

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090415\
 Data File : BF081448.D
 Acq On : 5 Sep 2015 6:07
 Operator : UM/IZ
 Sample : G3526-20
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-19(6-7)

Quant Time: Sep 07 01:58:13 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 07 01:54:57 2015
 Response via : Initial Calibration

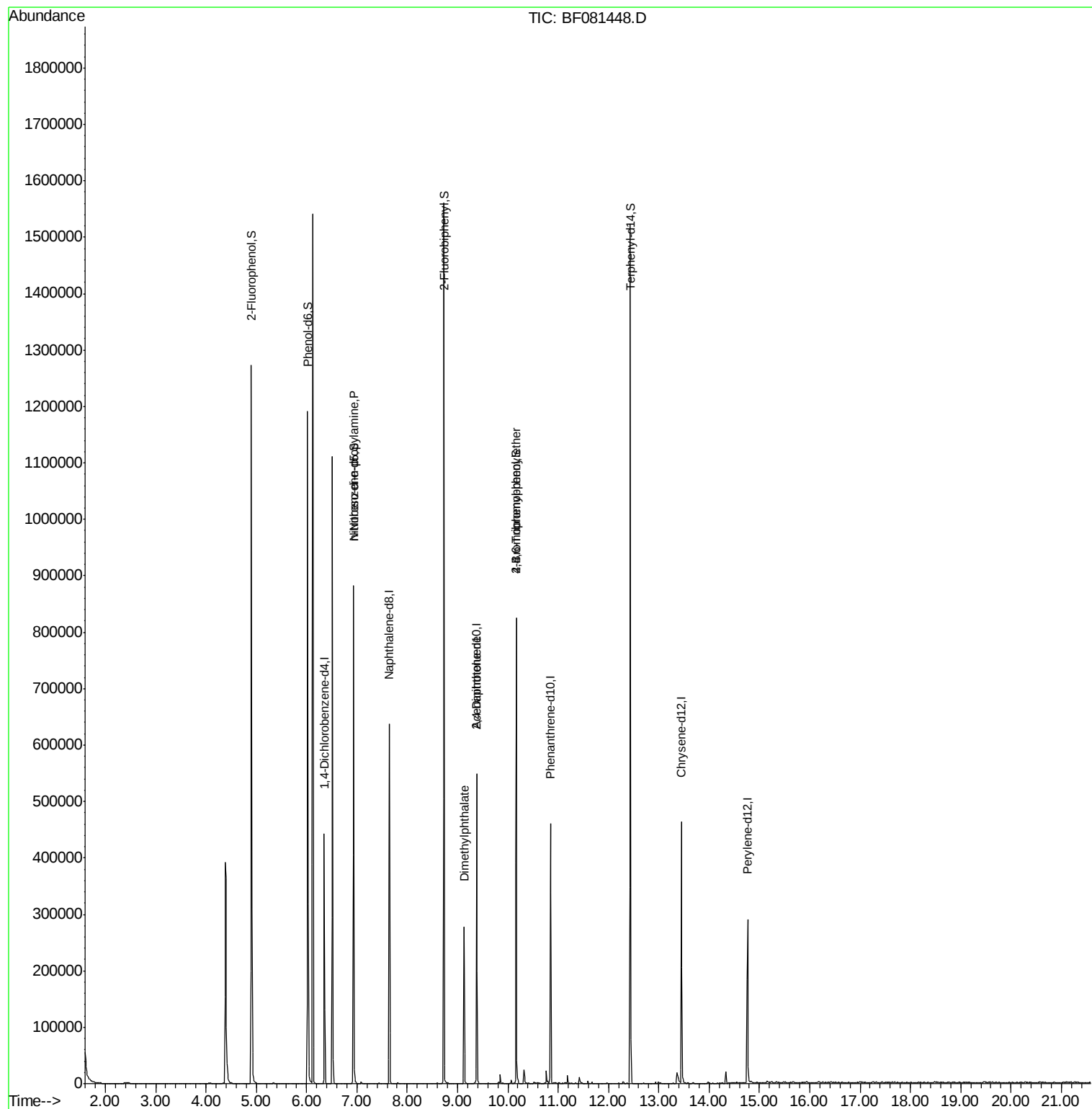
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.35	152	62116	20.00	ng	-0.01
21) Naphthalene-d8	7.64	136	248896	20.00	ng	-0.01
38) Acenaphthene-d10	9.38	164	110683	20.00	ng	-0.01
63) Phenanthrene-d10	10.84	188	230737	20.00	ng	-0.01
75) Chrysene-d12	13.45	240	186054	20.00	ng	-0.01
86) Perylene-d12	14.77	264	138166	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.90	112	321273	80.25	ng	0.00
7) Phenol-d6	6.02	99	394002	74.35	ng	-0.01
23) Nitrobenzene-d5	6.94	82	304415	59.01	ng	-0.01
41) 2,4,6-Tribromophenol	10.17	330	93916	95.30	ng	-0.01
44) 2-Fluorobiphenyl	8.73	172	492857	57.06	ng	0.00
78) Terphenyl-d14	12.43	244	429923	53.79	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.94	70	41042	11.38	ng	# 61
49) Dimethylphthalate	9.13	163	101686	11.82	ng	# 97
56) 2,4-Dinitrotoluene	9.38	165	14295	5.75	ng	# 31
66) 4-Bromophenyl-phenylether	10.17	248	6714	2.88	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. -0.01 min

Lab File: BF081448.D

Acq: 5 Sep 2015 6:07

Instrument :

BNA_F

ClientSampleId :

SB-19(6-7)

