

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080315\
 Data File : BF080824.D
 Acq On : 4 Aug 2015 3:11
 Operator : TP
 Sample : PB84815BL
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84815BL

Quant Time: Aug 04 04:47:55 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 04 01:58:34 2015
 Response via : Initial Calibration

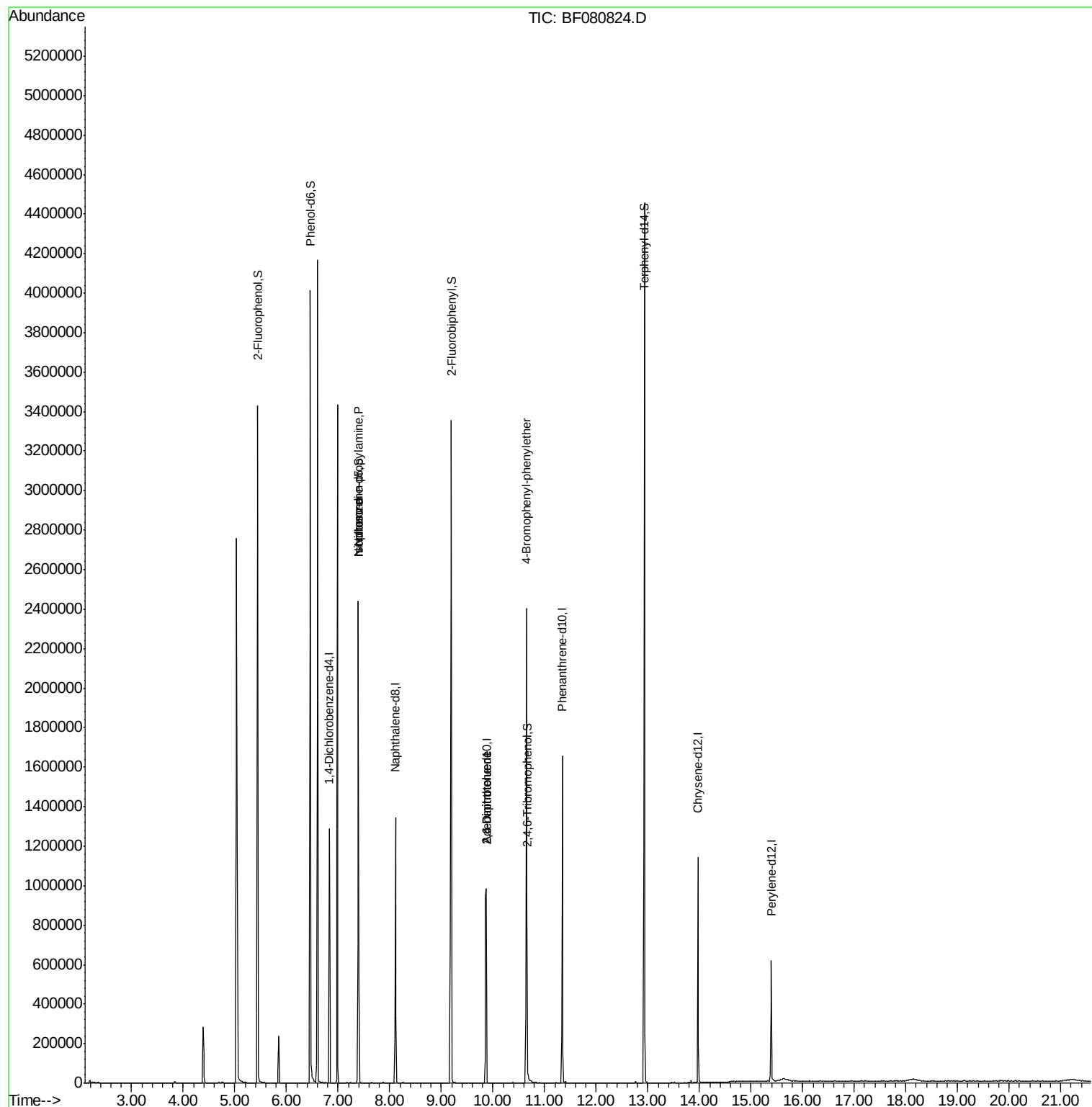
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	165951	20.00	ng	-0.01
21) Naphthalene-d8	8.11	136	599822	20.00	ng	-0.01
38) Acenaphthene-d10	9.87	164	296206	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	572388	20.00	ng	0.00
75) Chrysene-d12	13.97	240	371887	20.00	ng	-0.01
86) Perylene-d12	15.39	264	307089	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1161949	116.73	ng	0.01
7) Phenol-d6	6.46	99	1532176	114.43	ng	0.00
23) Nitrobenzene-d5	7.39	82	827243	68.06	ng	-0.01
41) 2,4,6-Tribromophenol	10.66	330	340977	120.13	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	1598468	81.57	ng	0.00
78) Terphenyl-d14	12.93	244	1344825	72.07	ng	0.00
Target Compounds						
9) Benzaldehyde	6.46	77	2006	Below Cal	#	2
19) n-Nitroso-di-n-propylamine	7.39	70	110807	12.79	ng	# 76
25) Isophorone	7.39	82	665225	30.60	ng	# 66
50) 2,6-Dinitrotoluene	9.87	165	36811	8.64	ng	# 12
56) 2,4-Dinitrotoluene	9.87	165	36811	6.83	ng	# 12
66) 4-Bromophenyl-phenylether	10.65	248	19708	3.13	ng	# 1

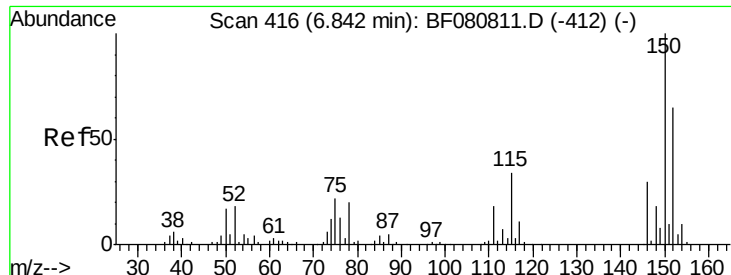
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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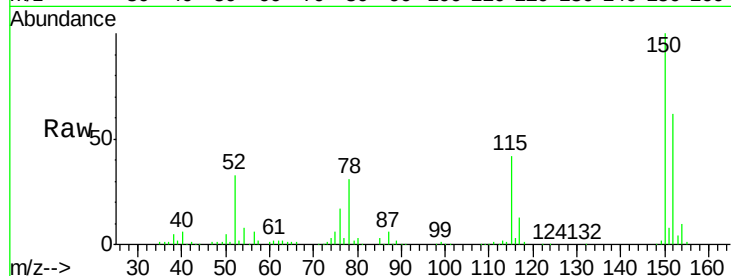


