

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092515\
 Data File : BF081802.D
 Acq On : 25 Sep 2015 14:42
 Operator : UM/IZ
 Sample : G3708-10RE
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MGP201-40-41

Quant Time: Sep 25 23:17:03 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

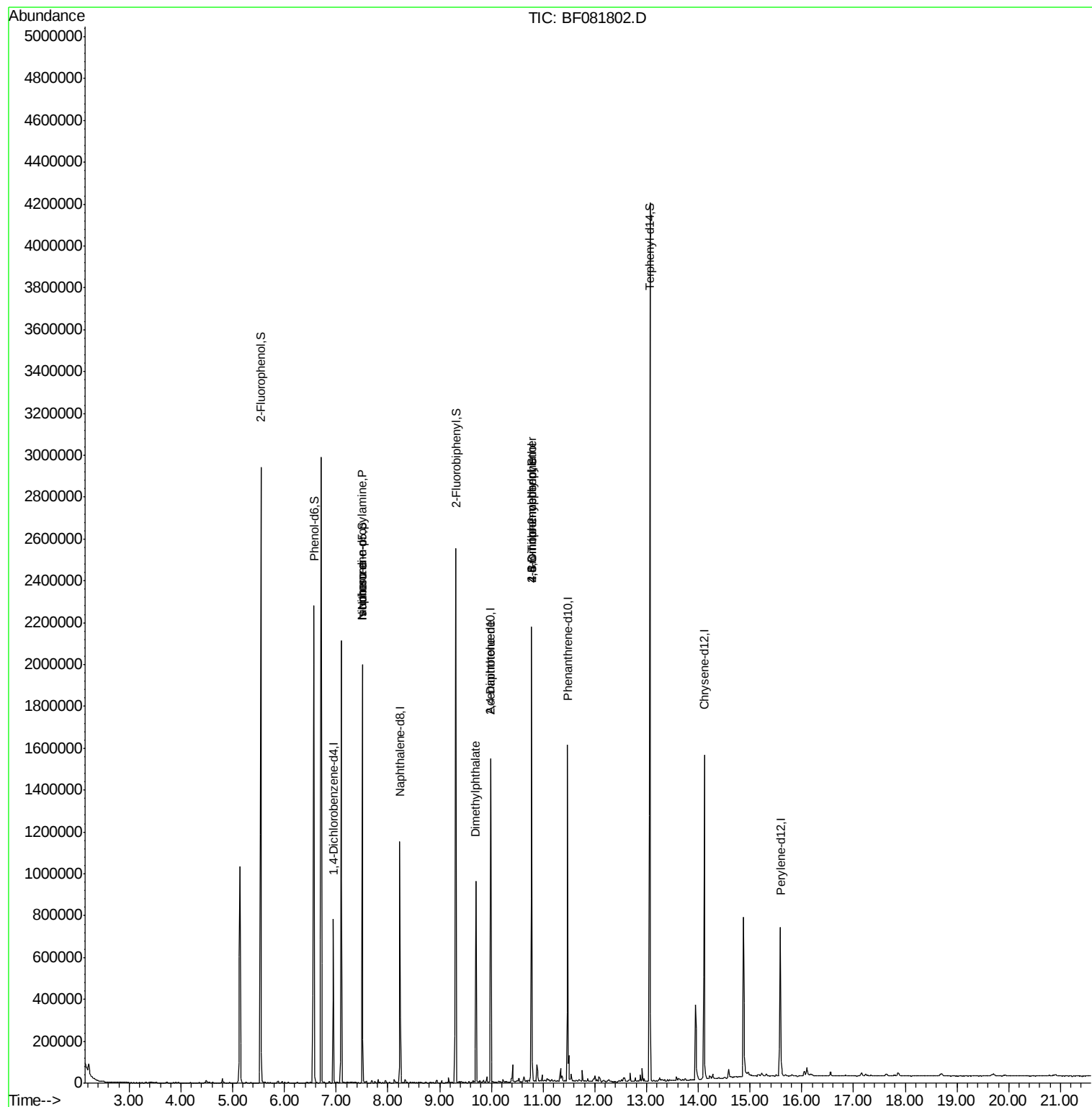
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	140382	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	522188	20.00	ng	-0.01
38) Acenaphthene-d10	9.99	164	290174	20.00	ng	-0.01
63) Phenanthrene-d10	11.47	188	553119	20.00	ng	0.00
75) Chrysene-d12	14.12	240	546813	20.00	ng	0.00
86) Perylene-d12	15.59	264	415626	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	810192	97.64	ng	0.00
7) Phenol-d6	6.57	99	1176871	112.13	ng	0.00
23) Nitrobenzene-d5	7.51	82	614303	77.62	ng	-0.01
41) 2,4,6-Tribromophenol	10.78	330	266995	105.98	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	1266262	71.63	ng	0.00
78) Terphenyl-d14	13.06	244	1298016	54.22	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.51	70	81657	11.67	ng	# 62
25) Isophorone	7.51	82	502044	28.63	ng	# 58
49) Dimethylphthalate	9.70	163	370052	16.76	ng	# 98
56) 2,4-Dinitrotoluene	9.99	165	37924	7.43	ng	# 33
64) 4,6-Dinitro-2-methylphenol	10.78	198	533	8.07	ng	# 1
66) 4-Bromophenyl-phenylether	10.78	248	19018	3.09	ng	# 1

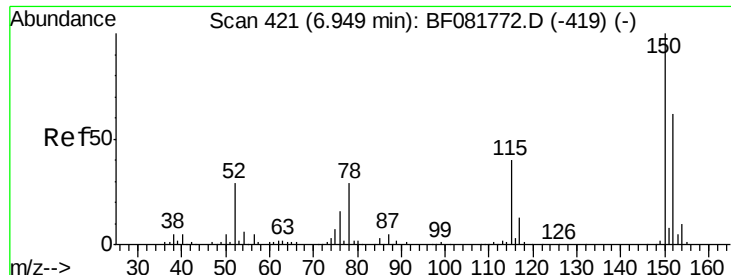
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.95 min Scan# 421

Delta R.T. 0.00 min

Lab File: BF081802.D

Acq: 25 Sep 2015 14:42

Instrument :

BNA_F

ClientSampleId :

