

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092515\
 Data File : BF081803.D
 Acq On : 25 Sep 2015 15:12
 Operator : UM/IZ
 Sample : G3708-03RE
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MGP209BR-29-30

Quant Time: Sep 25 23:17:22 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

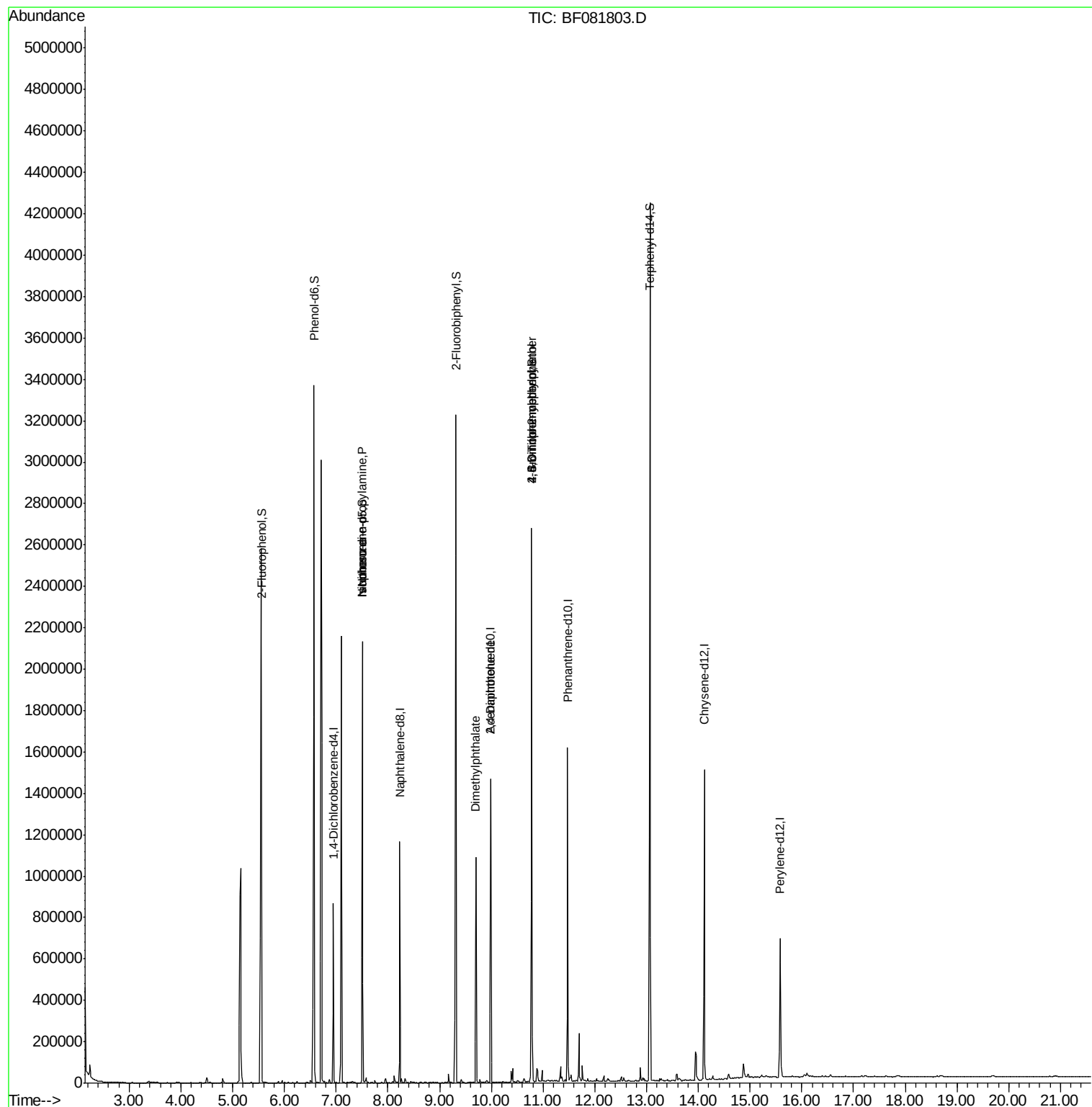
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	141960	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	520364	20.00	ng	-0.01
38) Acenaphthene-d10	9.99	164	282209	20.00	ng	-0.01
63) Phenanthrene-d10	11.47	188	549580	20.00	ng	0.00
75) Chrysene-d12	14.12	240	519631	20.00	ng	0.00
86) Perylene-d12	15.58	264	368261	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	1081367	128.87	ng	0.01
7) Phenol-d6	6.57	99	1316526	124.04	ng	0.00
23) Nitrobenzene-d5	7.51	82	740498	93.89	ng	-0.01
41) 2,4,6-Tribromophenol	10.78	330	311215	127.02	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	1432720	83.34	ng	0.00
78) Terphenyl-d14	13.06	244	1388860	61.05	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.51	70	97575	13.79	ng	# 61
25) Isophorone	7.51	82	600152	34.35	ng	# 58
49) Dimethylphthalate	9.70	163	427163	19.89	ng	# 97
56) 2,4-Dinitrotoluene	9.99	165	36349	7.32	ng	# 34
64) 4,6-Dinitro-2-methylphenol	10.78	198	651	8.23	ng	# 1
66) 4-Bromophenyl-phenylether	10.78	248	22695	3.71	ng	# 1

