

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090515\
 Data File : BF081482.D
 Acq On : 6 Sep 2015 00:32
 Operator : UM/IZ
 Sample : G3555-07
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-7

Quant Time: Sep 07 01:32:35 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

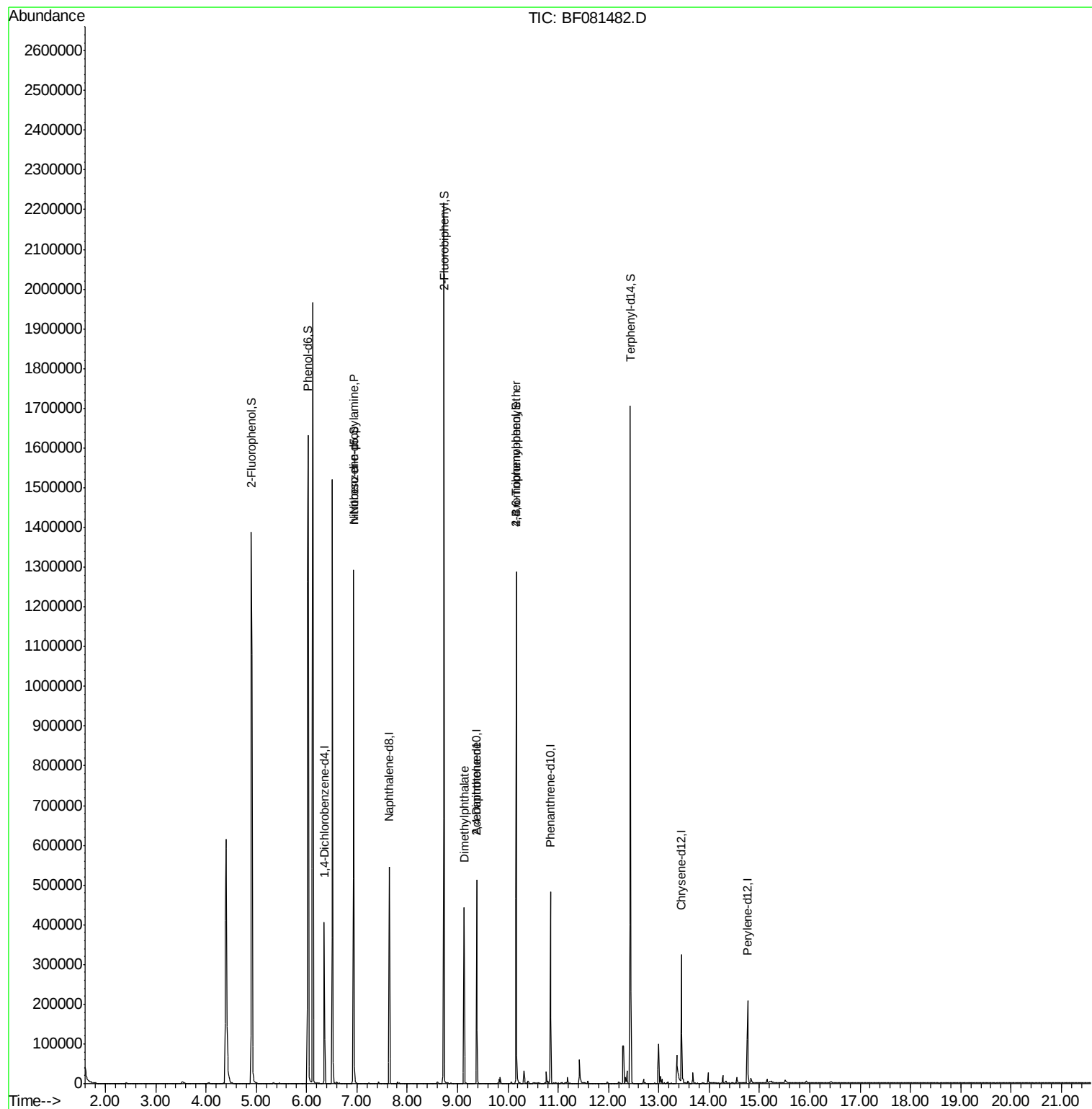
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.35	152	55305	20.00	ng	-0.03
21) Naphthalene-d8	7.64	136	216677	20.00	ng	-0.03
38) Acenaphthene-d10	9.38	164	99485	20.00	ng	-0.03
63) Phenanthrene-d10	10.84	188	186002	20.00	ng	-0.03
75) Chrysene-d12	13.45	240	126567	20.00	ng	-0.05
86) Perylene-d12	14.77	264	93765	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	4.90	112	483716	135.70	ng	-0.02
7) Phenol-d6	6.03	99	731817	155.10	ng	-0.02
23) Nitrobenzene-d5	6.94	82	428812	95.48	ng	-0.03
41) 2,4,6-Tribromophenol	10.17	330	122899	138.74	ng	-0.03
44) 2-Fluorobiphenyl	8.73	172	675004	86.95	ng	-0.03
78) Terphenyl-d14	12.43	244	509295	93.67	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.94	70	58883	18.34	ng	# 62
49) Dimethylphthalate	9.13	163	154454	19.98	ng	# 97
56) 2,4-Dinitrotoluene	9.38	165	12566	5.63	ng	# 31
66) 4-Bromophenyl-phenylether	10.17	248	10076	5.36	ng	# 1

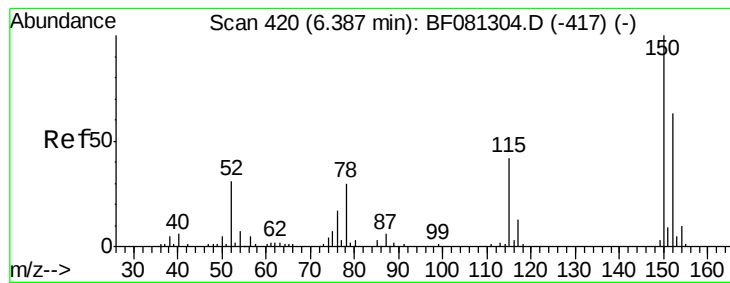
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF081482.D

Acq: 6 Sep 2015 00:32

Instrument :

BNA_F

ClientSampleId :

