

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101315\
 Data File : BF082241.D
 Acq On : 13 Oct 2015 3:59
 Operator : UM/IZ
 Sample : G3990-18
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW-11M

Quant Time: Oct 13 06:31:09 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 13 06:28:22 2015
 Response via : Initial Calibration

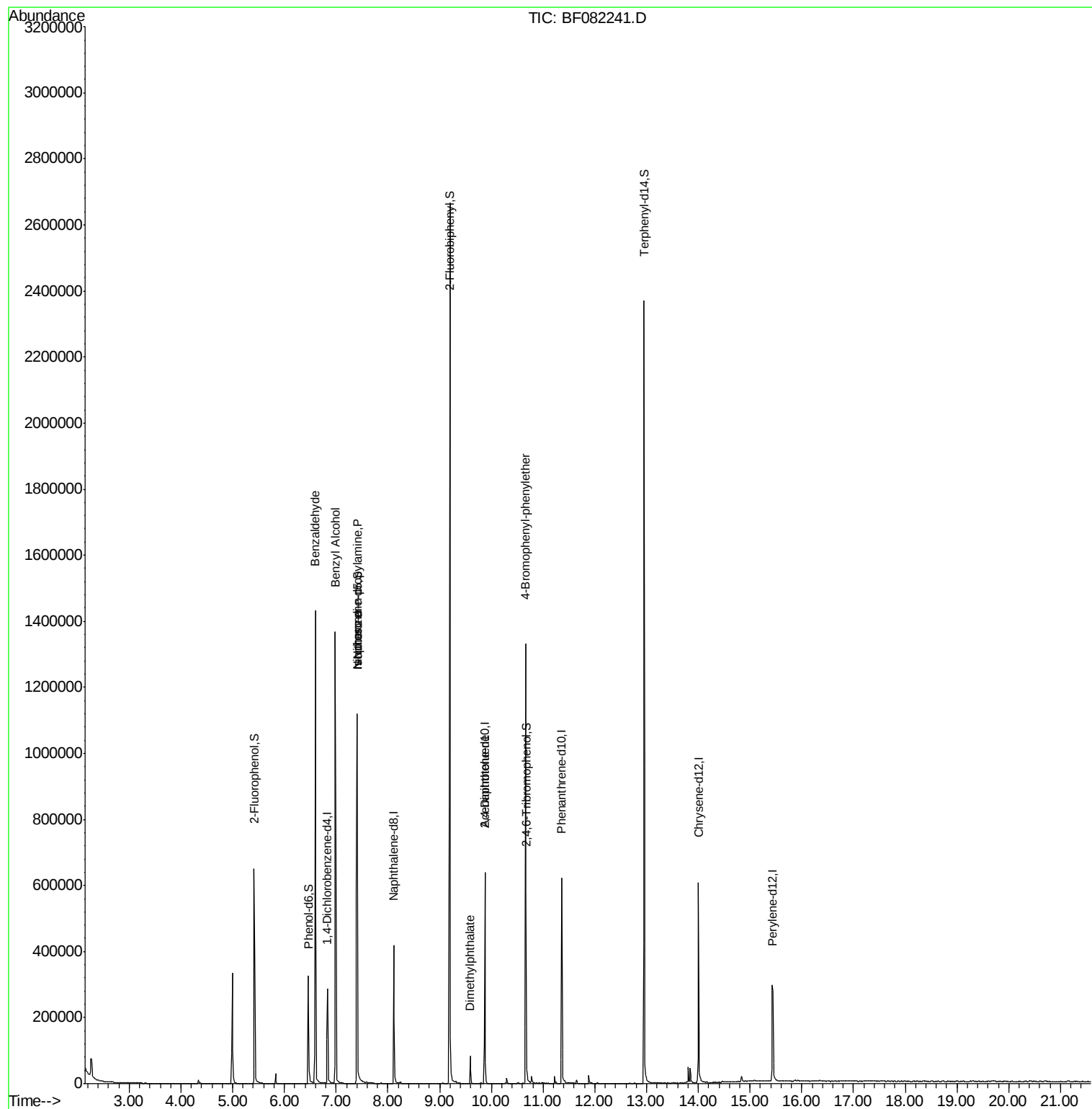
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	60506	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	248250	20.00	ng	-0.01
38) Acenaphthene-d10	9.87	164	128727	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	259843	20.00	ng	0.00
75) Chrysene-d12	14.00	240	253475	20.00	ng	-0.01
86) Perylene-d12	15.44	264	192993	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	235121	78.43	ng	0.00
7) Phenol-d6	6.47	99	177978	45.62	ng	0.00
23) Nitrobenzene-d5	7.41	82	474448	128.34	ng	0.00
41) 2,4,6-Tribromophenol	10.67	330	197650	163.72	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	901443	116.13	ng	0.00
78) Terphenyl-d14	12.95	244	932149	97.45	ng	0.00
Target Compounds						
9) Benzaldehyde	6.59	77	9329	4.68	ng	# 76
15) Benzyl Alcohol	6.98	79	6714	2.49	ng	# 54
19) n-Nitroso-di-n-propylamine	7.41	70	60079	21.93	ng	# 76
25) Isophorone	7.41	82	482438	64.66	ng	# 66
49) Dimethylphthalate	9.59	163	46205	5.10	ng	99
56) 2,4-Dinitrotoluene	9.87	165	16267	6.80	ng	# 21
66) 4-Bromophenyl-phenylether	10.66	248	12398	4.77	ng	# 1

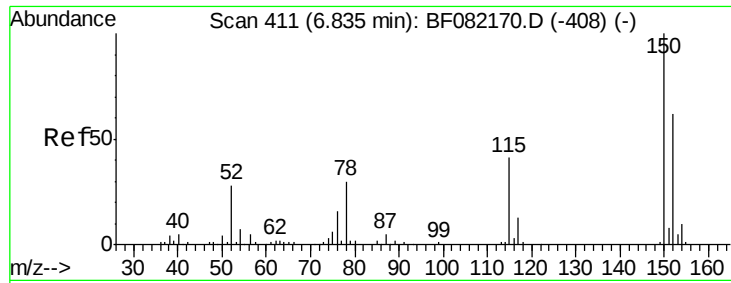
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101315\
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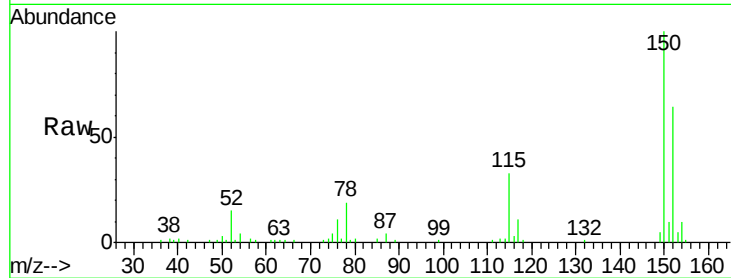


