

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090515\
 Data File : BF081481.D
 Acq On : 6 Sep 2015 00:02
 Operator : UM/IZ
 Sample : G3555-06
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-6

Quant Time: Sep 07 01:32:08 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

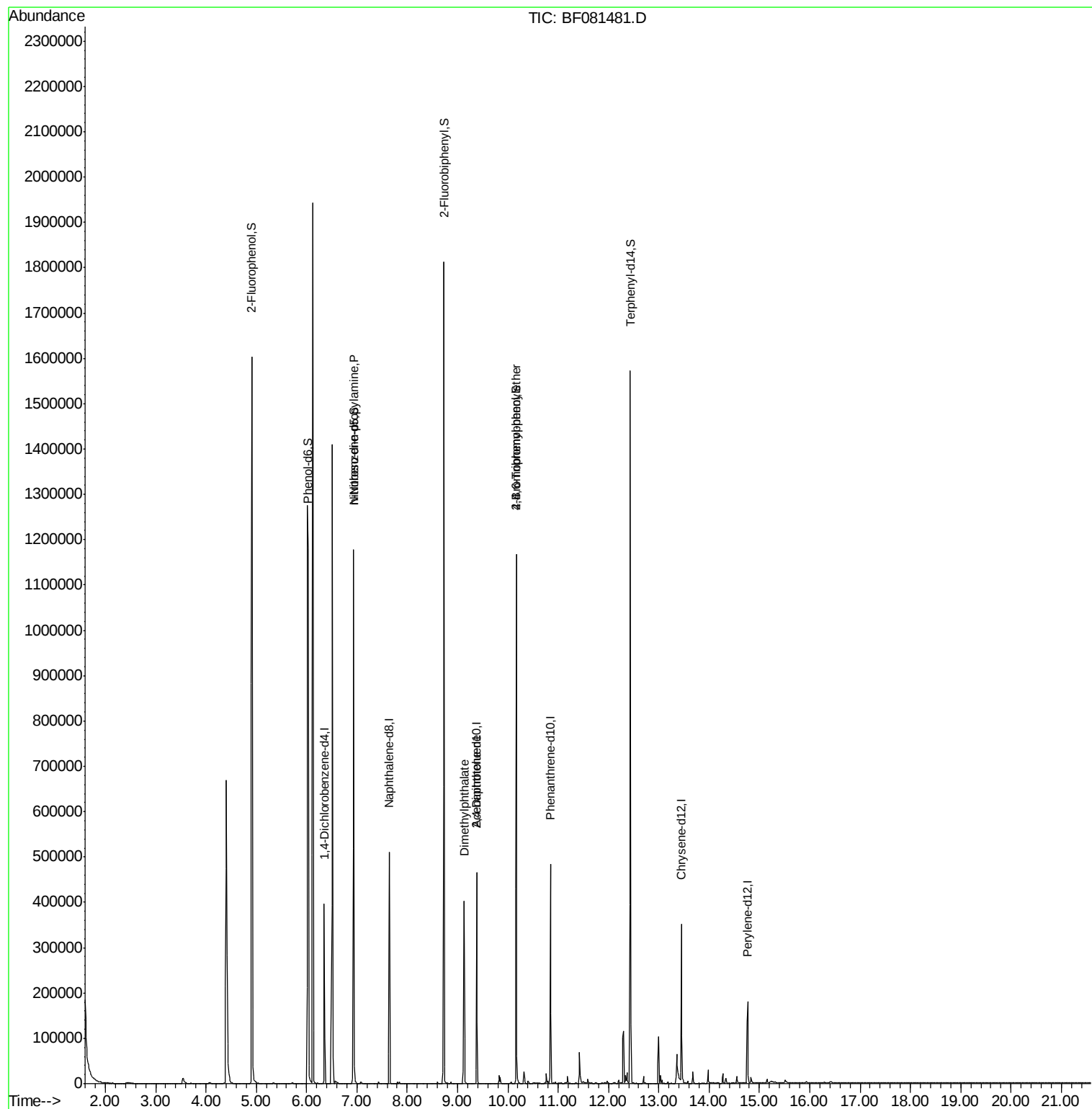
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.35	152	54305	20.00	ng	-0.03
21) Naphthalene-d8	7.64	136	205318	20.00	ng	-0.03
38) Acenaphthene-d10	9.38	164	93217	20.00	ng	-0.03
63) Phenanthrene-d10	10.84	188	184373	20.00	ng	-0.03
75) Chrysene-d12	13.45	240	130286	20.00	ng	-0.05
86) Perylene-d12	14.77	264	94021	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	4.91	112	474165	135.47	ng	-0.01
7) Phenol-d6	6.03	99	643303	138.85	ng	-0.02
23) Nitrobenzene-d5	6.94	82	403653	94.85	ng	-0.03
41) 2,4,6-Tribromophenol	10.17	330	114642	138.12	ng	-0.03
44) 2-Fluorobiphenyl	8.73	172	582837	80.12	ng	-0.03
78) Terphenyl-d14	12.43	244	460241	82.23	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.94	70	55387	17.57	ng	# 63
49) Dimethylphthalate	9.13	163	156385	21.59	ng	# 97
56) 2,4-Dinitrotoluene	9.38	165	12104	5.78	ng	# 31
66) 4-Bromophenyl-phenylether	10.17	248	9077	4.87	ng	# 1

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

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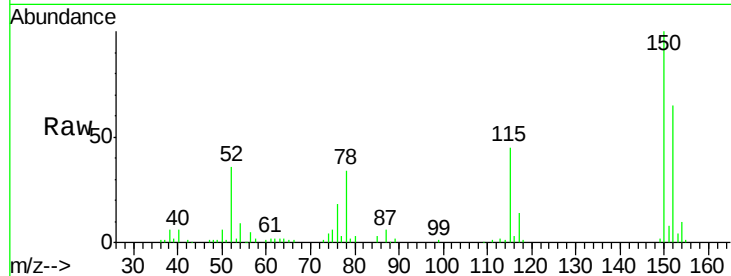


