

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090215\
 Data File : BF081358.D
 Acq On : 2 Sep 2015 20:13
 Operator : UM/IZ
 Sample : G3484-06
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUP02-082815

Quant Time: Sep 03 00:22:42 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 03 00:20:21 2015
 Response via : Initial Calibration

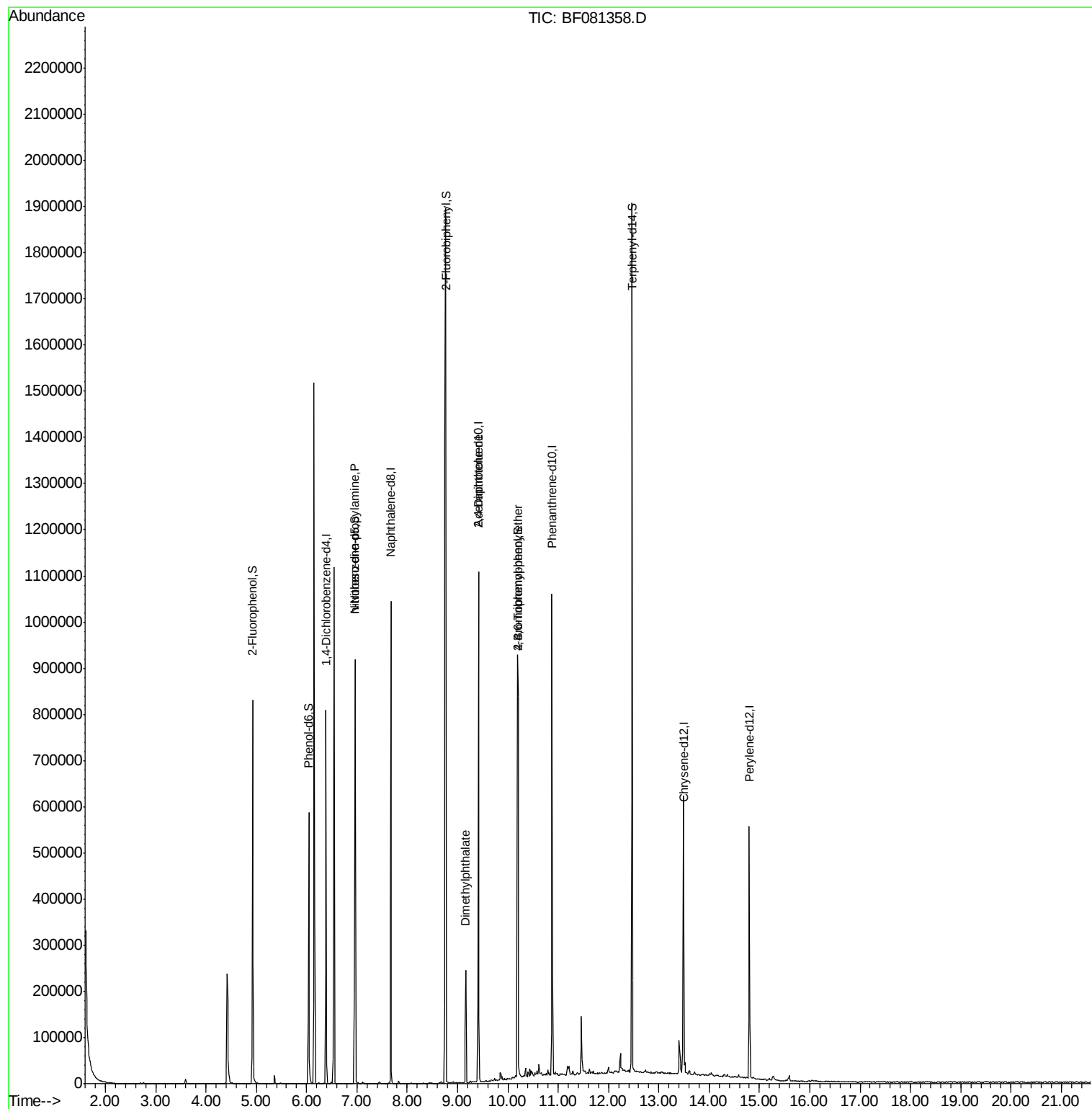
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.39	152	117284	20.00	ng	0.00
21) Naphthalene-d8	7.68	136	468109	20.00	ng	0.00
38) Acenaphthene-d10	9.42	164	201215	20.00	ng	0.00
63) Phenanthrene-d10	10.88	188	359728	20.00	ng	0.00
75) Chrysene-d12	13.50	240	290477	20.00	ng	0.00
86) Perylene-d12	14.80	264	201589	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.92	112	213044	28.18	ng	0.00
7) Phenol-d6	6.04	99	190210	19.01	ng	-0.01
23) Nitrobenzene-d5	6.96	82	442876	45.65	ng	-0.01
41) 2,4,6-Tribromophenol	10.20	330	143401	80.04	ng	0.00
44) 2-Fluorobiphenyl	8.76	172	817512	52.07	ng	0.00
78) Terphenyl-d14	12.47	244	566360	45.39	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.96	70	58921	8.65	ng	# 63
49) Dimethylphthalate	9.16	163	109171	6.98	ng	# 96
56) 2,4-Dinitrotoluene	9.42	165	25289	5.60	ng	# 34
66) 4-Bromophenyl-phenylether	10.20	248	9789	2.69	ng	# 1

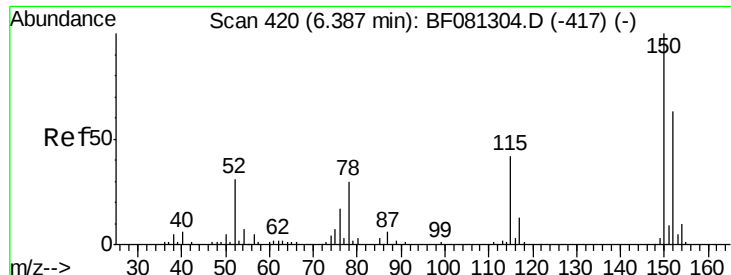
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Sep 03 00:20:21 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.39 min Scan# 420

