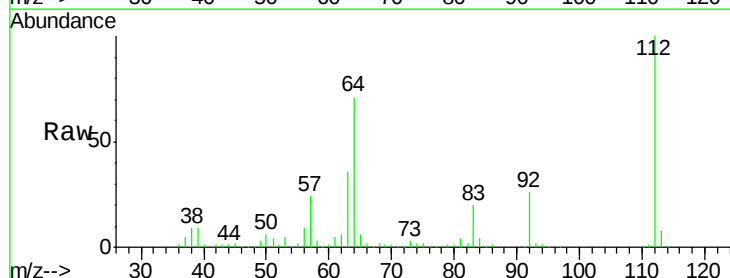
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



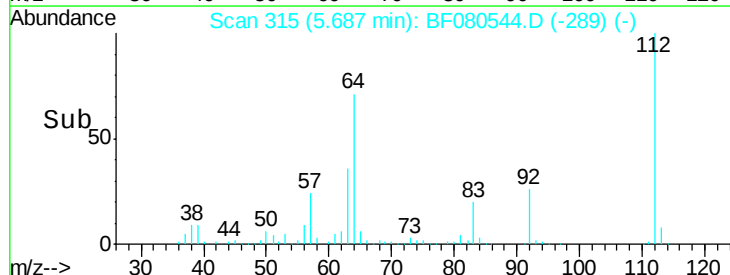
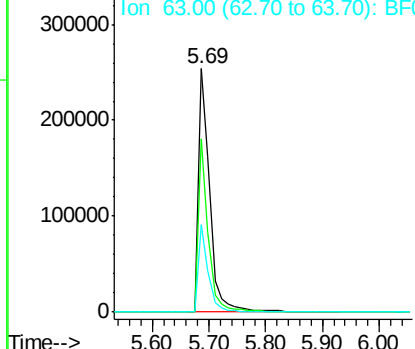
#5

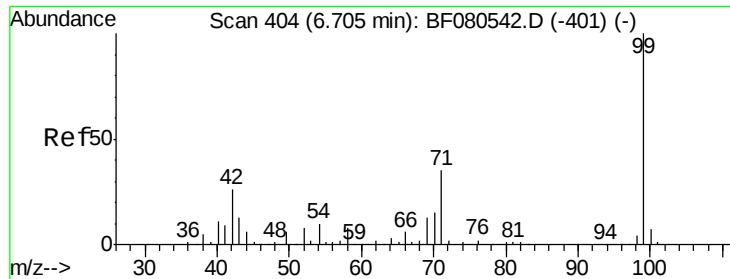
2-Fluorophenol
Concen: 110.45 ng
RT: 5.69 min Scan# 315
Delta R.T. 0.00 min
Lab File: BF080544.D
Acq: 17 Jul 2015 20:26

Tgt Ion:112 Resp: 341614
Ion Ratio Lower Upper
112 100
64 70.9 54.1 81.1
63 35.8 27.6 41.4



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: 119.52 ng

RT: 6.70 min Scan# 404

Delta R.T. -0.00 min

Lab File: BF080544.D

Acq: 17 Jul 2015 20:26

Instrument :

BNA_F

ClientSampleId :

PB84565BL

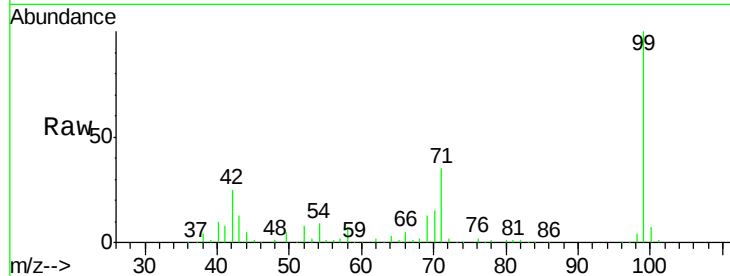
Tot Ion: 99 Resp: 420713

Ion Ratio Lower Upper

99 100

42 24.6 21.0 31.4

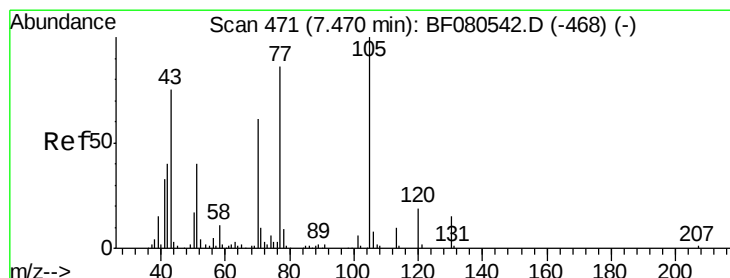
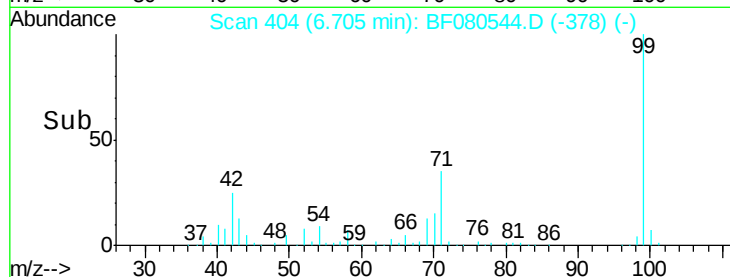
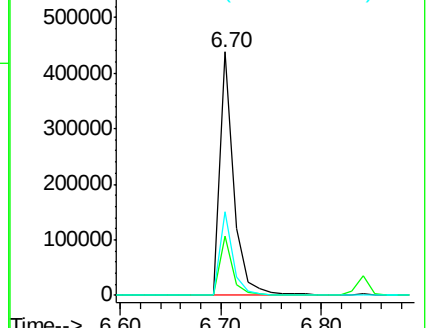
71 34.6 28.4 42.6