MGP201-40-41

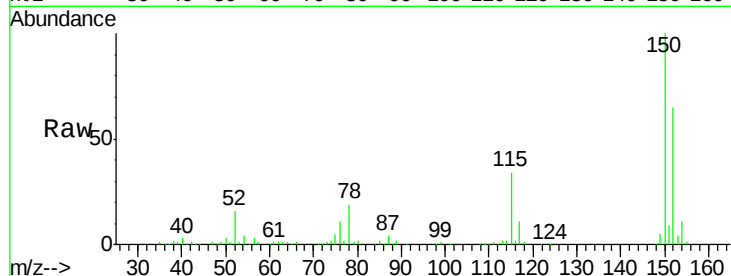
Tgt Ion:152 Resp: 140382

Ion Ratio Lower Upper

152 100

150 154.2 124.7 187.1

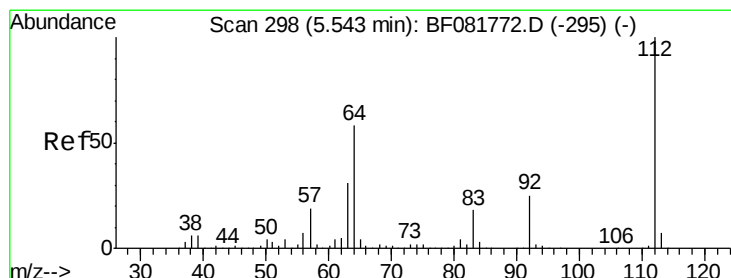
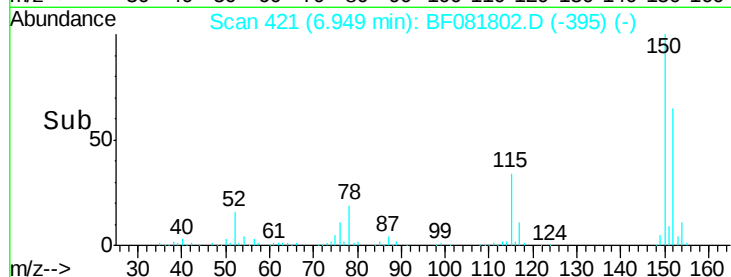
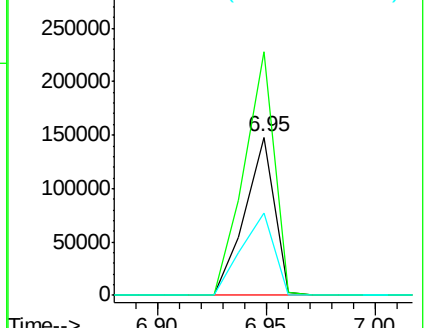
115 51.9 39.0 58.4



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: 97.64 ng

RT: 5.54 min Scan# 298

Delta R.T. 0.00 min

Lab File: BF081802.D

Acq: 25 Sep 2015 14:42

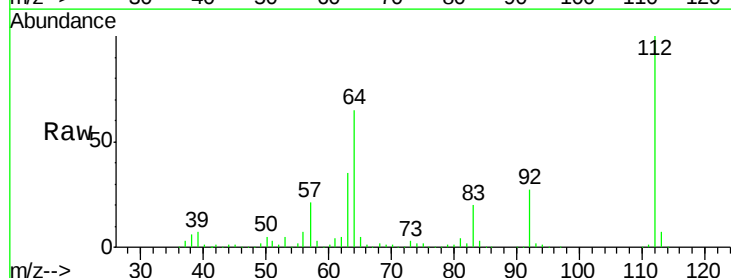
Tgt Ion:112 Resp: 810192

Ion Ratio Lower Upper

112 100

64 65.2 39.7 59.5#

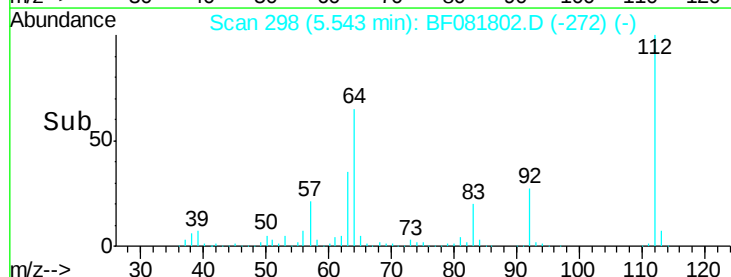
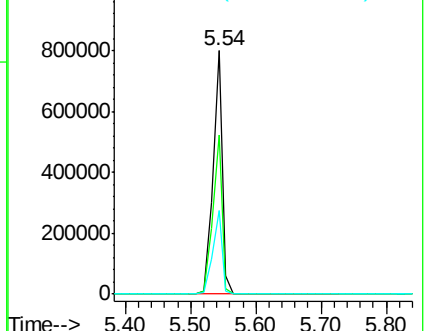
63 34.6 17.4 26.0#

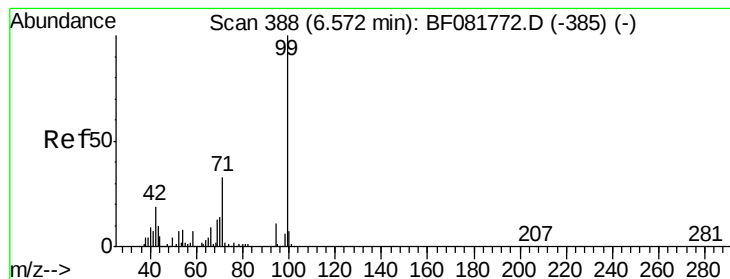


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 112.13 ng

RT: 6.57 min Scan# 388

Delta R.T. 0.00 min

Lab File: BF081802.D

Acq: 25 Sep 2015 14:42

Instrument :

BNA_F

ClientSampleId :

MGP201-40-41

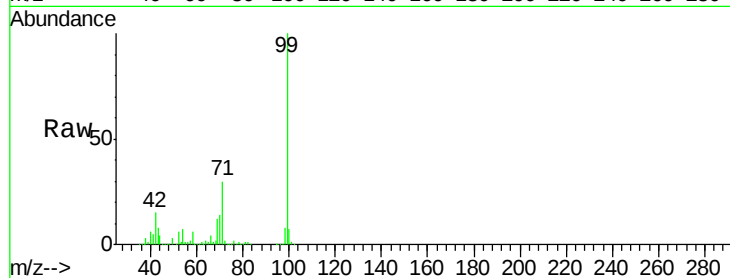
Tgt Ion: 99 Resp: 1176871

Ion Ratio Lower Upper

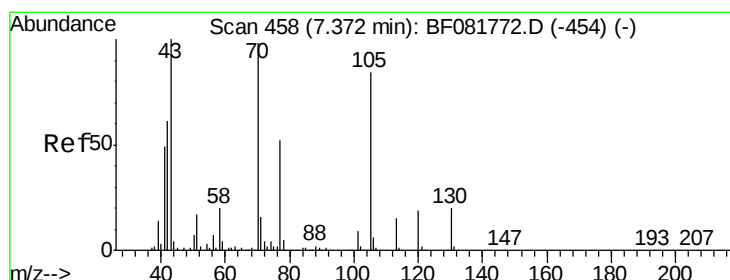
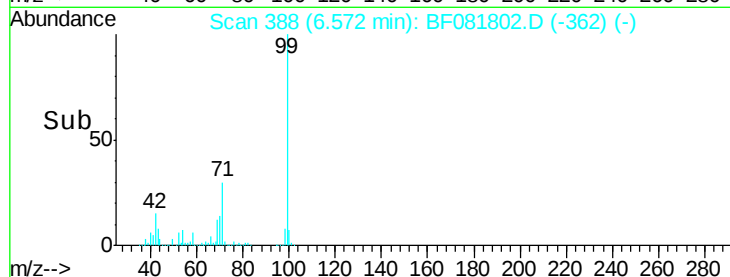
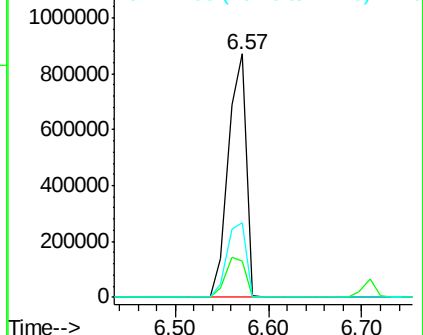
99 100

