

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070215\
 Data File : BF080312.D
 Acq On : 2 Jul 2015 17:04
 Operator : TP/UM
 Sample : PB84335BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84335BL

Quant Time: Jul 03 04:16:26 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 03 03:51:56 2015
 Response via : Initial Calibration

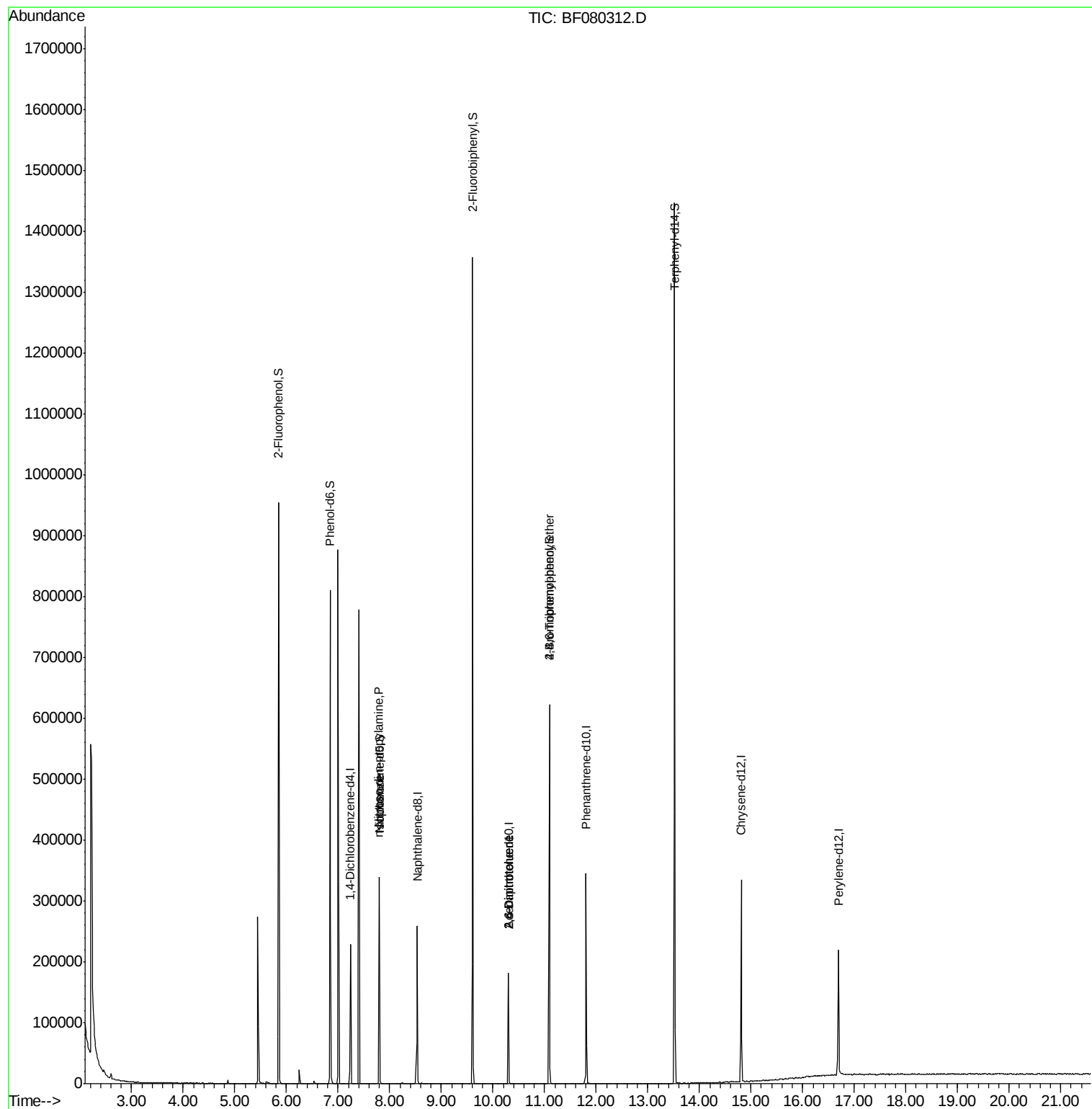
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.24	152	31340	20.00	ng	0.00
21) Naphthalene-d8	8.53	136	115651	20.00	ng	0.00
38) Acenaphthene-d10	10.30	164	53621	20.00	ng	0.00
63) Phenanthrene-d10	11.80	188	123315	20.00	ng	-0.01
75) Chrysene-d12	14.81	240	131390	20.00	ng	-0.05
86) Perylene-d12	16.69	264	127638	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.85	112	232915	128.70	ng	0.00
7) Phenol-d6	6.84	99	283116	116.54	ng	0.00
23) Nitrobenzene-d5	7.80	82	160109	76.22	ng	0.00
41) 2,4,6-Tribromophenol	11.09	330	79579	155.86	ng	0.00
44) 2-Fluorobiphenyl	9.61	172	387749	104.08	ng	0.00
78) Terphenyl-d14	13.52	244	491033	87.54	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.79	70	20670	12.80	ng	# 86
25) Isophorone	7.80	82	159701	39.12	ng	# 65
50) 2,6-Dinitrotoluene	10.30	165	6819	8.14	ng	# 43
56) 2,4-Dinitrotoluene	10.30	165	6820	6.28	ng	# 19
66) 4-Bromophenyl-phenylether	11.09	248	5401	4.05	ng	# 1

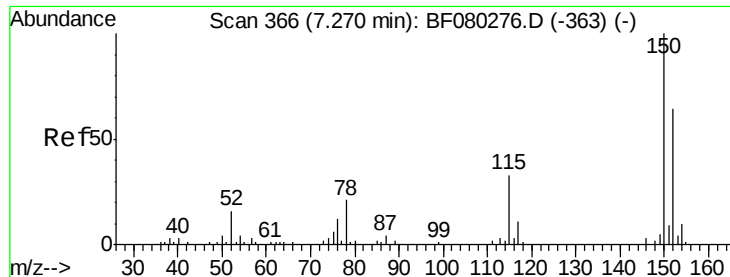
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jul 03 03:51:56 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.24 min Scan# 451

Delta R.T. -0.00 min

Lab File: BF080312.D

Acq: 2 Jul 2015 17:04

Instrument :

BNA_F

ClientSampleId :