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



#19

n-Nitroso-di-n-propylamine

Concen: 18.25 ng

RT: 7.63 min Scan# 485

Delta R.T. 0.16 min

Lab File: BF080544.D

Acq: 17 Jul 2015 20:26

Tgt Ion: 70 Resp: 31080

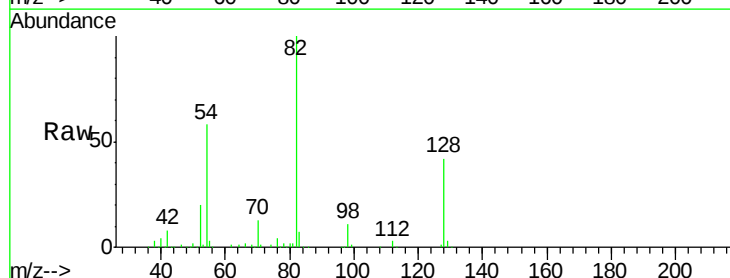
Ion Ratio Lower Upper

70 100

42 59.7 52.6 78.8

101 0.0 8.3 12.5#

130 2.5 19.6 29.4#

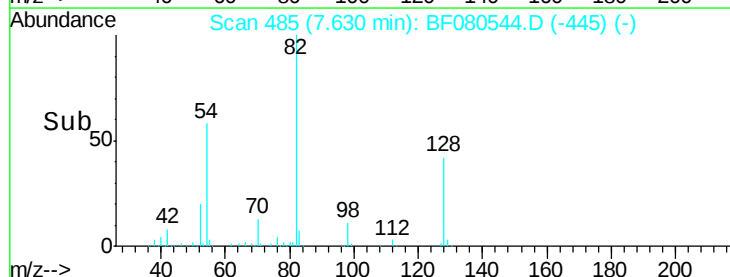
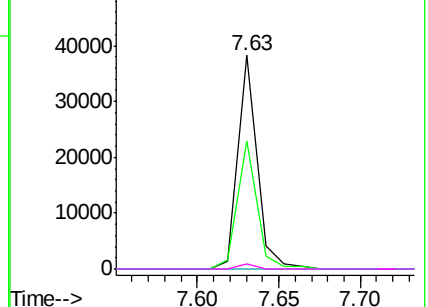


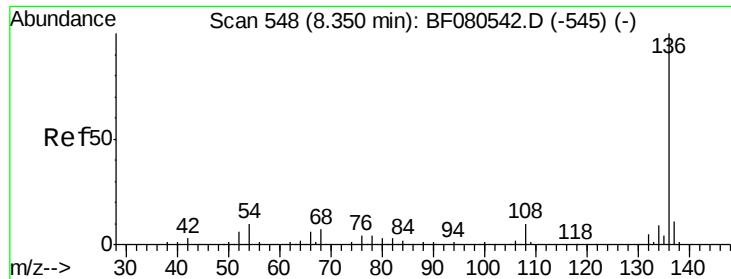
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 8.35 min Scan# 548

Delta R.T. -0.00 min

Lab File: BF080544.D

Acq: 17 Jul 2015 20:26

Instrument :

BNA_F

ClientSampleId :

PB84565BL

Tot Ion:136 Resp: 200170

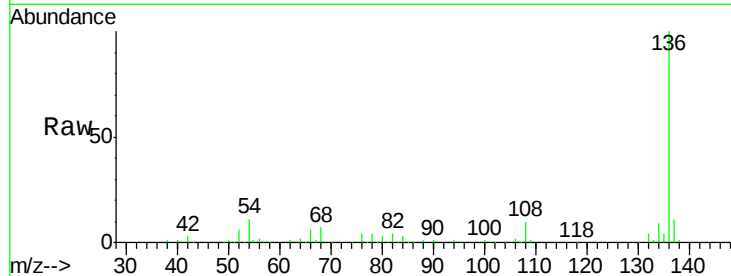
Ion Ratio Lower Upper

136 100

137 11.4 8.7 13.1

54 10.9 8.3 12.5

68 6.9 5.4 8.2

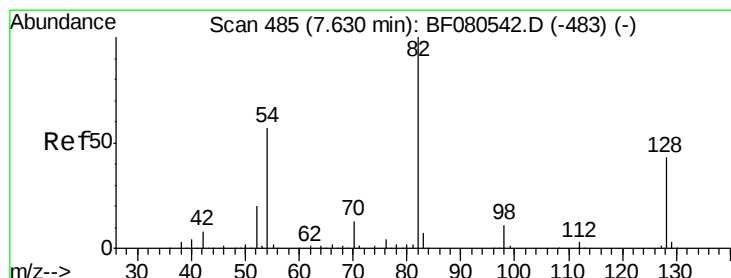
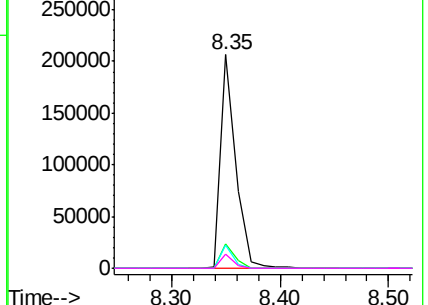
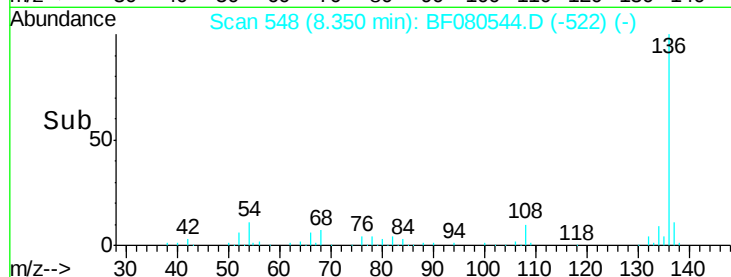


