

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090415\
 Data File : BF081458.D
 Acq On : 5 Sep 2015 11:43
 Operator : UM/IZ
 Sample : G3511-21
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 07 02:48:55 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 02:47:26 2015
 Response via : Initial Calibration

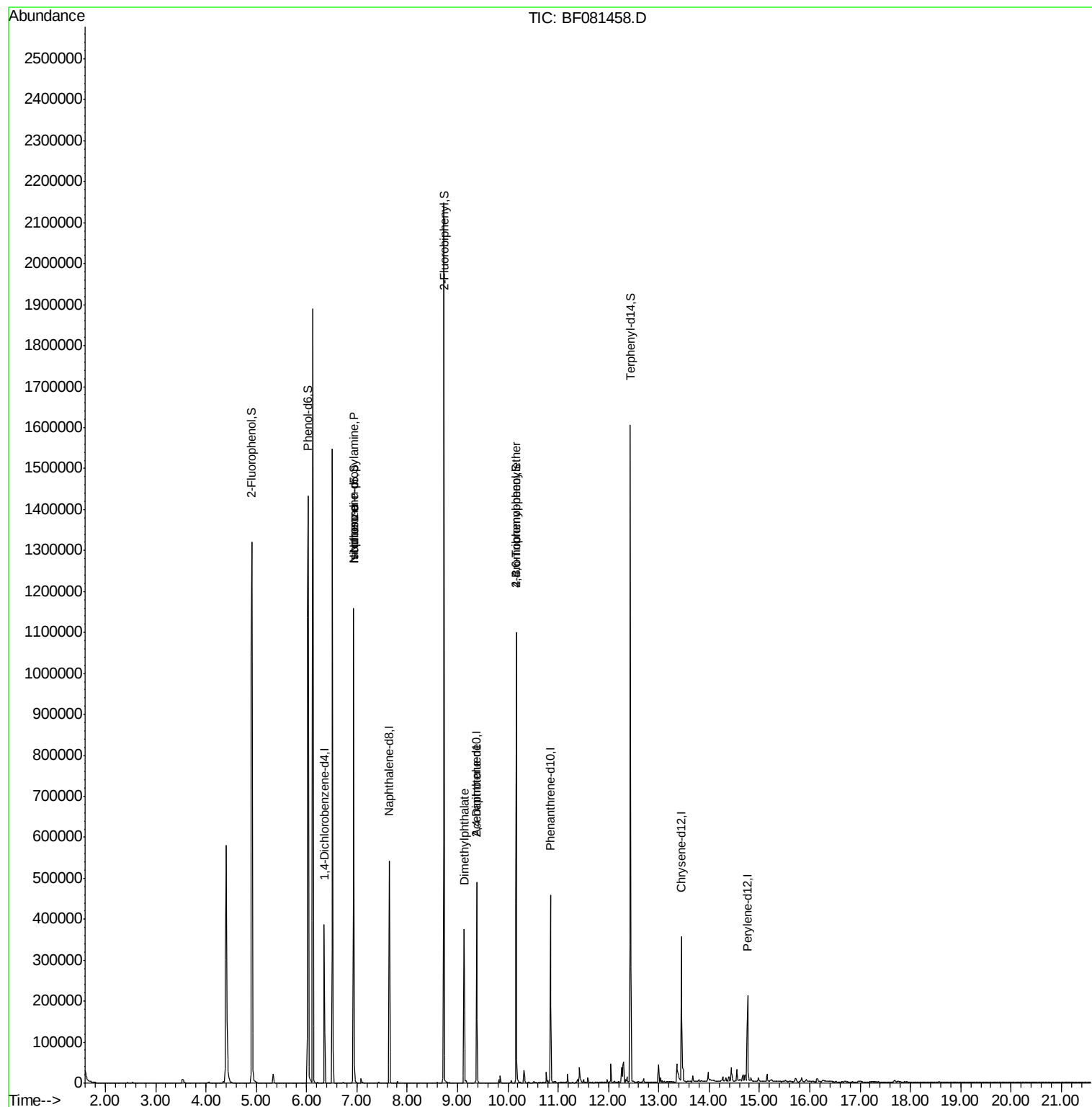
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.35	152	55785	20.00	ng	-0.01
21) Naphthalene-d8	7.64	136	216158	20.00	ng	-0.01
38) Acenaphthene-d10	9.38	164	98489	20.00	ng	-0.01
63) Phenanthrene-d10	10.84	188	187496	20.00	ng	-0.01
75) Chrysene-d12	13.45	240	134675	20.00	ng	-0.01
86) Perylene-d12	14.77	264	99337	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.91	112	453119	126.02	ng	0.02
7) Phenol-d6	6.03	99	647949	136.14	ng	0.00
23) Nitrobenzene-d5	6.94	82	382102	85.29	ng	-0.01
41) 2,4,6-Tribromophenol	10.17	330	108279	123.47	ng	-0.01
44) 2-Fluorobiphenyl	8.73	172	632896	82.35	ng	0.00
78) Terphenyl-d14	12.43	244	480333	83.02	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.94	70	52424	16.18	ng	# 62
25) Isophorone	6.94	82	280365	33.64	ng	# 58
49) Dimethylphthalate	9.13	163	137717	18.00	ng	# 97
56) 2,4-Dinitrotoluene	9.38	165	12672	5.73	ng	# 31
66) 4-Bromophenyl-phenylether	10.17	248	8271	4.36	ng	# 1

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

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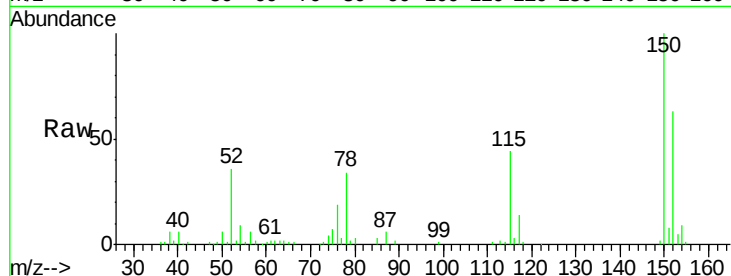


