

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090915\
 Data File : BF081558.D
 Acq On : 9 Sep 2015 18:07
 Operator : UM/IZ
 Sample : PB85436BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB85436BL

Quant Time: Sep 10 04:45:05 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 10 04:43:26 2015
 Response via : Initial Calibration

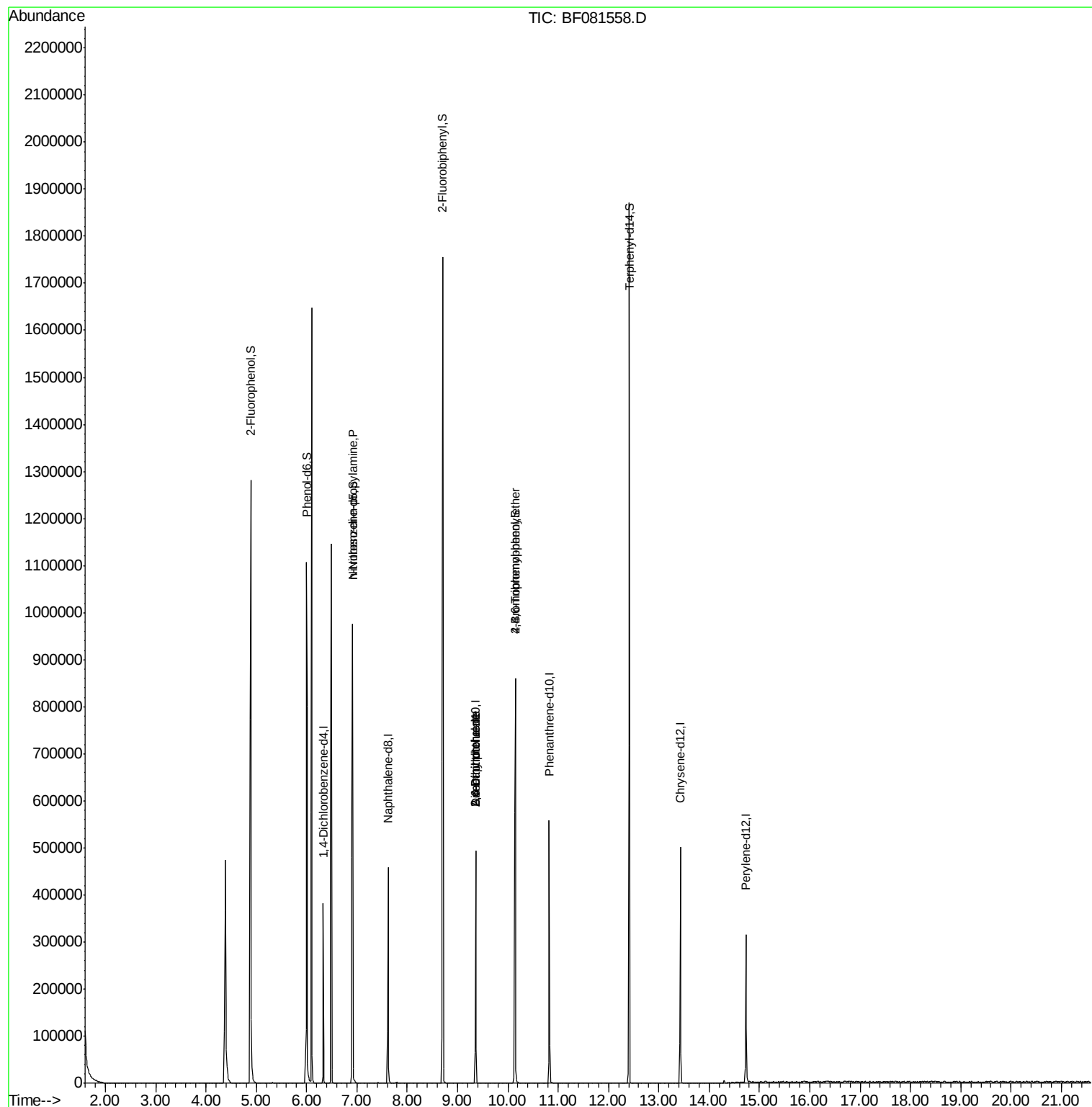
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.33	152	49842	20.00	ng	0.00
21) Naphthalene-d8	7.62	136	197414	20.00	ng	0.00
38) Acenaphthene-d10	9.36	164	93229	20.00	ng	-0.01
63) Phenanthrene-d10	10.82	188	196312	20.00	ng	-0.01
75) Chrysene-d12	13.43	240	174790	20.00	ng	-0.01
86) Perylene-d12	14.73	264	125136	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.89	112	380636	118.49	ng	0.02
7) Phenol-d6	6.00	99	485023	114.06	ng	-0.01
23) Nitrobenzene-d5	6.91	82	344860	84.28	ng	-0.01
41) 2,4,6-Tribromophenol	10.15	330	110491	133.10	ng	-0.01
44) 2-Fluorobiphenyl	8.71	172	595934	81.91	ng	0.00
78) Terphenyl-d14	12.41	244	588821	78.42	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.91	70	47852	16.53	ng	# 63
49) Dimethylphthalate	9.36	163	26440	3.65	ng	# 1
50) 2,6-Dinitrotoluene	9.36	165	11549	7.02	ng	# 37
56) 2,4-Dinitrotoluene	9.36	165	11549	5.52	ng	# 31
66) 4-Bromophenyl-phenylether	10.15	248	8616	4.34	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: 6.33 min Scan# 415

Delta R.T. -0.00 min

Lab File: BF081558.D

Acq: 9 Sep 2015 18:07

Instrument :

BNA_F

ClientSampleId :

