

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090115\
 Data File : BF081331.D
 Acq On : 2 Sep 2015 5:22
 Operator : UM/IZ
 Sample : G3480-07
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 02 05:58:09 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 01 17:35:35 2015
 Response via : Initial Calibration

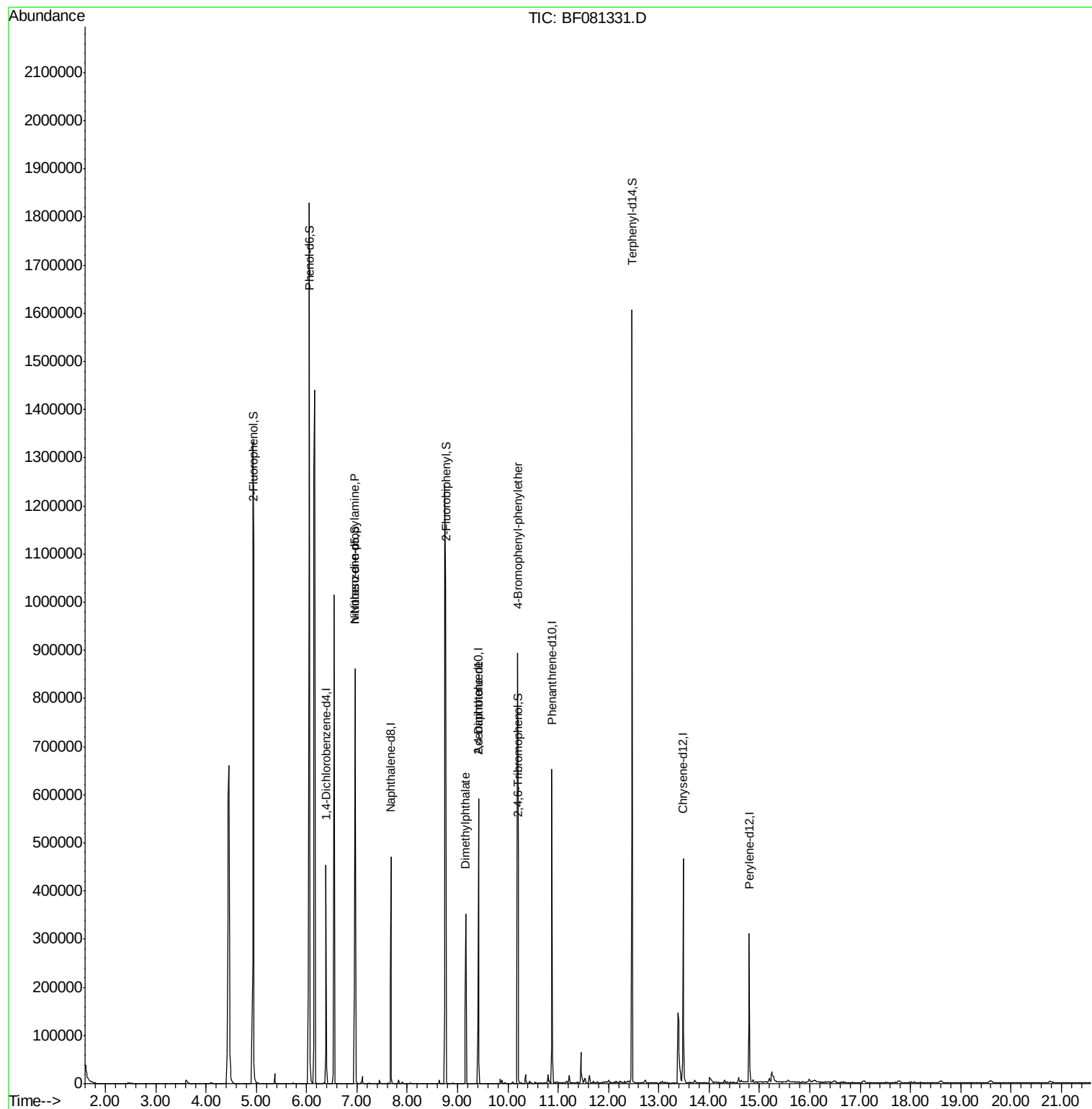
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.39	152	60690	20.00	ng	0.00
21) Naphthalene-d8	7.68	136	232288	20.00	ng	0.00
38) Acenaphthene-d10	9.42	164	112539	20.00	ng	0.00
63) Phenanthrene-d10	10.88	188	216956	20.00	ng	0.00
75) Chrysene-d12	13.49	240	161016	20.00	ng	-0.01
86) Perylene-d12	14.80	264	124443	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.95	112	493469	126.15	ng	0.02
7) Phenol-d6	6.06	99	728942	140.78	ng	0.00
23) Nitrobenzene-d5	6.96	82	405076	84.14	ng	-0.01
41) 2,4,6-Tribromophenol	10.20	330	110170	109.94	ng	0.00
44) 2-Fluorobiphenyl	8.76	172	565449	64.39	ng	0.00
78) Terphenyl-d14	12.47	244	485585	70.20	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.96	70	53762	15.26	ng	# 63
49) Dimethylphthalate	9.16	163	152659	17.46	ng	# 97
56) 2,4-Dinitrotoluene	9.42	165	14476	5.73	ng	# 31
66) 4-Bromophenyl-phenylether	10.19	248	7640	3.48	ng	# 1

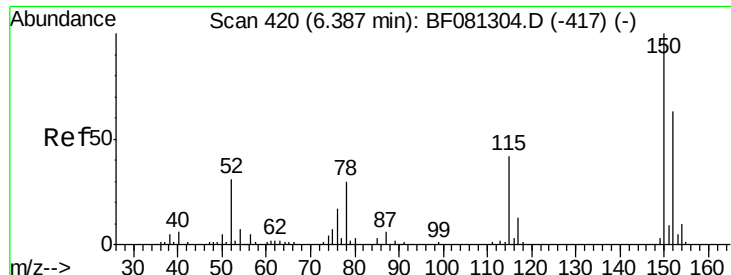
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.39 min Scan# 420

Delta R.T. 0.00 min

Lab File: BF081331.D

Acq: 2 Sep 2015 5:22

Instrument :

BNA_F

ClientSampleId :

