

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090315\
 Data File : BF081379.D
 Acq On : 3 Sep 2015 16:01
 Operator : UM/IZ
 Sample : PB85360BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB85360BL

Quant Time: Sep 04 02:04:15 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 04 02:03:29 2015
 Response via : Initial Calibration

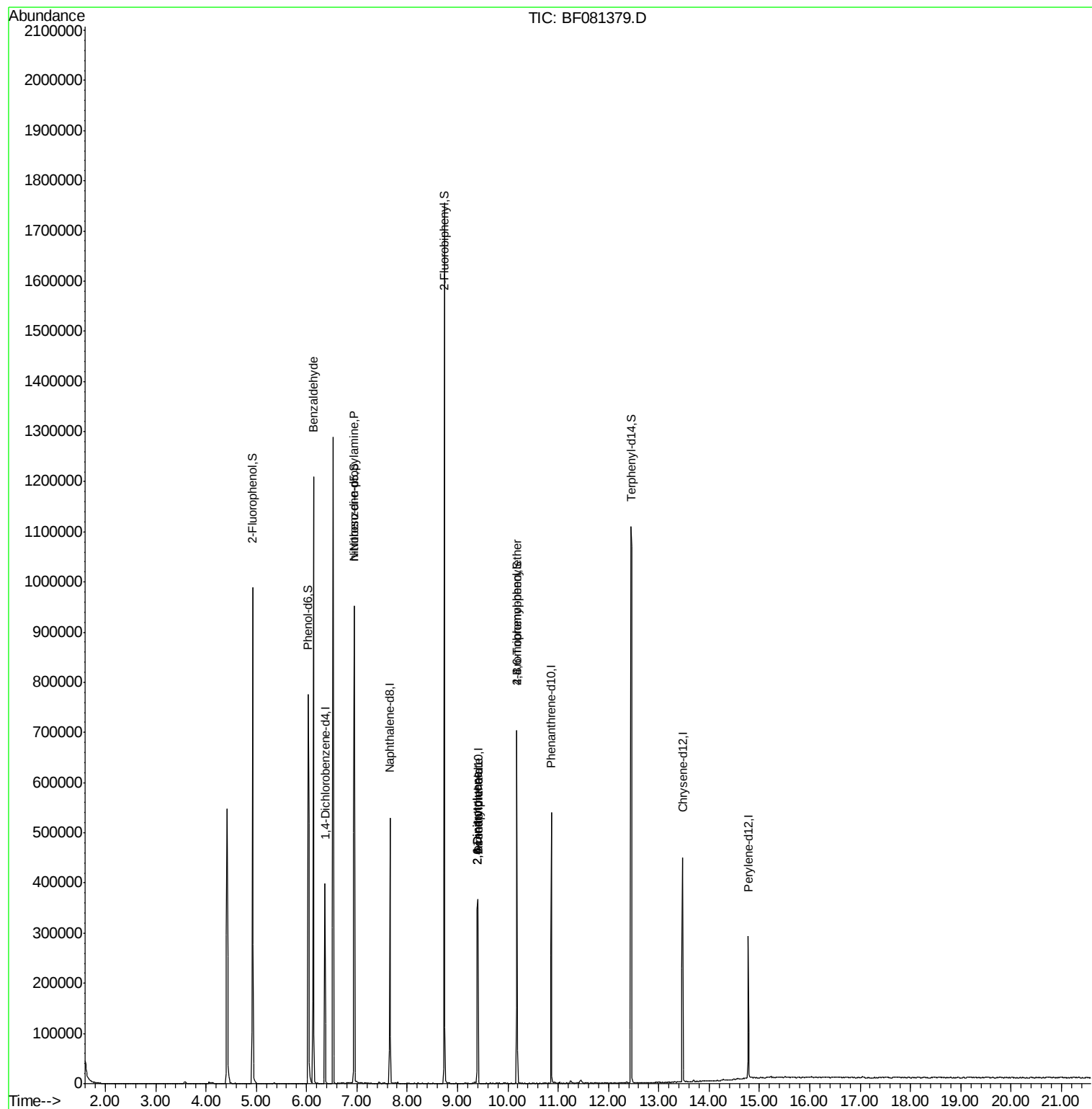
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.36	152	56063	20.00	ng	-0.01
21) Naphthalene-d8	7.66	136	223526	20.00	ng	-0.01
38) Acenaphthene-d10	9.40	164	109430	20.00	ng	0.00
63) Phenanthrene-d10	10.87	188	232665	20.00	ng	0.00
75) Chrysene-d12	13.47	240	186928	20.00	ng	0.00
86) Perylene-d12	14.78	264	109063	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.92	112	246348	68.18	ng	0.01
7) Phenol-d6	6.03	99	318809	66.65	ng	-0.01
23) Nitrobenzene-d5	6.95	82	344545	74.37	ng	0.00
41) 2,4,6-Tribromophenol	10.18	330	61075	62.68	ng	-0.01
44) 2-Fluorobiphenyl	8.74	172	520653	60.97	ng	-0.01
78) Terphenyl-d14	12.46	244	531263	66.16	ng	0.00
Target Compounds						
9) Benzaldehyde	6.14	77	7224	2.41	ng	# 54
19) n-Nitroso-di-n-propylamine	6.95	70	46587	14.31	ng	# 60
49) Dimethylphthalate	9.40	163	33217	3.91	ng	# 1
50) 2,6-Dinitrotoluene	9.39	165	13755	7.13	ng	# 37
56) 2,4-Dinitrotoluene	9.39	165	13755	5.60	ng	# 31
66) 4-Bromophenyl-phenylether	10.18	248	5065	2.15	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: 6.36 min Scan# 418

Delta R.T. -0.01 min

Lab File: BF081379.D

Acq: 3 Sep 2015 16:01

Instrument :

BNA_F

ClientSampleId :