#1

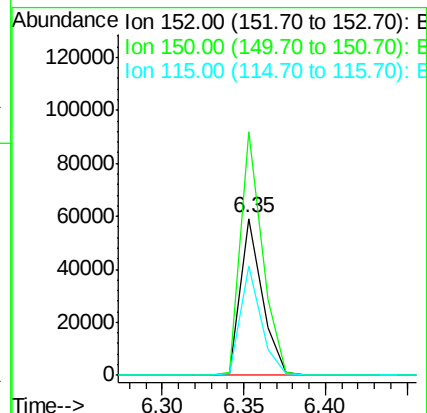
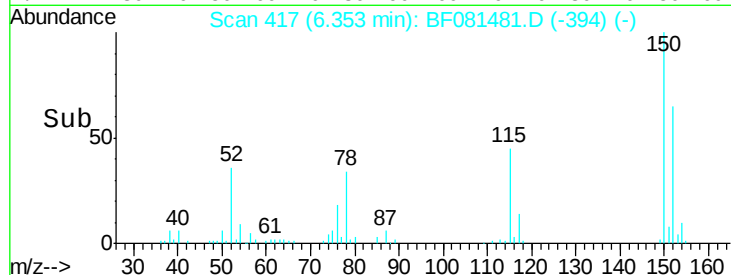
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.35 min Scan# 417
Delta R.T. -0.03 min
Lab File: BF081481.D
Acq: 6 Sep 2015 00:02

Instrument :
BNA_F
ClientSampleId :
SB-6

Tot Ion:152 Resp: 54305
Ion Ratio Lower Upper
152 100
150 154.9 124.7 187.1
115 69.1 39.0 58.4#



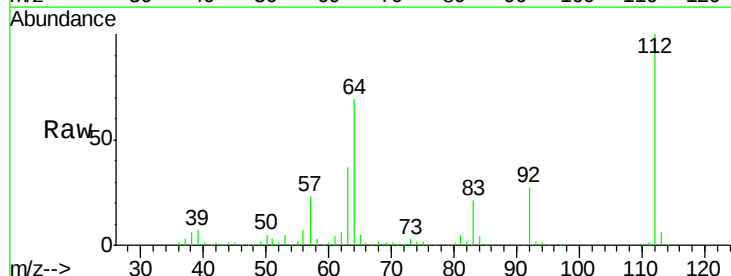
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



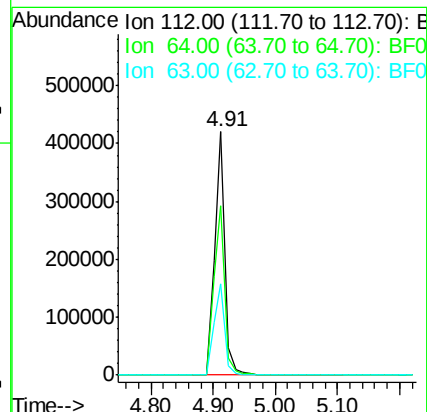
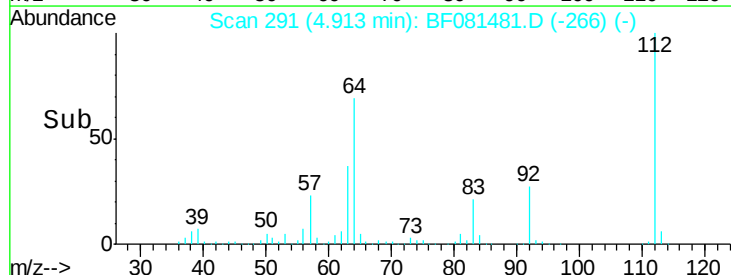
#5

2-Fluorophenol
Concen: 135.47 ng
RT: 4.91 min Scan# 291
Delta R.T. -0.01 min
Lab File: BF081481.D
Acq: 6 Sep 2015 00:02

Tgt Ion:112 Resp: 474165
Ion Ratio Lower Upper
112 100
64 69.3 39.7 59.5#
63 37.3 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: 138.85 ng

RT: 6.03 min Scan# 389

Delta R.T. -0.02 min

Lab File: BF081481.D

Acq: 6 Sep 2015 00:02

Instrument :

BNA_F

ClientSampled :

