

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092515\
 Data File : BF081806.D
 Acq On : 25 Sep 2015 16:44
 Operator : UM/IZ
 Sample : PB85698BL
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB85698BL

Quant Time: Sep 25 23:19:32 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 25 06:02:49 2015
 Response via : Initial Calibration

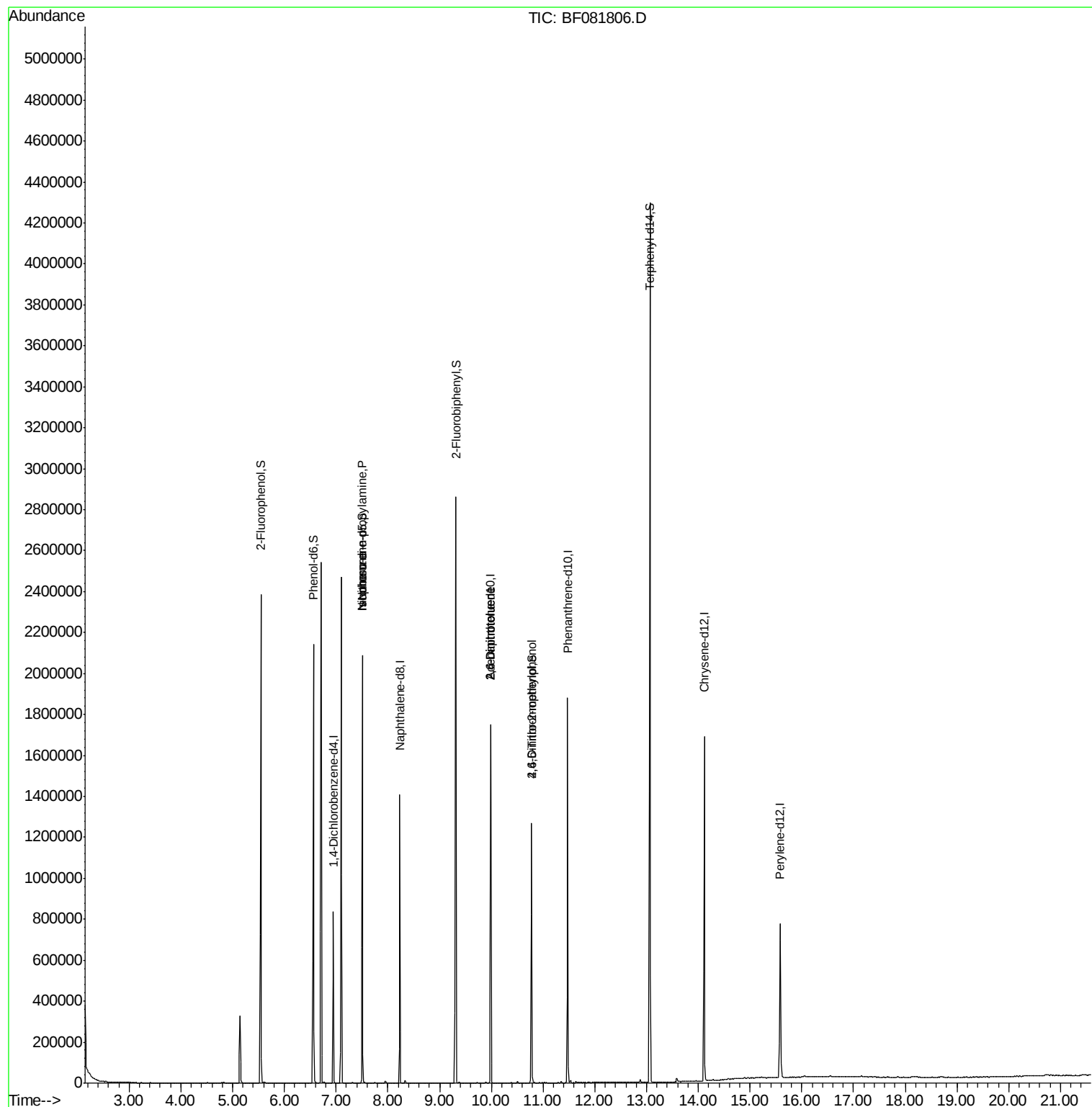
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	161291	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	620973	20.00	ng	-0.01
38) Acenaphthene-d10	9.99	164	335187	20.00	ng	-0.01
63) Phenanthrene-d10	11.47	188	657472	20.00	ng	0.00
75) Chrysene-d12	14.12	240	601522	20.00	ng	0.00
86) Perylene-d12	15.58	264	444503	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	616088	64.62	ng	0.00
7) Phenol-d6	6.56	99	733877	60.86	ng	-0.01
23) Nitrobenzene-d5	7.51	82	670351	71.23	ng	-0.01
41) 2,4,6-Tribromophenol	10.78	330	195049	67.03	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	1448282	70.93	ng	0.00
78) Terphenyl-d14	13.06	244	1410170	53.55	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.51	70	89905	11.18	ng	# 61
25) Isophorone	7.51	82	511346	24.53	ng	# 58
50) 2,6-Dinitrotoluene	9.99	165	43103	8.76	ng	# 39
56) 2,4-Dinitrotoluene	9.99	165	43094	7.31	ng	# 33
64) 4,6-Dinitro-2-methylphenol	10.78	198	526	7.95	ng	# 30

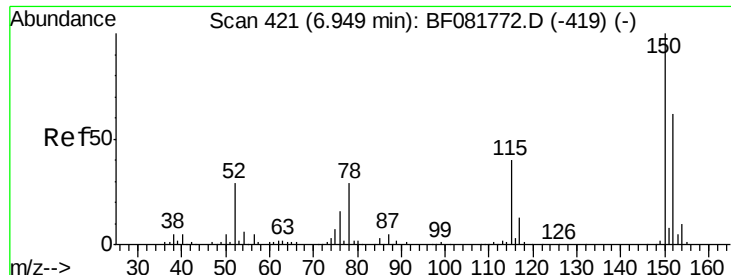
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092515\
Data File : BF081806.D
Acq On : 25 Sep 2015 16:44
Operator : UM/IZ
Sample : PB85698BL
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB85698BL

Quant Time: Sep 25 23:19:32 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 25 06:02:49 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.95 min Scan# 421

Delta R.T. 0.00 min

Lab File: BF081806.D

Acq: 25 Sep 2015 16:44

Instrument :

BNA_F

ClientSampleId :

