

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090515\
 Data File : BF081479.D
 Acq On : 5 Sep 2015 23:00
 Operator : UM/IZ
 Sample : G3555-04
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-4

Quant Time: Sep 07 01:31:50 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

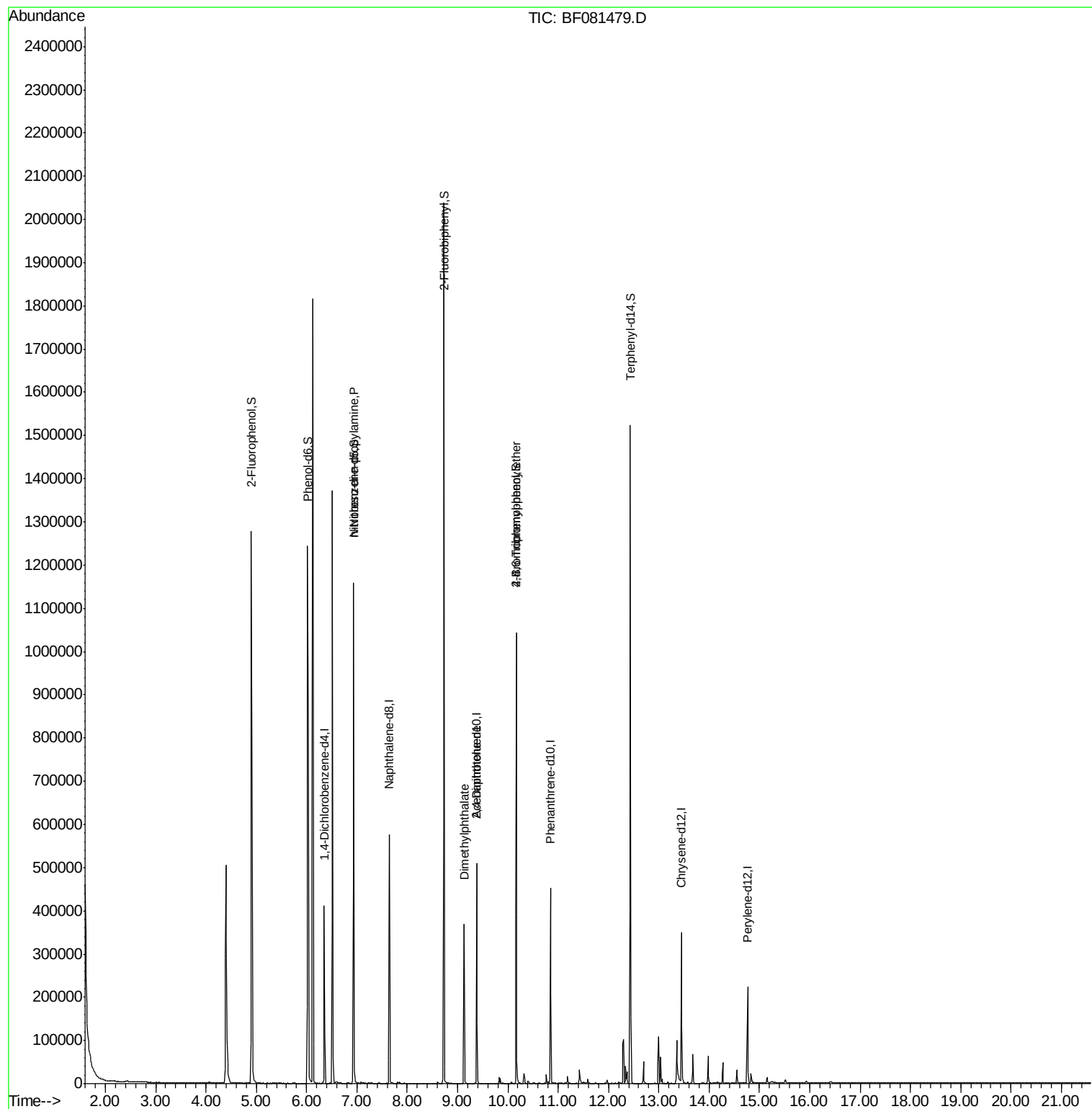
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.35	152	56515	20.00	ng	-0.03
21) Naphthalene-d8	7.64	136	226324	20.00	ng	-0.03
38) Acenaphthene-d10	9.38	164	99865	20.00	ng	-0.03
63) Phenanthrene-d10	10.84	188	187768	20.00	ng	-0.03
75) Chrysene-d12	13.45	240	137155	20.00	ng	-0.05
86) Perylene-d12	14.77	264	99772	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	4.90	112	396640	108.89	ng	-0.02
7) Phenol-d6	6.02	99	569731	118.16	ng	-0.03
23) Nitrobenzene-d5	6.94	82	380073	81.02	ng	-0.03
41) 2,4,6-Tribromophenol	10.17	330	102037	114.75	ng	-0.03
44) 2-Fluorobiphenyl	8.73	172	621536	79.76	ng	-0.03
78) Terphenyl-d14	12.43	244	452805	76.85	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.94	70	52238	15.92	ng	# 61
49) Dimethylphthalate	9.13	163	127191	16.39	ng	# 97
56) 2,4-Dinitrotoluene	9.38	165	12243	5.46	ng	# 31
66) 4-Bromophenyl-phenylether	10.17	248	8361	4.40	ng	# 1

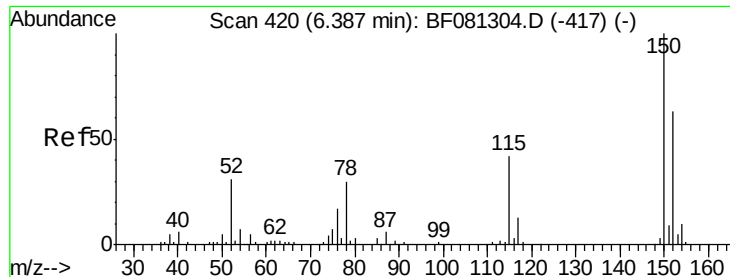
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090515\
Data File : BF081479.D
Acq On : 5 Sep 2015 23:00
Operator : UM/IZ
Sample : G3555-04
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-4

Quant Time: Sep 07 01:31:50 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.35 min Scan# 417