Delta R.T. -0.00 min

Lab File: BF081358.D

Acq: 2 Sep 2015 20:13

Instrument :

BNA_F

ClientSampleId :

DUP02-082815

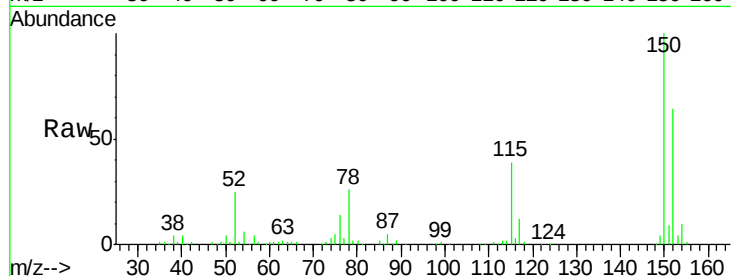
Tot Ion:152 Resp: 117284

Ion Ratio Lower Upper

152 100

150 157.3 124.7 187.1

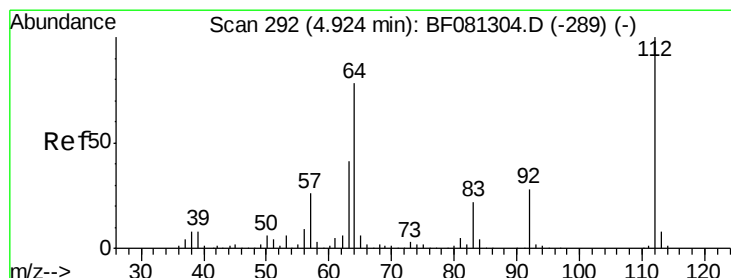
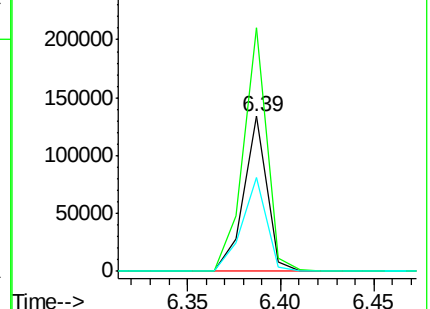
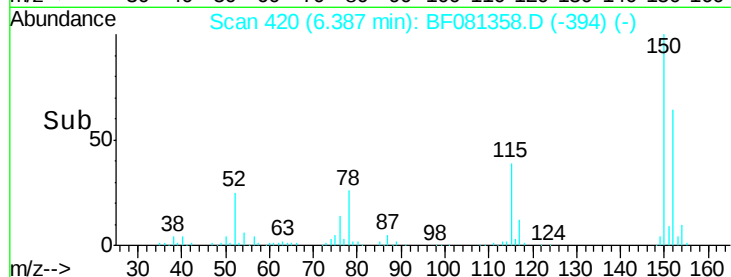
115 60.9 39.0 58.4#



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: 28.18 ng

RT: 4.92 min Scan# 292

Delta R.T. -0.00 min

Lab File: BF081358.D

Acq: 2 Sep 2015 20:13

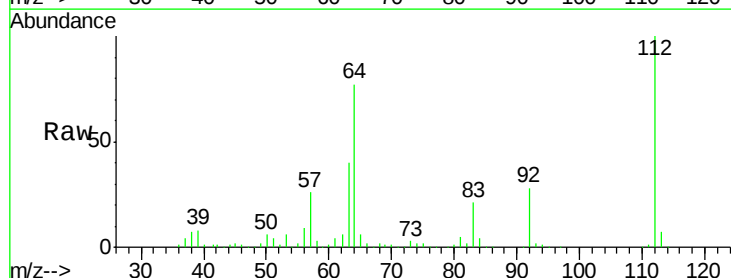
Tgt Ion:112 Resp: 213044

Ion Ratio Lower Upper

112 100

64 77.3 39.7 59.5#

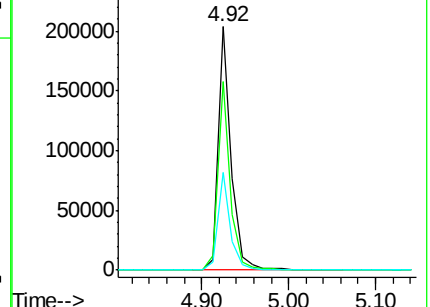
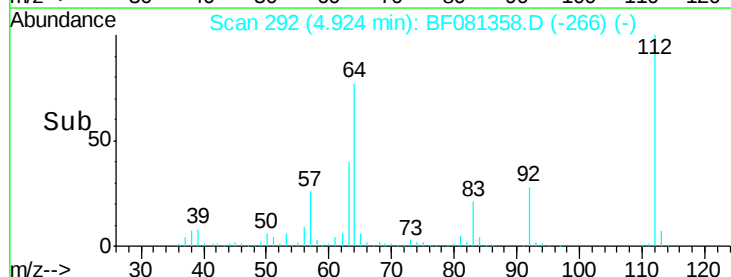
63 39.9 17.4 26.0#



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: 19.01 ng

RT: 6.04 min Scan# 390

Delta R.T. -0.01 min

Lab File: BF081358.D

Acq: 2 Sep 2015 20:13

Instrument :

BNA_F

ClientSampleId :

