

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090215\
 Data File : BF081355.D
 Acq On : 2 Sep 2015 18:39
 Operator : UM/IZ
 Sample : G3484-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FB-082815

Quant Time: Sep 02 23:05:05 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 02 22:52:41 2015
 Response via : Initial Calibration

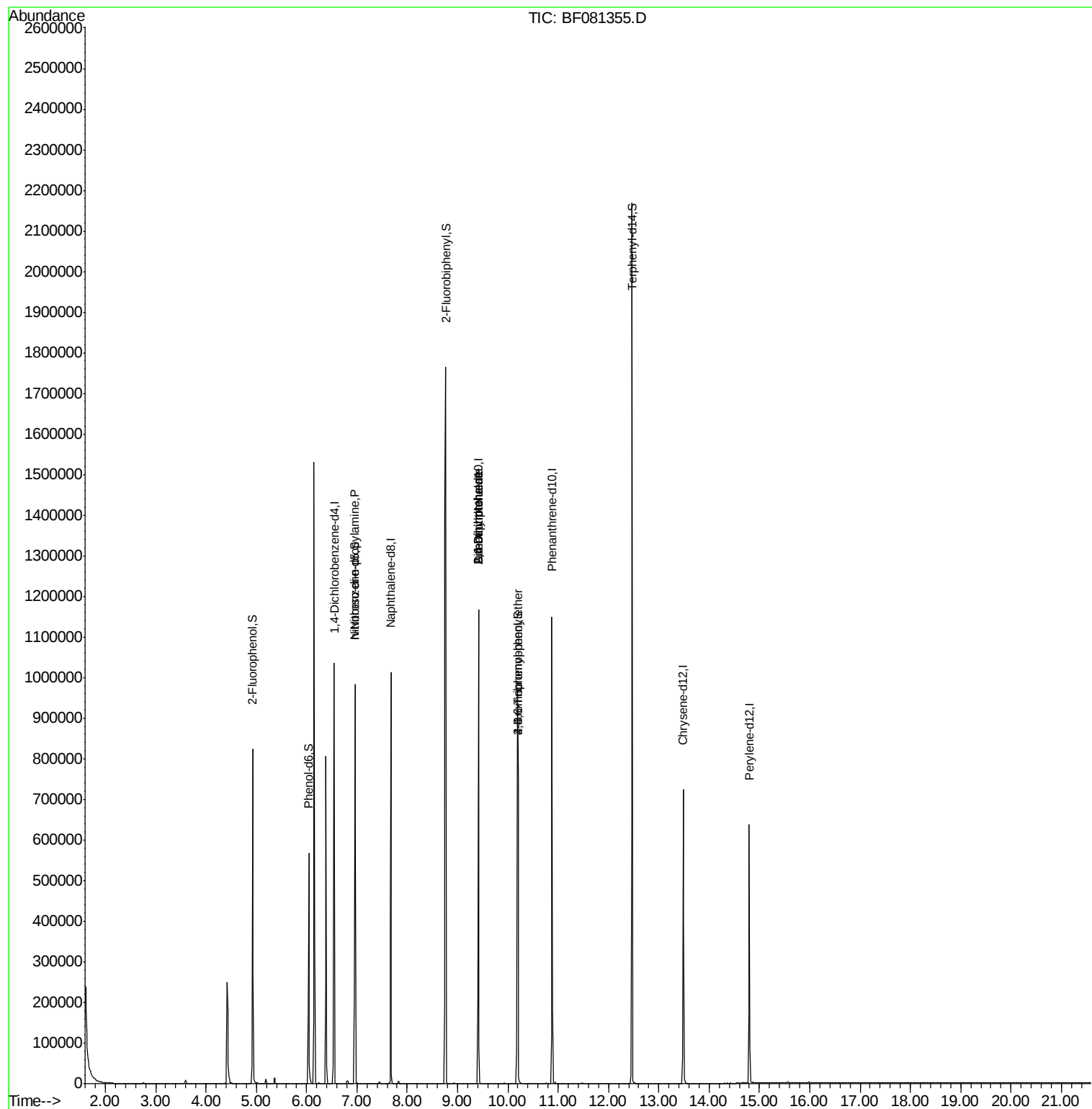
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.55	152	231045	20.00	ng	0.16
21) Naphthalene-d8	7.68	136	467415	20.00	ng	0.00
38) Acenaphthene-d10	9.42	164	213796	20.00	ng	0.00
63) Phenanthrene-d10	10.88	188	395438	20.00	ng	0.00
75) Chrysene-d12	13.49	240	312814	20.00	ng	-0.01
86) Perylene-d12	14.80	264	231726	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.92	112	212145	14.25	ng	0.00
7) Phenol-d6	6.04	99	195057	9.90	ng	-0.01
23) Nitrobenzene-d5	6.96	82	426575	44.03	ng	-0.01
41) 2,4,6-Tribromophenol	10.20	330	141511	74.34	ng	0.00
44) 2-Fluorobiphenyl	8.76	172	791548	47.45	ng	0.00
78) Terphenyl-d14	12.47	244	660399	49.14	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.96	70	57965	4.32	ng	# 64
49) Dimethylphthalate	9.42	163	58692	3.53	ng	# 1
50) 2,6-Dinitrotoluene	9.42	165	27672	7.34	ng	# 38
56) 2,4-Dinitrotoluene	9.42	165	27672	5.76	ng	# 33
66) 4-Bromophenyl-phenylether	10.20	248	9668	2.42	ng	# 1

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

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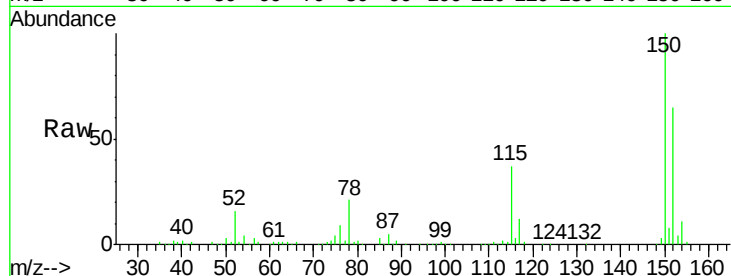