#1

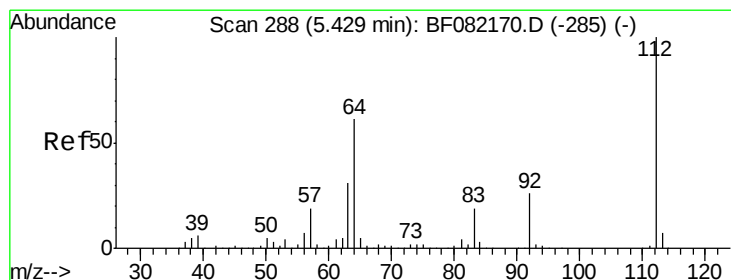
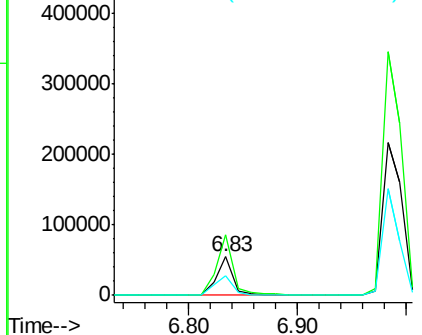
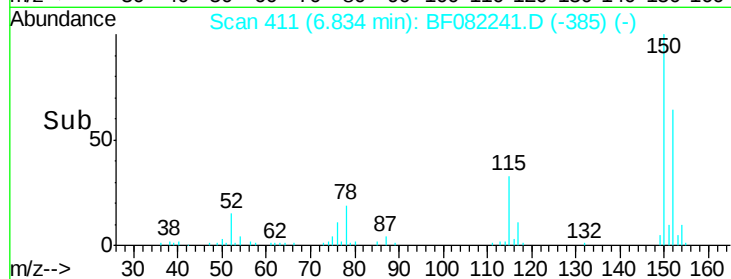
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.83 min Scan# 411
 Delta R.T. 0.00 min
 Lab File: BF082241.D
 Acq: 13 Oct 2015 3:59

Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW-11M

Tot Ion:152 Resp: 60506
 Ion Ratio Lower Upper
 152 100
 150 157.2 129.0 193.4
 115 52.6 52.1 78.1



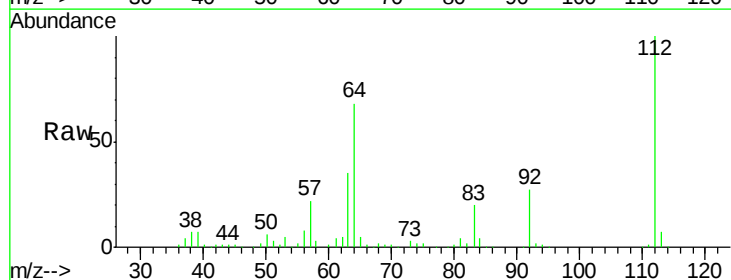
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



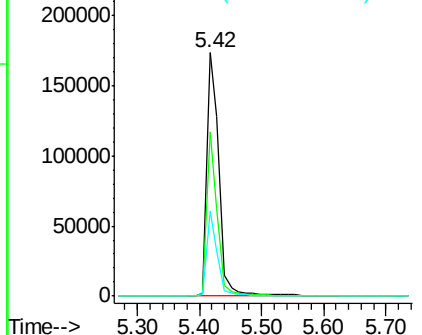
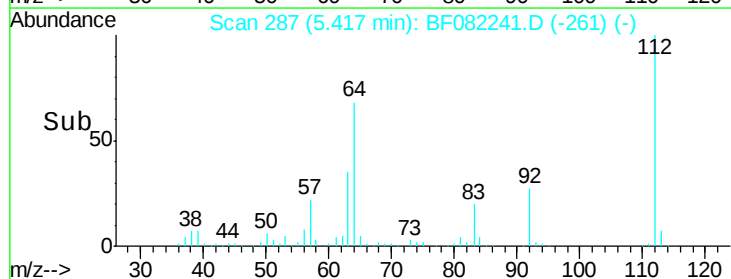
#5

2-Fluorophenol
 Concen: 78.43 ng
 RT: 5.42 min Scan# 287
 Delta R.T. 0.00 min
 Lab File: BF082241.D
 Acq: 13 Oct 2015 3:59

Tgt Ion:112 Resp: 235121
 Ion Ratio Lower Upper
 112 100
 64 67.5 48.6 73.0
 63 35.1 25.1 37.7



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: 45.62 ng

RT: 6.47 min Scan# 379

Delta R.T. 0.00 min

Lab File: BF082241.D

Acq: 13 Oct 2015 3:59

Instrument :

BNA_F

ClientSampleId :

TE-PMW-11M

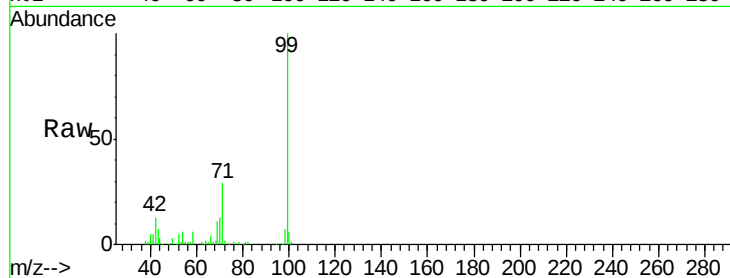
Tot Ion: 99 Resp: 177978

Ion Ratio Lower Upper

99 100

42 13.4 13.2 19.8

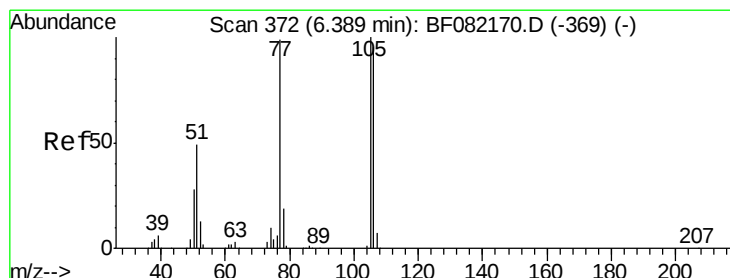
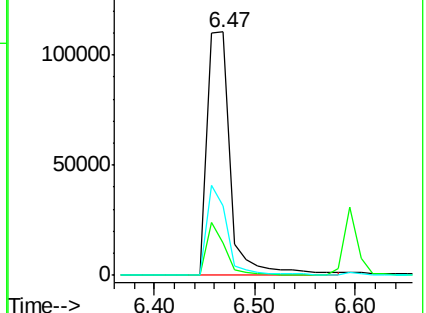
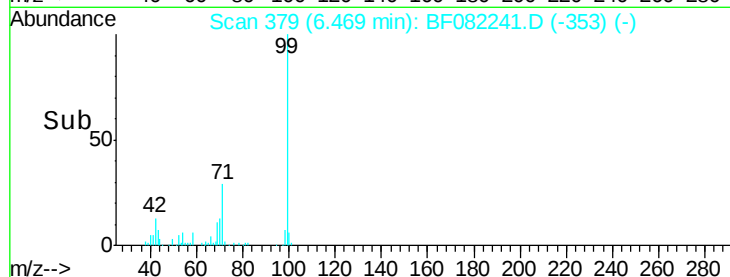
71 28.7 25.6 38.4