PB85436BL

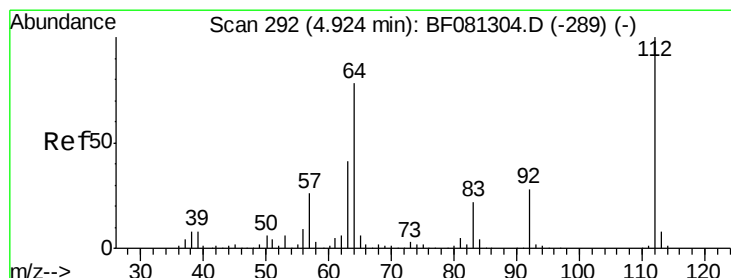
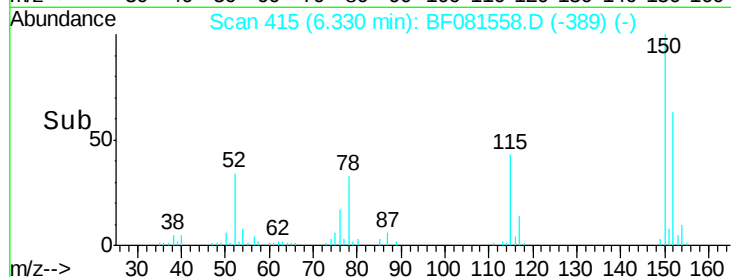
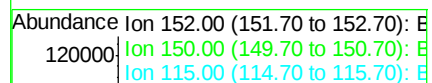
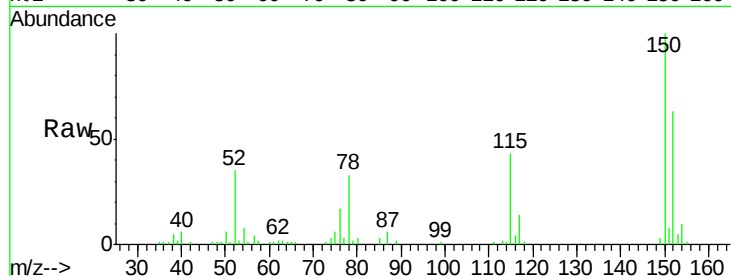
Tot Ion:152 Resp: 49842

Ion Ratio Lower Upper

152 100

150 159.0 124.7 187.1

115 68.0 39.0 58.4#



#5

2-Fluorophenol

Concen: 118.49 ng

RT: 4.89 min Scan# 289

Delta R.T. 0.02 min

Lab File: BF081558.D

Acq: 9 Sep 2015 18:07

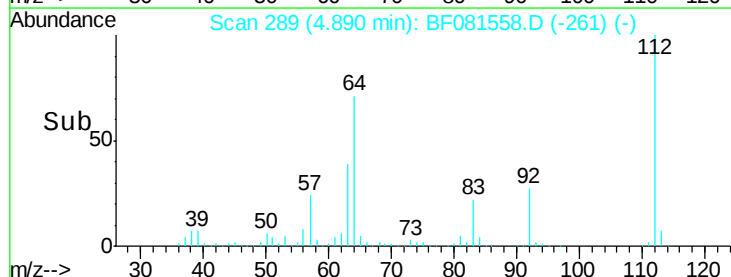
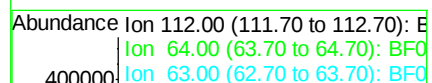
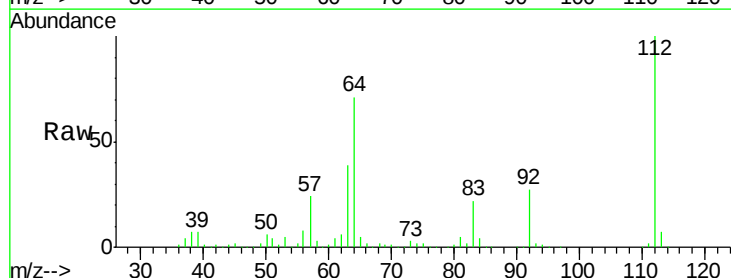
Tgt Ion:112 Resp: 380636

Ion Ratio Lower Upper

112 100

64 70.6 39.7 59.5#

63 38.9 17.4 26.0#





#7

Phenol-d6

Concen: 114.06 ng

RT: 6.00 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF081558.D

Acq: 9 Sep 2015 18:07

Instrument :

BNA_F

ClientSampleId :

PB85436BL

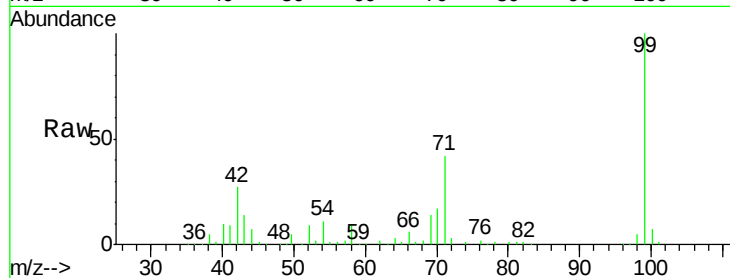
Tot Ion: 99 Resp: 485023

Ion Ratio Lower Upper

99 100

42 26.8 13.7 20.5#

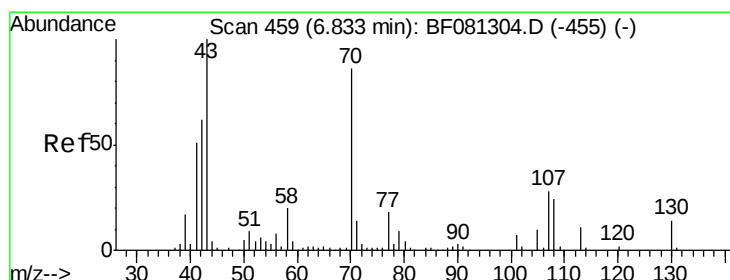
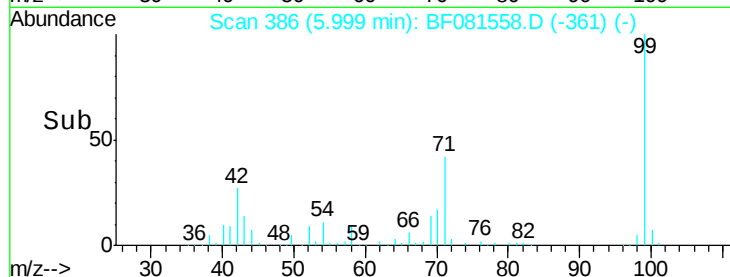
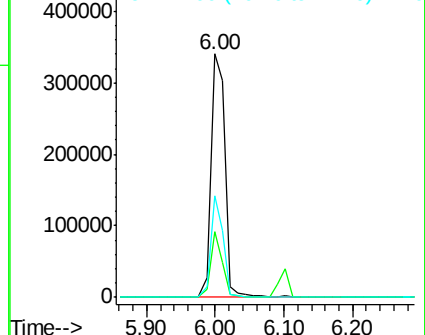
71 41.8 14.2 21.2#