PB84335BL

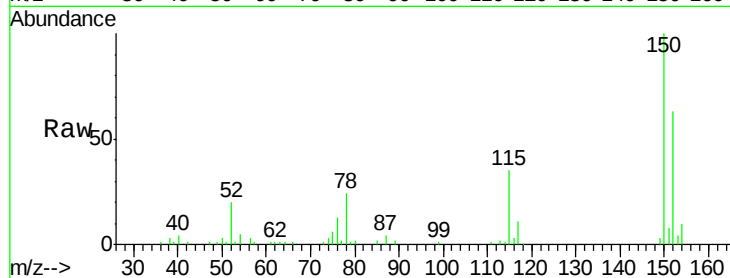
Tgt Ion:152 Resp: 31340

Ion Ratio Lower Upper

152 100

150 159.1 124.7 187.1

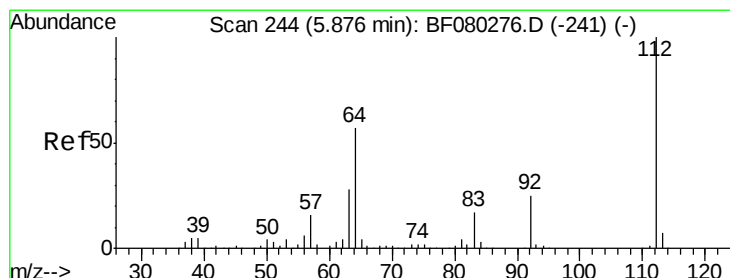
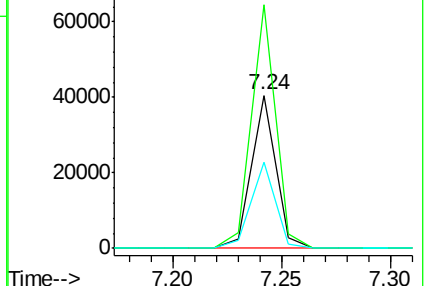
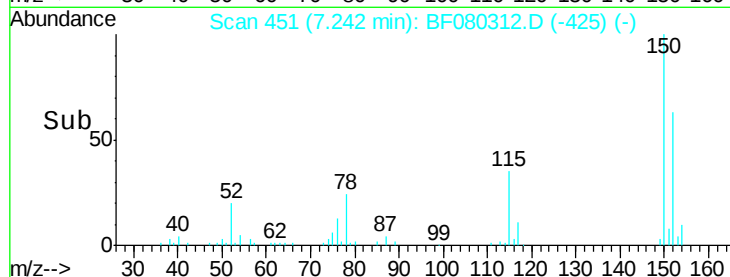
115 56.3 41.0 61.6



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: 128.70 ng

RT: 5.85 min Scan# 329

Delta R.T. -0.00 min

Lab File: BF080312.D

Acq: 2 Jul 2015 17:04

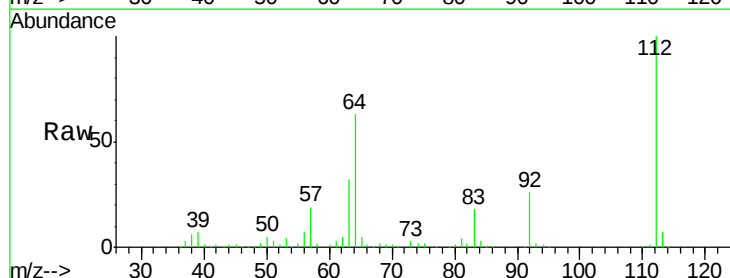
Tgt Ion:112 Resp: 232915

Ion Ratio Lower Upper

112 100

64 62.8 45.5 68.3

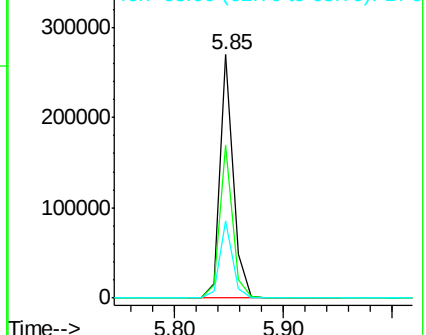
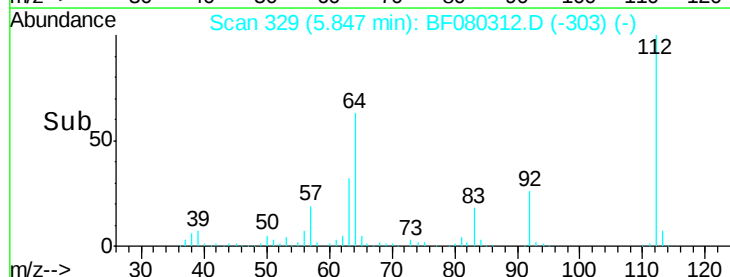
63 31.9 22.4 33.6

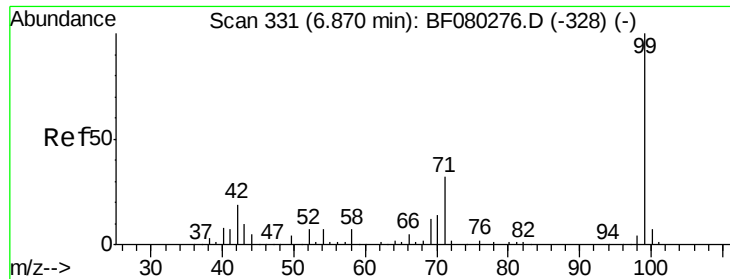


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 116.54 ng

RT: 6.84 min Scan# 416

Delta R.T. -0.00 min

Lab File: BF080312.D

Acq: 2 Jul 2015 17:04

Instrument :

BNA_F

ClientSampleId :