SB-7

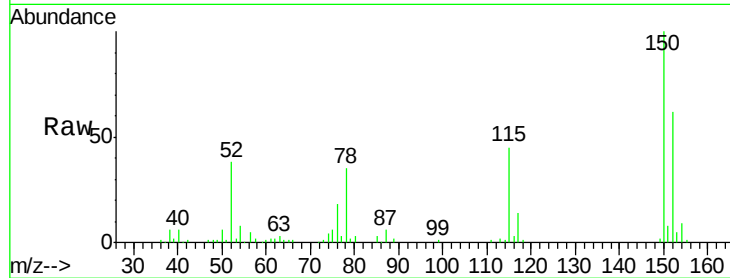
Tot Ion:152 Resp: 55305

Ion Ratio Lower Upper

152 100

150 161.0 124.7 187.1

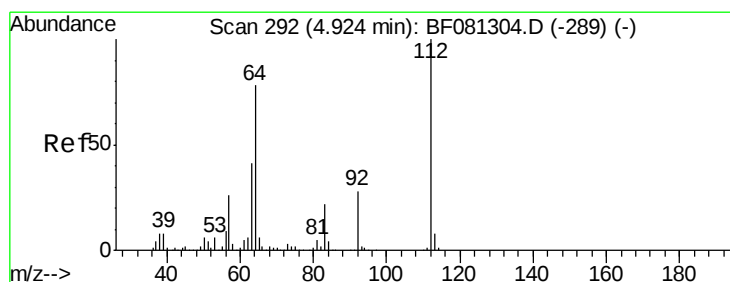
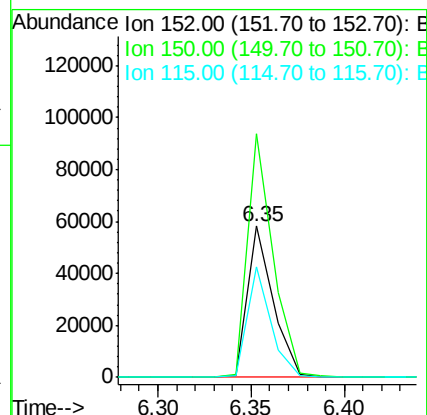
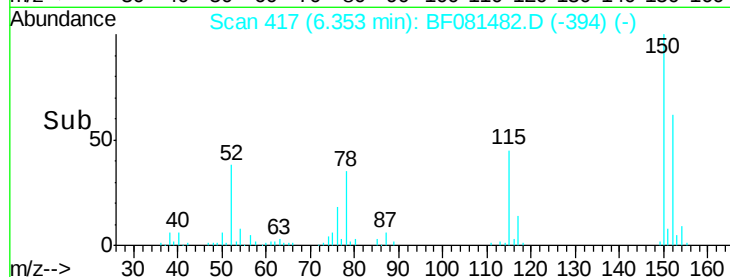
115 72.6 39.0 58.4#



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: 135.70 ng

RT: 4.90 min Scan# 290

Delta R.T. -0.02 min

Lab File: BF081482.D

Acq: 6 Sep 2015 00:32

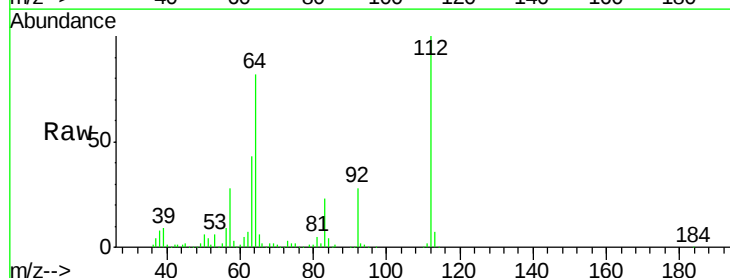
Tgt Ion:112 Resp: 483716

Ion Ratio Lower Upper

112 100

64 82.0 39.7 59.5#

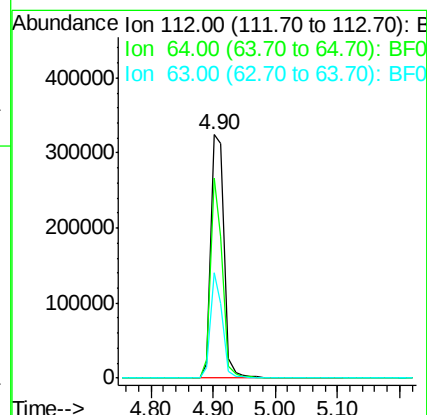
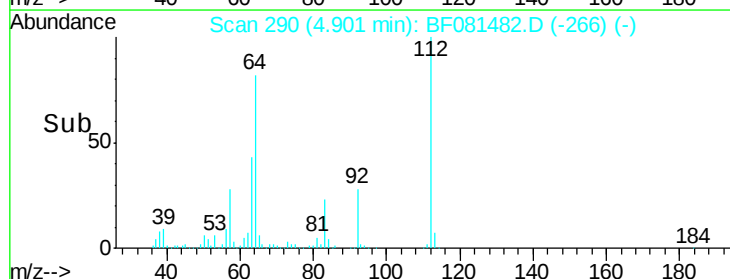
63 43.5 17.4 26.0#

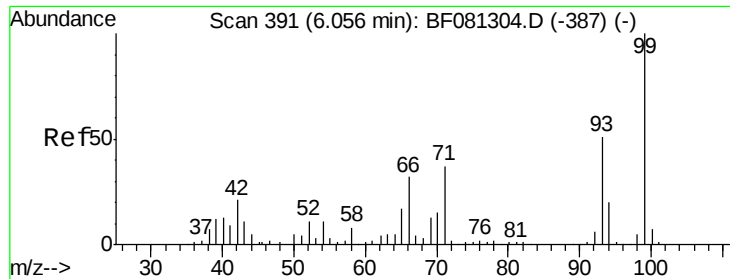


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 155.10 ng

RT: 6.03 min Scan# 389

Delta R.T. -0.02 min

Lab File: BF081482.D

Acq: 6 Sep 2015 00:32

Instrument :

BNA_F

ClientSampleId :