PB85360BL

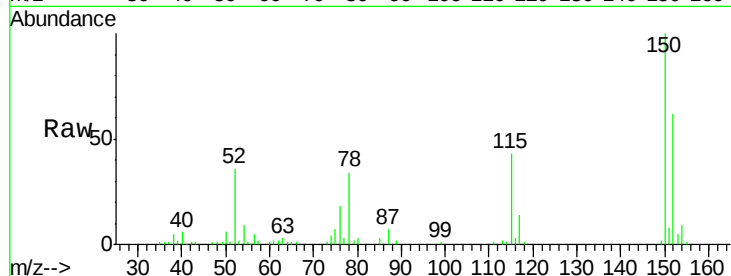
Tot Ion:152 Resp: 56063

Ion Ratio Lower Upper

152 100

150 161.2 124.7 187.1

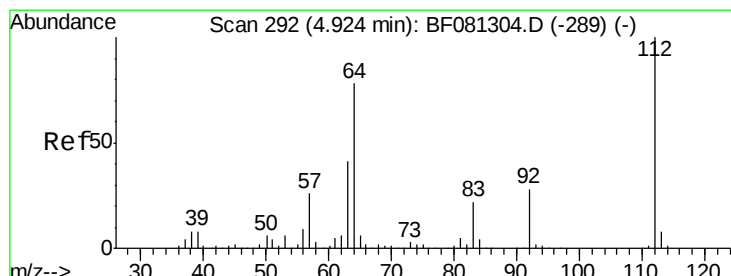
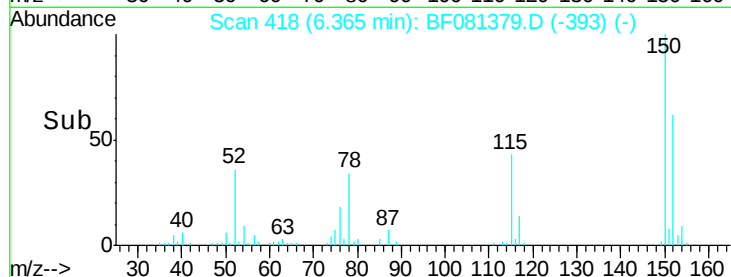
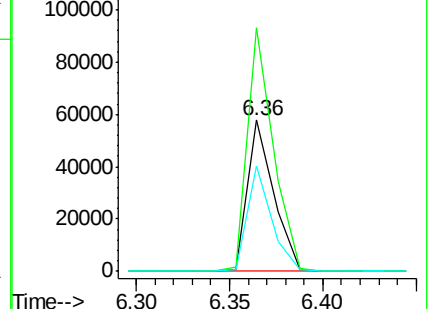
115 70.0 39.0 58.4#



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: 68.18 ng

RT: 4.92 min Scan# 292

Delta R.T. 0.01 min

Lab File: BF081379.D

Acq: 3 Sep 2015 16:01

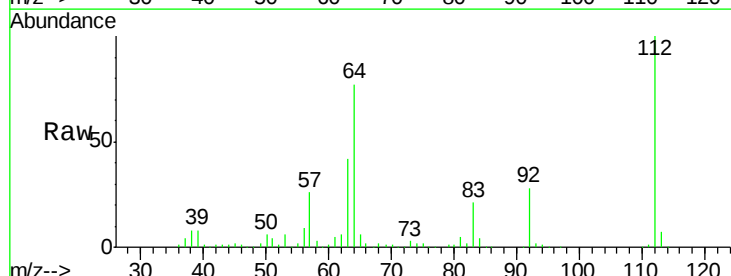
Tgt Ion:112 Resp: 246348

Ion Ratio Lower Upper

112 100

64 77.0 39.7 59.5#

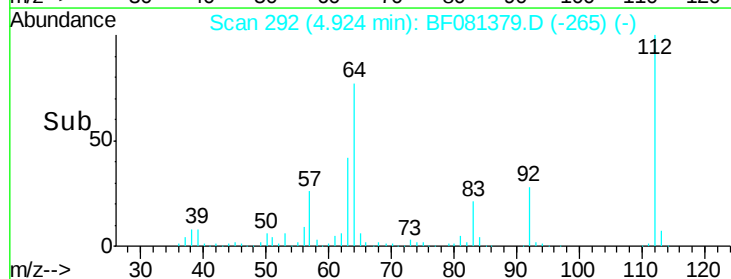
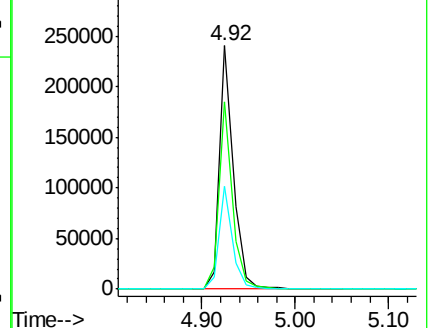
63 42.1 17.4 26.0#



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: 66.65 ng

RT: 6.03 min Scan# 389

Delta R.T. -0.01 min

Lab File: BF081379.D

Acq: 3 Sep 2015 16:01

Instrument :

BNA_F

ClientSampleId :

PB85360BL

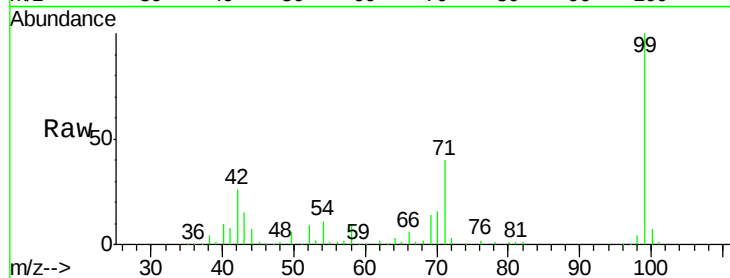
Tot Ion: 99 Resp: 318809

Ion Ratio Lower Upper

99 100

42 26.1 13.7 20.5#

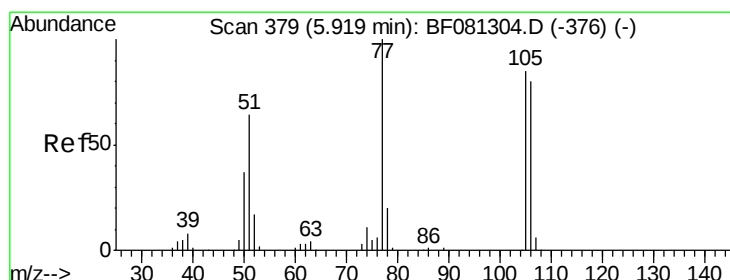
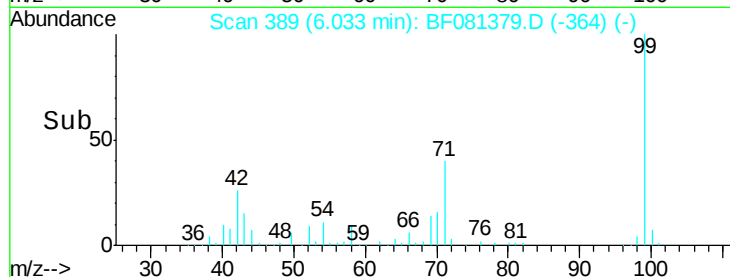
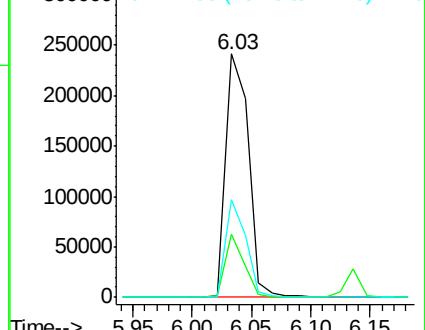
71 40.3 14.2 21.2#