PB84335BL

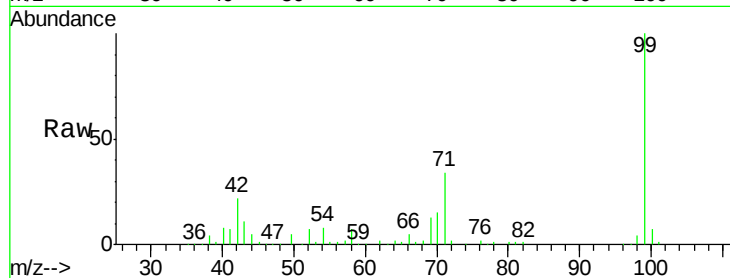
Tgt Ion: 99 Resp: 283116

Ion Ratio Lower Upper

99 100

42 22.1 15.4 23.2

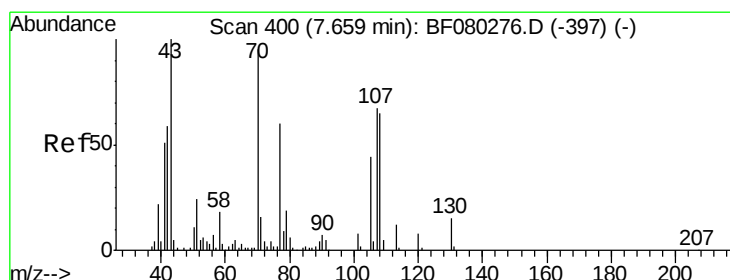
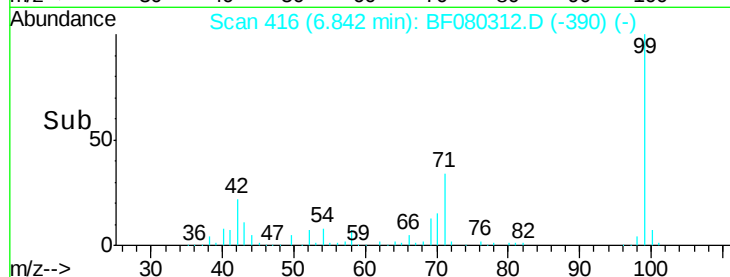
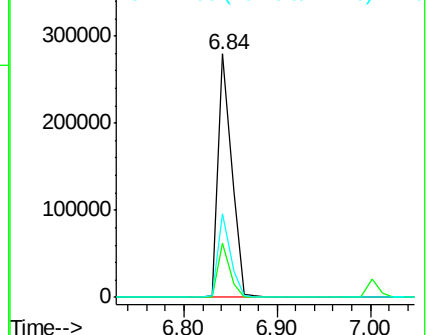
71 34.3 25.8 38.8



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: 12.80 ng

RT: 7.79 min Scan# 499

Delta R.T. 0.15 min

Lab File: BF080312.D

Acq: 2 Jul 2015 17:04

Tgt Ion: 70 Resp: 20670

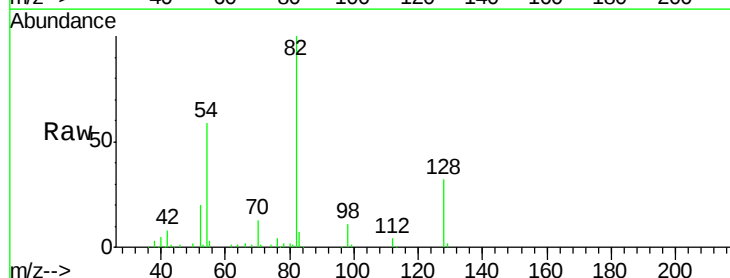
Ion Ratio Lower Upper

70 100

42 57.0 49.8 74.8

101 0.0 6.8 10.2#

130 0.0 13.0 19.4#

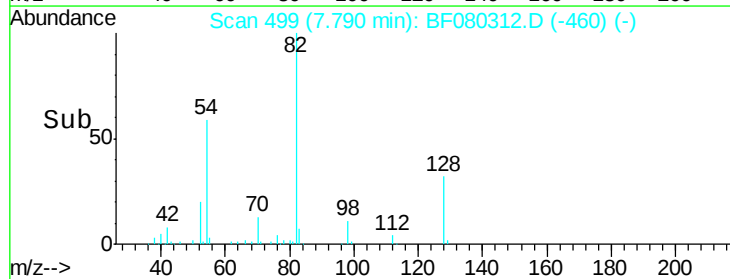
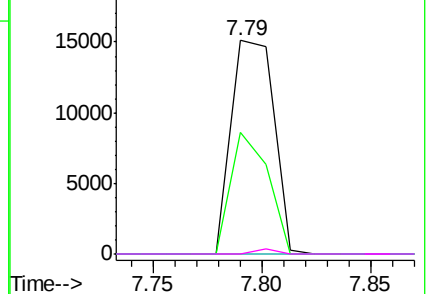


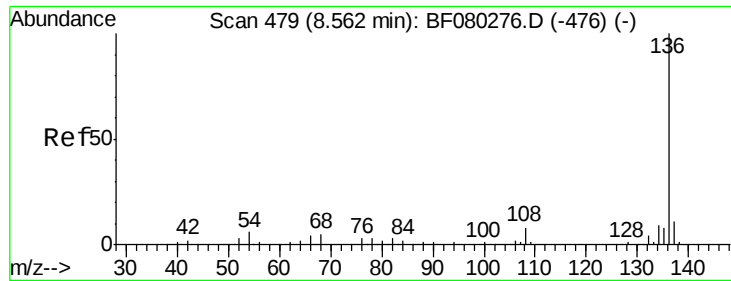
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

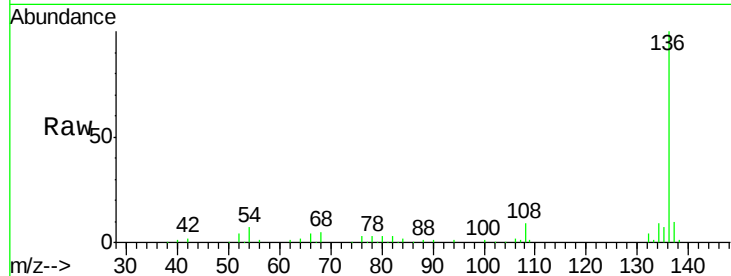




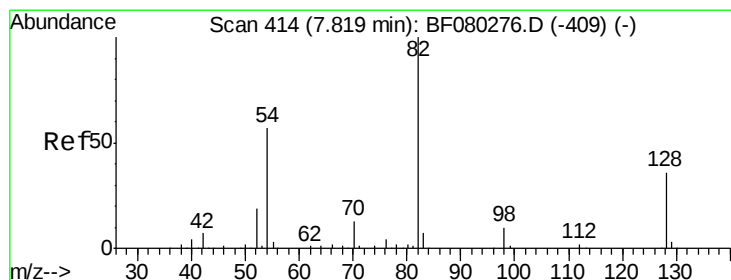
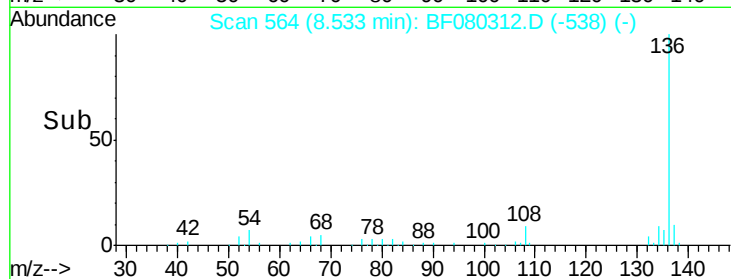
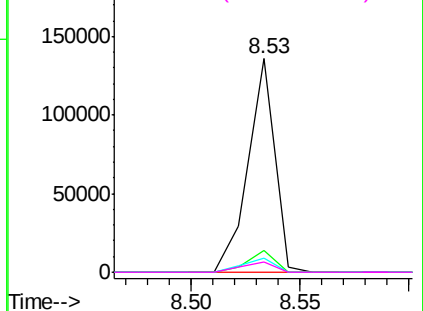
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.53 min Scan# 564
Delta R.T. -0.00 min
Lab File: BF080312.D
Acq: 2 Jul 2015 17:04