#1

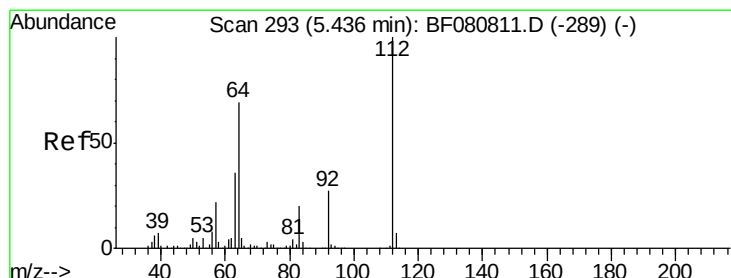
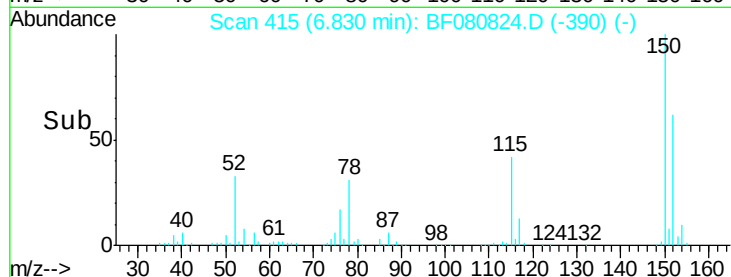
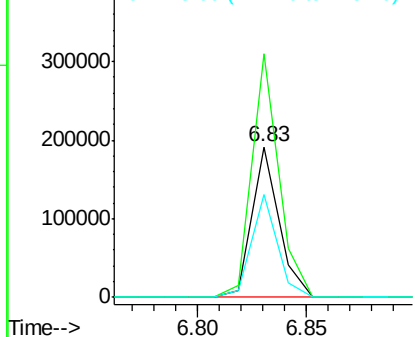
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.83 min Scan# 415
Delta R.T. -0.01 min
Lab File: BF080824.D
Acq: 4 Aug 2015 3:11

Instrument :
BNA_F
ClientSampleId :
PB84815BL

Tot Ion:152 Resp: 165951
Ion Ratio Lower Upper
152 100
150 161.9 122.9 184.3
115 68.0 42.0 63.0#



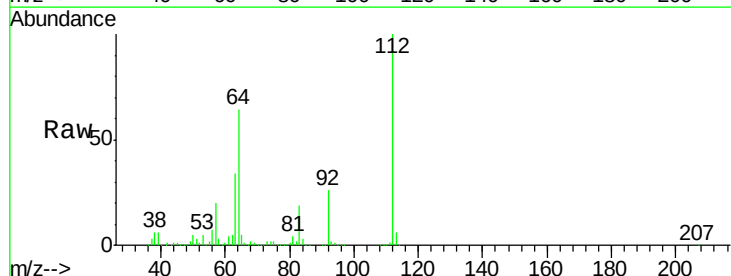
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



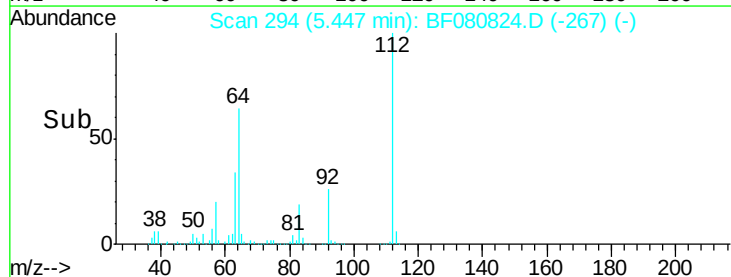
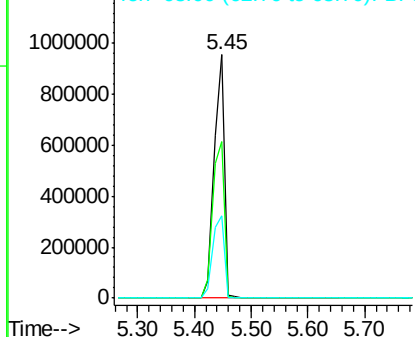
#5

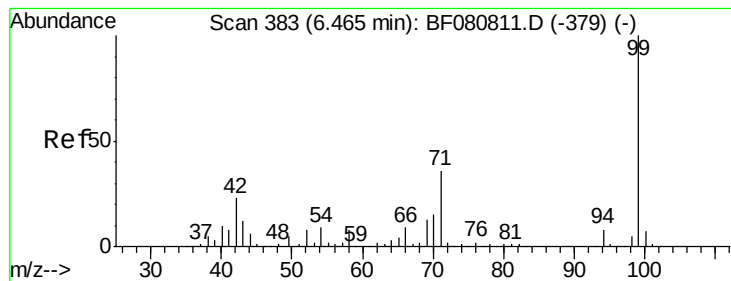
2-Fluorophenol
Concen: 116.73 ng
RT: 5.45 min Scan# 294
Delta R.T. 0.01 min
Lab File: BF080824.D
Acq: 4 Aug 2015 3:11

Tgt Ion:112 Resp: 1161949
Ion Ratio Lower Upper
112 100
64 64.1 55.0 82.4
63 33.8 28.6 42.8



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: 114.43 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.00 min

Lab File: BF080824.D

Acq: 4 Aug 2015 3:11

Instrument :

BNA_F

ClientSampleId :