#1

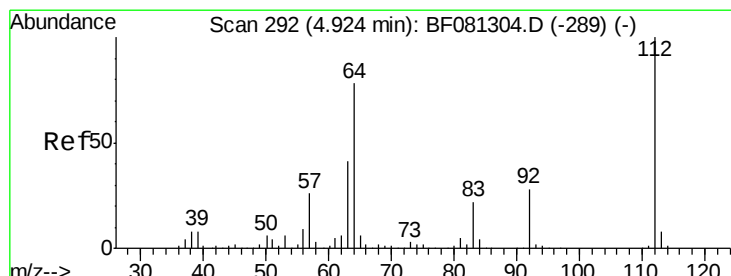
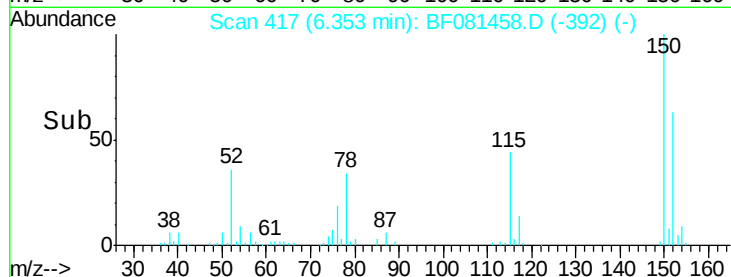
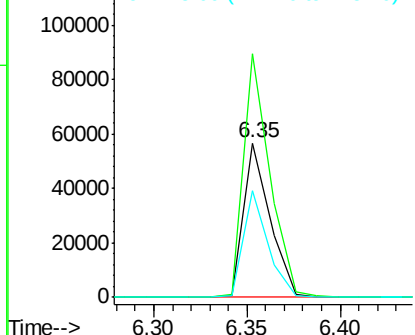
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.35 min Scan# 417
Delta R.T. -0.01 min
Lab File: BF081458.D
Acq: 5 Sep 2015 11:43

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 55785
Ion Ratio Lower Upper
152 100
150 157.7 124.7 187.1
115 69.4 39.0 58.4#



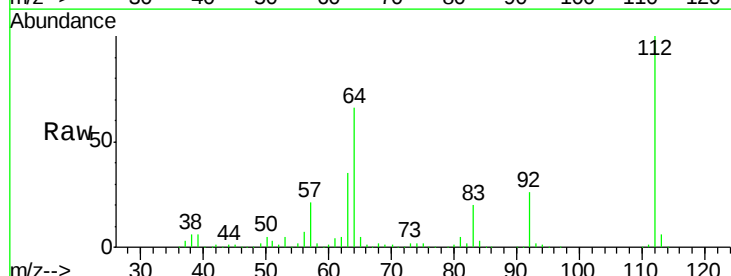
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



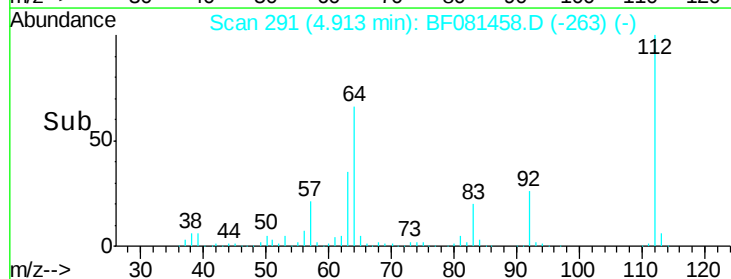
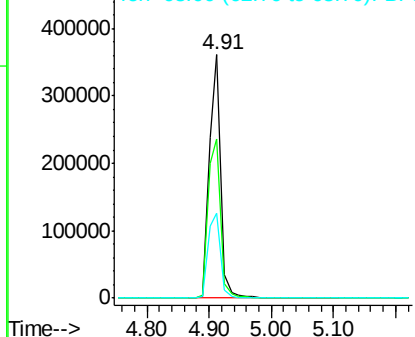
#5

2-Fluorophenol
Concen: 126.02 ng
RT: 4.91 min Scan# 291
Delta R.T. 0.02 min
Lab File: BF081458.D
Acq: 5 Sep 2015 11:43

Tgt Ion:112 Resp: 453119
Ion Ratio Lower Upper
112 100
64 65.6 39.7 59.5#
63 35.1 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: 136.14 ng

RT: 6.03 min Scan# 389

Delta R.T. 0.00 min

Lab File: BF081458.D

Acq: 5 Sep 2015 11:43

Instrument :

BNA_F

ClientSampleId :

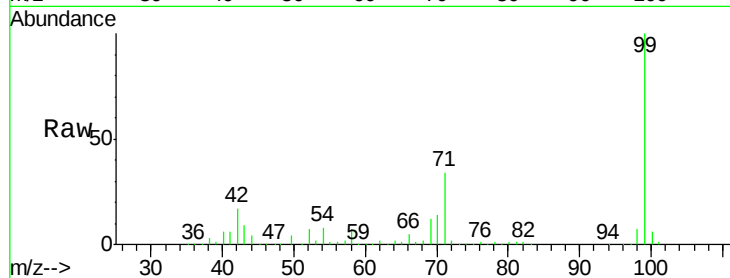
Tot Ion: 99 Resp: 647949

Ion Ratio Lower Upper

99 100

42 17.5 13.7 20.5

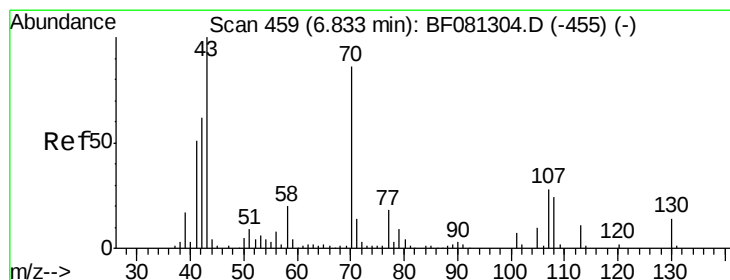
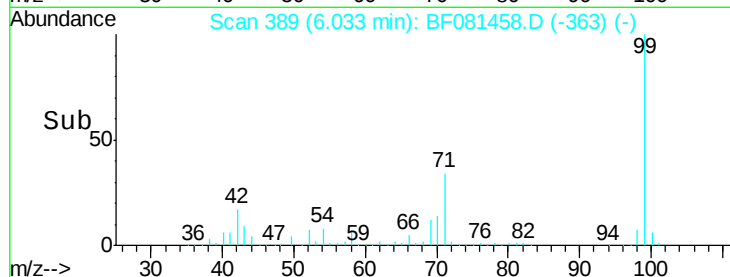
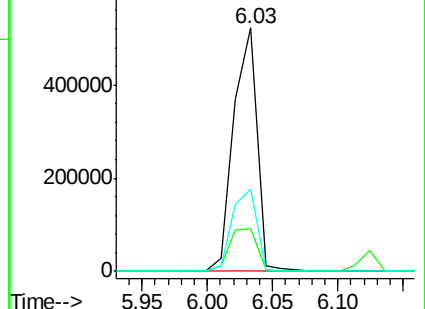
71 33.7 14.2 21.2#