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: 16.53 ng

RT: 6.91 min Scan# 466

Delta R.T. 0.13 min

Lab File: BF081558.D

Acq: 9 Sep 2015 18:07

Tgt Ion: 70 Resp: 47852

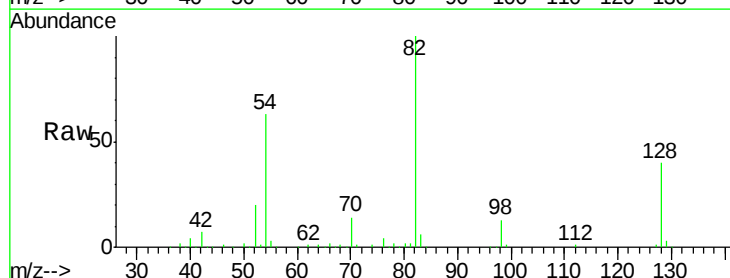
Ion Ratio Lower Upper

70 100

42 53.0 63.8 95.6#

101 0.0 9.2 13.8#

130 1.7 27.3 40.9#

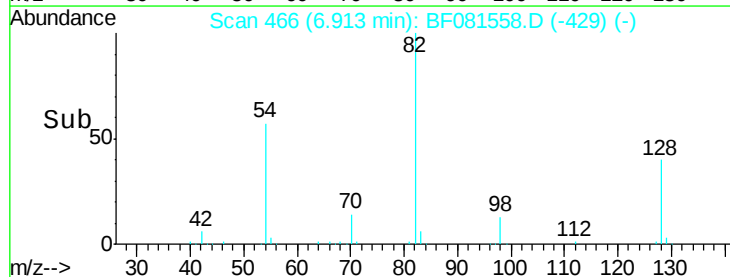
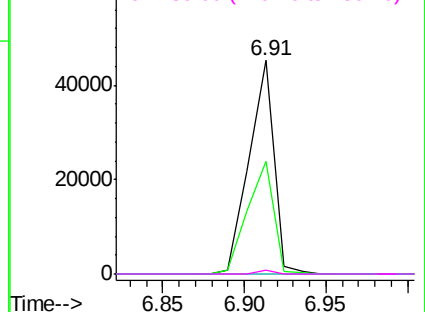


Abundance Ion 70.00 (69.70 to 70.70): BF0

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

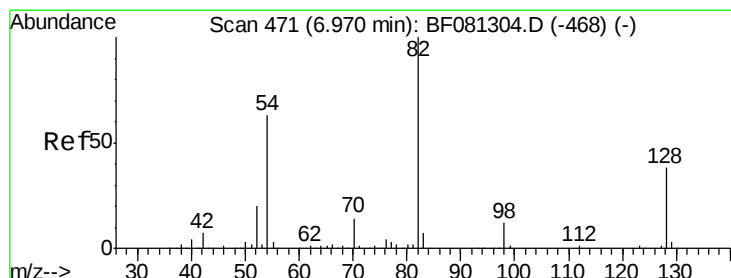
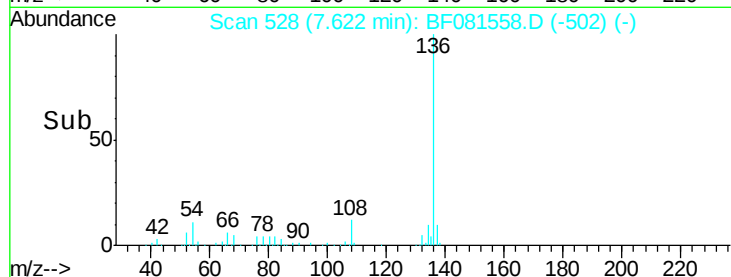
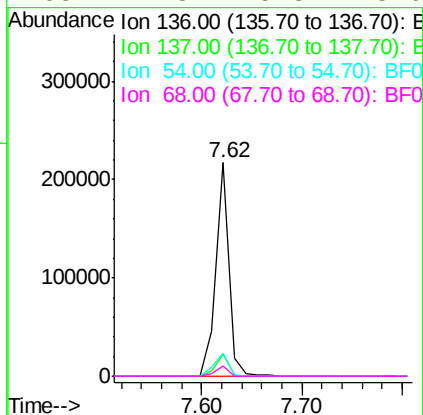
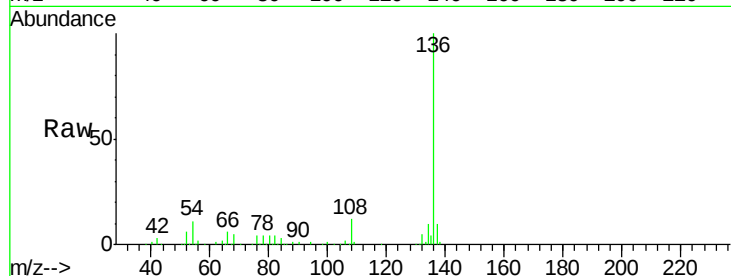




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.62 min Scan# 528
Delta R.T. -0.00 min
Lab File: BF081558.D
Acq: 9 Sep 2015 18:07

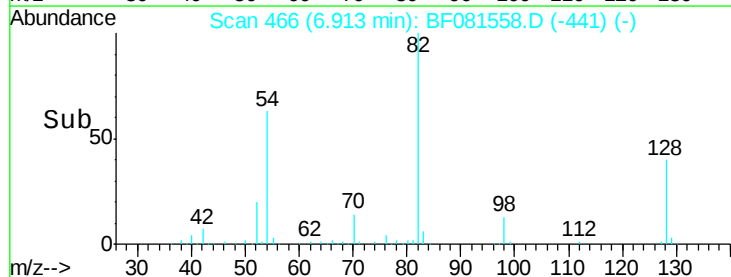
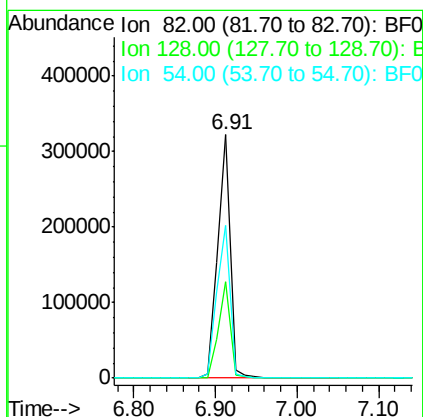
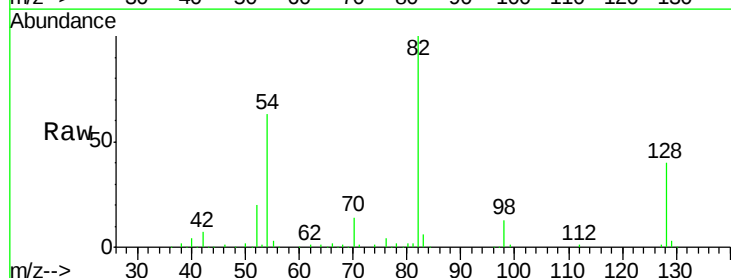
Instrument :
BNA_F
ClientSampleId :
PB85436BL