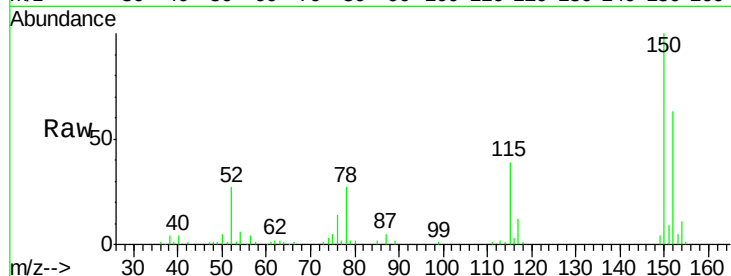
Tot Ion:152 Resp: 60690

Ion Ratio Lower Upper

152 100

150 158.6 124.7 187.1

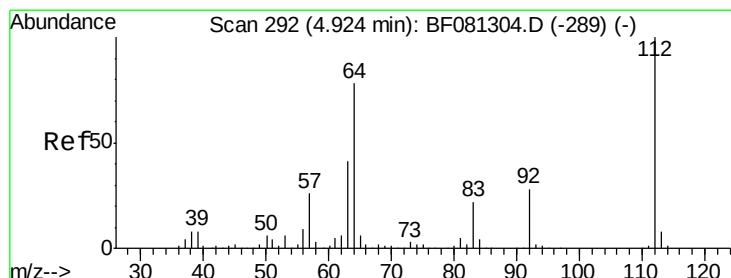
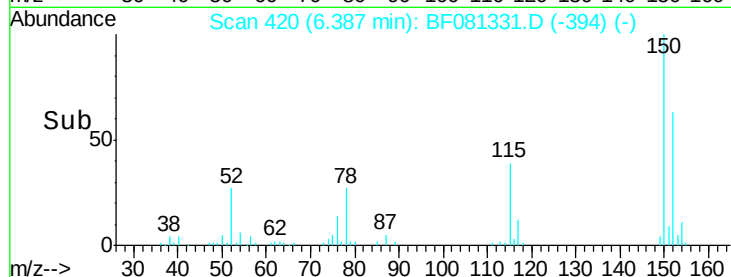
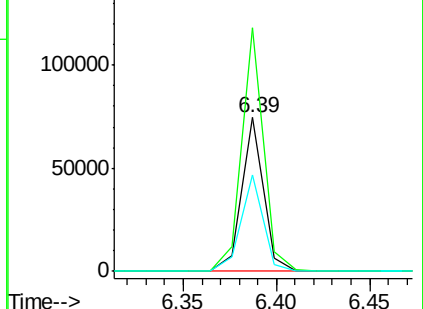
115 62.5 39.0 58.4#



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: 126.15 ng

RT: 4.95 min Scan# 294

Delta R.T. 0.02 min

Lab File: BF081331.D

Acq: 2 Sep 2015 5:22

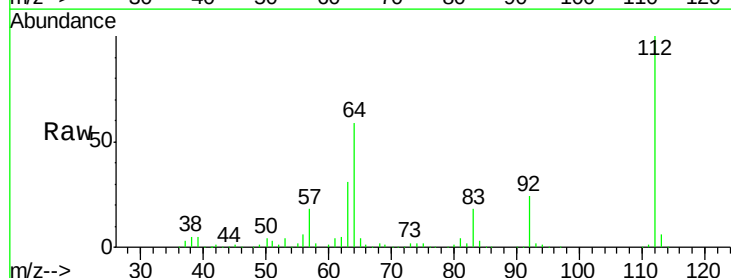
Tgt Ion:112 Resp: 493469

Ion Ratio Lower Upper

112 100

64 59.0 39.7 59.5

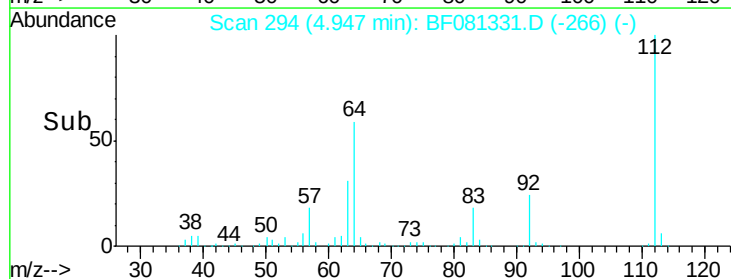
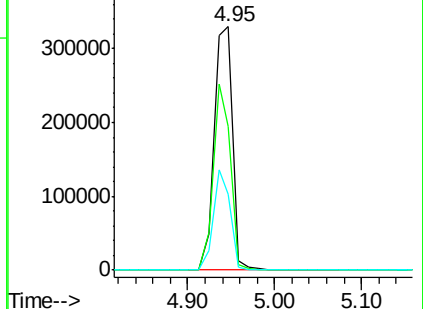
63 31.2 17.4 26.0#

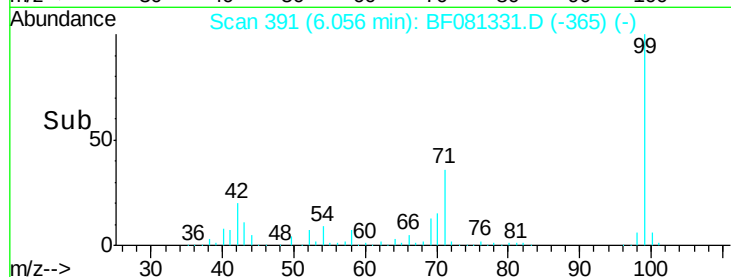
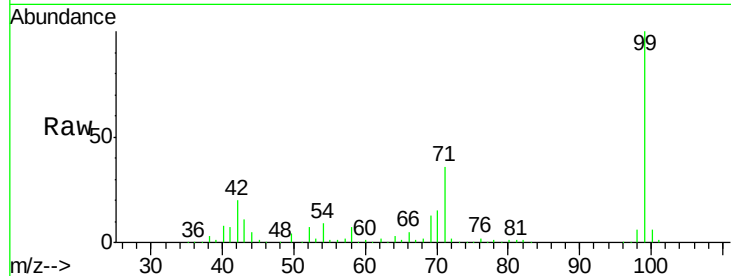
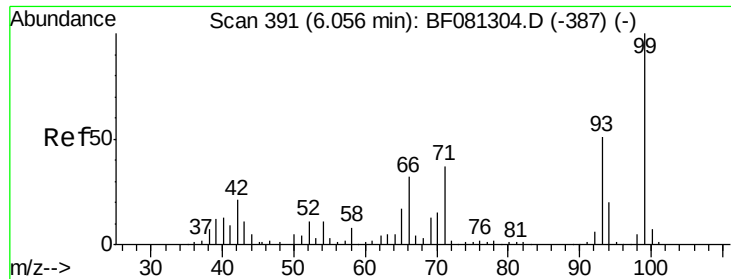