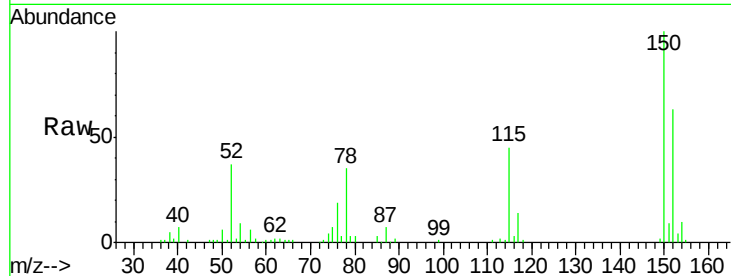
Tot Ion:152 Resp: 62116

Ion Ratio Lower Upper

152 100

150 157.6 124.7 187.1

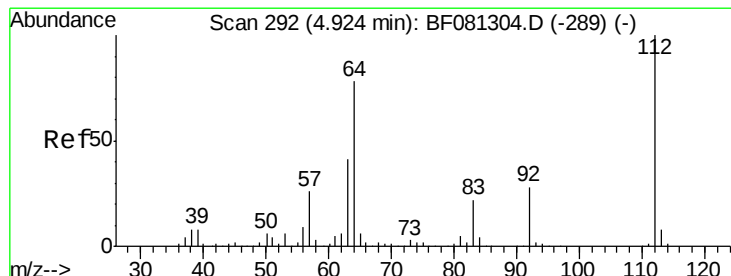
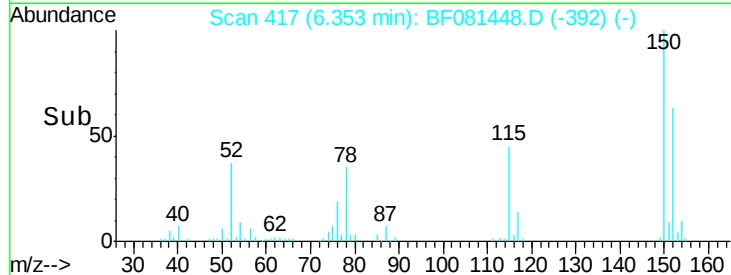
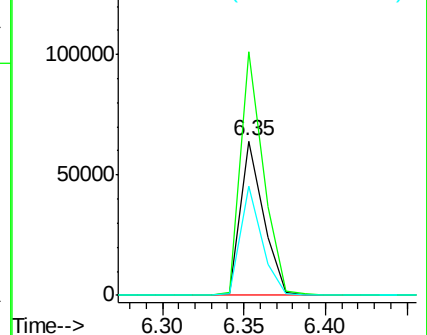
115 70.9 39.0 58.4#



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: 80.25 ng

RT: 4.90 min Scan# 290

Delta R.T. 0.00 min

Lab File: BF081448.D

Acq: 5 Sep 2015 6:07

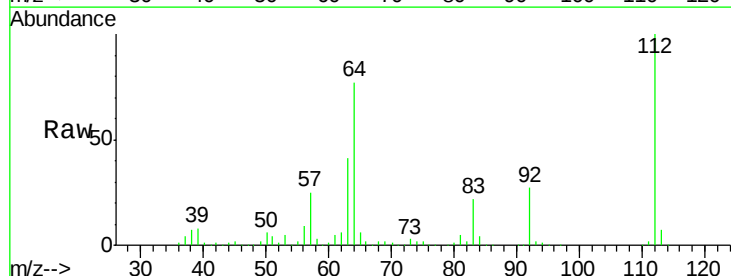
Tgt Ion:112 Resp: 321273

Ion Ratio Lower Upper

112 100

64 77.5 39.7 59.5#

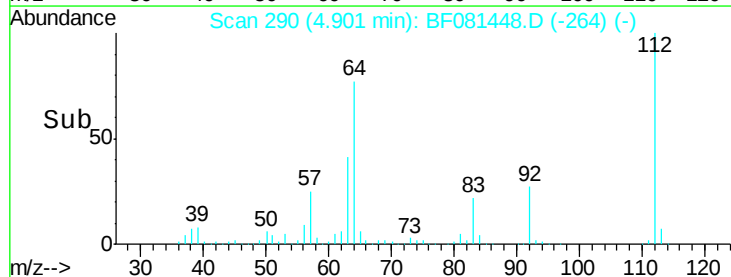
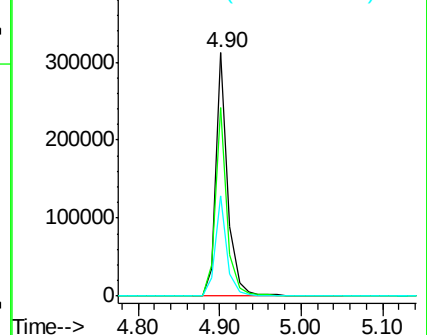
63 40.9 17.4 26.0#



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: 74.35 ng

RT: 6.02 min Scan# 388

Delta R.T. -0.01 min

Lab File: BF081448.D

Acq: 5 Sep 2015 6:07

Instrument :

BNA_F

ClientSampleId :

SB-19(6-7)