42 15.0 13.7 20.5

71 30.5 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: 11.67 ng

RT: 7.51 min Scan# 470

Delta R.T. 0.14 min

Lab File: BF081802.D

Acq: 25 Sep 2015 14:42

Tgt Ion: 70 Resp: 81657

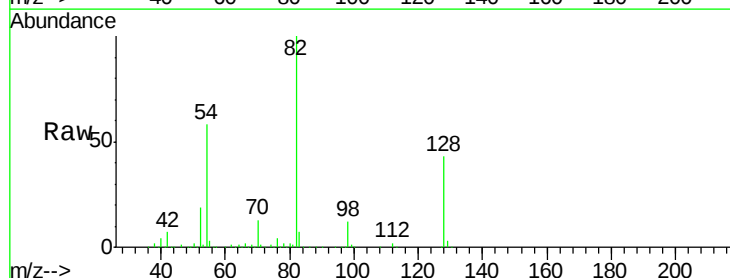
Ion Ratio Lower Upper

70 100

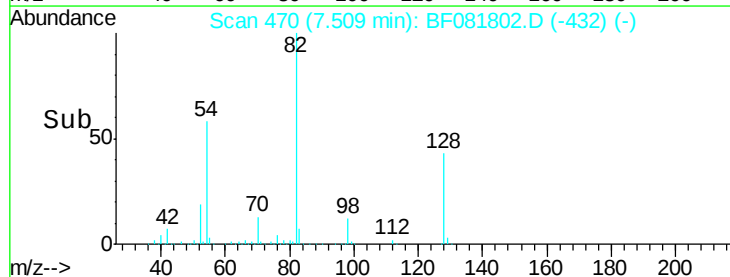
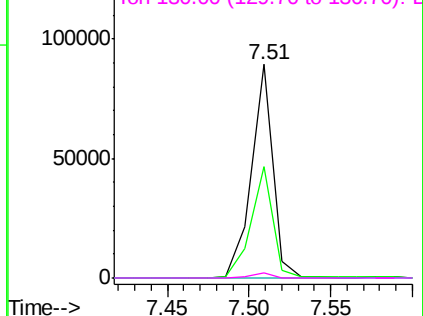
42 52.3 63.8 95.6#

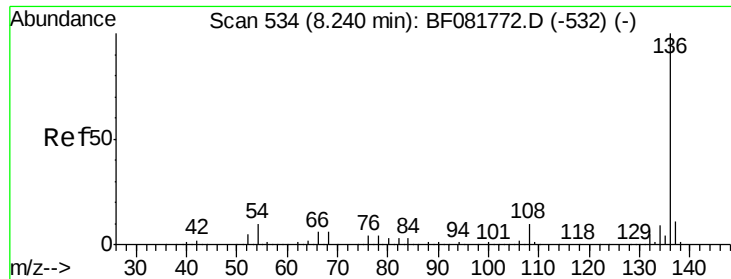
101 0.0 9.2 13.8#

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): E
Ion 130.00 (129.70 to 130.70): E

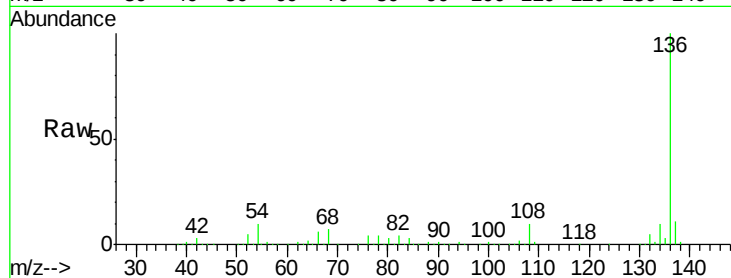




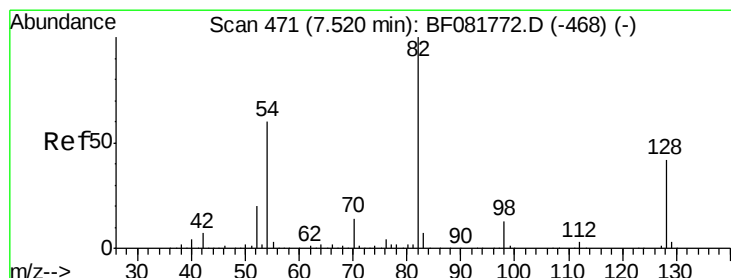
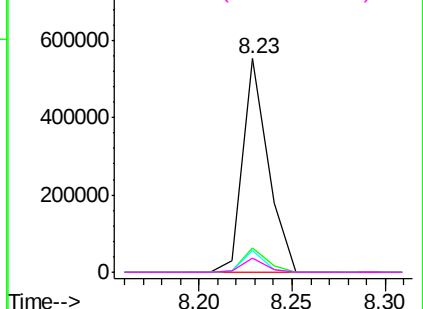
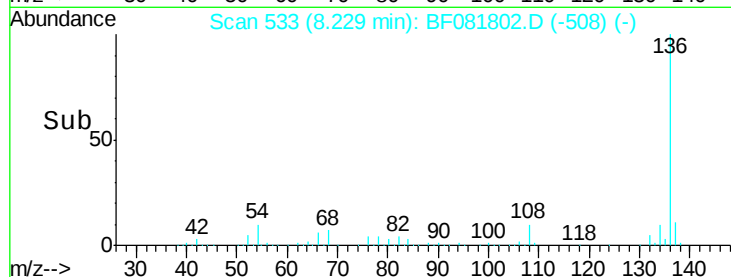
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.23 min Scan# 533
Delta R.T. -0.01 min
Lab File: BF081802.D
Acq: 25 Sep 2015 14:42

Instrument :
BNA_F
ClientSampleId :
MGP201-40-41

Tgt Ion:	136	Resp:	522188
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.6
54	10.4	8.2	12.2
68	6.9	5.8	8.6