PB85698BL

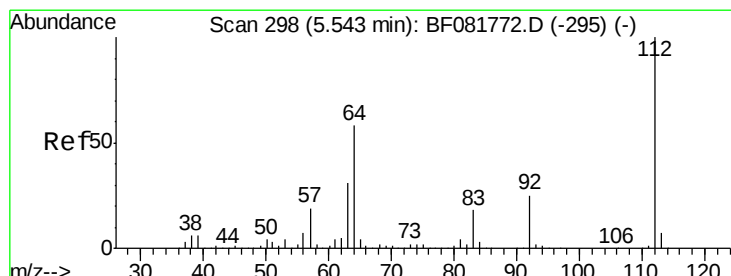
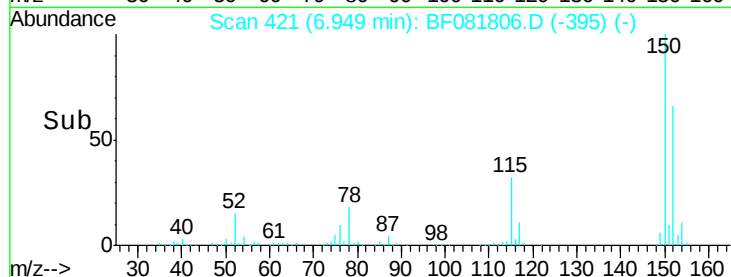
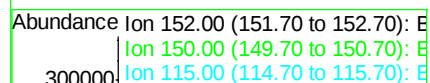
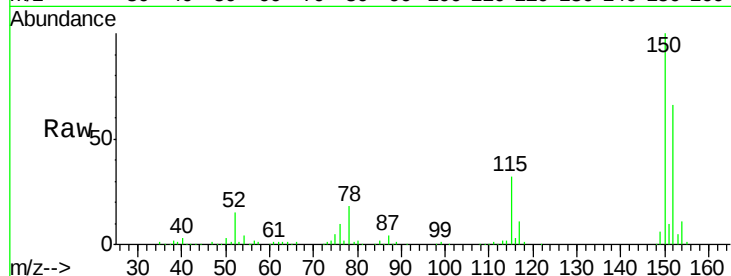
Tgt Ion:152 Resp: 161291

Ion Ratio Lower Upper

152 100

150 152.4 124.7 187.1

115 49.5 39.0 58.4



#5

2-Fluorophenol

Concen: 64.62 ng

RT: 5.54 min Scan# 298

Delta R.T. 0.00 min

Lab File: BF081806.D

Acq: 25 Sep 2015 16:44

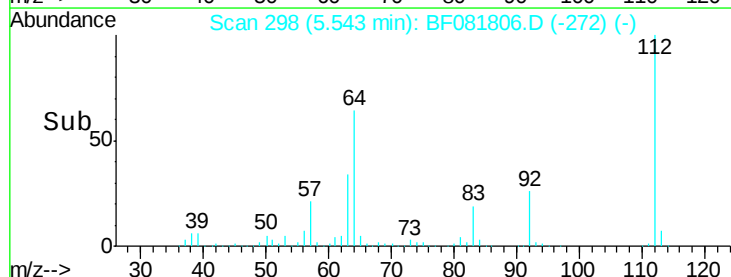
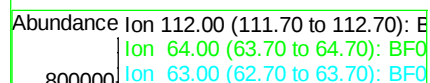
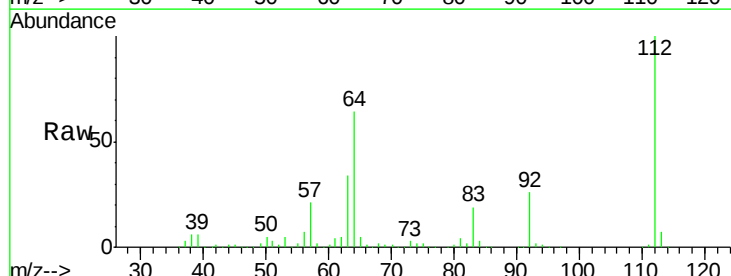
Tgt Ion:112 Resp: 616088

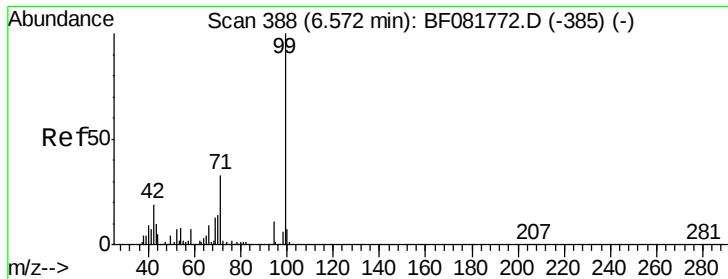
Ion Ratio Lower Upper

112 100

64 63.8 39.7 59.5#

63 33.8 17.4 26.0#





#7

Phenol-d6

Concen: 60.86 ng

RT: 6.56 min Scan# 387

Delta R.T. -0.01 min

Lab File: BF081806.D

Acq: 25 Sep 2015 16:44

Instrument :

BNA_F

ClientSampleId :