PB84815BL

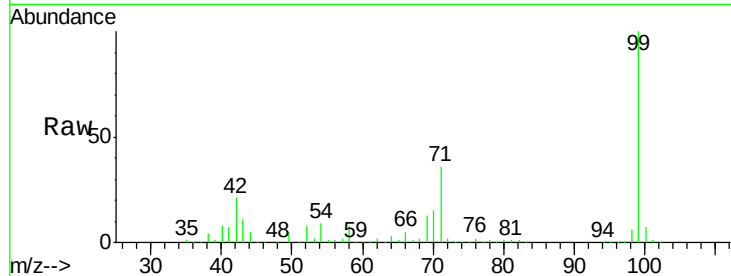
Tot Ion: 99 Resp: 1532176

Ion Ratio Lower Upper

99 100

42 21.4 18.4 27.6

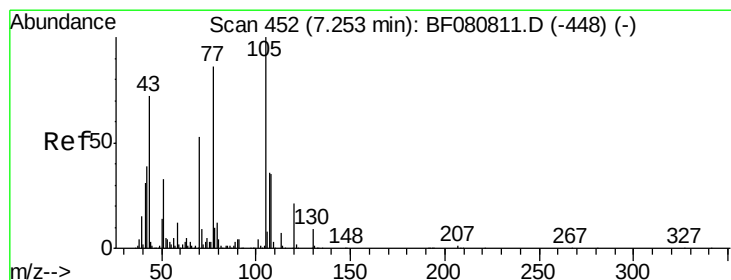
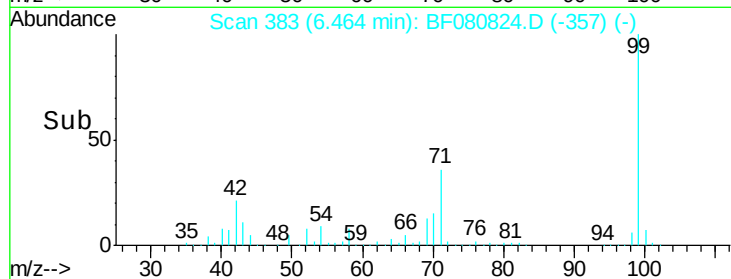
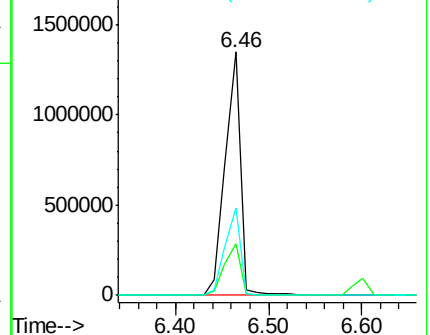
71 35.7 28.7 43.1



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: 12.79 ng

RT: 7.39 min Scan# 464

Delta R.T. 0.14 min

Lab File: BF080824.D

Acq: 4 Aug 2015 3:11

Tgt Ion: 70 Resp: 110807

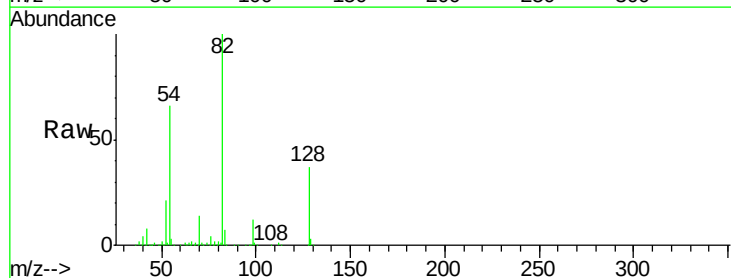
Ion Ratio Lower Upper

70 100

42 55.4 59.1 88.7#

101 0.0 6.6 10.0#

130 1.5 12.9 19.3#

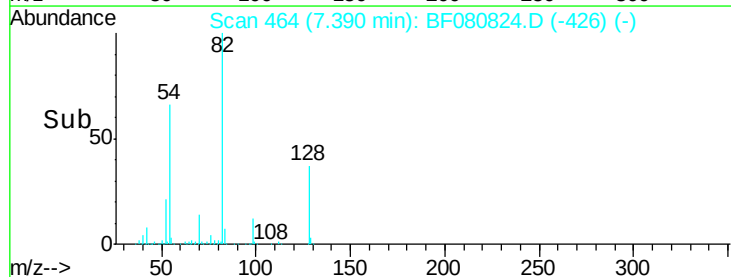
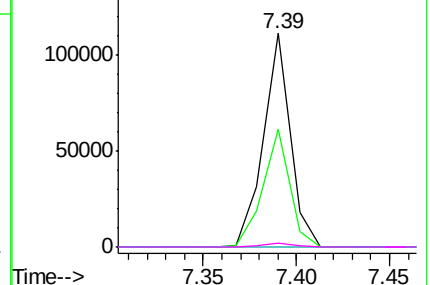


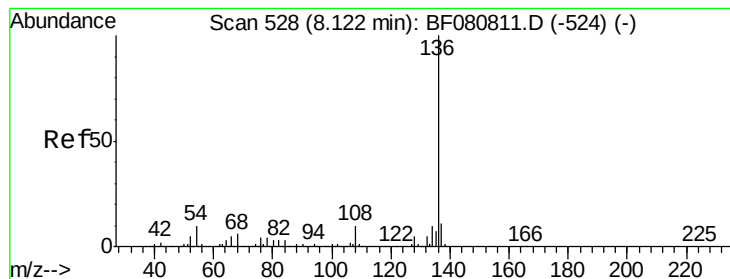
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.11 min Scan# 527

Delta R.T. -0.01 min

Lab File: BF080824.D

Acq: 4 Aug 2015 3:11

Instrument :

BNA_F

ClientSampleId :

PB84815BL

Tot Ion:136 Resp: 599822

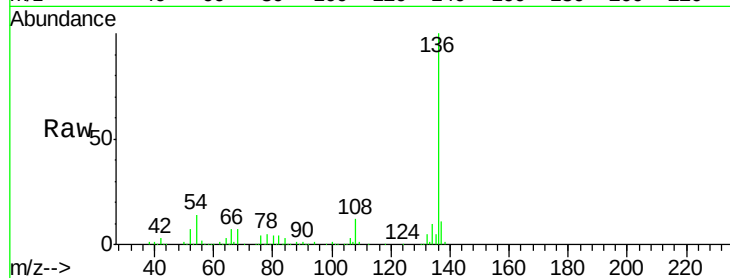
Ion Ratio Lower Upper

136 100

137 11.4 8.8 13.2

54 14.0 7.9 11.9#

68 7.1 4.4 6.6#

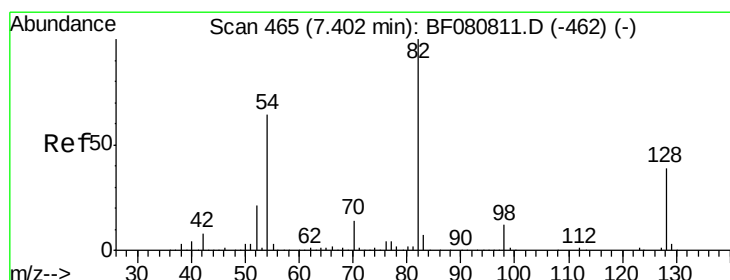
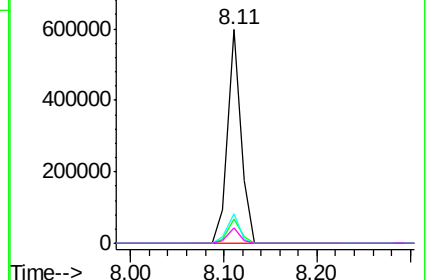
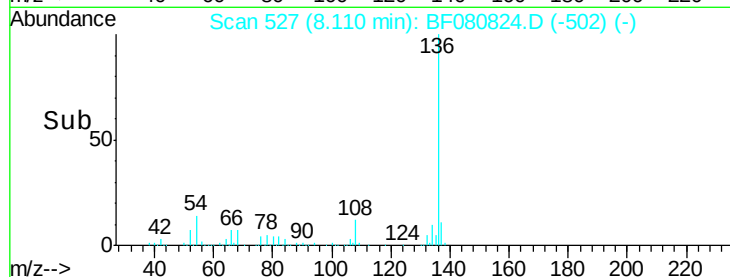