SB-7

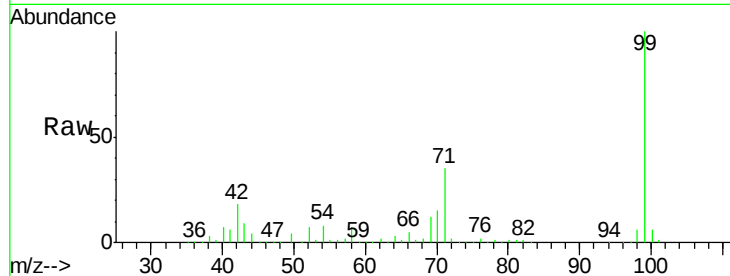
Tot Ion: 99 Resp: 731817

Ion Ratio Lower Upper

99 100

42 18.2 13.7 20.5

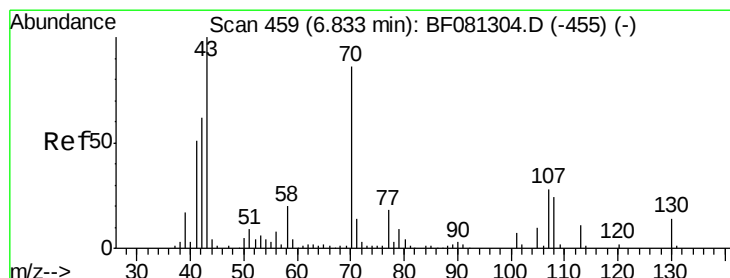
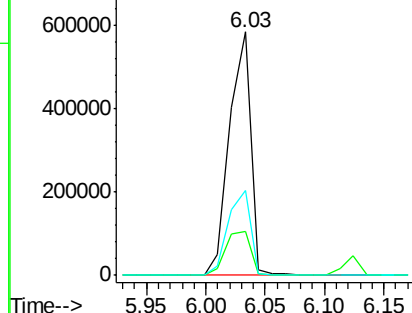
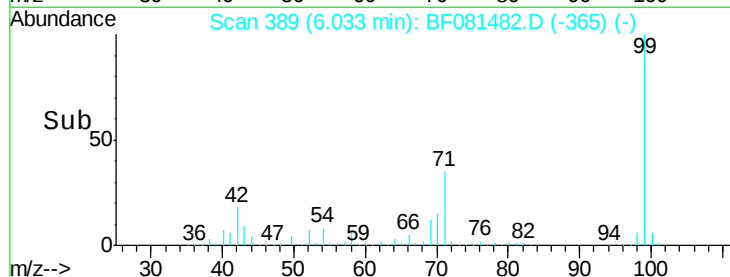
71 34.8 14.2 21.2#



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: 18.34 ng

RT: 6.94 min Scan# 468

Delta R.T. 0.10 min

Lab File: BF081482.D

Acq: 6 Sep 2015 00:32

Tgt Ion: 70 Resp: 58883

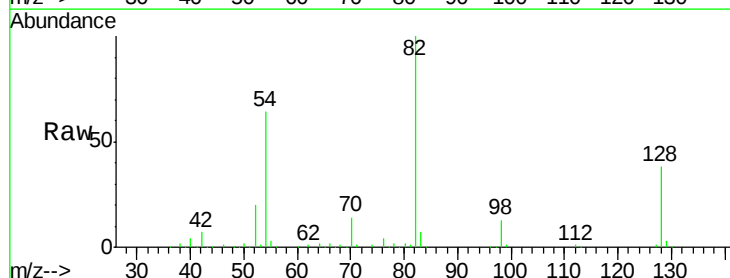
Ion Ratio Lower Upper

70 100

42 52.6 63.8 95.6#

101 0.0 9.2 13.8#

130 1.9 27.3 40.9#

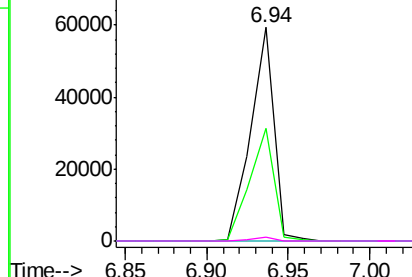
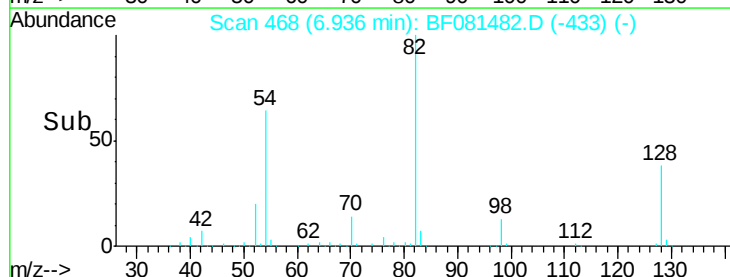


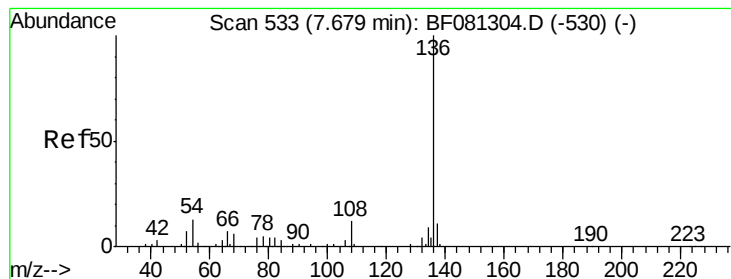
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 7.64 min Scan# 530

Delta R.T. -0.03 min

Lab File: BF081482.D

Acq: 6 Sep 2015 00:32

Instrument :

BNA_F

ClientSampleId :

