

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090315\
 Data File : BF081380.D
 Acq On : 3 Sep 2015 17:05
 Operator : UM/IZ
 Sample : PB85348BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB85348BL

Quant Time: Sep 04 02:04:26 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 04 02:03:29 2015
 Response via : Initial Calibration

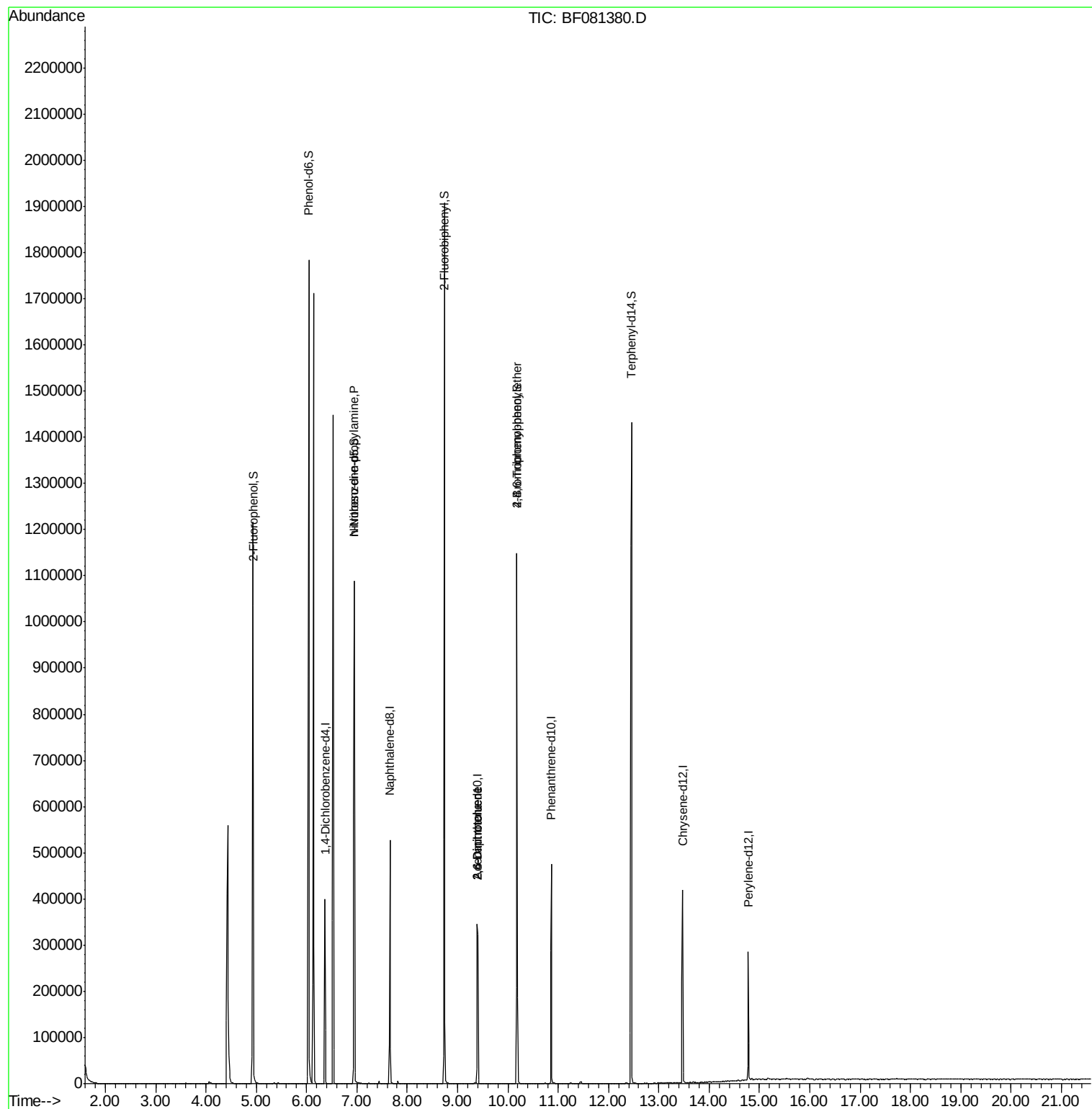
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.36	152	56143	20.00	ng	-0.01
21) Naphthalene-d8	7.66	136	223540	20.00	ng	-0.01
38) Acenaphthene-d10	9.39	164	102088	20.00	ng	-0.01
63) Phenanthrene-d10	10.87	188	223801	20.00	ng	0.00
75) Chrysene-d12	13.47	240	177829	20.00	ng	0.00
86) Perylene-d12	14.78	264	104093	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.94	112	427143	118.04	ng	0.02
7) Phenol-d6	6.04	99	632591	132.07	ng	0.00
23) Nitrobenzene-d5	6.95	82	397529	85.80	ng	0.00
41) 2,4,6-Tribromophenol	10.18	330	100431	110.49	ng	-0.01
44) 2-Fluorobiphenyl	8.74	172	593877	74.55	ng	-0.01
78) Terphenyl-d14	12.46	244	640874	83.89	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.95	70	53836	16.51	ng	# 61
50) 2,6-Dinitrotoluene	9.39	165	12982	7.21	ng	# 37
56) 2,4-Dinitrotoluene	9.39	165	12982	5.66	ng	# 31
66) 4-Bromophenyl-phenylether	10.18	248	7745	3.42	ng	# 1

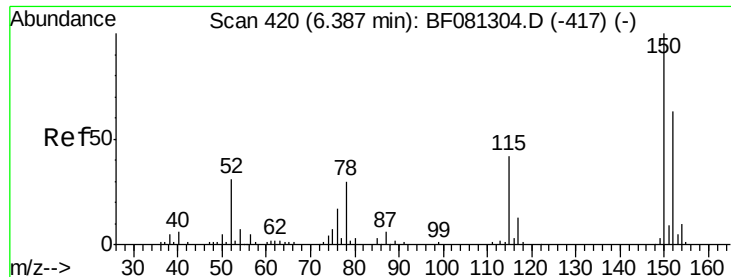
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.36 min Scan# 418

Delta R.T. -0.01 min

Lab File: BF081380.D

Acq: 3 Sep 2015 17:05

Instrument :

BNA_F

ClientSampleId :