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



#9

Benzaldehyde

Concen: 2.41 ng

RT: 6.14 min Scan# 398

Delta R.T. 0.23 min

Lab File: BF081379.D

Acq: 3 Sep 2015 16:01

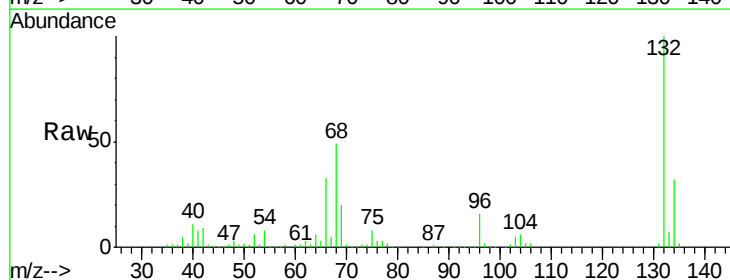
Tgt Ion: 77 Resp: 7224

Ion Ratio Lower Upper

77 100

105 70.6 91.6 131.6#

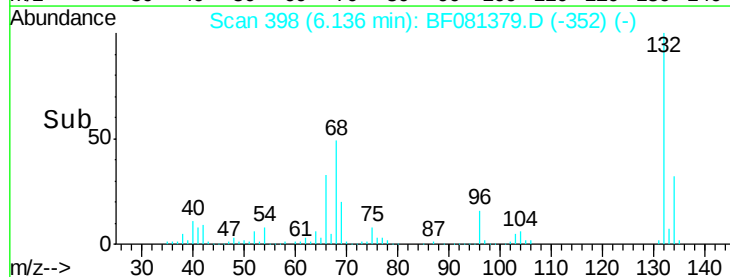
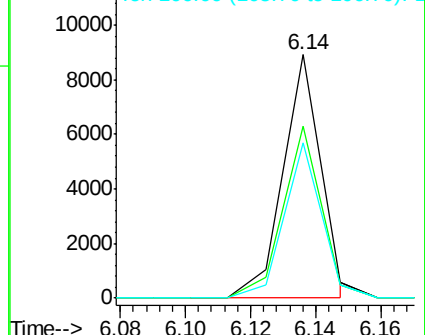
106 64.0 102.6 142.6#

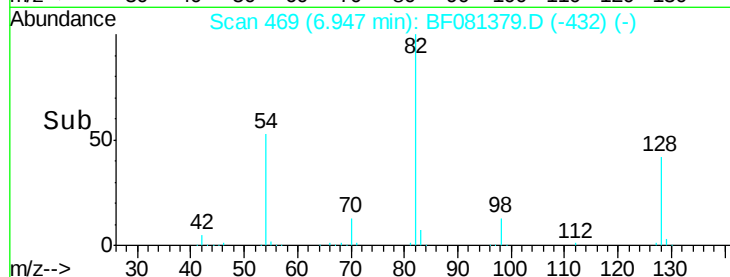
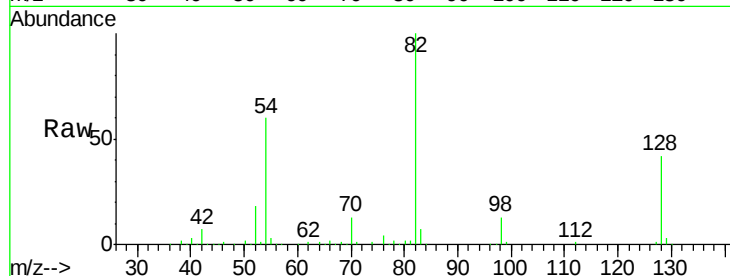
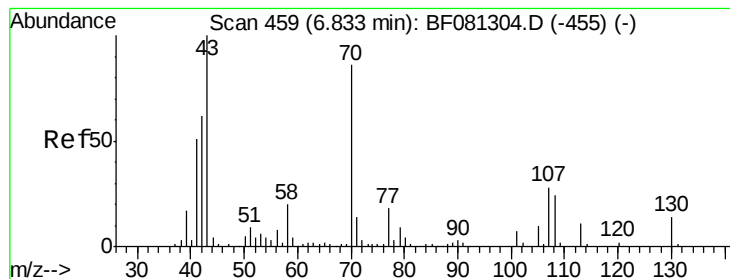


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 14.31 ng

RT: 6.95 min Scan# 469

Delta R.T. 0.13 min

Lab File: BF081379.D

Acq: 3 Sep 2015 16:01

Instrument :

BNA_F

ClientSampleId :

PB85360BL

Tot Ion: 70 Resp: 46587

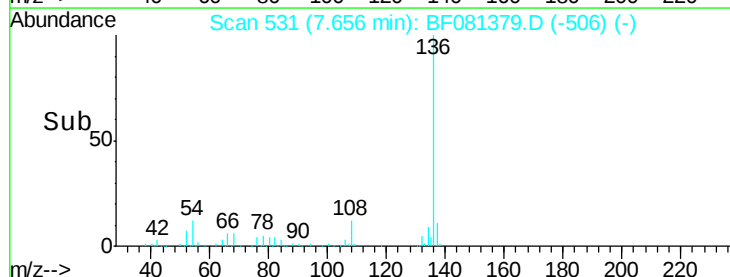
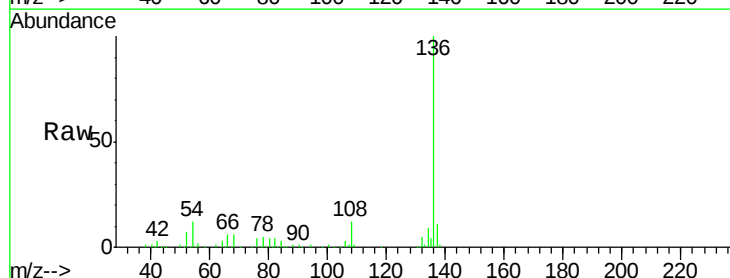
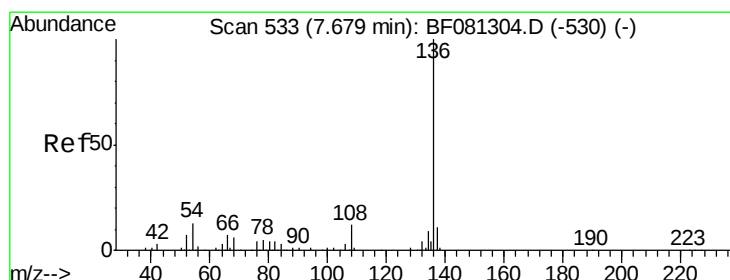
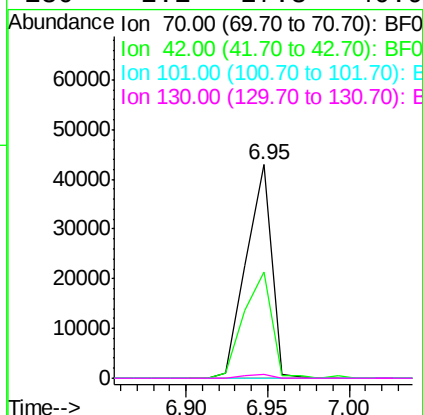
Ion Ratio Lower Upper