#1

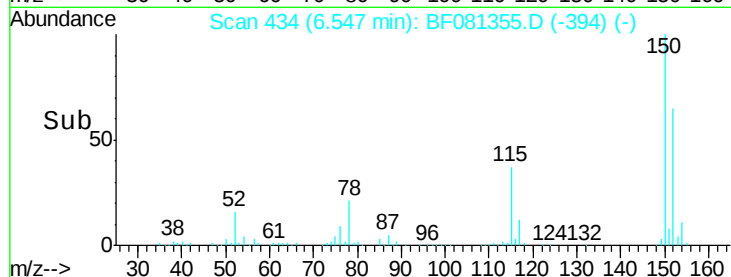
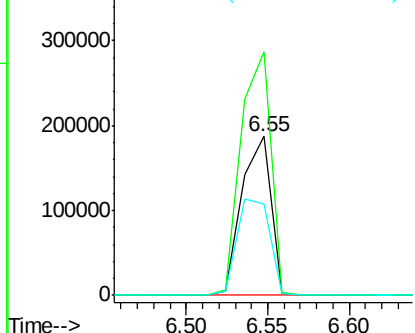
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.55 min Scan# 434
Delta R.T. 0.16 min
Lab File: BF081355.D
Acq: 2 Sep 2015 18:39

Instrument :
BNA_F
ClientSampleId :
FB-082815

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.5	124.7	187.1
115	57.3	39.0	58.4



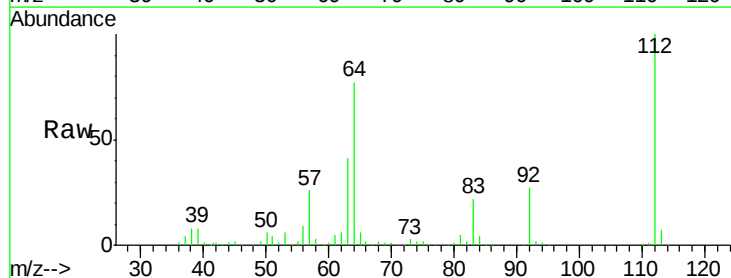
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



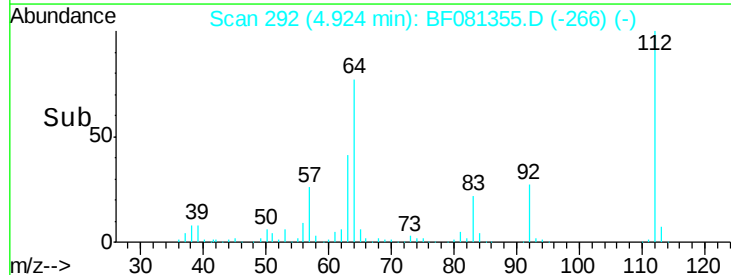
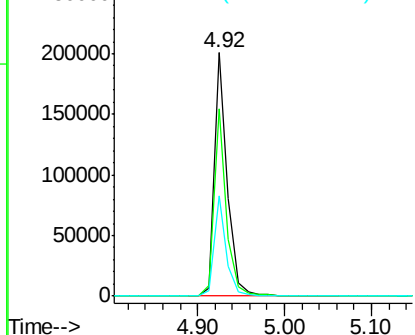
#5

2-Fluorophenol
Concen: 14.25 ng
RT: 4.92 min Scan# 292
Delta R.T. -0.00 min
Lab File: BF081355.D
Acq: 2 Sep 2015 18:39

Tgt Ion	Ratio	Lower	Upper
112	100		
64	77.1	39.7	59.5#
63	41.4	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: 9.90 ng

RT: 6.04 min Scan# 390

Delta R.T. -0.01 min

Lab File: BF081355.D

Acq: 2 Sep 2015 18:39

Instrument :

BNA_F

ClientSampled :

FB-082815

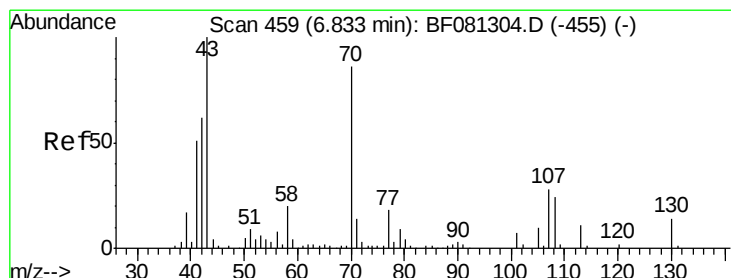
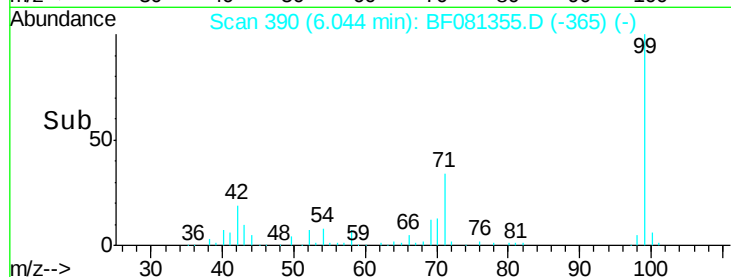
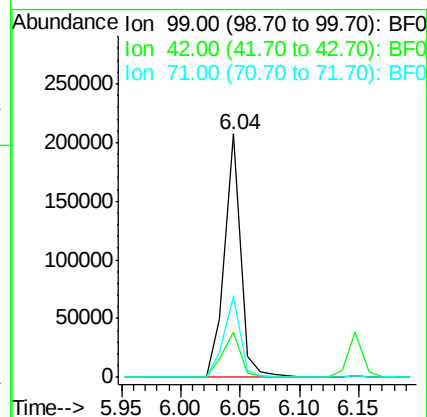
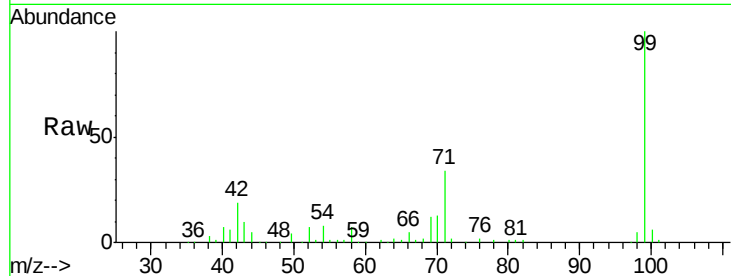
Tot Ion: 99 Resp: 195057