PB85348BL

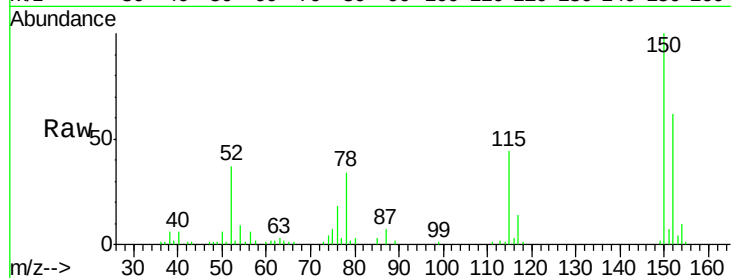
Tot Ion:152 Resp: 56143

Ion Ratio Lower Upper

152 100

150 161.1 124.7 187.1

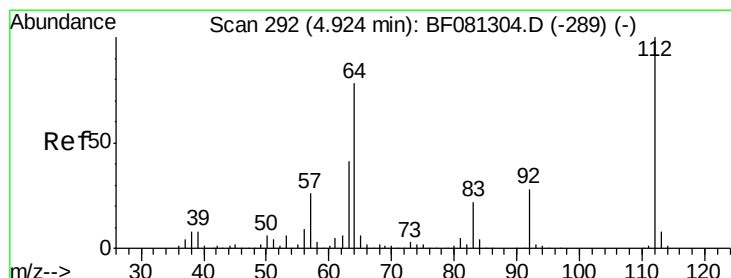
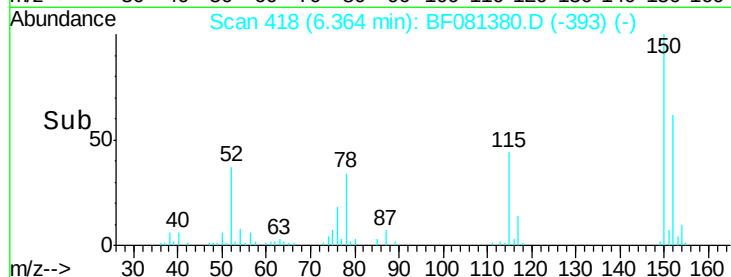
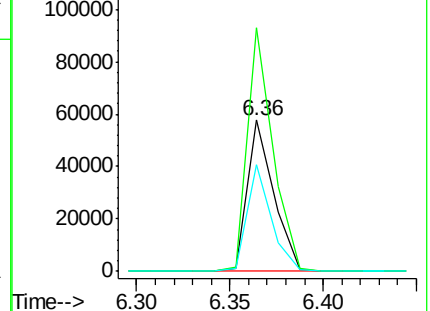
115 70.3 39.0 58.4#



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: 118.04 ng

RT: 4.94 min Scan# 293

Delta R.T. 0.02 min

Lab File: BF081380.D

Acq: 3 Sep 2015 17:05

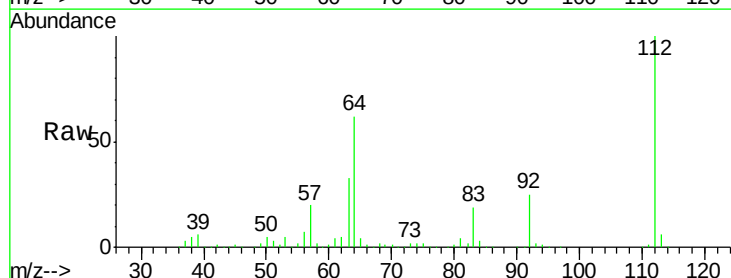
Tgt Ion:112 Resp: 427143

Ion Ratio Lower Upper

112 100

64 61.8 39.7 59.5#

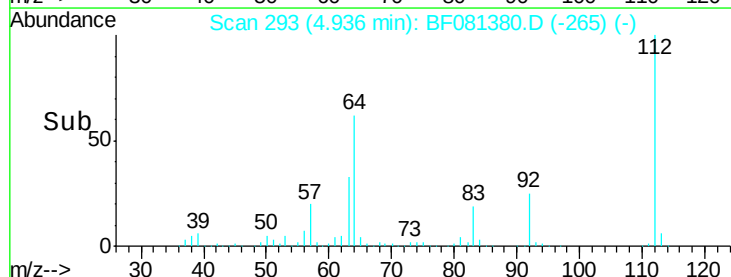
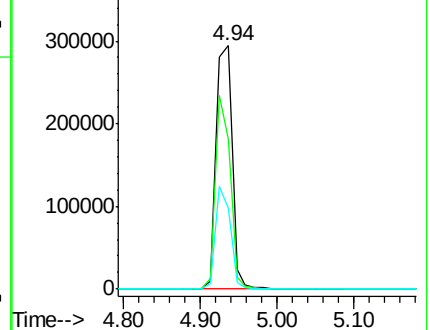
63 33.3 17.4 26.0#

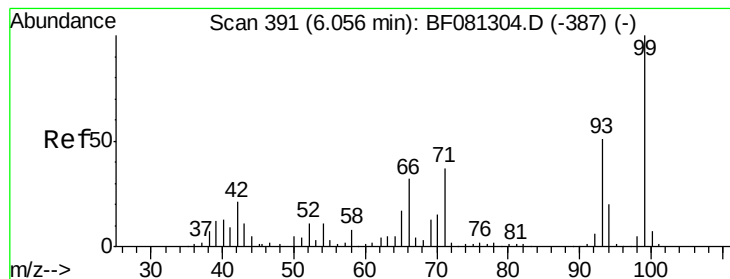


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 132.07 ng

RT: 6.04 min Scan# 390

Delta R.T. 0.00 min

Lab File: BF081380.D

Acq: 3 Sep 2015 17:05

Instrument :

BNA_F

ClientSampleId :