DUP02-082815

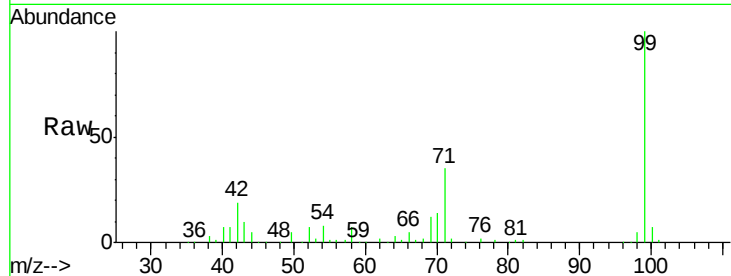
Tot Ion: 99 Resp: 190210

Ion Ratio Lower Upper

99 100

42 19.4 13.7 20.5

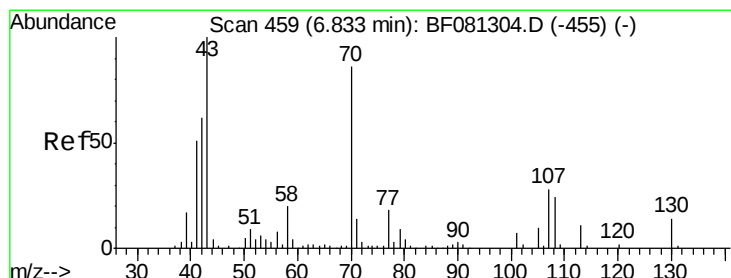
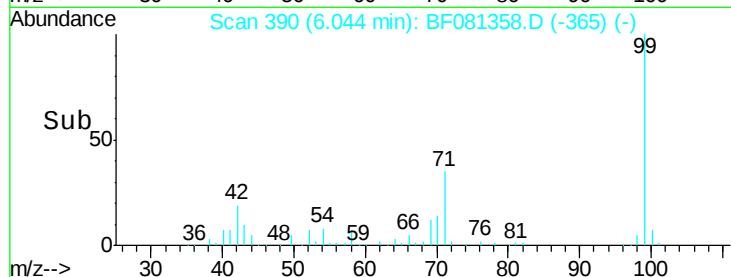
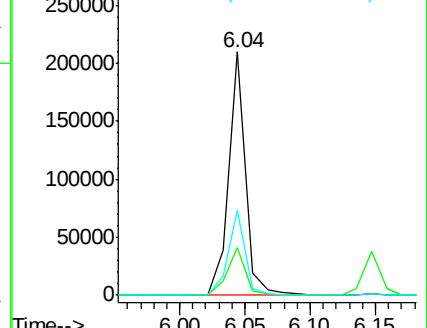
71 34.7 14.2 21.2#



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: 8.65 ng

RT: 6.96 min Scan# 470

Delta R.T. 0.13 min

Lab File: BF081358.D

Acq: 2 Sep 2015 20:13

Tgt Ion: 70 Resp: 58921

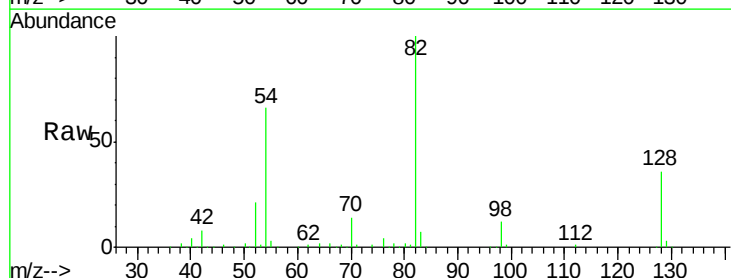
Ion Ratio Lower Upper

70 100

42 53.4 63.8 95.6#

101 0.0 9.2 13.8#

130 1.7 27.3 40.9#

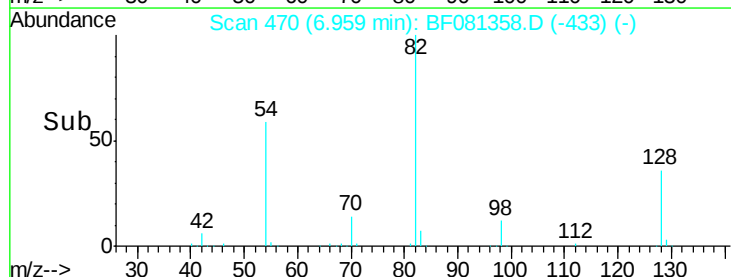
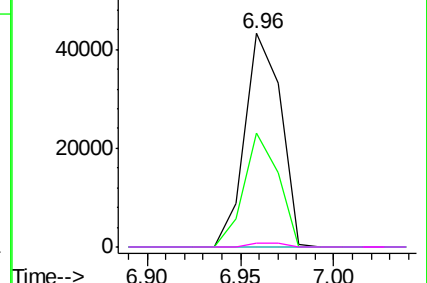


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 7.68 min Scan# 533

Delta R.T. -0.00 min

Lab File: BF081358.D

Acq: 2 Sep 2015 20:13

Instrument :

BNA_F

ClientSampleId :

DUP02-082815

Tot Ion:136 Resp: 468109

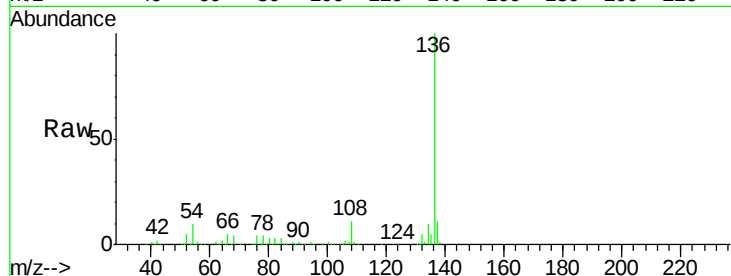
Ion Ratio Lower Upper

136 100

137 10.9 9.0 13.6

54 9.8 8.2 12.2

68 4.5 5.8 8.6#

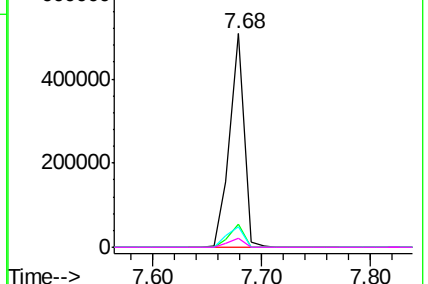
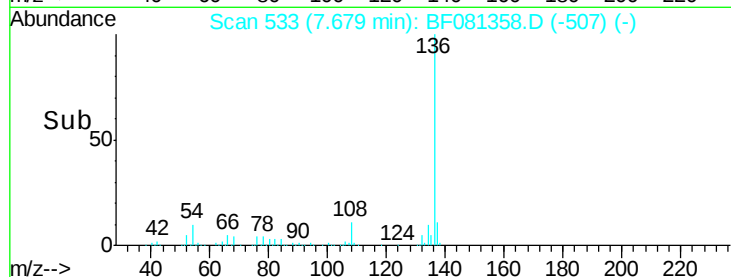