Ion Ratio Lower Upper

99 100

42 18.6 13.7 20.5

71 33.6 14.2 21.2#



#19

n-Nitroso-di-n-propylamine

Concen: 4.32 ng

RT: 6.96 min Scan# 470

Delta R.T. 0.13 min

Lab File: BF081355.D

Acq: 2 Sep 2015 18:39

Tgt Ion: 70 Resp: 57965

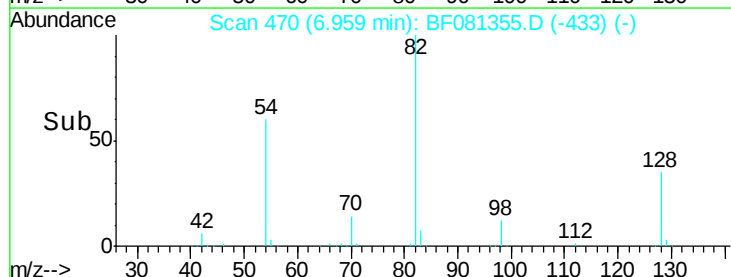
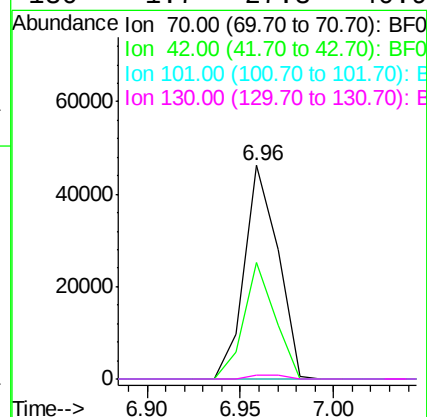
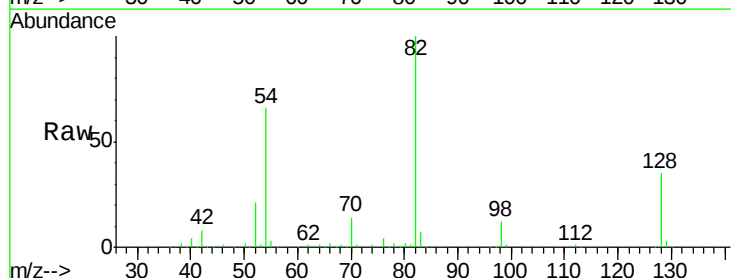
Ion Ratio Lower Upper

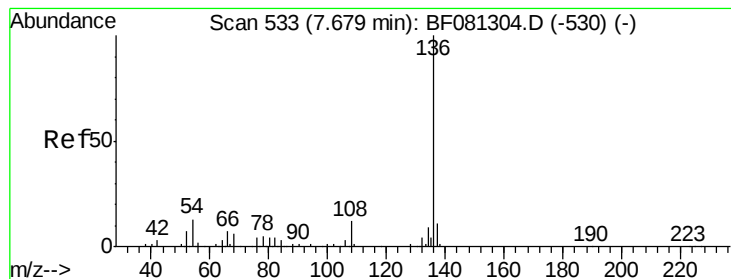
70 100

42 54.4 63.8 95.6#

101 0.0 9.2 13.8#

130 1.7 27.3 40.9#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.68 min Scan# 533

Delta R.T. -0.00 min

Lab File: BF081355.D

Acq: 2 Sep 2015 18:39

Instrument :

BNA_F

ClientSampleId :

FB-082815

Tot Ion:136 Resp: 467415

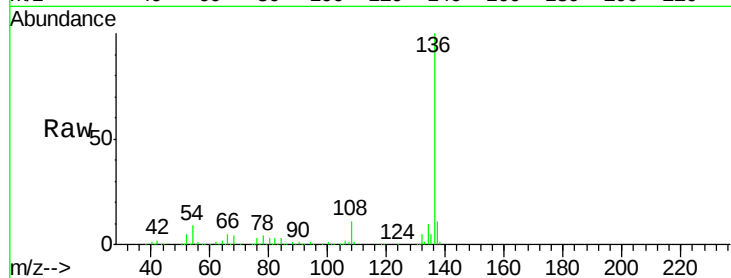
Ion Ratio Lower Upper

136 100

137 10.9 9.0 13.6

54 9.4 8.2 12.2

68 4.4 5.8 8.6#

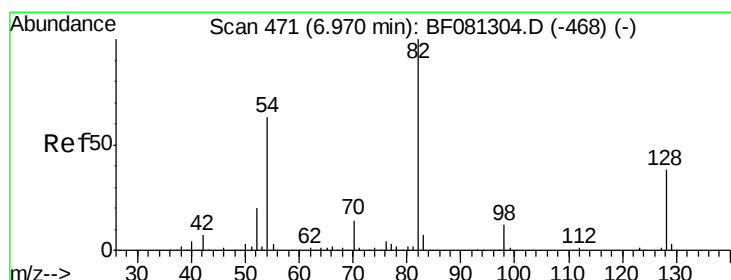
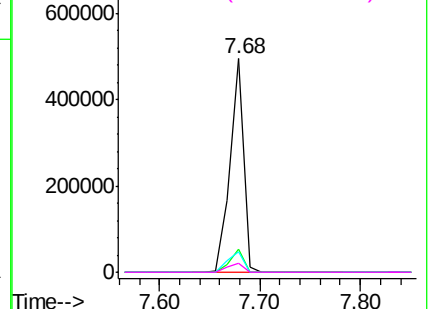
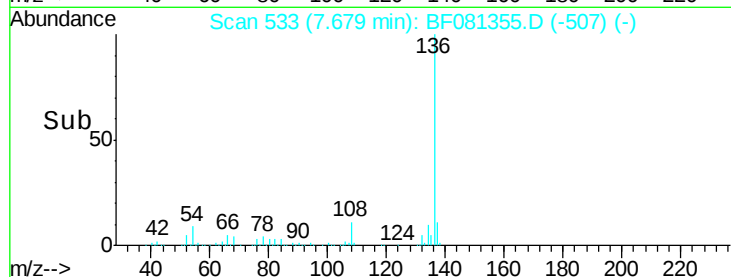