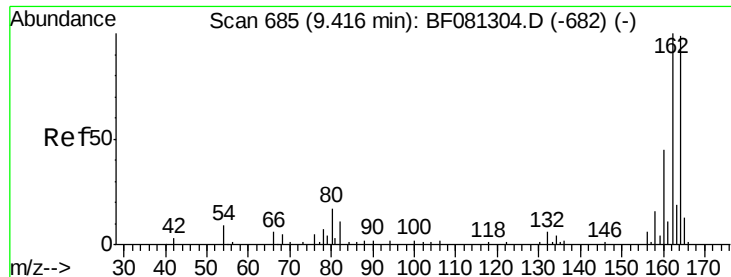
Tot Ion:136	Resp:	197414
Ion	Ratio	Lower Upper
136	100	
137	10.2	9.0 13.6
54	10.8	8.2 12.2
68	4.8	5.8 8.6#



#23
Nitrobenzene-d5
Concen: 84.28 ng
RT: 6.91 min Scan# 466
Delta R.T. -0.01 min
Lab File: BF081558.D
Acq: 9 Sep 2015 18:07

Tgt Ion: 82	Resp:	344860
Ion	Ratio	Lower Upper
82	100	
128	39.8	51.0 76.6#
54	62.9	47.5 71.3





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.36 min Scan# 680

Delta R.T. -0.01 min

Lab File: BF081558.D

Acq: 9 Sep 2015 18:07

Instrument :

BNA_F

ClientSampleId :

PB85436BL

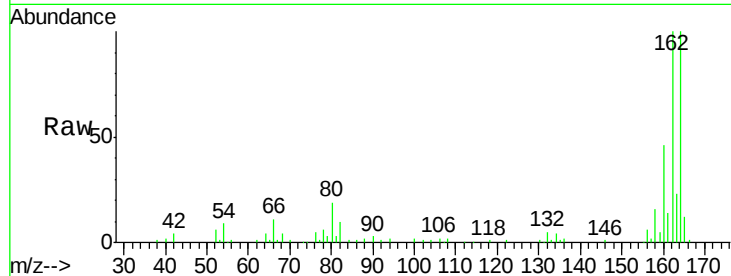
Tot Ion:164 Resp: 93229

Ion Ratio Lower Upper

164 100

162 99.7 75.2 112.8

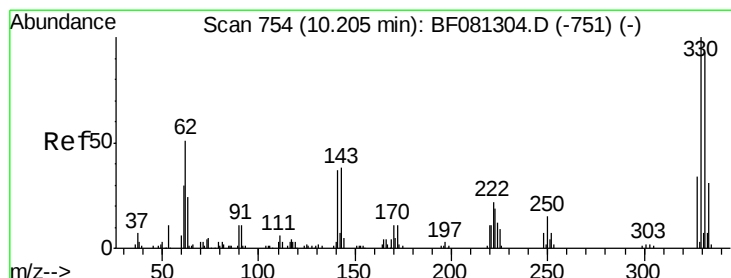
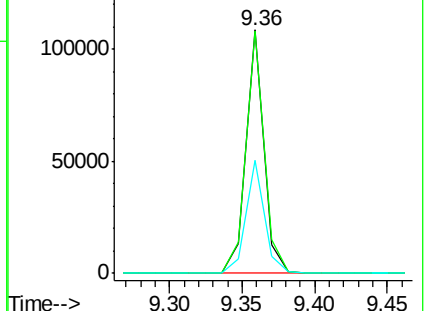
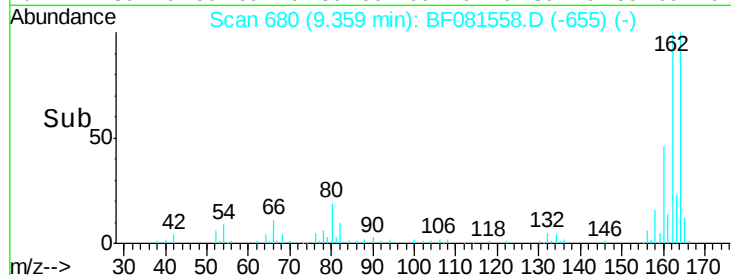
160 46.2 31.5 47.3



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: 133.10 ng

RT: 10.15 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF081558.D

Acq: 9 Sep 2015 18:07

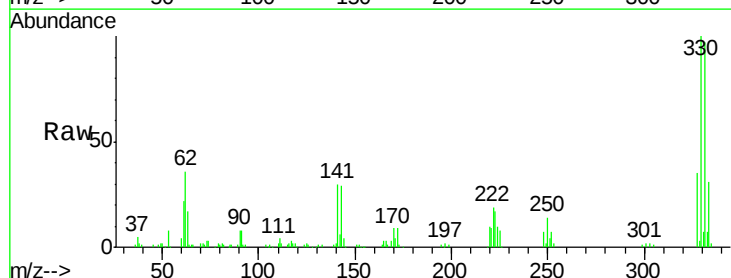
Tgt Ion:330 Resp: 110491

Ion Ratio Lower Upper

330 100

332 97.5 76.6 114.8

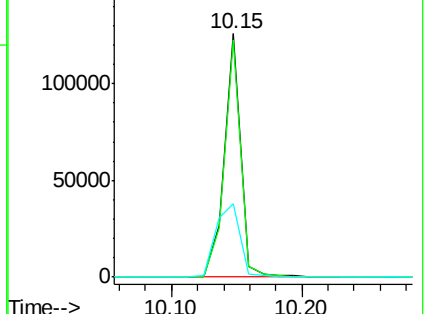
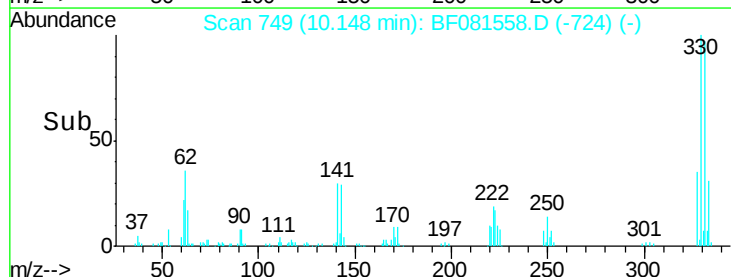
141 44.1 29.7 44.5