Abundance Ion 136.00 (135.70 to 136.70): B

Ion 137.00 (136.70 to 137.70): B

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 78.25 ng

RT: 7.63 min Scan# 485

Delta R.T. -0.00 min

Lab File: BF080544.D

Acq: 17 Jul 2015 20:26

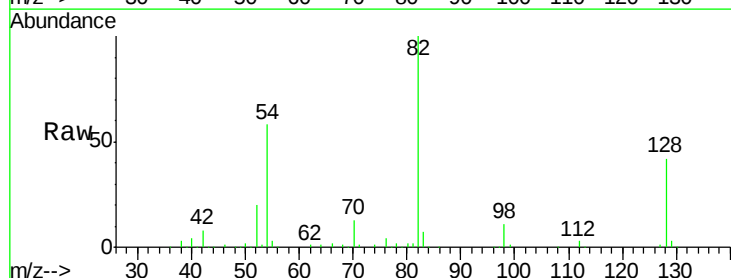
Tgt Ion: 82 Resp: 245677

Ion Ratio Lower Upper

82 100

128 42.4 34.6 51.8

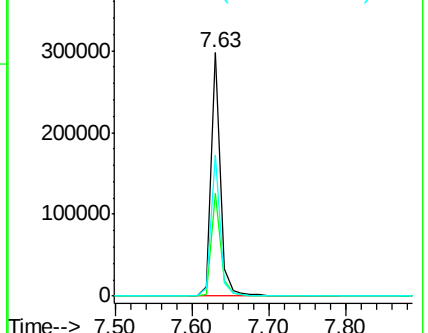
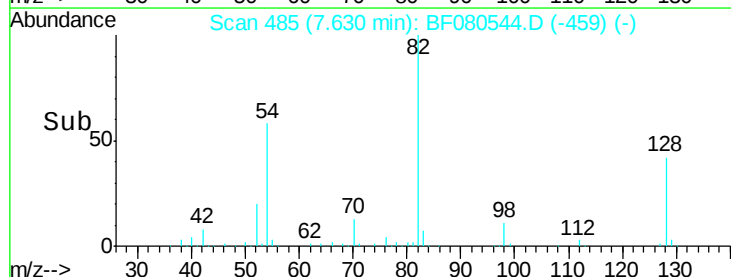
54 58.0 45.8 68.6

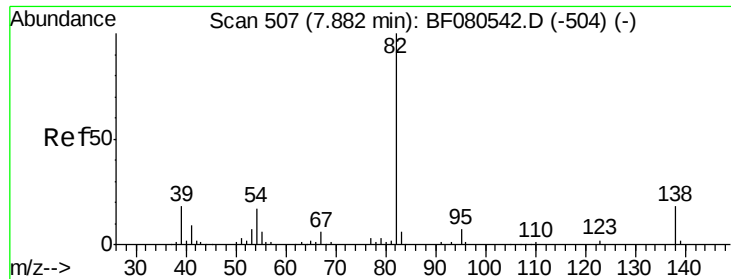


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): B

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 40.99 ng

RT: 7.63 min Scan# 485

Delta R.T. -0.25 min

Lab File: BF080544.D

Acq: 17 Jul 2015 20:26

Instrument :

BNA_F

ClientSampleId :

PB84565BL

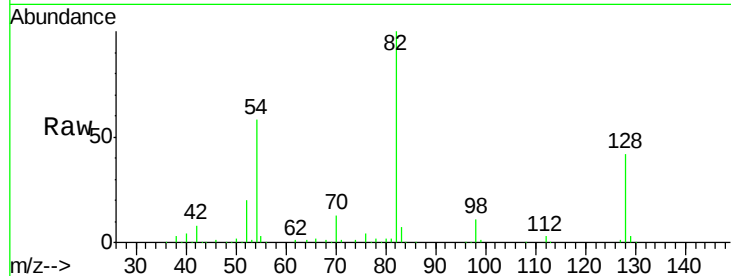
Tot Ion: 82 Resp: 245673

Ion Ratio Lower Upper

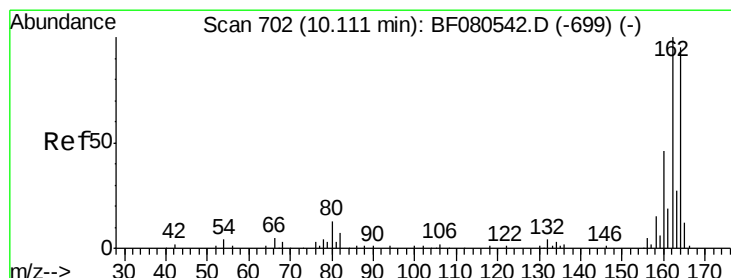
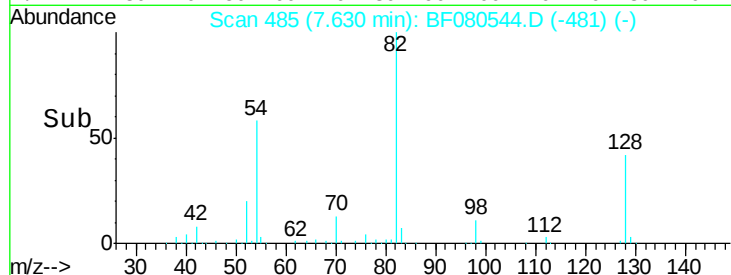
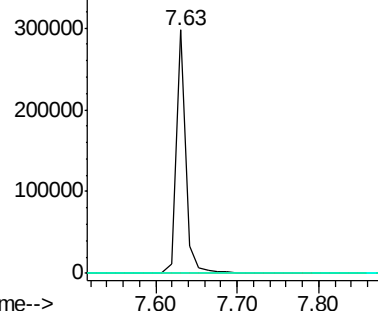
82 100