Abundance Ion 136.00 (135.70 to 136.70): E

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: 45.65 ng

RT: 6.96 min Scan# 470

Delta R.T. -0.01 min

Lab File: BF081358.D

Acq: 2 Sep 2015 20:13

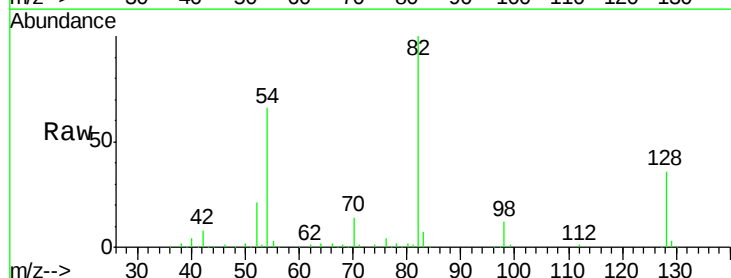
Tgt Ion: 82 Resp: 442876

Ion Ratio Lower Upper

82 100

128 35.8 51.0 76.6#

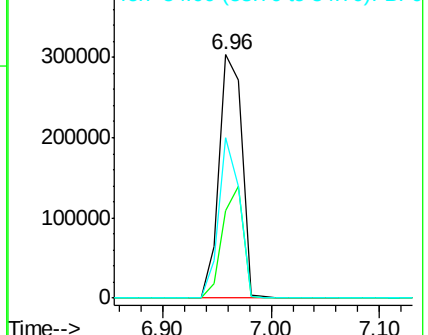
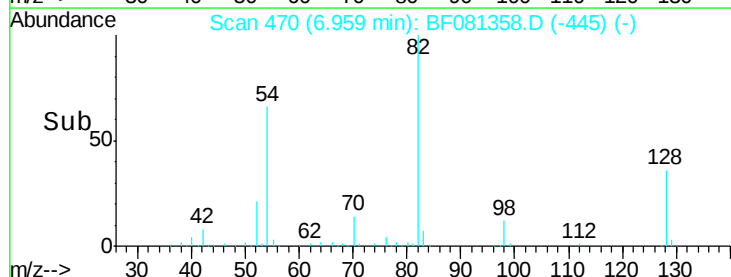
54 66.1 47.5 71.3

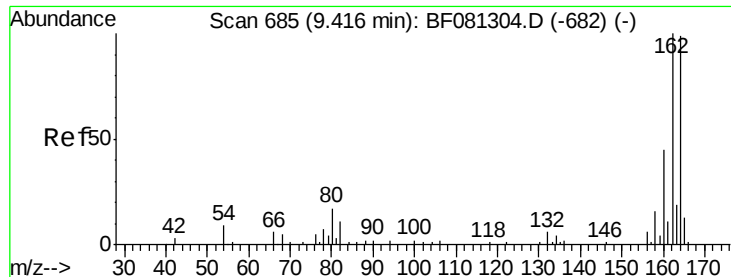


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

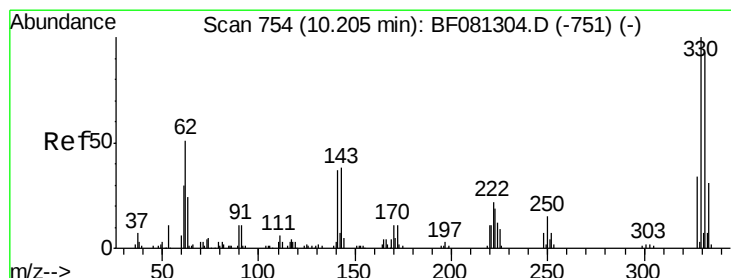
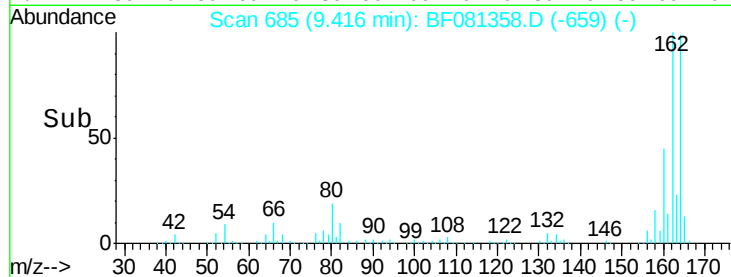
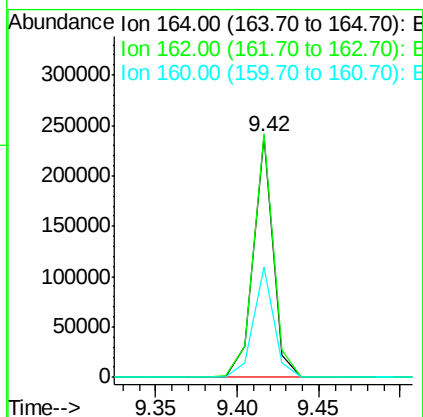
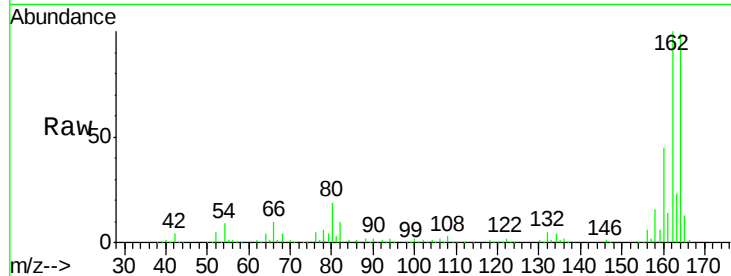