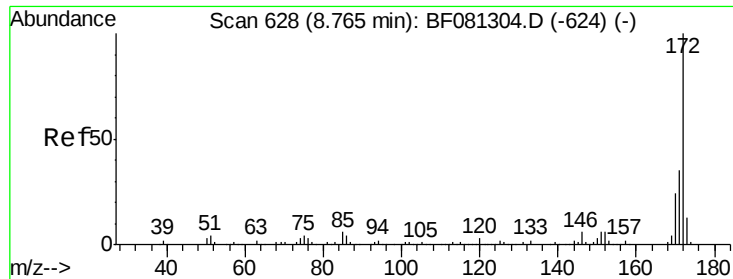


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

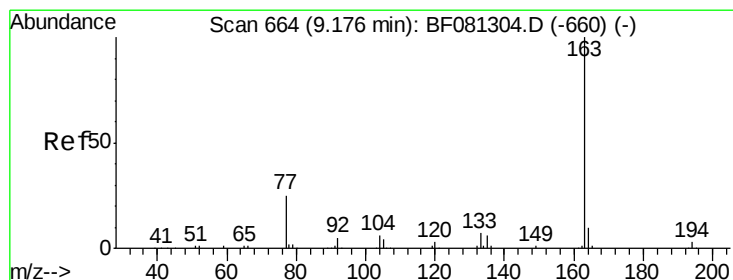
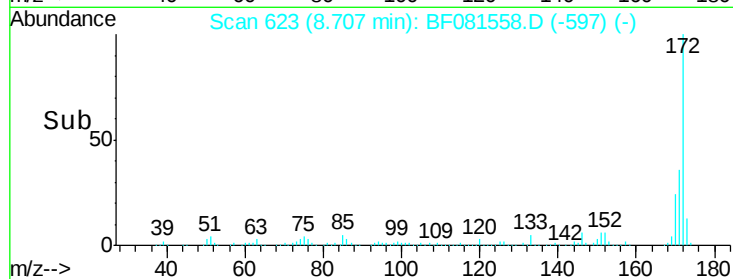
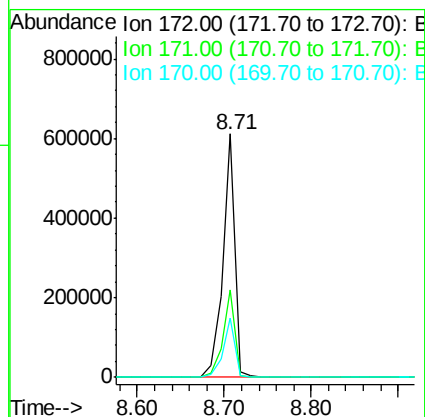
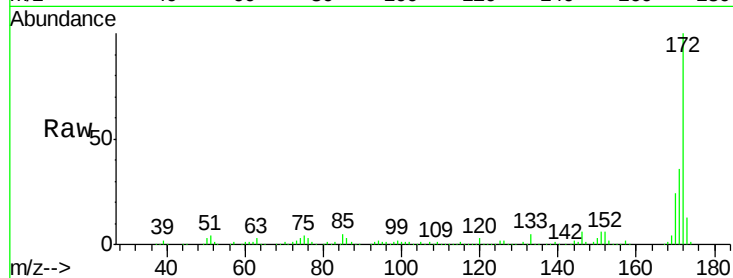




#44
2-Fluorobiphenyl
Concen: 81.91 ng
RT: 8.71 min Scan# 623
Delta R.T. -0.00 min
Lab File: BF081558.D
Acq: 9 Sep 2015 18:07

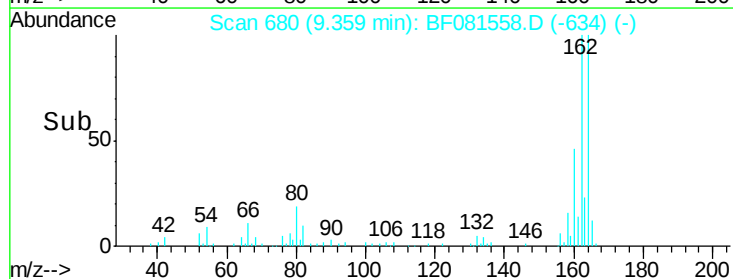
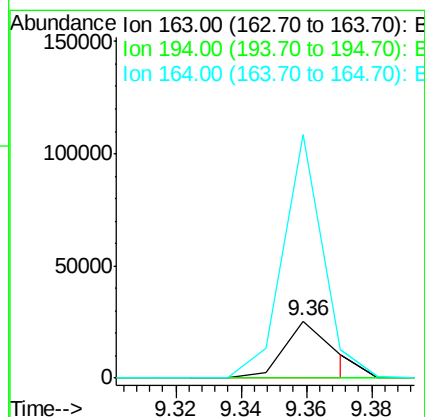
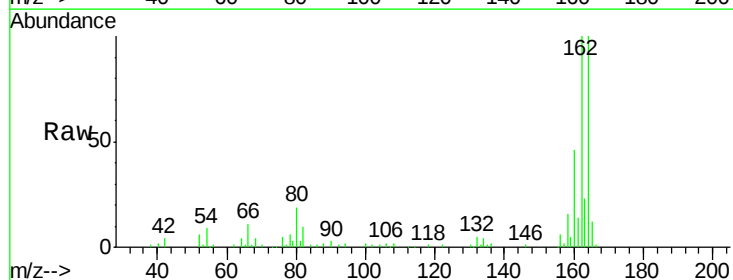
Instrument :
BNA_F
ClientSampleId :
PB85436BL

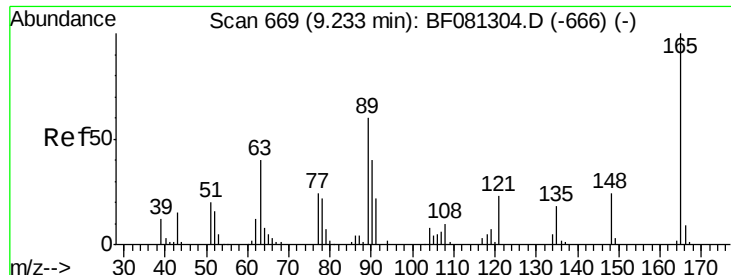
Tot Ion:172 Resp: 595934
Ion Ratio Lower Upper
172 100
171 36.0 26.1 39.1
170 24.1 17.4 26.2