Abundance Ion 136.00 (135.70 to 136.70): E

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: 68.06 ng

RT: 7.39 min Scan# 464

Delta R.T. -0.01 min

Lab File: BF080824.D

Acq: 4 Aug 2015 3:11

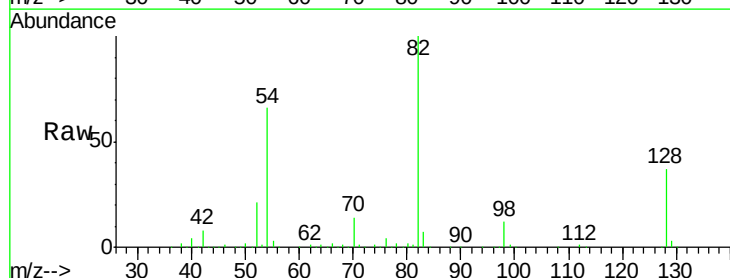
Tgt Ion: 82 Resp: 827243

Ion Ratio Lower Upper

82 100

128 36.7 31.4 47.0

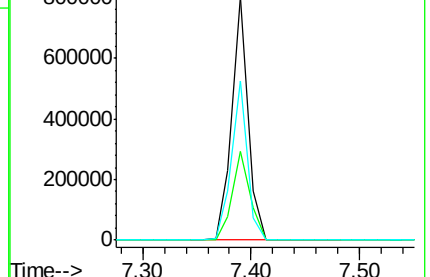
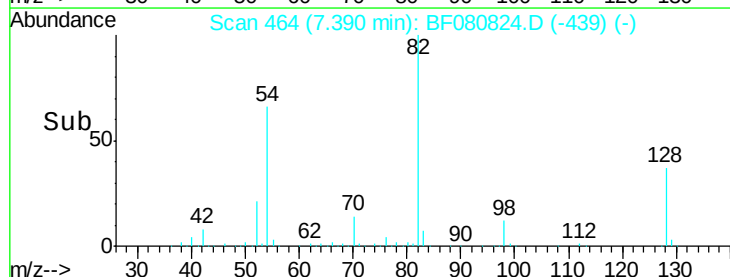
54 65.6 51.0 76.4

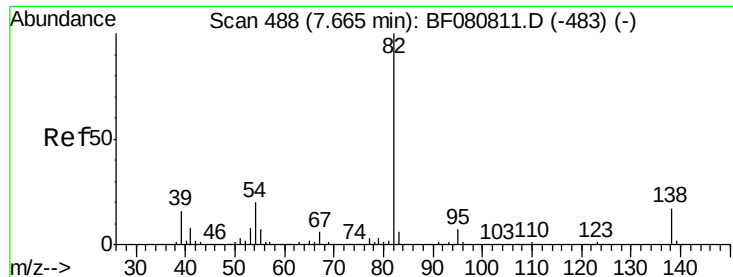


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 30.60 ng

RT: 7.39 min Scan# 464

Delta R.T. -0.27 min

Lab File: BF080824.D

Acq: 4 Aug 2015 3:11

Instrument :

BNA_F

ClientSampleID :

PB84815BL

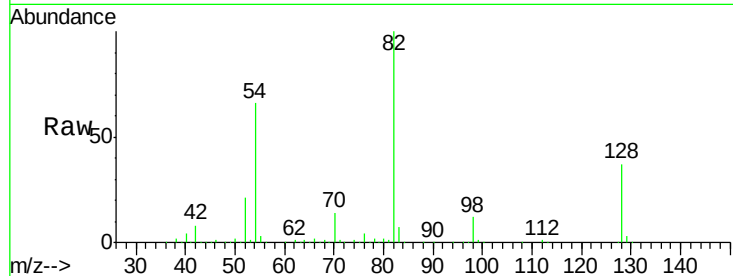
Tot Ion: 82 Resp: 665225

Ion Ratio Lower Upper

82 100

95 0.0 5.9 8.9#

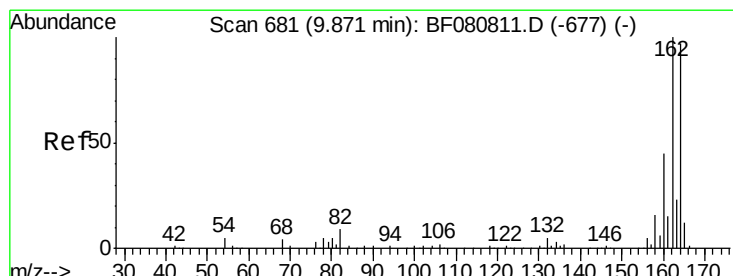
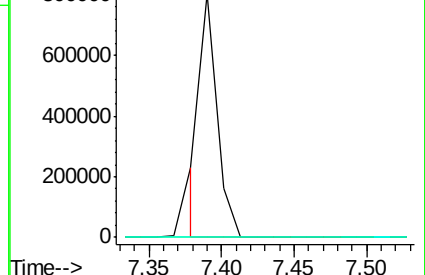
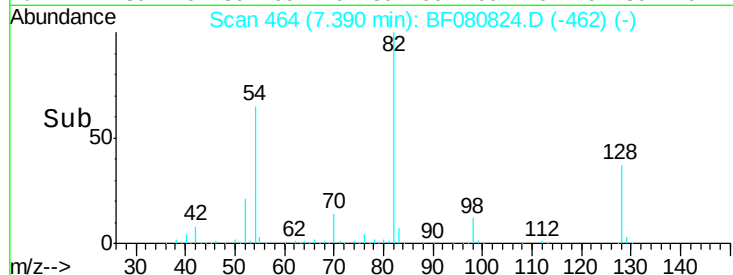
138 0.0 13.4 20.2#



Abundance Ion 82.00 (81.70 to 82.70): BF080824.D (-462) (-)

Ion 95.00 (94.70 to 95.70): BF080824.D (-462) (-)

Ion 138.00 (137.70 to 138.70): BF080824.D (-462) (-)