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.42 min Scan# 685
 Delta R.T. -0.00 min
 Lab File: BF081358.D
 Acq: 2 Sep 2015 20:13

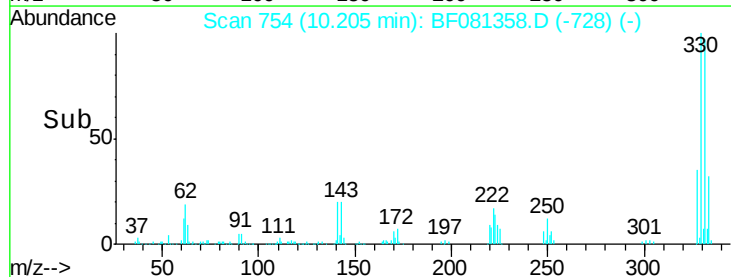
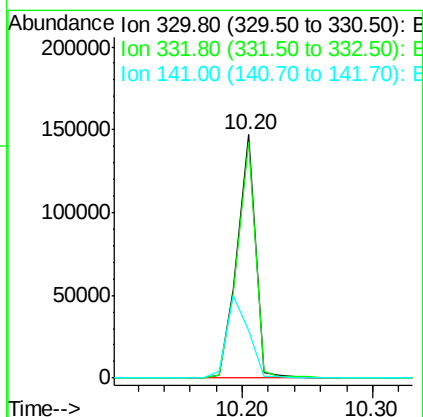
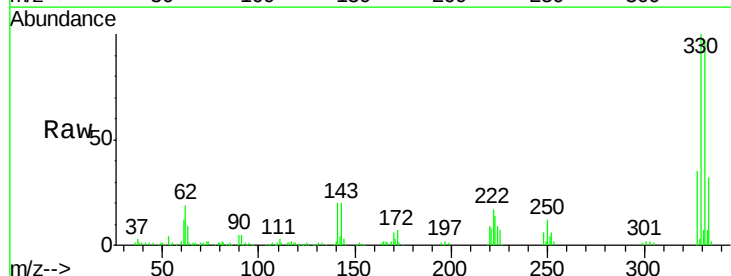
Instrument :
 BNA_F
 ClientSampleId :
 DUP02-082815

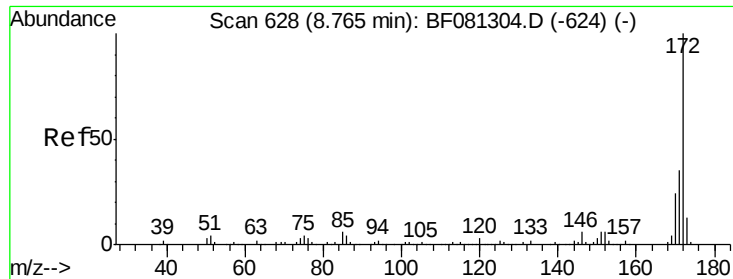
Tot Ion:164 Resp: 201215
 Ion Ratio Lower Upper
 164 100
 162 101.2 75.2 112.8
 160 45.8 31.5 47.3



#41
 2,4,6-Tribromophenol
 Concen: 80.04 ng
 RT: 10.20 min Scan# 754
 Delta R.T. -0.00 min
 Lab File: BF081358.D
 Acq: 2 Sep 2015 20:13

Tgt Ion:330 Resp: 143401
 Ion Ratio Lower Upper
 330 100
 332 97.0 76.6 114.8
 141 40.9 29.7 44.5

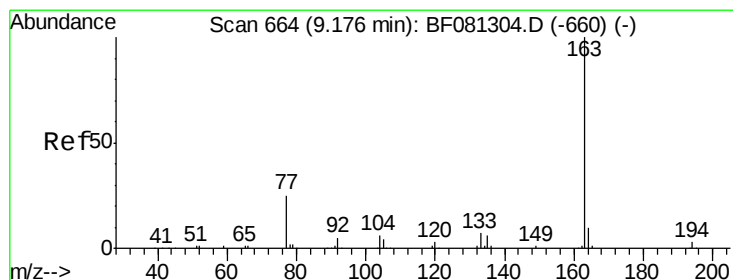
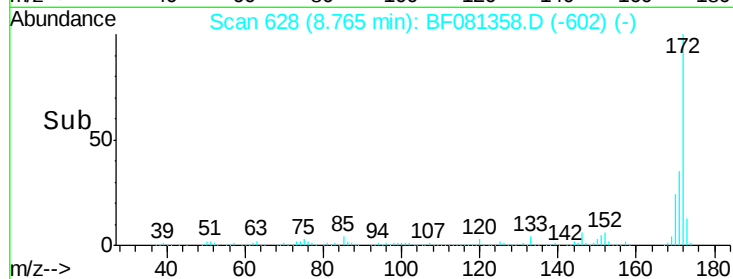
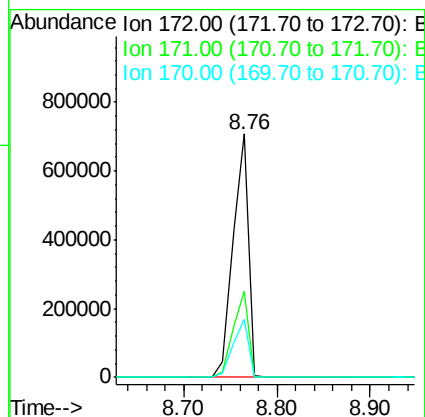
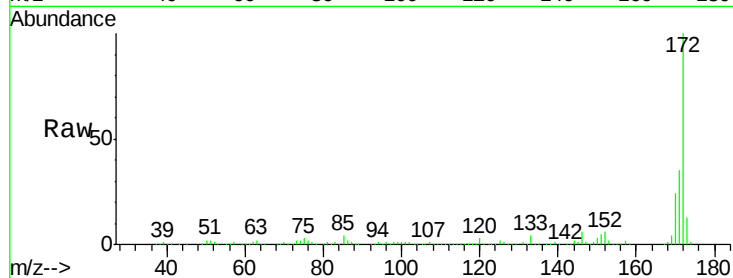