PB85698BL

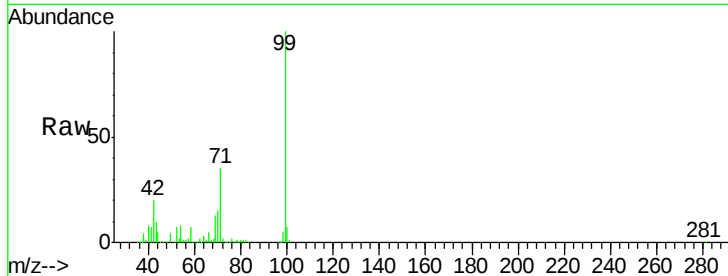
Tgt Ion: 99 Resp: 733877

Ion Ratio Lower Upper

99 100

42 20.3 13.7 20.5

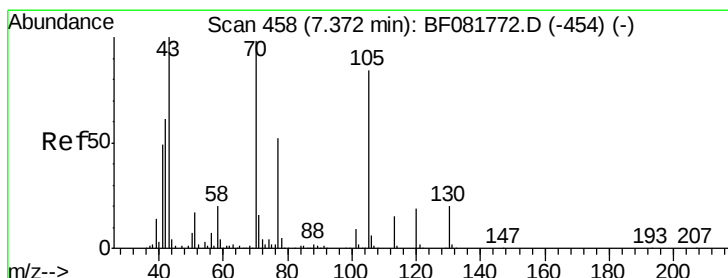
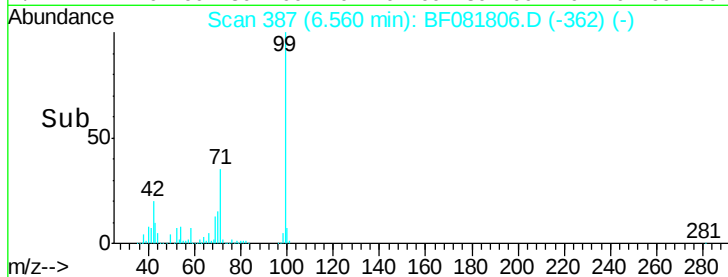
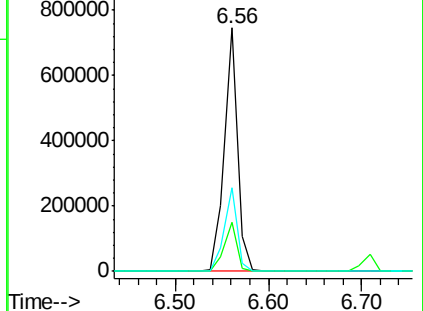
71 34.6 14.2 21.2#



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: 11.18 ng

RT: 7.51 min Scan# 470

Delta R.T. 0.14 min

Lab File: BF081806.D

Acq: 25 Sep 2015 16:44

Tgt Ion: 70 Resp: 89905

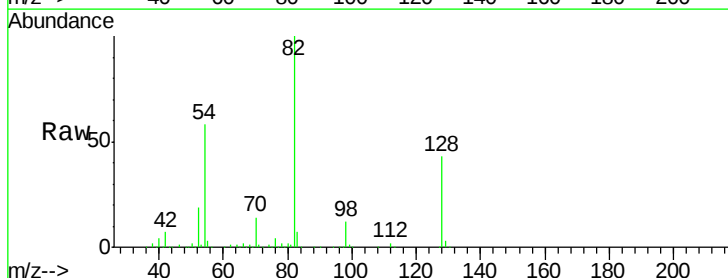
Ion Ratio Lower Upper

70 100

42 50.0 63.8 95.6#

101 0.0 9.2 13.8#

130 2.2 27.3 40.9#

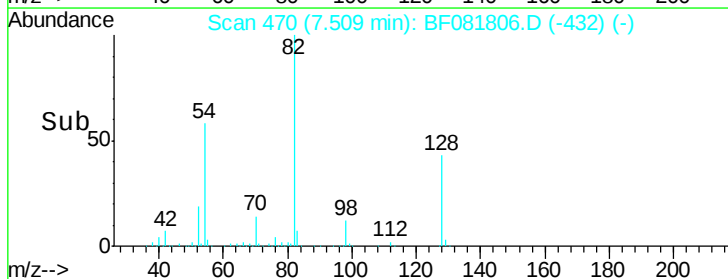
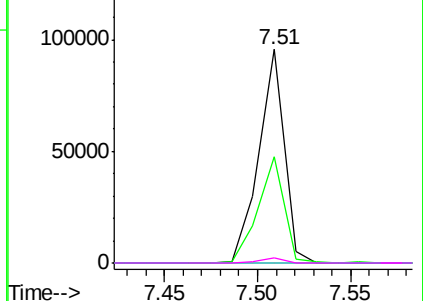


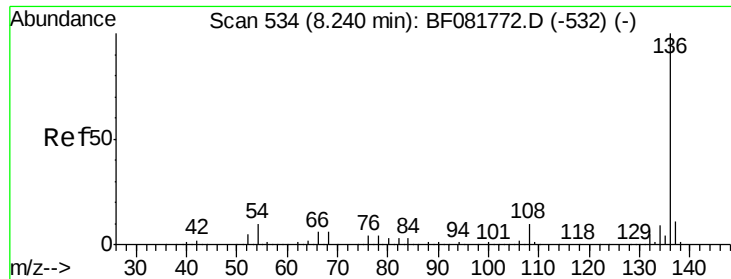
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

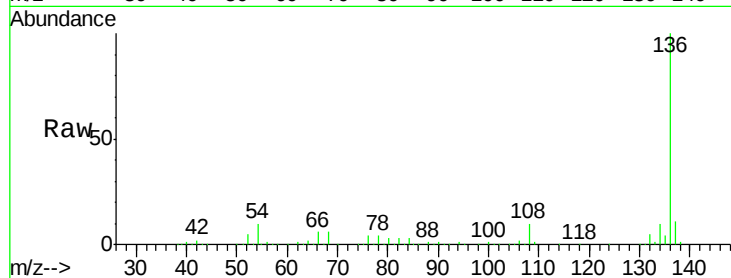




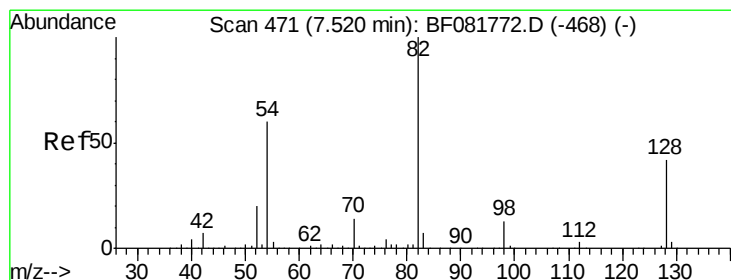
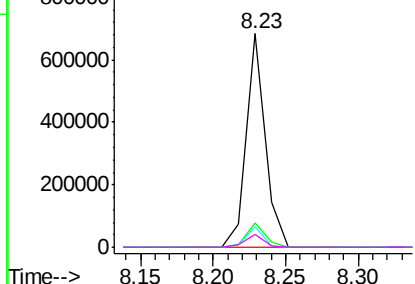
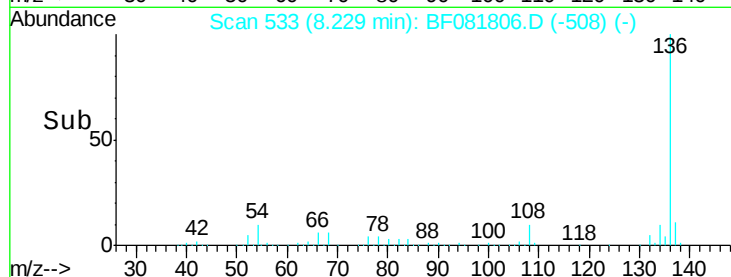
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.23 min Scan# 533
Delta R.T. -0.01 min
Lab File: BF081806.D
Acq: 25 Sep 2015 16:44