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



#9

Benzaldehyde

Concen: 4.68 ng

RT: 6.59 min Scan# 390

Delta R.T. 0.22 min

Lab File: BF082241.D

Acq: 13 Oct 2015 3:59

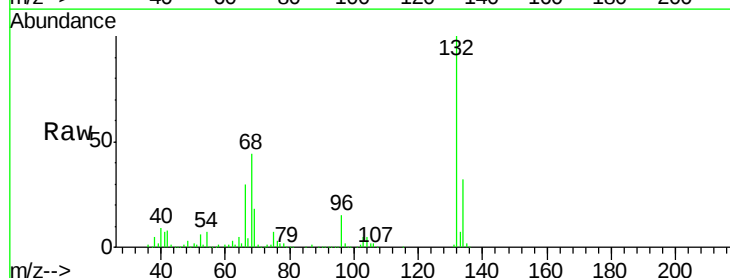
Tgt Ion: 77 Resp: 9329

Ion Ratio Lower Upper

77 100

105 76.9 80.6 120.6#

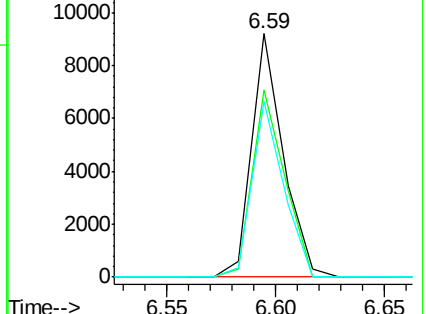
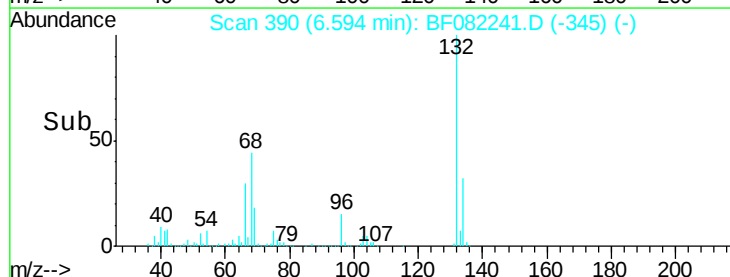
106 72.4 75.5 115.5#

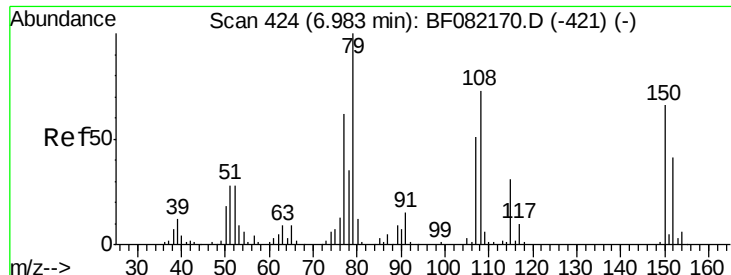


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#15

Benzyl Alcohol

Concen: 2.49 ng

RT: 6.98 min Scan# 424

Delta R.T. 0.00 min

Lab File: BF082241.D

Acq: 13 Oct 2015 3:59

Instrument :

BNA_F

ClientSampleId :

TE-PMW-11M

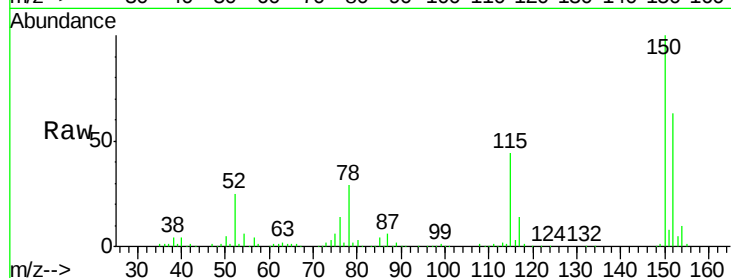
Tot Ion: 79 Resp: 6714

Ion Ratio Lower Upper

79 100

108 26.6 58.4 87.6#

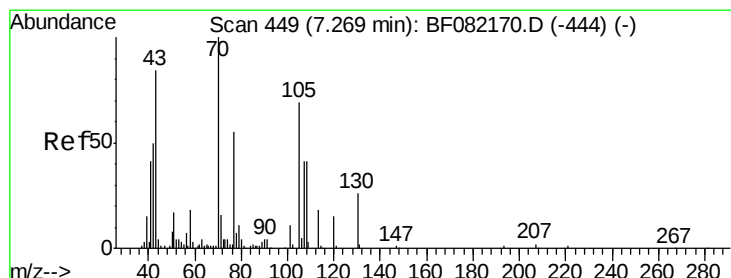
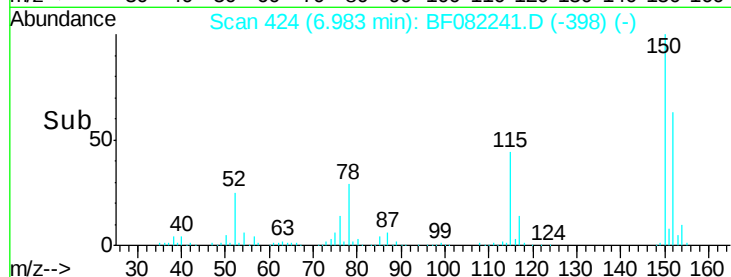
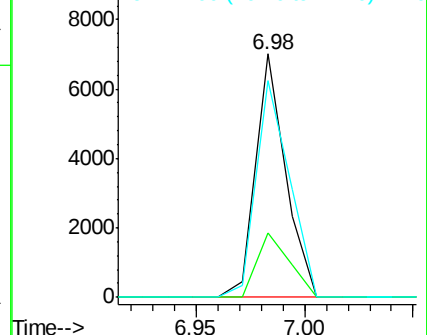
77 89.2 49.8 74.6#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 21.93 ng

RT: 7.41 min Scan# 461

Delta R.T. 0.15 min

Lab File: BF082241.D

Acq: 13 Oct 2015 3:59

Tgt Ion: 70 Resp: 60079

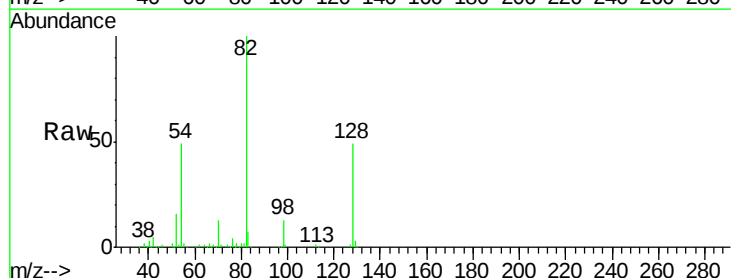
Ion Ratio Lower Upper

70 100

42 42.0 39.8 59.8

101 0.0 8.6 13.0#

130 2.5 20.5 30.7#

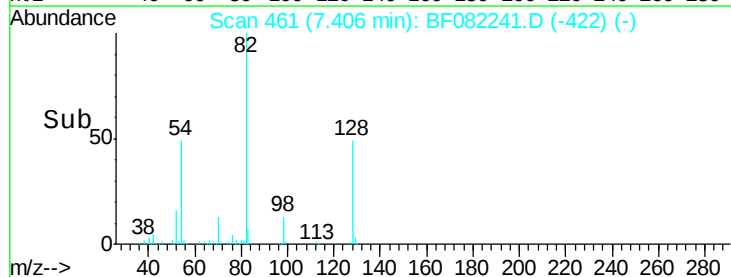
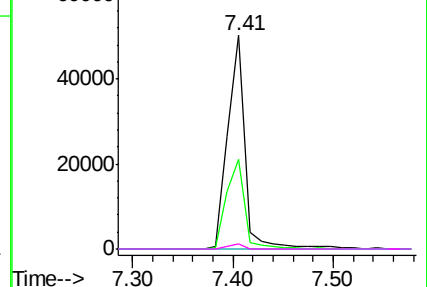