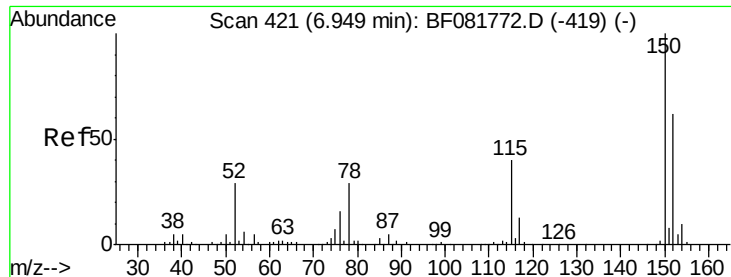
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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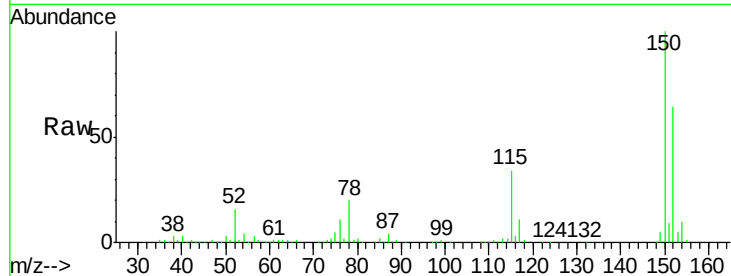


#1

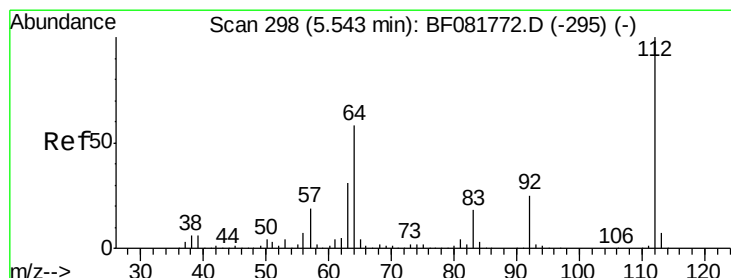
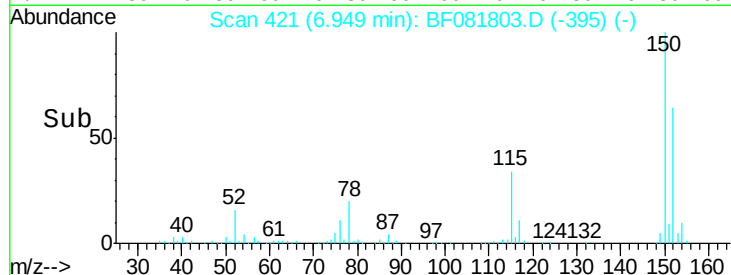
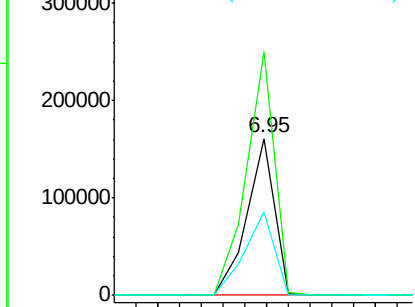
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.95 min Scan# 421
 Delta R.T. -0.00 min
 Lab File: BF081803.D
 Acq: 25 Sep 2015 15:12