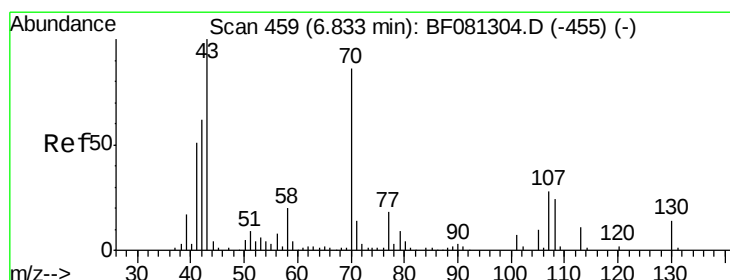
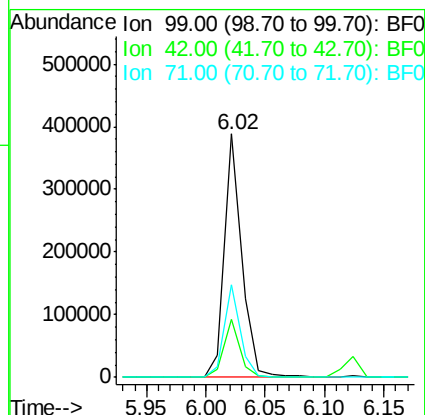
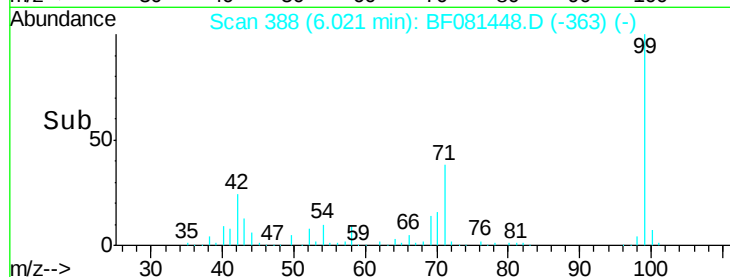
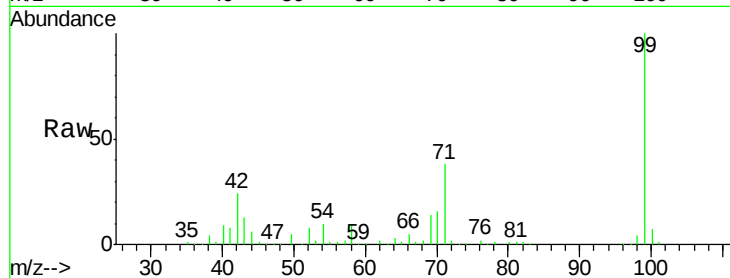
Tot Ion: 99 Resp: 394002

Ion Ratio Lower Upper

99 100

42 23.7 13.7 20.5#

71 38.2 14.2 21.2#



#19

n-Nitroso-di-n-propylamine

Concen: 11.38 ng

RT: 6.94 min Scan# 468

Delta R.T. 0.13 min

Lab File: BF081448.D

Acq: 5 Sep 2015 6:07

Tgt Ion: 70 Resp: 41042

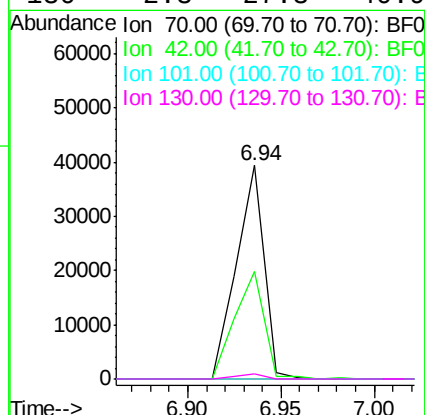
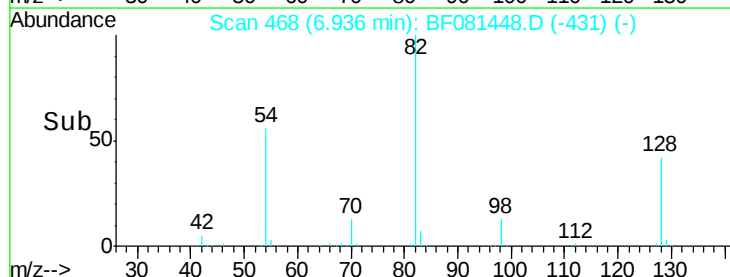
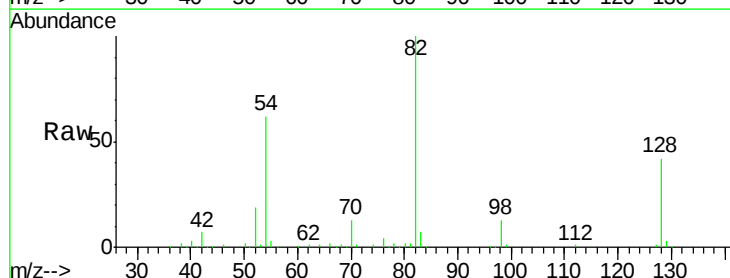
Ion Ratio Lower Upper

70 100

42 50.5 63.8 95.6#

101 0.0 9.2 13.8#

130 2.3 27.3 40.9#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.64 min Scan# 530

Delta R.T. -0.01 min

Lab File: BF081448.D

Acq: 5 Sep 2015 6:07

Instrument :

BNA_F

ClientSampleId :

SB-19(6-7)

Tot Ion:136 Resp: 248896

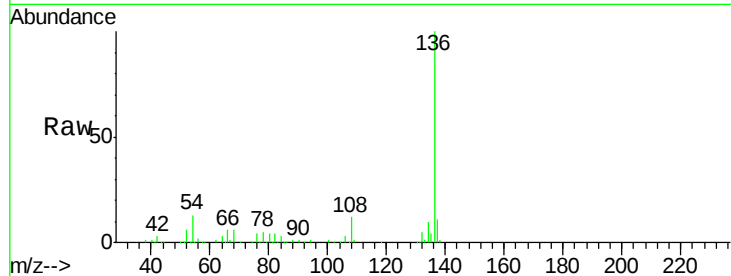
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.6

54 12.7 8.2 12.2#

68 5.5 5.8 8.6#

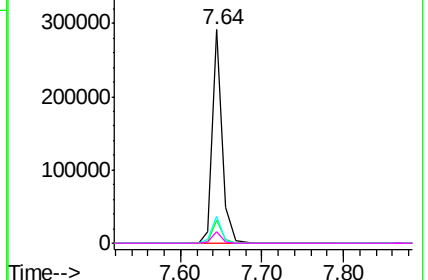
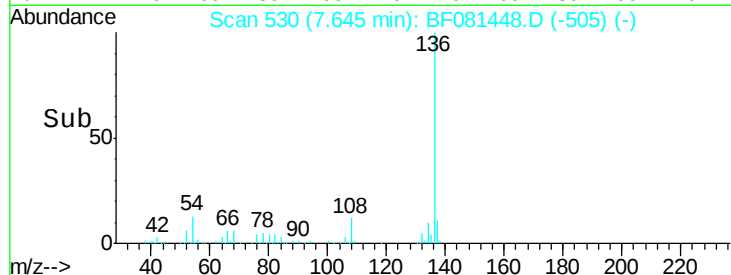