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 140.78 ng

RT: 6.06 min Scan# 391

Delta R.T. 0.00 min

Lab File: BF081331.D

Acq: 2 Sep 2015 5:22

Instrument :

BNA_F

ClientSampleId :

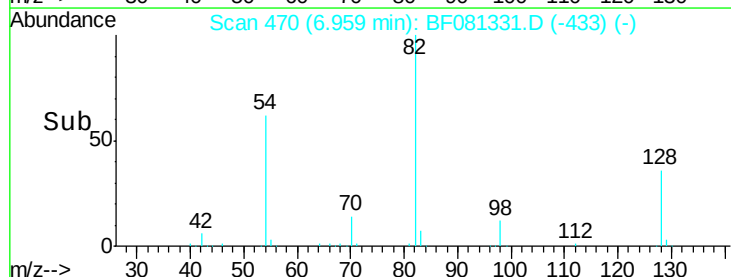
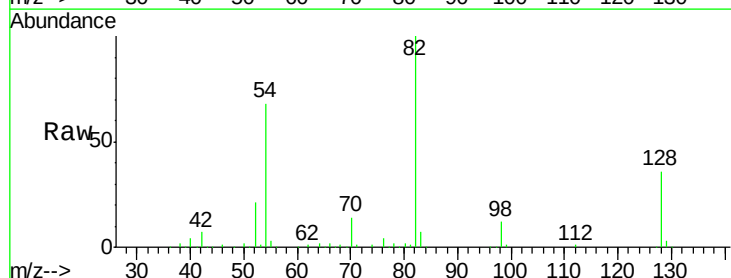
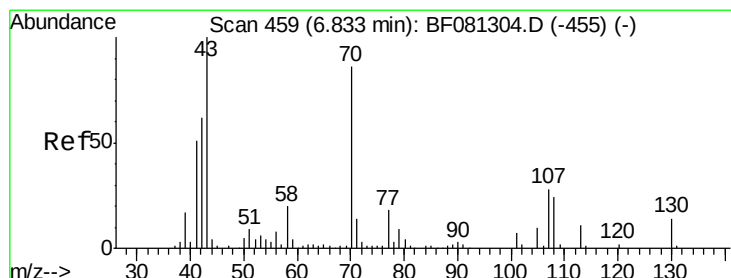
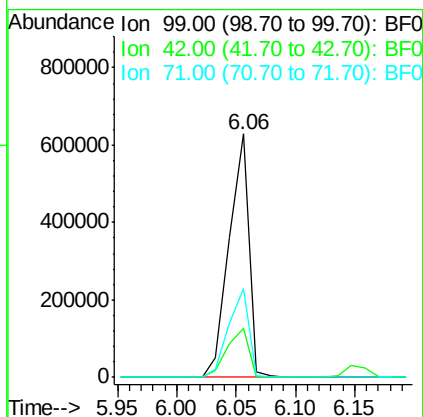
Tot Ion: 99 Resp: 728942

Ion Ratio Lower Upper

99 100

42 20.4 13.7 20.5

71 36.5 14.2 21.2#



#19

n-Nitroso-di-n-propylamine

Concen: 15.26 ng

RT: 6.96 min Scan# 470

Delta R.T. 0.13 min

Lab File: BF081331.D

Acq: 2 Sep 2015 5:22

Tgt Ion: 70 Resp: 53762

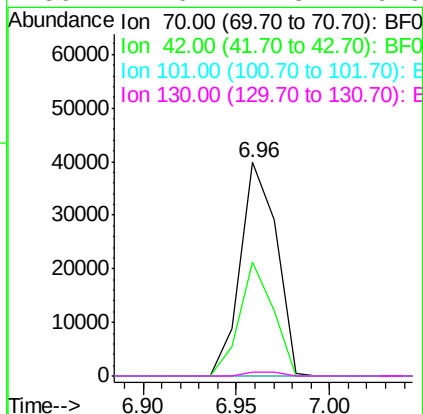
Ion Ratio Lower Upper

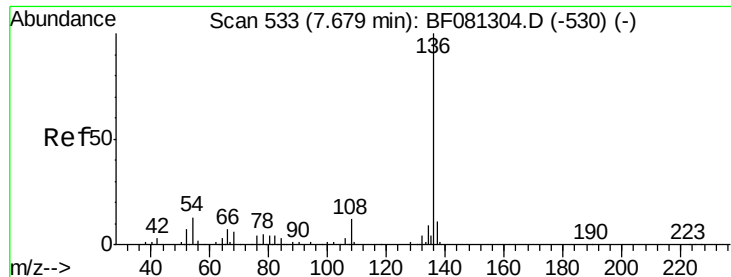
70 100

42 53.4 63.8 95.6#

101 0.0 9.2 13.8#

130 1.6 27.3 40.9#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.68 min Scan# 533