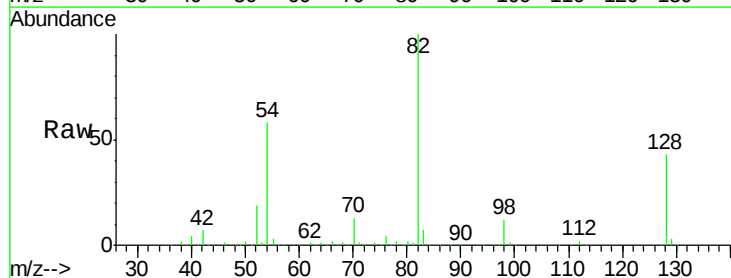


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

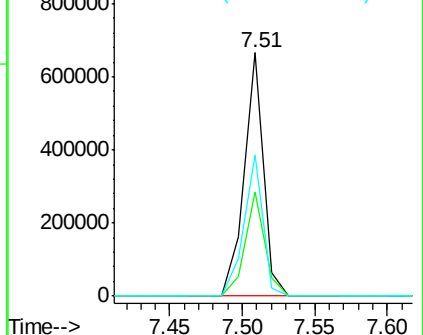
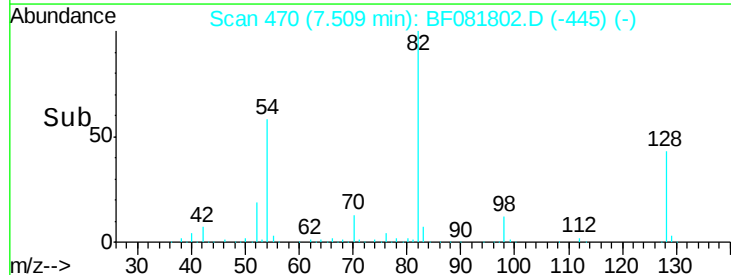


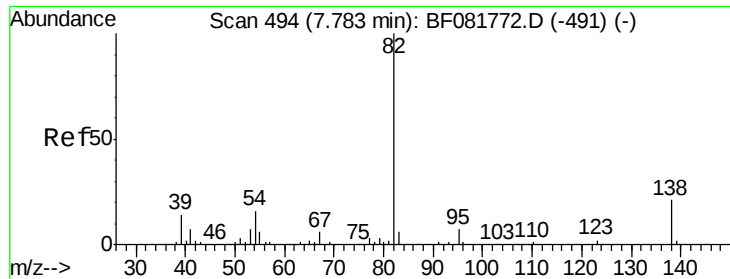
#23
Nitrobenzene-d5
Concen: 77.62 ng
RT: 7.51 min Scan# 470
Delta R.T. -0.01 min
Lab File: BF081802.D
Acq: 25 Sep 2015 14:42

Tgt Ion:	82	Resp:	614303
Ion	Ratio	Lower	Upper
82	100		
128	42.5	51.0	76.6#
54	58.1	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

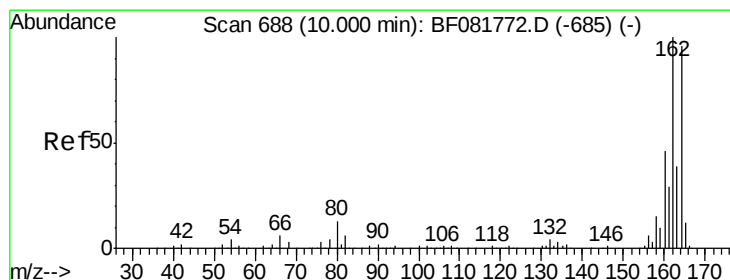
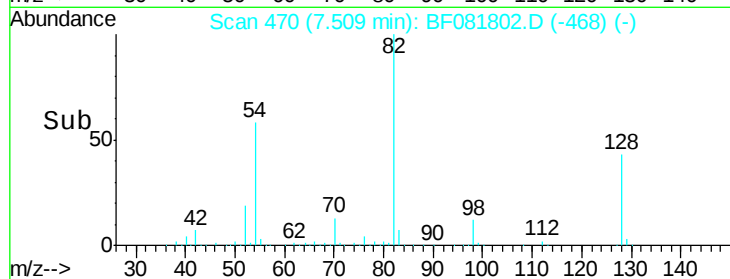
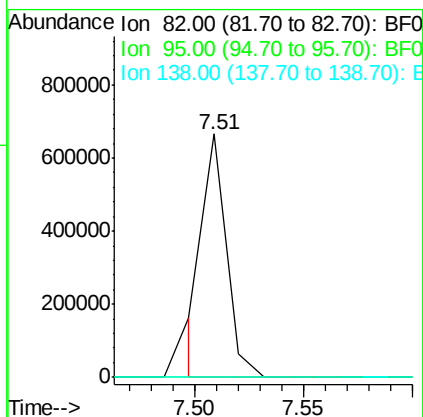
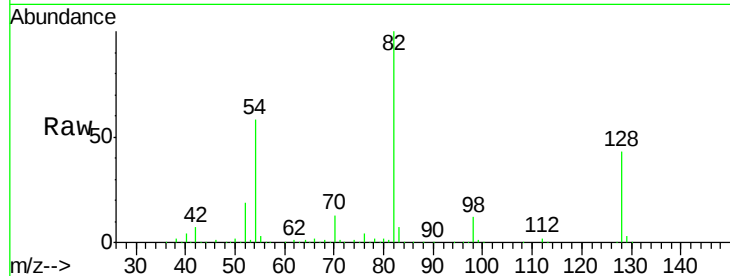




#25
Isophorone
Concen: 28.63 ng
RT: 7.51 min Scan# 470
Delta R.T. -0.27 min
Lab File: BF081802.D
Acq: 25 Sep 2015 14:42

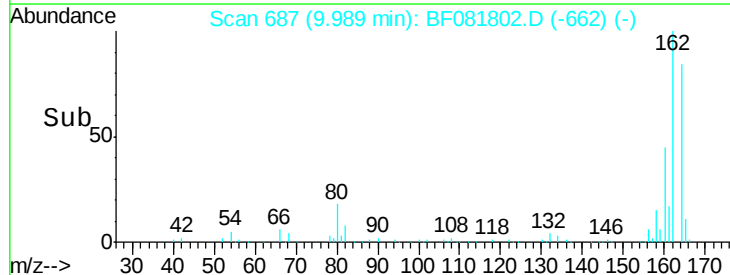
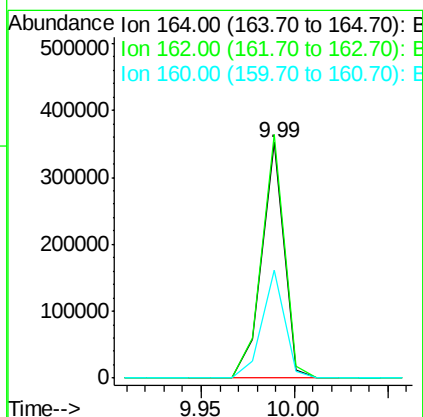
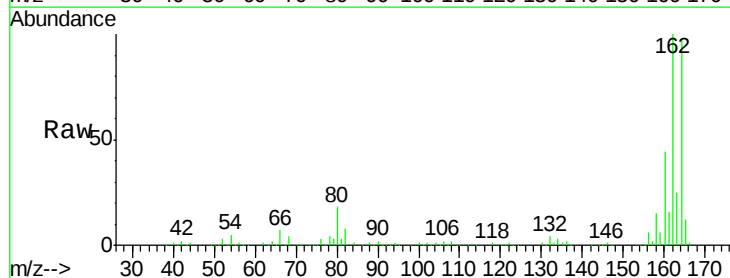
Instrument :
BNA_F
ClientSampleId :
MGP201-40-41