95 0.0 5.5 8.3#

138 0.0 14.7 22.1#



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: 10.11 min Scan# 702

Delta R.T. -0.00 min

Lab File: BF080544.D

Acq: 17 Jul 2015 20:26

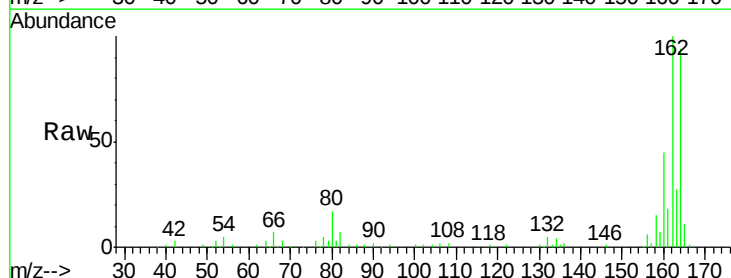
Tgt Ion:164 Resp: 89803

Ion Ratio Lower Upper

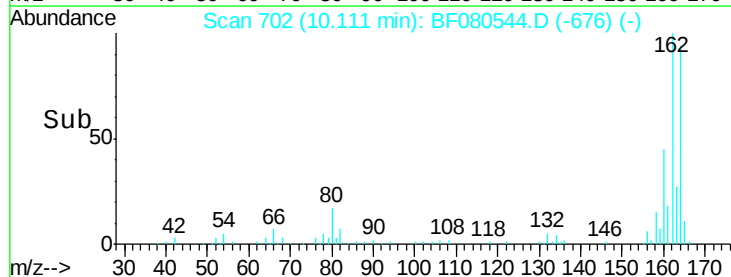
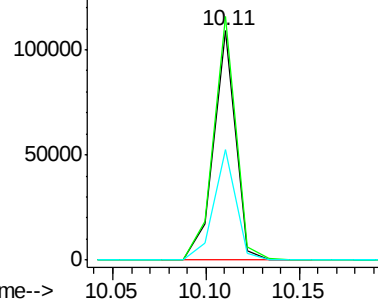
164 100

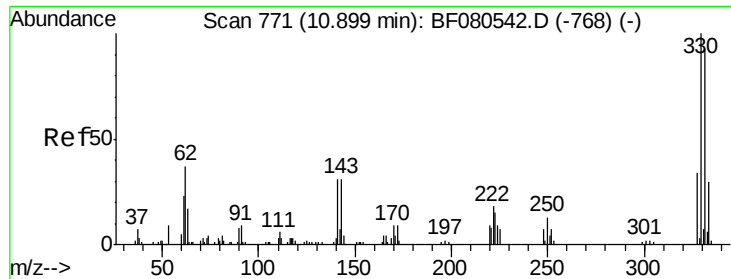
162 106.1 84.1 126.1

160 48.2 38.8 58.2



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

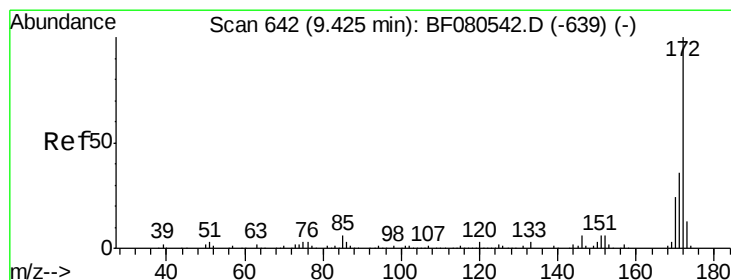
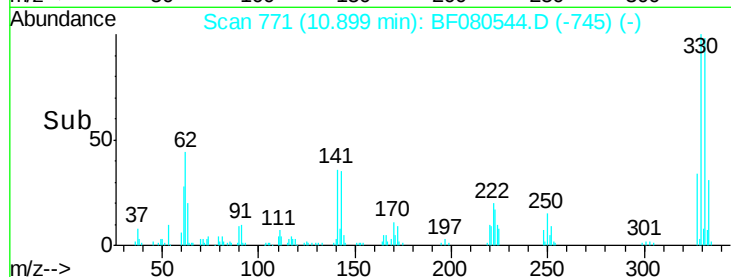
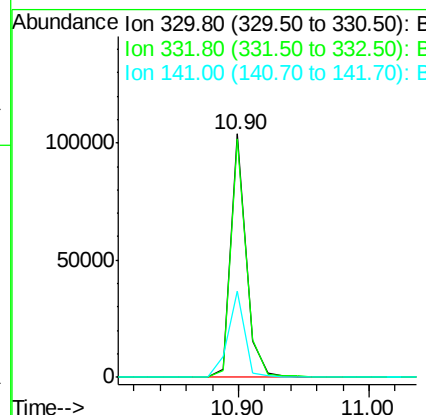
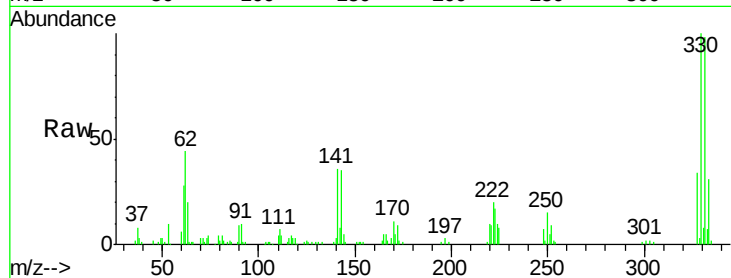