Instrument :
 BNA_F
 ClientSampleId :
 MGP209BR-29-30

Tgt Ion:152 Resp: 141960
 Ion Ratio Lower Upper
 152 100
 150 155.5 124.7 187.1
 115 53.1 39.0 58.4



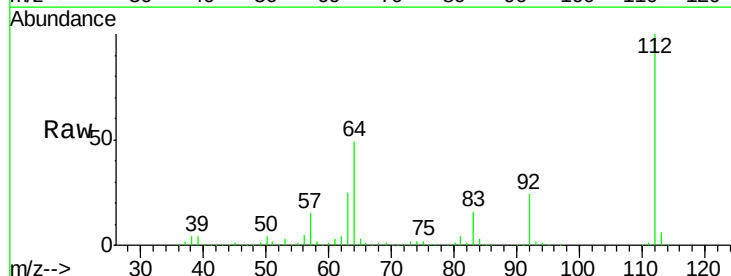
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



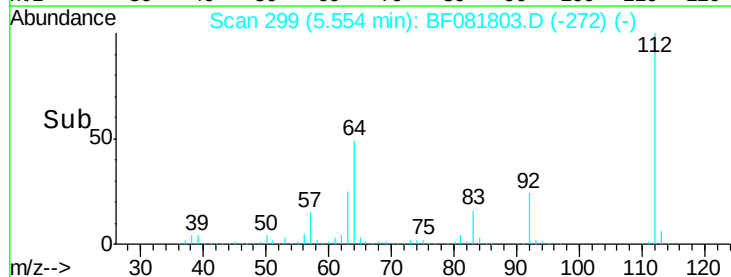
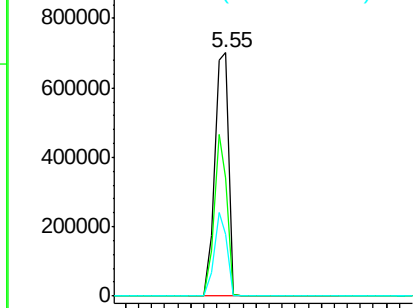
#5

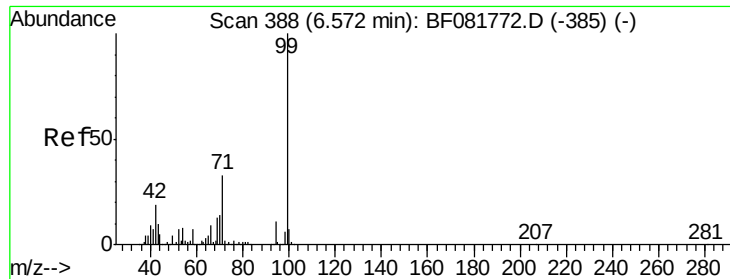
2-Fluorophenol
 Concen: 128.87 ng
 RT: 5.55 min Scan# 299
 Delta R.T. 0.01 min
 Lab File: BF081803.D
 Acq: 25 Sep 2015 15:12

Tgt Ion:112 Resp: 1081367
 Ion Ratio Lower Upper
 112 100
 64 48.8 39.7 59.5
 63 25.2 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: 124.04 ng

RT: 6.57 min Scan# 388

Delta R.T. -0.00 min

Lab File: BF081803.D

Acq: 25 Sep 2015 15:12

Instrument :

BNA_F

ClientSampleId :