Abundance Ion 136.00 (135.70 to 136.70): E

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: 44.03 ng

RT: 6.96 min Scan# 470

Delta R.T. -0.01 min

Lab File: BF081355.D

Acq: 2 Sep 2015 18:39

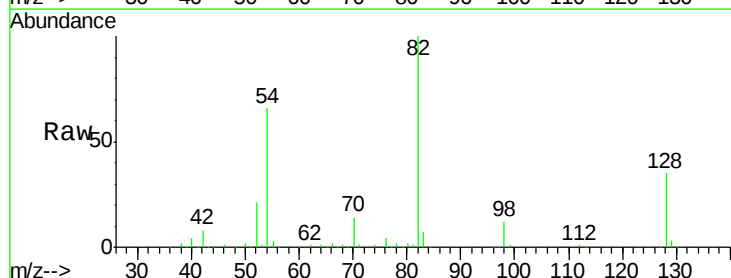
Tgt Ion: 82 Resp: 426575

Ion Ratio Lower Upper

82 100

128 35.4 51.0 76.6#

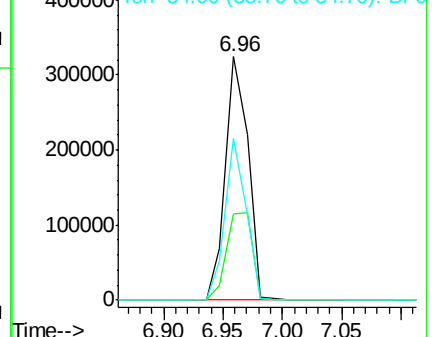
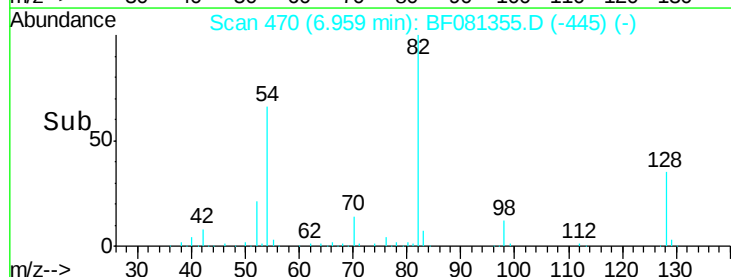
54 66.2 47.5 71.3

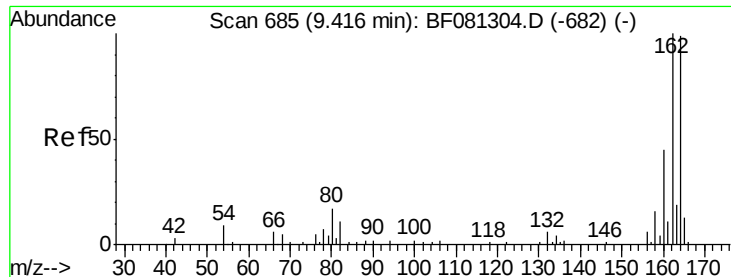


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 9.42 min Scan# 685

Delta R.T. -0.00 min

Lab File: BF081355.D

Acq: 2 Sep 2015 18:39

Instrument :

BNA_F

ClientSampleId :

FB-082815

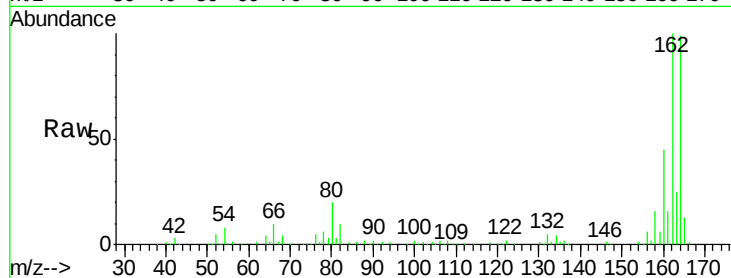
Tot Ion:164 Resp: 213796

Ion Ratio Lower Upper

164 100

162 101.5 75.2 112.8

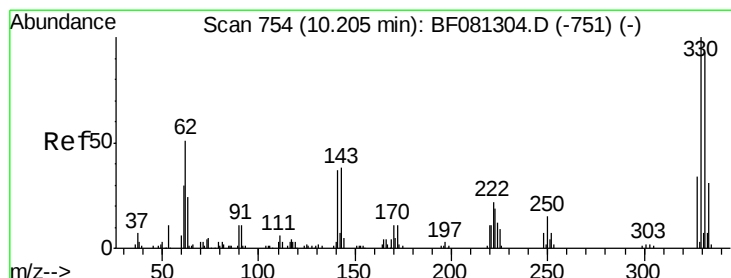
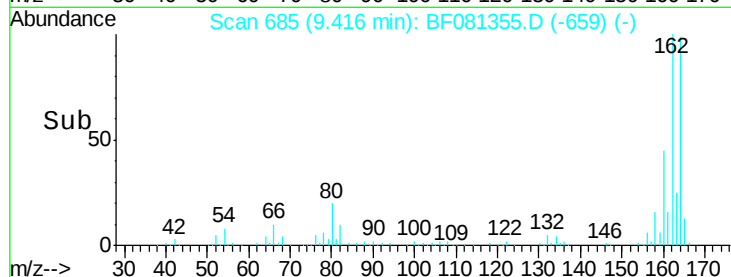
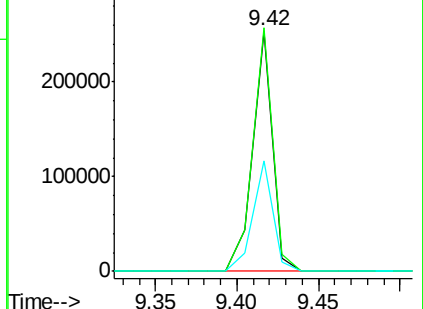
160 45.9 31.5 47.3



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: 74.34 ng

RT: 10.20 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF081355.D

Acq: 2 Sep 2015 18:39

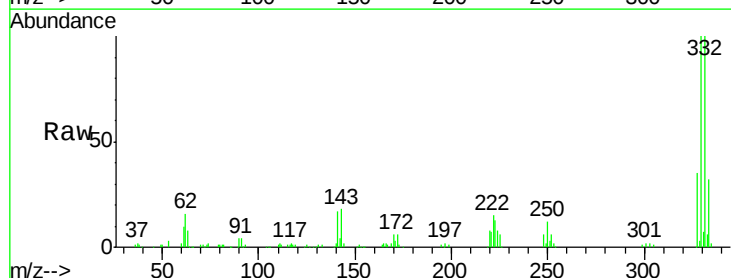
Tgt Ion:330 Resp: 141511

Ion Ratio Lower Upper

330 100

332 99.9 76.6 114.8

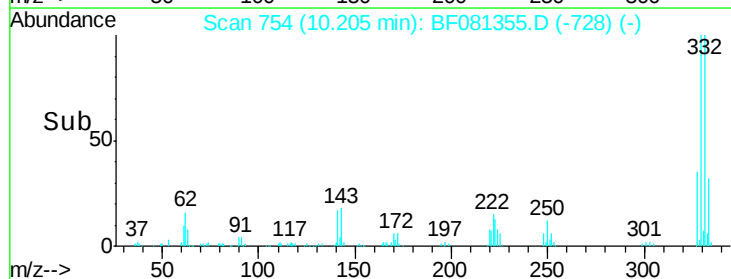
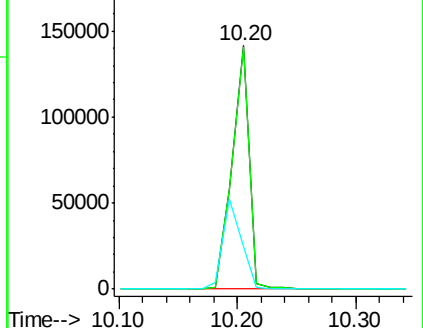
141 39.7 29.7 44.5