Delta R.T. -0.03 min

Lab File: BF081479.D

Acq: 5 Sep 2015 23:00

Instrument :

BNA_F

ClientSampleId :

SB-4

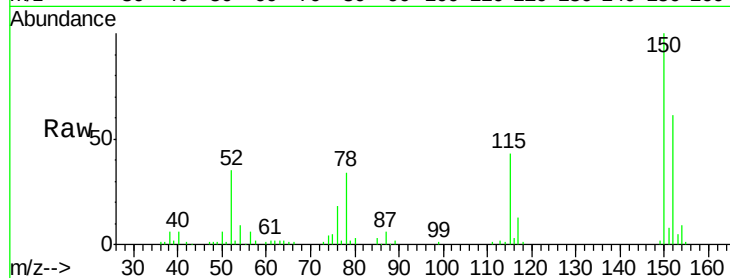
Tot Ion:152 Resp: 56515

Ion Ratio Lower Upper

152 100

150 164.7 124.7 187.1

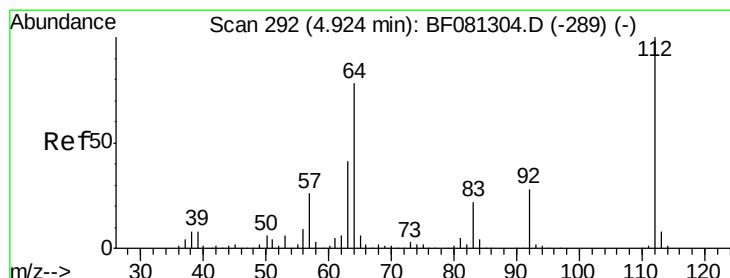
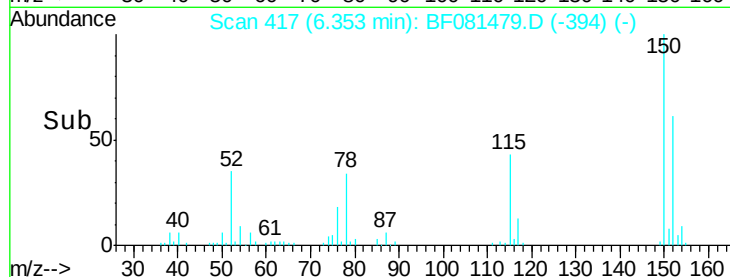
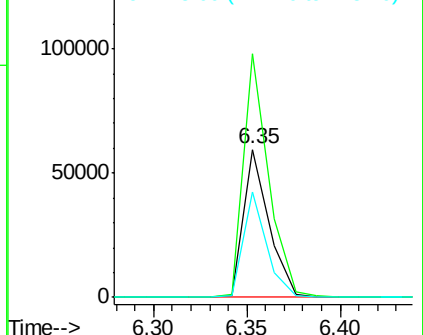
115 71.6 39.0 58.4#



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: 108.89 ng

RT: 4.90 min Scan# 290

Delta R.T. -0.02 min

Lab File: BF081479.D

Acq: 5 Sep 2015 23:00

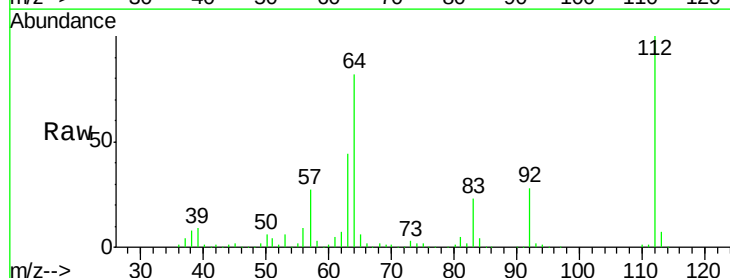
Tgt Ion:112 Resp: 396640

Ion Ratio Lower Upper

112 100

64 81.6 39.7 59.5#

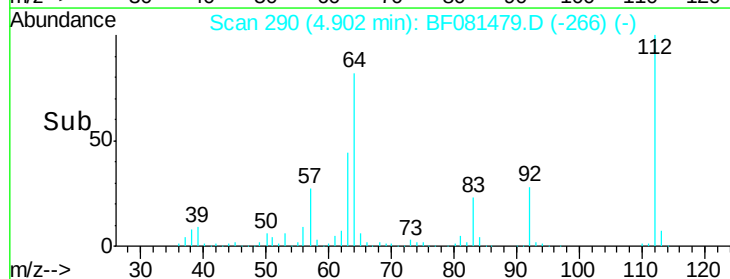
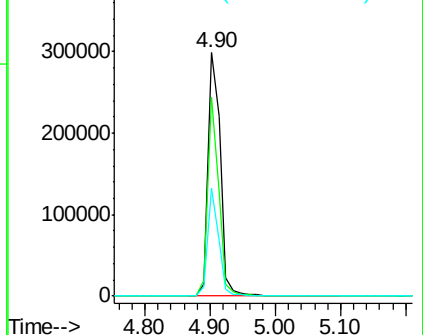
63 44.4 17.4 26.0#

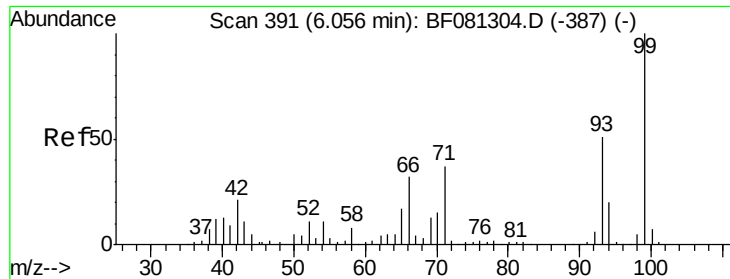


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 118.16 ng

RT: 6.02 min Scan# 388

Delta R.T. -0.03 min

Lab File: BF081479.D

Acq: 5 Sep 2015 23:00

Instrument :

BNA_F

ClientSampled :