Abundance Ion 136.00 (135.70 to 136.70): E

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: 59.01 ng

RT: 6.94 min Scan# 468

Delta R.T. -0.01 min

Lab File: BF081448.D

Acq: 5 Sep 2015 6:07

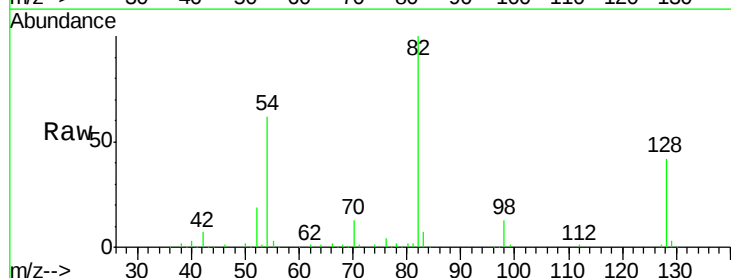
Tgt Ion: 82 Resp: 304415

Ion Ratio Lower Upper

82 100

128 41.7 51.0 76.6#

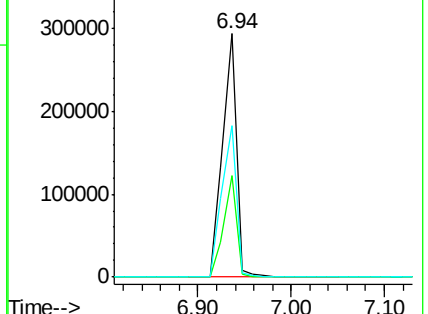
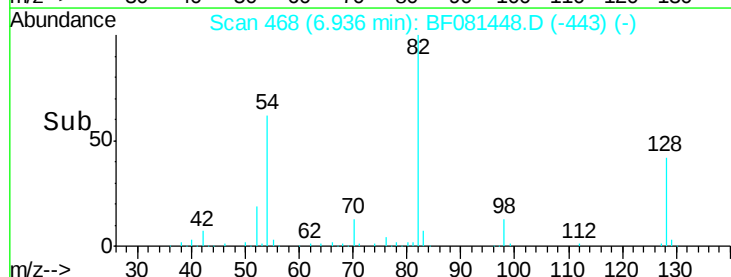
54 62.0 47.5 71.3

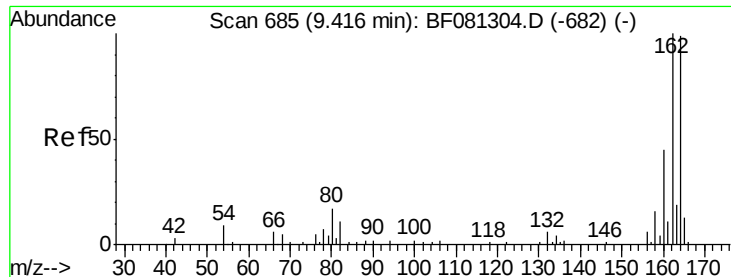


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

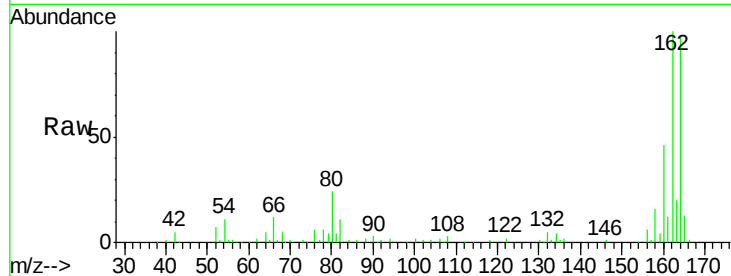




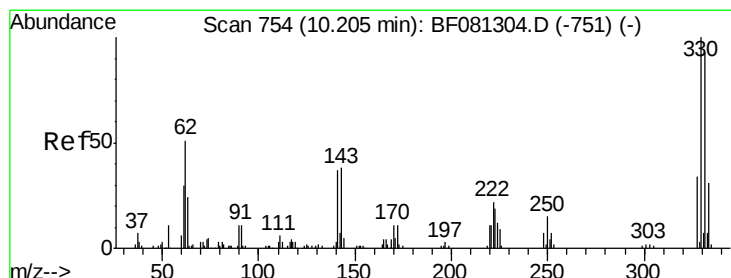
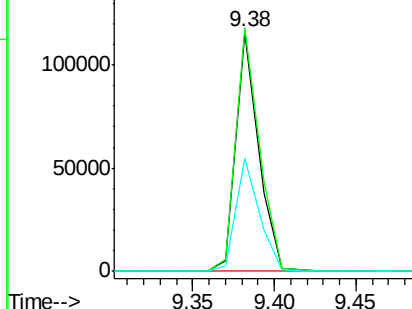
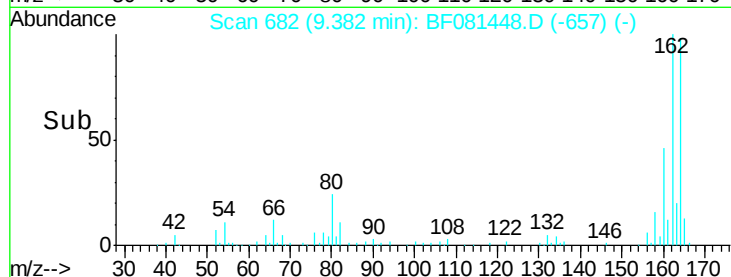
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.38 min Scan# 682
Delta R.T. -0.01 min
Lab File: BF081448.D
Acq: 5 Sep 2015 6:07