SB-6

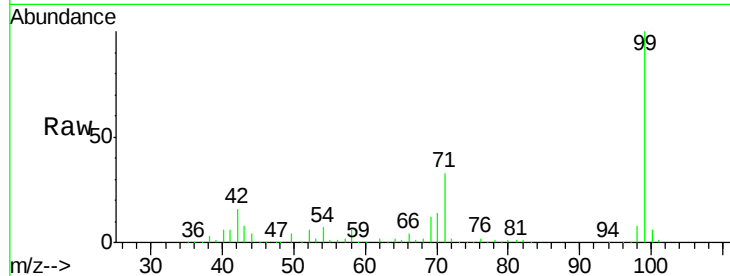
Tot Ion: 99 Resp: 643303

Ion Ratio Lower Upper

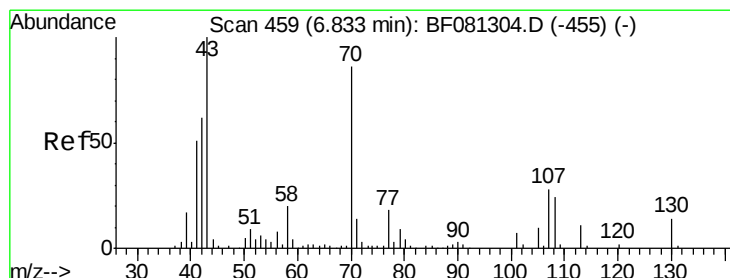
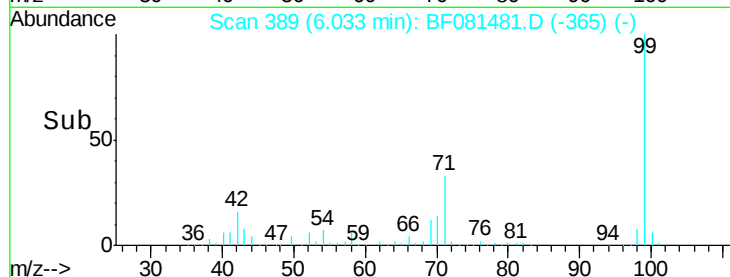
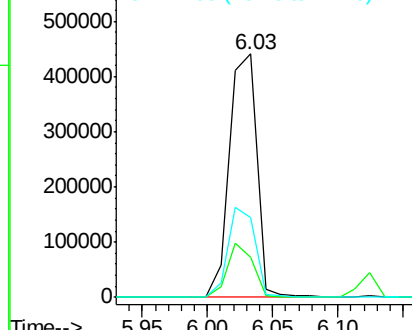
99 100

42 16.4 13.7 20.5

71 32.5 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: 17.57 ng

RT: 6.94 min Scan# 468

Delta R.T. 0.10 min

Lab File: BF081481.D

Acq: 6 Sep 2015 00:02

Tgt Ion: 70 Resp: 55387

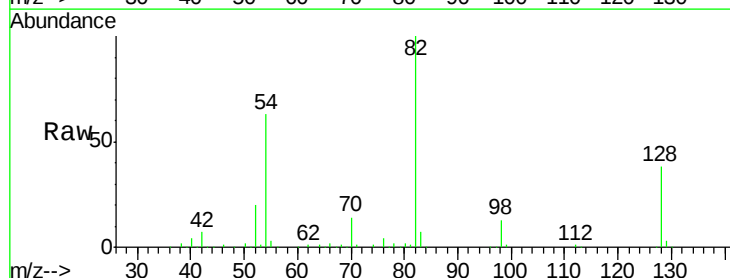
Ion Ratio Lower Upper

70 100

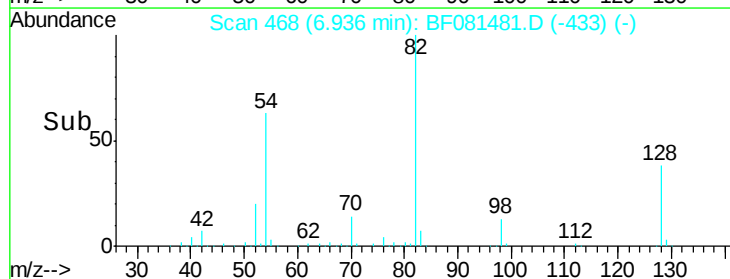
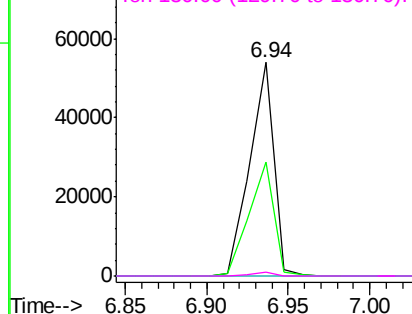
42 53.6 63.8 95.6#

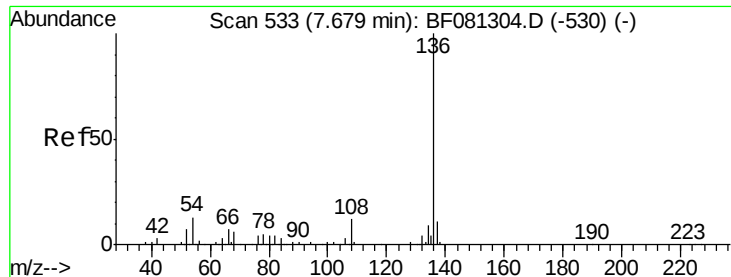
101 0.0 9.2 13.8#

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: 7.64 min Scan# 530

Delta R.T. -0.03 min

Lab File: BF081481.D

Acq: 6 Sep 2015 00:02

Instrument :

BNA_F

ClientSampleId :

SB-6

Tot Ion:136 Resp: 205318

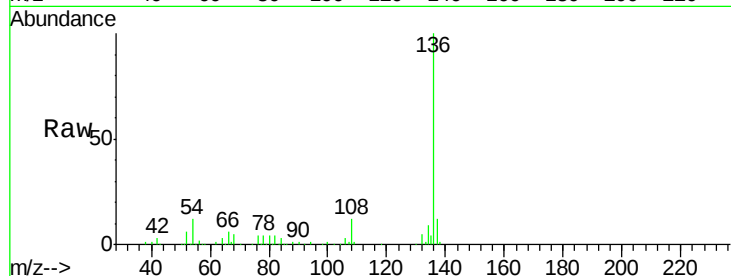
Ion Ratio Lower Upper

136 100

137 11.6 9.0 13.6

54 11.6 8.2 12.2

68 5.0 5.8 8.6#

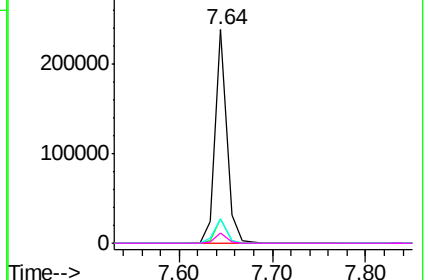
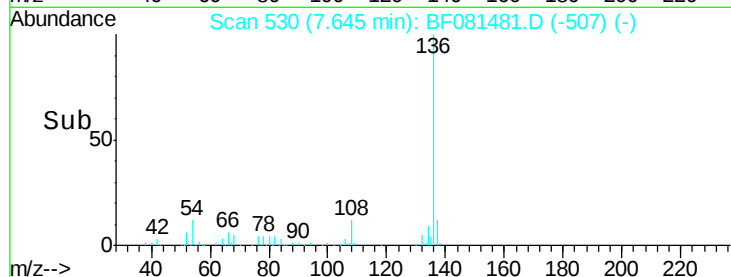