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

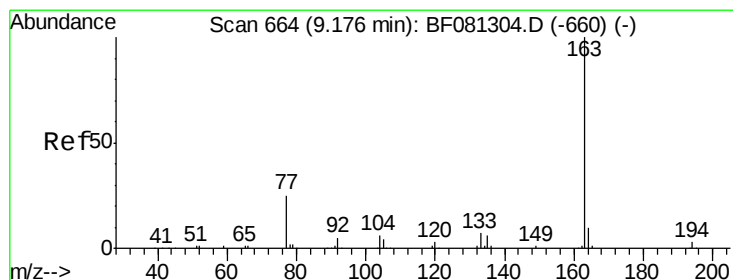
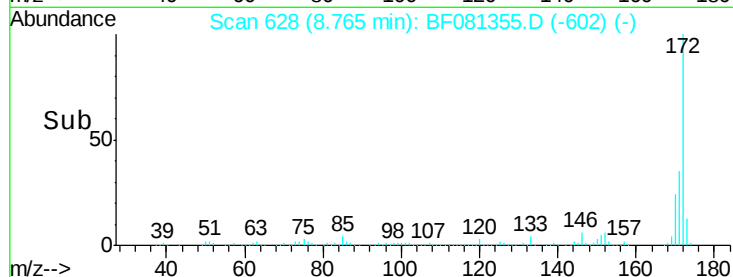
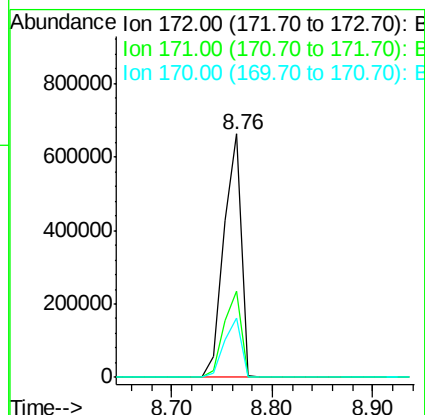
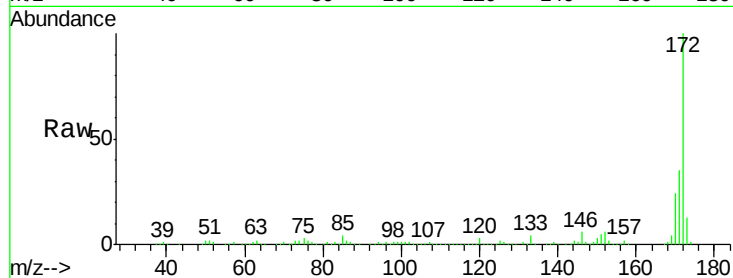




#44
 2-Fluorobiphenyl
 Concen: 47.45 ng
 RT: 8.76 min Scan# 628
 Delta R.T. -0.00 min
 Lab File: BF081355.D
 Acq: 2 Sep 2015 18:39

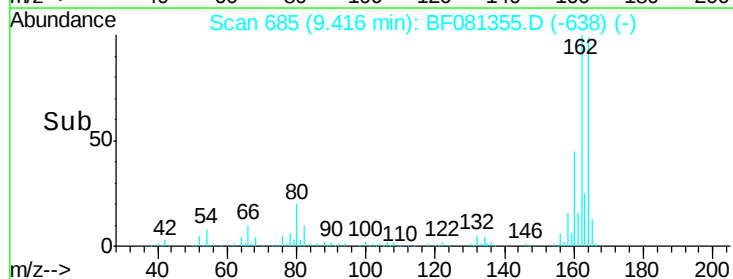
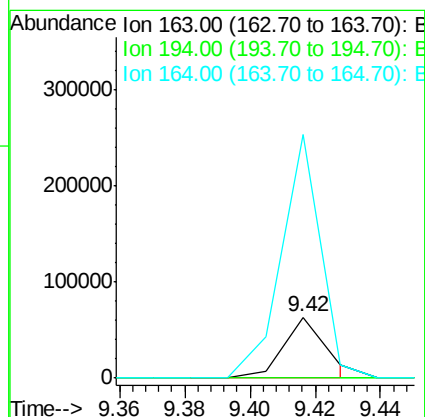
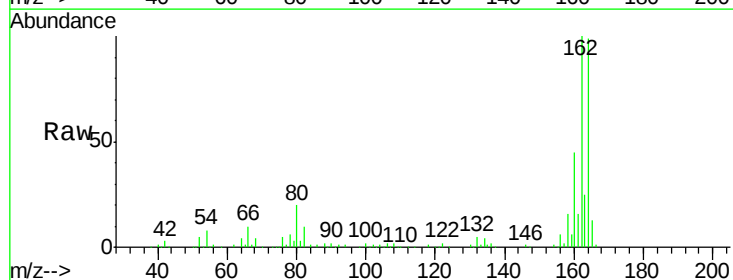
Instrument :
 BNA_F
 ClientSampleId :
 FB-082815

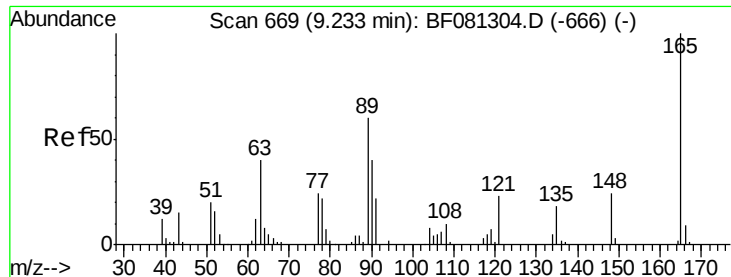
Tot Ion:172 Resp: 791548
 Ion Ratio Lower Upper
 172 100
 171 35.3 26.1 39.1
 170 24.1 17.4 26.2