SB-4

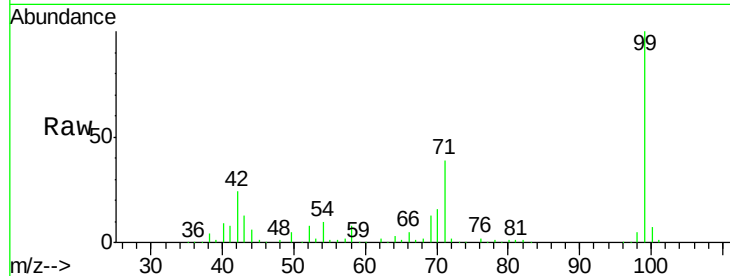
Tot Ion: 99 Resp: 569731

Ion Ratio Lower Upper

99 100

42 24.0 13.7 20.5#

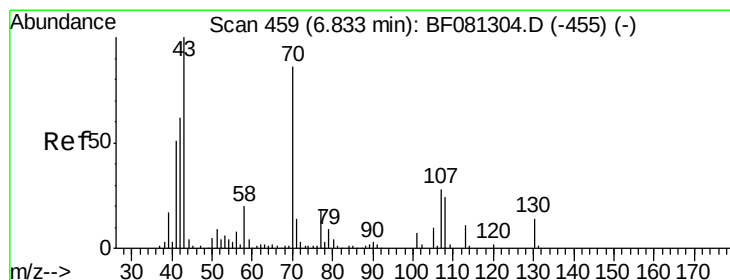
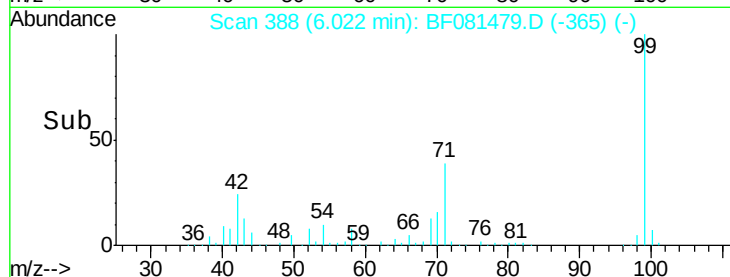
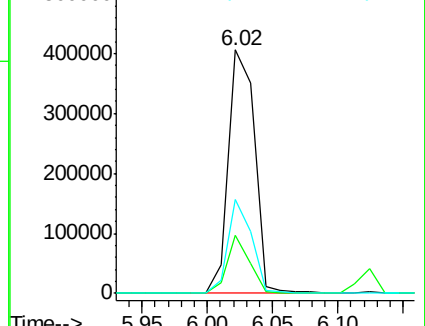
71 38.8 14.2 21.2#



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: 15.92 ng

RT: 6.94 min Scan# 468

Delta R.T. 0.10 min

Lab File: BF081479.D

Acq: 5 Sep 2015 23:00

Tgt Ion: 70 Resp: 52238

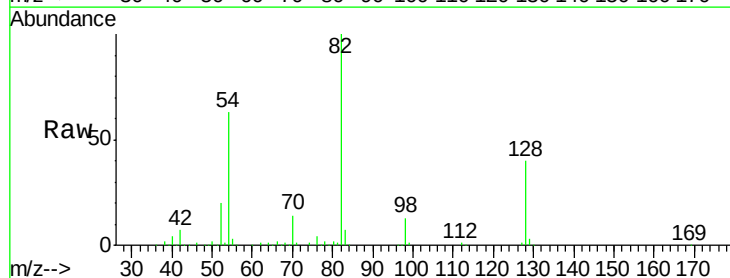
Ion Ratio Lower Upper

70 100

42 51.4 63.8 95.6#

101 0.0 9.2 13.8#

130 1.8 27.3 40.9#

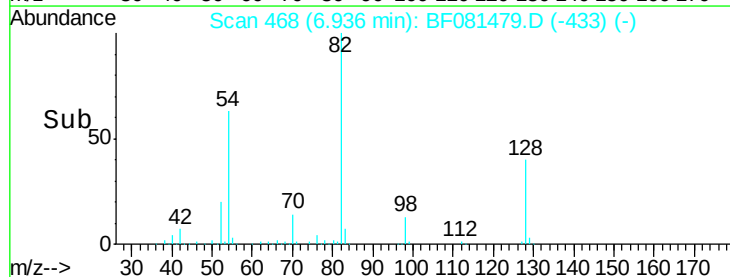
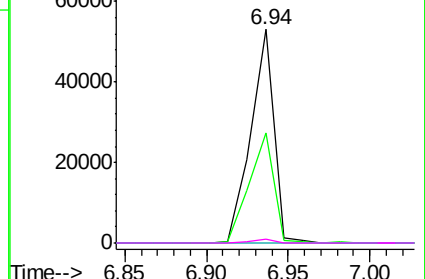


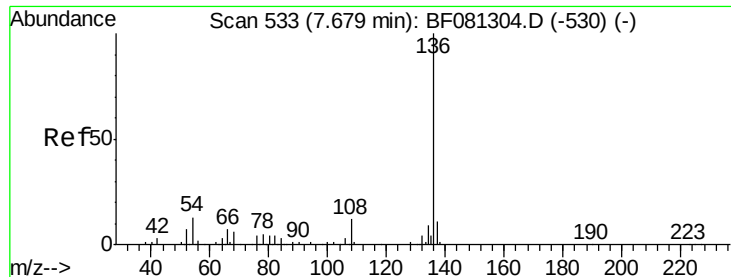
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: BF081479.D

Acq: 5 Sep 2015 23:00

Instrument :

BNA_F

ClientSampleId :