Abundance Ion 136.00 (135.70 to 136.70): E

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: 94.85 ng

RT: 6.94 min Scan# 468

Delta R.T. -0.03 min

Lab File: BF081481.D

Acq: 6 Sep 2015 00:02

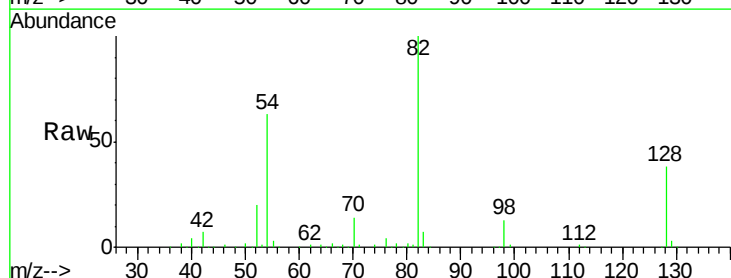
Tgt Ion: 82 Resp: 403653

Ion Ratio Lower Upper

82 100

128 38.2 51.0 76.6#

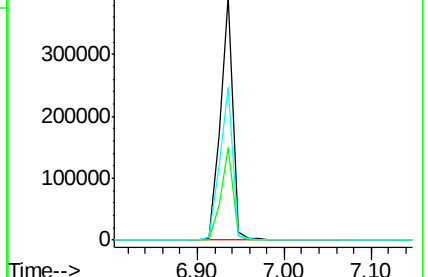
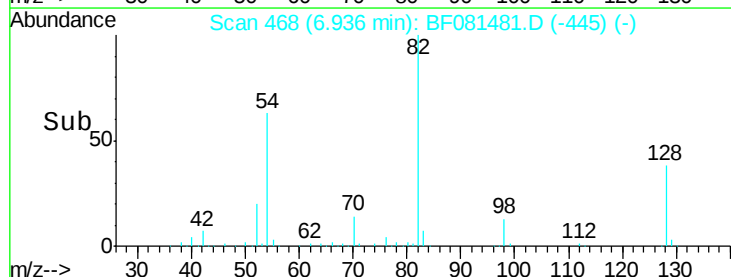
54 62.9 47.5 71.3

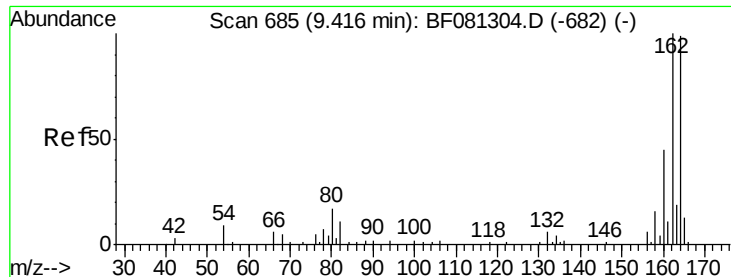


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 9.38 min Scan# 682

Delta R.T. -0.03 min

Lab File: BF081481.D

Acq: 6 Sep 2015 00:02

Instrument :

BNA_F

ClientSampleId :

SB-6

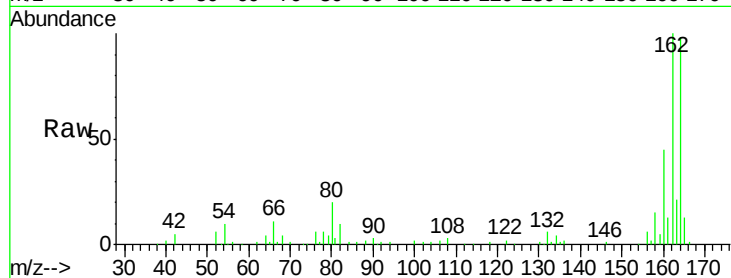
Tot Ion:164 Resp: 93217

Ion Ratio Lower Upper

164 100

162 102.0 75.2 112.8

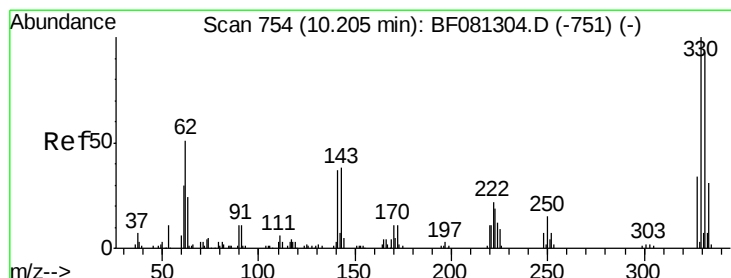
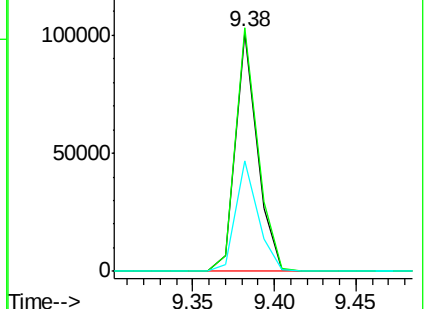
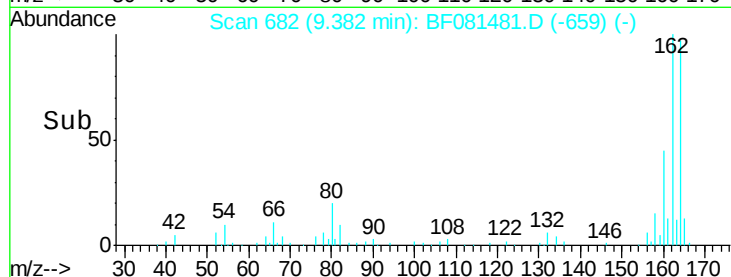
160 46.4 31.5 47.3