#49
Dimethylphthalate
Concen: 3.65 ng
RT: 9.36 min Scan# 680
Delta R.T. 0.23 min
Lab File: BF081558.D
Acq: 9 Sep 2015 18:07

Tgt Ion:163 Resp: 26440
Ion Ratio Lower Upper
163 100
194 0.0 4.4 6.6#
164 426.9 8.3 12.5#

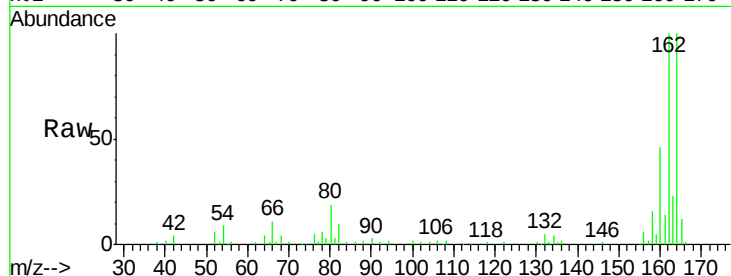




#50
 2,6-Dinitrotoluene
 Concen: 7.02 ng
 RT: 9.36 min Scan# 680
 Delta R.T. 0.17 min
 Lab File: BF081558.D
 Acq: 9 Sep 2015 18:07

Instrument :
 BNA_F
 ClientSampleId :
 PB85436BL

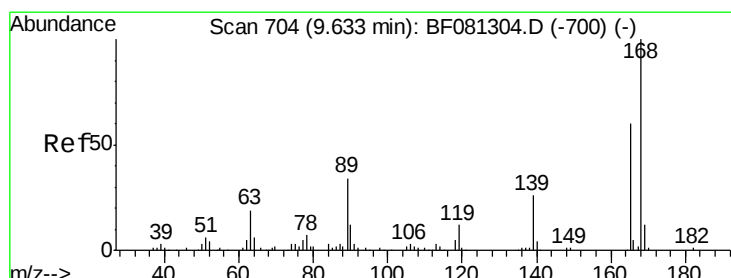
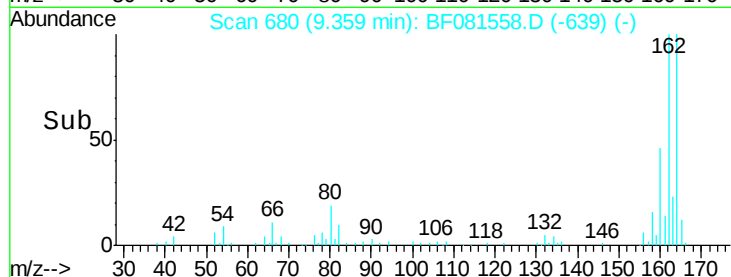
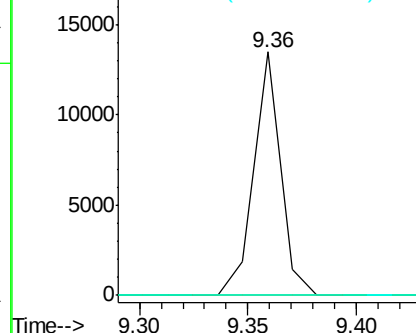
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	32.3	48.5#
89	0.0	28.6	43.0#



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: 5.52 ng
 RT: 9.36 min Scan# 680
 Delta R.T. -0.23 min
 Lab File: BF081558.D
 Acq: 9 Sep 2015 18:07

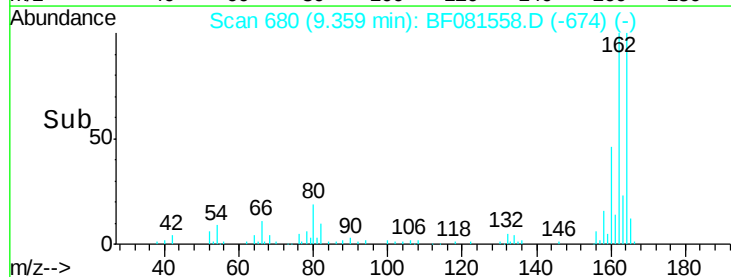
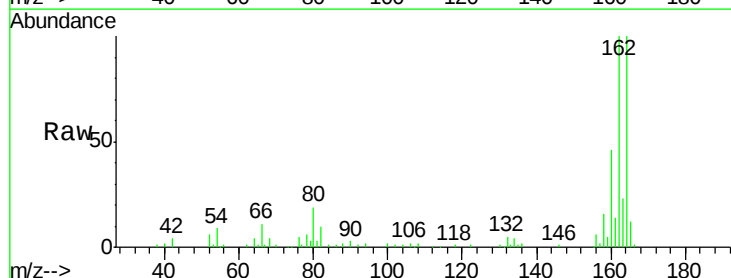
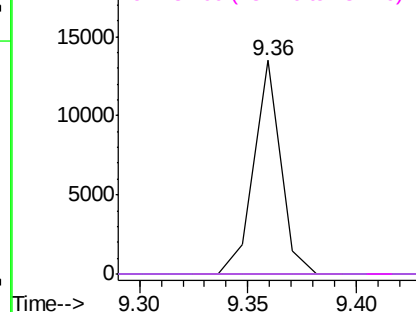
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	29.8	44.6#
89	0.0	44.5	66.7#
182	0.0	3.0	4.4#

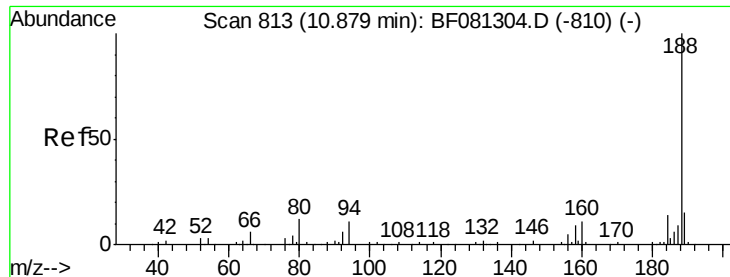
Abundance Ion 165.00 (164.70 to 165.70): E