Delta R.T. 0.00 min

Lab File: BF081331.D

Acq: 2 Sep 2015 5:22

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 232288

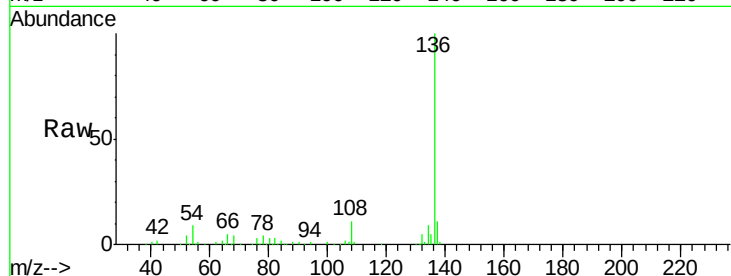
Ion Ratio Lower Upper

136 100

137 10.6 9.0 13.6

54 9.0 8.2 12.2

68 4.2 5.8 8.6#

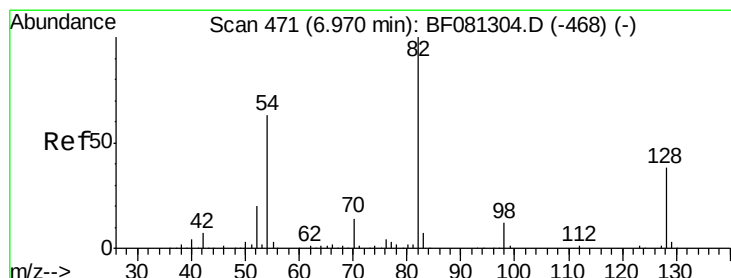
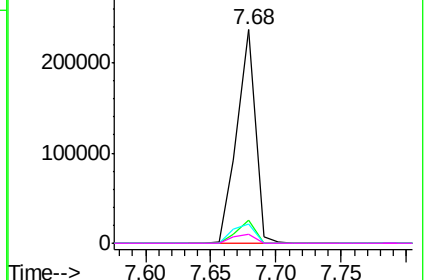
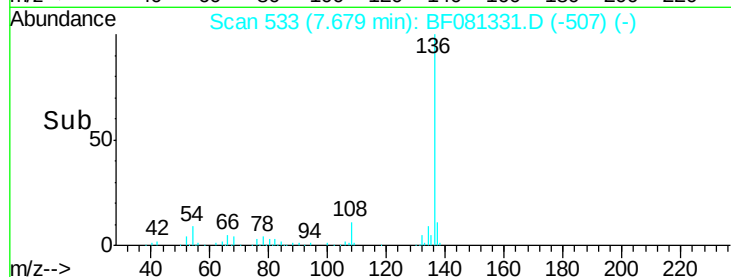


Abundance Ion 136.00 (135.70 to 136.70): E

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



#23

Nitrobenzene-d5

Concen: 84.14 ng

RT: 6.96 min Scan# 470

Delta R.T. -0.01 min

Lab File: BF081331.D

Acq: 2 Sep 2015 5:22

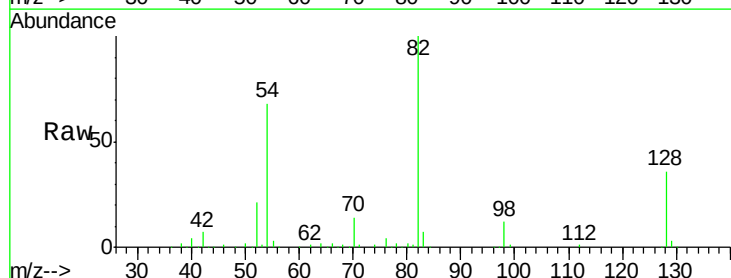
Tgt Ion: 82 Resp: 405076

Ion Ratio Lower Upper

82 100

128 36.1 51.0 76.6#

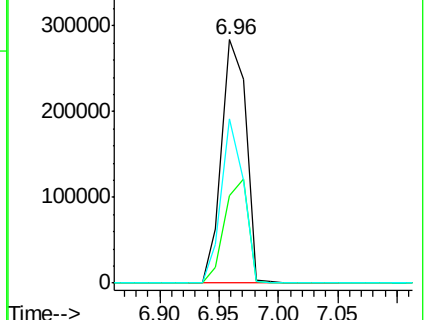
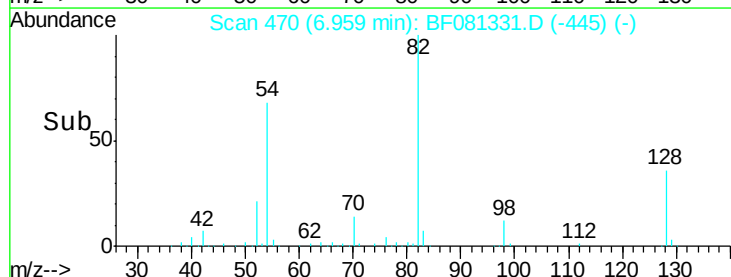
54 67.7 47.5 71.3