SB-7

Tot Ion:136 Resp: 216677

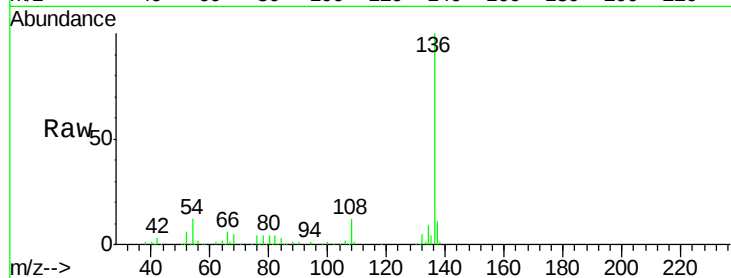
Ion Ratio Lower Upper

136 100

137 10.9 9.0 13.6

54 11.9 8.2 12.2

68 5.3 5.8 8.6#

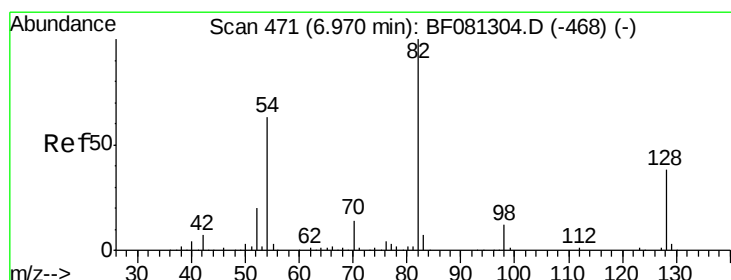
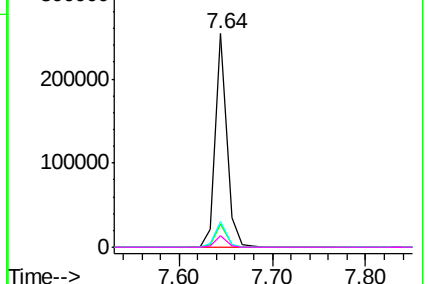
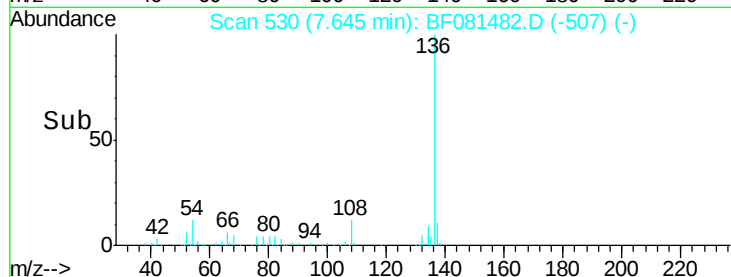


Abundance Ion 136.00 (135.70 to 136.70): E

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: 95.48 ng

RT: 6.94 min Scan# 468

Delta R.T. -0.03 min

Lab File: BF081482.D

Acq: 6 Sep 2015 00:32

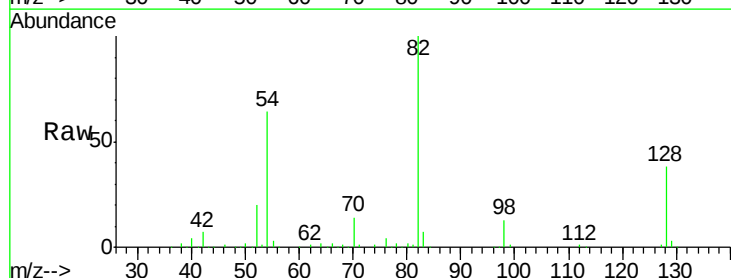
Tgt Ion: 82 Resp: 428812

Ion Ratio Lower Upper

82 100

128 38.5 51.0 76.6#

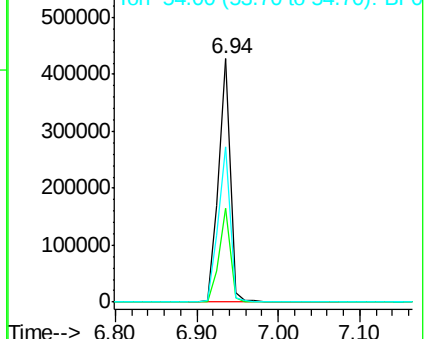
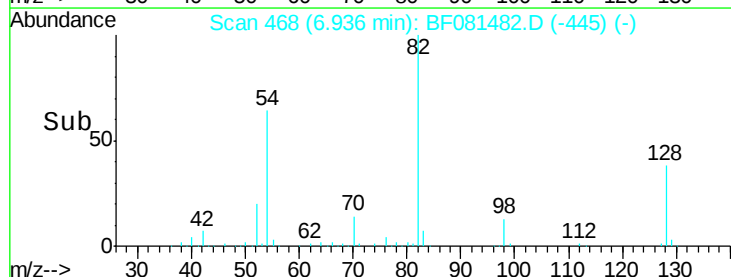
54 63.5 47.5 71.3

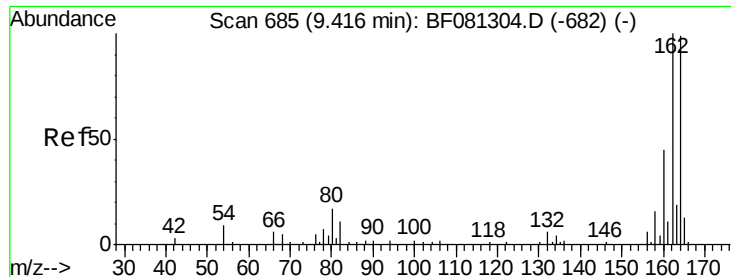


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

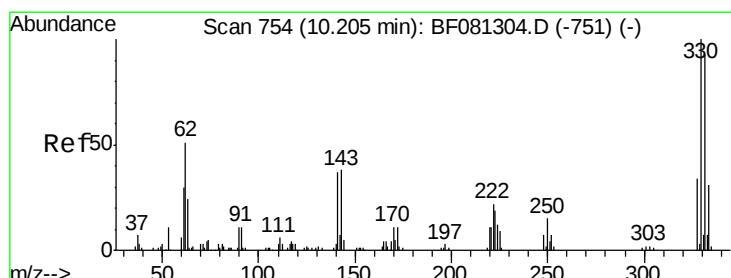
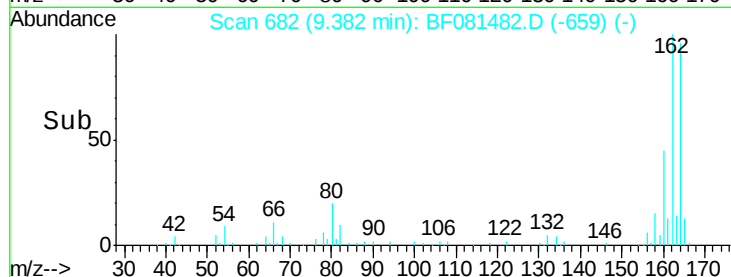
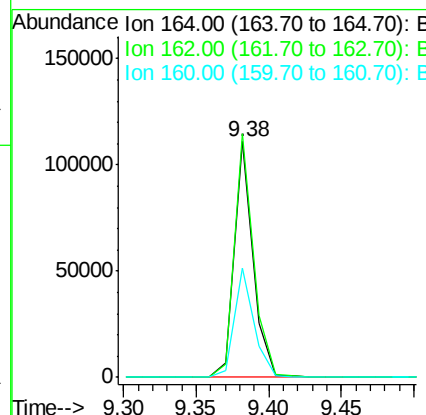
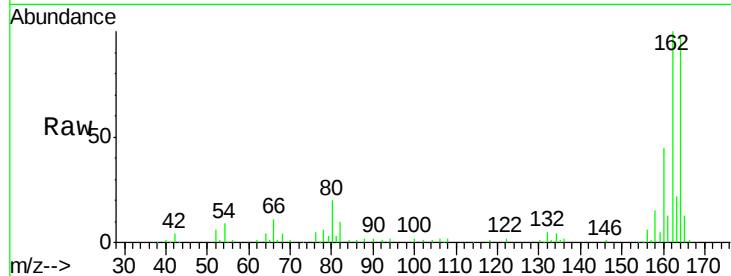