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: 138.12 ng

RT: 10.17 min Scan# 751

Delta R.T. -0.03 min

Lab File: BF081481.D

Acq: 6 Sep 2015 00:02

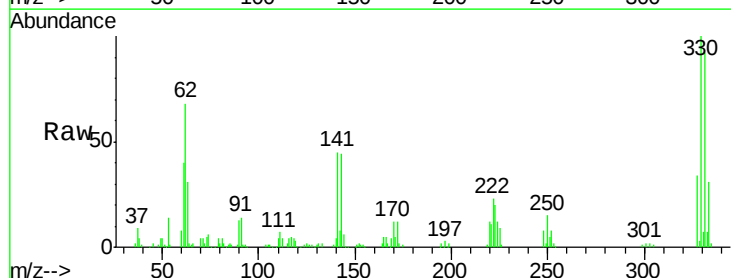
Tgt Ion:330 Resp: 114642

Ion Ratio Lower Upper

330 100

332 93.7 76.6 114.8

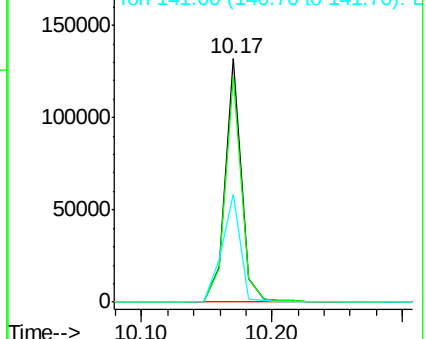
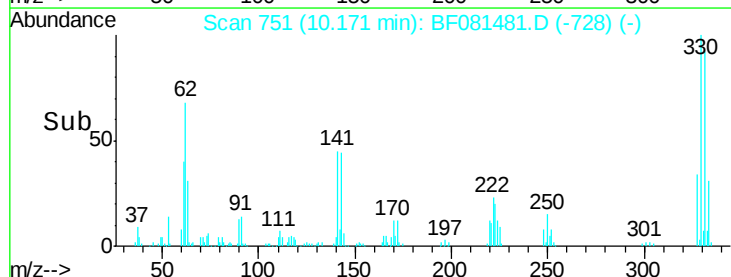
141 50.6 29.7 44.5#



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

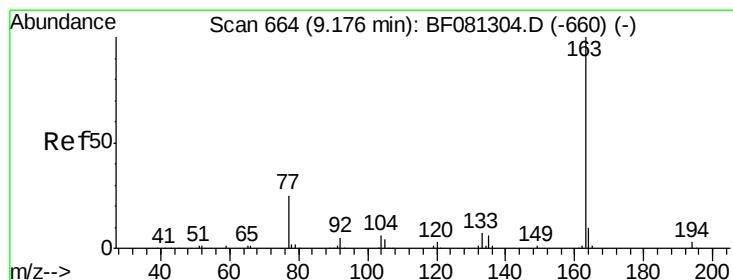
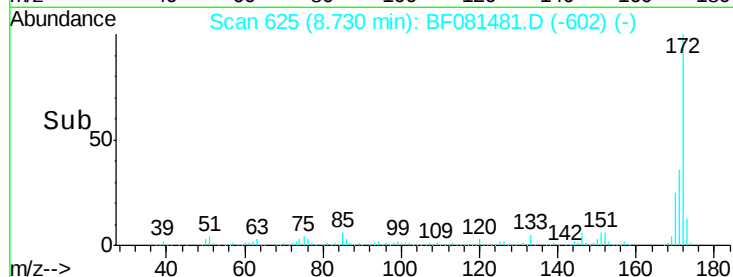
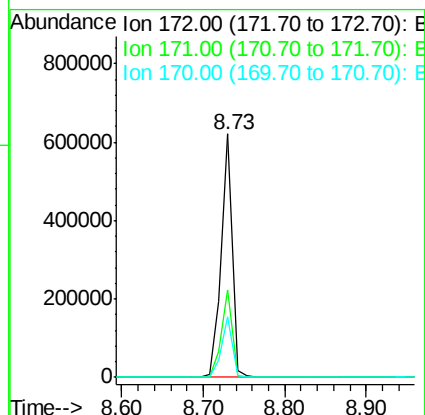
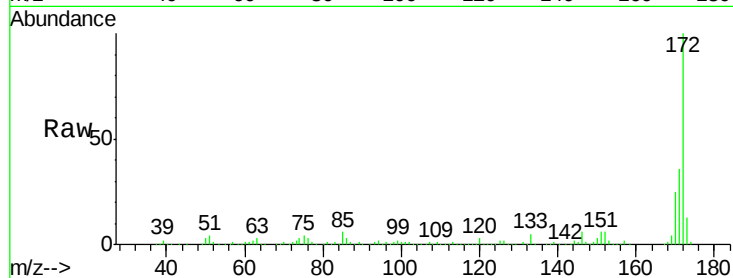




#44
2-Fluorobiphenyl
Concen: 80.12 ng
RT: 8.73 min Scan# 625
Delta R.T. -0.03 min
Lab File: BF081481.D
Acq: 6 Sep 2015 00:02