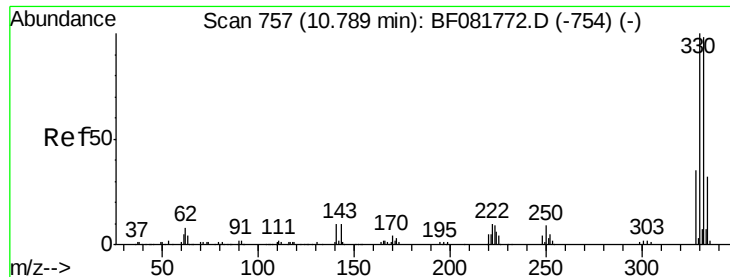
Tgt Ion: 82 Resp: 502044
Ion Ratio Lower Upper
82 100
95 0.0 4.0 6.0#
138 0.0 18.3 27.5#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.99 min Scan# 687
Delta R.T. -0.01 min
Lab File: BF081802.D
Acq: 25 Sep 2015 14:42

Tgt Ion: 164 Resp: 290174
Ion Ratio Lower Upper
164 100
162 103.4 75.2 112.8
160 45.8 31.5 47.3

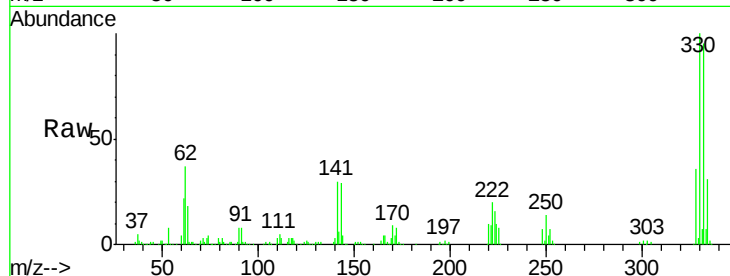




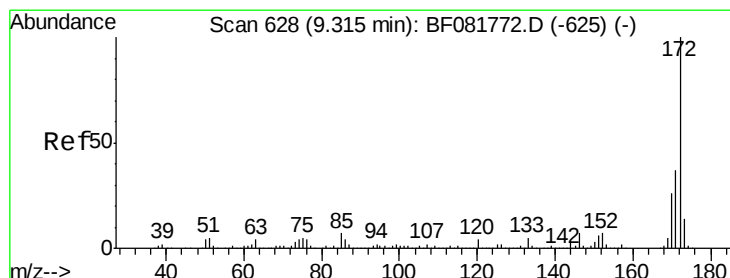
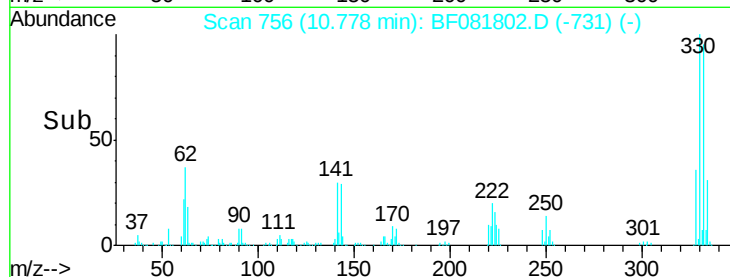
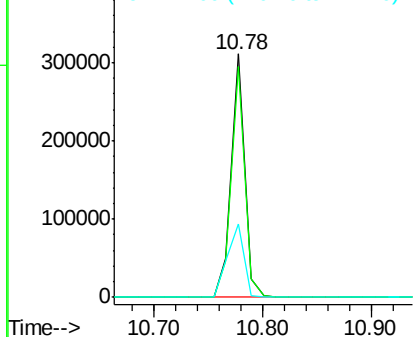
#41
 2,4,6-Tribromophenol
 Concen: 105.98 ng
 RT: 10.78 min Scan# 756
 Delta R.T. -0.01 min
 Lab File: BF081802.D
 Acq: 25 Sep 2015 14:42

Instrument :
 BNA_F
 ClientSampleId :
 MGP201-40-41

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.9	76.6	114.8
141	37.0	29.7	44.5

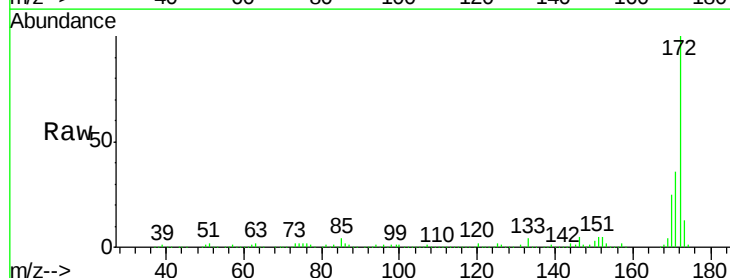


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

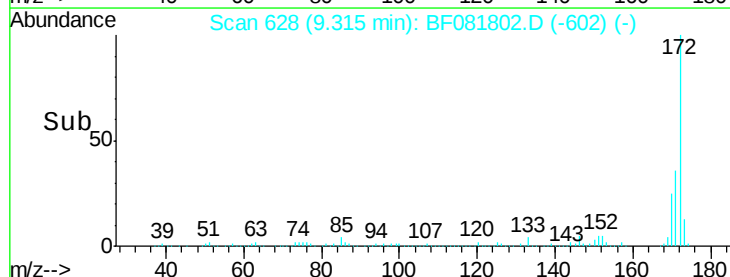
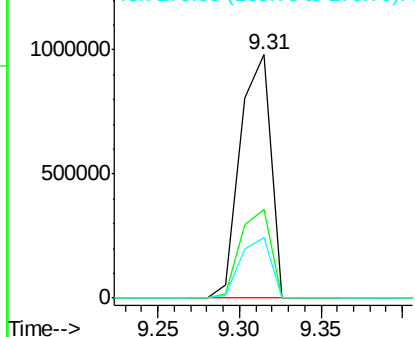


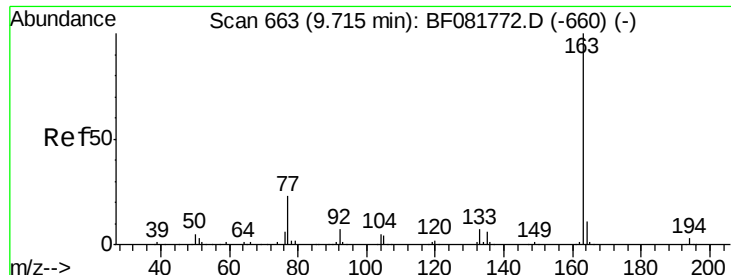
#44
 2-Fluorobiphenyl
 Concen: 71.63 ng
 RT: 9.31 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF081802.D
 Acq: 25 Sep 2015 14:42

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	26.1	39.1
170	24.7	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