70 100

42 49.5 63.8 95.6#

101 0.0 9.2 13.8#

130 2.1 27.3 40.9#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.66 min Scan# 531

Delta R.T. -0.01 min

Lab File: BF081379.D

Acq: 3 Sep 2015 16:01

Tgt Ion: 136 Resp: 223526

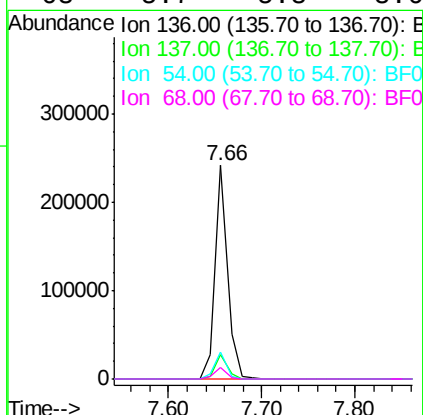
Ion Ratio Lower Upper

136 100

137 11.3 9.0 13.6

54 12.4 8.2 12.2#

68 5.7 5.8 8.6#

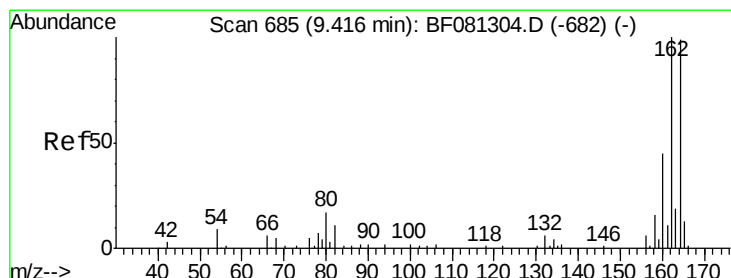
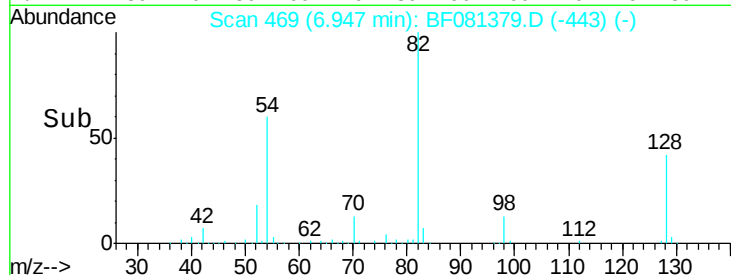
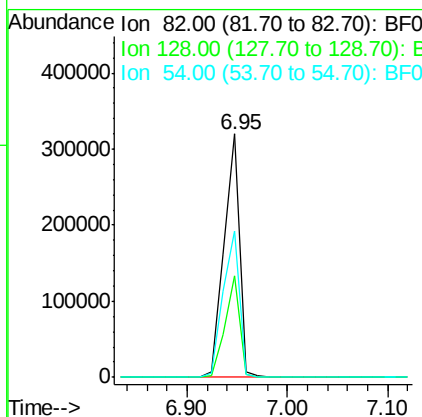
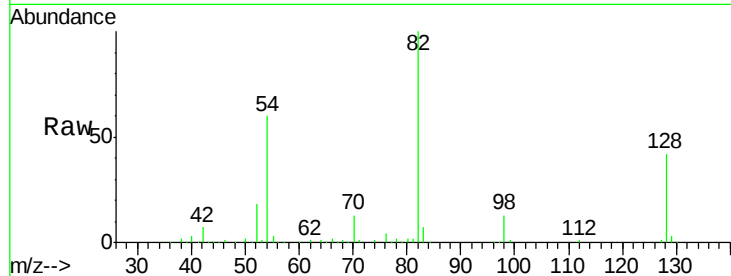




#23
 Nitrobenzene-d5
 Concen: 74.37 ng
 RT: 6.95 min Scan# 469
 Delta R.T. 0.00 min
 Lab File: BF081379.D
 Acq: 3 Sep 2015 16:01

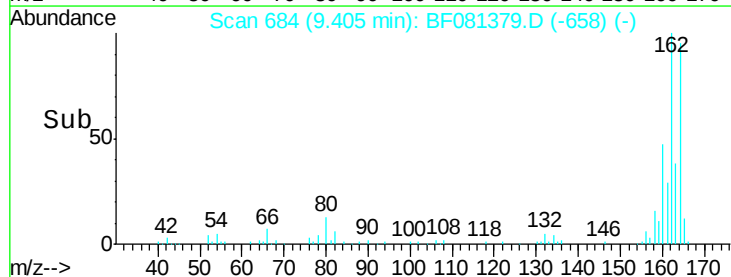
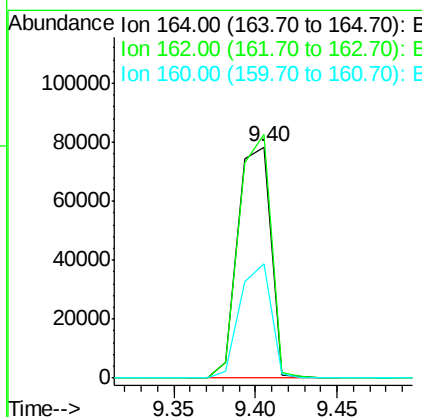
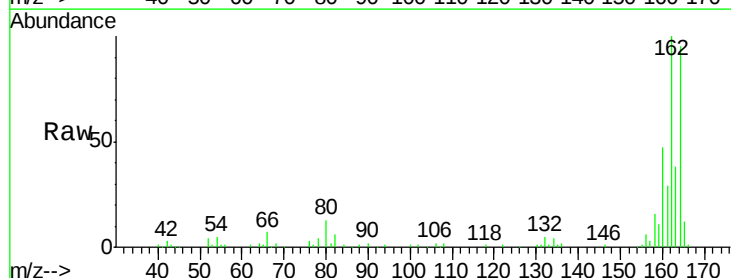
Instrument :
 BNA_F
 ClientSampleId :
 PB85360BL

Tot Ion: 82 Resp: 344545
 Ion Ratio Lower Upper
 82 100
 128 41.7 51.0 76.6#
 54 59.9 47.5 71.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.40 min Scan# 684
 Delta R.T. 0.00 min
 Lab File: BF081379.D
 Acq: 3 Sep 2015 16:01