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.38 min Scan# 682
 Delta R.T. -0.03 min
 Lab File: BF081482.D
 Acq: 6 Sep 2015 00:32

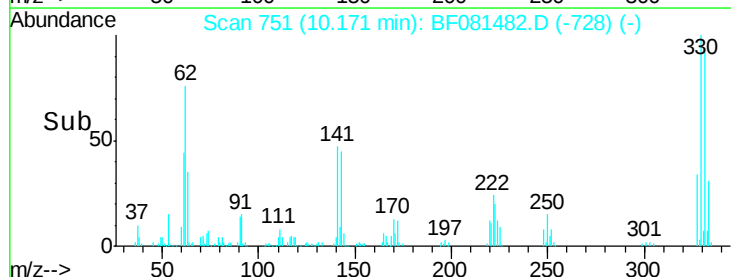
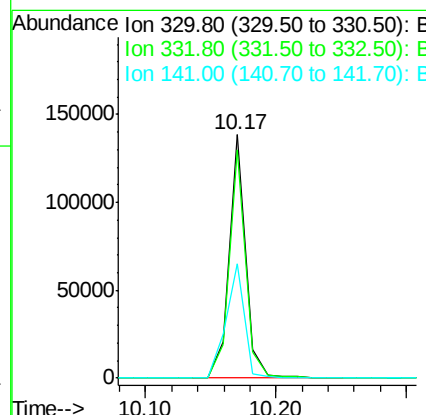
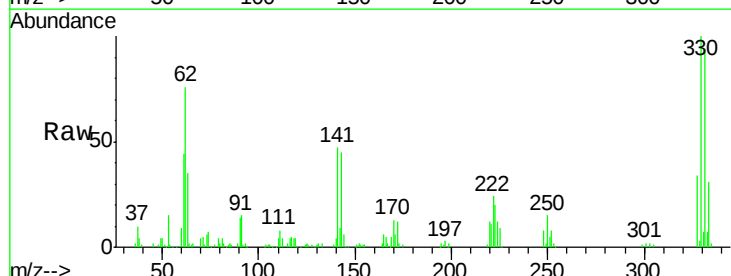
Instrument :
 BNA_F
 ClientSampleId :
 SB-7

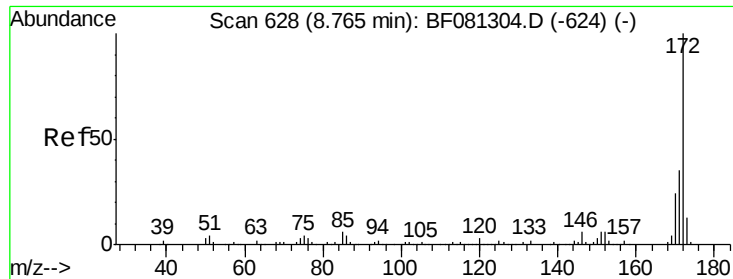
Tot Ion:164 Resp: 99485
 Ion Ratio Lower Upper
 164 100
 162 103.3 75.2 112.8
 160 46.2 31.5 47.3



#41
 2,4,6-Tribromophenol
 Concen: 138.74 ng
 RT: 10.17 min Scan# 751
 Delta R.T. -0.03 min
 Lab File: BF081482.D
 Acq: 6 Sep 2015 00:32

Tgt Ion:330 Resp: 122899
 Ion Ratio Lower Upper
 330 100
 332 94.1 76.6 114.8
 141 52.7 29.7 44.5#

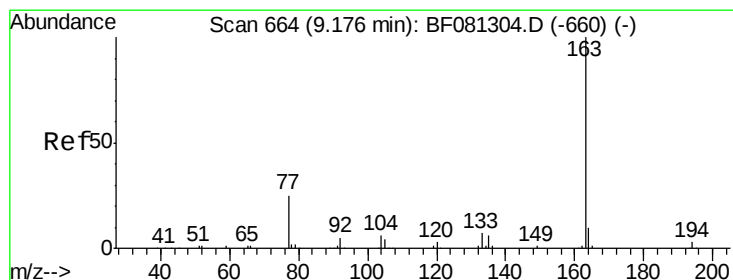
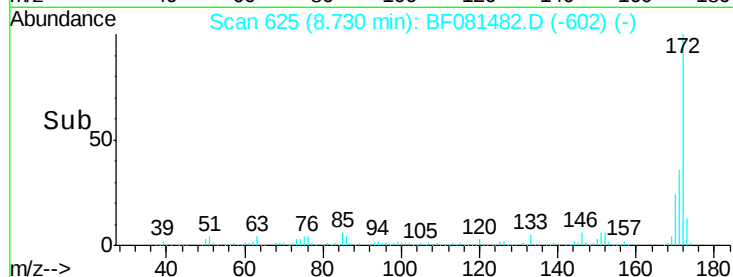
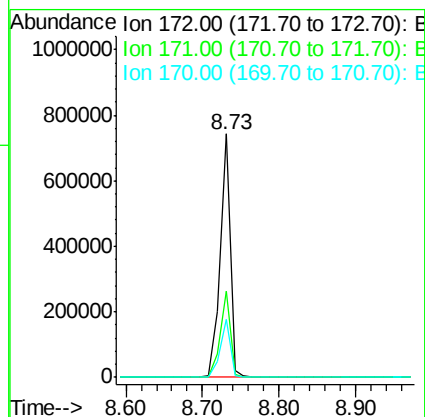
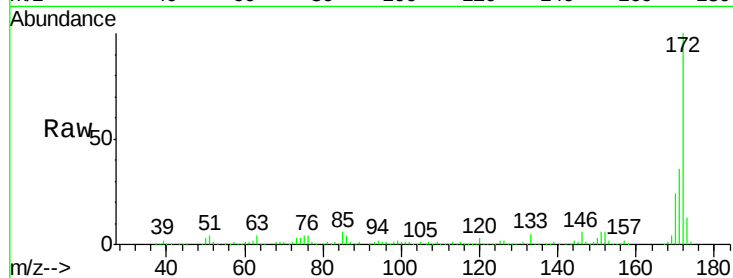