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.87 min Scan# 681

Delta R.T. -0.00 min

Lab File: BF080824.D

Acq: 4 Aug 2015 3:11

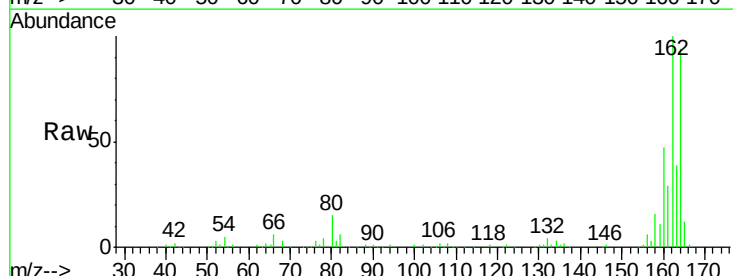
Tgt Ion: 164 Resp: 296206

Ion Ratio Lower Upper

164 100

162 106.2 82.3 123.5

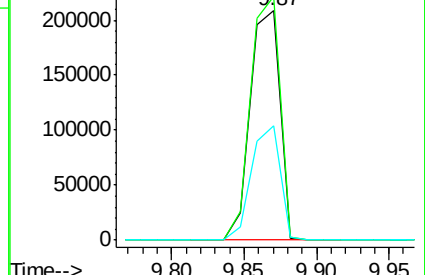
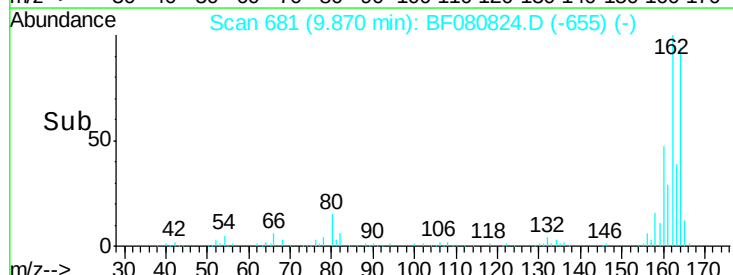
160 50.0 37.3 55.9

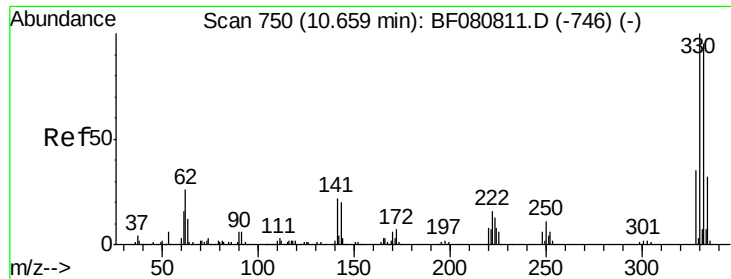


Abundance Ion 164.00 (163.70 to 164.70): BF080824.D (-655) (-)

Ion 162.00 (161.70 to 162.70): BF080824.D (-655) (-)

Ion 160.00 (159.70 to 160.70): BF080824.D (-655) (-)

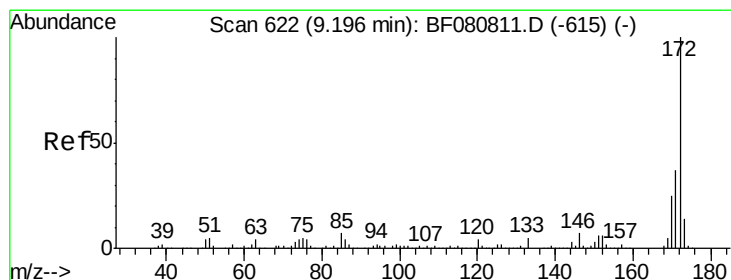
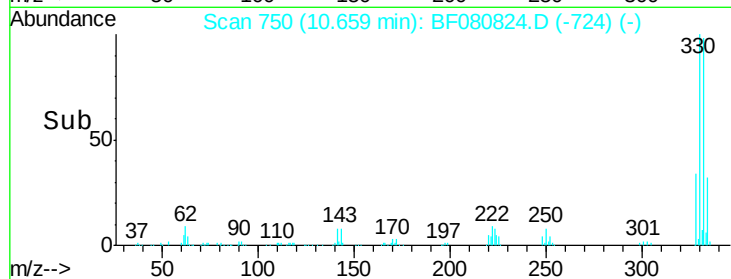
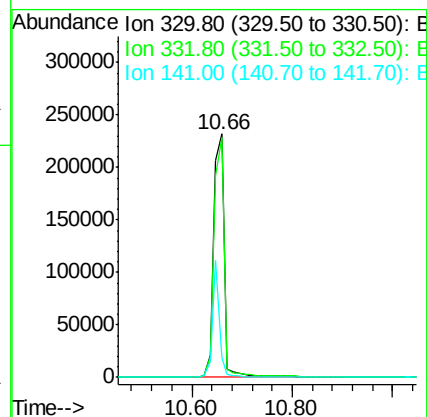
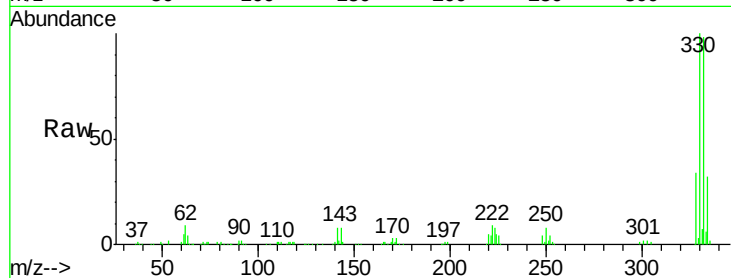




#41
 2,4,6-Tribromophenol
 Concen: 120.13 ng
 RT: 10.66 min Scan# 750
 Delta R.T. -0.00 min
 Lab File: BF080824.D
 Acq: 4 Aug 2015 3:11