SB-4

Tot Ion:136 Resp: 226324

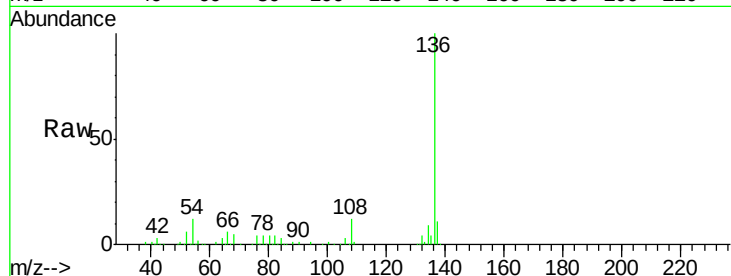
Ion Ratio Lower Upper

136 100

137 10.7 9.0 13.6

54 11.8 8.2 12.2

68 5.1 5.8 8.6#

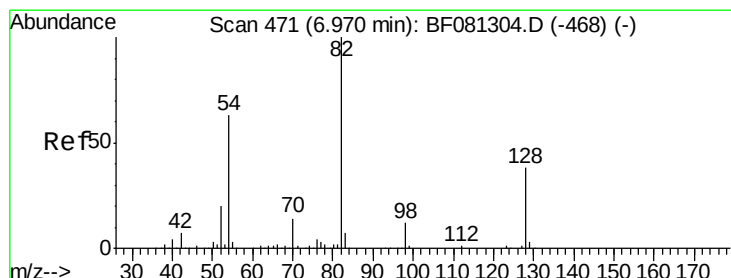
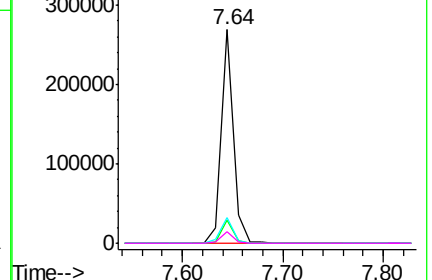
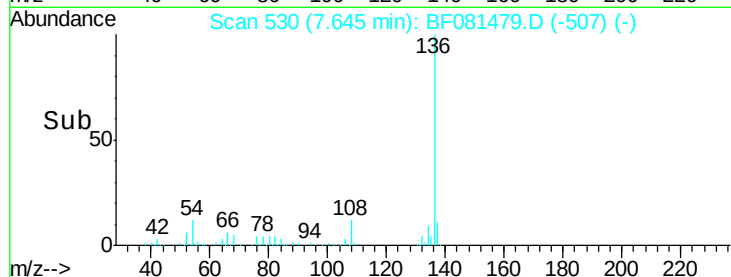


Abundance Ion 136.00 (135.70 to 136.70): E

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: 81.02 ng

RT: 6.94 min Scan# 468

Delta R.T. -0.03 min

Lab File: BF081479.D

Acq: 5 Sep 2015 23:00

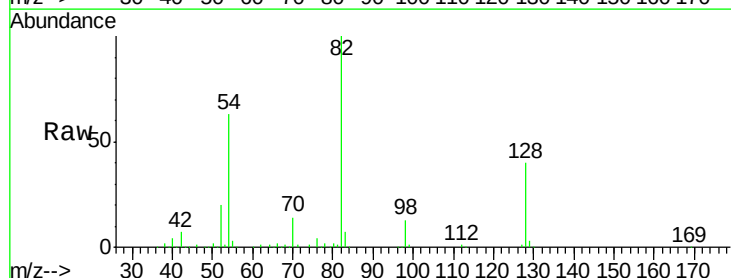
Tgt Ion: 82 Resp: 380073

Ion Ratio Lower Upper

82 100

128 39.7 51.0 76.6#

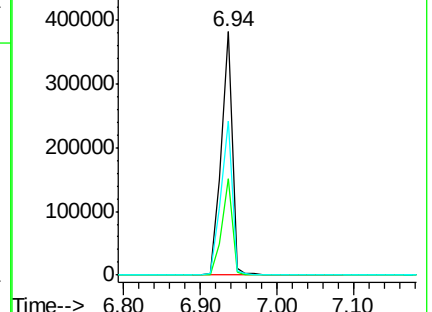
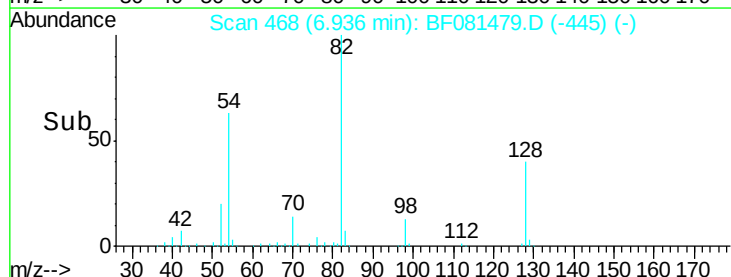
54 63.4 47.5 71.3