#41
 2,4,6-Tribromophenol
 Concen: 107.40 ng
 RT: 10.90 min Scan# 771
 Delta R.T. -0.00 min
 Lab File: BF080544.D
 Acq: 17 Jul 2015 20:26

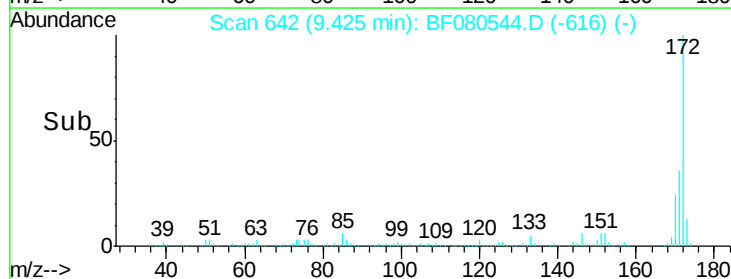
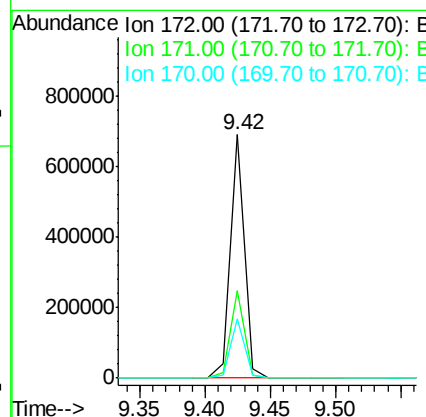
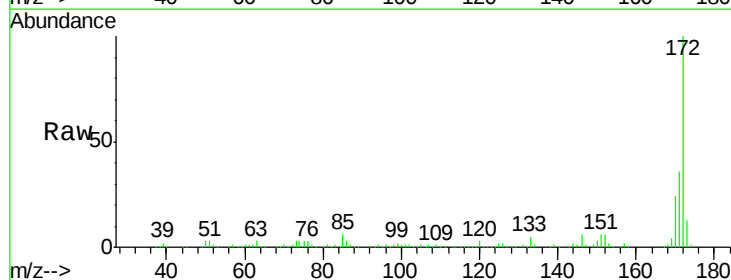
Instrument :
 BNA_F
 ClientSampleId :
 PB84565BL

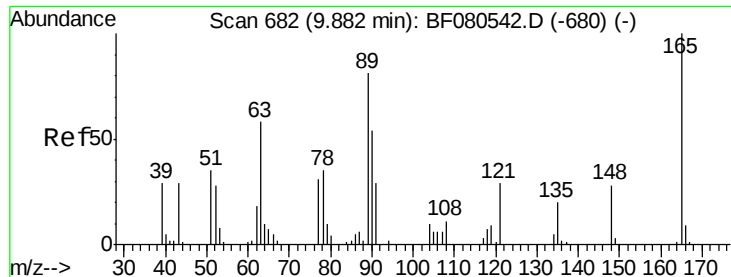
Tot Ion:330 Resp: 86308
 Ion Ratio Lower Upper
 330 100
 332 98.3 74.3 111.5
 141 38.6 29.0 43.4



#44
 2-Fluorobiphenyl
 Concen: 81.94 ng
 RT: 9.42 min Scan# 642
 Delta R.T. -0.00 min
 Lab File: BF080544.D
 Acq: 17 Jul 2015 20:26

Tgt Ion:172 Resp: 523893
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.8 43.2
 170 24.1 19.0 28.4

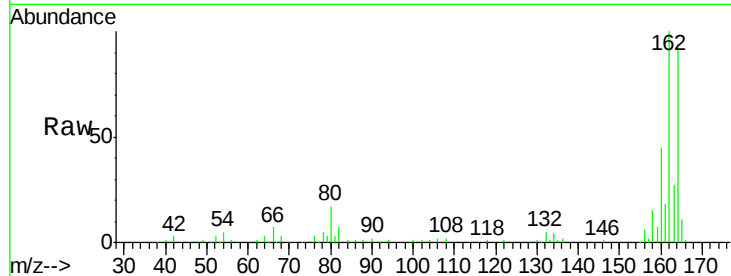




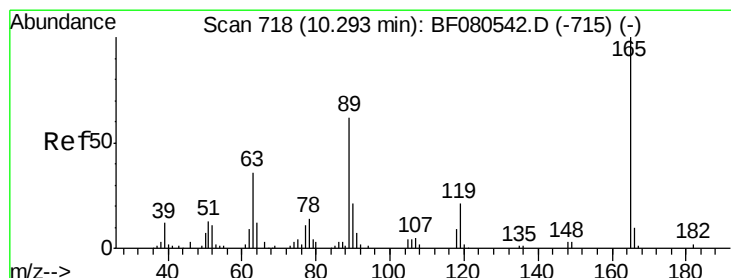
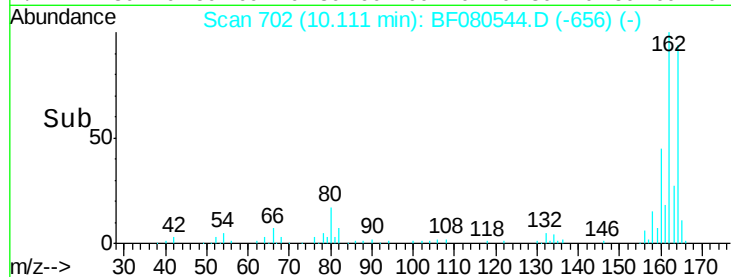
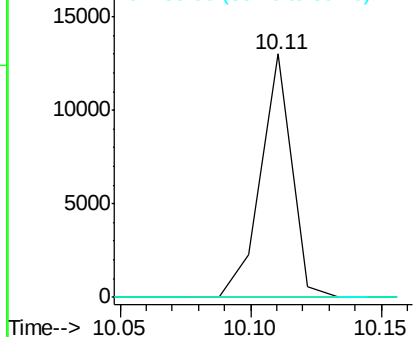
#50
 2,6-Dinitrotoluene
 Concen: 11.31 ng
 RT: 10.11 min Scan# 702
 Delta R.T. 0.23 min
 Lab File: BF080544.D
 Acq: 17 Jul 2015 20:26