Tgt Ion:164 Resp: 109430
 Ion Ratio Lower Upper
 164 100
 162 105.4 75.2 112.8
 160 49.4 31.5 47.3#

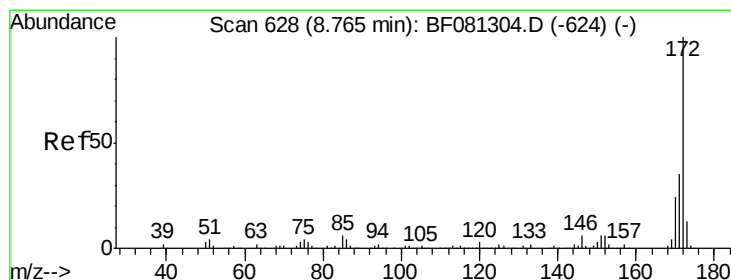
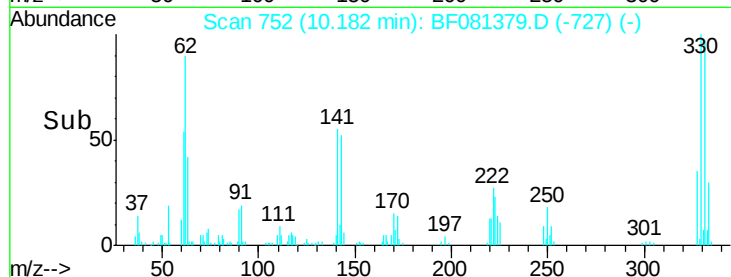
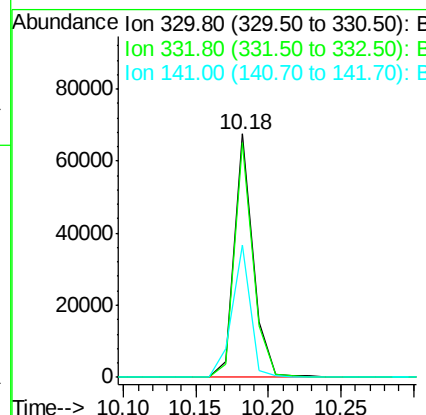
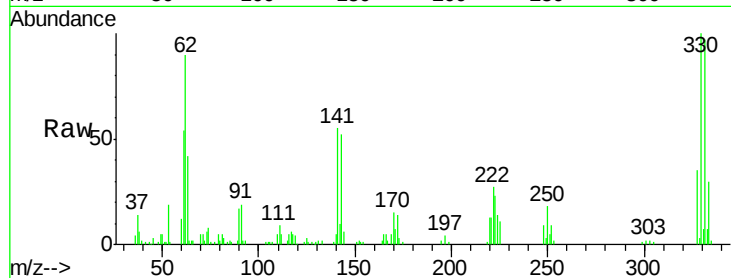




#41
 2,4,6-Tribromophenol
 Concen: 62.68 ng
 RT: 10.18 min Scan# 752
 Delta R.T. -0.01 min
 Lab File: BF081379.D
 Acq: 3 Sep 2015 16:01

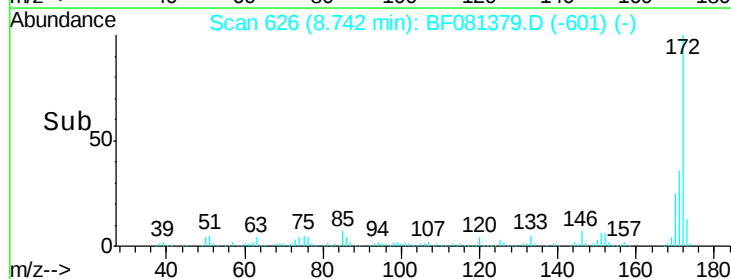
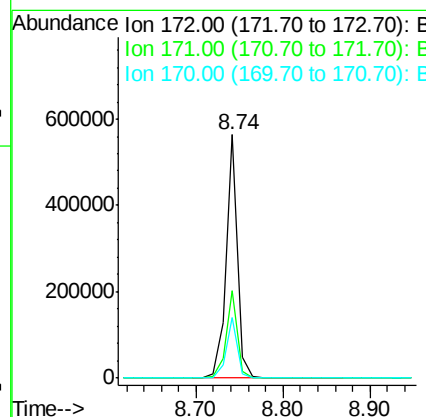
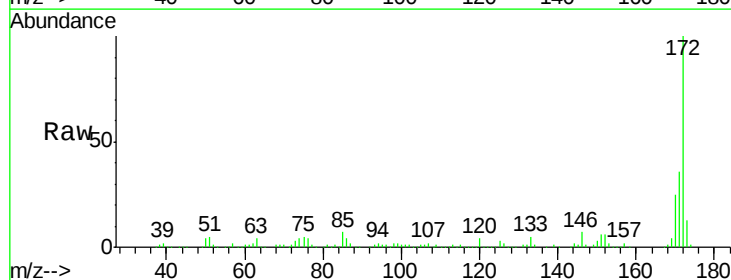
Instrument :
 BNA_F
 ClientSampleId :
 PB85360BL

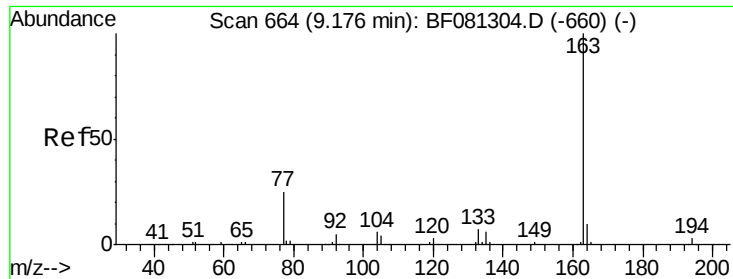
Tot Ion:330 Resp: 61075
 Ion Ratio Lower Upper
 330 100
 332 95.3 76.6 114.8
 141 52.7 29.7 44.5#



#44
 2-Fluorobiphenyl
 Concen: 60.97 ng
 RT: 8.74 min Scan# 626
 Delta R.T. -0.01 min
 Lab File: BF081379.D
 Acq: 3 Sep 2015 16:01

Tgt Ion:172 Resp: 520653
 Ion Ratio Lower Upper
 172 100
 171 35.9 26.1 39.1
 170 24.6 17.4 26.2





#49

Dimethylphthalate

Concen: 3.91 ng

RT: 9.40 min Scan# 684

Delta R.T. 0.24 min

Lab File: BF081379.D

Acq: 3 Sep 2015 16:01

Instrument :

BNA_F

ClientSampleID :