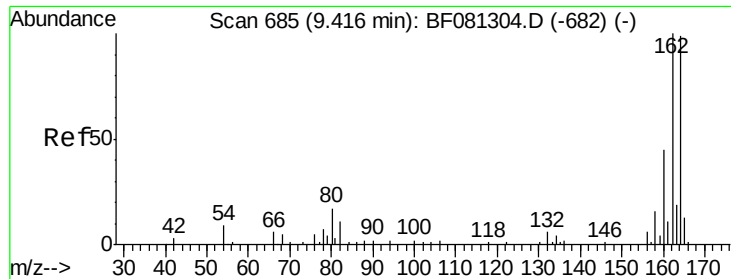


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

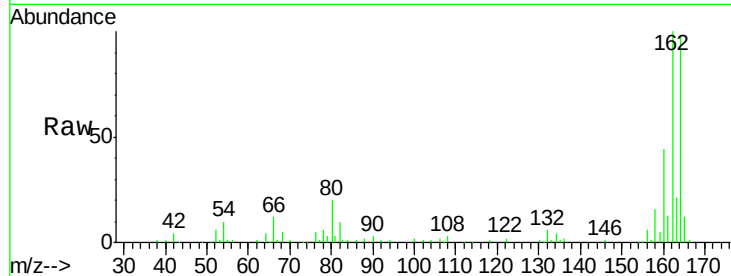




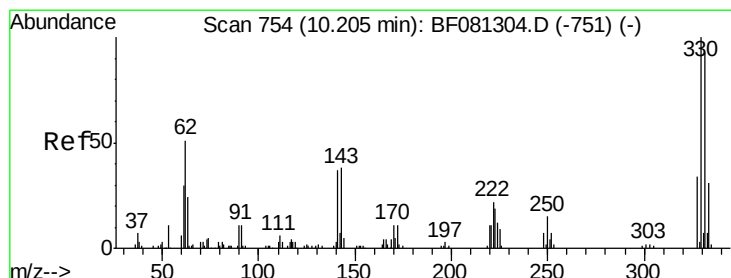
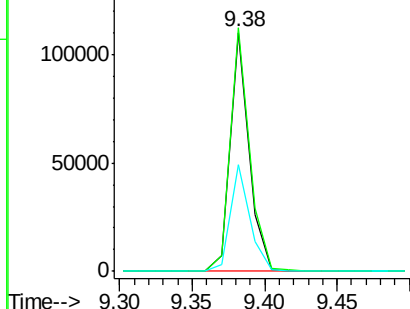
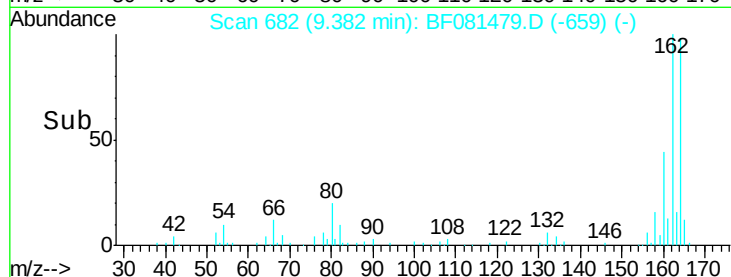
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.38 min Scan# 682
 Delta R.T. -0.03 min
 Lab File: BF081479.D
 Acq: 5 Sep 2015 23:00

Instrument :
 BNA_F
 ClientSampleId :
 SB-4

Tot Ion:164 Resp: 99865
 Ion Ratio Lower Upper
 164 100
 162 101.8 75.2 112.8
 160 44.9 31.5 47.3

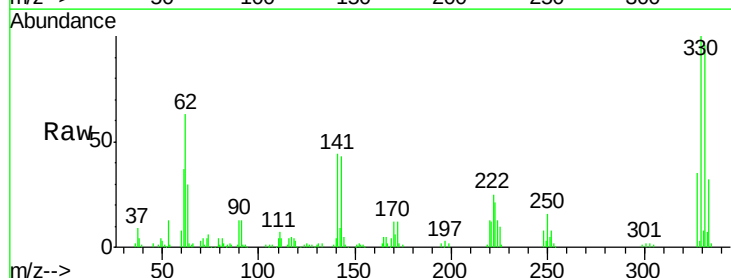


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

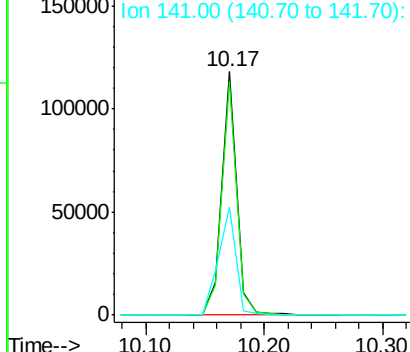
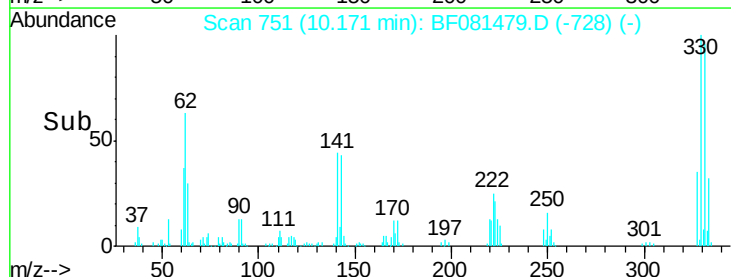


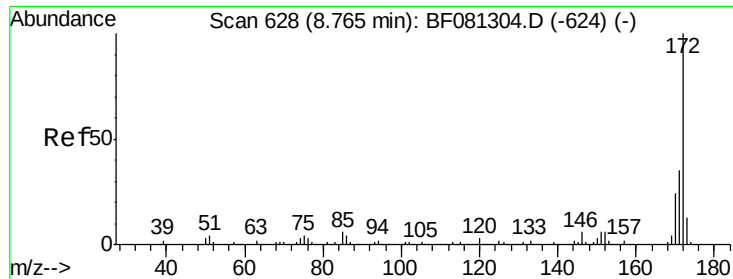
#41
 2,4,6-Tribromophenol
 Concen: 114.75 ng
 RT: 10.17 min Scan# 751
 Delta R.T. -0.03 min
 Lab File: BF081479.D
 Acq: 5 Sep 2015 23:00

Tgt Ion:330 Resp: 102037
 Ion Ratio Lower Upper
 330 100
 332 95.0 76.6 114.8
 141 51.7 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

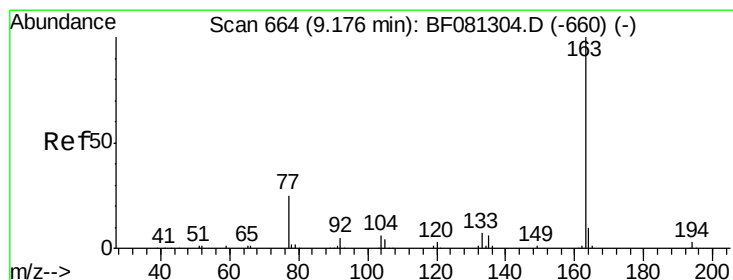
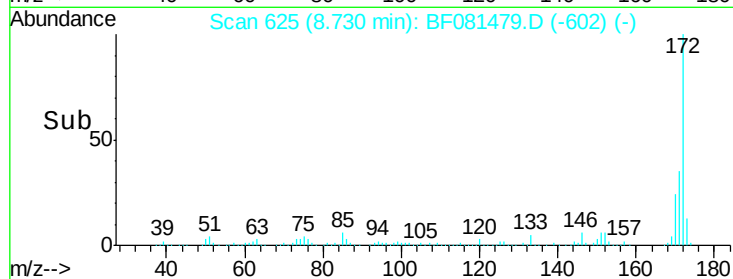
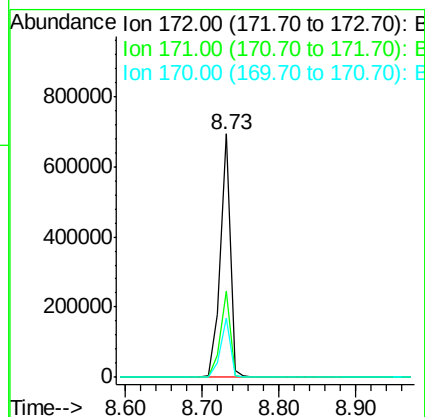
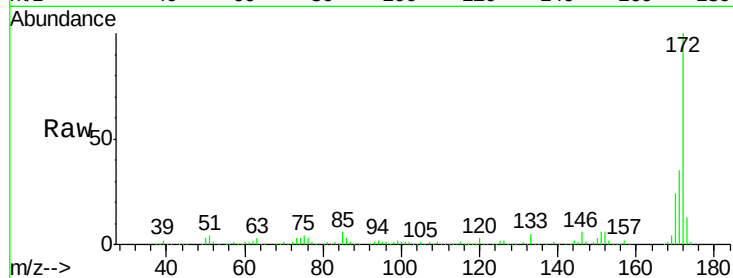