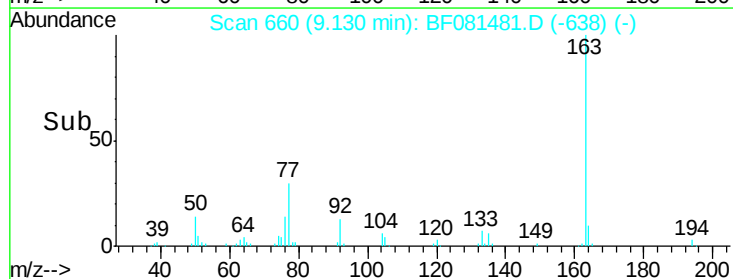
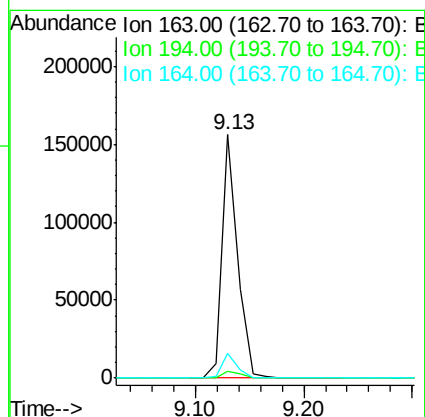
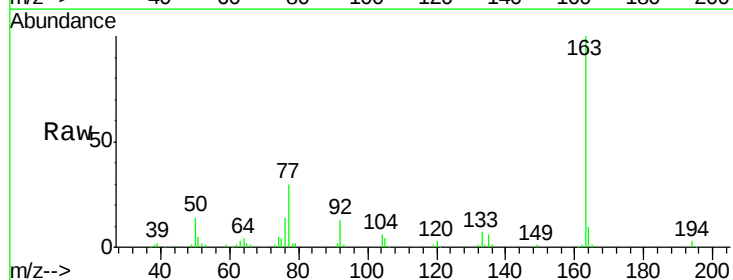
Instrument :
BNA_F
ClientSampleId :
SB-6

Tot Ion:172 Resp: 582837
Ion Ratio Lower Upper
172 100
171 35.8 26.1 39.1
170 24.7 17.4 26.2



#49
Dimethylphthalate
Concen: 21.59 ng
RT: 9.13 min Scan# 660
Delta R.T. -0.05 min
Lab File: BF081481.D
Acq: 6 Sep 2015 00:02

Tgt Ion:163 Resp: 156385
Ion Ratio Lower Upper
163 100
194 2.9 4.4 6.6#
164 10.2 8.3 12.5

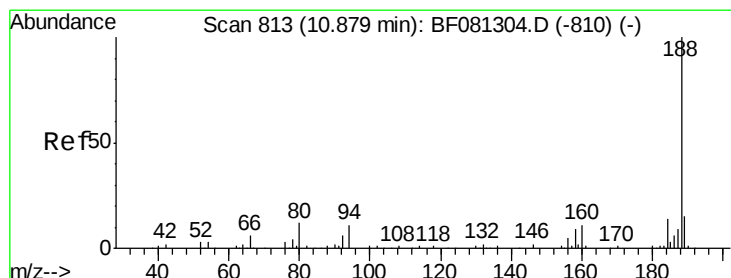
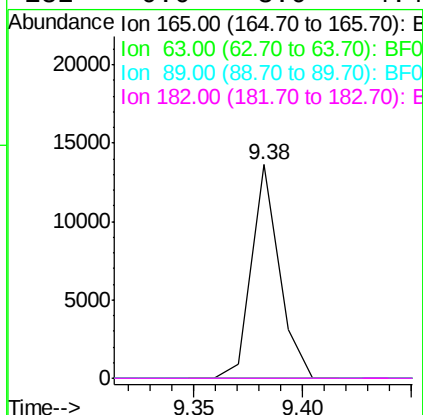
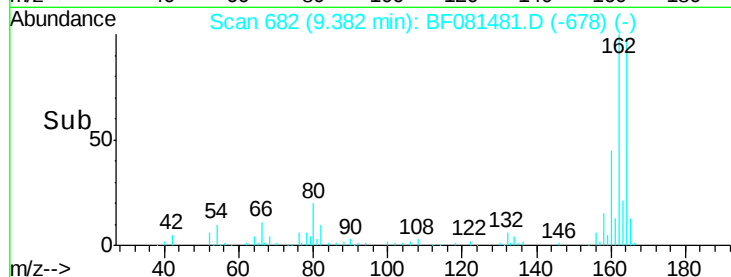
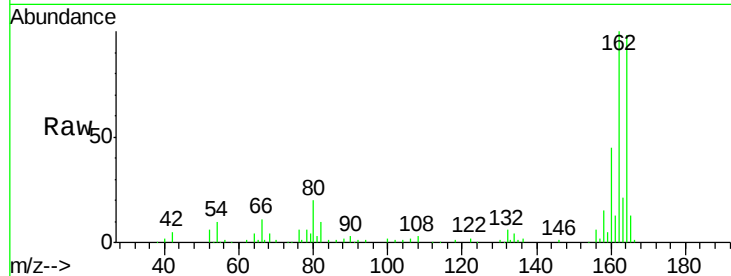




#56
 2,4-Dinitrotoluene
 Concen: 5.78 ng
 RT: 9.38 min Scan# 682
 Delta R.T. -0.25 min
 Lab File: BF081481.D
 Acq: 6 Sep 2015 00:02