PB85348BL

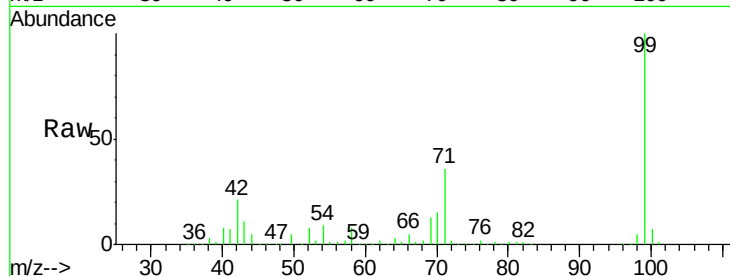
Tot Ion: 99 Resp: 632591

Ion Ratio Lower Upper

99 100

42 20.6 13.7 20.5#

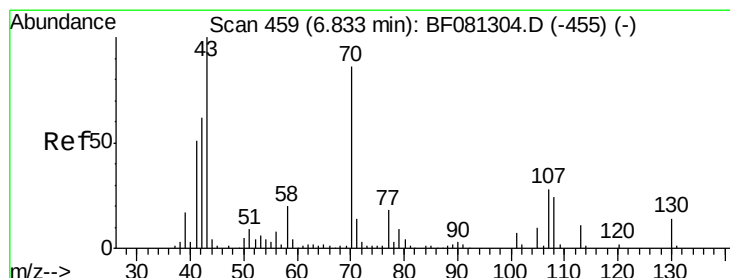
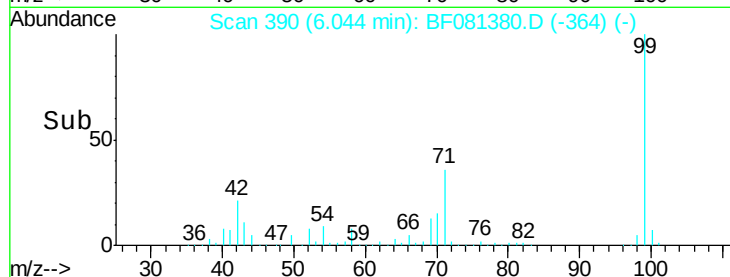
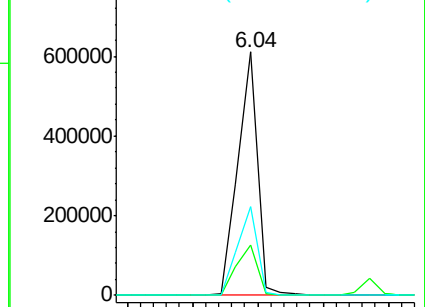
71 36.3 14.2 21.2#



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: 16.51 ng

RT: 6.95 min Scan# 469

Delta R.T. 0.13 min

Lab File: BF081380.D

Acq: 3 Sep 2015 17:05

Tgt Ion: 70 Resp: 53836

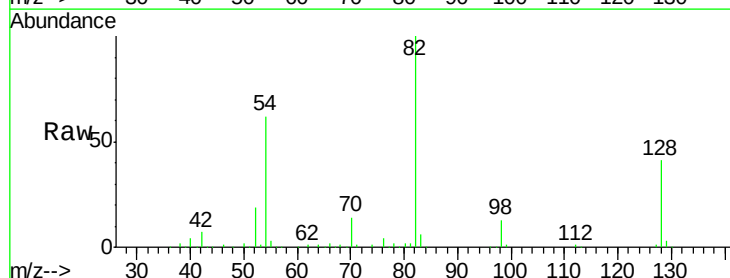
Ion Ratio Lower Upper

70 100

42 50.7 63.8 95.6#

101 0.0 9.2 13.8#

130 1.9 27.3 40.9#

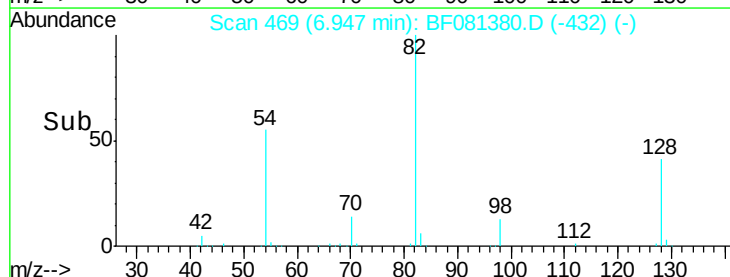
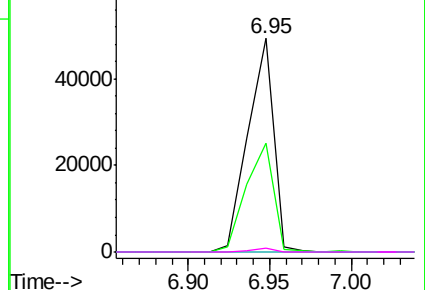


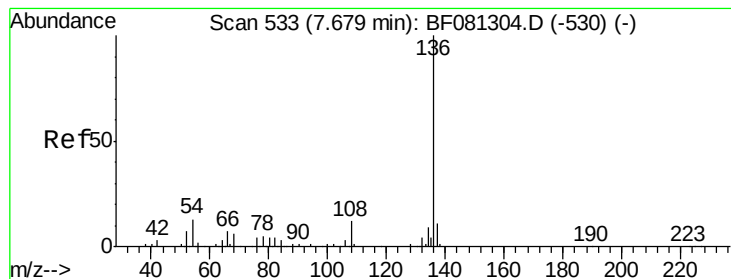
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 7.66 min Scan# 531

Delta R.T. -0.01 min

Lab File: BF081380.D

Acq: 3 Sep 2015 17:05

Instrument :

BNA_F

ClientSampleId :