Instrument :
BNA_F
ClientSampleId :
SB-19(6-7)

Tot Ion:164 Resp: 110683
Ion Ratio Lower Upper
164 100
162 102.1 75.2 112.8
160 47.3 31.5 47.3#

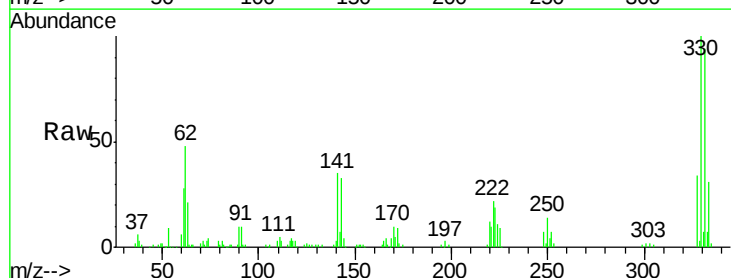


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

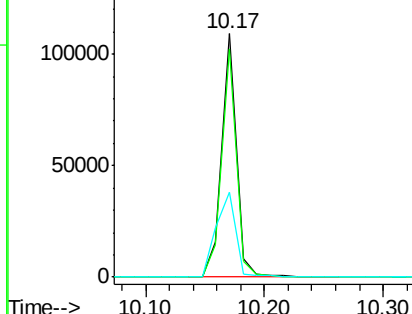
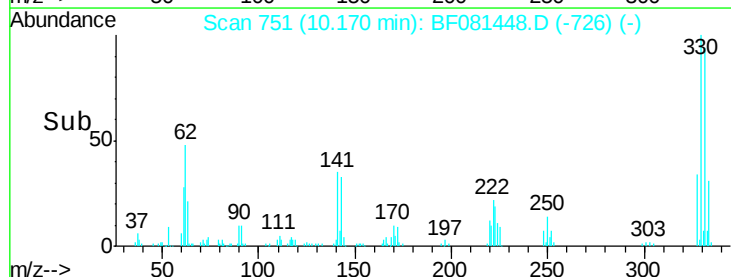


#41
2,4,6-Tribromophenol
Concen: 95.30 ng
RT: 10.17 min Scan# 751
Delta R.T. -0.01 min
Lab File: BF081448.D
Acq: 5 Sep 2015 6:07

Tgt Ion:330 Resp: 93916
Ion Ratio Lower Upper
330 100
332 92.9 76.6 114.8
141 46.1 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

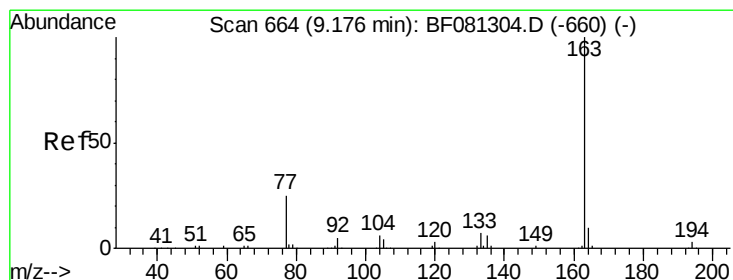
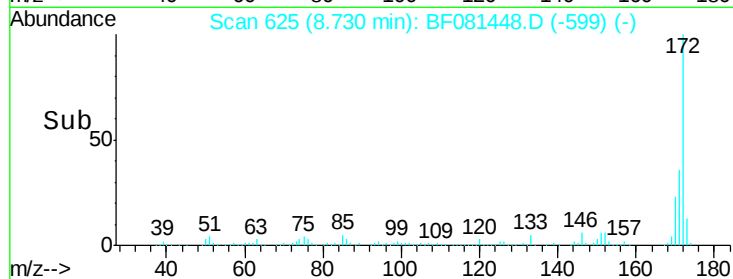
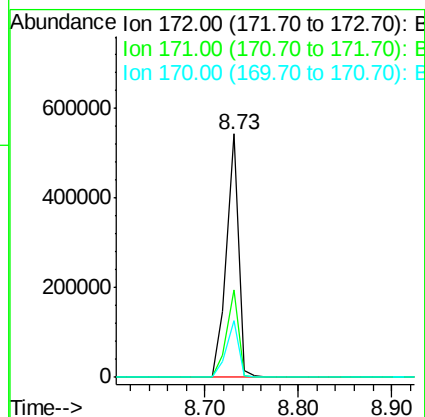
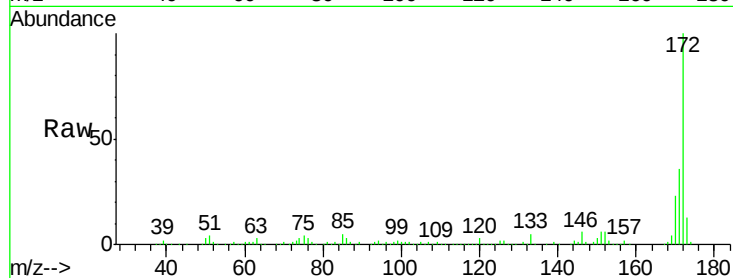




#44
2-Fluorobiphenyl
Concen: 57.06 ng
RT: 8.73 min Scan# 625
Delta R.T. 0.00 min
Lab File: BF081448.D
Acq: 5 Sep 2015 6:07