#44
 2-Fluorobiphenyl
 Concen: 86.95 ng
 RT: 8.73 min Scan# 625
 Delta R.T. -0.03 min
 Lab File: BF081482.D
 Acq: 6 Sep 2015 00:32

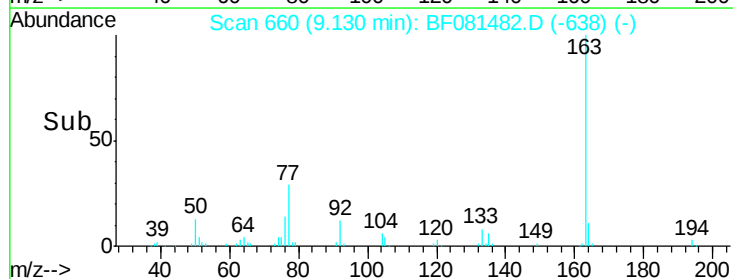
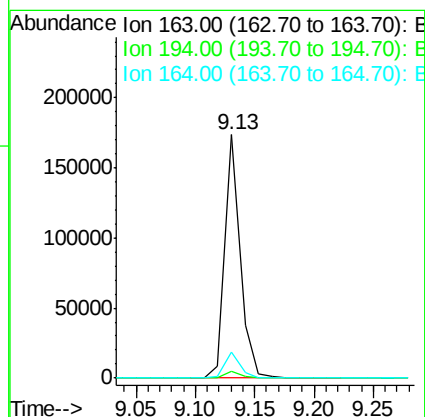
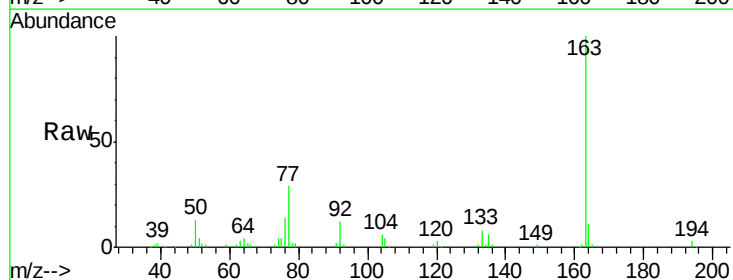
Instrument :
 BNA_F
 ClientSampled :
 SB-7

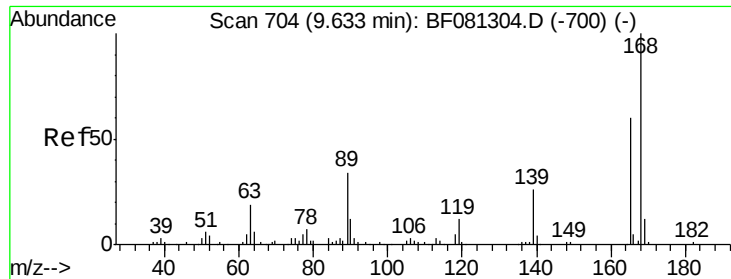
Tot Ion:172 Resp: 675004
 Ion Ratio Lower Upper
 172 100
 171 35.6 26.1 39.1
 170 23.8 17.4 26.2



#49
 Dimethylphthalate
 Concen: 19.98 ng
 RT: 9.13 min Scan# 660
 Delta R.T. -0.05 min
 Lab File: BF081482.D
 Acq: 6 Sep 2015 00:32

Tgt Ion:163 Resp: 154454
 Ion Ratio Lower Upper
 163 100
 194 3.1 4.4 6.6#
 164 10.5 8.3 12.5

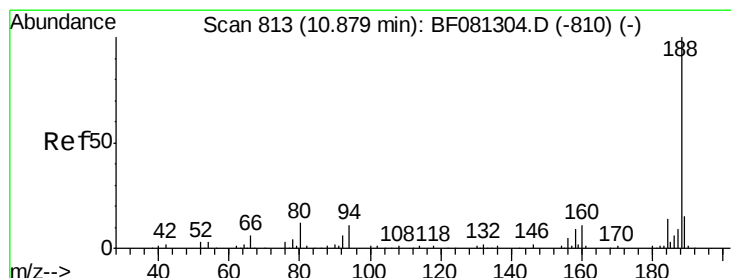
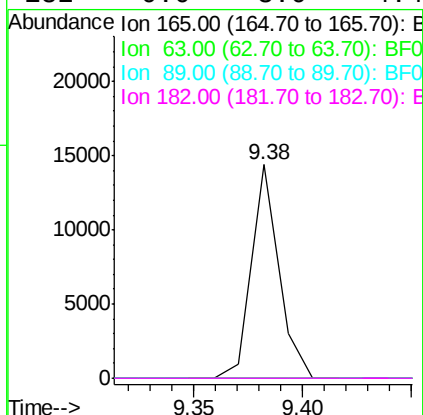
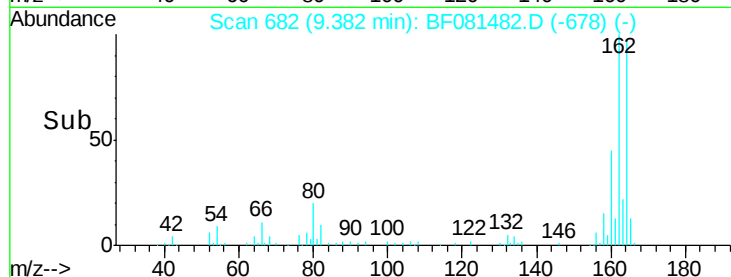
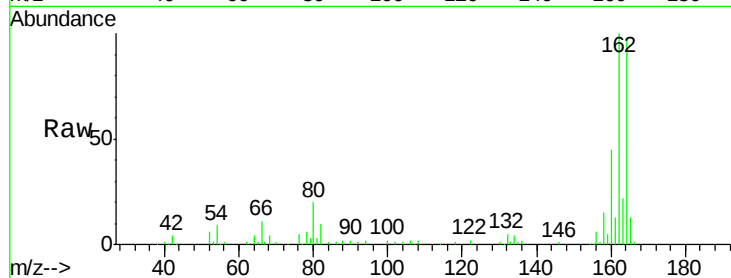