Instrument :
BNA_F
ClientSampleId :
PB85698BL

Tgt Ion:	136	Resp:	620973
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.6
54	9.6	8.2	12.2
68	6.3	5.8	8.6

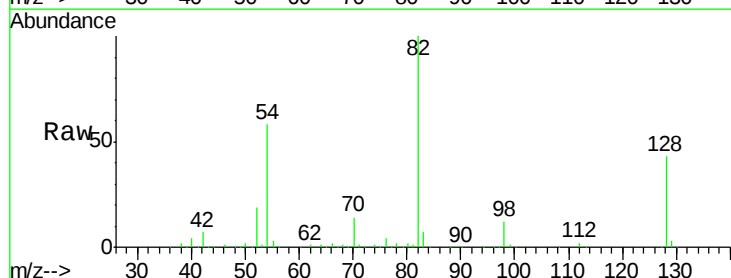


Abundance Ion 136.00 (135.70 to 136.70): B
Ion 137.00 (136.70 to 137.70): B
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

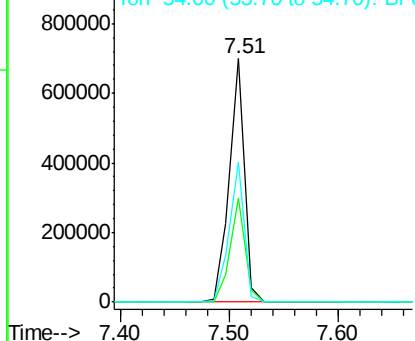
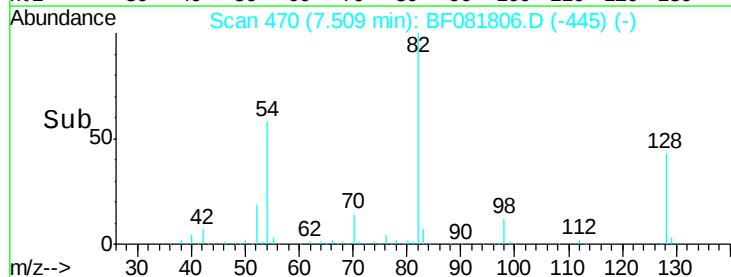


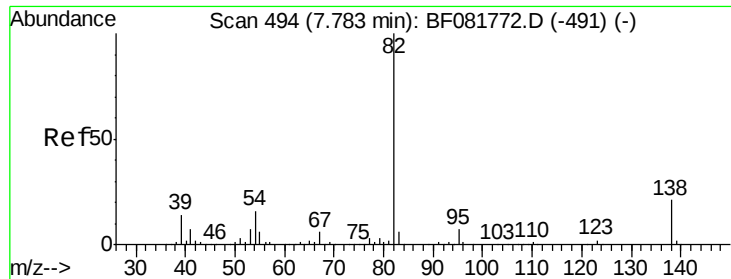
#23
Nitrobenzene-d5
Concen: 71.23 ng
RT: 7.51 min Scan# 470
Delta R.T. -0.01 min
Lab File: BF081806.D
Acq: 25 Sep 2015 16:44

Tgt Ion:	82	Resp:	670351
Ion	Ratio	Lower	Upper
82	100		
128	42.5	51.0	76.6#
54	57.7	47.5	71.3



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 24.53 ng

RT: 7.51 min Scan# 470

Delta R.T. -0.27 min

Lab File: BF081806.D

Acq: 25 Sep 2015 16:44

Instrument :

BNA_F

ClientSampleId :

PB85698BL

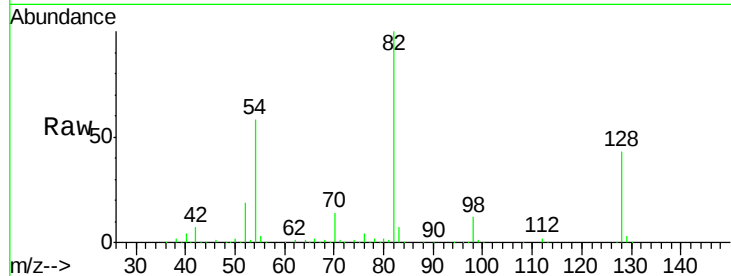
Tgt Ion: 82 Resp: 511346

Ion Ratio Lower Upper

82 100

95 0.0 4.0 6.0#

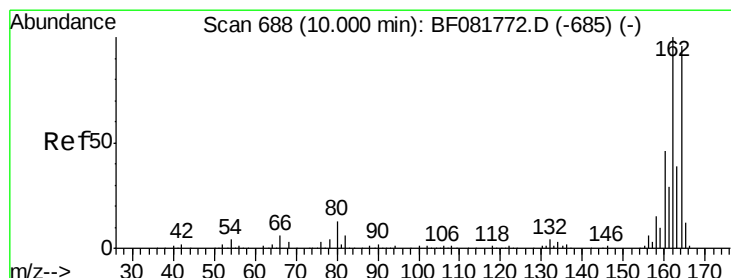
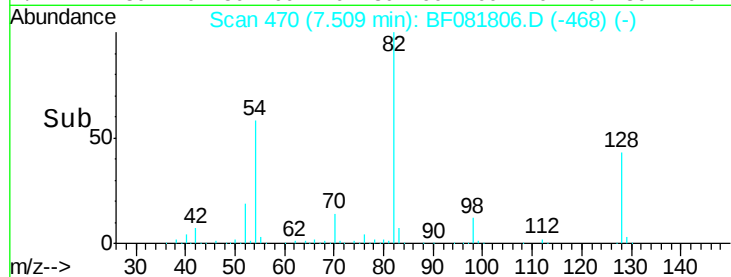
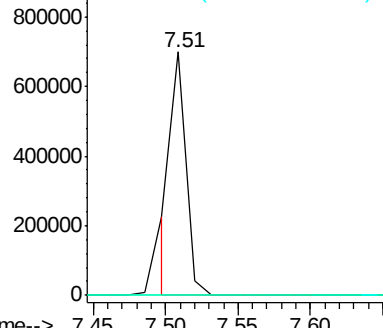
138 0.0 18.3 27.5#



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): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.99 min Scan# 687