Instrument :
 BNA_F
 ClientSampleId :
 PB84565BL

Tot Ion:165 Resp: 10890
 Ion Ratio Lower Upper
 165 100
 63 0.0 74.5 111.7#
 89 0.0 64.6 97.0#



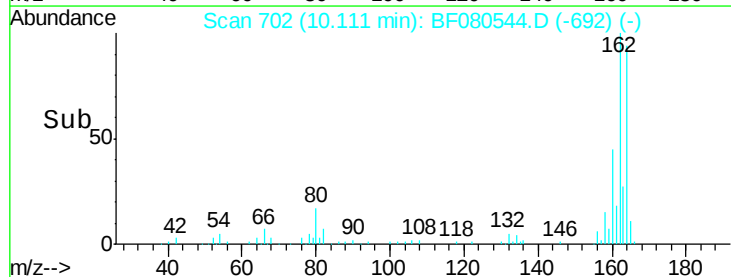
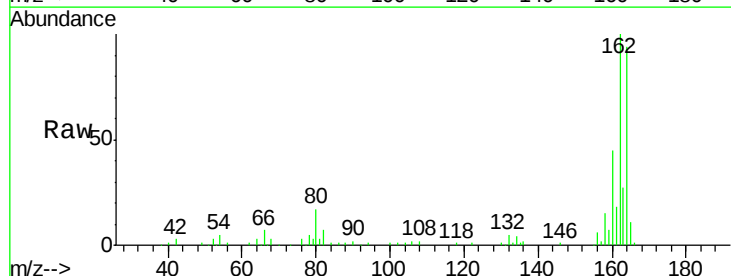
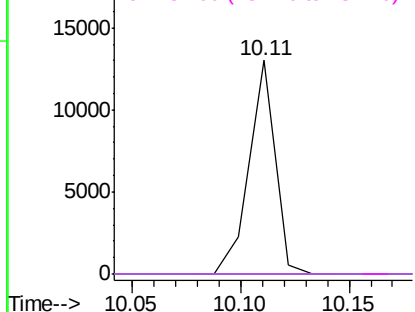
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

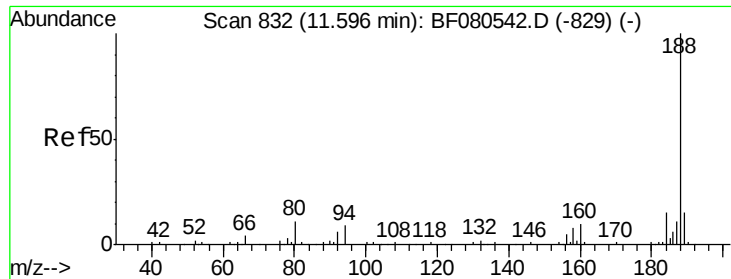


#56
 2,4-Dinitrotoluene
 Concen: 8.63 ng
 RT: 10.11 min Scan# 702
 Delta R.T. -0.18 min
 Lab File: BF080544.D
 Acq: 17 Jul 2015 20:26

Tgt Ion:165 Resp: 10890
 Ion Ratio Lower Upper
 165 100
 63 0.0 30.2 45.4#
 89 0.0 49.9 74.9#
 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

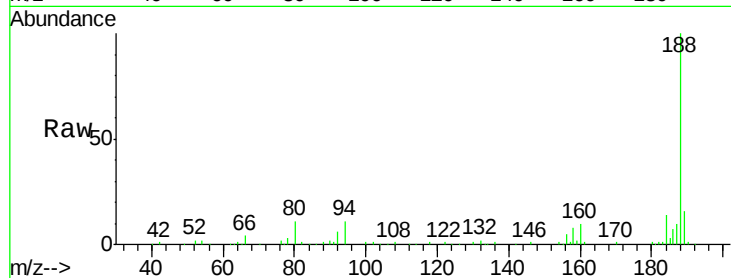




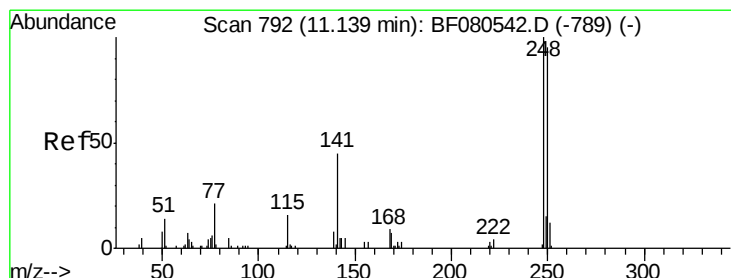
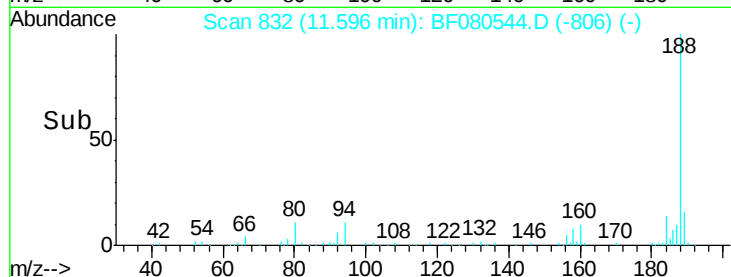
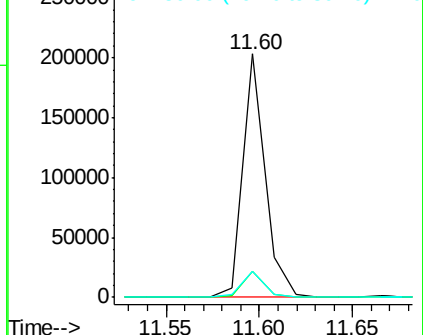
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.60 min Scan# 832
Delta R.T. -0.00 min
Lab File: BF080544.D
Acq: 17 Jul 2015 20:26