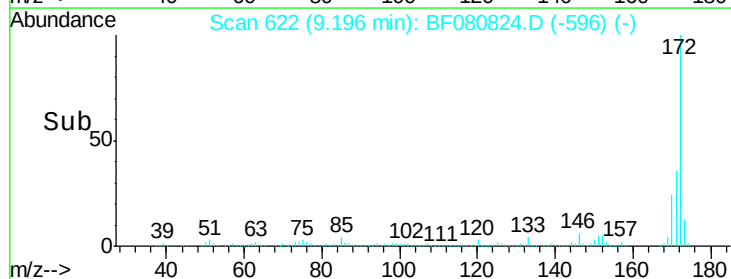
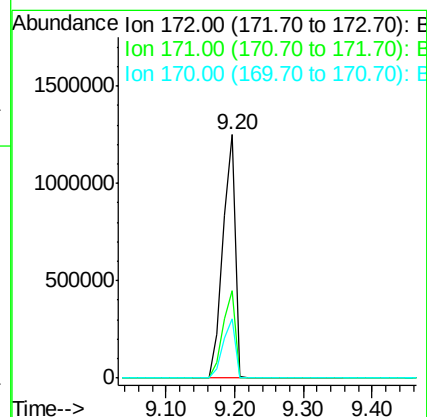
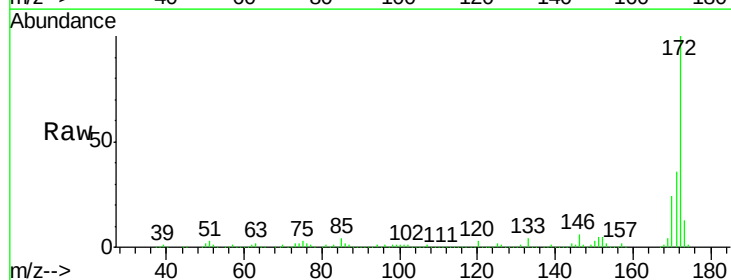
Instrument :
 BNA_F
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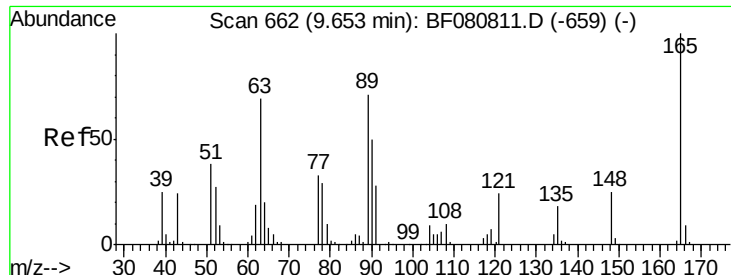
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.2	114.4
141	31.7	25.4	38.0



#44
 2-Fluorobiphenyl
 Concen: 81.57 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.00 min
 Lab File: BF080824.D
 Acq: 4 Aug 2015 3:11

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	30.0	45.0
170	24.4	20.2	30.4

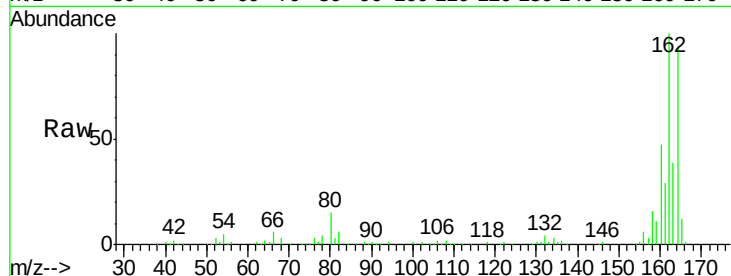




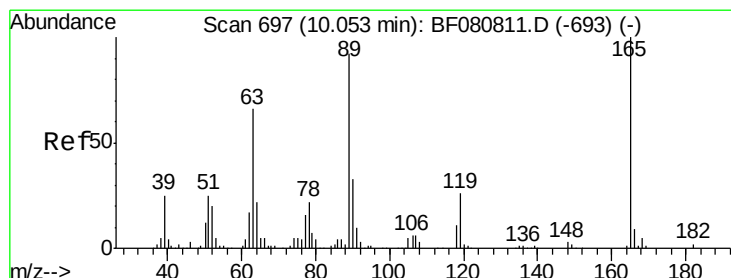
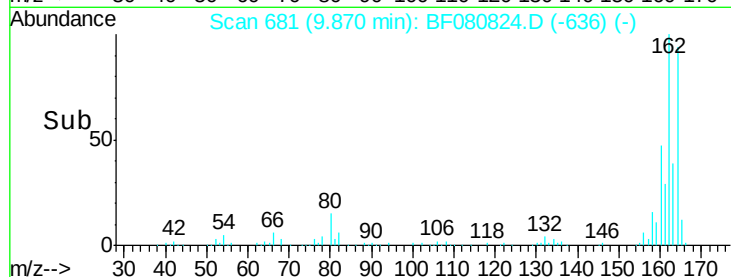
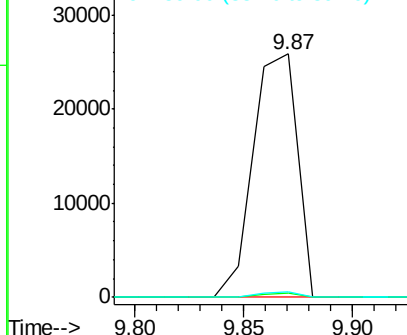
#50
2,6-Dinitrotoluene
Concen: 8.64 ng
RT: 9.87 min Scan# 681
Delta R.T. 0.22 min
Lab File: BF080824.D
Acq: 4 Aug 2015 3:11

Instrument :
BNA_F
ClientSampleId :
PB84815BL

Tot Ion:165 Resp: 36811
Ion Ratio Lower Upper
165 100
63 1.8 68.2 102.4#
89 2.3 56.9 85.3#



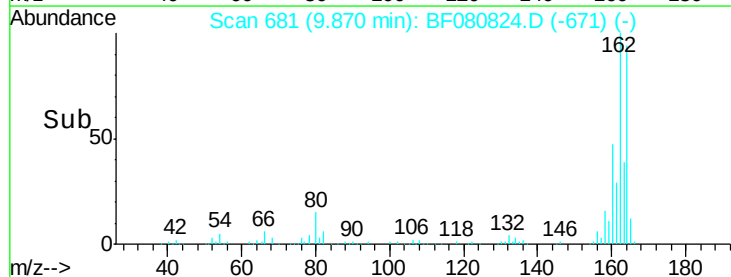
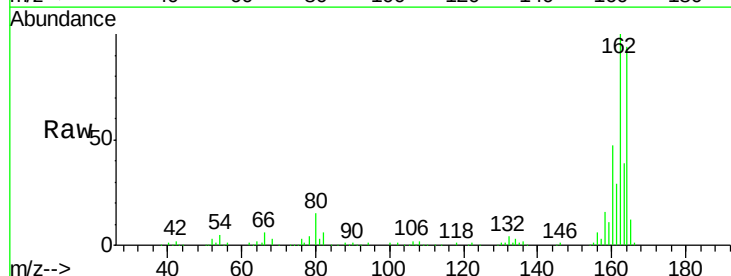
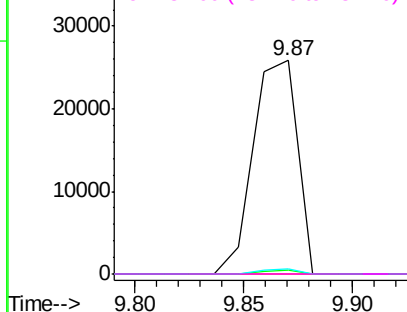
Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