PB85360BL

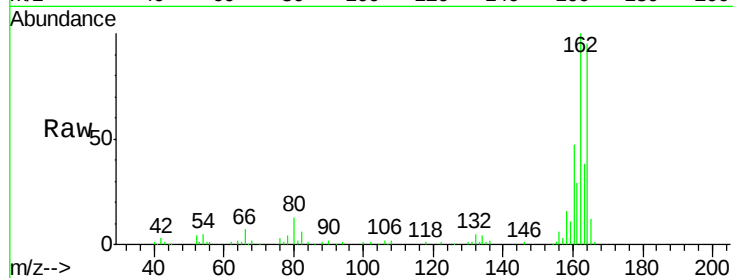
Tot Ion:163 Resp: 33217

Ion Ratio Lower Upper

163 100

194 0.0 4.4 6.6#

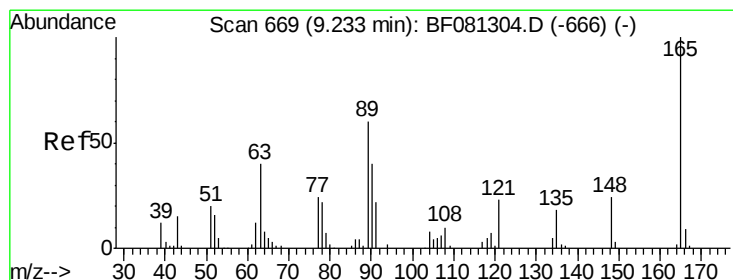
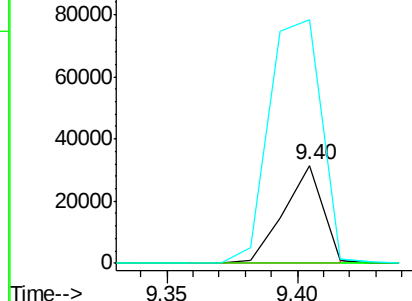
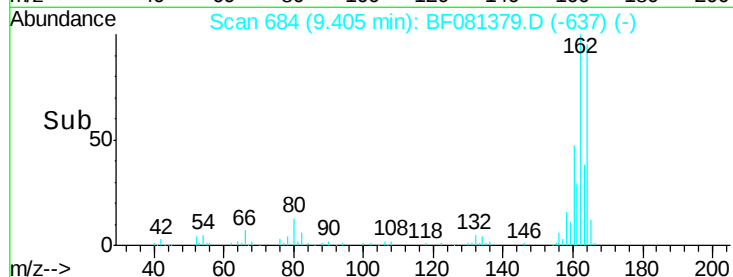
164 248.9 8.3 12.5#



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 7.13 ng

RT: 9.39 min Scan# 683

Delta R.T. 0.17 min

Lab File: BF081379.D

Acq: 3 Sep 2015 16:01

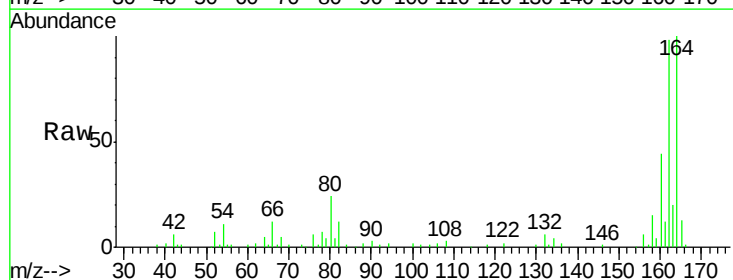
Tgt Ion:165 Resp: 13755

Ion Ratio Lower Upper

165 100

63 0.0 32.3 48.5#

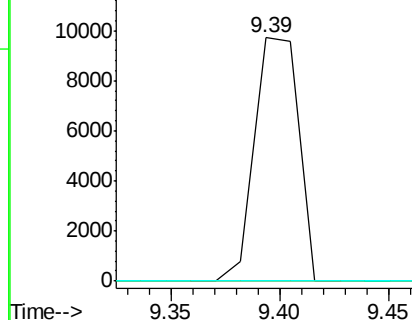
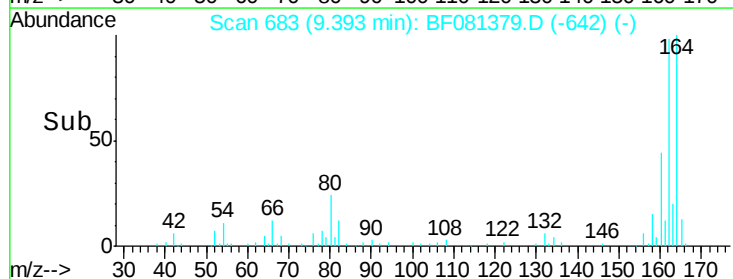
89 0.0 28.6 43.0#

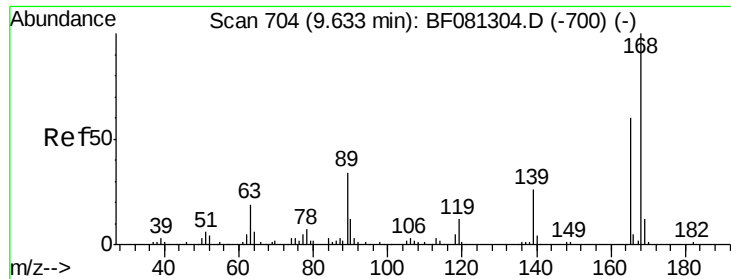


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

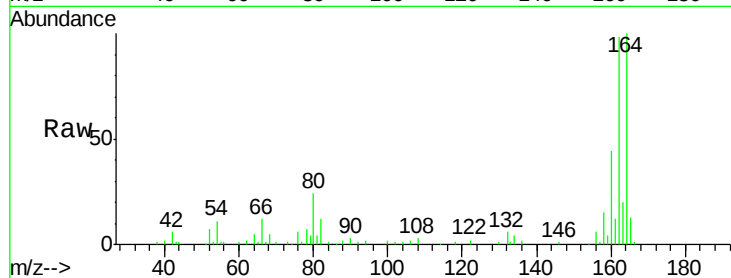




#56
 2,4-Dinitrotoluene
 Concen: 5.60 ng
 RT: 9.39 min Scan# 683
 Delta R.T. -0.22 min
 Lab File: BF081379.D
 Acq: 3 Sep 2015 16:01