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

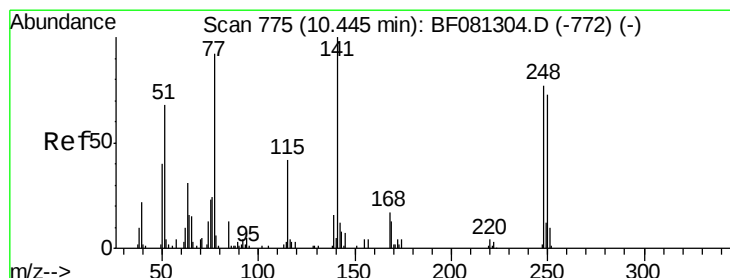
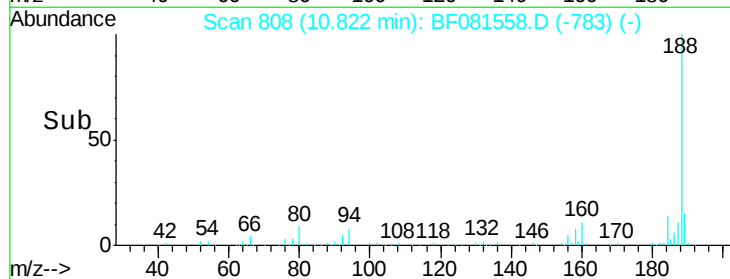
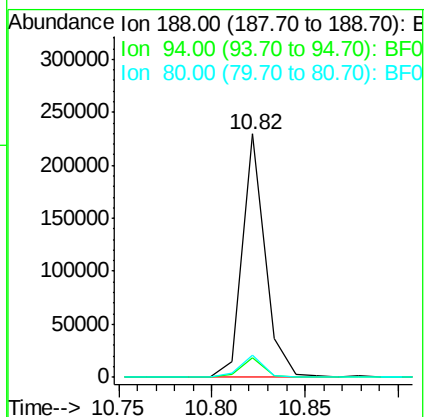
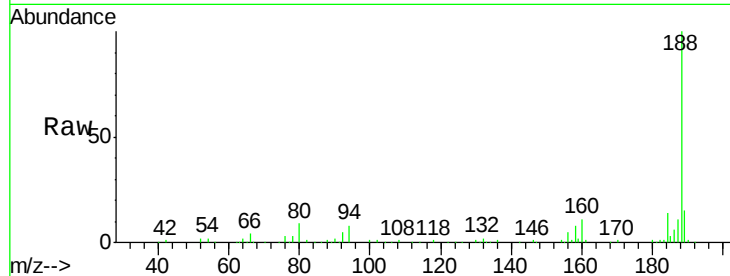




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.82 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF081558.D
Acq: 9 Sep 2015 18:07

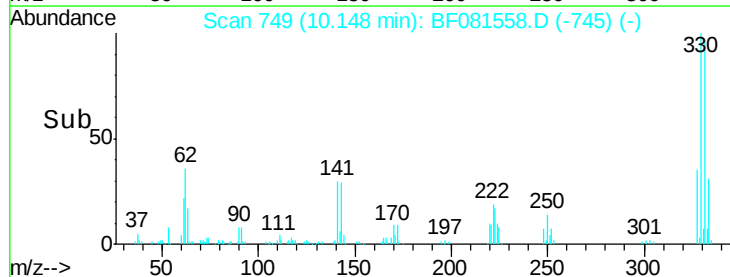
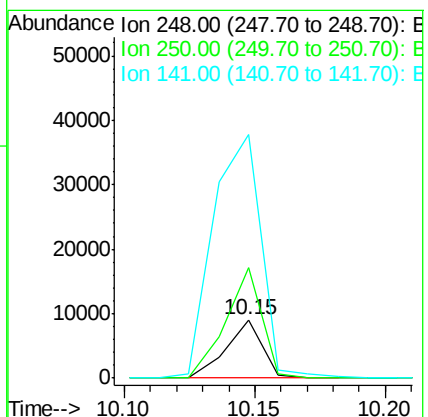
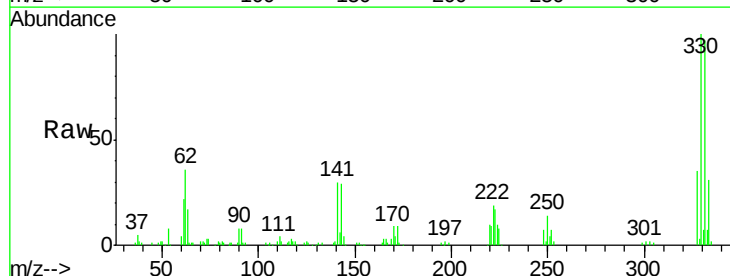
Instrument :
BNA_F
ClientSampleId :
PB85436BL

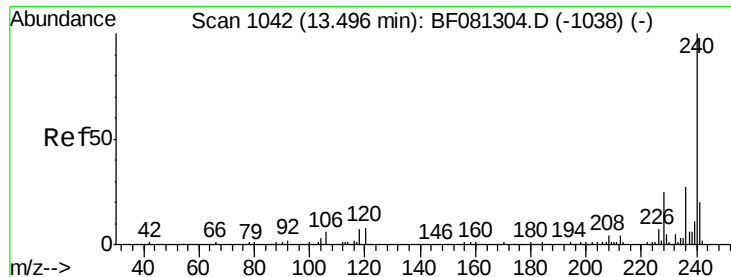
Tot Ion:188 Resp: 196312
Ion Ratio Lower Upper
188 100
94 8.2 11.1 16.7#
80 9.3 11.0 16.4#



#66
4-Bromophenyl-phenylether
Concen: 4.34 ng
RT: 10.15 min Scan# 749
Delta R.T. -0.25 min
Lab File: BF081558.D
Acq: 9 Sep 2015 18:07

Tgt Ion:248 Resp: 8616
Ion Ratio Lower Upper
248 100
250 190.9 78.5 117.7#
141 419.2 59.0 88.6#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.43 min Scan# 1036

Delta R.T. -0.01 min

Lab File: BF081558.D

Acq: 9 Sep 2015 18:07

Instrument :

BNA_F

ClientSampleId :