Delta R.T. -0.01 min

Lab File: BF081806.D

Acq: 25 Sep 2015 16:44

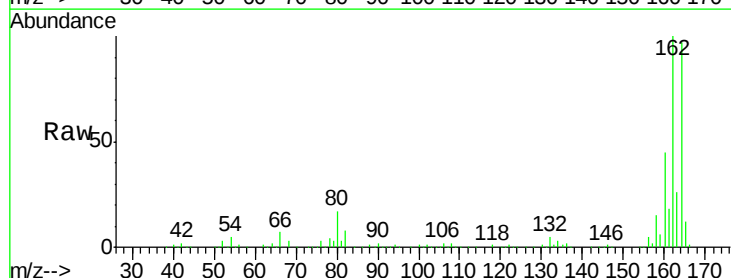
Tgt Ion: 164 Resp: 335187

Ion Ratio Lower Upper

164 100

162 103.3 75.2 112.8

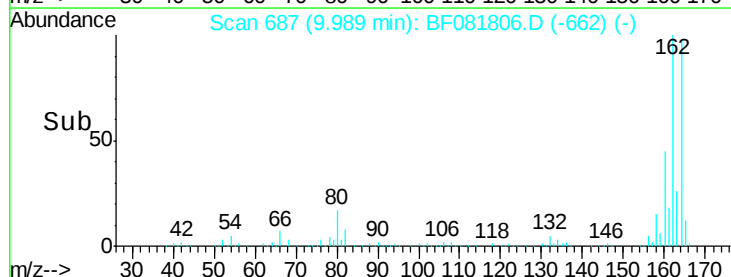
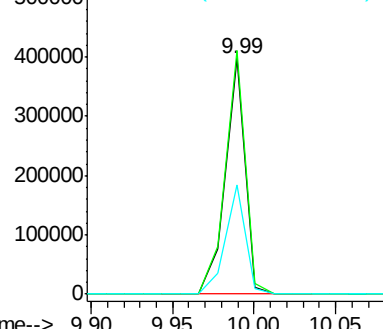
160 46.1 31.5 47.3

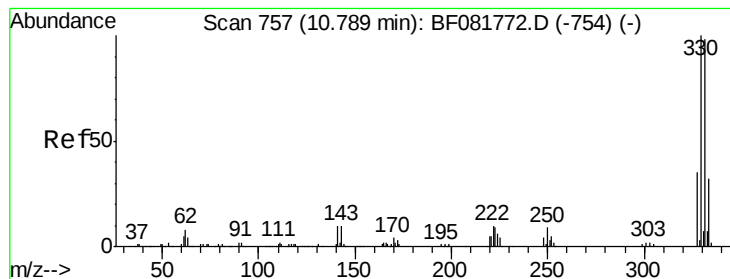


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

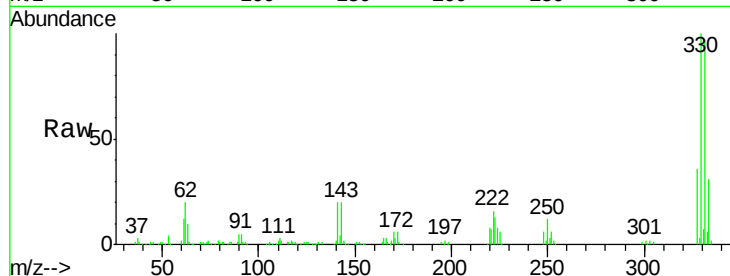




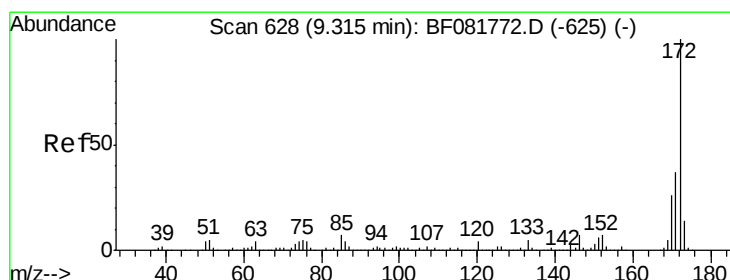
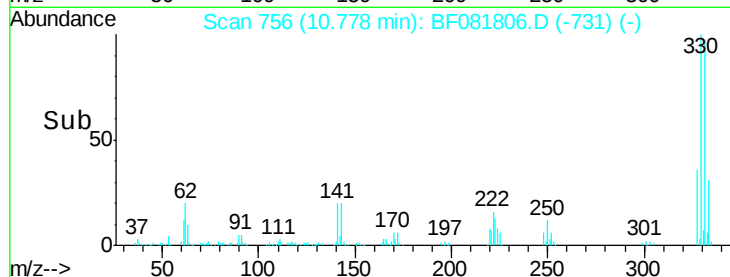
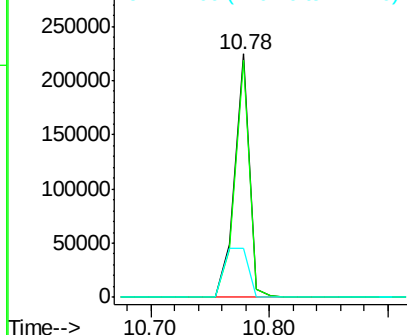
#41
 2,4,6-Tribromophenol
 Concen: 67.03 ng
 RT: 10.78 min Scan# 756
 Delta R.T. -0.01 min
 Lab File: BF081806.D
 Acq: 25 Sep 2015 16:44

Instrument :
 BNA_F
 ClientSampleId :
 PB85698BL

Tgt Ion:330 Resp: 195049
 Ion Ratio Lower Upper
 330 100
 332 96.5 76.6 114.8
 141 32.6 29.7 44.5

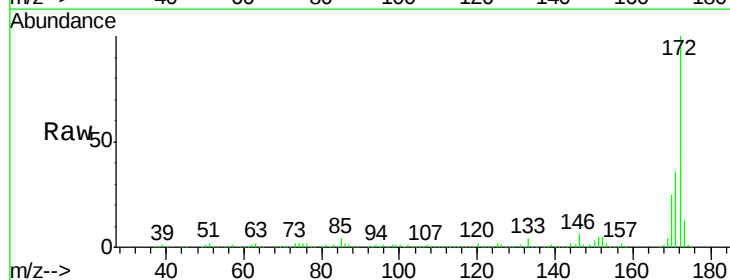


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

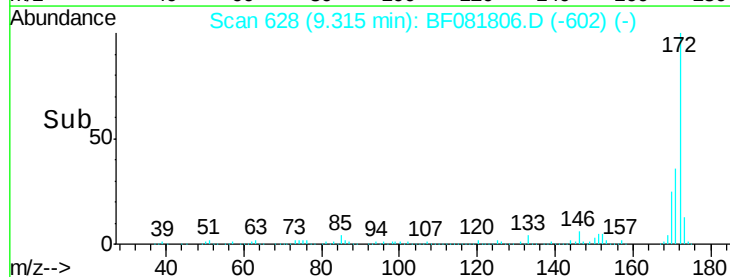
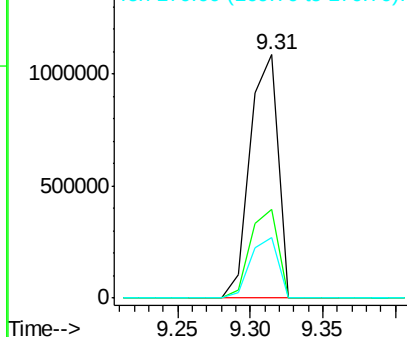