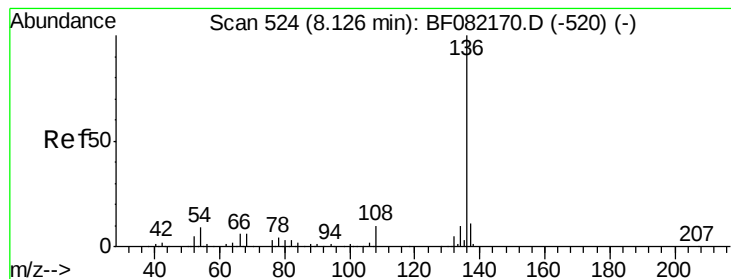
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 8.11 min Scan# 523

Delta R.T. -0.01 min

Lab File: BF082241.D

Acq: 13 Oct 2015 3:59

Instrument :

BNA_F

ClientSampleId :

TE-PMW-11M

Tot Ion:136 Resp: 248250

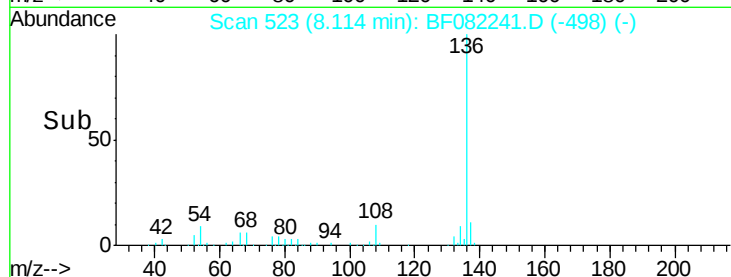
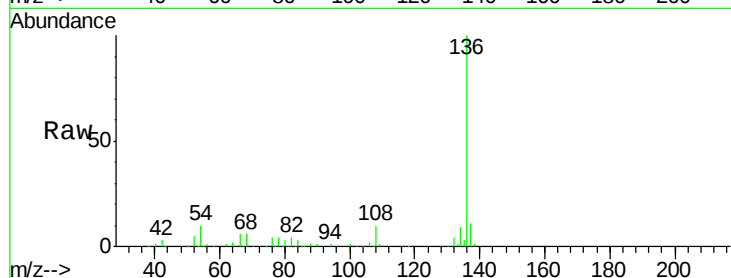
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.6

54 9.6 7.5 11.3

68 6.0 4.6 7.0

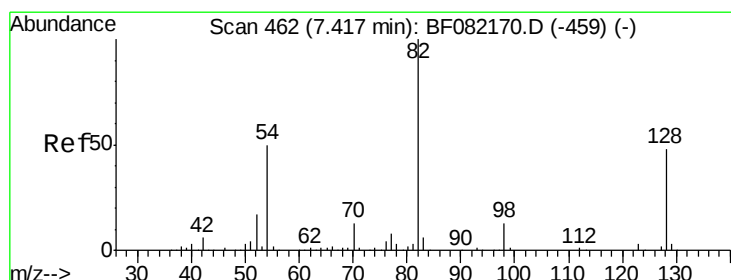
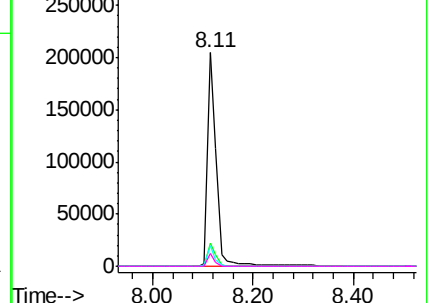


Abundance Ion 136.00 (135.70 to 136.70): E

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: 128.34 ng

RT: 7.41 min Scan# 461

Delta R.T. 0.00 min

Lab File: BF082241.D

Acq: 13 Oct 2015 3:59

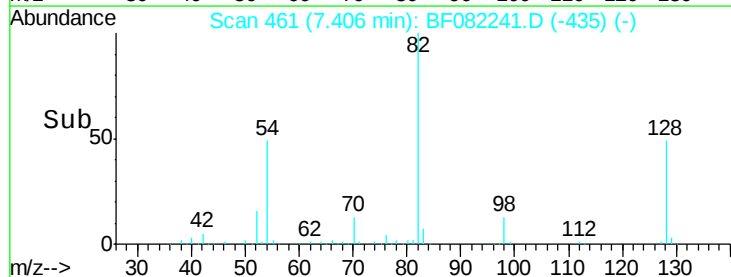
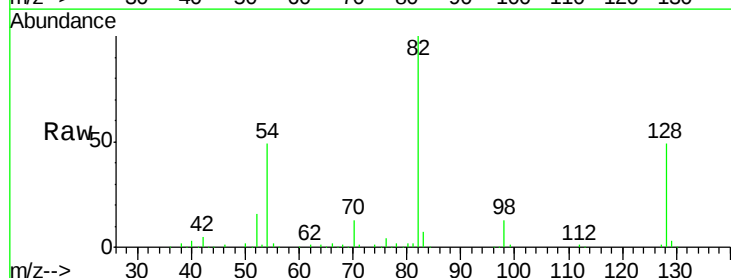
Tgt Ion: 82 Resp: 474448

Ion Ratio Lower Upper

82 100

128 48.6 38.7 58.1

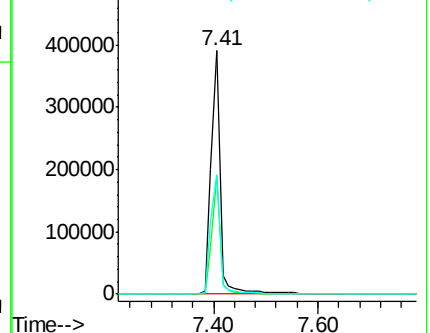
54 48.9 40.1 60.1

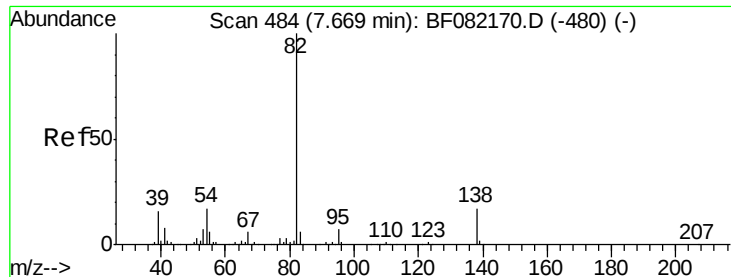


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 64.66 ng

RT: 7.41 min Scan# 461

Delta R.T. -0.25 min

Lab File: BF082241.D

Acq: 13 Oct 2015 3:59

Instrument :

BNA_F

ClientSampleId :