#49
 Dimethylphthalate
 Concen: 3.53 ng
 RT: 9.42 min Scan# 685
 Delta R.T. 0.24 min
 Lab File: BF081355.D
 Acq: 2 Sep 2015 18:39

Tgt Ion:163 Resp: 58692
 Ion Ratio Lower Upper
 163 100
 194 0.0 4.4 6.6#
 164 399.4 8.3 12.5#

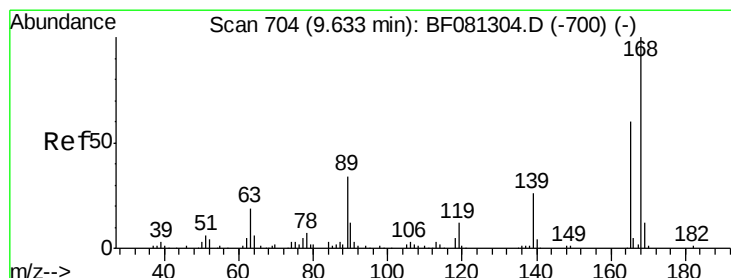
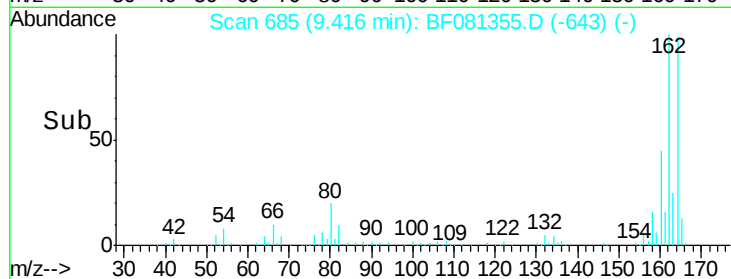
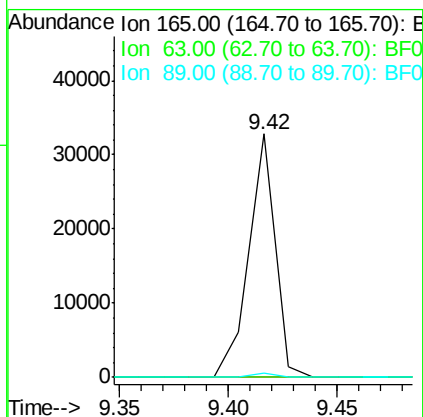
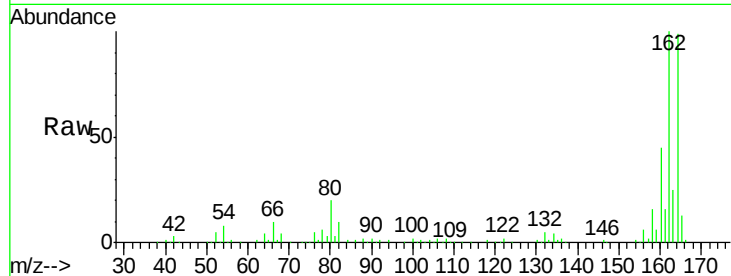




#50
 2,6-Dinitrotoluene
 Concen: 7.34 ng
 RT: 9.42 min Scan# 685
 Delta R.T. 0.18 min
 Lab File: BF081355.D
 Acq: 2 Sep 2015 18:39

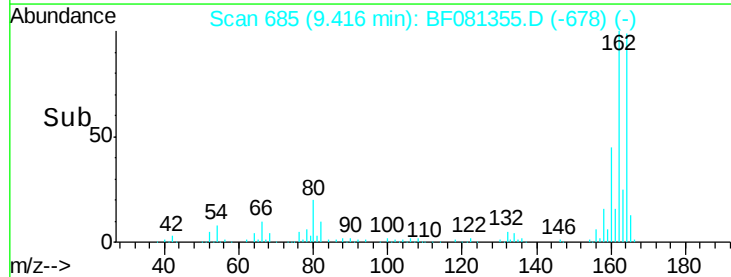
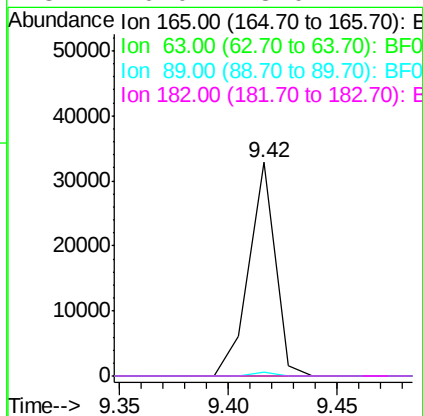
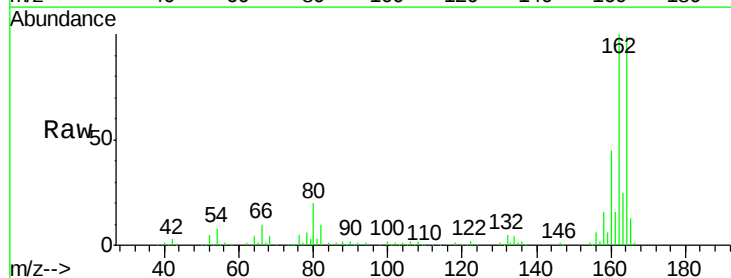
Instrument :
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 ClientSampleId :
 FB-082815

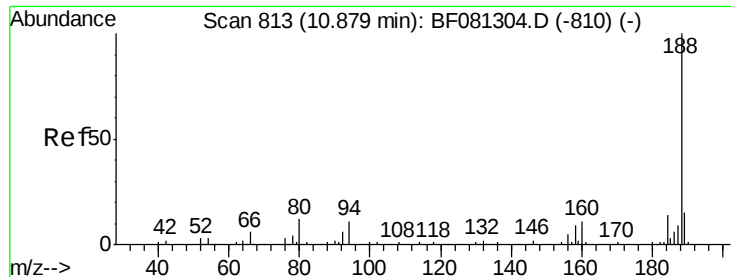
Tot Ion:165 Resp: 27672
 Ion Ratio Lower Upper
 165 100
 63 0.0 32.3 48.5#
 89 1.5 28.6 43.0#



#56
 2,4-Dinitrotoluene
 Concen: 5.76 ng
 RT: 9.42 min Scan# 685
 Delta R.T. -0.22 min
 Lab File: BF081355.D
 Acq: 2 Sep 2015 18:39