#56
 2,4-Dinitrotoluene
 Concen: 5.63 ng
 RT: 9.38 min Scan# 682
 Delta R.T. -0.25 min
 Lab File: BF081482.D
 Acq: 6 Sep 2015 00:32

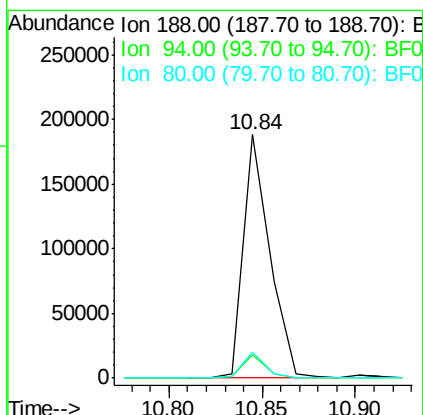
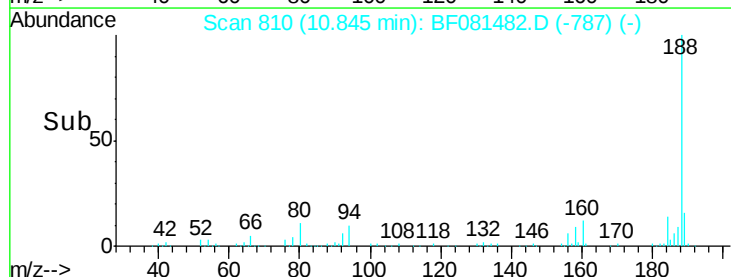
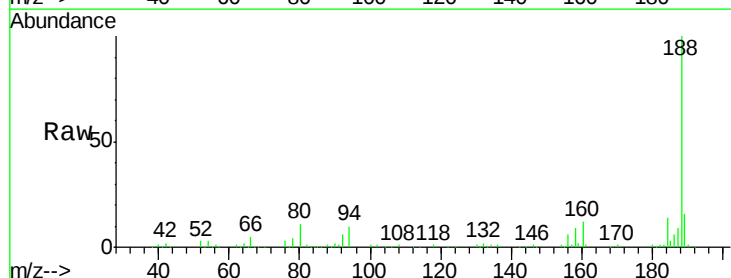
Instrument :
 BNA_F
 ClientSampleId :
 SB-7

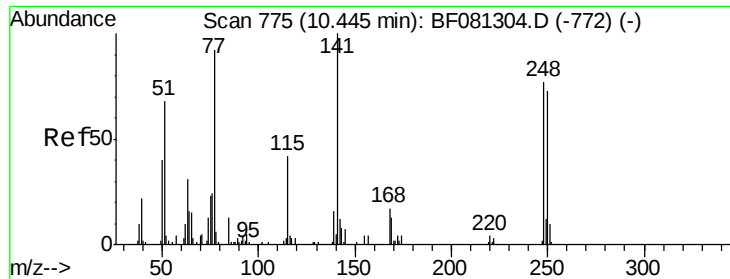
Tot Ion:	165	Resp:	12566
Ion	Ratio	Lower	Upper
165	100		
63	0.0	29.8	44.6#
89	0.0	44.5	66.7#
182	0.0	3.0	4.4#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 10.84 min Scan# 810
 Delta R.T. -0.03 min
 Lab File: BF081482.D
 Acq: 6 Sep 2015 00:32

Tgt Ion:	188	Resp:	186002
Ion	Ratio	Lower	Upper
188	100		
94	9.7	11.1	16.7#
80	10.8	11.0	16.4#

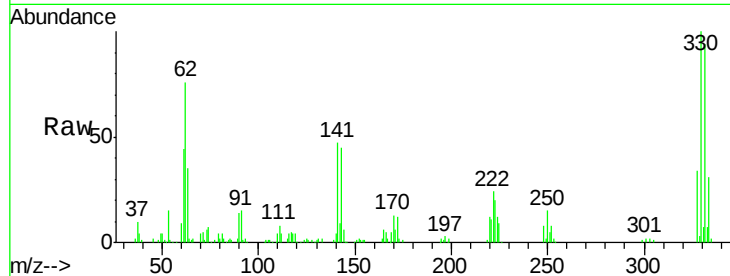




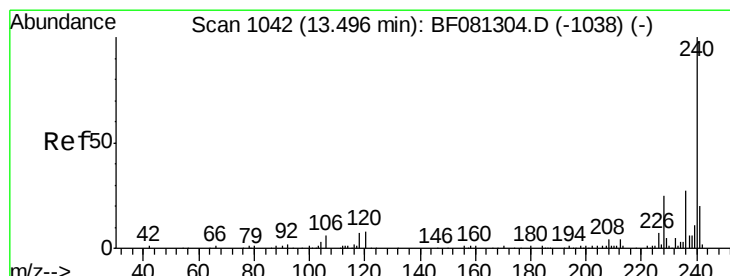
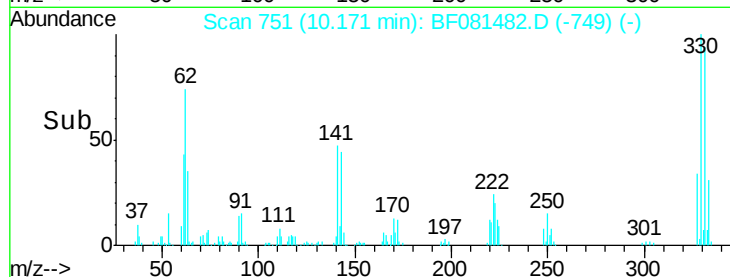
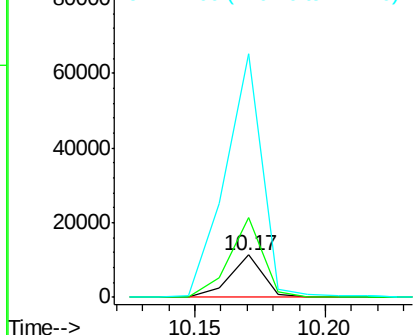
#66
4-Bromophenyl-phenylether
Concen: 5.36 ng
RT: 10.17 min Scan# 751
Delta R.T. -0.27 min
Lab File: BF081482.D
Acq: 6 Sep 2015 00:32