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: 16.18 ng

RT: 6.94 min Scan# 468

Delta R.T. 0.13 min

Lab File: BF081458.D

Acq: 5 Sep 2015 11:43

Tgt Ion: 70 Resp: 52424

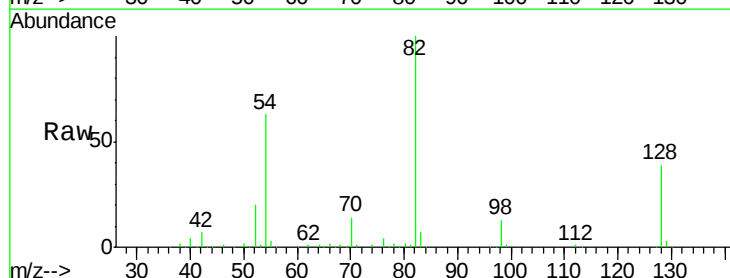
Ion Ratio Lower Upper

70 100

42 52.4 63.8 95.6#

101 0.0 9.2 13.8#

130 1.9 27.3 40.9#

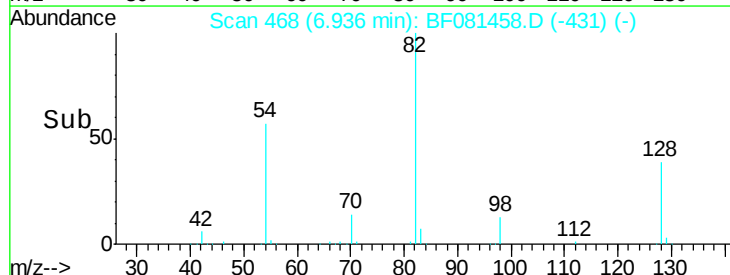
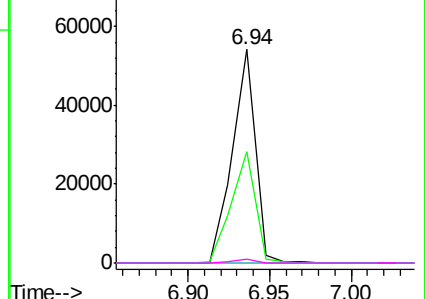


Abundance Ion 70.00 (69.70 to 70.70): BF0

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

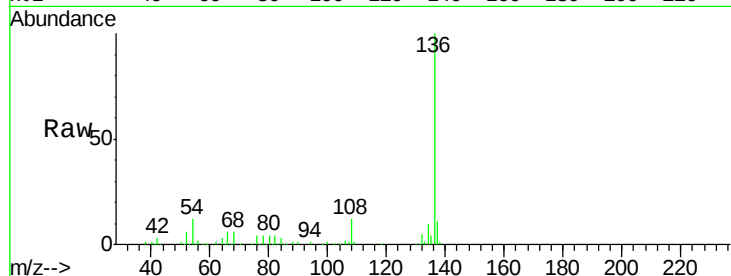
Delta R.T. -0.01 min

Lab File: BF081458.D

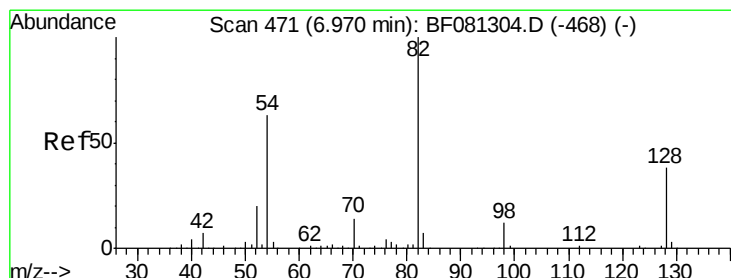
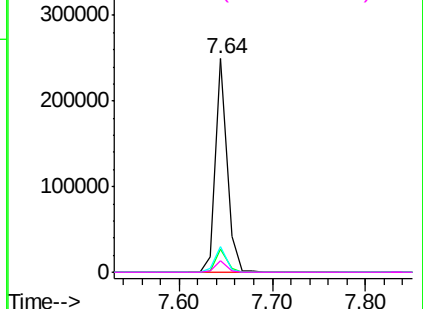
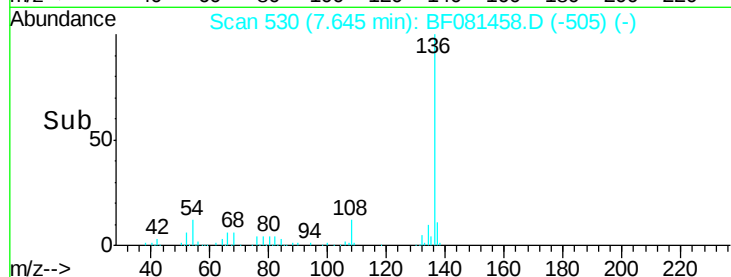
Acq: 5 Sep 2015 11:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	216158
Ion Ratio	Lower	Upper
136	100	
137	10.9	9.0 13.6
54	12.2	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: 85.29 ng