PB85436BL

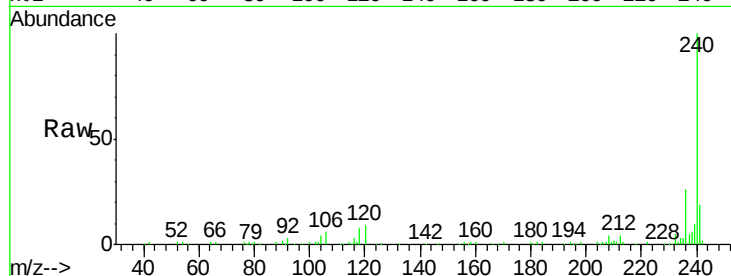
Tot Ion:240 Resp: 174790

Ion Ratio Lower Upper

240 100

120 9.1 16.2 24.2#

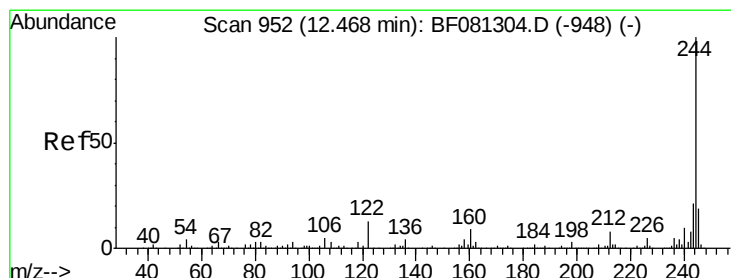
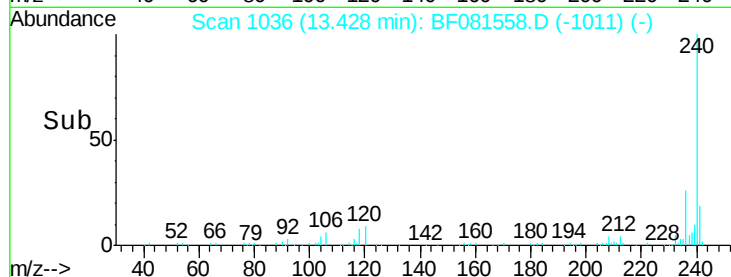
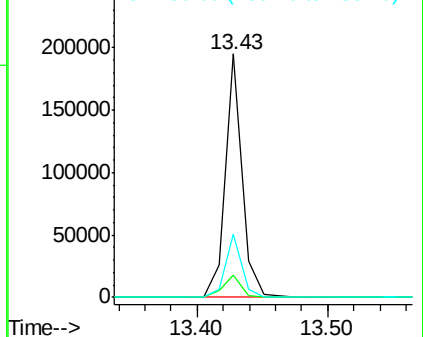
236 25.9 18.4 27.6



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: 78.42 ng

RT: 12.41 min Scan# 947

Delta R.T. -0.00 min

Lab File: BF081558.D

Acq: 9 Sep 2015 18:07

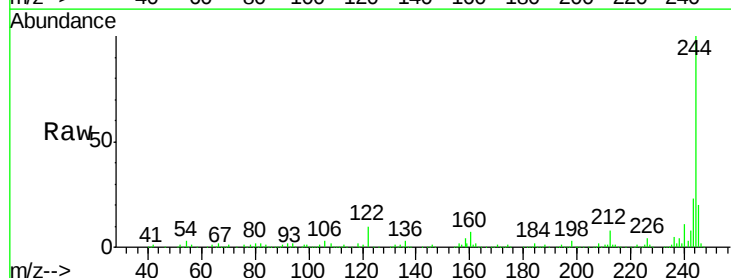
Tgt Ion:244 Resp: 588821

Ion Ratio Lower Upper

244 100

212 7.7 4.3 6.5#

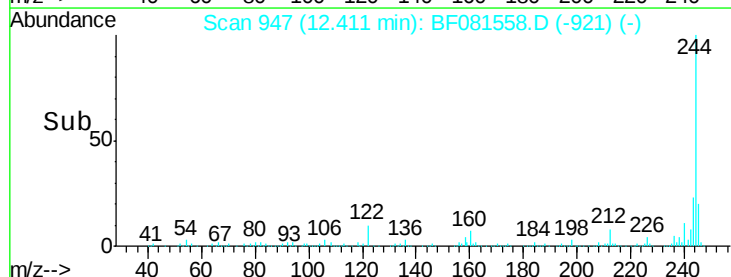
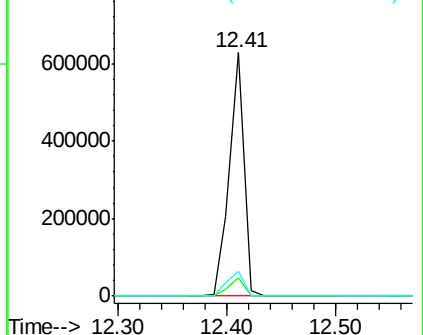
122 10.4 17.4 26.2#

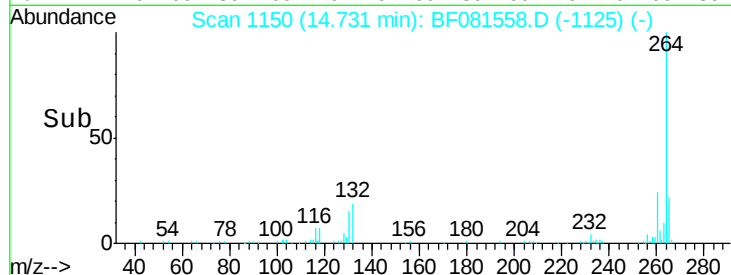
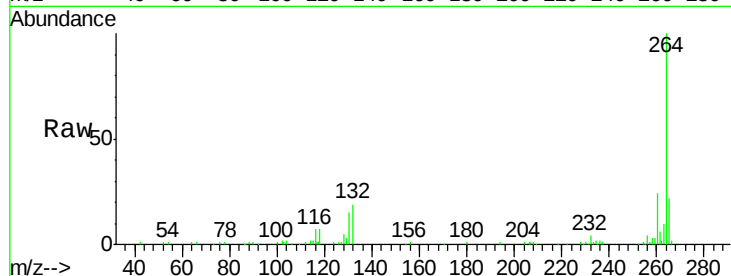
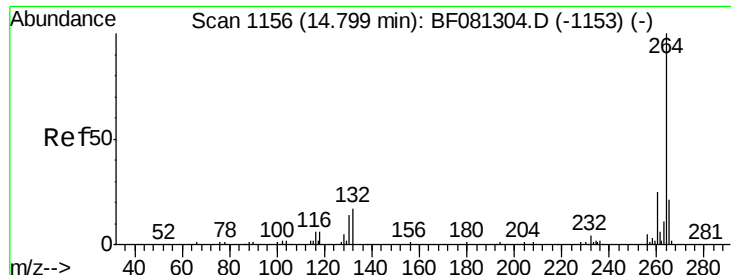


Abundance Ion 244.00 (243.70 to 244.70): E

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: 14.73 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BF081558.D
Acq: 9 Sep 2015 18:07

Instrument :
BNA_F
ClientSampleId :
PB85436BL

Tot Ion:264	Resp:	125136
Ion Ratio	Lower	Upper
264	100	
260	24.0	16.7 25.1
265	21.9	17.2 25.8