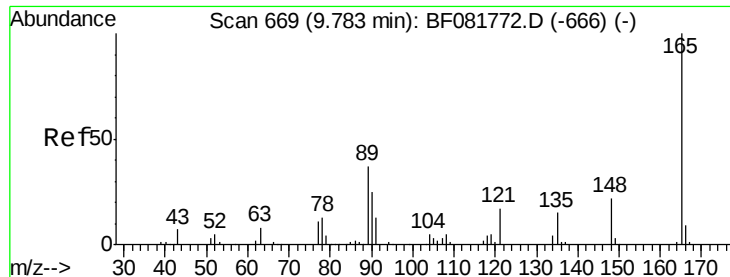
#44
 2-Fluorobiphenyl
 Concen: 70.93 ng
 RT: 9.31 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF081806.D
 Acq: 25 Sep 2015 16:44

Tgt Ion:172 Resp: 1448282
 Ion Ratio Lower Upper
 172 100
 171 36.3 26.1 39.1
 170 24.6 17.4 26.2



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

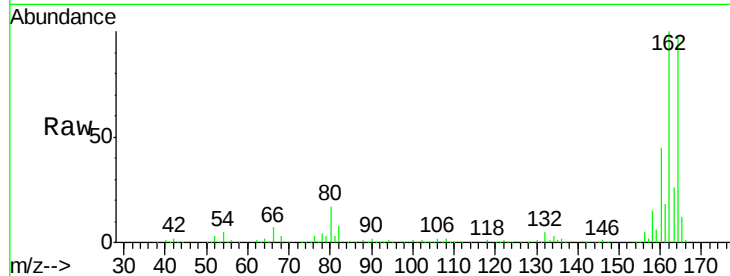




#50
 2,6-Dinitrotoluene
 Concen: 8.76 ng
 RT: 9.99 min Scan# 687
 Delta R.T. 0.21 min
 Lab File: BF081806.D
 Acq: 25 Sep 2015 16:44

Instrument :
 BNA_F
 ClientSampleId :
 PB85698BL

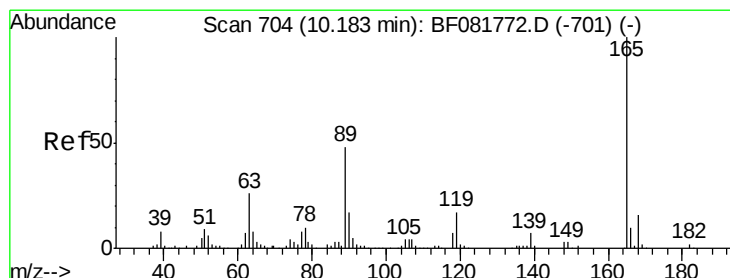
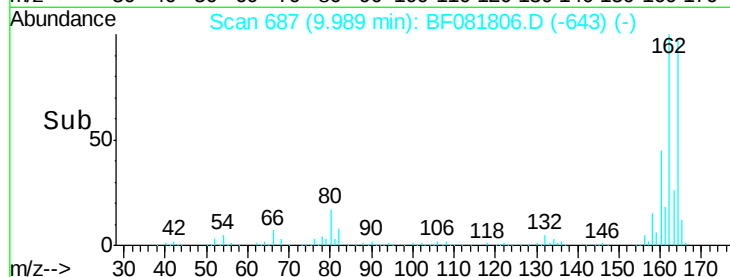
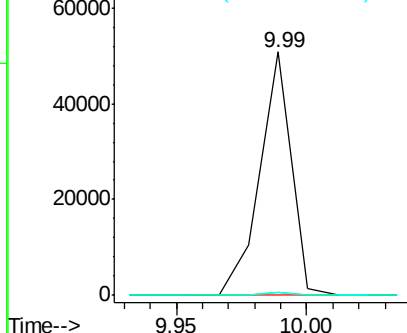
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	32.3	48.5#
89	1.2	28.6	43.0#



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: 7.31 ng
 RT: 9.99 min Scan# 687
 Delta R.T. -0.19 min
 Lab File: BF081806.D
 Acq: 25 Sep 2015 16:44

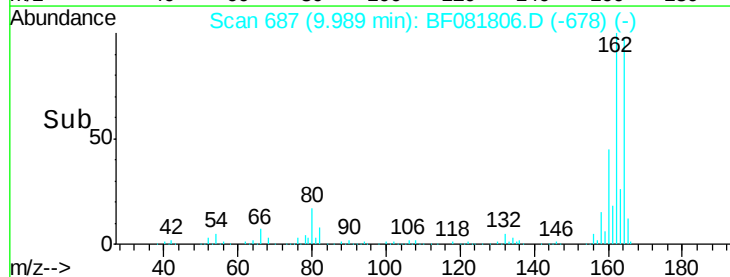
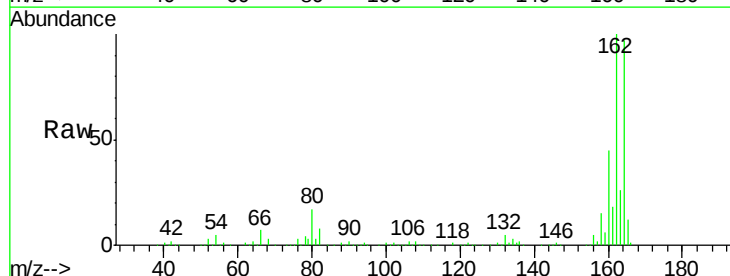
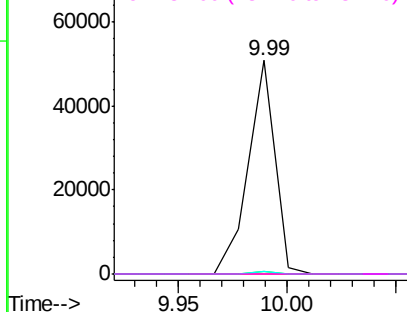
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	29.8	44.6#
89	1.2	44.5	66.7#
182	0.0	3.0	4.4#