#44
2-Fluorobiphenyl
Concen: 79.76 ng
RT: 8.73 min Scan# 625
Delta R.T. -0.03 min
Lab File: BF081479.D
Acq: 5 Sep 2015 23:00

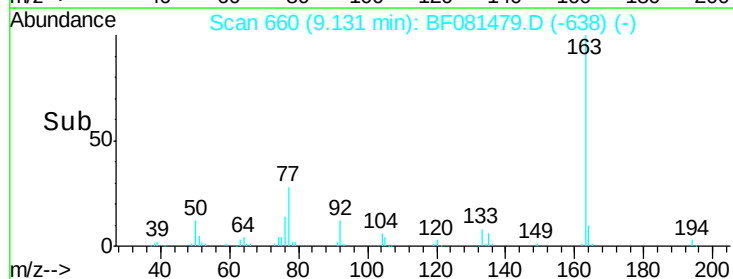
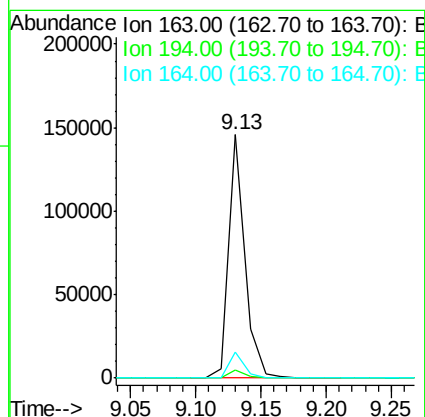
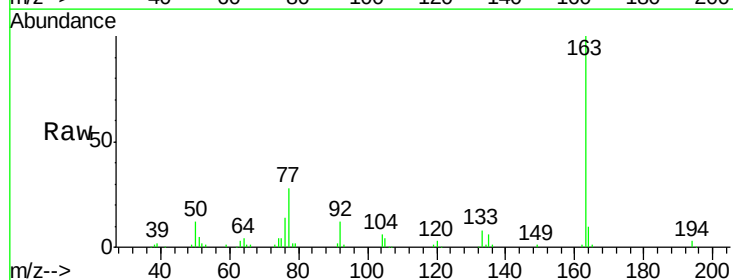
Instrument :
BNA_F
ClientSampleId :
SB-4

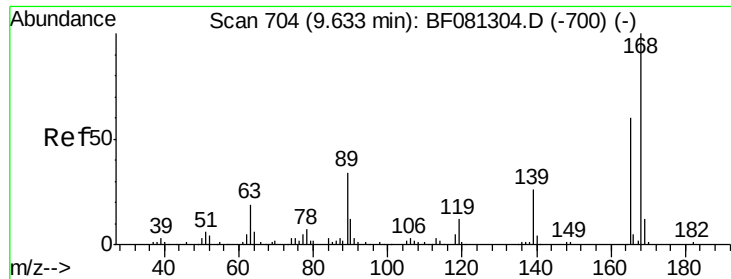
Tot Ion:172 Resp: 621536
Ion Ratio Lower Upper
172 100
171 35.3 26.1 39.1
170 24.4 17.4 26.2



#49
Dimethylphthalate
Concen: 16.39 ng
RT: 9.13 min Scan# 660
Delta R.T. -0.05 min
Lab File: BF081479.D
Acq: 5 Sep 2015 23:00

Tgt Ion:163 Resp: 127191
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: 5.46 ng

RT: 9.38 min Scan# 682

Delta R.T. -0.25 min

Lab File: BF081479.D

Acq: 5 Sep 2015 23:00

Instrument :

BNA_F

ClientSampleId :

SB-4

Tot Ion:165 Resp: 12243

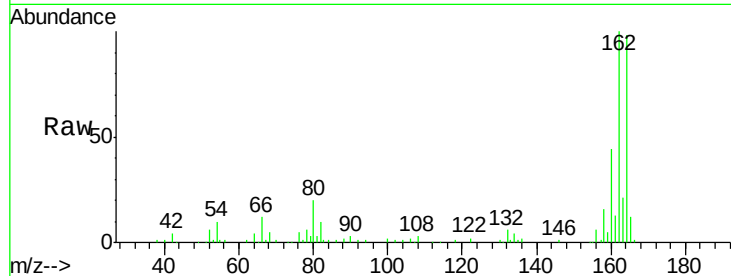
Ion Ratio Lower Upper

165 100

63 0.0 29.8 44.6#

89 0.0 44.5 66.7#

182 0.0 3.0 4.4#

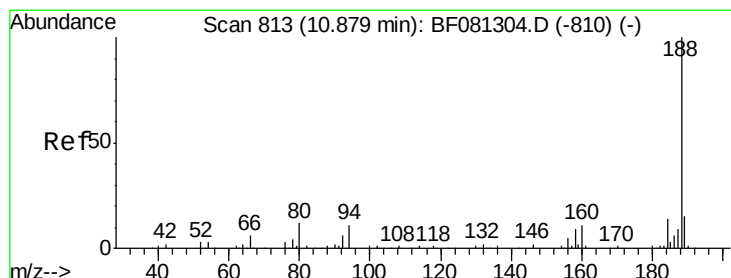
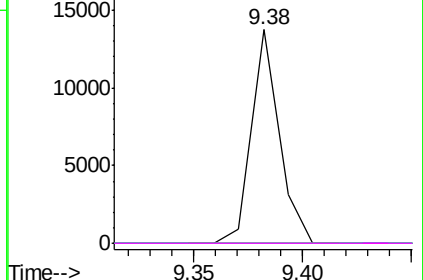
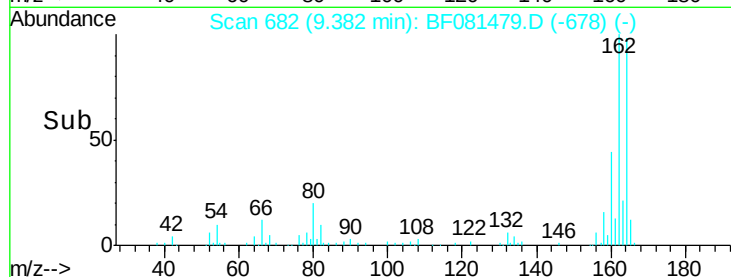