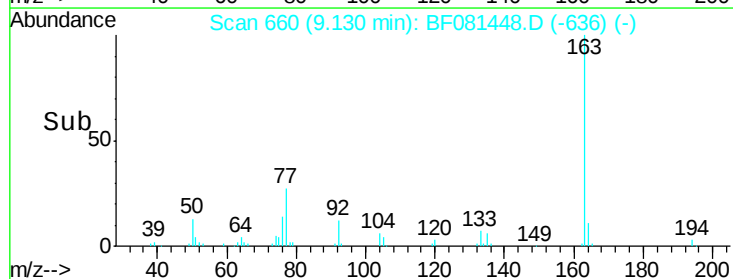
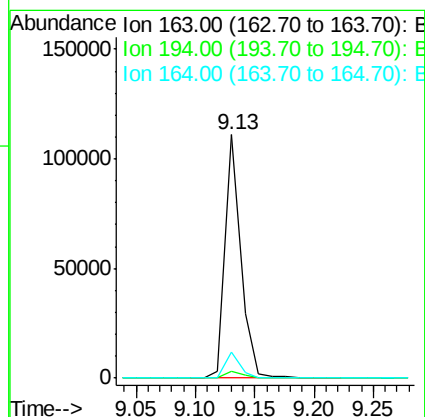
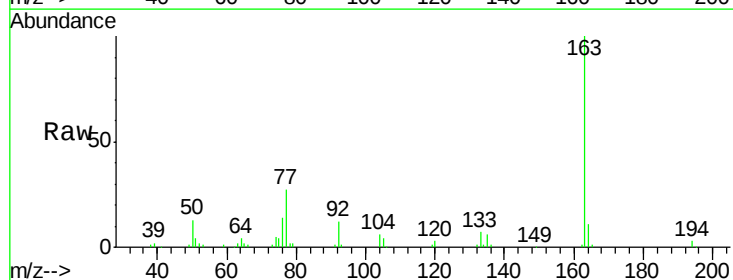
Instrument :
BNA_F
ClientSampleId :
SB-19(6-7)

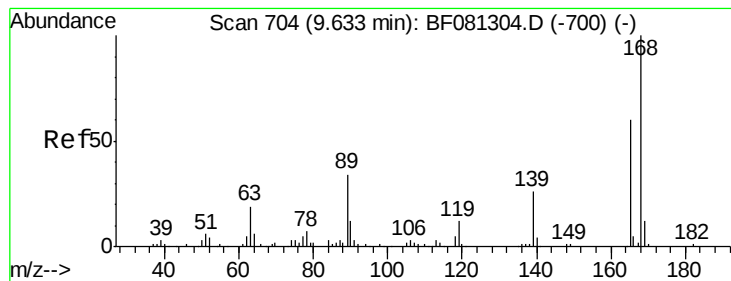
Tot Ion:172 Resp: 492857
Ion Ratio Lower Upper
172 100
171 35.9 26.1 39.1
170 23.5 17.4 26.2



#49
Dimethylphthalate
Concen: 11.82 ng
RT: 9.13 min Scan# 660
Delta R.T. -0.02 min
Lab File: BF081448.D
Acq: 5 Sep 2015 6:07

Tgt Ion:163 Resp: 101686
Ion Ratio Lower Upper
163 100
194 2.9 4.4 6.6#
164 10.6 8.3 12.5





#56

2,4-Dinitrotoluene

Concen: 5.75 ng

RT: 9.38 min Scan# 682

Delta R.T. -0.22 min

Lab File: BF081448.D

Acq: 5 Sep 2015 6:07

Instrument :

BNA_F

ClientSampleId :

SB-19(6-7)

Tot Ion:165 Resp: 14295

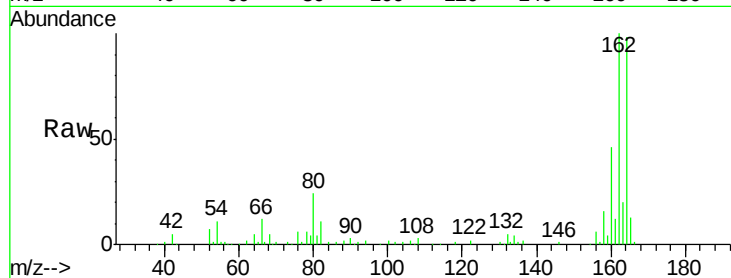
Ion Ratio Lower Upper

165 100

63 0.0 29.8 44.6#

89 0.0 44.5 66.7#

182 0.0 3.0 4.4#

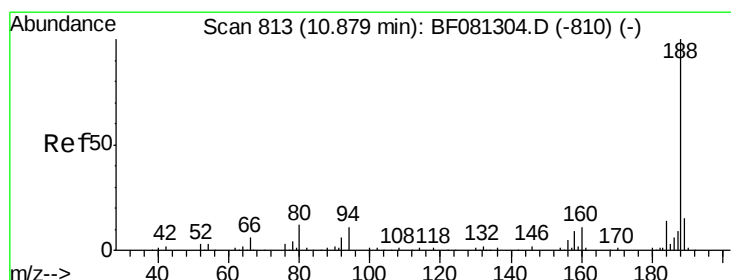
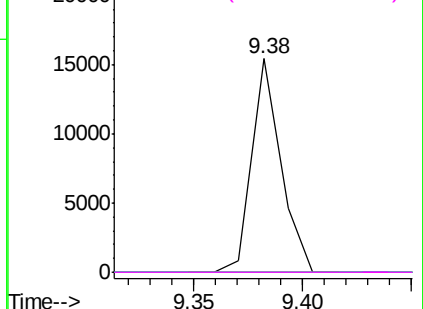
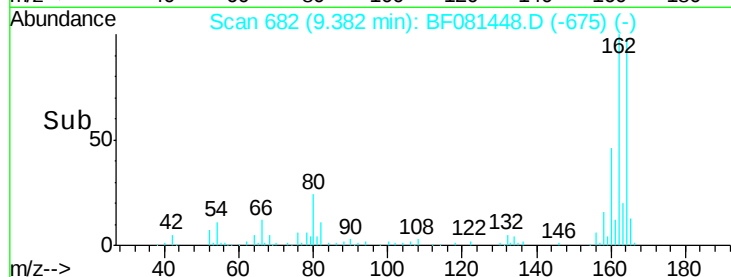