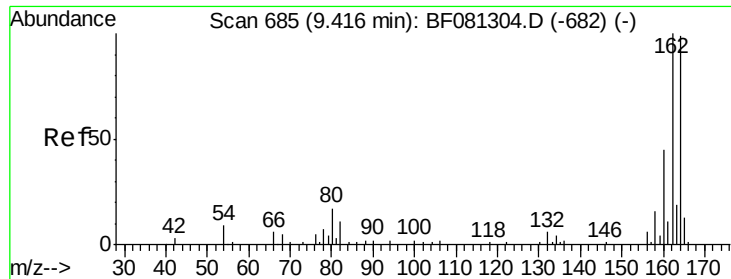


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

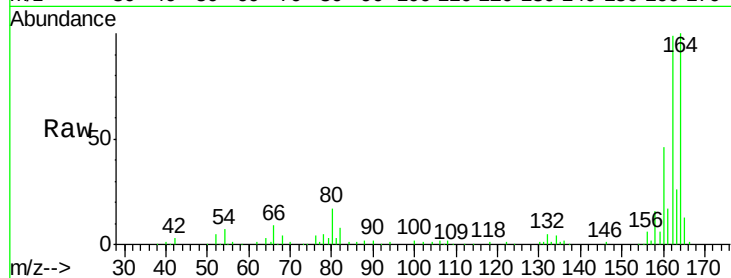




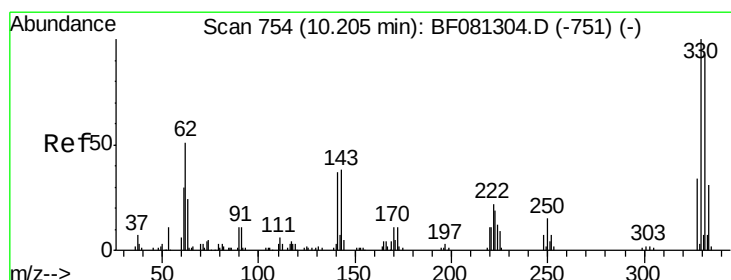
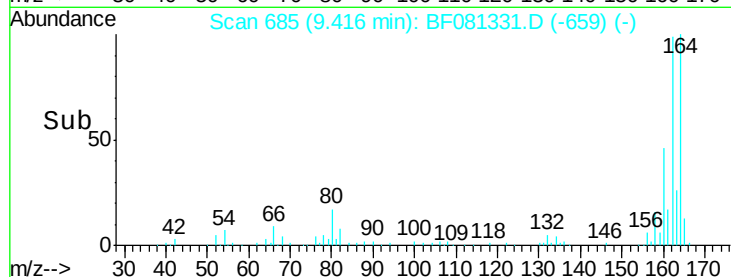
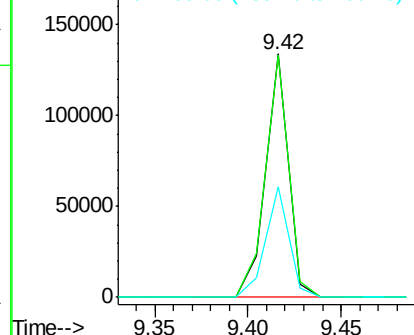
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.42 min Scan# 685
 Delta R.T. 0.00 min
 Lab File: BF081331.D
 Acq: 2 Sep 2015 5:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 112539
 Ion Ratio Lower Upper
 164 100
 162 99.3 75.2 112.8
 160 45.6 31.5 47.3

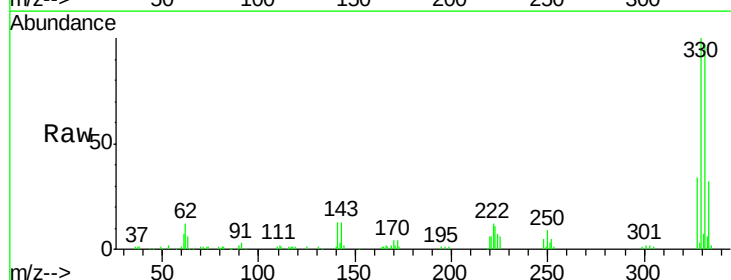


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

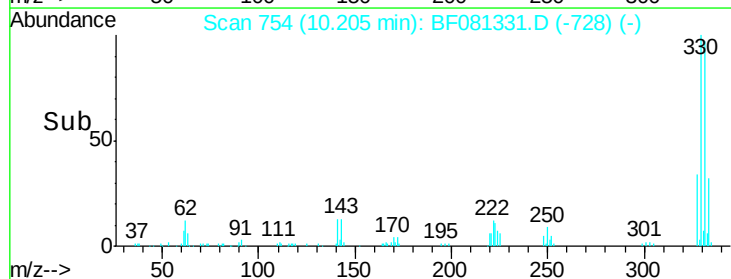
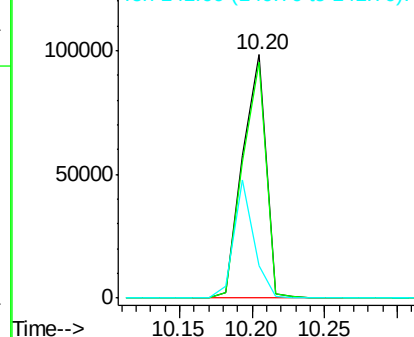


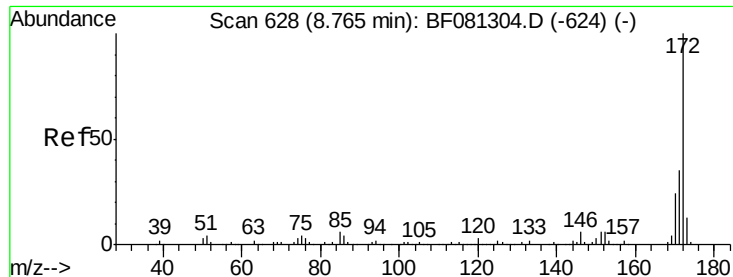
#41
 2,4,6-Tribromophenol
 Concen: 109.94 ng
 RT: 10.20 min Scan# 754
 Delta R.T. 0.00 min
 Lab File: BF081331.D
 Acq: 2 Sep 2015 5:22

Tgt Ion:330 Resp: 110170
 Ion Ratio Lower Upper
 330 100
 332 96.6 76.6 114.8
 141 41.5 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

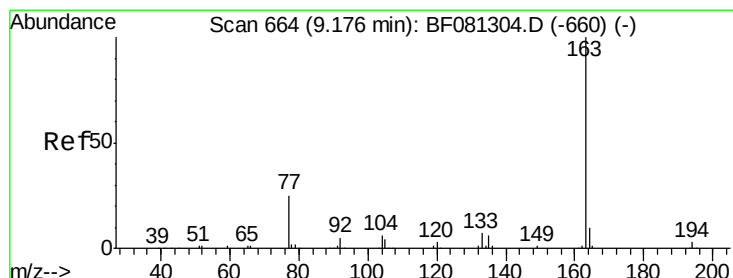
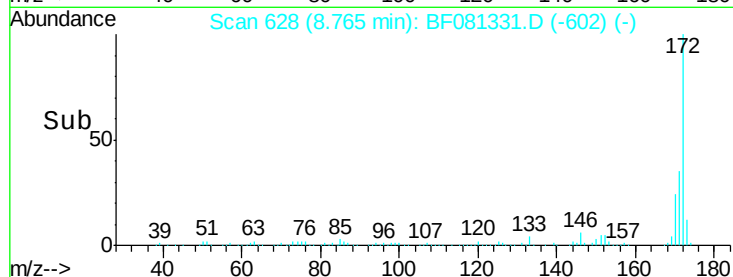
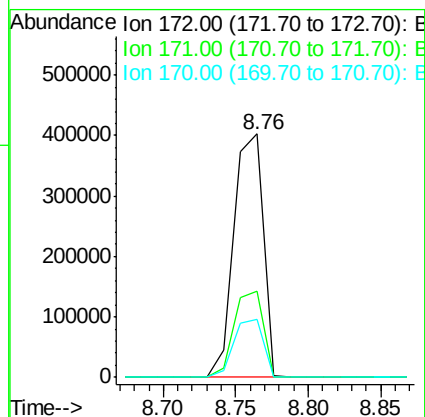
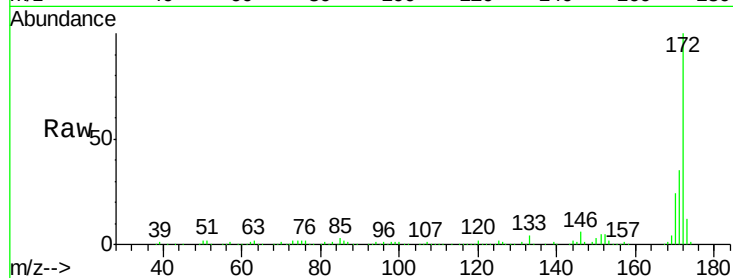