#44
2-Fluorobiphenyl
Concen: 52.07 ng
RT: 8.76 min Scan# 628
Delta R.T. -0.00 min
Lab File: BF081358.D
Acq: 2 Sep 2015 20:13

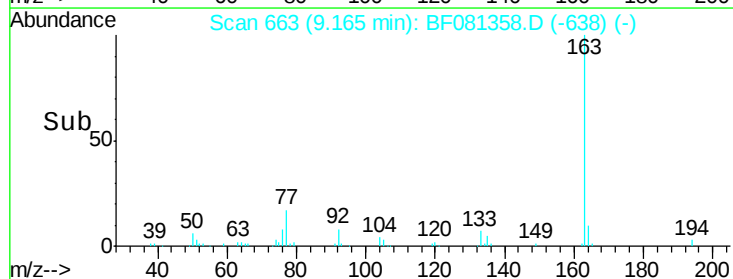
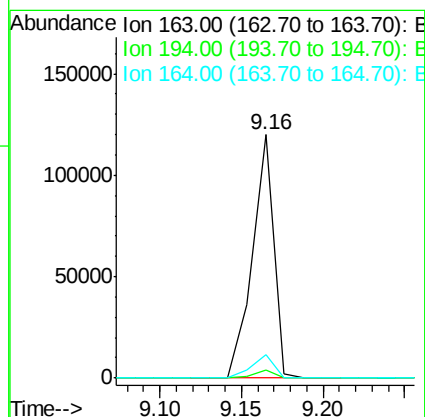
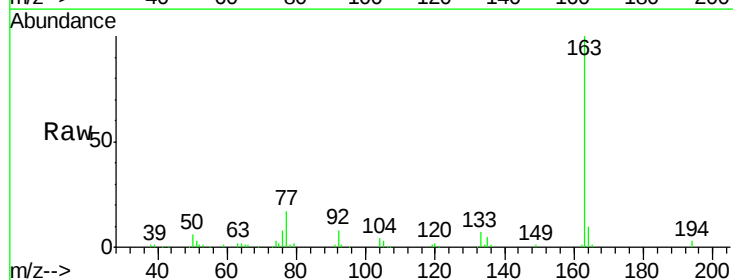
Instrument :
BNA_F
ClientSampleId :
DUP02-082815

Tot Ion:172 Resp: 817512
Ion Ratio Lower Upper
172 100
171 35.4 26.1 39.1
170 23.7 17.4 26.2



#49
Dimethylphthalate
Concen: 6.98 ng
RT: 9.16 min Scan# 663
Delta R.T. -0.01 min
Lab File: BF081358.D
Acq: 2 Sep 2015 20:13

Tgt Ion:163 Resp: 109171
Ion Ratio Lower Upper
163 100
194 3.5 4.4 6.6#
164 9.5 8.3 12.5

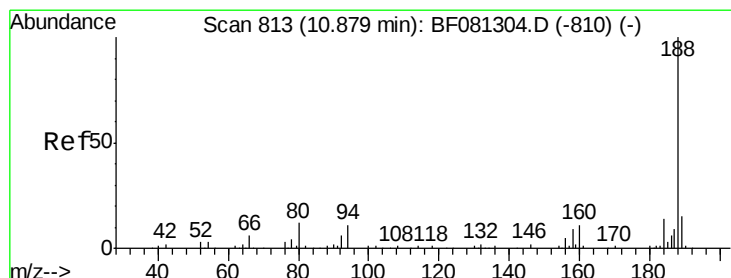
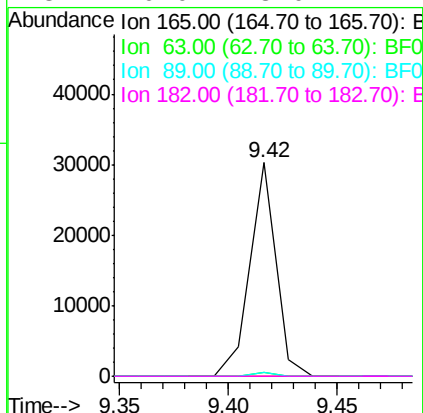
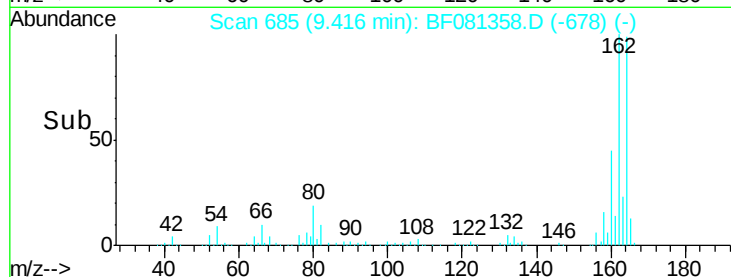
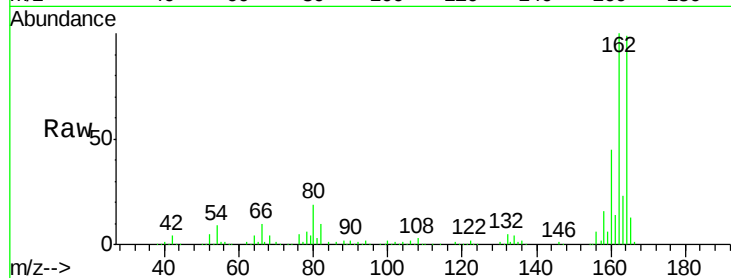




#56
 2,4-Dinitrotoluene
 Concen: 5.60 ng
 RT: 9.42 min Scan# 685
 Delta R.T. -0.22 min
 Lab File: BF081358.D
 Acq: 2 Sep 2015 20:13