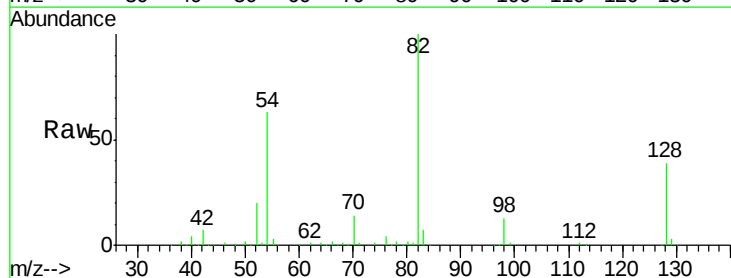
RT: 6.94 min Scan# 468

Delta R.T. -0.01 min

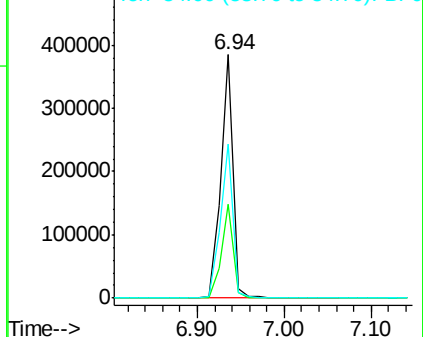
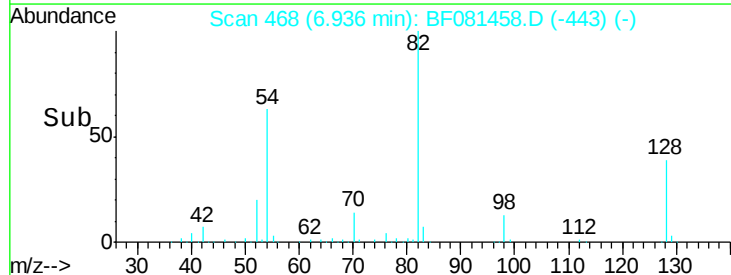
Lab File: BF081458.D

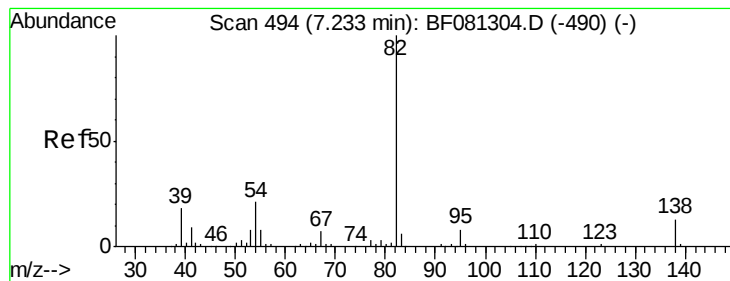
Acq: 5 Sep 2015 11:43

Tgt Ion: 82	Resp:	382102
Ion Ratio	Lower	Upper
82	100	
128	38.6	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





#25

Isophorone

Concen: 33.64 ng

RT: 6.94 min Scan# 468

Delta R.T. -0.27 min

Lab File: BF081458.D

Acq: 5 Sep 2015 11:43

Instrument :

BNA_F

ClientSampleId :

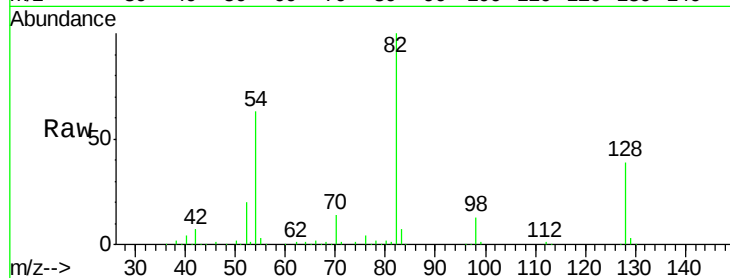
Tot Ion: 82 Resp: 280365

Ion Ratio Lower Upper

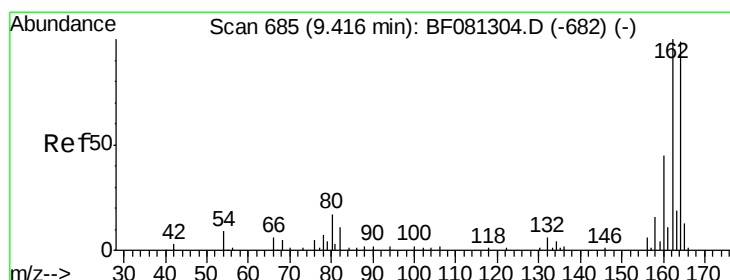
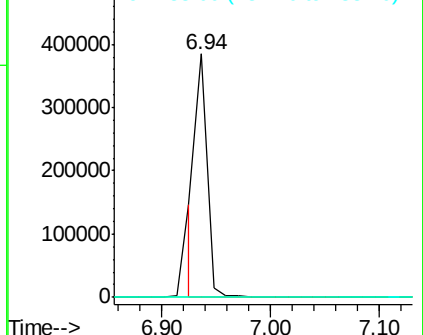
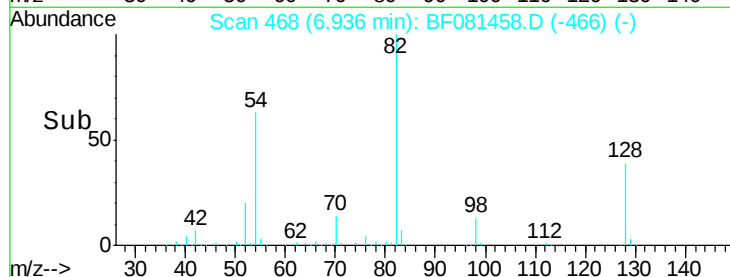
82 100

95 0.0 4.0 6.0#

138 0.0 18.3 27.5#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.38 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF081458.D

Acq: 5 Sep 2015 11:43

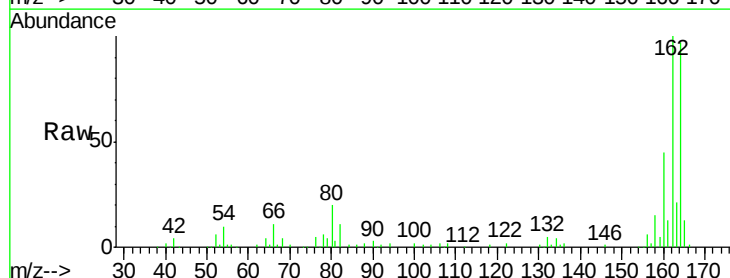
Tgt Ion: 164 Resp: 98489

Ion Ratio Lower Upper

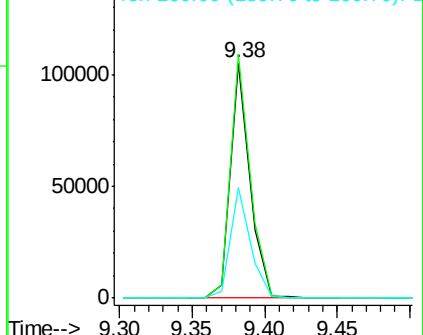
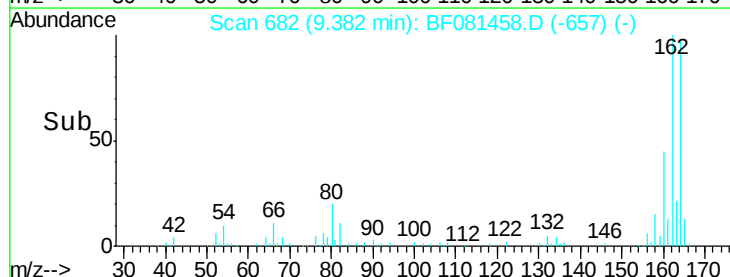
164 100