MGP209BR-29-30

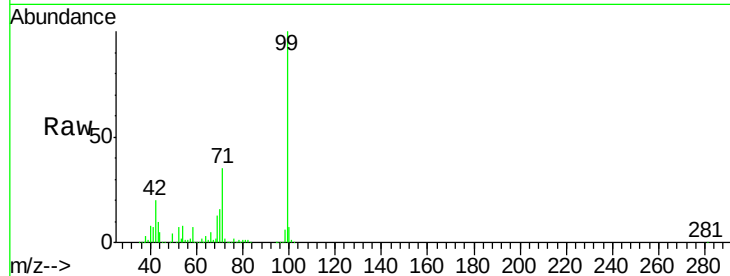
Tgt Ion: 99 Resp: 1316526

Ion Ratio Lower Upper

99 100

42 20.0 13.7 20.5

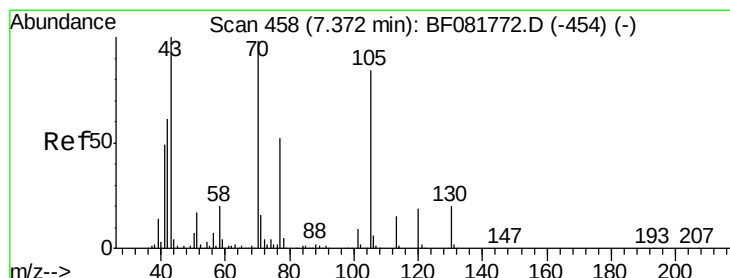
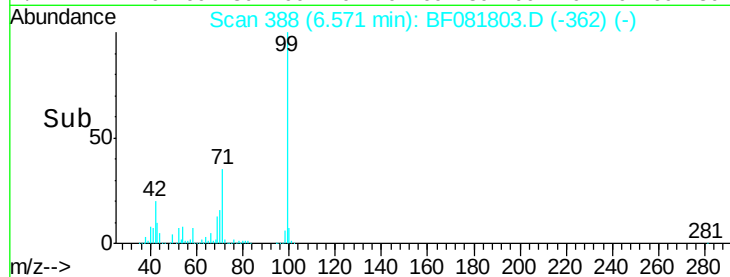
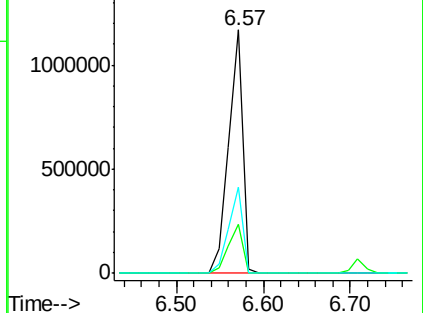
71 35.3 14.2 21.2#



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: 13.79 ng

RT: 7.51 min Scan# 470

Delta R.T. 0.14 min

Lab File: BF081803.D

Acq: 25 Sep 2015 15:12

Tgt Ion: 70 Resp: 97575

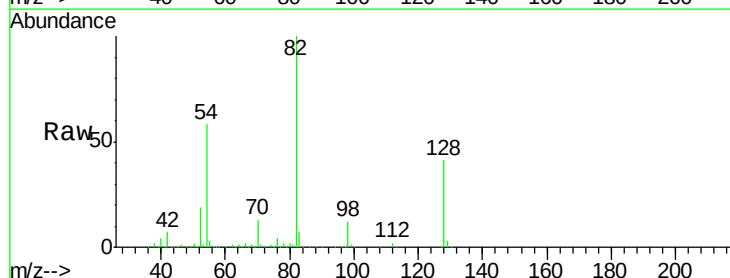
Ion Ratio Lower Upper

70 100

42 50.7 63.8 95.6#

101 0.0 9.2 13.8#

130 2.0 27.3 40.9#

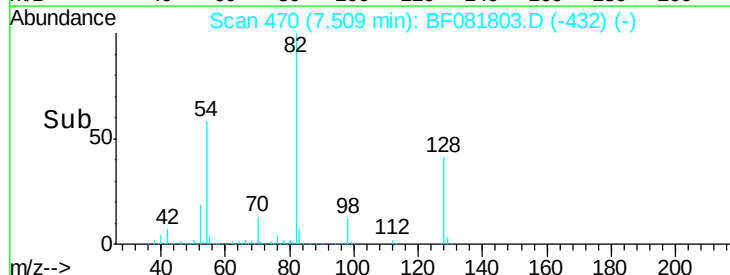
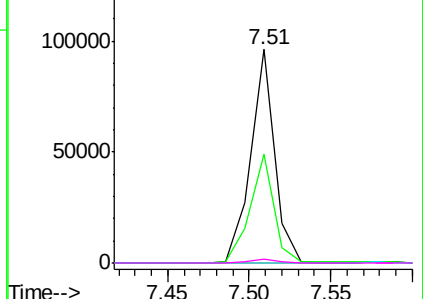