Instrument :
 BNA_F
 ClientSampleId :
 PB85360BL

Tot Ion:165	Resp:	13755
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#

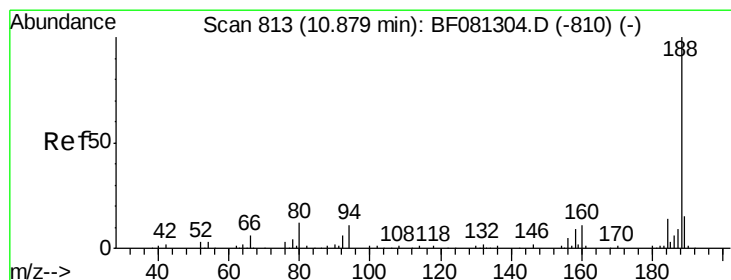
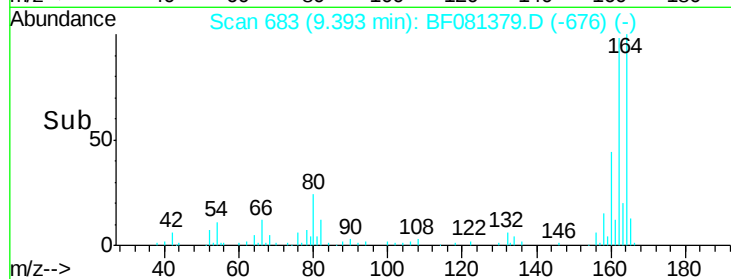
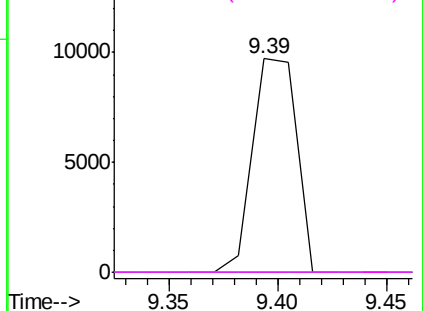


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

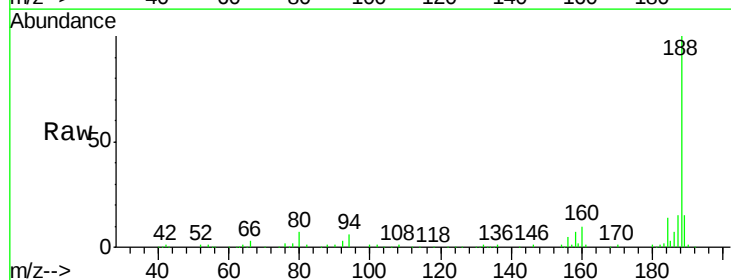
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 10.87 min Scan# 812
 Delta R.T. 0.00 min
 Lab File: BF081379.D
 Acq: 3 Sep 2015 16:01

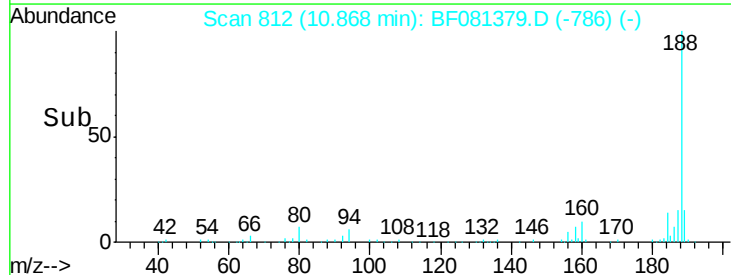
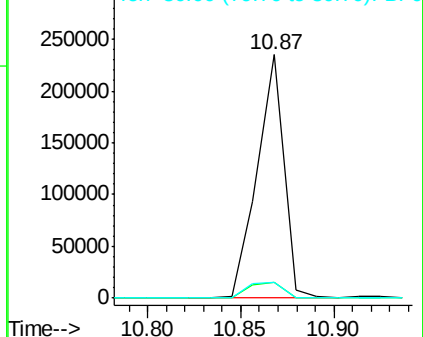
Tgt Ion:188	Resp:	232665
Ion Ratio	Lower	Upper
188	100	
94	6.3	11.1 16.7#
80	6.6	11.0 16.4#

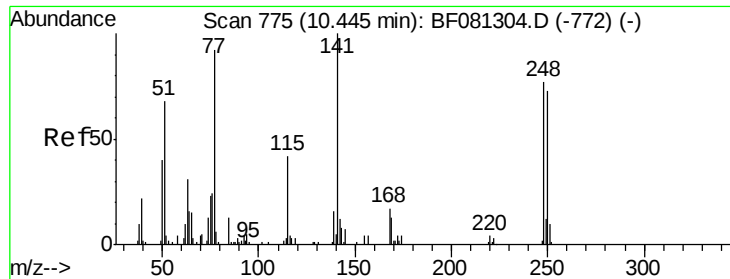


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

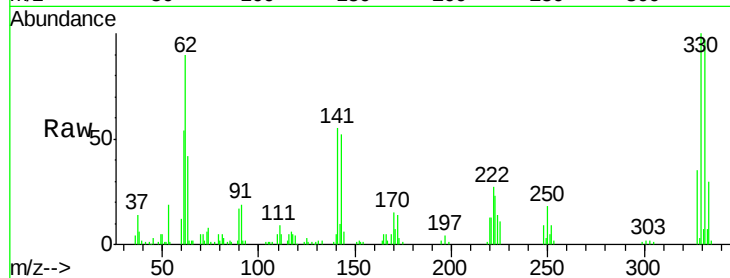




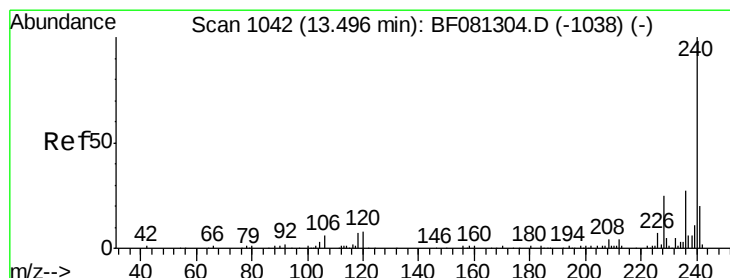
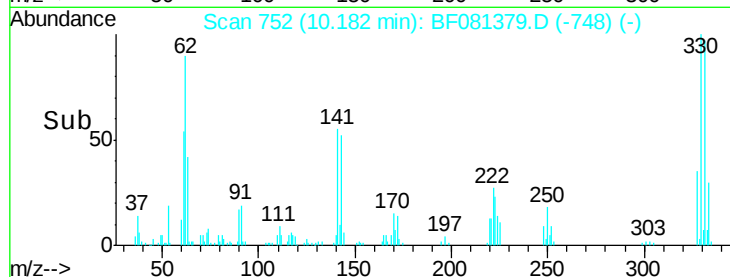
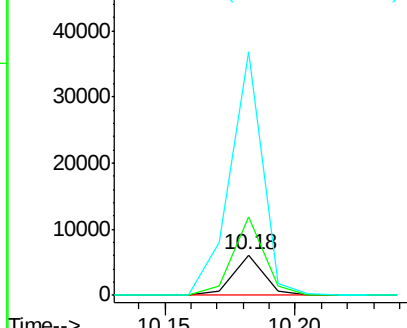
#66
4-Bromophenyl-phenylether
Concen: 2.15 ng
RT: 10.18 min Scan# 752
Delta R.T. -0.25 min
Lab File: BF081379.D
Acq: 3 Sep 2015 16:01