Instrument :
BNA_F
ClientSampleId :
PB84335BL

Tgt Ion:	136	Resp:	115651
Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.4	12.6
54	6.7	4.9	7.3
68	4.9	4.0	6.0

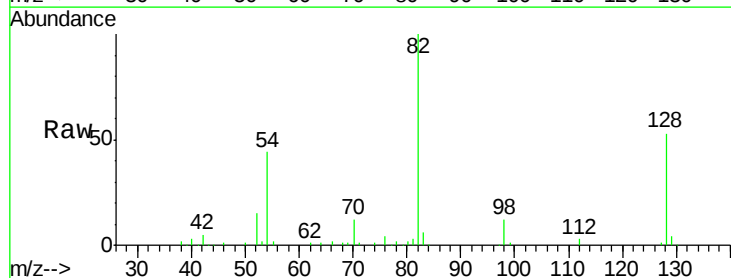


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

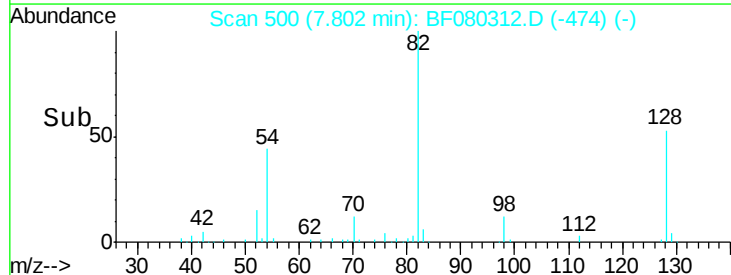
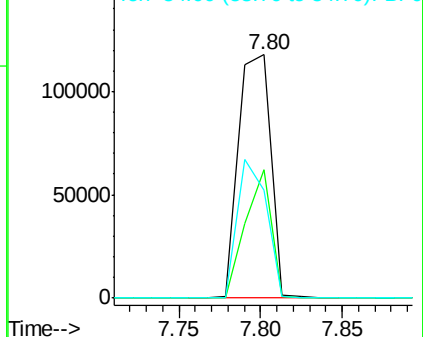


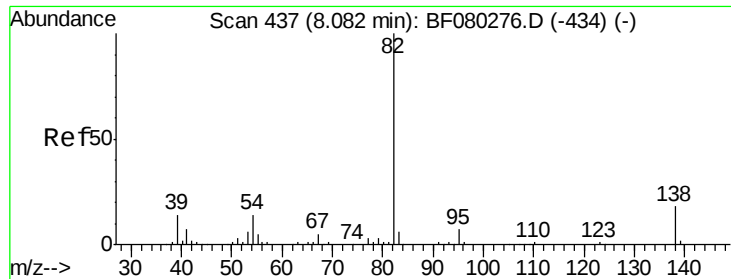
#23
Nitrobenzene-d5
Concen: 76.22 ng
RT: 7.80 min Scan# 500
Delta R.T. -0.00 min
Lab File: BF080312.D
Acq: 2 Jul 2015 17:04

Tgt Ion:	82	Resp:	160109
Ion	Ratio	Lower	Upper
82	100		
128	52.7	29.0	43.4#
54	44.4	45.3	67.9#



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: 39.12 ng

RT: 7.80 min Scan# 500

Delta R.T. -0.25 min

Lab File: BF080312.D

Acq: 2 Jul 2015 17:04

Instrument :

BNA_F

ClientSampleId :

PB84335BL

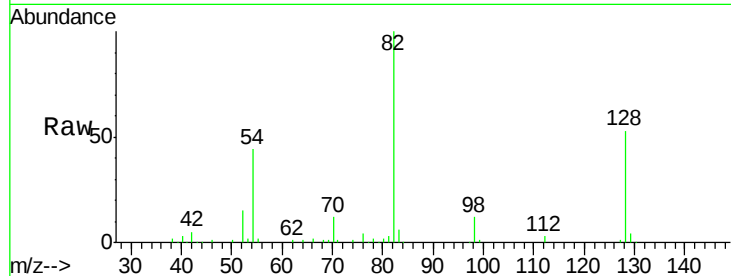
Tgt Ion: 82 Resp: 159701

Ion Ratio Lower Upper

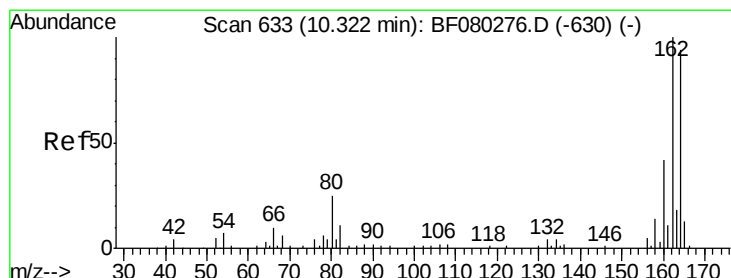
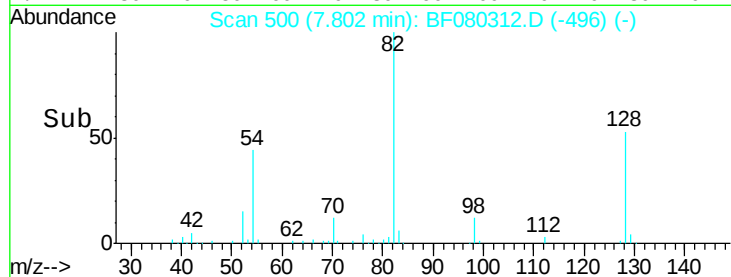
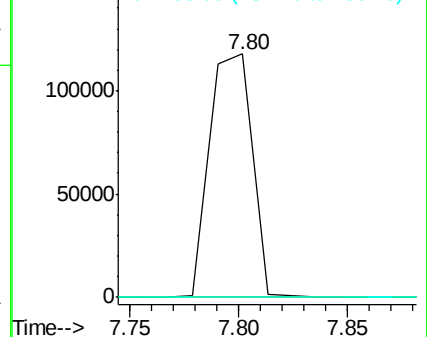
82 100