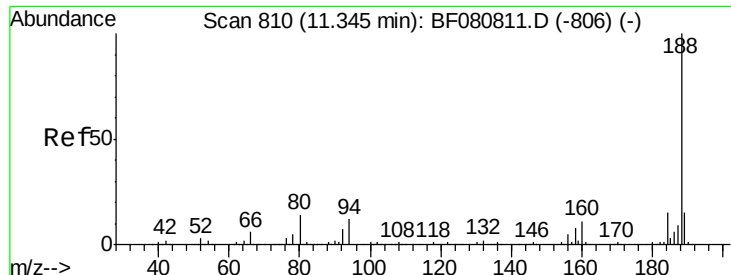


#56
2,4-Dinitrotoluene
Concen: 6.83 ng
RT: 9.87 min Scan# 681
Delta R.T. -0.18 min
Lab File: BF080824.D
Acq: 4 Aug 2015 3:11

Tgt Ion:165 Resp: 36811
Ion Ratio Lower Upper
165 100
63 1.8 53.3 79.9#
89 2.3 73.5 110.3#
182 0.0 1.7 2.5#

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
Ion 182.00 (181.70 to 182.70): E

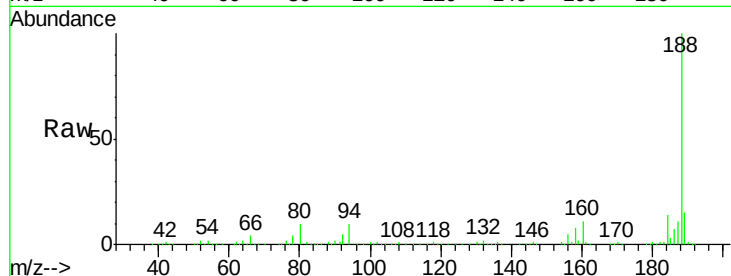




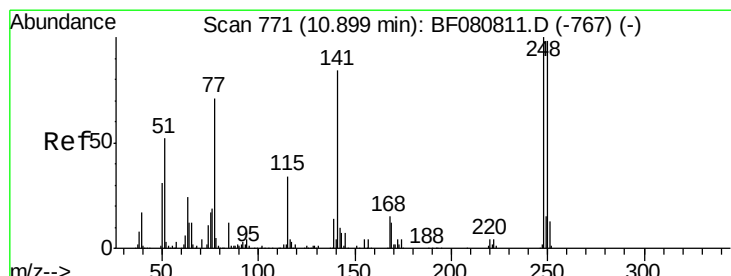
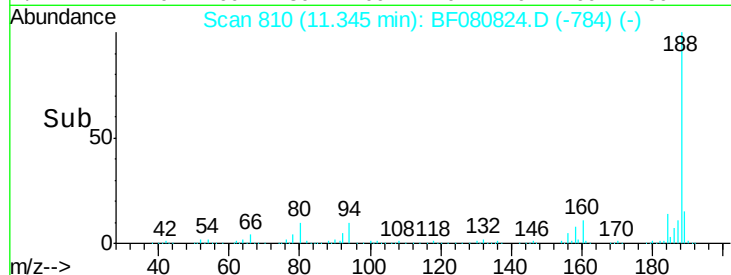
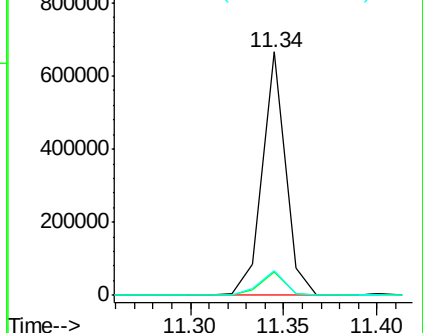
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.34 min Scan# 810
 Delta R.T. -0.00 min
 Lab File: BF080824.D
 Acq: 4 Aug 2015 3:11

Instrument :
 BNA_F
 ClientSampleId :
 PB84815BL

Tot Ion:188 Resp: 572388
 Ion Ratio Lower Upper
 188 100
 94 9.6 9.7 14.5#
 80 10.3 11.2 16.8#

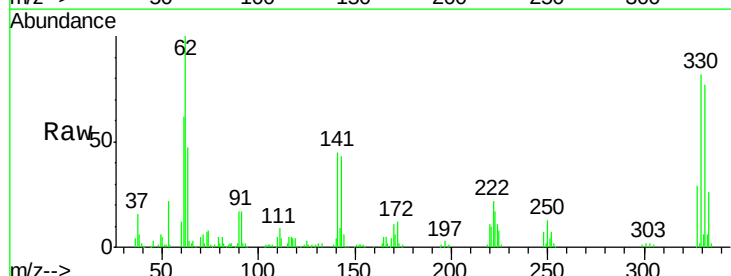


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

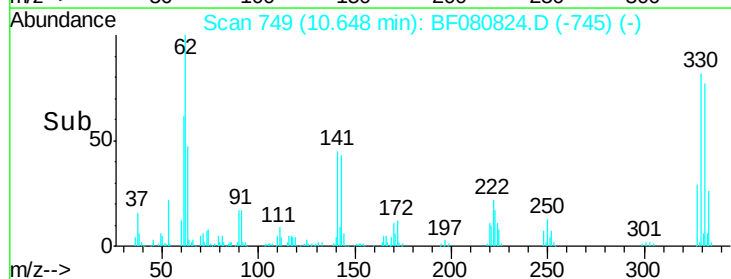
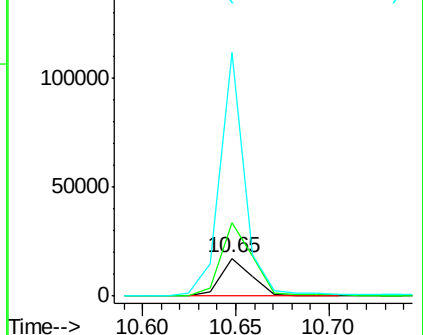


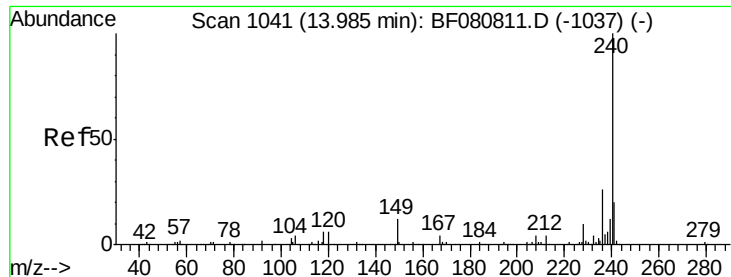
#66
 4-Bromophenyl-phenylether
 Concen: 3.13 ng
 RT: 10.65 min Scan# 749
 Delta R.T. -0.25 min
 Lab File: BF080824.D
 Acq: 4 Aug 2015 3:11

Tgt Ion:248 Resp: 19708
 Ion Ratio Lower Upper
 248 100
 250 195.3 78.4 117.6#
 141 648.6 67.3 100.9#