Instrument :
BNA_F
ClientSampleId :
PB84565BL

Tot Ion	Ratio	Lower	Upper
188	100		
94	10.7	7.6	11.4
80	10.9	8.6	12.8

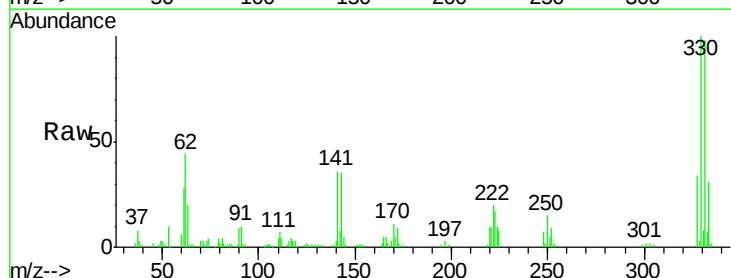


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

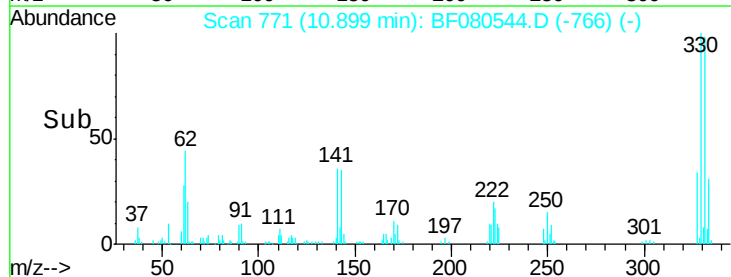
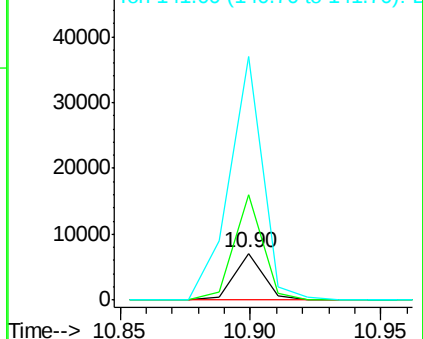


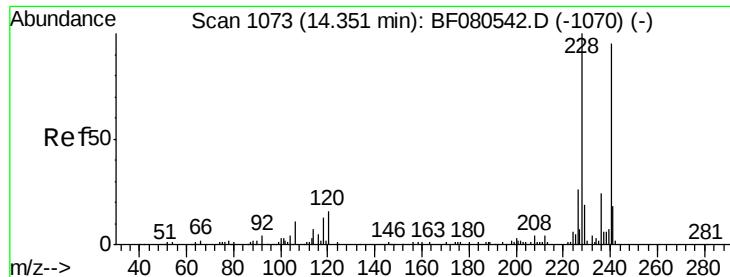
#66
4-Bromophenyl-phenylether
Concen: 3.66 ng
RT: 10.90 min Scan# 771
Delta R.T. -0.24 min
Lab File: BF080544.D
Acq: 17 Jul 2015 20:26

Tgt Ion	Ratio	Lower	Upper
248	100		
250	225.9	76.4	114.6#
141	519.7	36.0	54.0#



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: 14.37 min Scan# 1075

Delta R.T. 0.02 min

Lab File: BF080544.D

Acq: 17 Jul 2015 20:26

Instrument :

BNA_F

ClientSampleId :