Abundance Ion 165.00 (164.70 to 165.70): E

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: 10.84 min Scan# 810

Delta R.T. -0.03 min

Lab File: BF081479.D

Acq: 5 Sep 2015 23:00

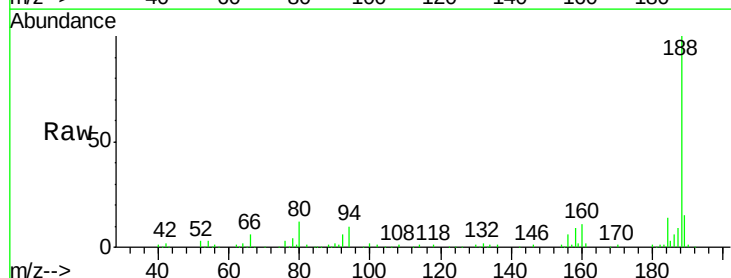
Tgt Ion:188 Resp: 187768

Ion Ratio Lower Upper

188 100

94 10.4 11.1 16.7#

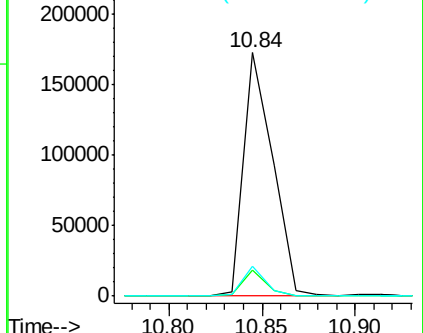
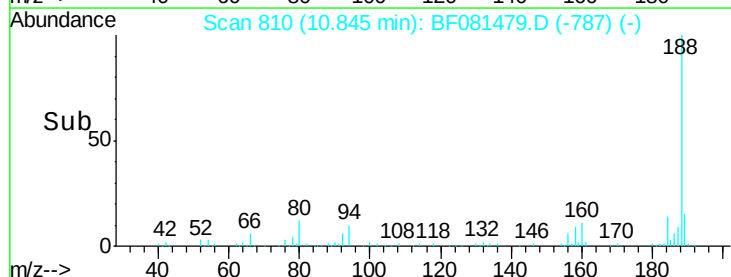
80 12.2 11.0 16.4

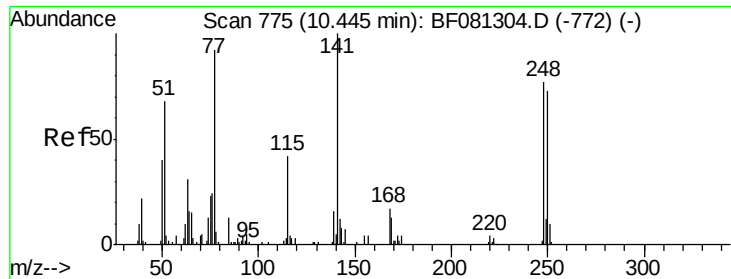


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

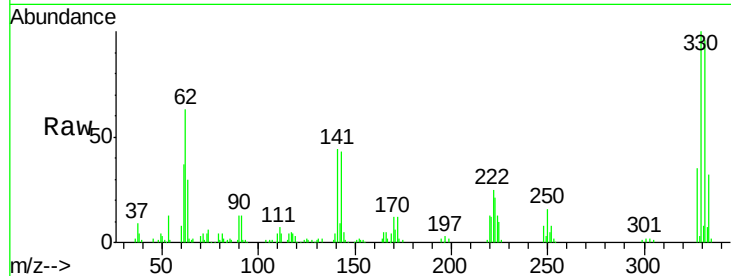




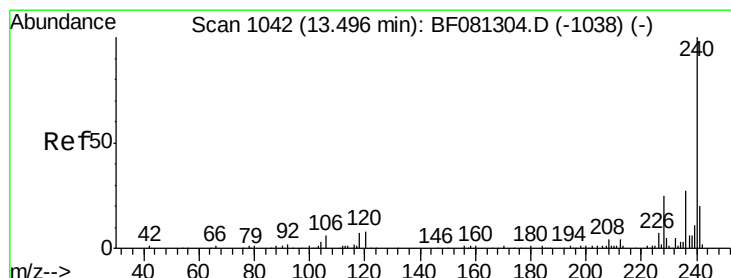
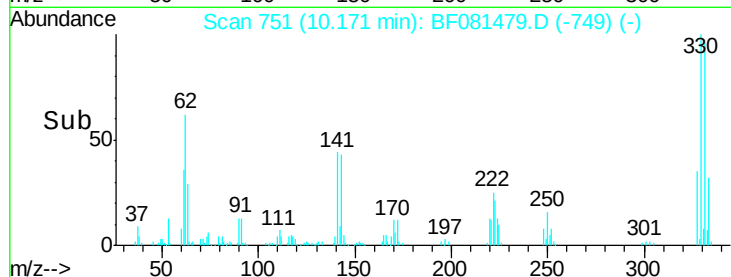
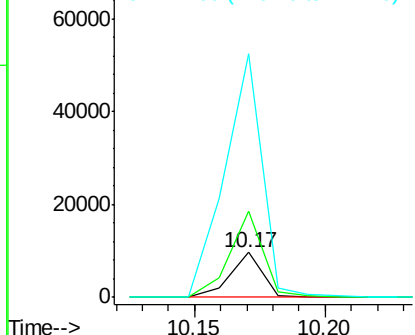
#66
4-Bromophenyl-phenylether
Concen: 4.40 ng
RT: 10.17 min Scan# 751
Delta R.T. -0.27 min
Lab File: BF081479.D
Acq: 5 Sep 2015 23:00

Instrument :
BNA_F
ClientSampleId :
SB-4

Tot Ion:248 Resp: 8361
Ion Ratio Lower Upper
248 100
250 191.7 78.5 117.7#
141 541.1 59.0 88.6#