Instrument :
BNA_F
ClientSampled :
SB-7

Tot Ion:248 Resp: 10076
Ion Ratio Lower Upper
248 100
250 189.0 78.5 117.7#
141 574.2 59.0 88.6#

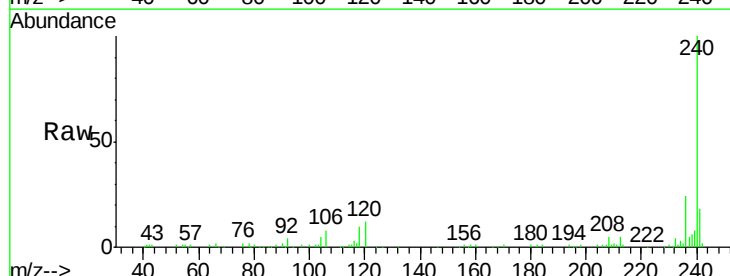


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

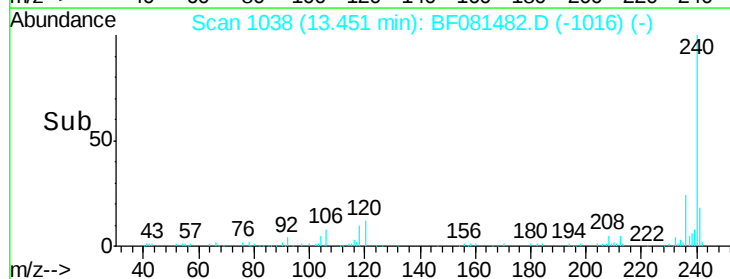
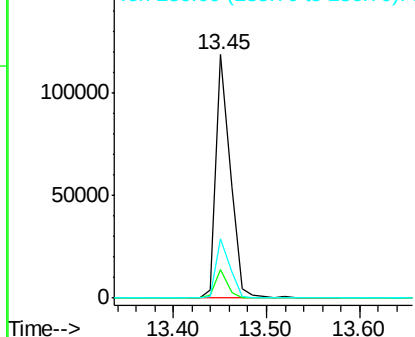


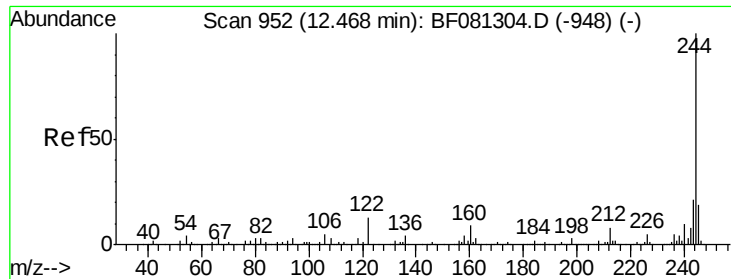
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.45 min Scan# 1038
Delta R.T. -0.05 min
Lab File: BF081482.D
Acq: 6 Sep 2015 00:32

Tgt Ion:240 Resp: 126567
Ion Ratio Lower Upper
240 100
120 11.7 16.2 24.2#
236 24.4 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

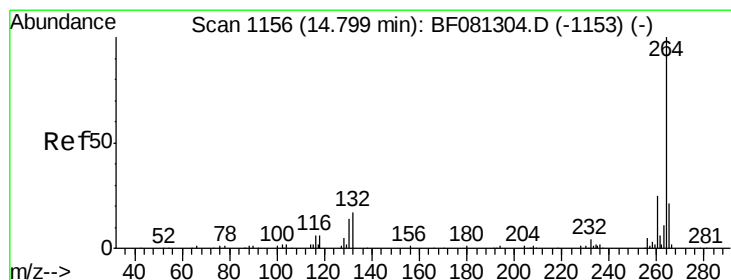
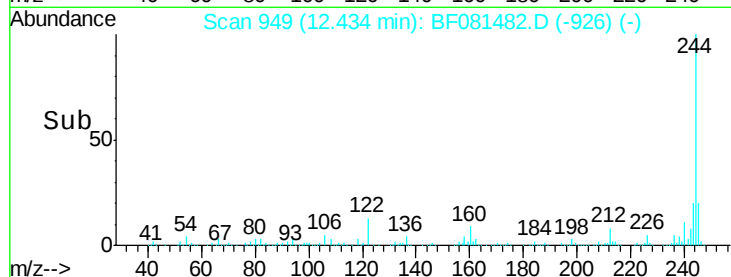
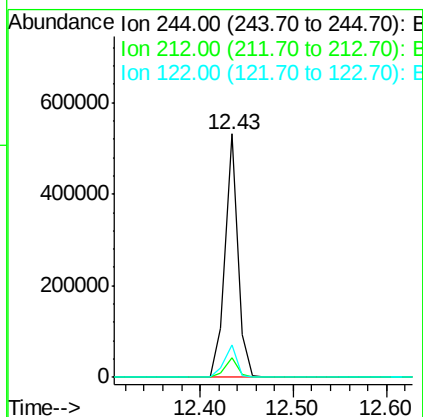
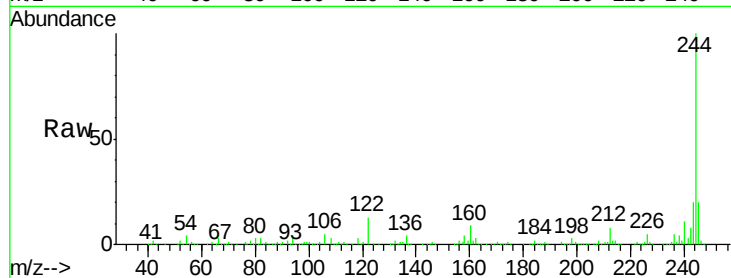




#78
 Terphenyl-d14
 Concen: 93.67 ng
 RT: 12.43 min Scan# 949
 Delta R.T. -0.03 min
 Lab File: BF081482.D
 Acq: 6 Sep 2015 00:32

Instrument :
 BNA_F
 ClientSampleId :
 SB-7

Tot Ion:244 Resp: 509295
 Ion Ratio Lower Upper
 244 100
 212 8.2 4.3 6.5#
 122 13.2 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: BF081482.D
 Acq: 6 Sep 2015 00:32

Tgt Ion:264 Resp: 93765
 Ion Ratio Lower Upper
 264 100
 260 24.1 16.7 25.1
 265 20.7 17.2 25.8