162 103.5 75.2 112.8

160 46.9 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

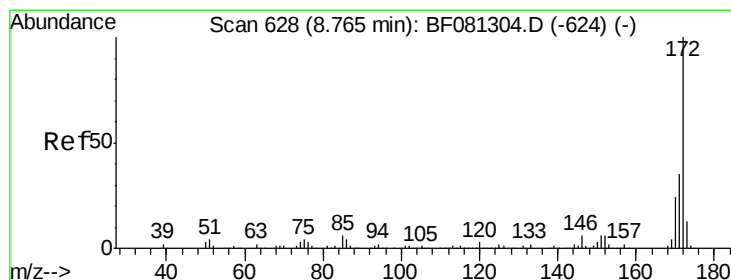
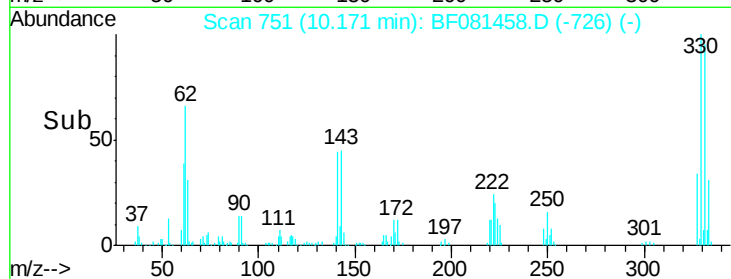
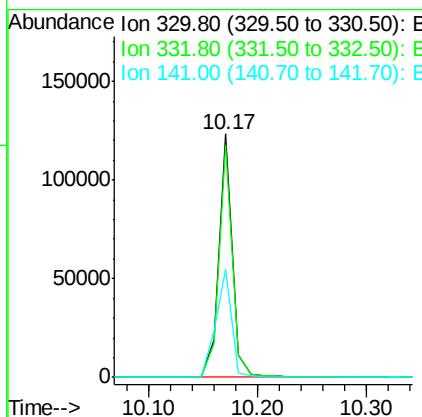
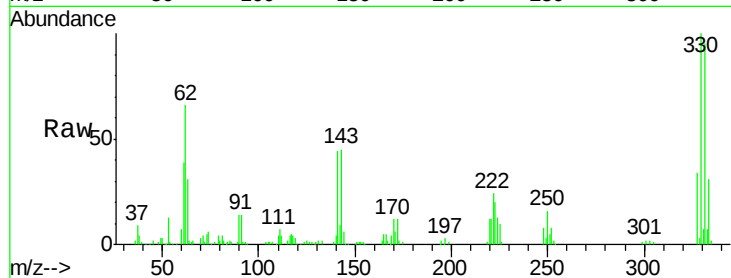




#41
 2,4,6-Tribromophenol
 Concen: 123.47 ng
 RT: 10.17 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: BF081458.D
 Acq: 5 Sep 2015 11:43

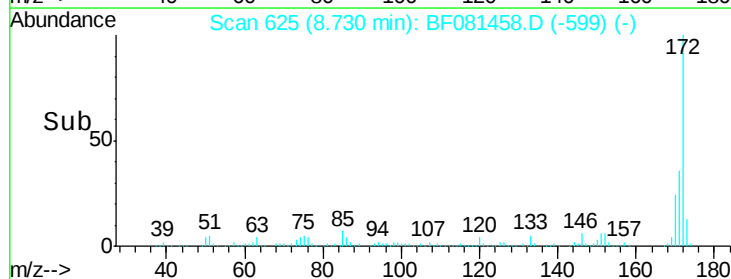
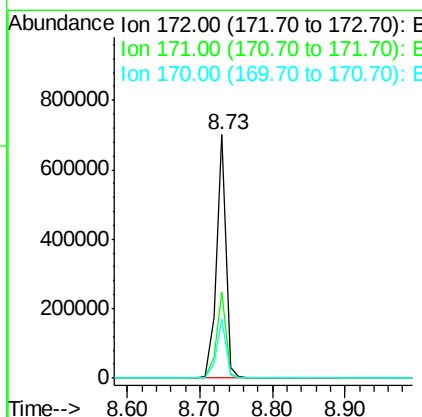
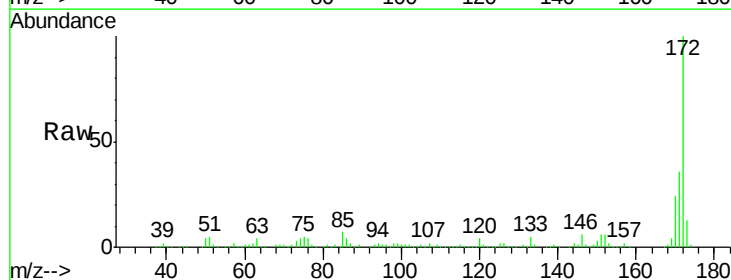
Instrument :
 BNA_F
 ClientSampleId :

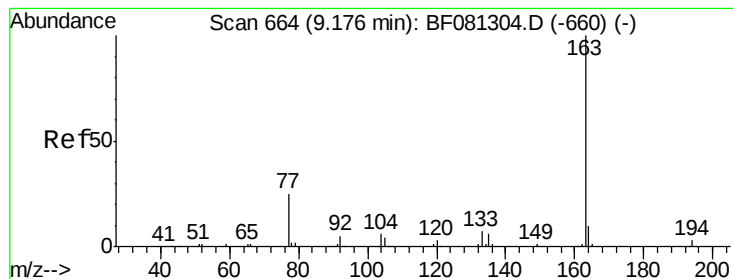
Tot Ion:330 Resp: 108279
 Ion Ratio Lower Upper
 330 100
 332 94.9 76.6 114.8
 141 51.9 29.7 44.5#