TE-PMW-11M

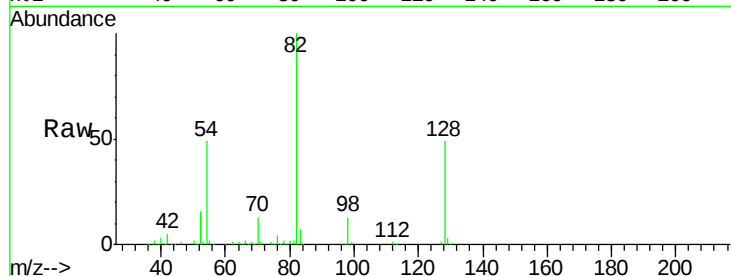
Tot Ion: 82 Resp: 482438

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

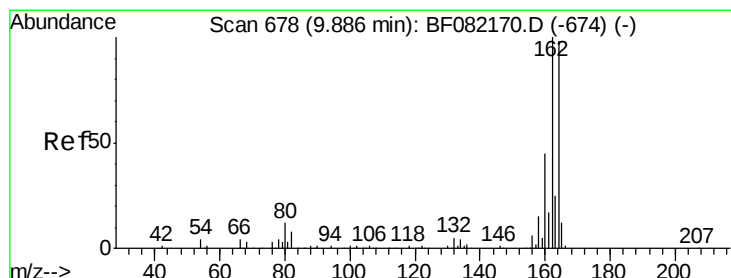
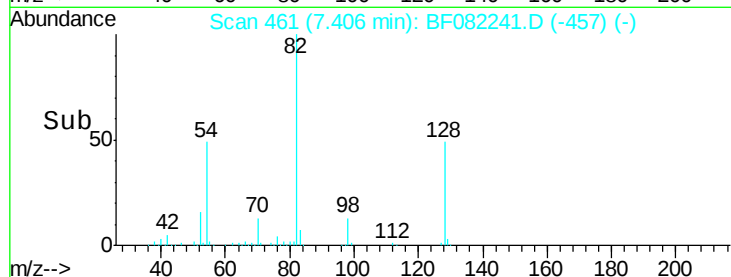
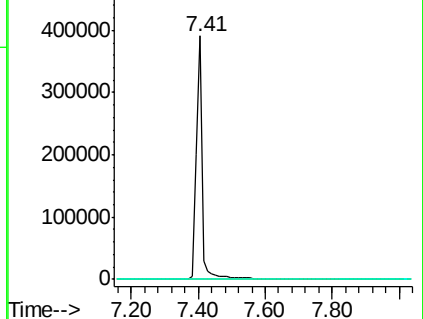
138 0.0 13.6 20.4#



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): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.87 min Scan# 677

Delta R.T. 0.00 min

Lab File: BF082241.D

Acq: 13 Oct 2015 3:59

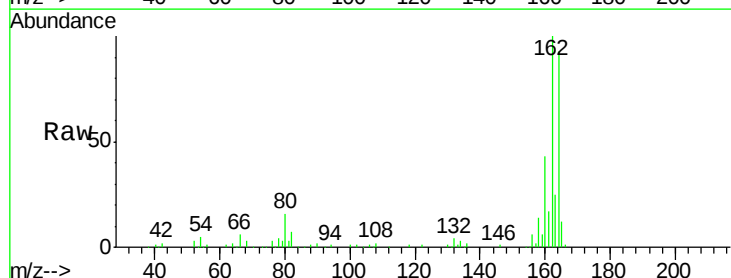
Tgt Ion: 164 Resp: 128727

Ion Ratio Lower Upper

164 100

162 107.0 81.6 122.4

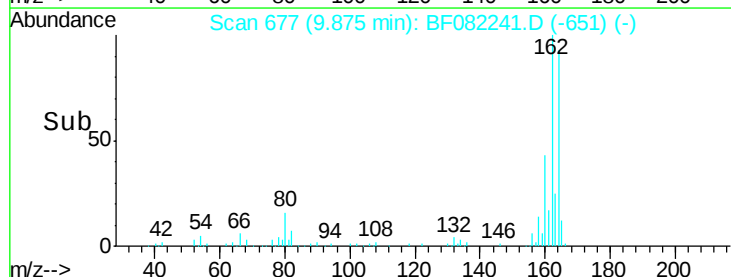
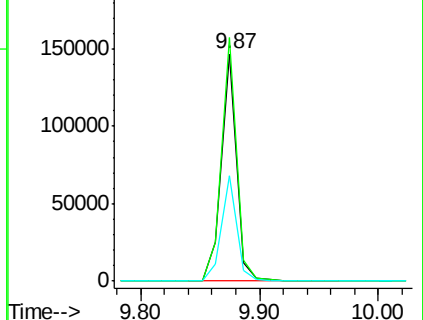
160 46.2 36.4 54.6

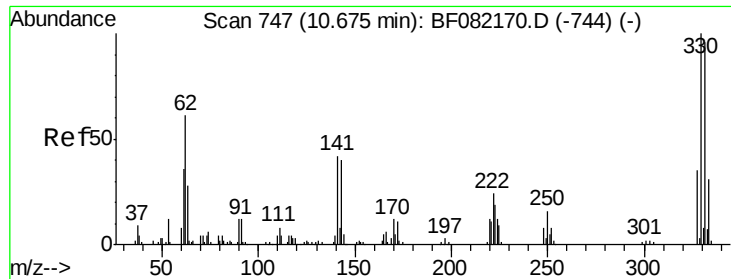


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

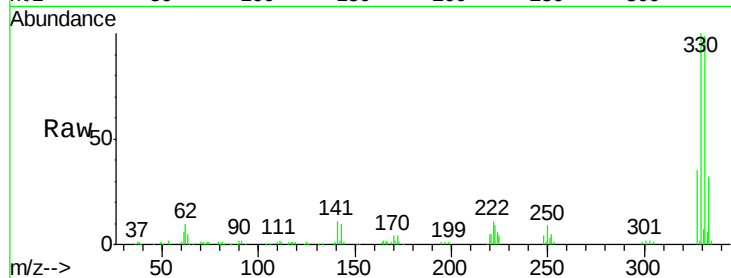




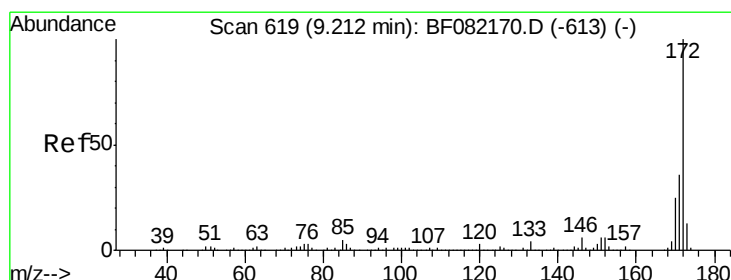
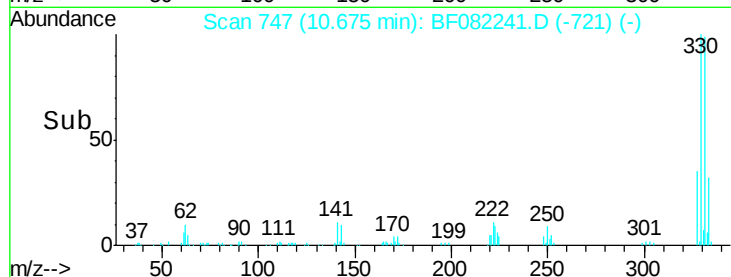
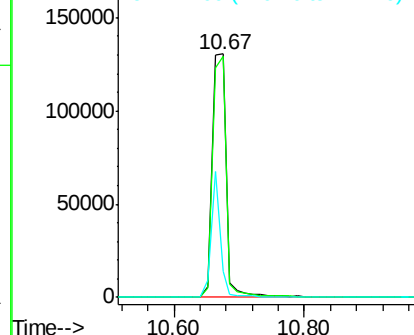
#41
 2,4,6-Tribromophenol
 Concen: 163.72 ng
 RT: 10.67 min Scan# 747
 Delta R.T. 0.00 min
 Lab File: BF082241.D
 Acq: 13 Oct 2015 3:59

Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW-11M

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.1	115.7
141	33.5	29.8	44.8

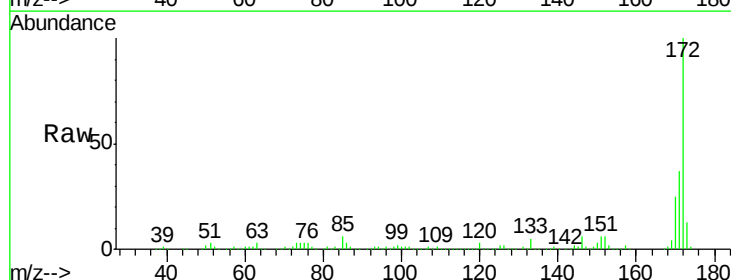


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

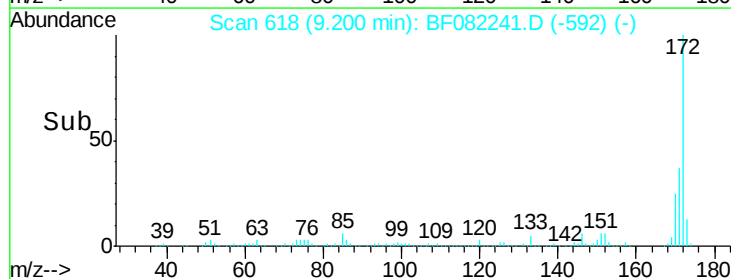
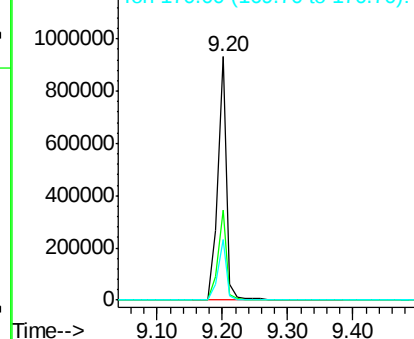


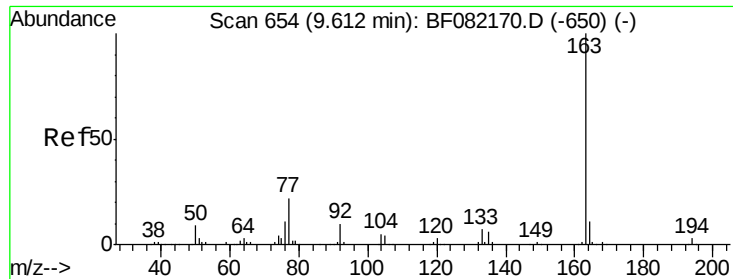
#44
 2-Fluorobiphenyl
 Concen: 116.13 ng
 RT: 9.20 min Scan# 618
 Delta R.T. 0.00 min
 Lab File: BF082241.D
 Acq: 13 Oct 2015 3:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	28.6	42.8
170	25.0	19.7	29.5



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

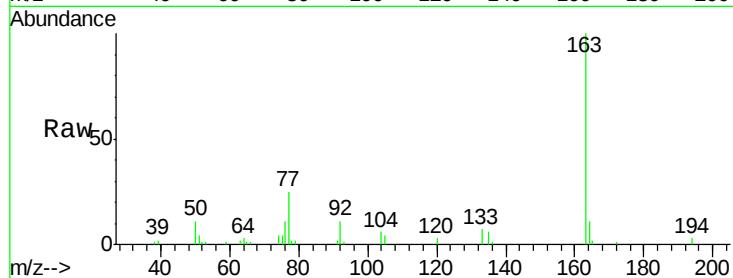




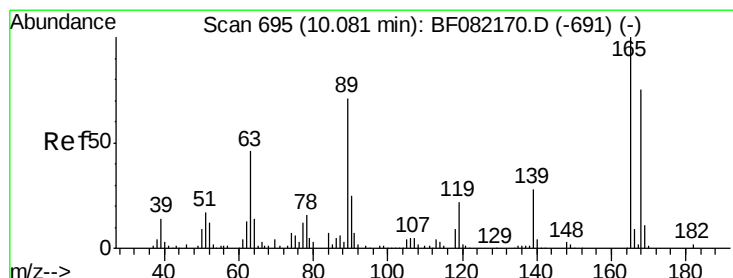
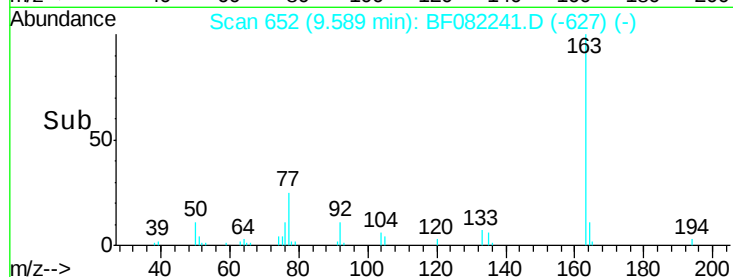
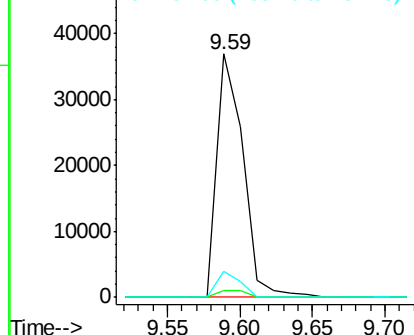
#49
Dimethylphthalate
Concen: 5.10 ng
RT: 9.59 min Scan# 652
Delta R.T. -0.01 min
Lab File: BF082241.D
Acq: 13 Oct 2015 3:59

Instrument :
BNA_F
ClientSampleId :
TE-PMW-11M

Tot Ion:163 Resp: 46205
Ion Ratio Lower Upper
163 100
194 3.0 2.6 4.0
164 10.8 8.5 12.7