#44
2-Fluorobiphenyl
Concen: 64.39 ng
RT: 8.76 min Scan# 628
Delta R.T. 0.00 min
Lab File: BF081331.D
Acq: 2 Sep 2015 5:22

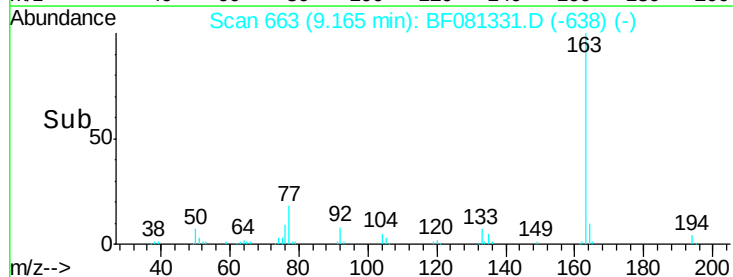
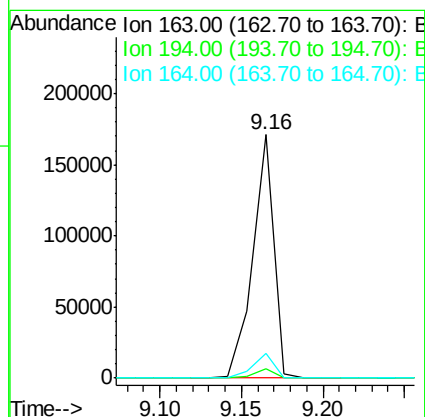
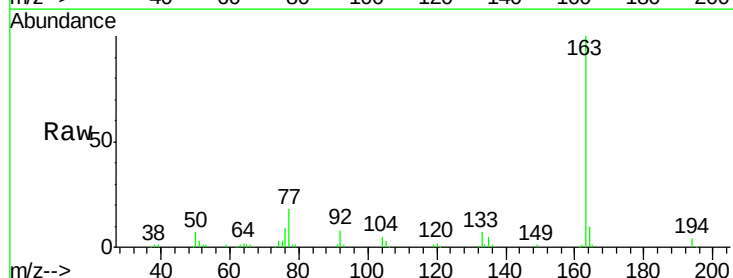
Instrument :
BNA_F
ClientSampleId :

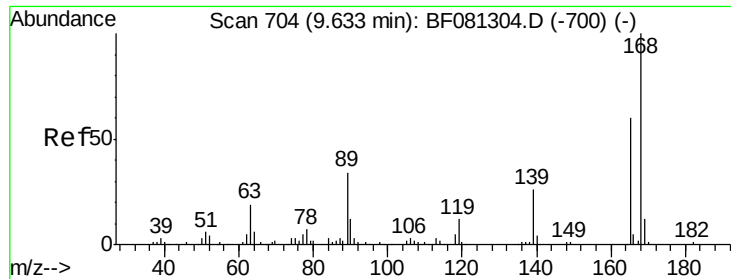
Tot Ion:172 Resp: 565449
Ion Ratio Lower Upper
172 100
171 35.3 26.1 39.1
170 23.6 17.4 26.2



#49
Dimethylphthalate
Concen: 17.46 ng
RT: 9.16 min Scan# 663
Delta R.T. -0.01 min
Lab File: BF081331.D
Acq: 2 Sep 2015 5:22

Tgt Ion:163 Resp: 152659
Ion Ratio Lower Upper
163 100
194 3.7 4.4 6.6#
164 10.0 8.3 12.5

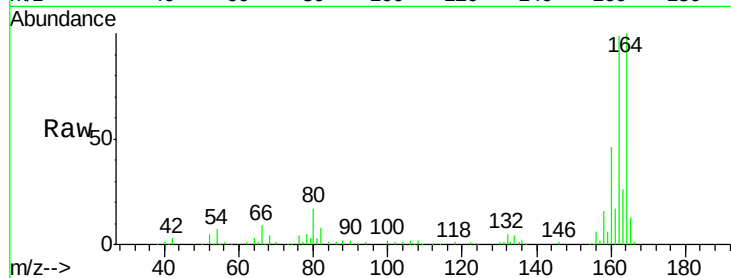




#56
 2,4-Dinitrotoluene
 Concen: 5.73 ng
 RT: 9.42 min Scan# 685
 Delta R.T. -0.22 min
 Lab File: BF081331.D
 Acq: 2 Sep 2015 5:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	165	Resp:	14476
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#

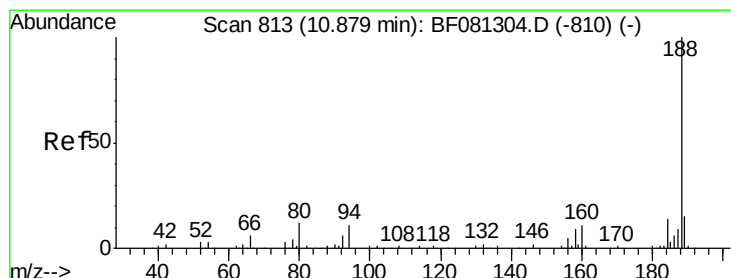
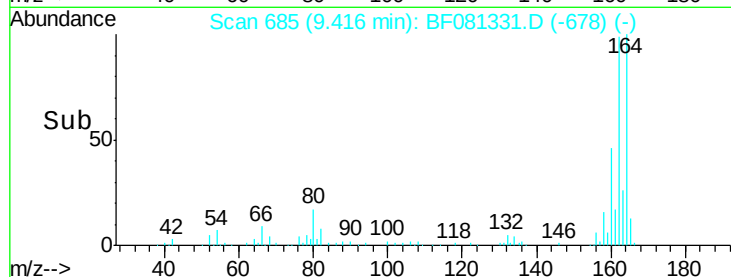
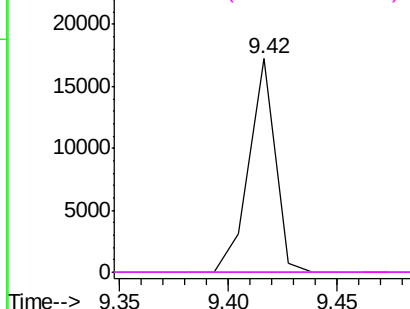