#44
 2-Fluorobiphenyl
 Concen: 82.35 ng
 RT: 8.73 min Scan# 625
 Delta R.T. 0.00 min
 Lab File: BF081458.D
 Acq: 5 Sep 2015 11:43

Tgt Ion:172 Resp: 632896
 Ion Ratio Lower Upper
 172 100
 171 35.5 26.1 39.1
 170 24.4 17.4 26.2





#49

Dimethylphthalate

Concen: 18.00 ng

RT: 9.13 min Scan# 660

Delta R.T. -0.02 min

Lab File: BF081458.D

Acq: 5 Sep 2015 11:43

Instrument :

BNA_F

ClientSampleId :

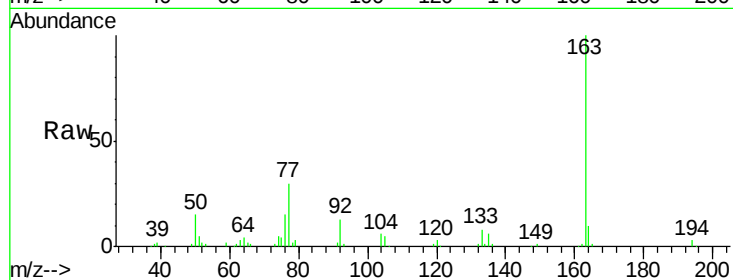
Tot Ion:163 Resp: 137717

Ion Ratio Lower Upper

163 100

194 3.1 4.4 6.6#

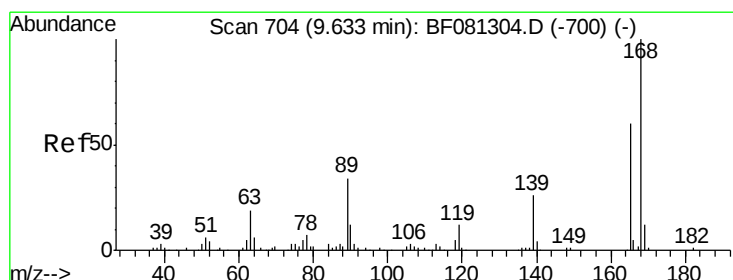
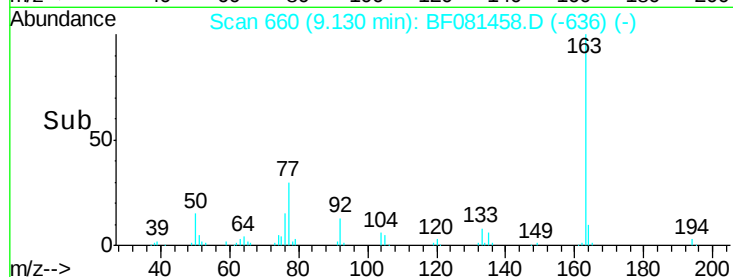
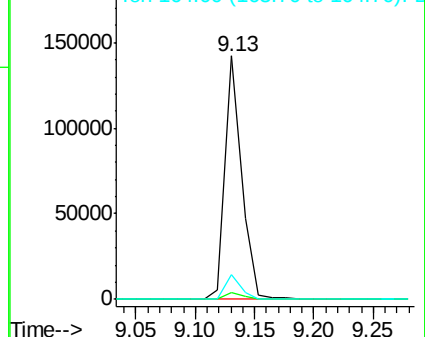
164 10.3 8.3 12.5



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



#56

2,4-Dinitrotoluene

Concen: 5.73 ng

RT: 9.38 min Scan# 682

Delta R.T. -0.22 min

Lab File: BF081458.D

Acq: 5 Sep 2015 11:43

Tgt Ion:165 Resp: 12672

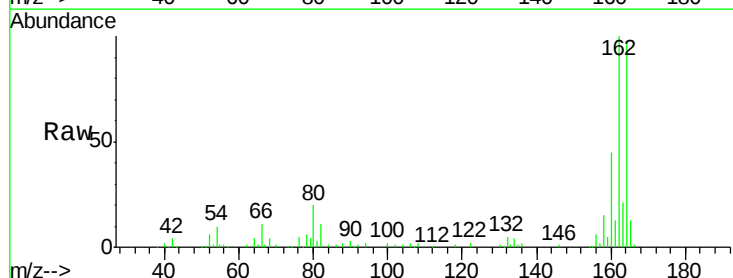
Ion Ratio Lower Upper

165 100

63 0.0 29.8 44.6#

89 0.0 44.5 66.7#

182 0.0 3.0 4.4#

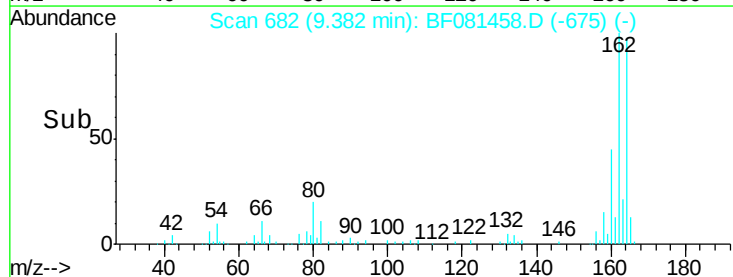
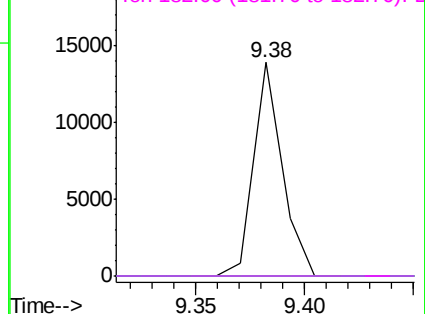