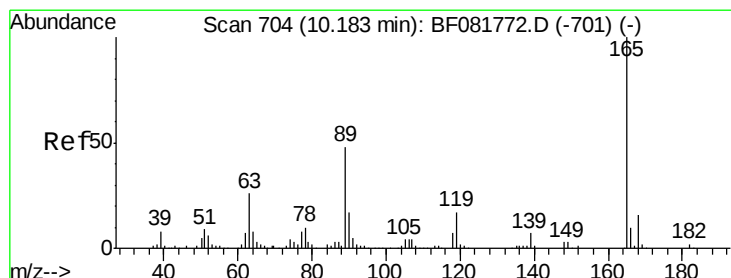
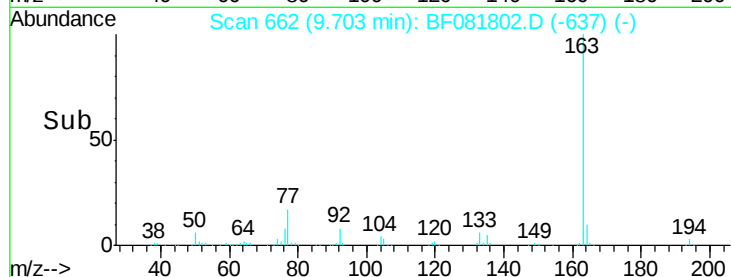
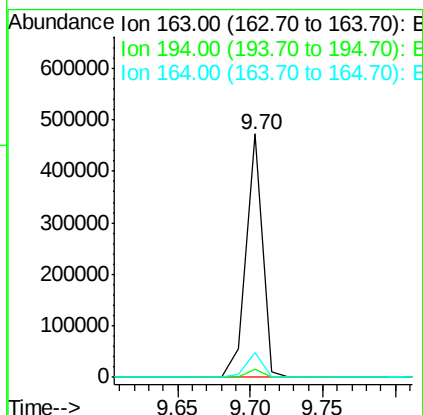
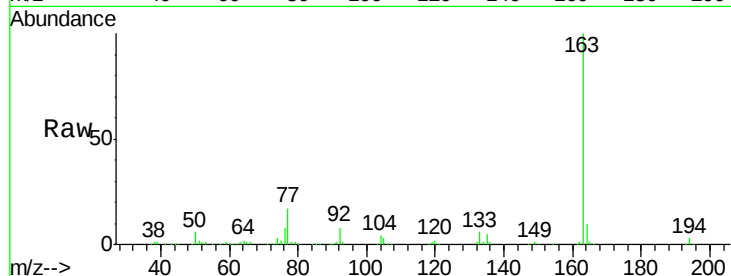




#49
Dimethylphthalate
Concen: 16.76 ng
RT: 9.70 min Scan# 662
Delta R.T. -0.01 min
Lab File: BF081802.D
Acq: 25 Sep 2015 14:42

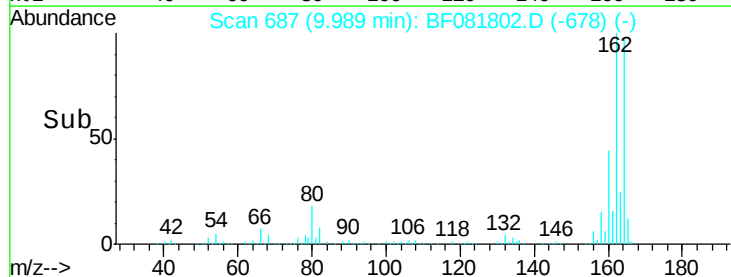
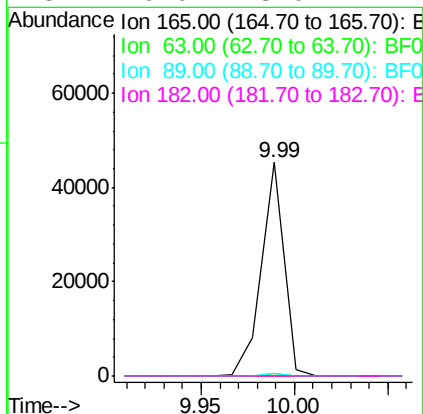
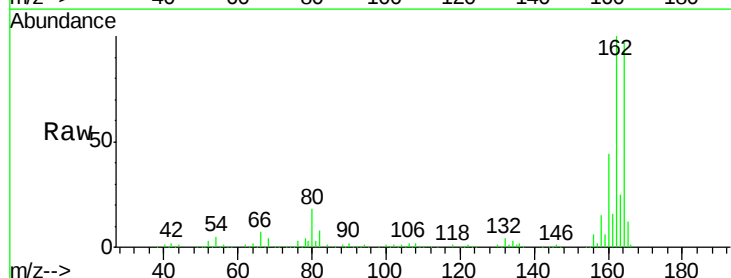
Instrument :
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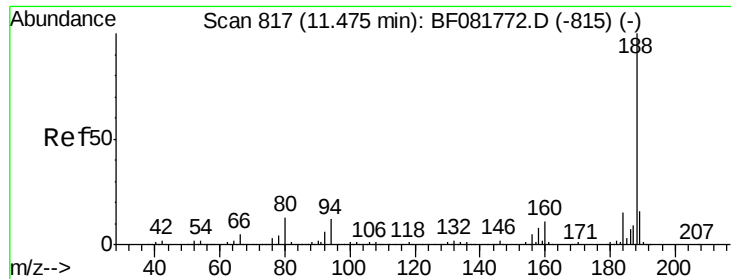
Tgt Ion:163 Resp: 370052
Ion Ratio Lower Upper
163 100
194 3.5 4.4 6.6#
164 10.2 8.3 12.5



#56
2,4-Dinitrotoluene
Concen: 7.43 ng
RT: 9.99 min Scan# 687
Delta R.T. -0.19 min
Lab File: BF081802.D
Acq: 25 Sep 2015 14:42

Tgt Ion:165 Resp: 37924
Ion Ratio Lower Upper
165 100
63 1.2 29.8 44.6#
89 1.4 44.5 66.7#
182 0.0 3.0 4.4#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.47 min Scan# 817

Delta R.T. 0.00 min

Lab File: BF081802.D

Acq: 25 Sep 2015 14:42

Instrument :

BNA_F

ClientSampleId :