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: 13.97 min Scan# 1040

Delta R.T. -0.01 min

Lab File: BF080824.D

Acq: 4 Aug 2015 3:11

Instrument :

BNA_F

ClientSampled :

PB84815BL

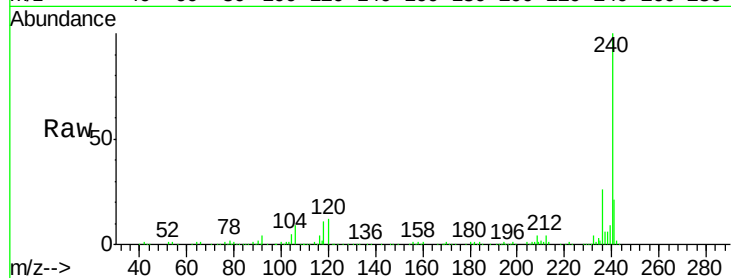
Tot Ion:240 Resp: 371887

Ion Ratio Lower Upper

240 100

120 12.1 5.0 7.4#

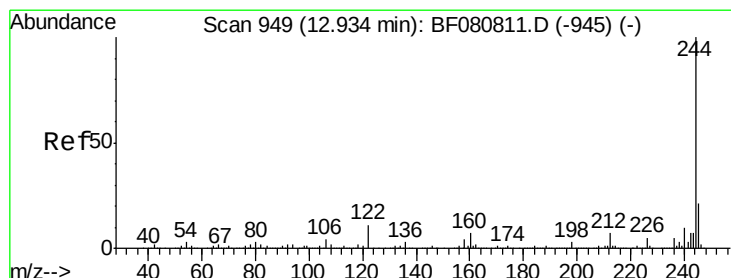
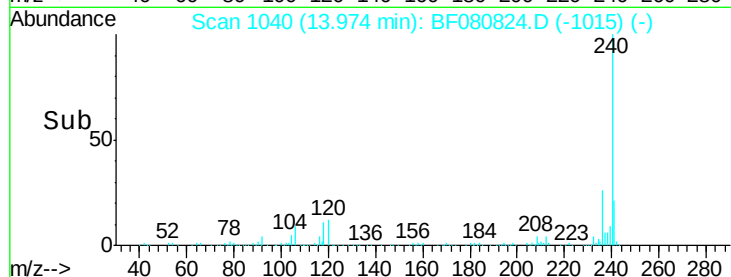
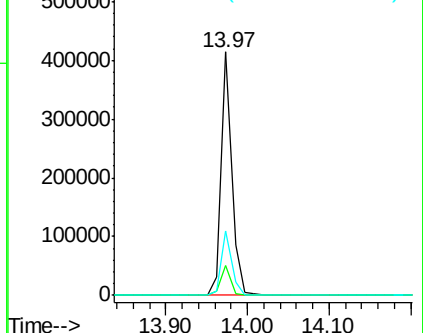
236 26.4 20.8 31.2



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: 72.07 ng

RT: 12.93 min Scan# 949

Delta R.T. -0.00 min

Lab File: BF080824.D

Acq: 4 Aug 2015 3:11

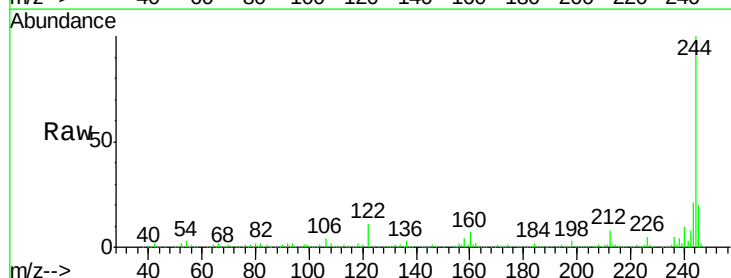
Tgt Ion:244 Resp: 1344825

Ion Ratio Lower Upper

244 100

212 7.9 5.8 8.8

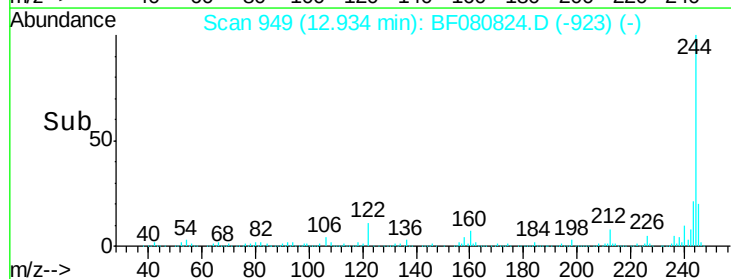
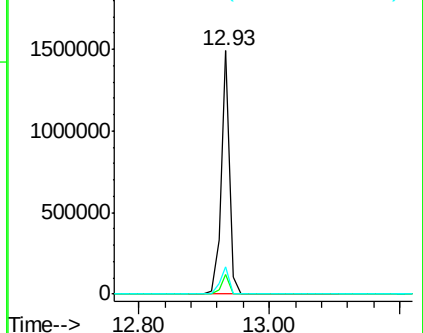
122 11.0 9.1 13.7

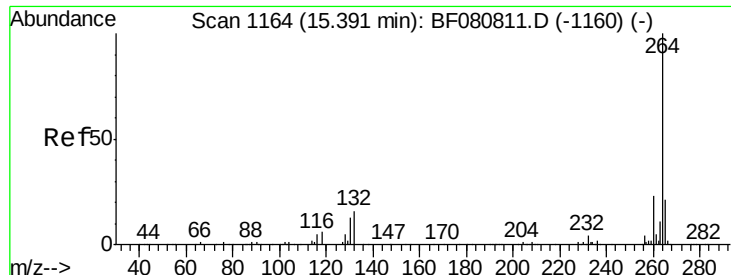


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

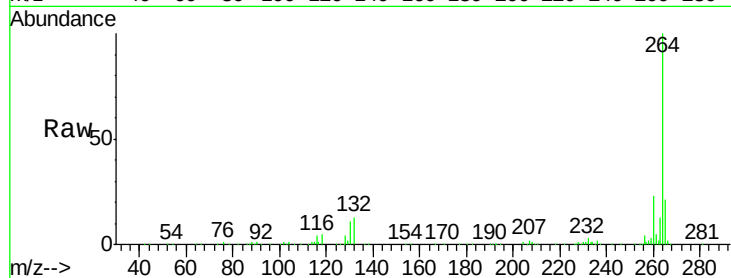




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.39 min Scan# 1164
Delta R.T. -0.00 min
Lab File: BF080824.D
Acq: 4 Aug 2015 3:11

Instrument :
BNA_F
ClientSampleId :
PB84815BL

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.3	27.5
265	21.4	17.0	25.6



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