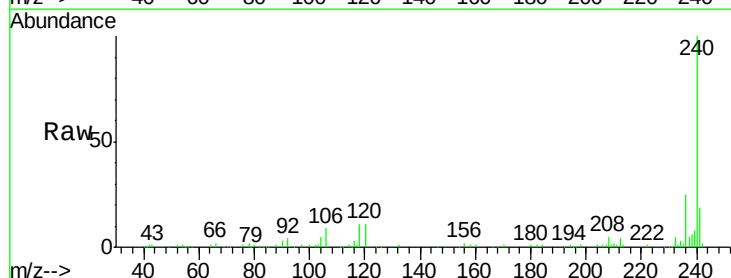


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

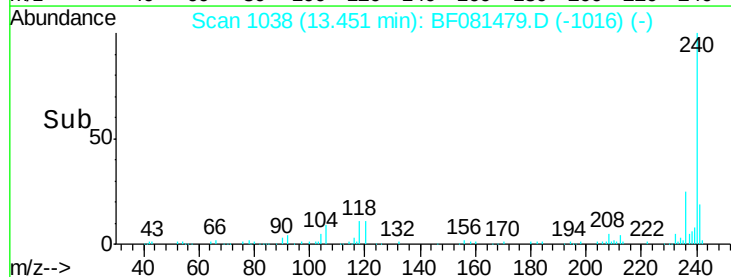
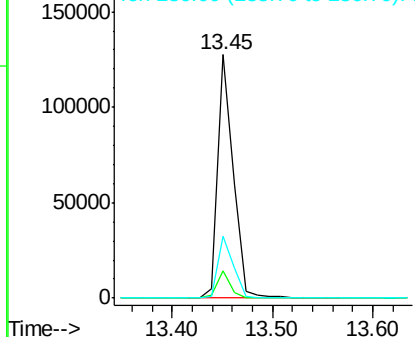


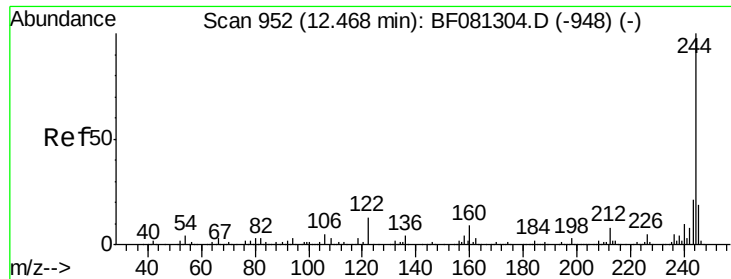
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.45 min Scan# 1038
Delta R.T. -0.05 min
Lab File: BF081479.D
Acq: 5 Sep 2015 23:00

Tgt Ion:240 Resp: 137155
Ion Ratio Lower Upper
240 100
120 11.1 16.2 24.2#
236 25.3 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

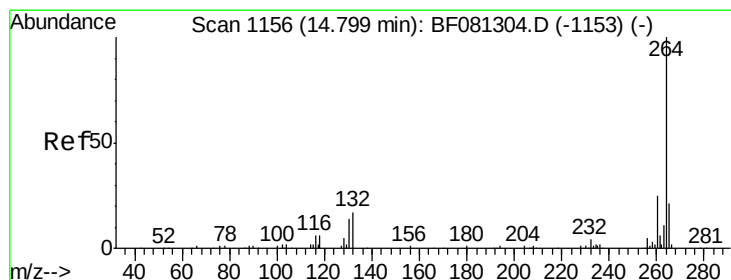
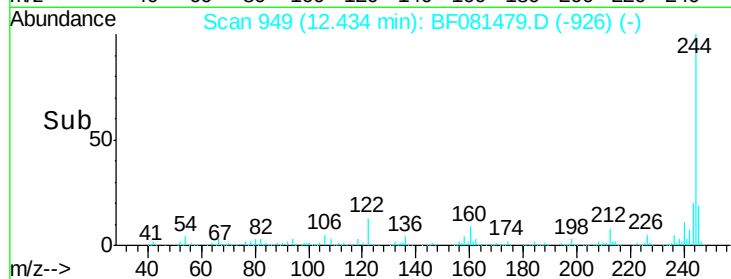
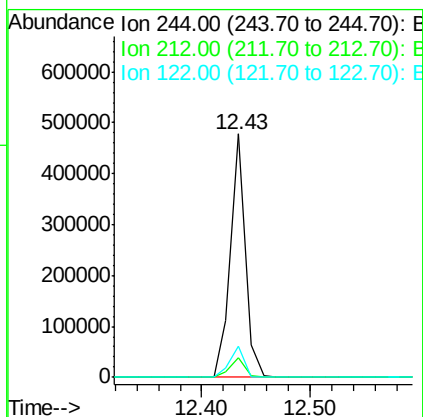
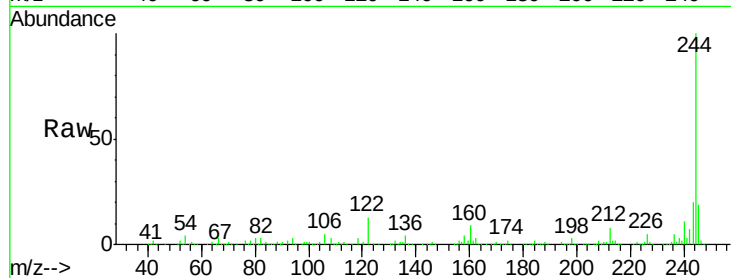




#78
 Terphenyl-d14
 Concen: 76.85 ng
 RT: 12.43 min Scan# 949
 Delta R.T. -0.03 min
 Lab File: BF081479.D
 Acq: 5 Sep 2015 23:00

Instrument :
 BNA_F
 ClientSampleId :
 SB-4

Tot Ion:244 Resp: 452805
 Ion Ratio Lower Upper
 244 100
 212 8.0 4.3 6.5#
 122 13.0 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: BF081479.D
 Acq: 5 Sep 2015 23:00

Tgt Ion:264 Resp: 99772
 Ion Ratio Lower Upper
 264 100
 260 24.1 16.7 25.1
 265 20.4 17.2 25.8