PB85348BL

Tot Ion:136 Resp: 223540

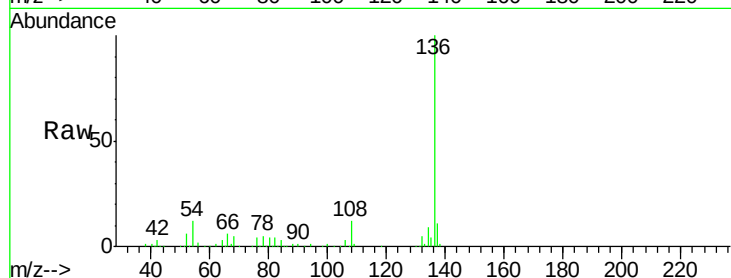
Ion Ratio Lower Upper

136 100

137 10.9 9.0 13.6

54 12.2 8.2 12.2

68 5.4 5.8 8.6#

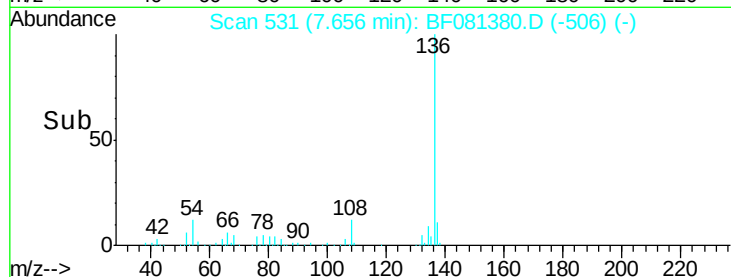


Abundance Ion 136.00 (135.70 to 136.70): E

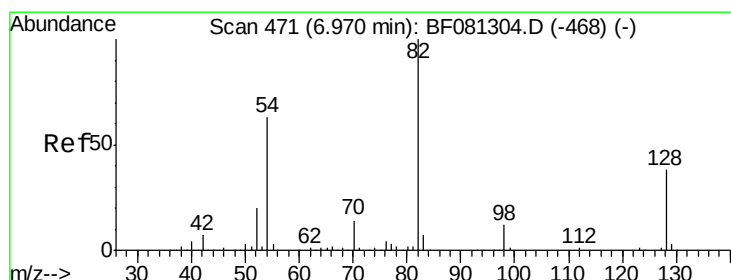
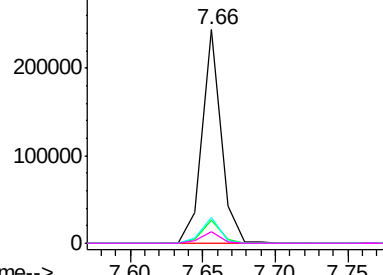
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 85.80 ng

RT: 6.95 min Scan# 469

Delta R.T. 0.00 min

Lab File: BF081380.D

Acq: 3 Sep 2015 17:05

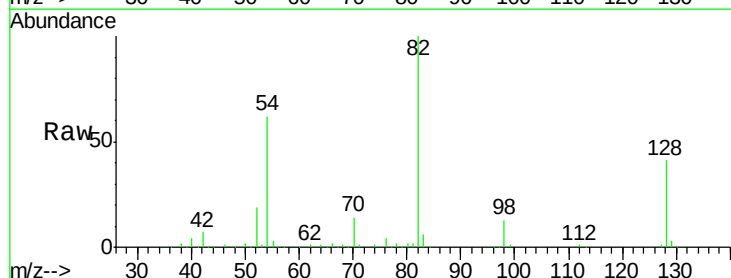
Tgt Ion: 82 Resp: 397529

Ion Ratio Lower Upper

82 100

128 41.0 51.0 76.6#

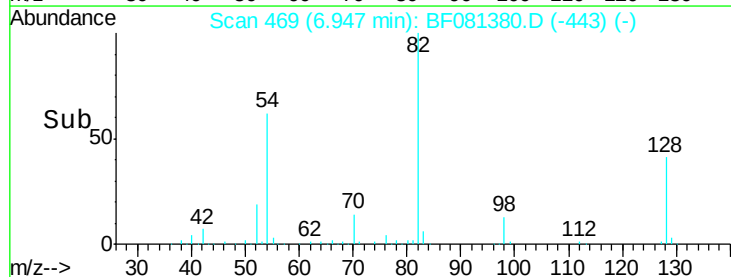
54 61.6 47.5 71.3



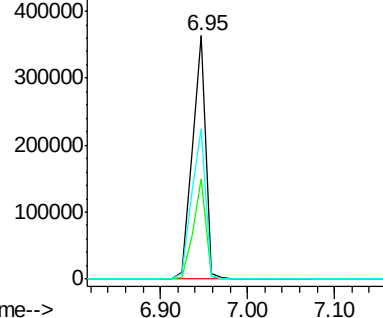
Abundance Ion 82.00 (81.70 to 82.70): BF0

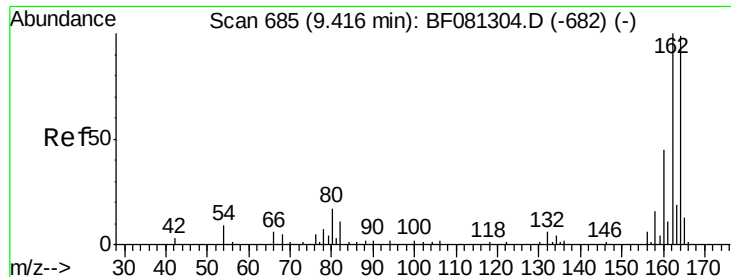
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time-->





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.39 min Scan# 683

Delta R.T. -0.01 min

Lab File: BF081380.D

Acq: 3 Sep 2015 17:05

Instrument :

BNA_F

ClientSampleId :

PB85348BL

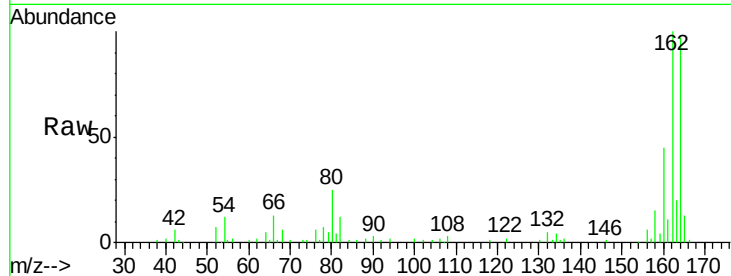
Tot Ion:164 Resp: 102088

Ion Ratio Lower Upper

164 100

162 103.1 75.2 112.8

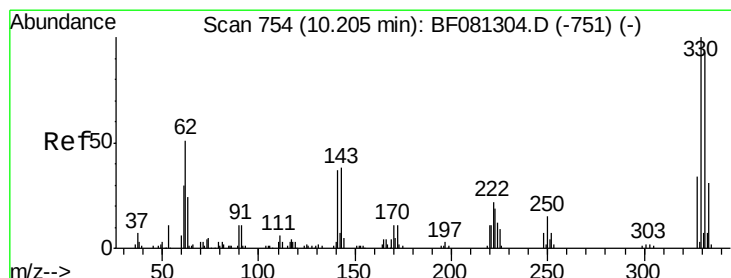
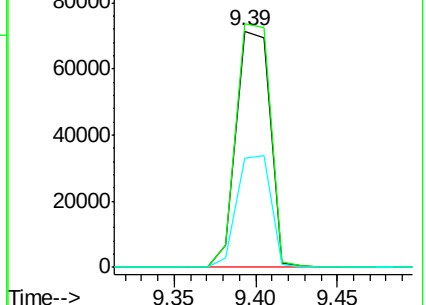
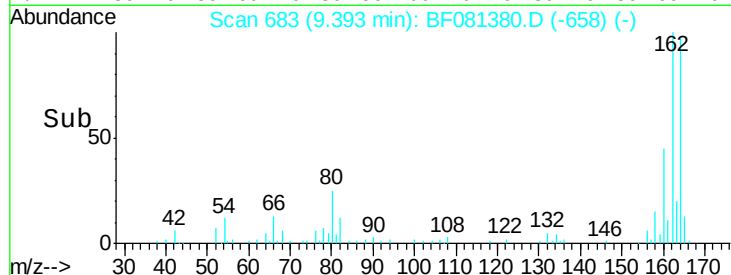
160 46.1 31.5 47.3