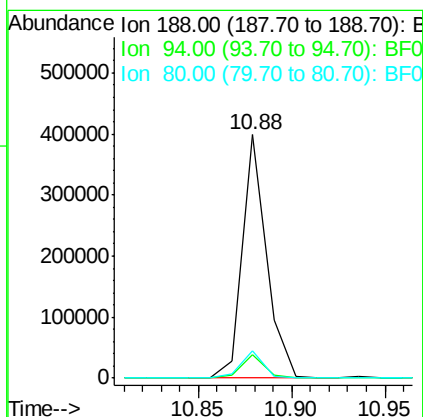
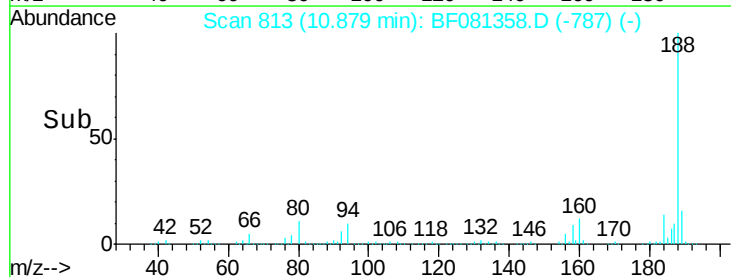
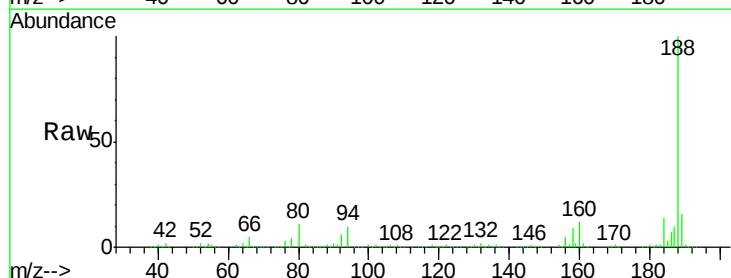
Instrument :
 BNA_F
 ClientSampleId :
 DUP02-082815

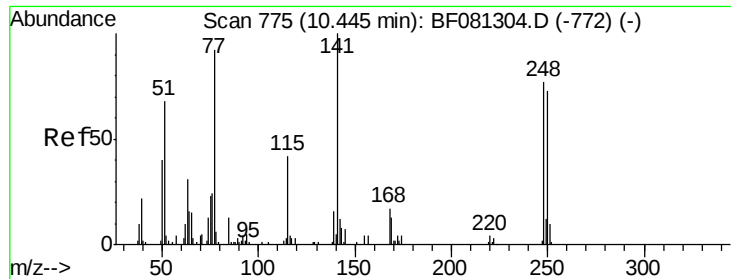
Tot Ion:165	Resp:	25289
Ion Ratio	Lower	Upper
165	100	
63	2.1	29.8 44.6#
89	1.8	44.5 66.7#
182	0.0	3.0 4.4#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 10.88 min Scan# 813
 Delta R.T. -0.00 min
 Lab File: BF081358.D
 Acq: 2 Sep 2015 20:13

Tgt Ion:188	Resp:	359728
Ion Ratio	Lower	Upper
188	100	
94	9.8	11.1 16.7#
80	11.4	11.0 16.4

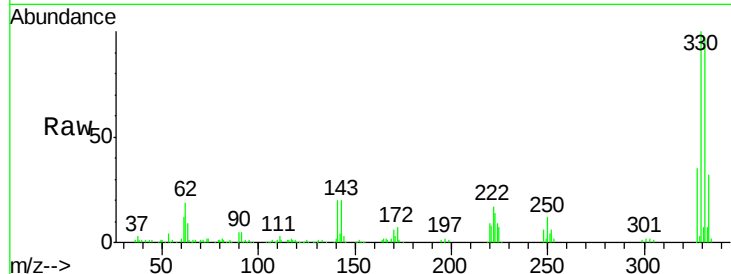




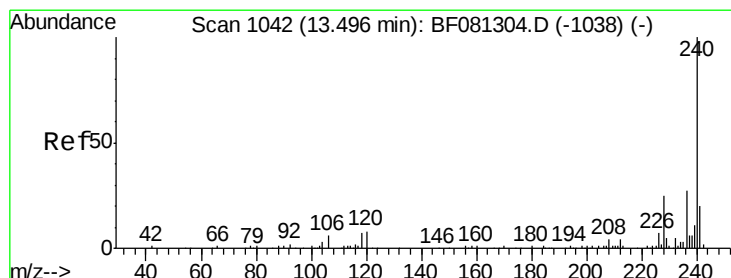
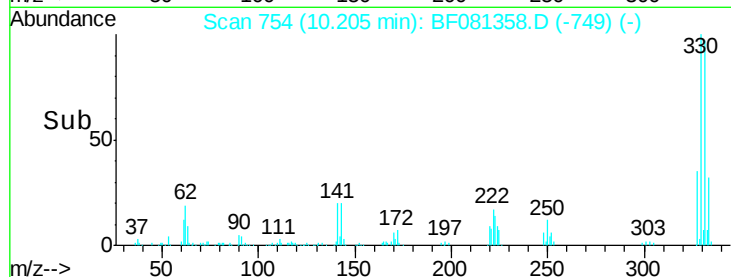
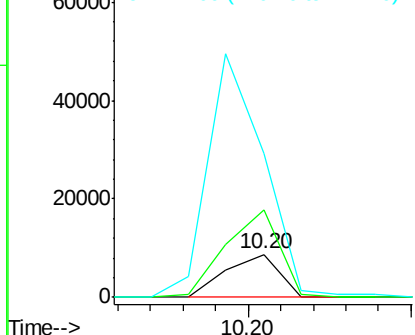
#66
 4-Bromophenyl-phenylether
 Concen: 2.69 ng
 RT: 10.20 min Scan# 754
 Delta R.T. -0.24 min
 Lab File: BF081358.D
 Acq: 2 Sep 2015 20:13

Instrument :
 BNA_F
 ClientSampleId :
 DUP02-082815

Tot Ion:248 Resp: 9789
 Ion Ratio Lower Upper
 248 100
 250 204.1 78.5 117.7#
 141 334.3 59.0 88.6#