PB84565BL

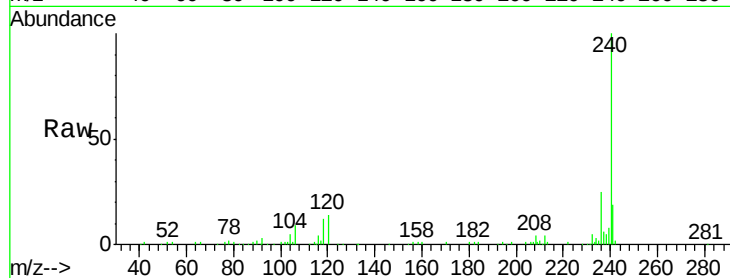
Tot Ion:240 Resp: 126830

Ion Ratio Lower Upper

240 100

120 13.8 13.6 20.4

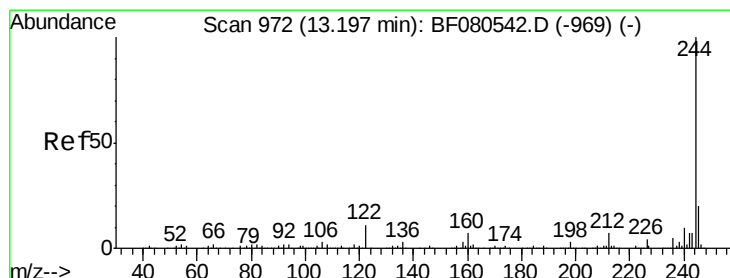
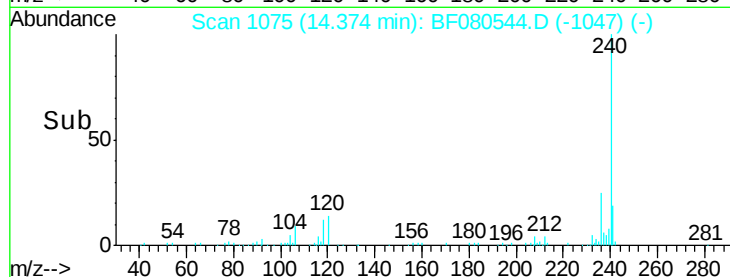
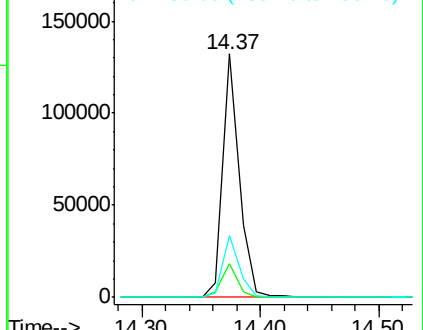
236 25.3 20.2 30.4



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: 77.13 ng

RT: 13.21 min Scan# 973

Delta R.T. 0.01 min

Lab File: BF080544.D

Acq: 17 Jul 2015 20:26

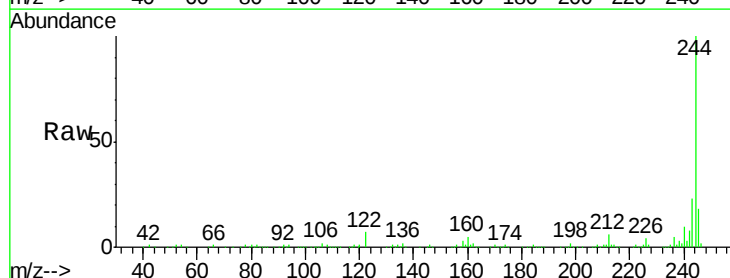
Tgt Ion:244 Resp: 438077

Ion Ratio Lower Upper

244 100

212 5.9 5.5 8.3

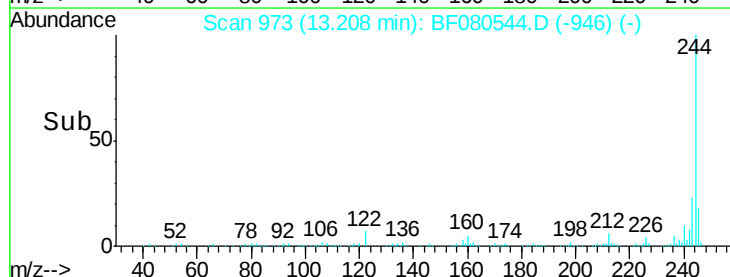
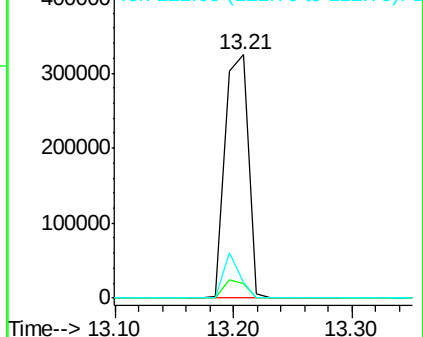
122 6.6 9.0 13.4#

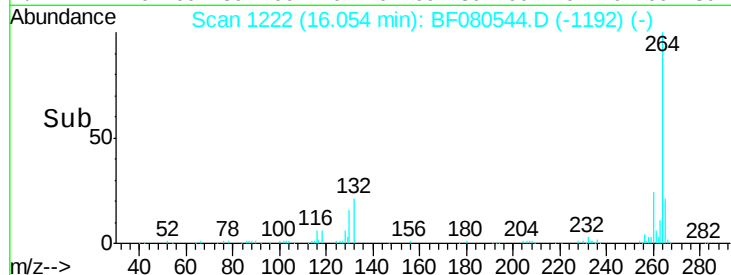
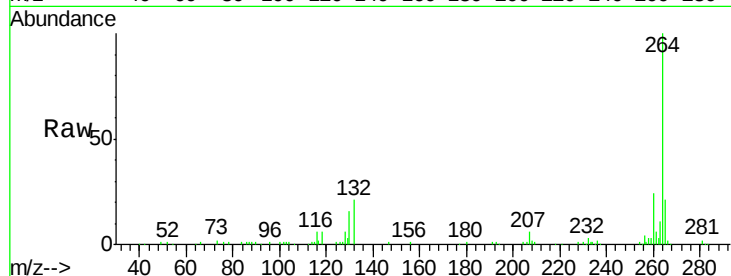
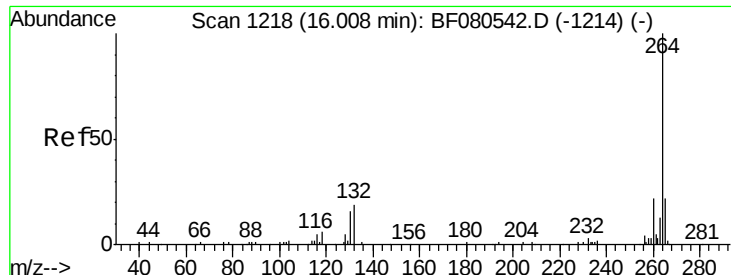


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 16.05 min Scan# 1222
Delta R.T. 0.05 min
Lab File: BF080544.D
Acq: 17 Jul 2015 20:26

Instrument :
BNA_F
ClientSampleId :
PB84565BL

Tot Ion:	264	Resp:	113835
Ion	Ratio	Lower	Upper
264	100		
260	23.8	17.8	26.8
265	21.3	17.2	25.8