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

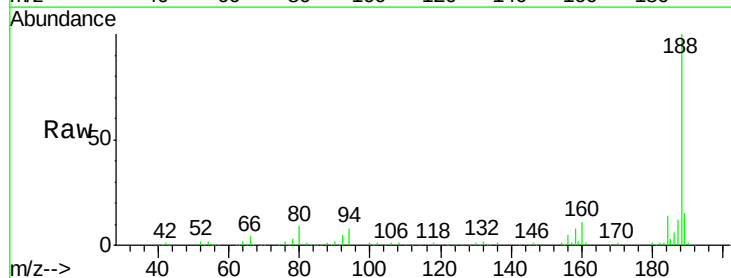
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 10.88 min Scan# 813
 Delta R.T. 0.00 min
 Lab File: BF081331.D
 Acq: 2 Sep 2015 5:22

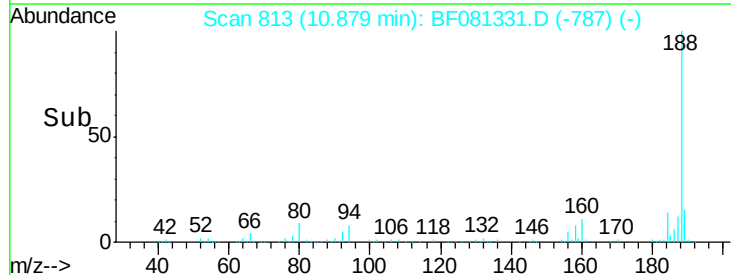
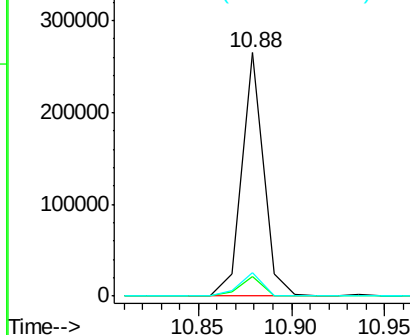
Tgt Ion:	188	Resp:	216956
Ion	Ratio	Lower	Upper
188	100		
94	8.1	11.1	16.7#
80	9.4	11.0	16.4#

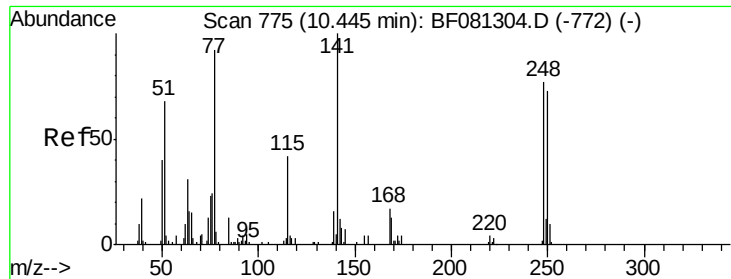


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#66

4-Bromophenyl-phenylether

Concen: 3.48 ng

RT: 10.19 min Scan# 753

Delta R.T. -0.25 min

Lab File: BF081331.D

Acq: 2 Sep 2015 5:22

Instrument :

BNA_F

ClientSampleId :

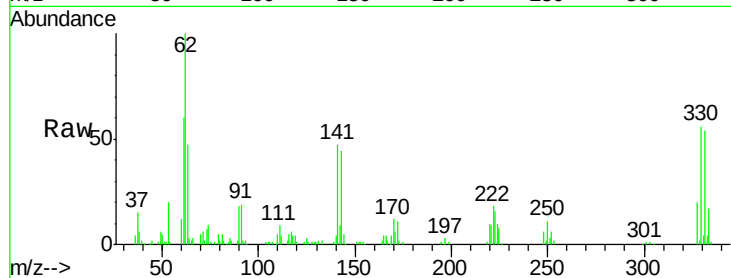
Tot Ion:248 Resp: 7640

Ion Ratio Lower Upper

248 100

250 197.0 78.5 117.7#

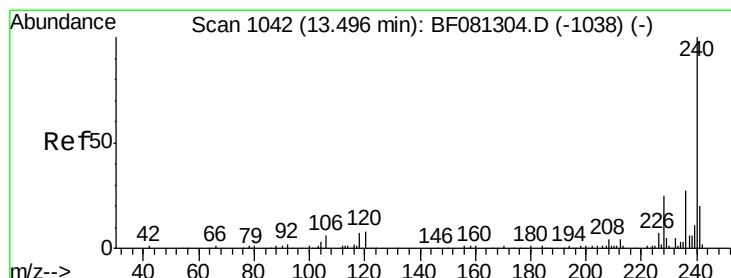
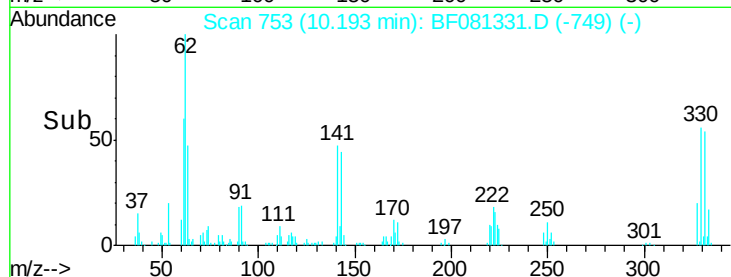
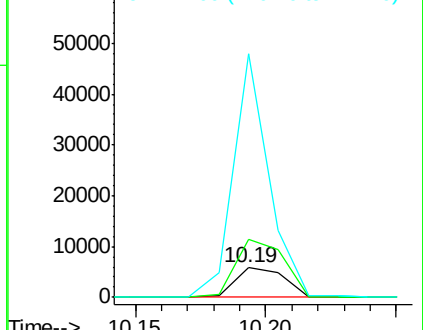
141 827.3 59.0 88.6#