95 0.0 5.3 7.9#

138 0.0 14.4 21.6#



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: 10.30 min Scan# 719

Delta R.T. -0.00 min

Lab File: BF080312.D

Acq: 2 Jul 2015 17:04

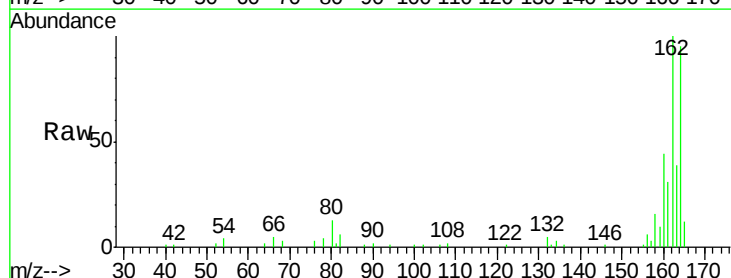
Tgt Ion: 164 Resp: 53621

Ion Ratio Lower Upper

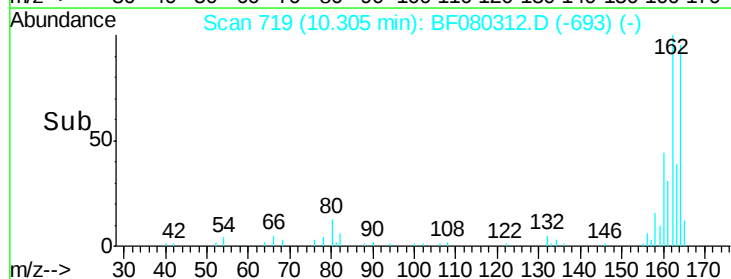
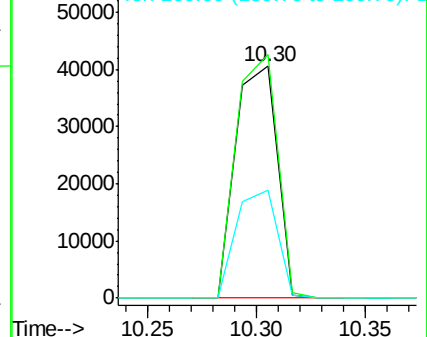
164 100

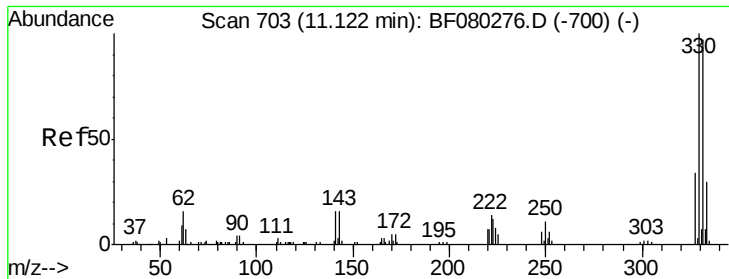
162 105.0 84.8 127.2

160 46.5 35.8 53.8



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

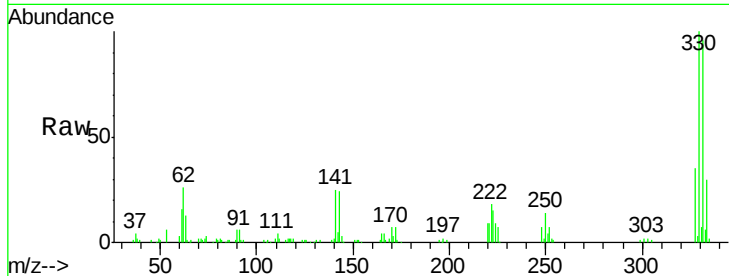




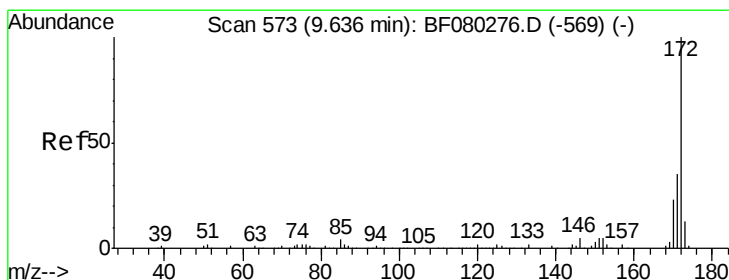
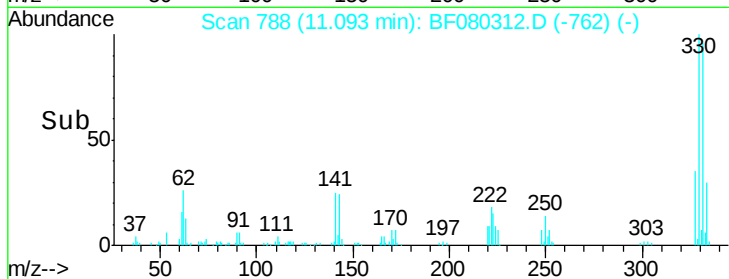
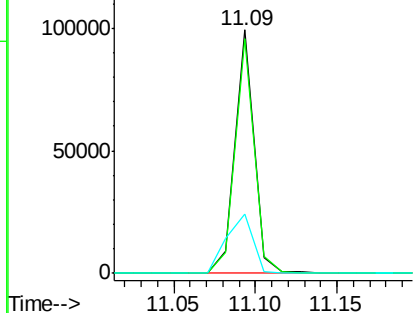
#41
 2,4,6-Tribromophenol
 Concen: 155.86 ng
 RT: 11.09 min Scan# 788
 Delta R.T. -0.00 min
 Lab File: BF080312.D
 Acq: 2 Jul 2015 17:04

Instrument :
 BNA_F
 ClientSampleId :
 PB84335BL

Tgt Ion:330 Resp: 79579
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.4 116.2
 141 34.2 28.0 42.0