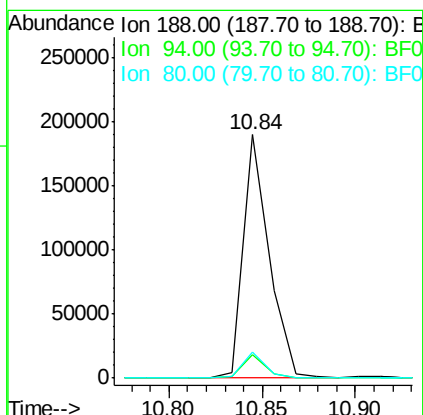
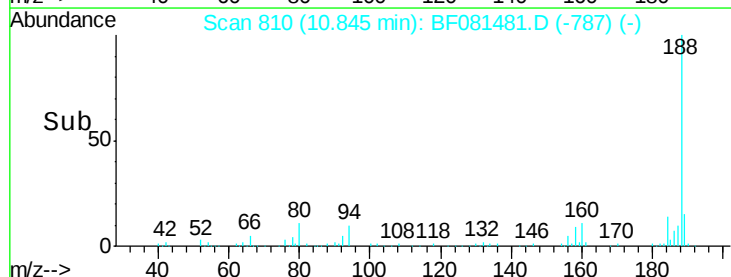
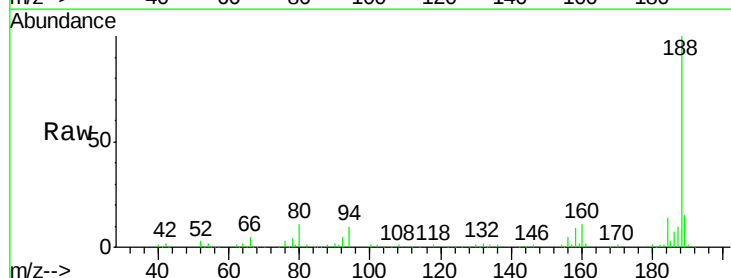
Instrument :
 BNA_F
 ClientSampleId :
 SB-6

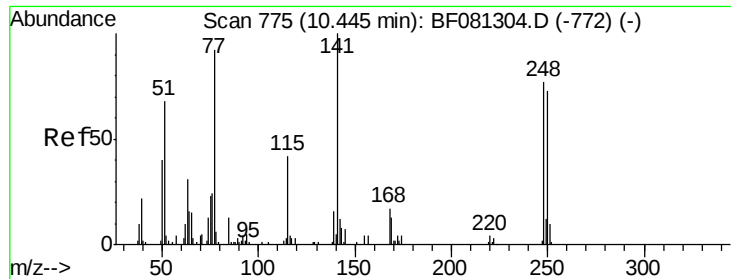
Tot Ion:	165	Resp:	12104
Ion	Ratio	Lower	Upper
165	100		
63	0.0	29.8	44.6#
89	0.0	44.5	66.7#
182	0.0	3.0	4.4#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 10.84 min Scan# 810
 Delta R.T. -0.03 min
 Lab File: BF081481.D
 Acq: 6 Sep 2015 00:02

Tgt Ion:	188	Resp:	184373
Ion	Ratio	Lower	Upper
188	100		
94	9.6	11.1	16.7#
80	10.9	11.0	16.4#

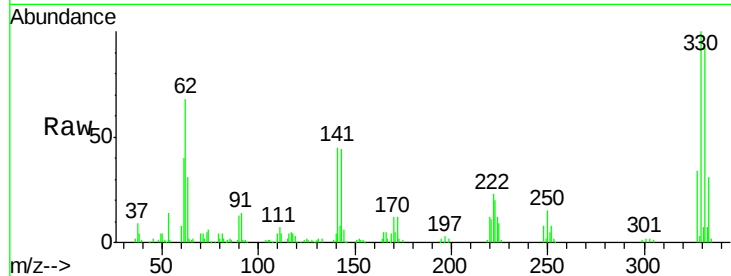




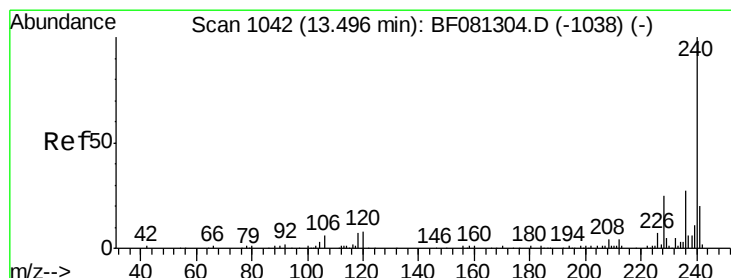
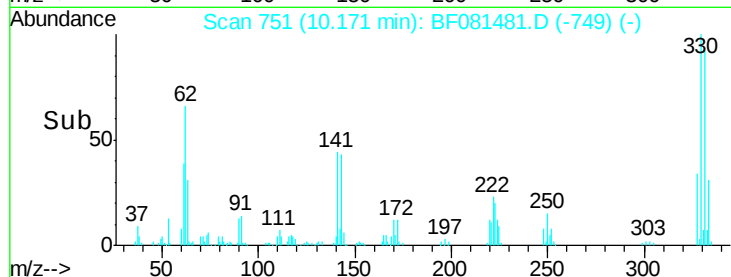
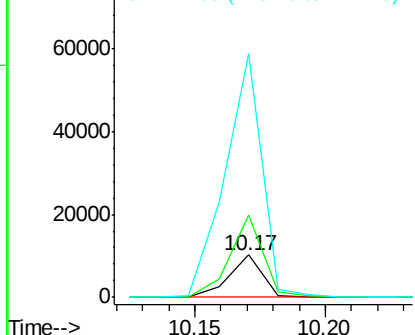
#66
4-Bromophenyl-phenylether
Concen: 4.87 ng
RT: 10.17 min Scan# 751
Delta R.T. -0.27 min
Lab File: BF081481.D
Acq: 6 Sep 2015 00:02