Tgt Ion:165 Resp: 27672
 Ion Ratio Lower Upper
 165 100
 63 0.0 29.8 44.6#
 89 1.5 44.5 66.7#
 182 0.0 3.0 4.4#

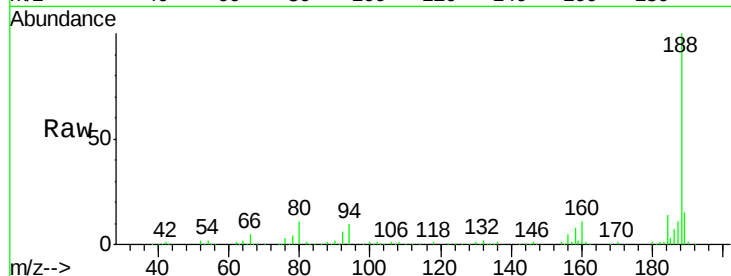




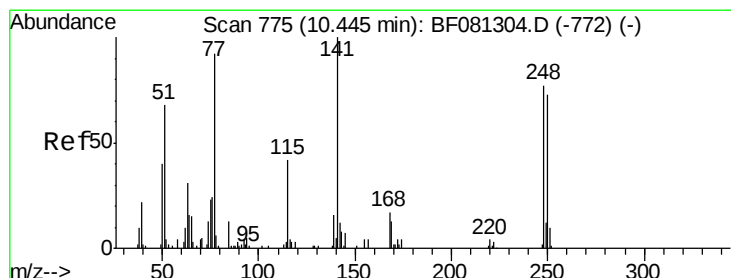
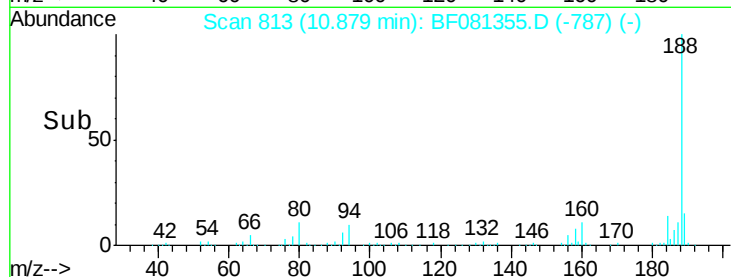
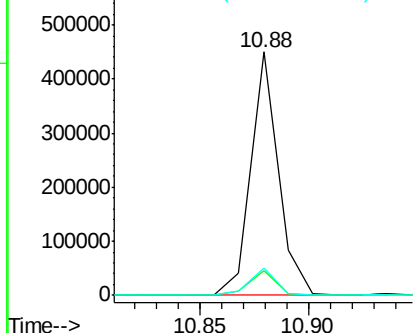
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 10.88 min Scan# 813
 Delta R.T. -0.00 min
 Lab File: BF081355.D
 Acq: 2 Sep 2015 18:39

Instrument :
 BNA_F
 ClientSampleId :
 FB-082815

Tot Ion:188 Resp: 395438
 Ion Ratio Lower Upper
 188 100
 94 10.2 11.1 16.7#
 80 11.2 11.0 16.4

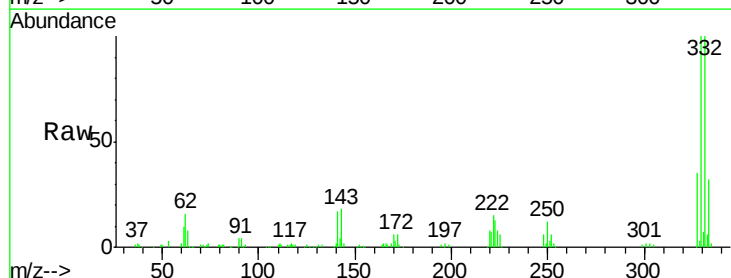


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

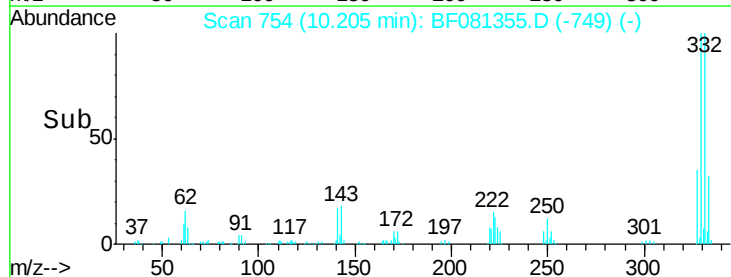
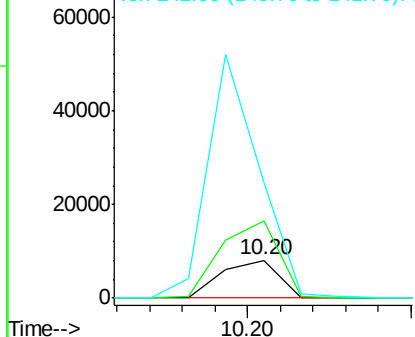


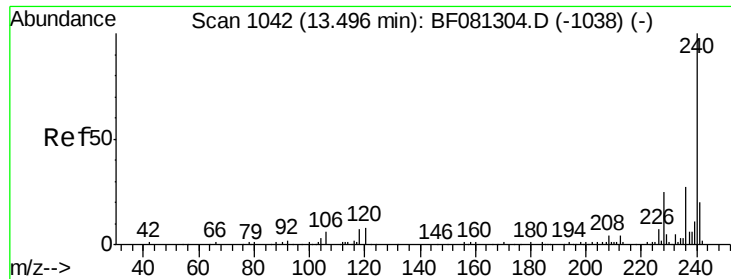
#66
 4-Bromophenyl-phenylether
 Concen: 2.42 ng
 RT: 10.20 min Scan# 754
 Delta R.T. -0.24 min
 Lab File: BF081355.D
 Acq: 2 Sep 2015 18:39

Tgt Ion:248 Resp: 9668
 Ion Ratio Lower Upper
 248 100
 250 205.9 78.5 117.7#
 141 304.8 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