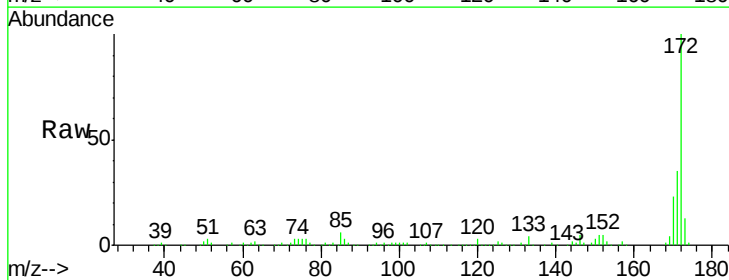


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

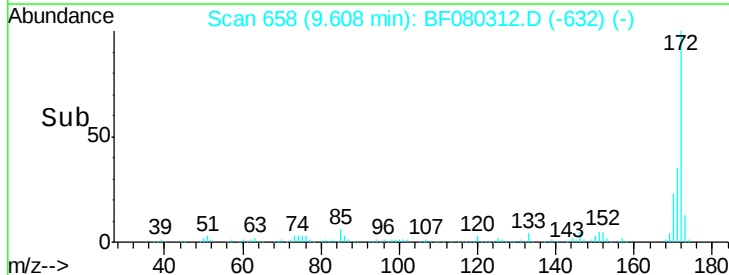
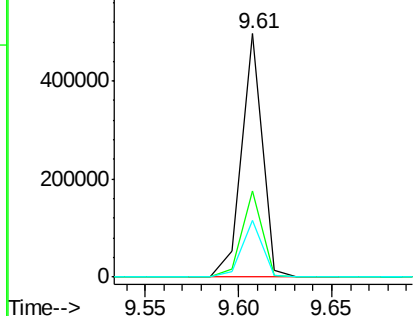


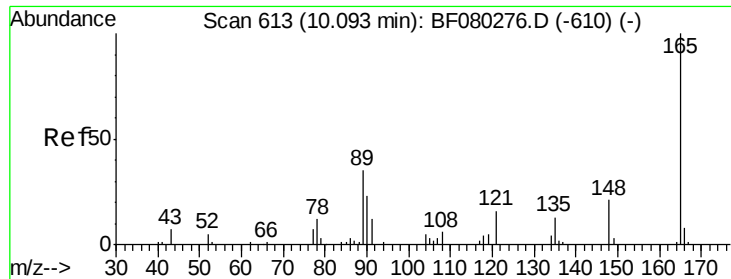
#44
 2-Fluorobiphenyl
 Concen: 104.08 ng
 RT: 9.61 min Scan# 658
 Delta R.T. -0.00 min
 Lab File: BF080312.D
 Acq: 2 Jul 2015 17:04

Tgt Ion:172 Resp: 387749
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.1 42.1
 170 23.4 18.6 28.0



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

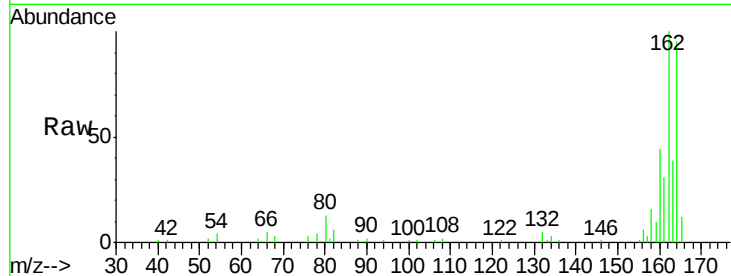




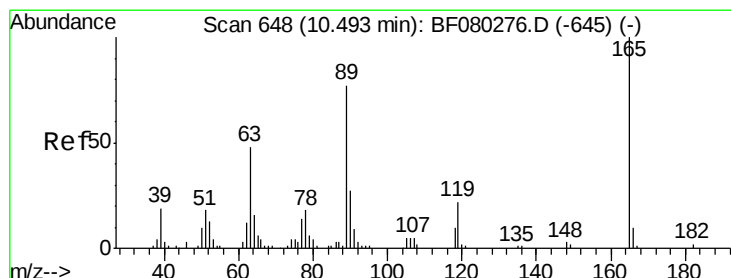
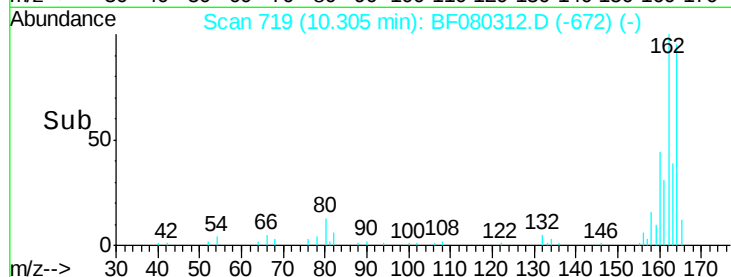
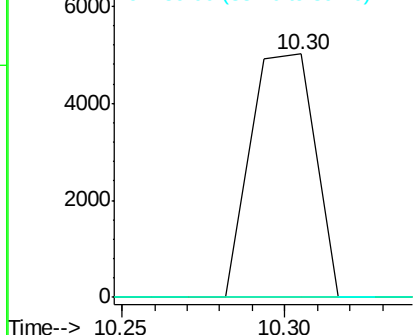
#50
 2,6-Dinitrotoluene
 Concen: 8.14 ng
 RT: 10.30 min Scan# 719
 Delta R.T. 0.24 min
 Lab File: BF080312.D
 Acq: 2 Jul 2015 17:04

Instrument :
 BNA_F
 ClientSampleId :
 PB84335BL

Tgt Ion:165 Resp: 6819
 Ion Ratio Lower Upper
 165 100
 63 0.0 23.4 35.0#
 89 0.0 27.7 41.5#

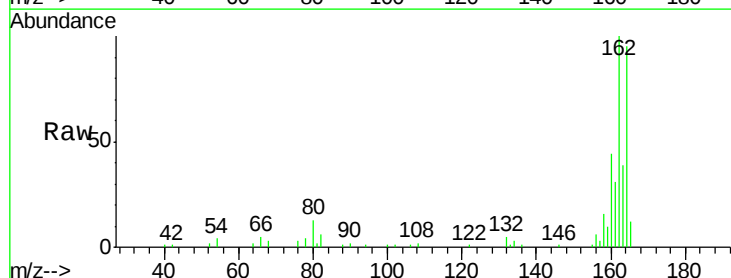


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

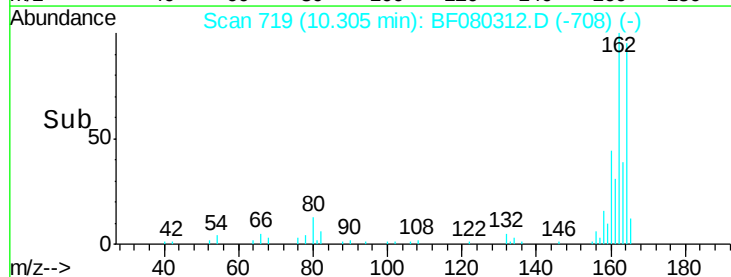
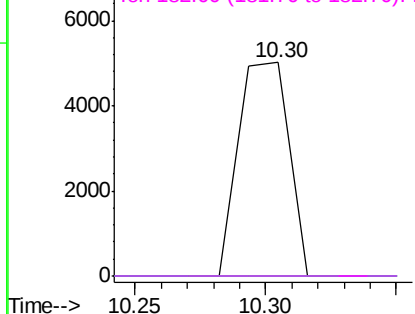