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: 13.49 min Scan# 1041

Delta R.T. -0.01 min

Lab File: BF081331.D

Acq: 2 Sep 2015 5:22

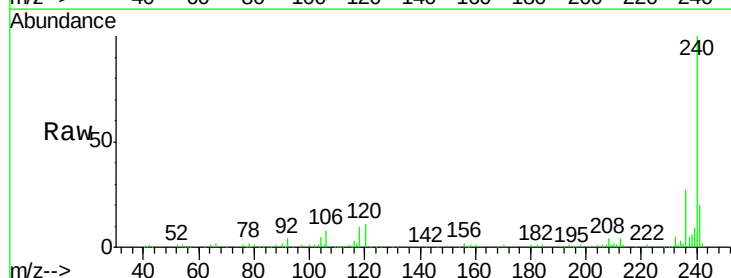
Tgt Ion:240 Resp: 161016

Ion Ratio Lower Upper

240 100

120 11.3 16.2 24.2#

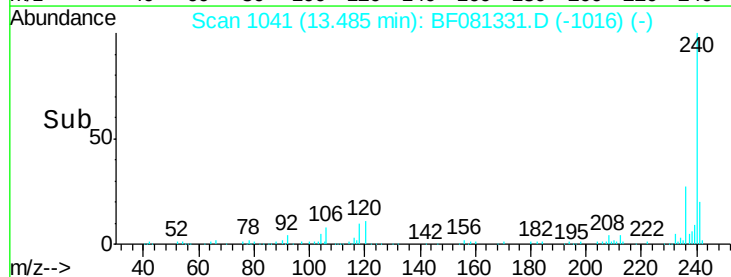
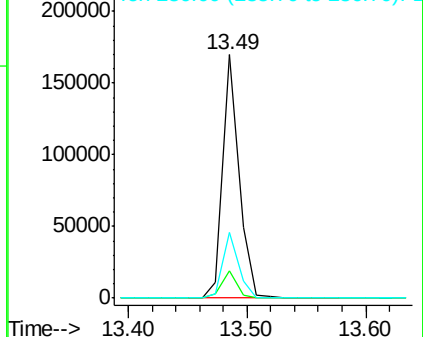
236 26.8 18.4 27.6

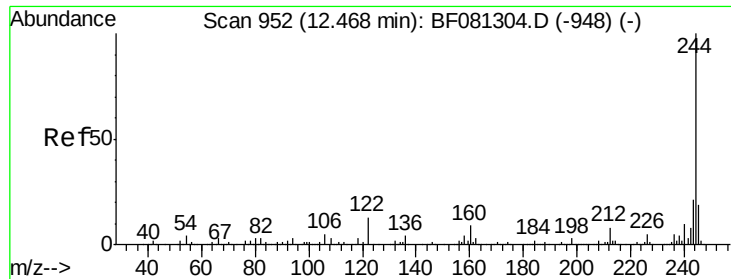


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

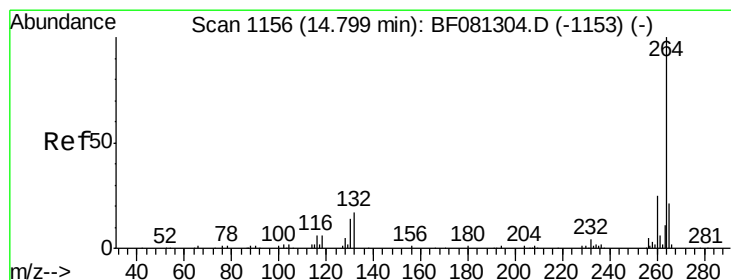
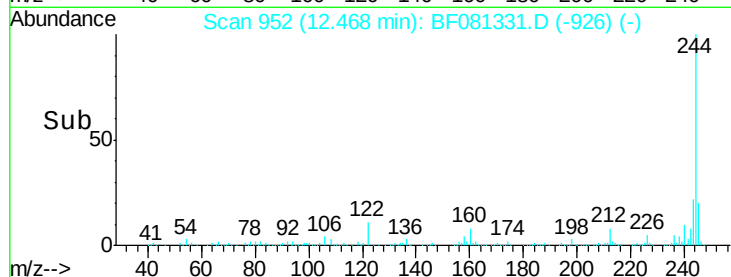
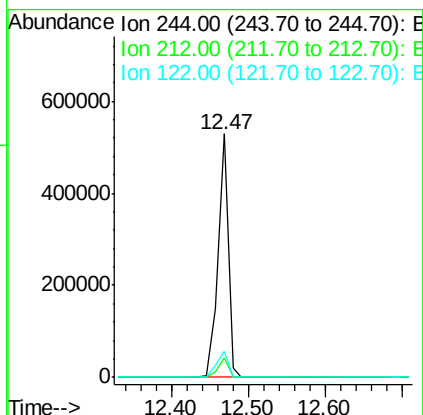
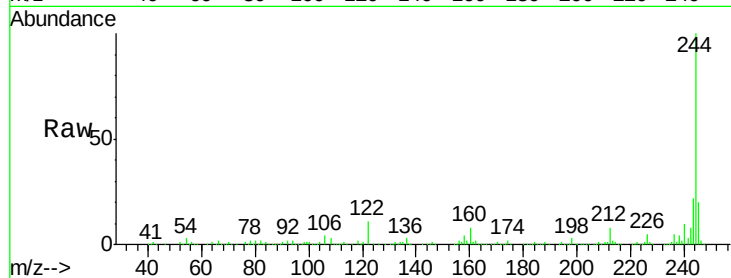




#78
 Terphenyl-d14
 Concen: 70.20 ng
 RT: 12.47 min Scan# 952
 Delta R.T. 0.00 min
 Lab File: BF081331.D
 Acq: 2 Sep 2015 5:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 485585
 Ion Ratio Lower Upper
 244 100
 212 7.8 4.3 6.5#
 122 10.7 17.4 26.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.80 min Scan# 1156
 Delta R.T. 0.00 min
 Lab File: BF081331.D
 Acq: 2 Sep 2015 5:22

Tgt Ion:264 Resp: 124443
 Ion Ratio Lower Upper
 264 100
 260 23.9 16.7 25.1
 265 21.2 17.2 25.8