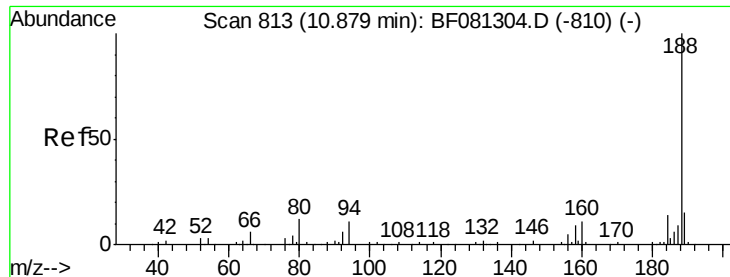
Abundance Ion 165.00 (164.70 to 165.70): E

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

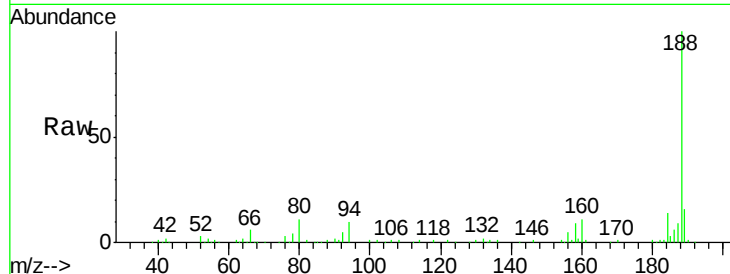




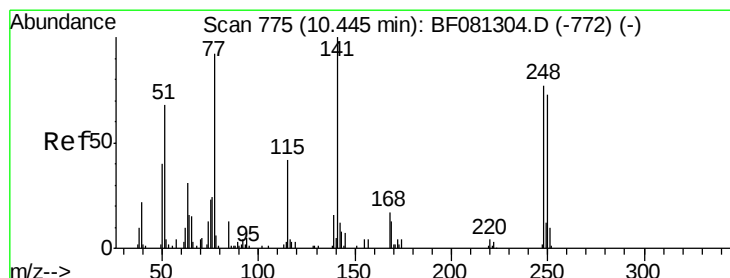
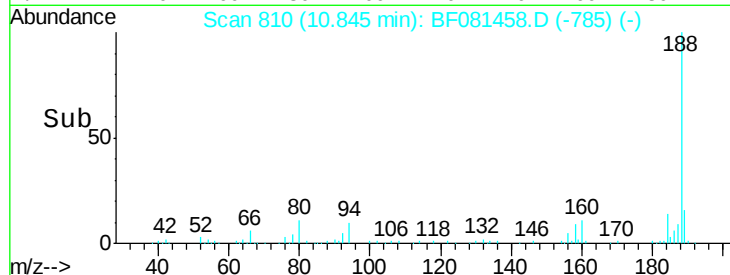
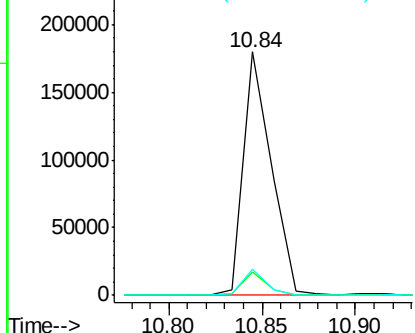
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.84 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF081458.D
Acq: 5 Sep 2015 11:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 187496
Ion Ratio Lower Upper
188 100
94 9.6 11.1 16.7#
80 10.8 11.0 16.4#

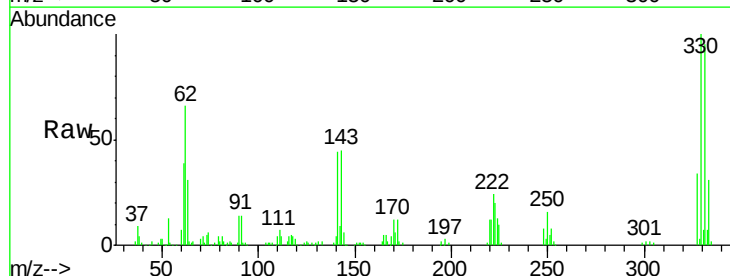


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

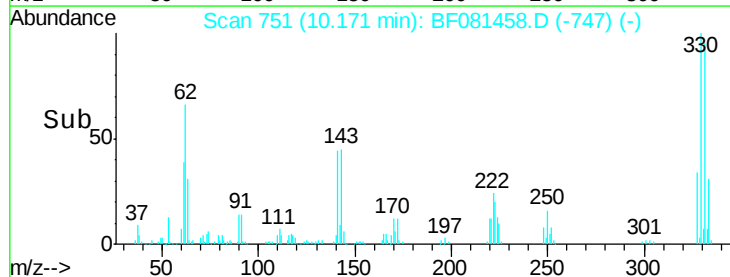
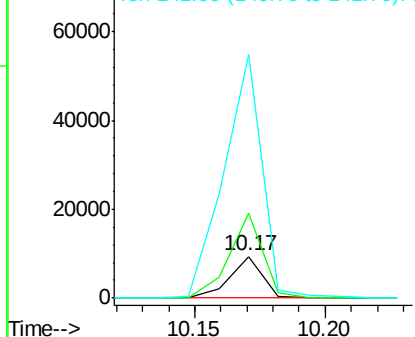


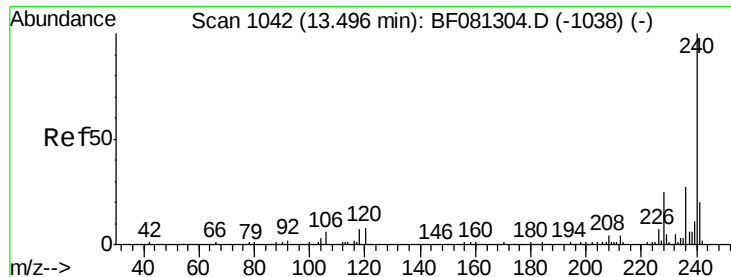
#66
4-Bromophenyl-phenylether
Concen: 4.36 ng
RT: 10.17 min Scan# 751
Delta R.T. -0.25 min
Lab File: BF081458.D
Acq: 5 Sep 2015 11:43

Tgt Ion:248 Resp: 8271
Ion Ratio Lower Upper
248 100
250 203.8 78.5 117.7#
141 580.9 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: BF081458.D

Acq: 5 Sep 2015 11:43

Instrument :

BNA_F

ClientSampleId :