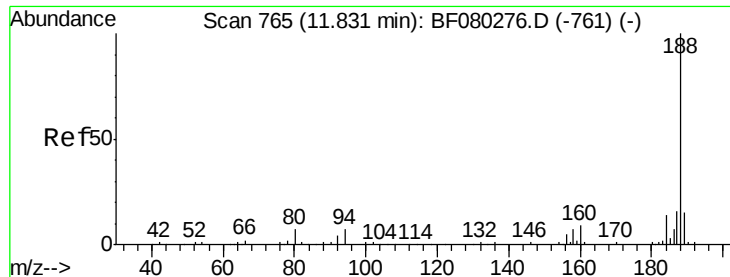
#56
 2,4-Dinitrotoluene
 Concen: 6.28 ng
 RT: 10.30 min Scan# 719
 Delta R.T. -0.17 min
 Lab File: BF080312.D
 Acq: 2 Jul 2015 17:04

Tgt Ion:165 Resp: 6820
 Ion Ratio Lower Upper
 165 100
 63 0.0 38.7 58.1#
 89 0.0 62.0 93.0#
 182 0.0 1.8 2.8#



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

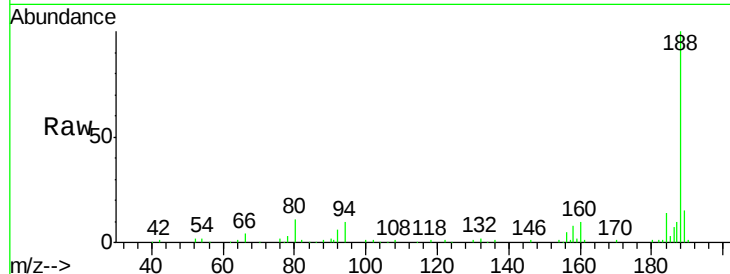




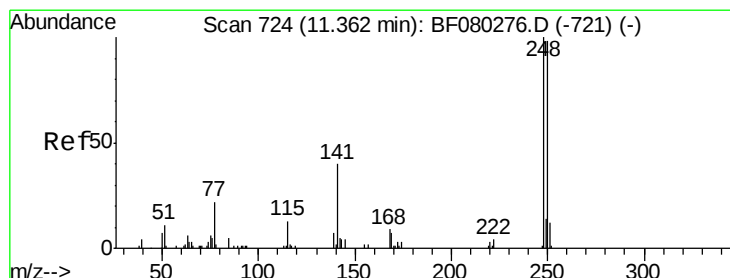
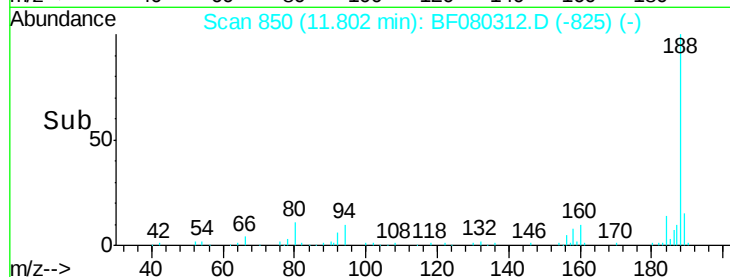
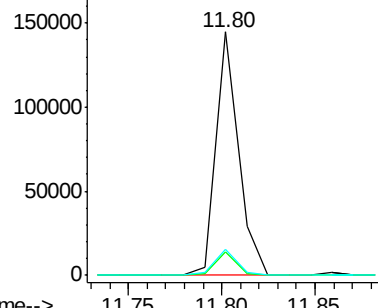
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.80 min Scan# 850
Delta R.T. -0.01 min
Lab File: BF080312.D
Acq: 2 Jul 2015 17:04

Instrument :
BNA_F
ClientSampleId :
PB84335BL

Tgt Ion:188 Resp: 123315
Ion Ratio Lower Upper
188 100
94 9.8 5.4 8.0#
80 10.8 5.8 8.6#

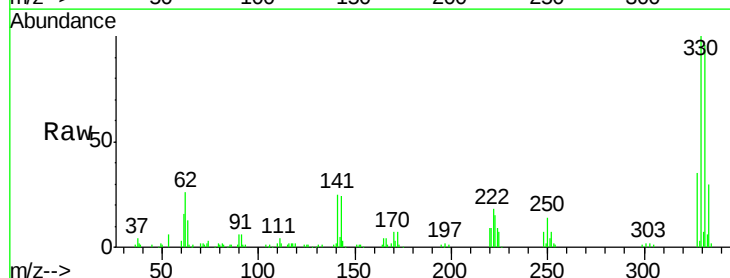


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

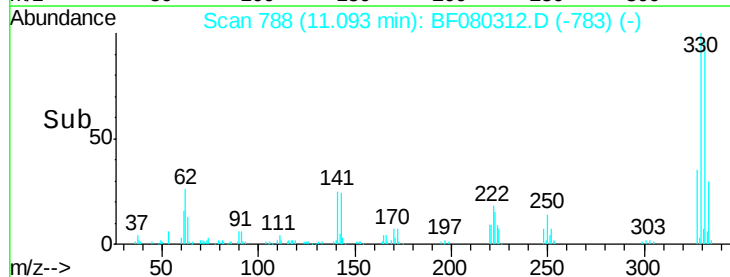
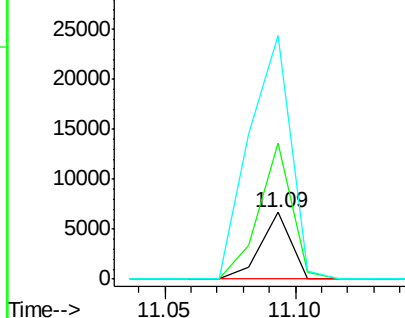


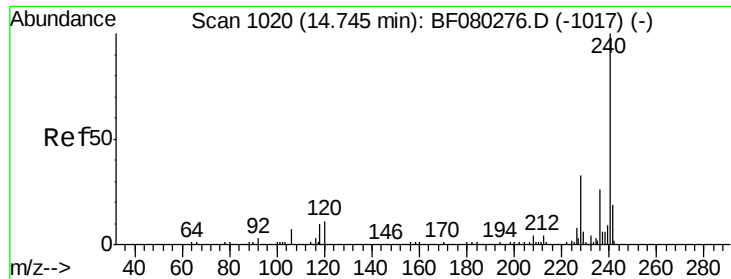
#66
4-Bromophenyl-phenylether
Concen: 4.05 ng
RT: 11.09 min Scan# 788
Delta R.T. -0.24 min
Lab File: BF080312.D
Acq: 2 Jul 2015 17:04