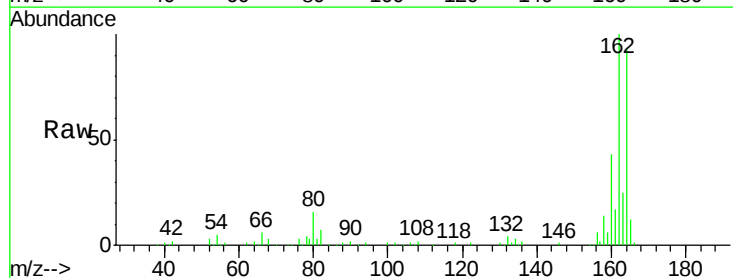


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

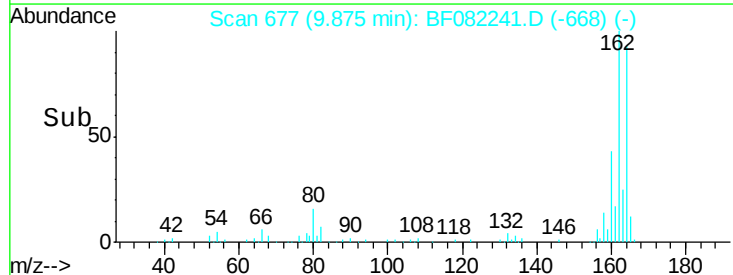
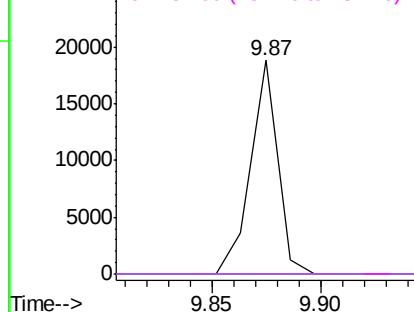


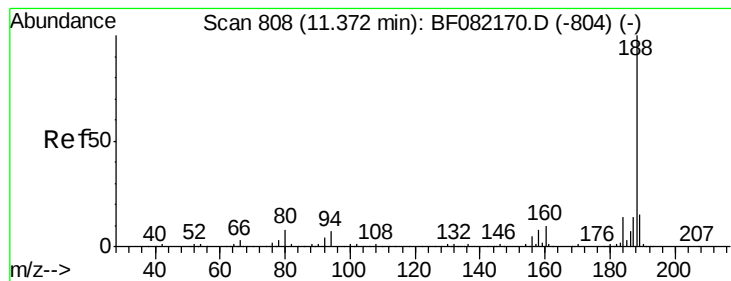
#56
2,4-Dinitrotoluene
Concen: 6.80 ng
RT: 9.87 min Scan# 677
Delta R.T. -0.19 min
Lab File: BF082241.D
Acq: 13 Oct 2015 3:59

Tgt Ion:165 Resp: 16267
Ion Ratio Lower Upper
165 100
63 0.0 38.6 58.0#
89 0.0 57.0 85.6#
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: 11.36 min Scan# 807

Delta R.T. 0.00 min

Lab File: BF082241.D

Acq: 13 Oct 2015 3:59

Instrument :

BNA_F

ClientSampleId :

TE-PMW-11M

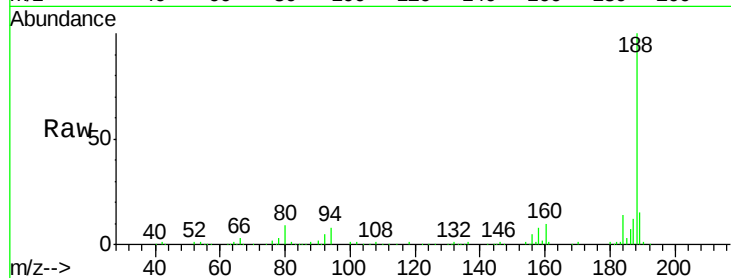
Tot Ion:188 Resp: 259843

Ion Ratio Lower Upper

188 100

94 8.0 5.8 8.6

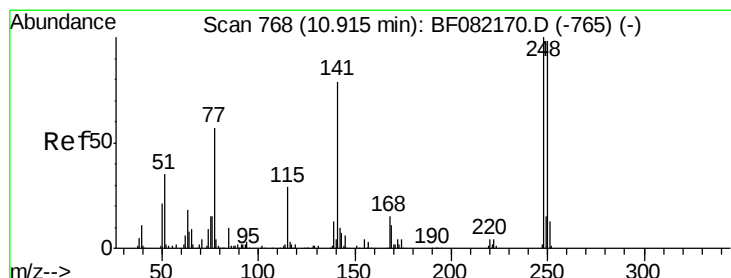
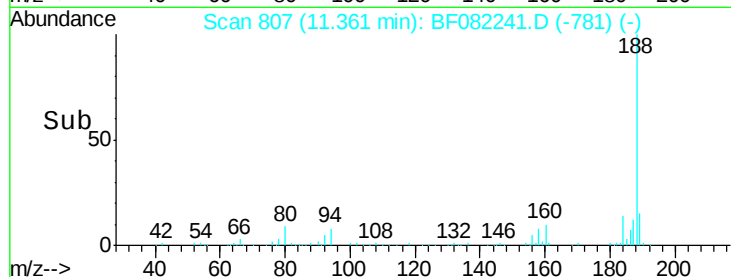
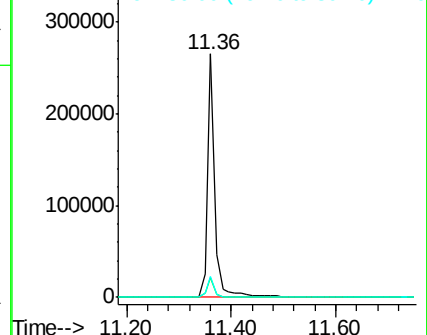
80 8.7 6.4 9.6



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: 4.77 ng

RT: 10.66 min Scan# 746

Delta R.T. -0.25 min

Lab File: BF082241.D

Acq: 13 Oct 2015 3:59

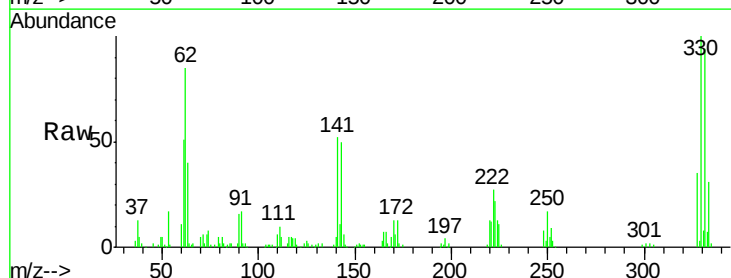
Tgt Ion:248 Resp: 12398

Ion Ratio Lower Upper

248 100

250 203.9 78.6 117.8#

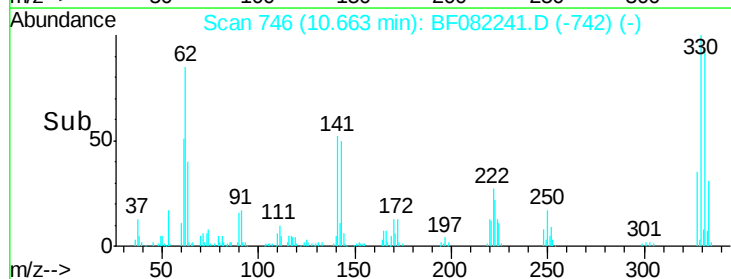
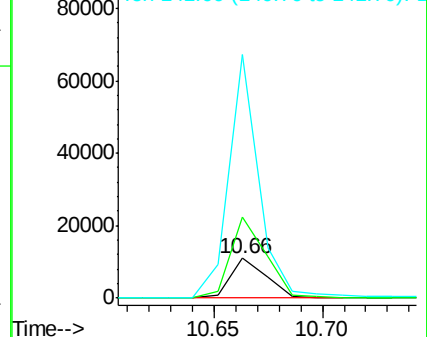
141 614.8 63.3 94.9#