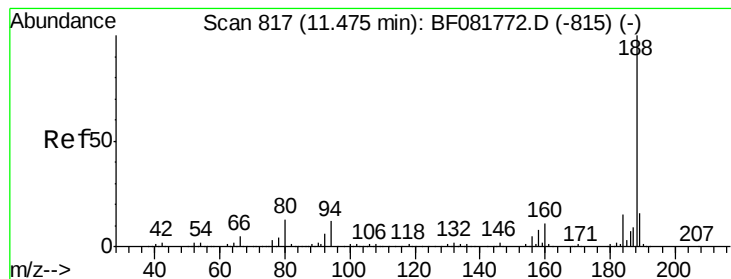
Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.47 min Scan# 817

Delta R.T. 0.00 min

Lab File: BF081806.D

Acq: 25 Sep 2015 16:44

Instrument :

BNA_F

ClientSampleId :

PB85698BL

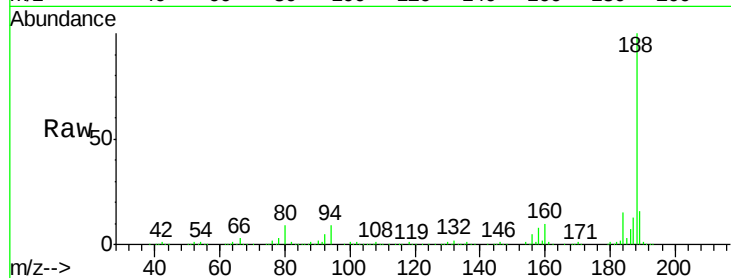
Tgt Ion:188 Resp: 657472

Ion Ratio Lower Upper

188 100

94 8.7 11.1 16.7#

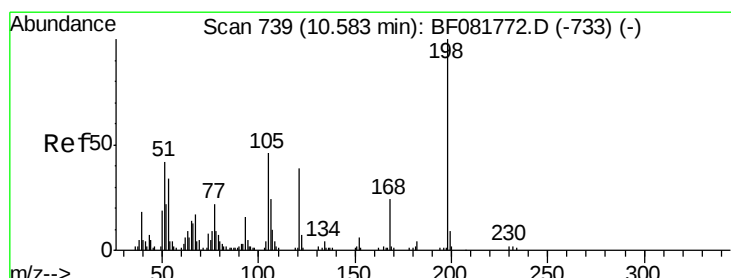
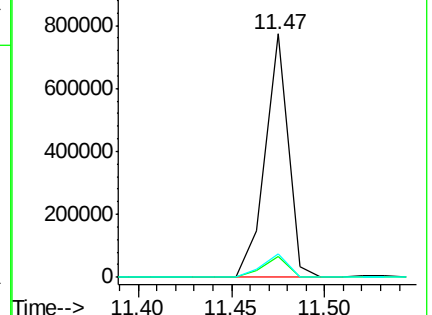
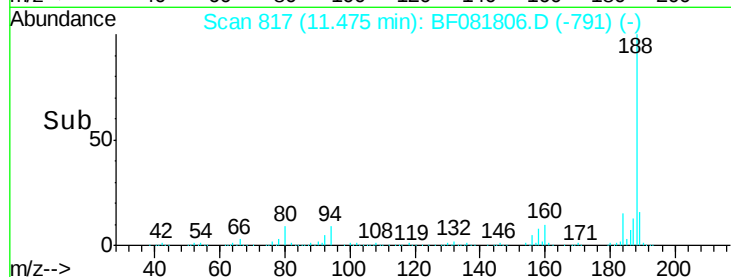
80 9.4 11.0 16.4#



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



#64

4,6-Dinitro-2-methylphenol

Concen: 7.95 ng

RT: 10.78 min Scan# 756

Delta R.T. 0.19 min

Lab File: BF081806.D

Acq: 25 Sep 2015 16:44

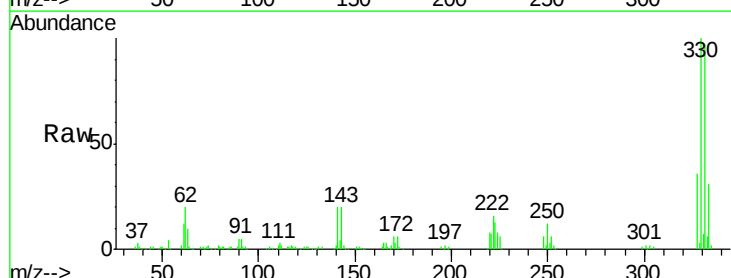
Tgt Ion:198 Resp: 526

Ion Ratio Lower Upper

198 100

51 96.8 39.6 79.6#

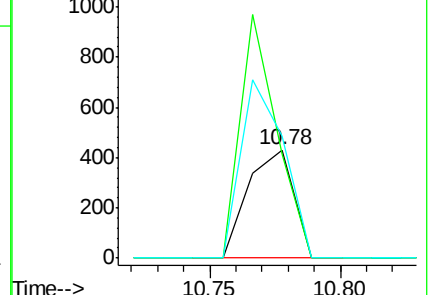
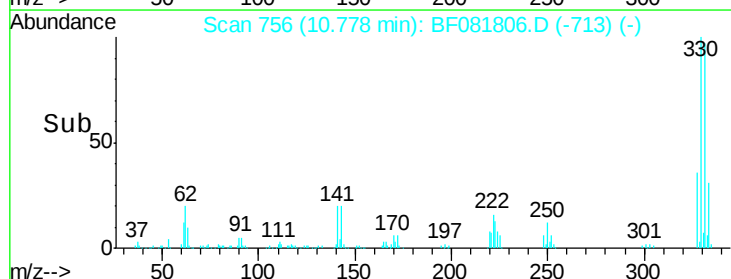
105 113.0 28.5 68.5#