MGP201-40-41

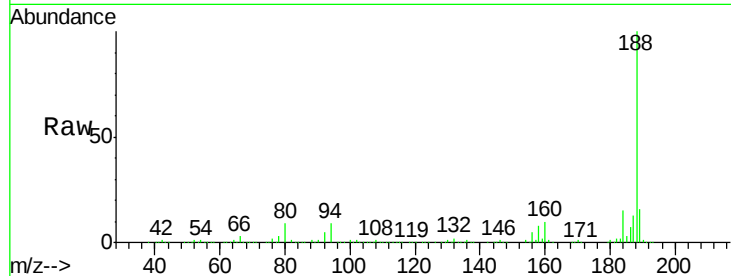
Tgt Ion:188 Resp: 553119

Ion Ratio Lower Upper

188 100

94 8.5 11.1 16.7#

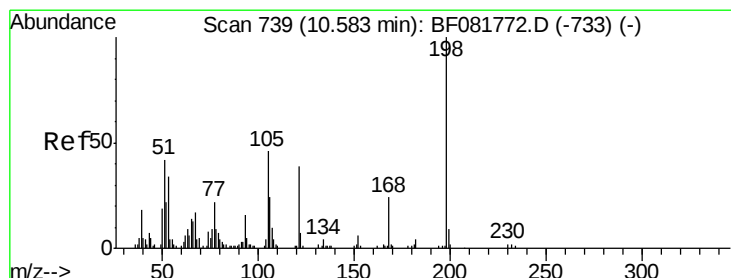
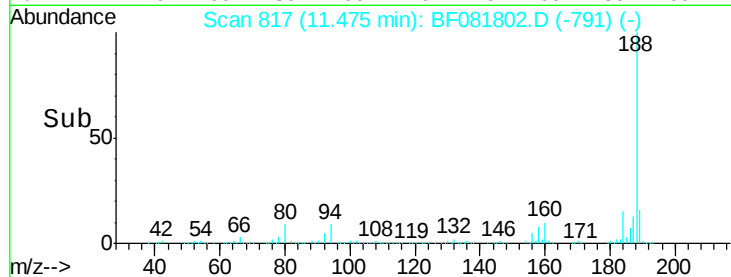
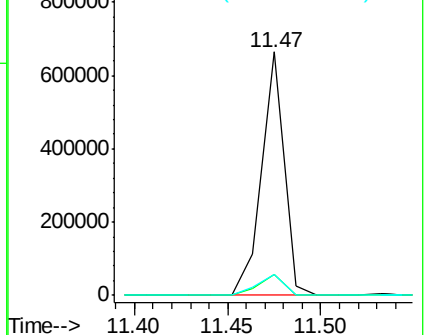
80 8.7 11.0 16.4#



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: 8.07 ng

RT: 10.78 min Scan# 756

Delta R.T. 0.19 min

Lab File: BF081802.D

Acq: 25 Sep 2015 14:42

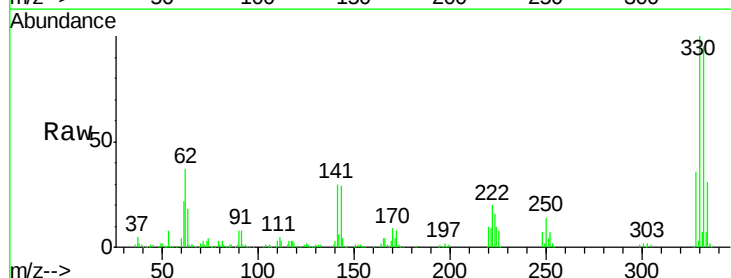
Tgt Ion:198 Resp: 533

Ion Ratio Lower Upper

198 100

51 128.8 39.6 79.6#

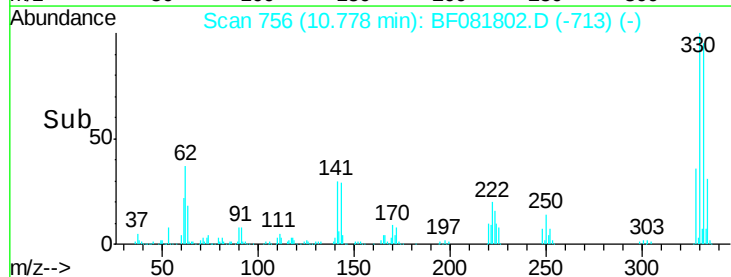
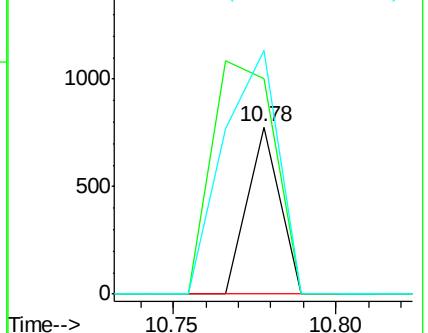
105 145.8 28.5 68.5#

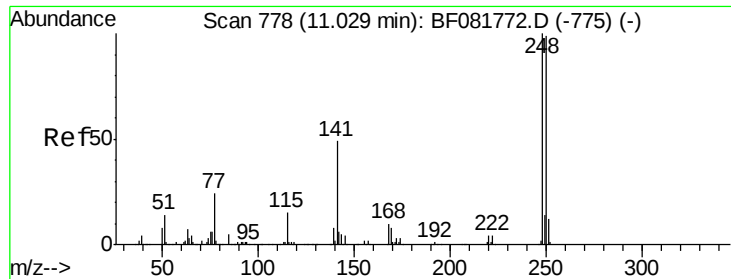


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#66

4-Bromophenyl-phenylether

Concen: 3.09 ng

RT: 10.78 min Scan# 756

Delta R.T. -0.25 min

Lab File: BF081802.D

Acq: 25 Sep 2015 14:42

Instrument :

BNA_F

ClientSampleId :

MGP201-40-41

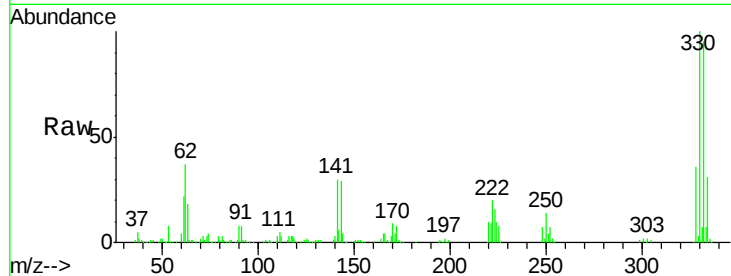
Tgt Ion:248 Resp: 19018

Ion Ratio Lower Upper

248 100

250 201.1 78.5 117.7#

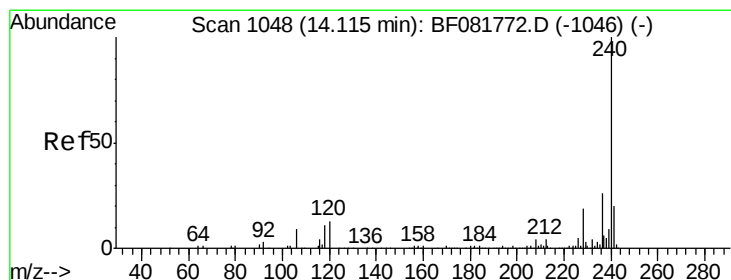
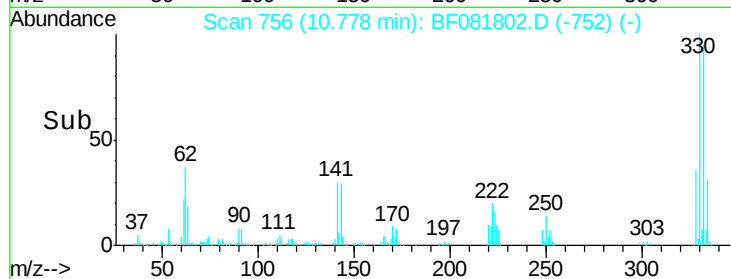
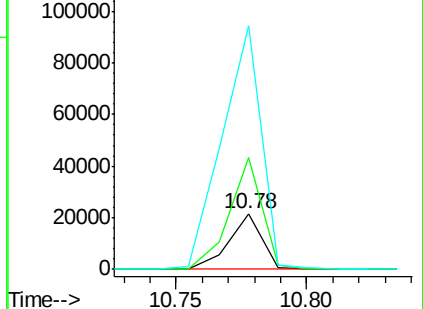
141 437.0 59.0 88.6#