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: 110.49 ng

RT: 10.18 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF081380.D

Acq: 3 Sep 2015 17:05

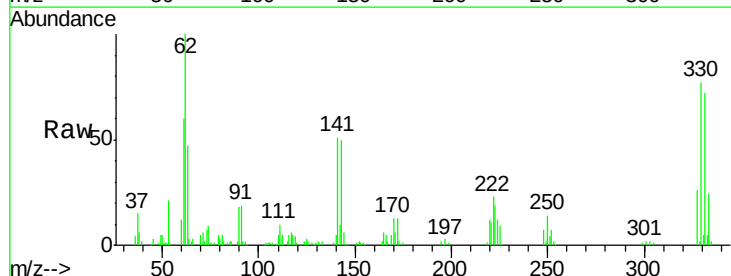
Tgt Ion:330 Resp: 100431

Ion Ratio Lower Upper

330 100

332 95.4 76.6 114.8

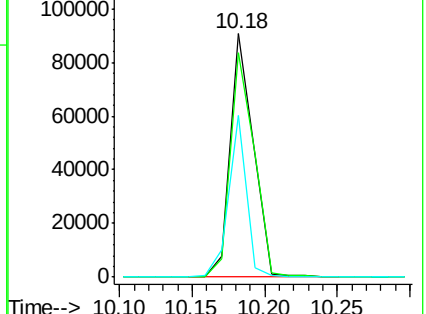
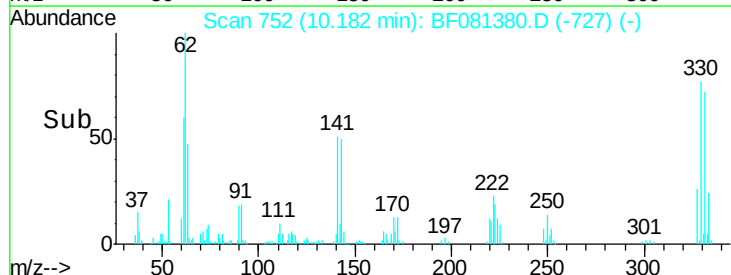
141 51.2 29.7 44.5#

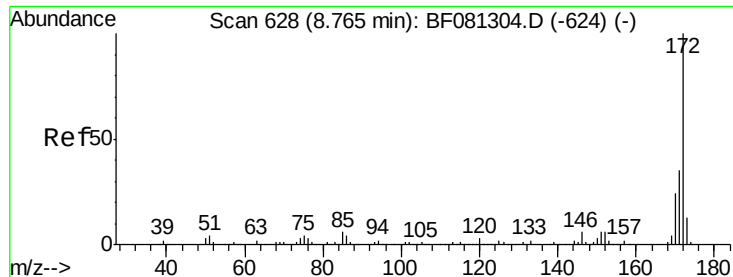


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

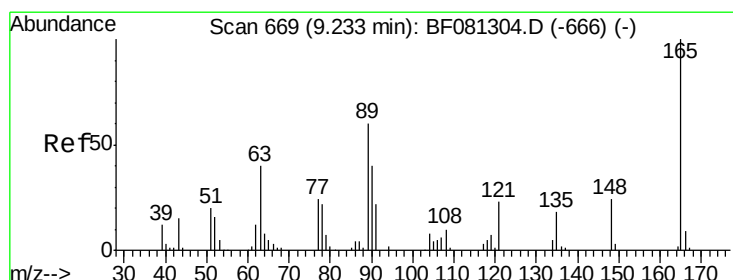
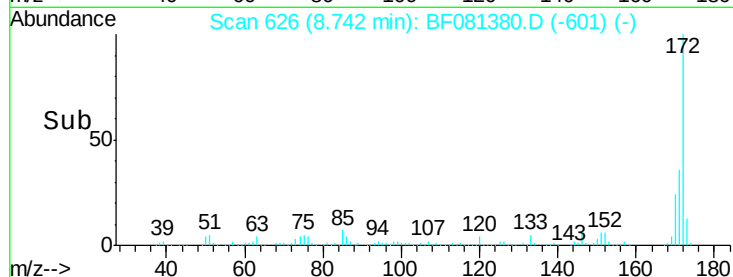
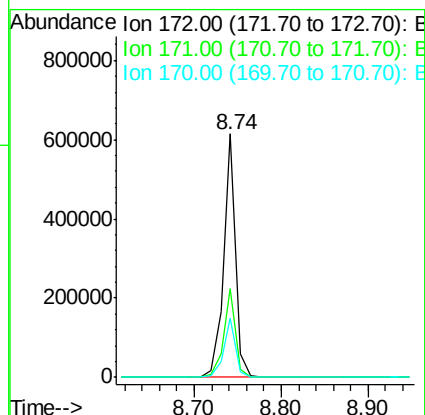
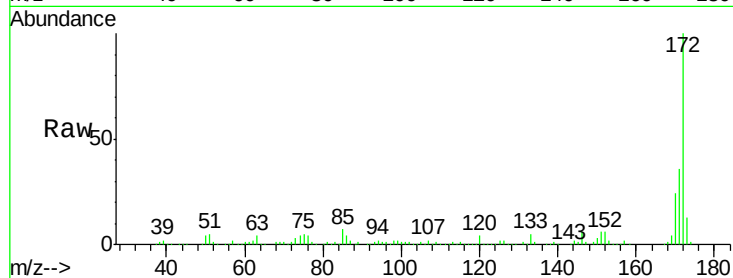