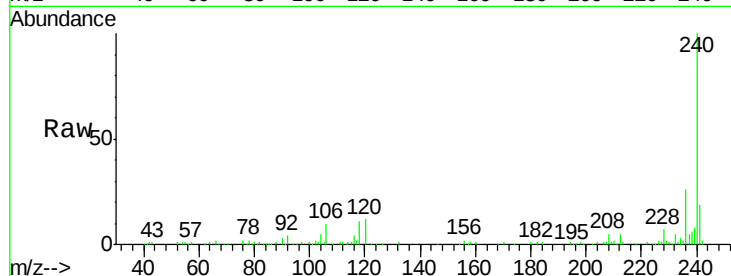
Tot Ion:240 Resp: 134675

Ion Ratio Lower Upper

240 100

120 12.4 16.2 24.2#

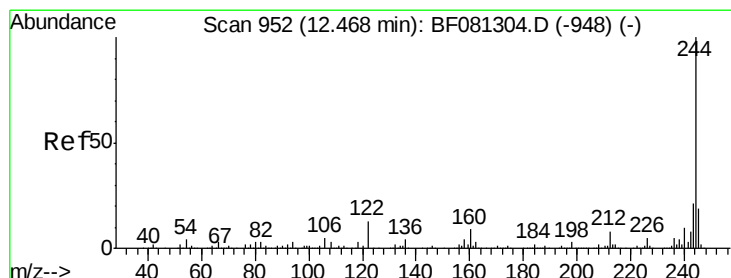
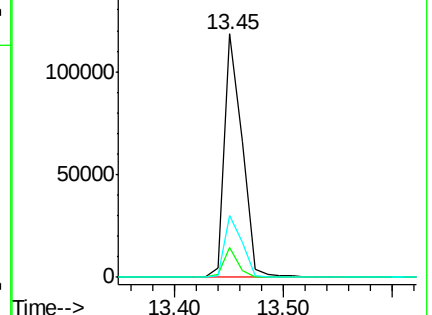
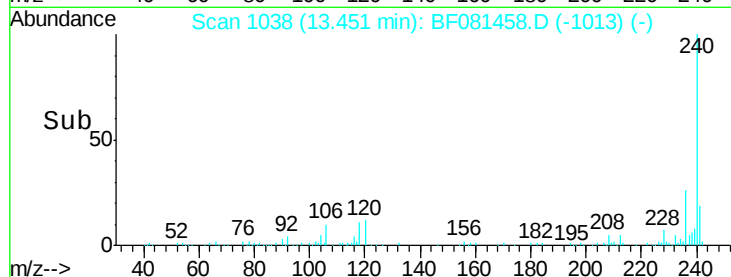
236 25.6 18.4 27.6



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: 83.02 ng

RT: 12.43 min Scan# 949

Delta R.T. 0.00 min

Lab File: BF081458.D

Acq: 5 Sep 2015 11:43

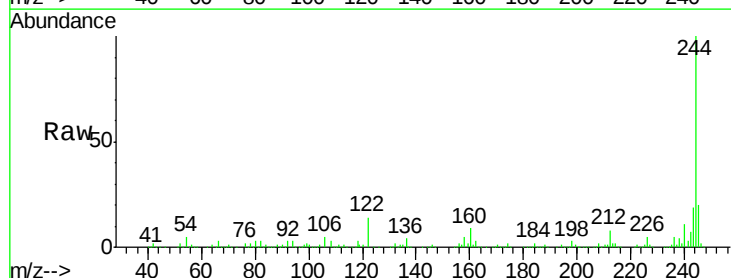
Tgt Ion:244 Resp: 480333

Ion Ratio Lower Upper

244 100

212 8.1 4.3 6.5#

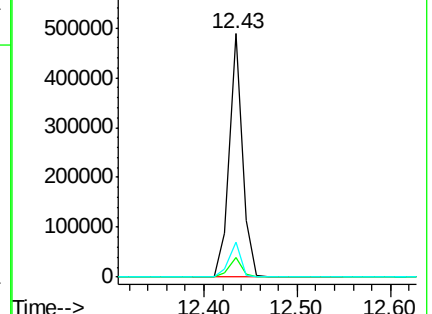
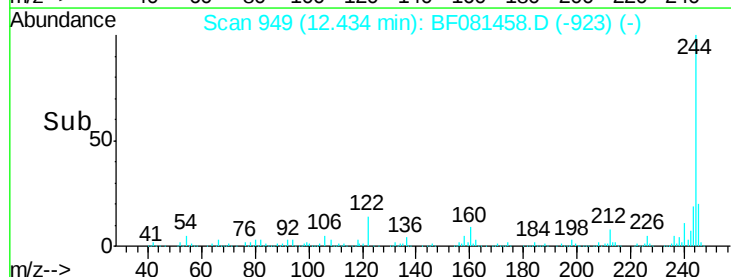
122 14.2 17.4 26.2#

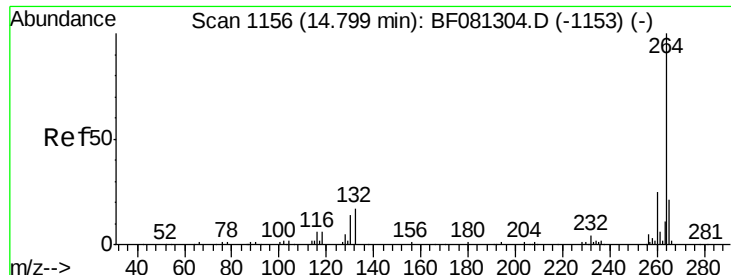


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

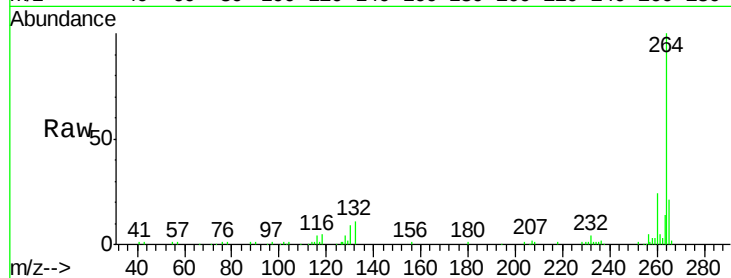




#86
Pervlene-d12
Concen: 20.00 ng
RT: 14.77 min Scan# 1153
Delta R.T. 0.00 min
Lab File: BF081458.D
Acq: 5 Sep 2015 11:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 99337
Ion Ratio Lower Upper
264 100
260 24.0 16.7 25.1
265 21.2 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