Instrument :
BNA_F
ClientSampleId :
SB-6

Tot Ion:248 Resp: 9077
Ion Ratio Lower Upper
248 100
250 193.8 78.5 117.7#
141 573.1 59.0 88.6#

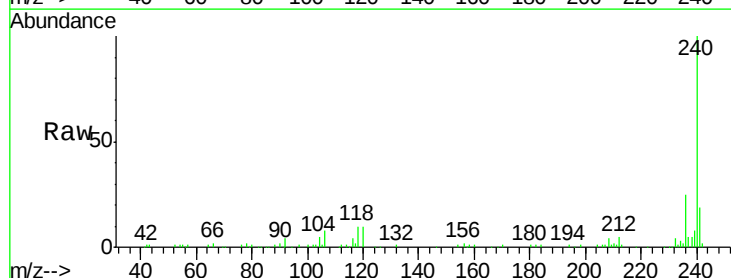


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

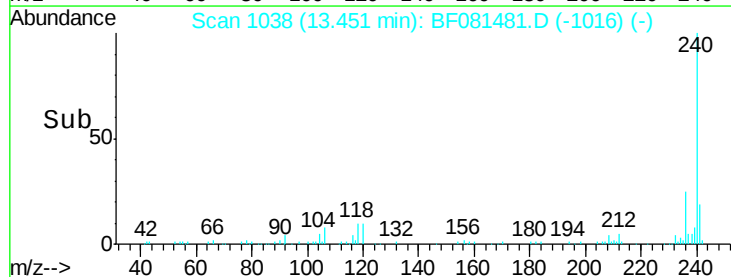
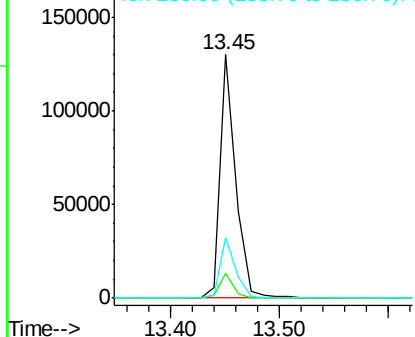


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.45 min Scan# 1038
Delta R.T. -0.05 min
Lab File: BF081481.D
Acq: 6 Sep 2015 00:02

Tgt Ion:240 Resp: 130286
Ion Ratio Lower Upper
240 100
120 10.3 16.2 24.2#
236 25.1 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

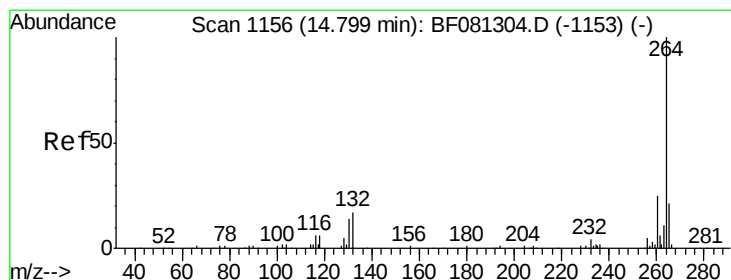
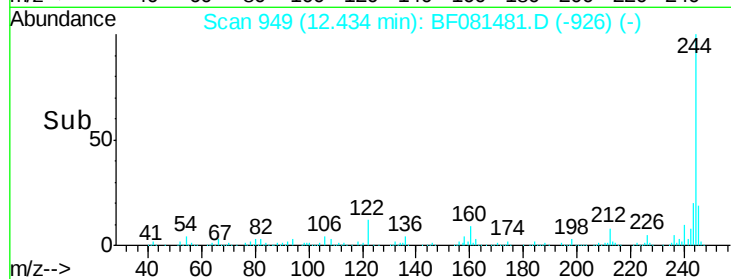
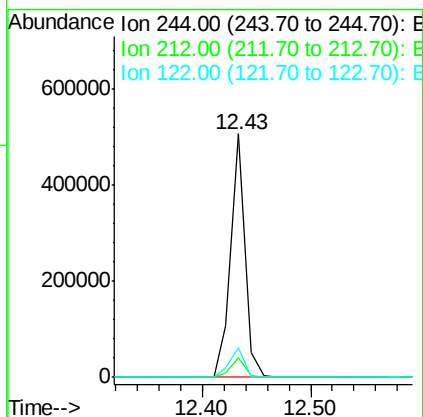
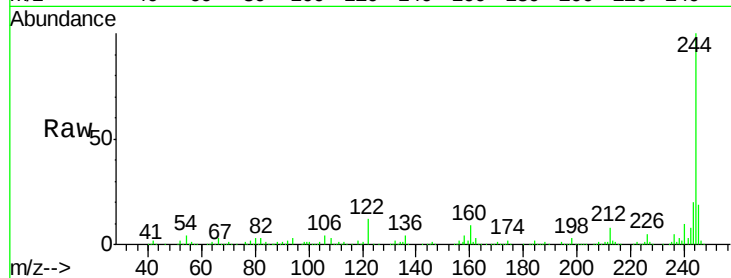




#78
 Terphenyl-d14
 Concen: 82.23 ng
 RT: 12.43 min Scan# 949
 Delta R.T. -0.03 min
 Lab File: BF081481.D
 Acq: 6 Sep 2015 00:02

Instrument :
 BNA_F
 ClientSampleId :
 SB-6

Tot Ion:244 Resp: 460241
 Ion Ratio Lower Upper
 244 100
 212 8.0 4.3 6.5#
 122 12.2 17.4 26.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.77 min Scan# 1153
 Delta R.T. -0.03 min
 Lab File: BF081481.D
 Acq: 6 Sep 2015 00:02

Tgt Ion:264 Resp: 94021
 Ion Ratio Lower Upper
 264 100
 260 23.6 16.7 25.1
 265 21.0 17.2 25.8