#44
 2-Fluorobiphenyl
 Concen: 74.55 ng
 RT: 8.74 min Scan# 626
 Delta R.T. -0.01 min
 Lab File: BF081380.D
 Acq: 3 Sep 2015 17:05

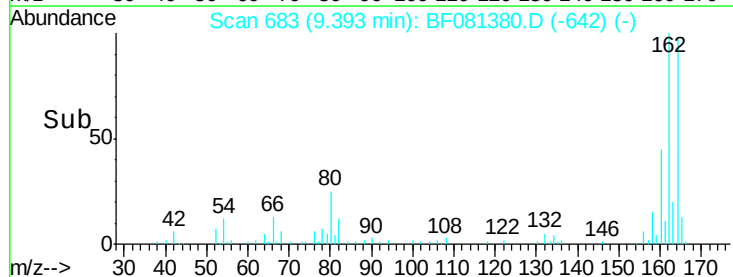
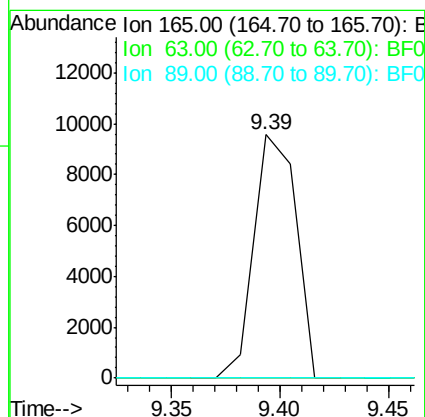
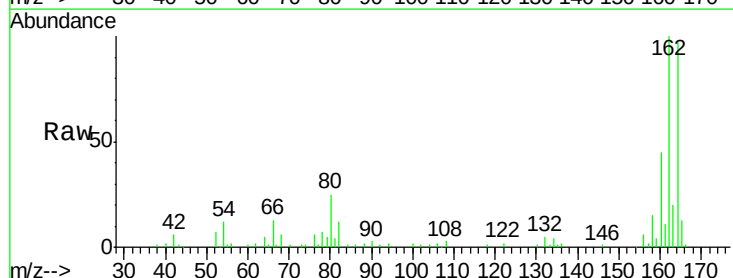
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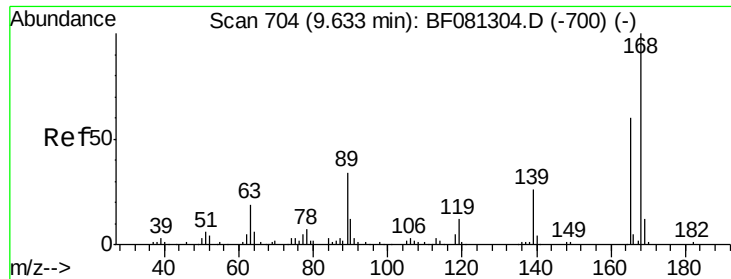
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.3	26.1	39.1
170	24.1	17.4	26.2



#50
 2,6-Dinitrotoluene
 Concen: 7.21 ng
 RT: 9.39 min Scan# 683
 Delta R.T. 0.17 min
 Lab File: BF081380.D
 Acq: 3 Sep 2015 17:05

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	32.3	48.5#
89	0.0	28.6	43.0#

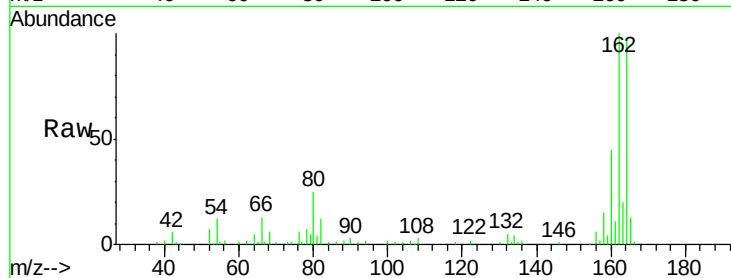




#56
 2,4-Dinitrotoluene
 Concen: 5.66 ng
 RT: 9.39 min Scan# 683
 Delta R.T. -0.22 min
 Lab File: BF081380.D
 Acq: 3 Sep 2015 17:05

Instrument :
 BNA_F
 ClientSampleId :
 PB85348BL

Tot Ion:	165	Resp:	12982
Ion Ratio	Lower	Upper	
165	100		
63	0.0	29.8	44.6#
89	0.0	44.5	66.7#
182	0.0	3.0	4.4#

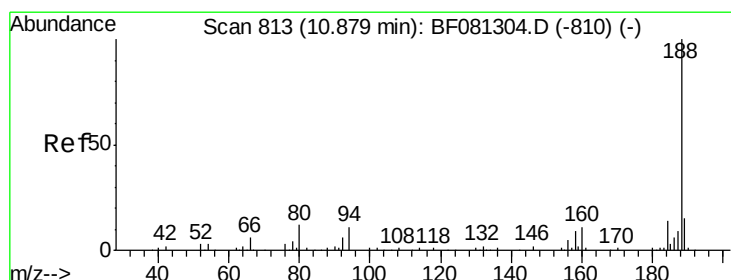
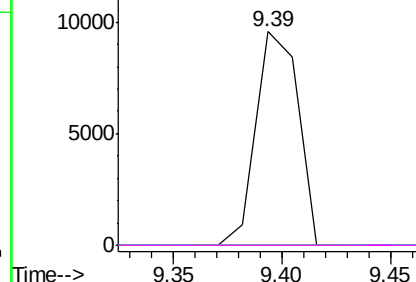
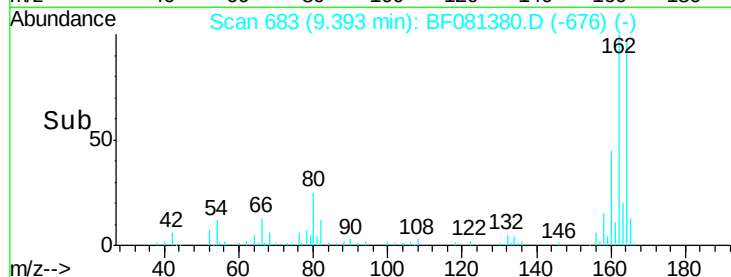