Abundance Ion 165.00 (164.70 to 165.70): E

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. -0.01 min

Lab File: BF081448.D

Acq: 5 Sep 2015 6:07

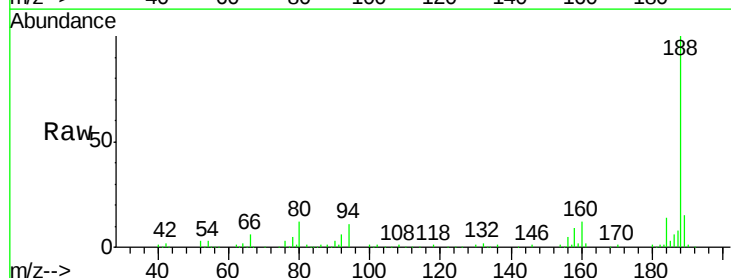
Tgt Ion:188 Resp: 230737

Ion Ratio Lower Upper

188 100

94 10.8 11.1 16.7#

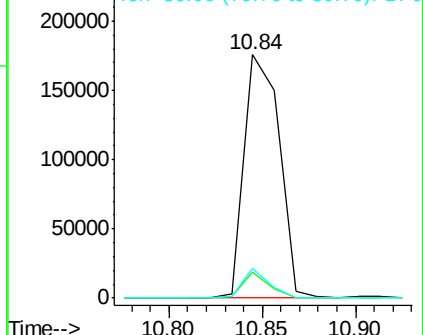
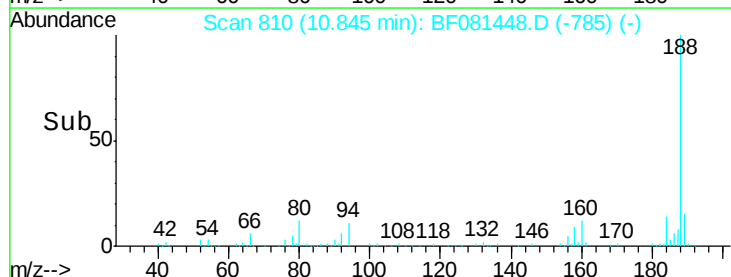
80 12.2 11.0 16.4

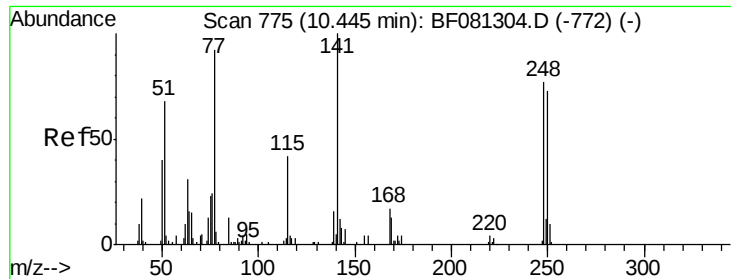


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

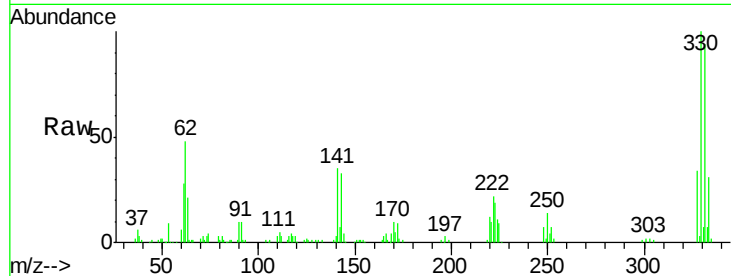




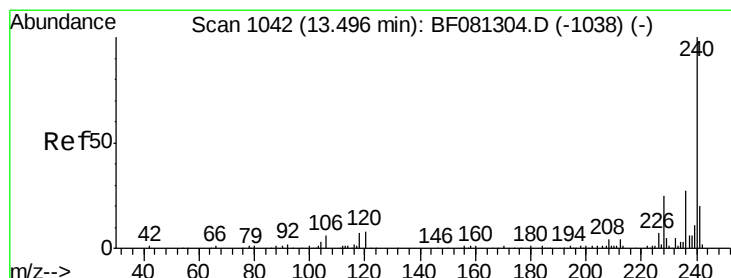
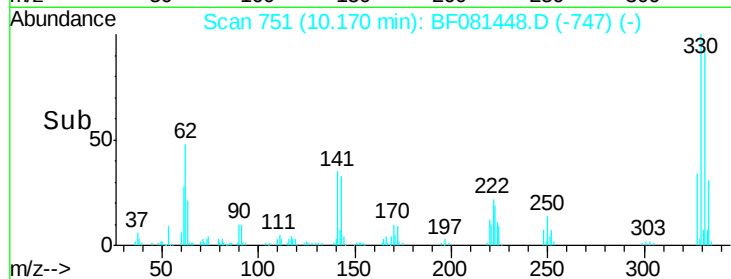
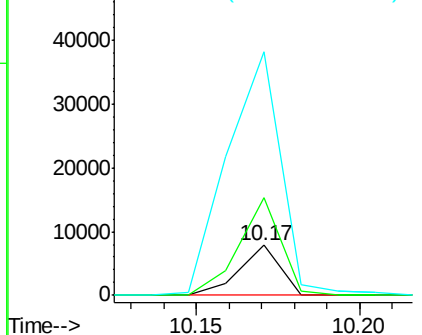
#66
 4-Bromophenyl-phenylether
 Concen: 2.88 ng
 RT: 10.17 min Scan# 751
 Delta R.T. -0.25 min
 Lab File: BF081448.D
 Acq: 5 Sep 2015 6:07