Tgt Ion:248 Resp: 5401
Ion Ratio Lower Upper
248 100
250 203.8 78.2 117.4#
141 365.1 31.9 47.9#



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: 14.81 min Scan# 1113

Delta R.T. -0.05 min

Lab File: BF080312.D

Acq: 2 Jul 2015 17:04

Instrument :

BNA_F

ClientSampleId :

PB84335BL

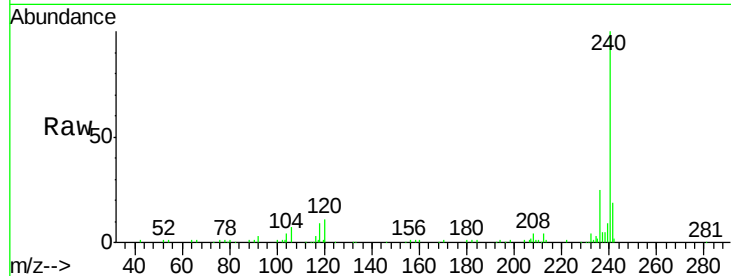
Tgt Ion:240 Resp: 131390

Ion Ratio Lower Upper

240 100

120 10.7 8.7 13.1

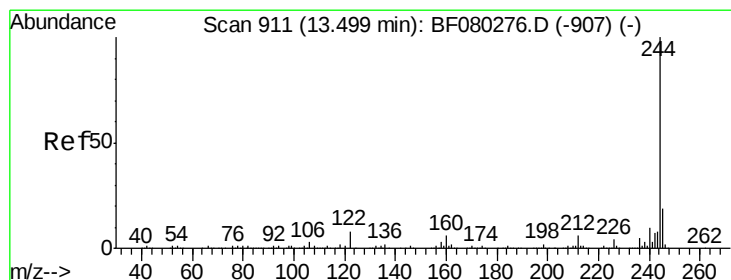
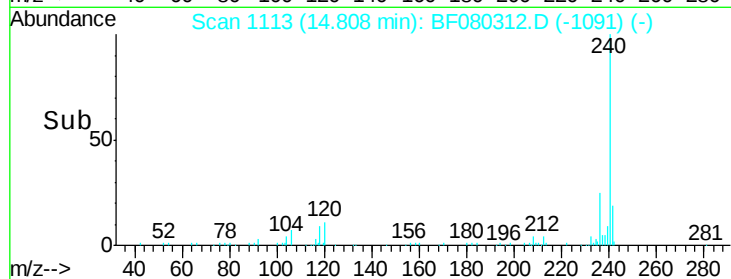
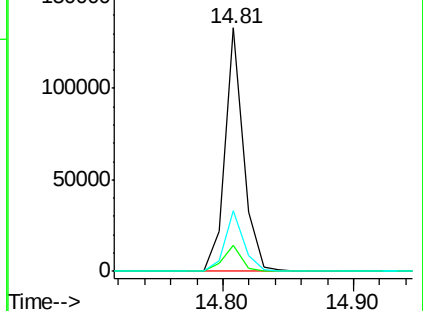
236 25.0 20.9 31.3



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: 87.54 ng

RT: 13.52 min Scan# 1000

Delta R.T. -0.02 min

Lab File: BF080312.D

Acq: 2 Jul 2015 17:04

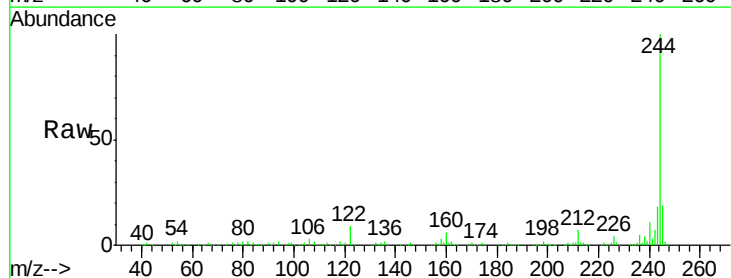
Tgt Ion:244 Resp: 491033

Ion Ratio Lower Upper

244 100

212 6.8 5.0 7.6

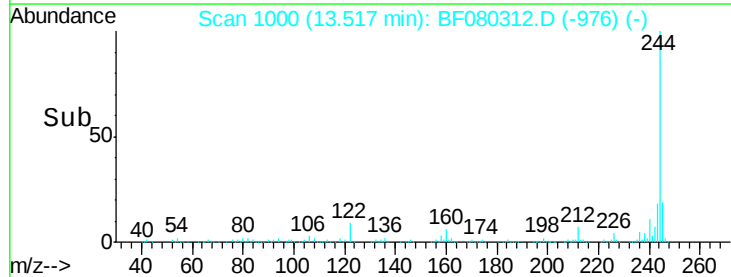
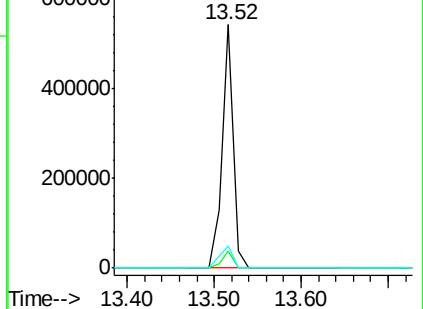
122 9.2 6.6 9.8

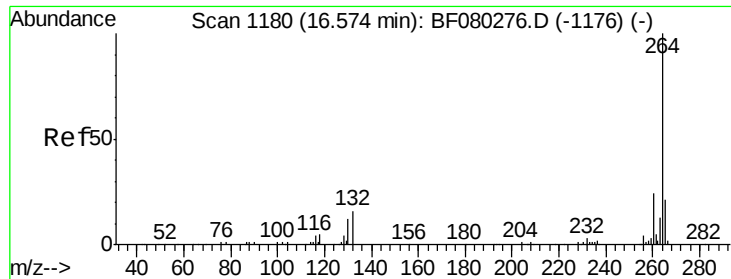


Abundance Ion 244.00 (243.70 to 244.70): E

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: 16.69 min Scan# 1278
Delta R.T. -0.07 min
Lab File: BF080312.D
Acq: 2 Jul 2015 17:04

Instrument :
BNA_F
ClientSampleId :
PB84335BL

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	22.1	16.9	25.3