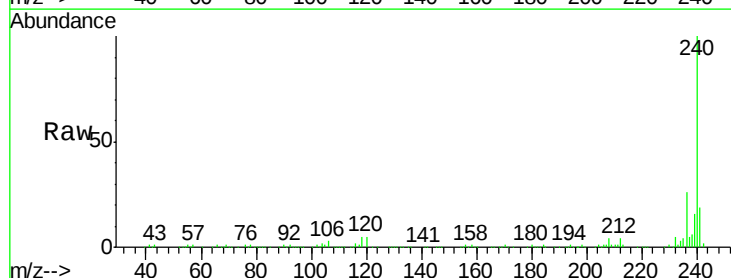


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

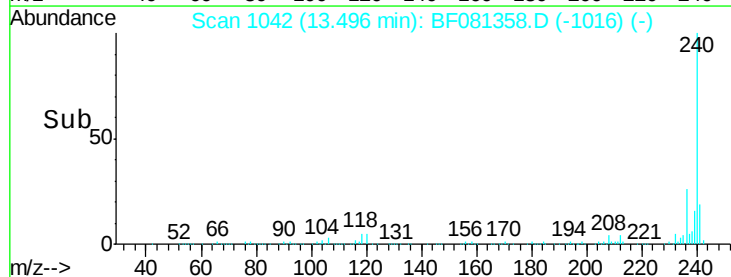
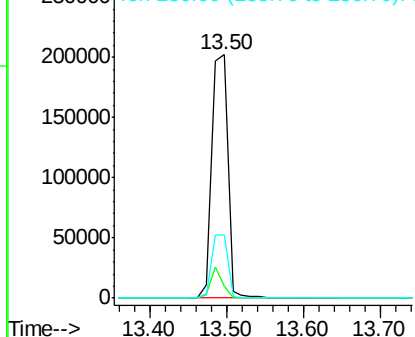


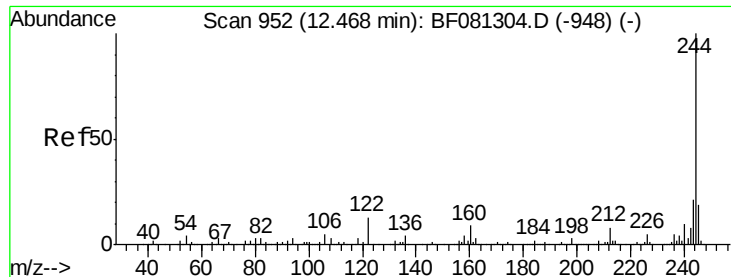
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.50 min Scan# 1042
 Delta R.T. -0.00 min
 Lab File: BF081358.D
 Acq: 2 Sep 2015 20:13

Tgt Ion:240 Resp: 290477
 Ion Ratio Lower Upper
 240 100
 120 5.1 16.2 24.2#
 236 26.0 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

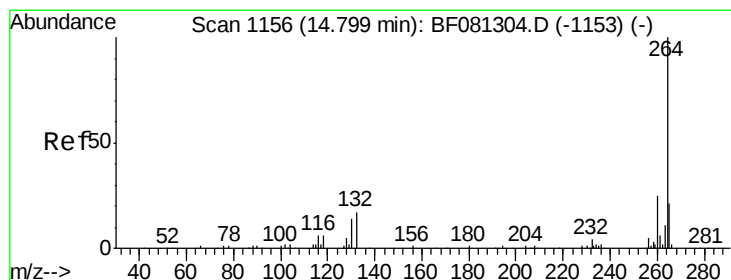
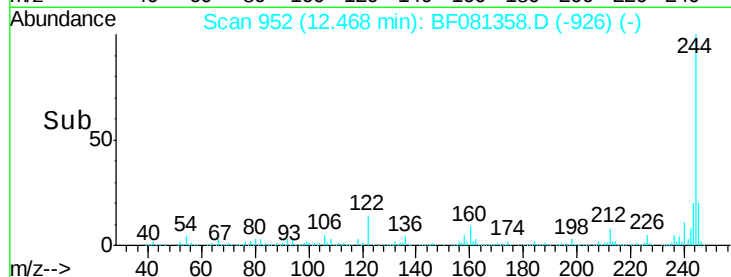
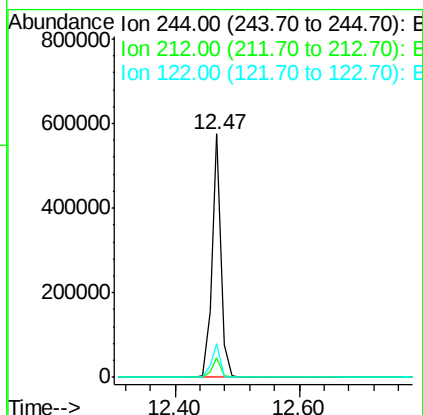
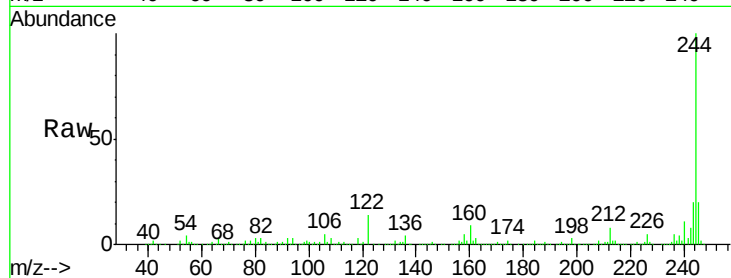




#78
 Terphenyl-d14
 Concen: 45.39 ng
 RT: 12.47 min Scan# 952
 Delta R.T. -0.00 min
 Lab File: BF081358.D
 Acq: 2 Sep 2015 20:13

Instrument :
 BNA_F
 ClientSampleId :
 DUP02-082815

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.3	4.3	6.5#
122	13.8	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: BF081358.D
 Acq: 2 Sep 2015 20:13

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	16.7	25.1
265	21.9	17.2	25.8