Instrument :
 BNA_F
 ClientSampleId :
 SB-19(6-7)

Tot Ion:248 Resp: 6714
 Ion Ratio Lower Upper
 248 100
 250 194.6 78.5 117.7#
 141 487.0 59.0 88.6#

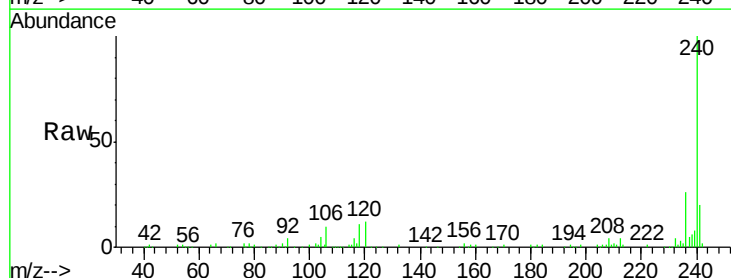


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

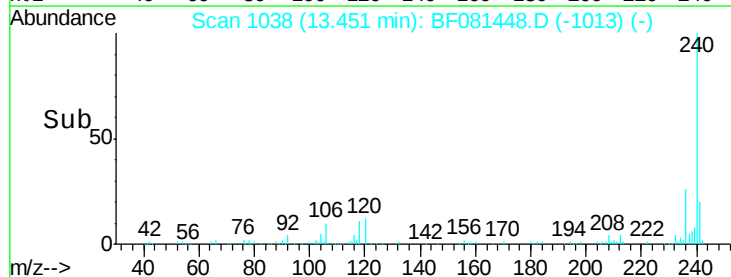
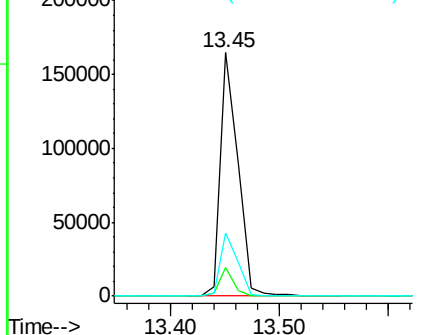


#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.45 min Scan# 1038
 Delta R.T. -0.01 min
 Lab File: BF081448.D
 Acq: 5 Sep 2015 6:07

Tgt Ion:240 Resp: 186054
 Ion Ratio Lower Upper
 240 100
 120 11.8 16.2 24.2#
 236 25.7 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

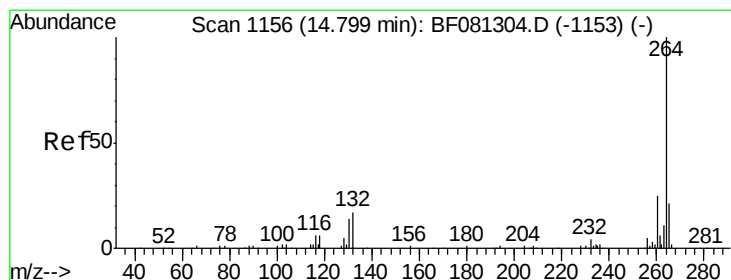
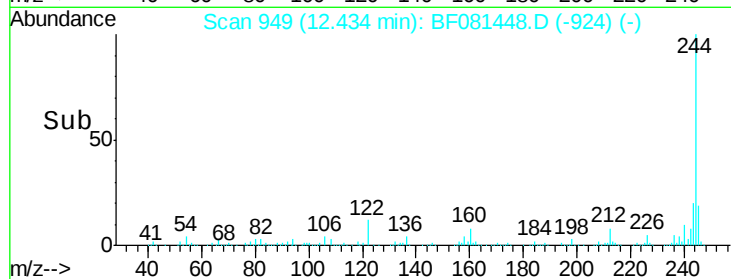
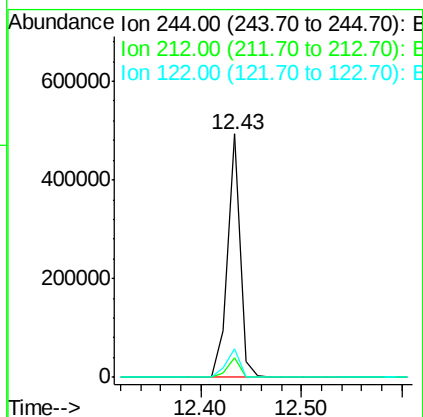
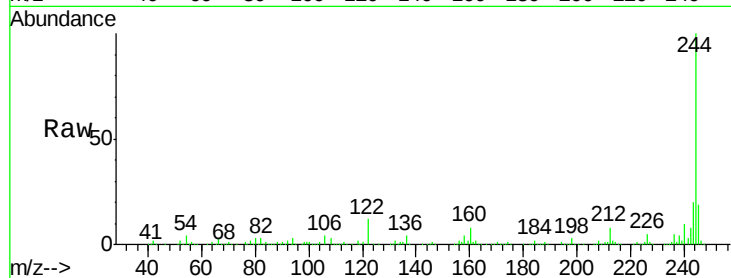




#78
 Terphenyl-d14
 Concen: 53.79 ng
 RT: 12.43 min Scan# 949
 Delta R.T. -0.01 min
 Lab File: BF081448.D
 Acq: 5 Sep 2015 6:07

Instrument :
 BNA_F
 ClientSampleId :
 SB-19(6-7)

Tot Ion:244 Resp: 429923
 Ion Ratio Lower Upper
 244 100
 212 7.8 4.3 6.5#
 122 11.8 17.4 26.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.77 min Scan# 1153
 Delta R.T. 0.00 min
 Lab File: BF081448.D
 Acq: 5 Sep 2015 6:07

Tgt Ion:264 Resp: 138166
 Ion Ratio Lower Upper
 264 100
 260 24.3 16.7 25.1
 265 22.0 17.2 25.8