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: 14.12 min Scan# 1048

Delta R.T. 0.00 min

Lab File: BF081802.D

Acq: 25 Sep 2015 14:42

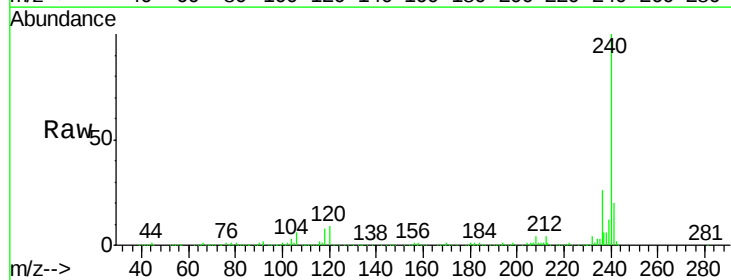
Tgt Ion:240 Resp: 546813

Ion Ratio Lower Upper

240 100

120 8.8 16.2 24.2#

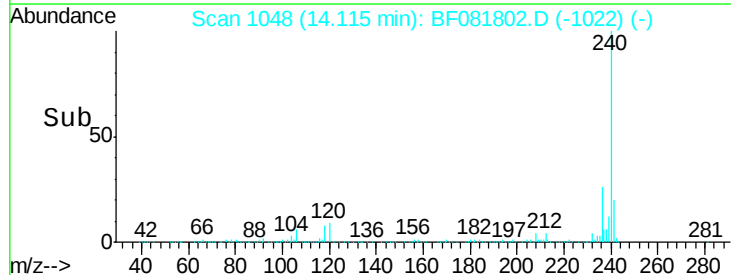
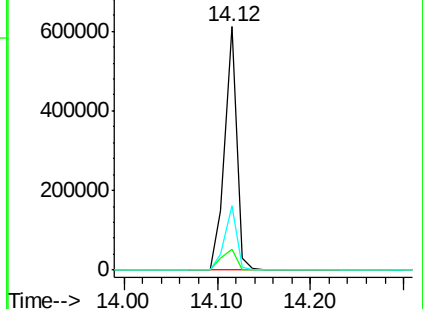
236 26.4 18.4 27.6

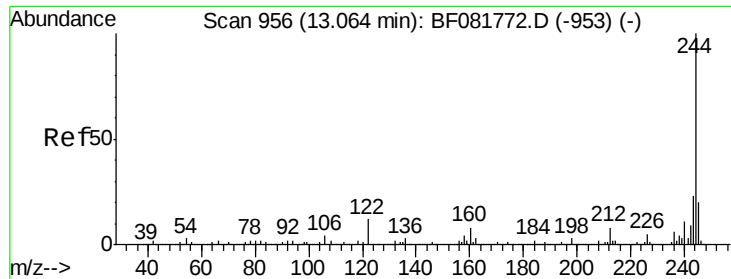


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

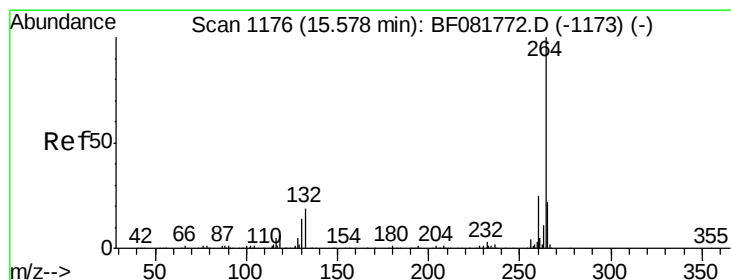
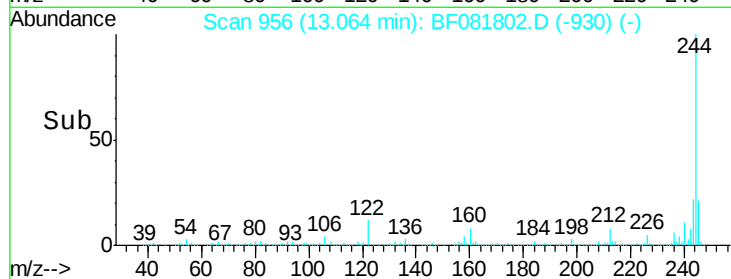
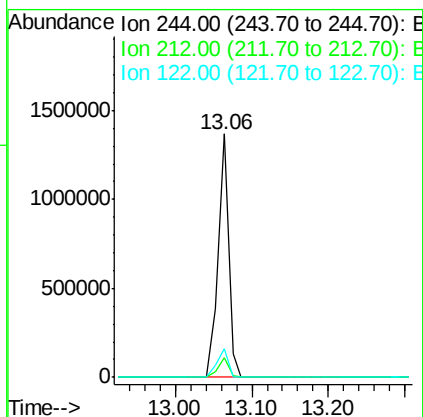
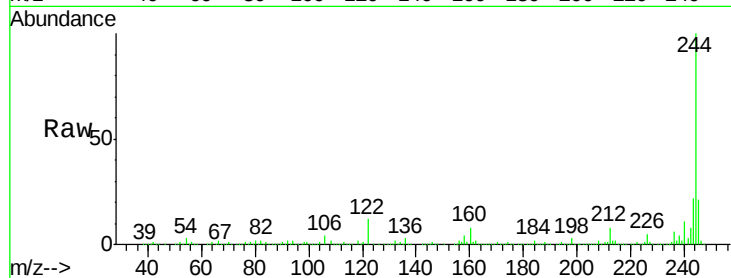




#78
 Terphenyl-d14
 Concen: 54.22 ng
 RT: 13.06 min Scan# 956
 Delta R.T. 0.00 min
 Lab File: BF081802.D
 Acq: 25 Sep 2015 14:42

Instrument :
 BNA_F
 ClientSampleId :
 MGP201-40-41

Tgt Ion:244 Resp: 1298016
 Ion Ratio Lower Upper
 244 100
 212 8.2 4.3 6.5#
 122 11.6 17.4 26.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.59 min Scan# 1177
 Delta R.T. 0.01 min
 Lab File: BF081802.D
 Acq: 25 Sep 2015 14:42

Tgt Ion:264 Resp: 415626
 Ion Ratio Lower Upper
 264 100
 260 23.9 16.7 25.1
 265 21.3 17.2 25.8