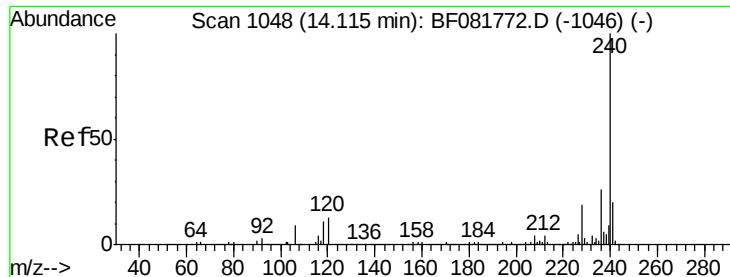


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.12 min Scan# 1048

Delta R.T. 0.00 min

Lab File: BF081806.D

Acq: 25 Sep 2015 16:44

Instrument :

BNA_F

ClientSampleId :

PB85698BL

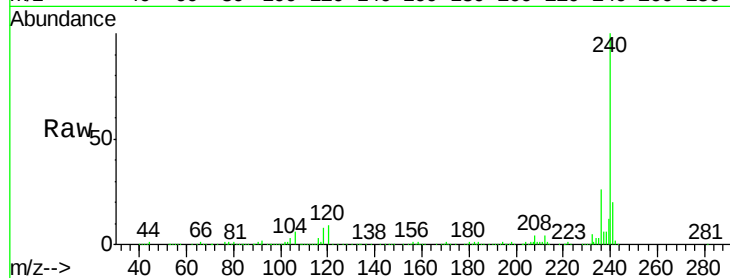
Tgt Ion:240 Resp: 601522

Ion Ratio Lower Upper

240 100

120 8.9 16.2 24.2#

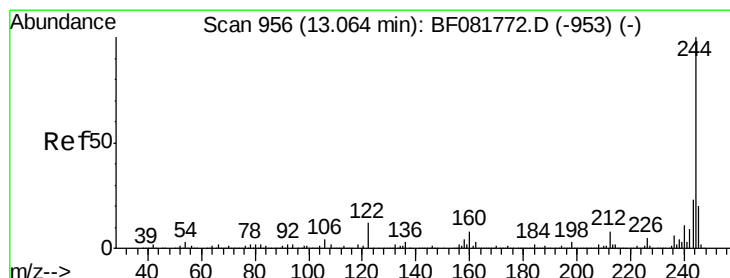
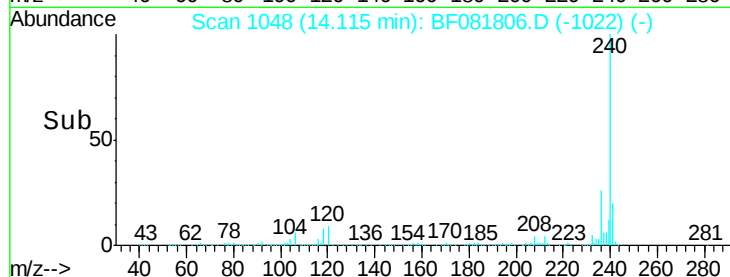
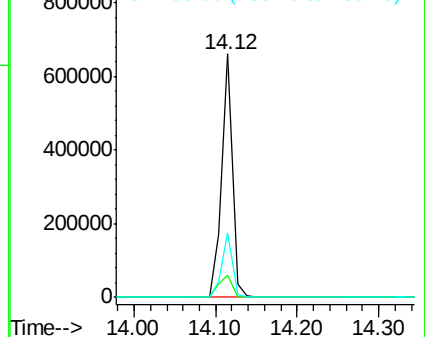
236 26.4 18.4 27.6



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: 53.55 ng

RT: 13.06 min Scan# 956

Delta R.T. 0.00 min

Lab File: BF081806.D

Acq: 25 Sep 2015 16:44

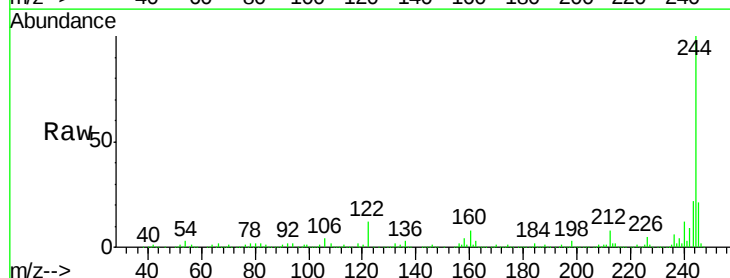
Tgt Ion:244 Resp: 1410170

Ion Ratio Lower Upper

244 100

212 8.3 4.3 6.5#

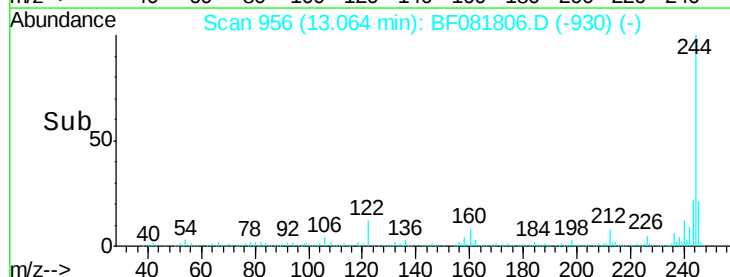
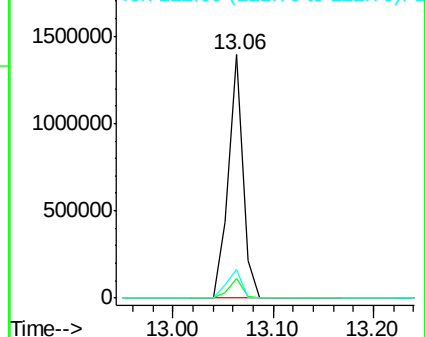
122 11.9 17.4 26.2#

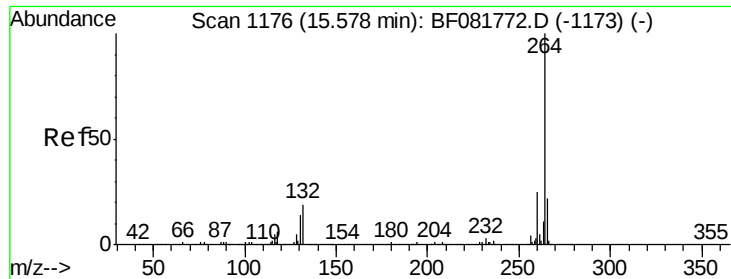


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.58 min Scan# 1176
Delta R.T. 0.00 min
Lab File: BF081806.D
Acq: 25 Sep 2015 16:44

Instrument :
BNA_F
ClientSampleId :
PB85698BL

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