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

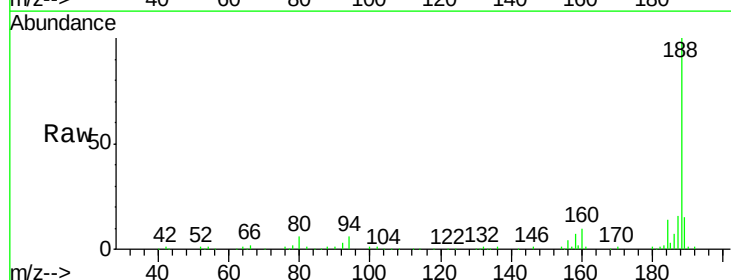
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 10.87 min Scan# 812
 Delta R.T. 0.00 min
 Lab File: BF081380.D
 Acq: 3 Sep 2015 17:05

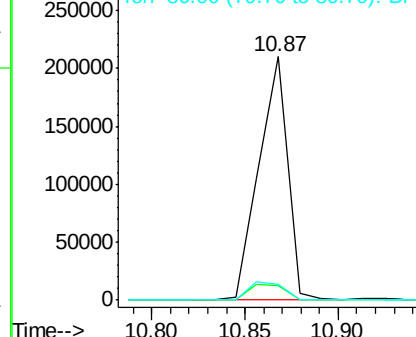
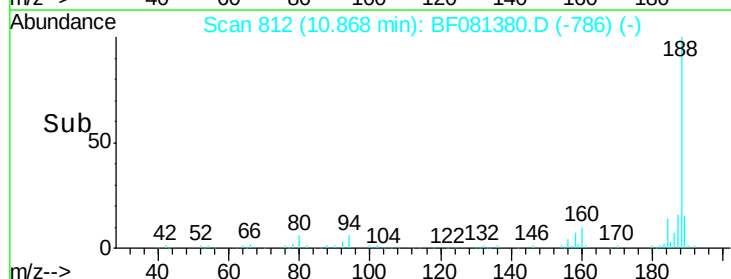
Tgt Ion:	188	Resp:	223801
Ion Ratio	Lower	Upper	
188	100		
94	5.8	11.1	16.7#
80	6.3	11.0	16.4#

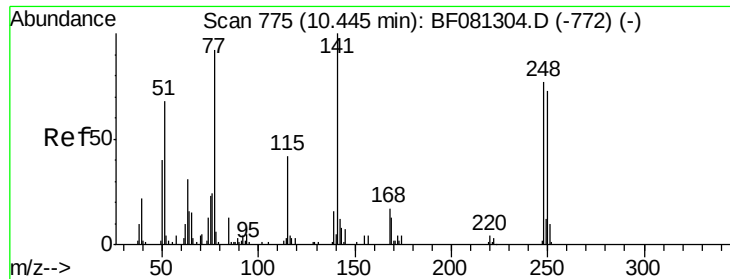


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#66

4-Bromophenyl-phenylether

Concen: 3.42 ng

RT: 10.18 min Scan# 752

Delta R.T. -0.25 min

Lab File: BF081380.D

Acq: 3 Sep 2015 17:05

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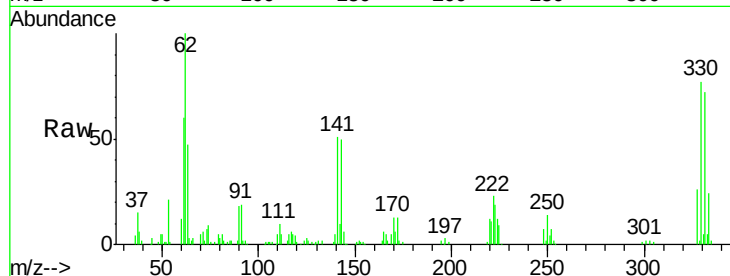
Tot Ion:248 Resp: 7745

Ion Ratio Lower Upper

248 100

250 185.8 78.5 117.7#

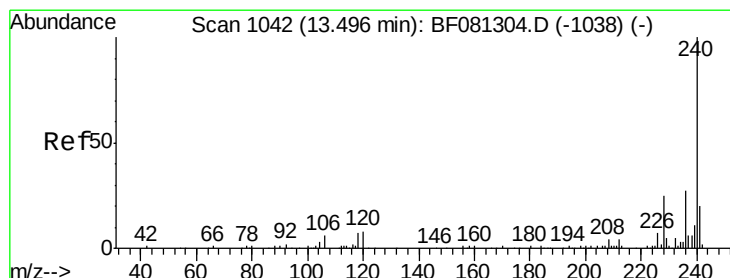
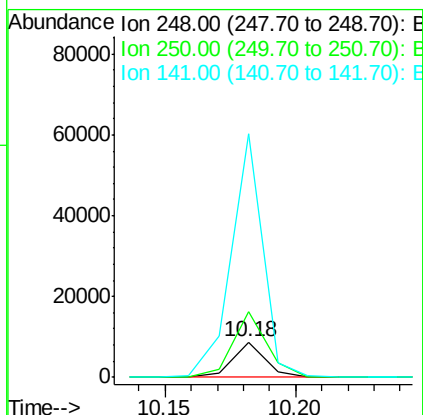
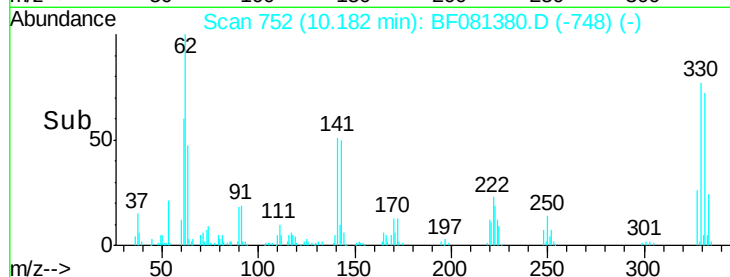
141 688.5 59.0 88.6#