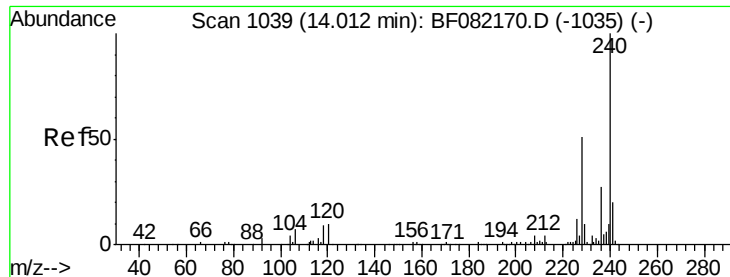


Abundance Ion 248.00 (247.70 to 248.70): E

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: 14.00 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF082241.D

Acq: 13 Oct 2015 3:59

Instrument :

BNA_F

ClientSampleId :

TE-PMW-11M

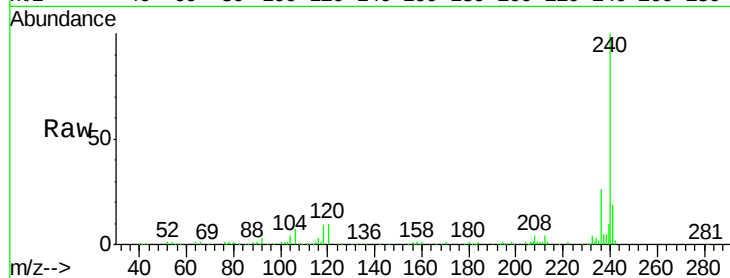
Tot Ion:240 Resp: 253475

Ion Ratio Lower Upper

240 100

120 9.9 8.1 12.1

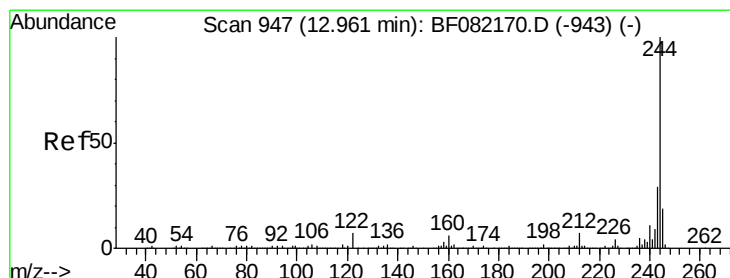
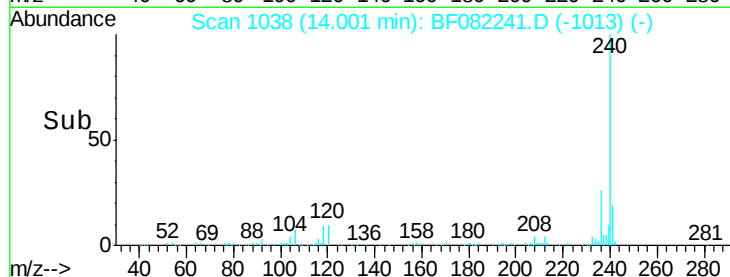
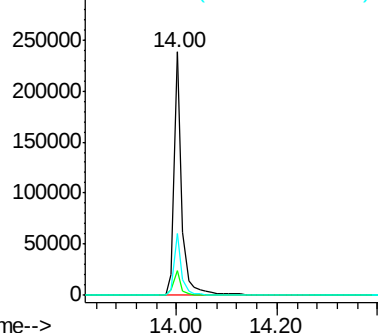
236 25.6 21.3 31.9



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: 97.45 ng

RT: 12.95 min Scan# 946

Delta R.T. 0.00 min

Lab File: BF082241.D

Acq: 13 Oct 2015 3:59

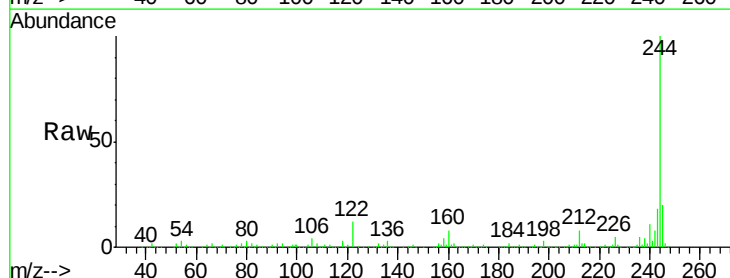
Tgt Ion:244 Resp: 932149

Ion Ratio Lower Upper

244 100

212 7.8 5.8 8.6

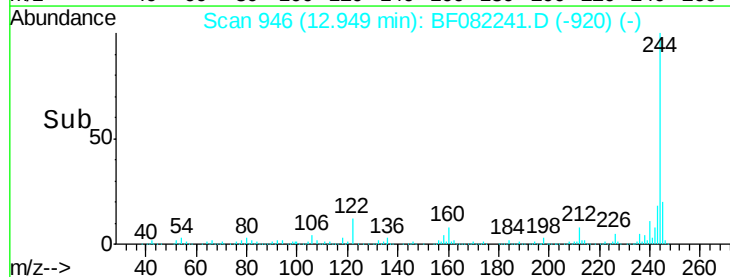
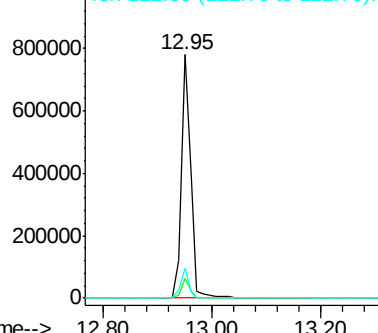
122 12.4 5.9 8.9#

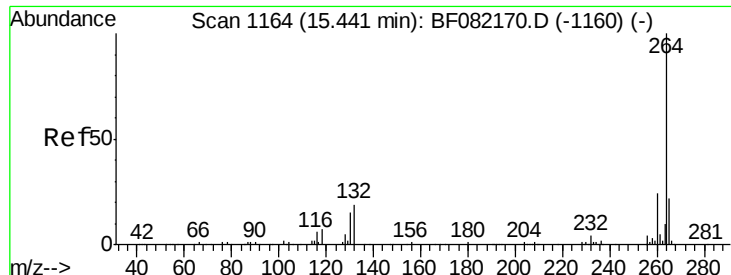


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

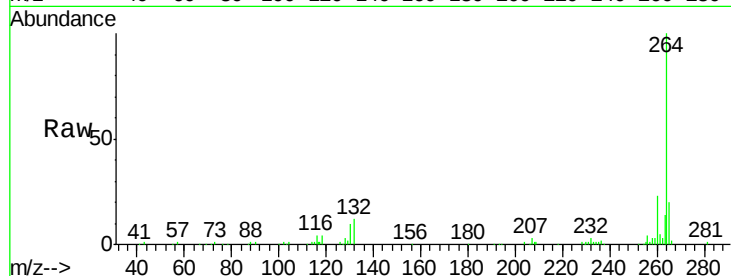




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 1164
Delta R.T. 0.00 min
Lab File: BF082241.D
Acq: 13 Oct 2015 3:59

Instrument :
BNA_F
ClientSampleId :
TE-PMW-11M

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.0	28.6
265	20.2	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