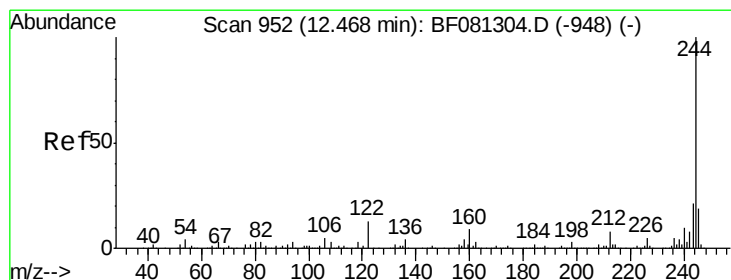
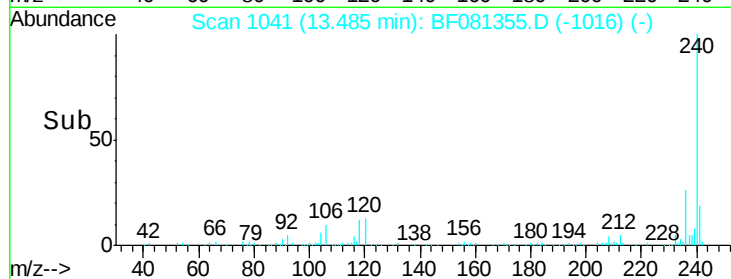
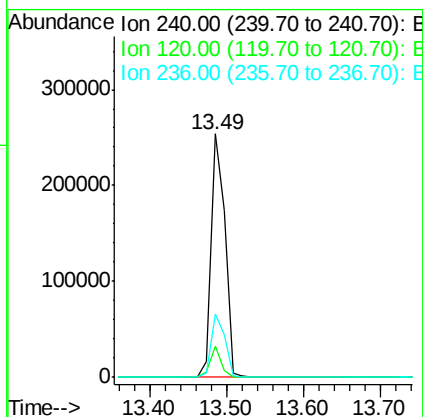
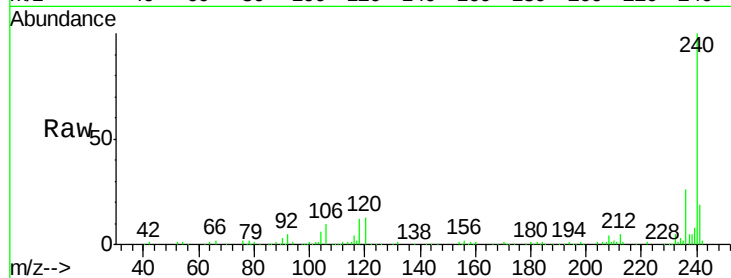




#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.49 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF081355.D
Acq: 2 Sep 2015 18:39

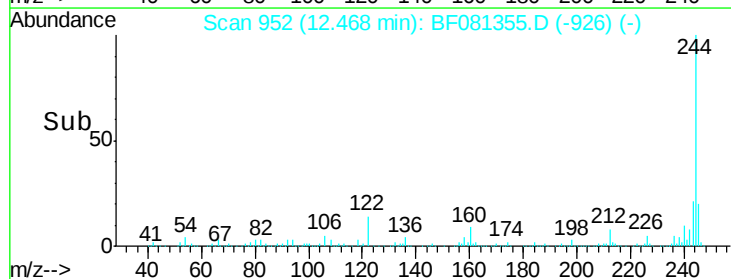
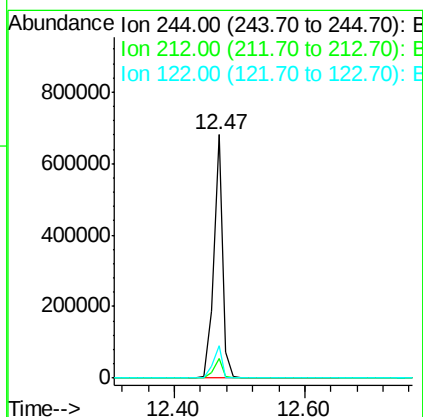
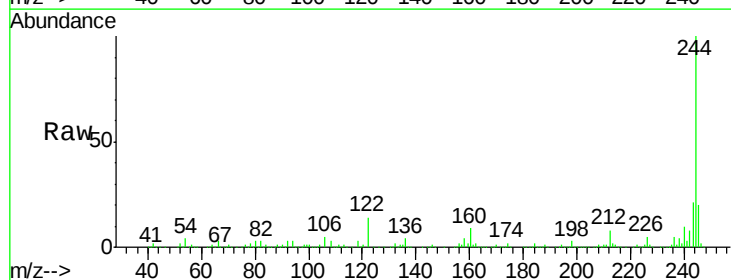
Instrument :
BNA_F
ClientSampleId :
FB-082815

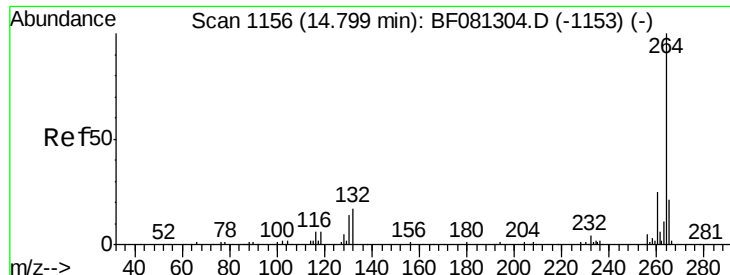
Tot Ion:240 Resp: 312814
Ion Ratio Lower Upper
240 100
120 13.0 16.2 24.2#
236 25.8 18.4 27.6



#78
Terphenyl-d14
Concen: 49.14 ng
RT: 12.47 min Scan# 952
Delta R.T. -0.00 min
Lab File: BF081355.D
Acq: 2 Sep 2015 18:39

Tgt Ion:244 Resp: 660399
Ion Ratio Lower Upper
244 100
212 8.1 4.3 6.5#
122 13.5 17.4 26.2#





#86

Pervlene-d12

Concen: 20.00 ng

RT: 14.80 min Scan# 1156

Delta R.T. -0.00 min

Lab File: BF081355.D

Acq: 2 Sep 2015 18:39

Instrument :

BNA_F

ClientSampleId :

FB-082815

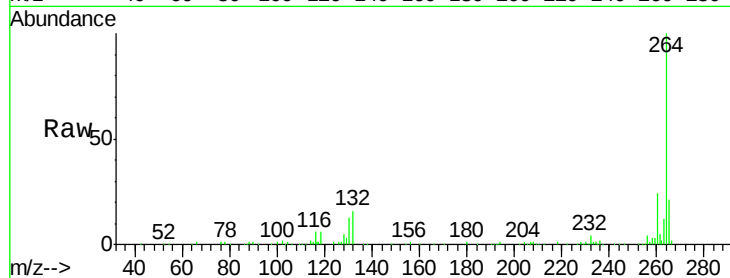
Tot Ion:264 Resp: 231726

Ion Ratio Lower Upper

264 100

260 24.4 16.7 25.1

265 21.1 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