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: 13.47 min Scan# 1040

Delta R.T. 0.00 min

Lab File: BF081380.D

Acq: 3 Sep 2015 17:05

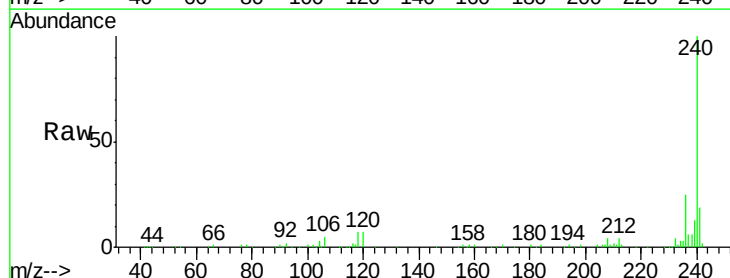
Tgt Ion:240 Resp: 177829

Ion Ratio Lower Upper

240 100

120 6.7 16.2 24.2#

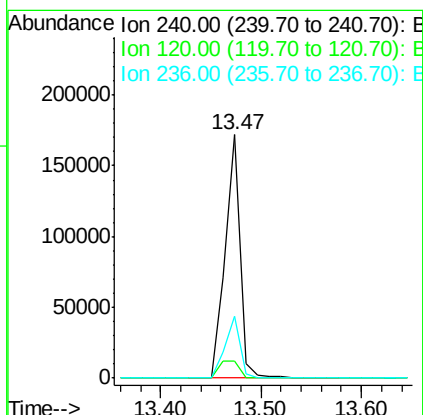
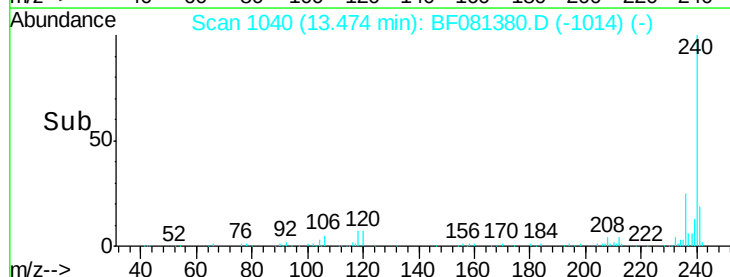
236 25.5 18.4 27.6

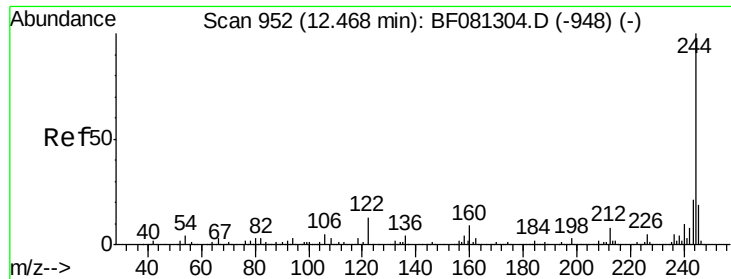


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

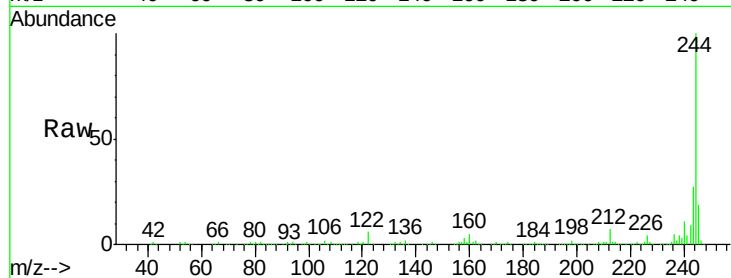




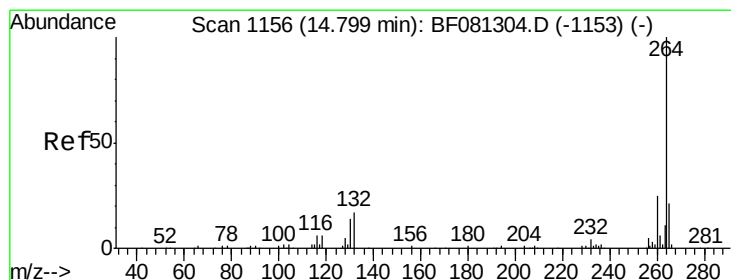
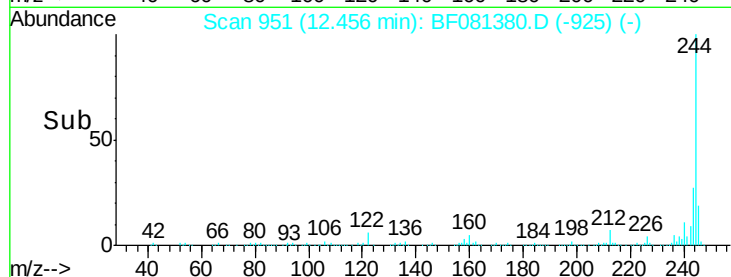
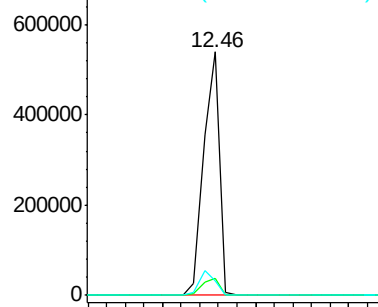
#78
 Terphenyl-d14
 Concen: 83.89 ng
 RT: 12.46 min Scan# 951
 Delta R.T. 0.00 min
 Lab File: BF081380.D
 Acq: 3 Sep 2015 17:05

Instrument :
 BNA_F
 ClientSampleId :
 PB85348BL

Tot Ion:244 Resp: 640874
 Ion Ratio Lower Upper
 244 100
 212 6.9 4.3 6.5#
 122 5.7 17.4 26.2#

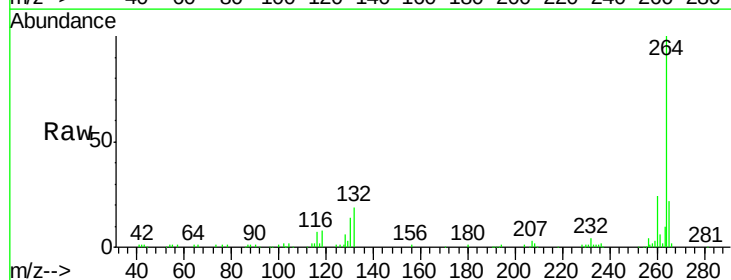


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.78 min Scan# 1154
 Delta R.T. -0.01 min
 Lab File: BF081380.D
 Acq: 3 Sep 2015 17:05

Tgt Ion:264 Resp: 104093
 Ion Ratio Lower Upper
 264 100
 260 24.1 16.7 25.1
 265 21.8 17.2 25.8



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