Instrument :
BNA_F
ClientSampleID :
PB85360BL

Tot Ion:248 Resp: 5065
Ion Ratio Lower Upper
248 100
250 194.5 78.5 117.7#
141 604.3 59.0 88.6#

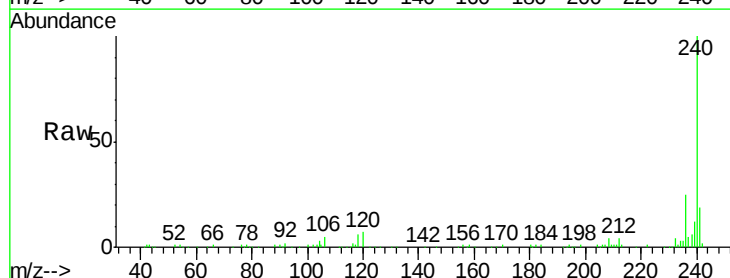


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

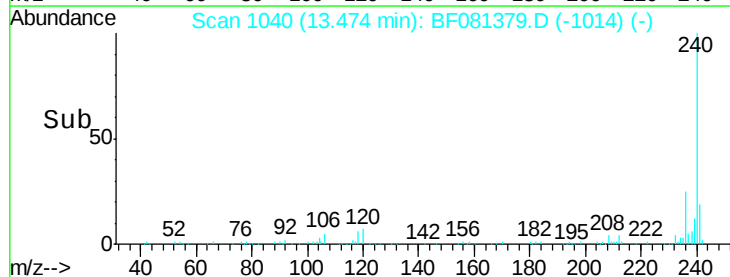
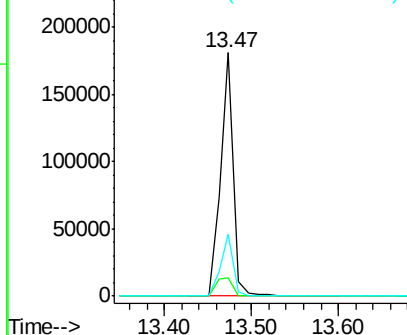


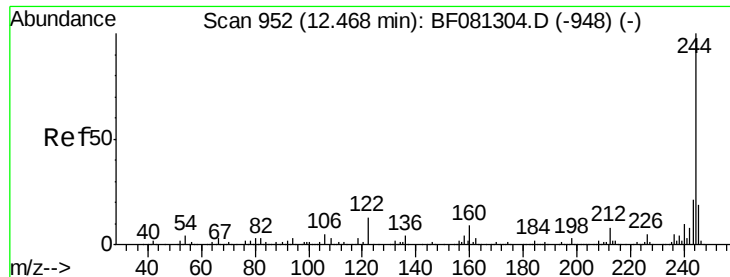
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.47 min Scan# 1040
Delta R.T. 0.00 min
Lab File: BF081379.D
Acq: 3 Sep 2015 16:01

Tgt Ion:240 Resp: 186928
Ion Ratio Lower Upper
240 100
120 7.4 16.2 24.2#
236 25.5 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

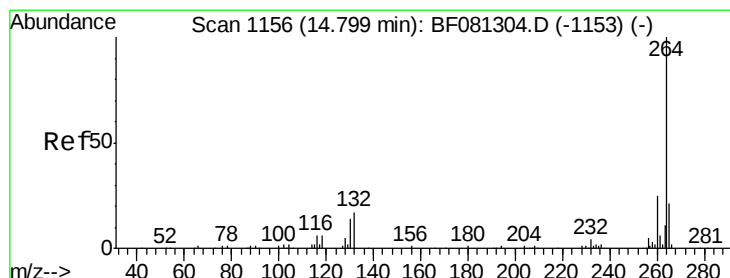
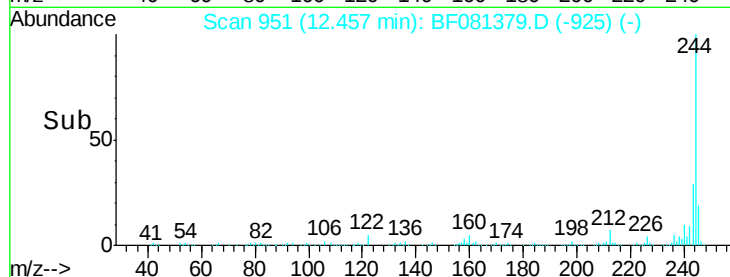
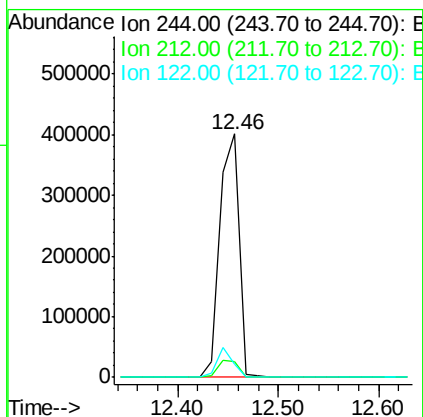
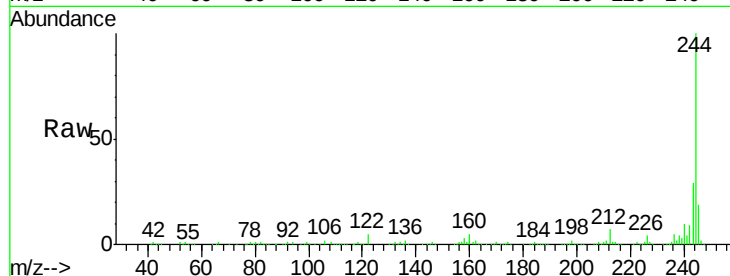




#78
 Terphenyl-d14
 Concen: 66.16 ng
 RT: 12.46 min Scan# 951
 Delta R.T. 0.00 min
 Lab File: BF081379.D
 Acq: 3 Sep 2015 16:01

Instrument :
 BNA_F
 ClientSampleID :
 PB85360BL

Tot Ion:244 Resp: 531263
 Ion Ratio Lower Upper
 244 100
 212 6.7 4.3 6.5#
 122 5.2 17.4 26.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.78 min Scan# 1154
 Delta R.T. -0.01 min
 Lab File: BF081379.D
 Acq: 3 Sep 2015 16:01

Tgt Ion:264 Resp: 109063
 Ion Ratio Lower Upper
 264 100
 260 24.2 16.7 25.1
 265 22.4 17.2 25.8