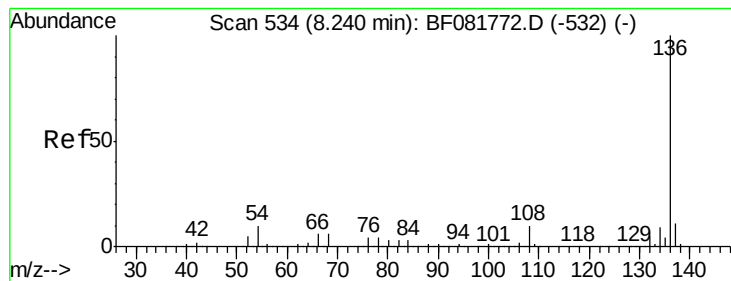
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

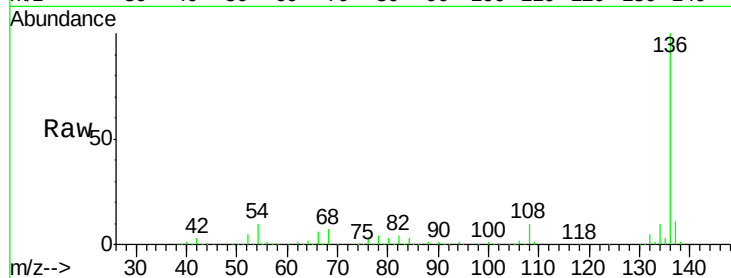




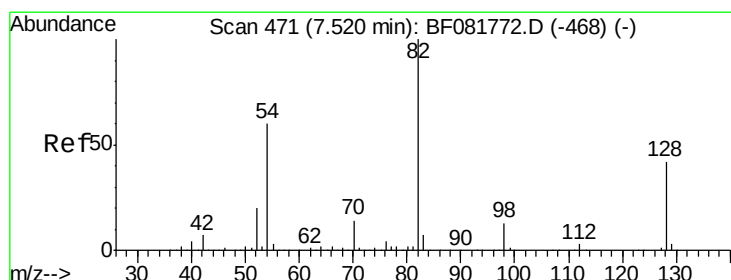
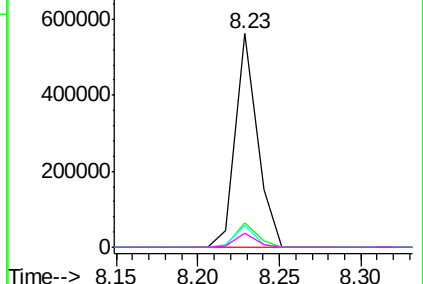
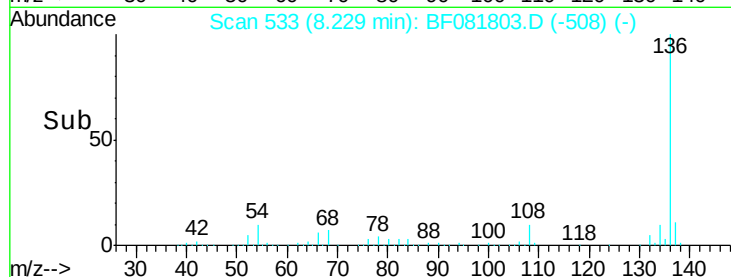
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.23 min Scan# 533
Delta R.T. -0.01 min
Lab File: BF081803.D
Acq: 25 Sep 2015 15:12

Instrument :
BNA_F
ClientSampleId :
MGP209BR-29-30

Tgt Ion:	136	Resp:	520364
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.0	13.6
54	10.2	8.2	12.2
68	6.8	5.8	8.6

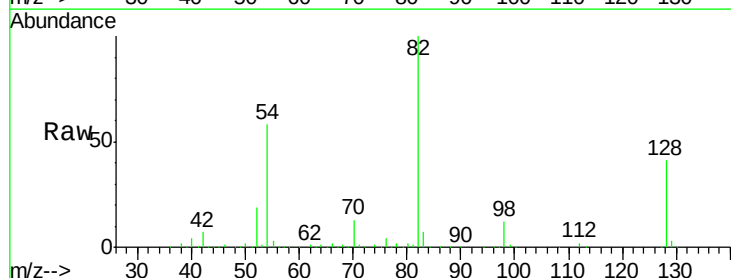


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

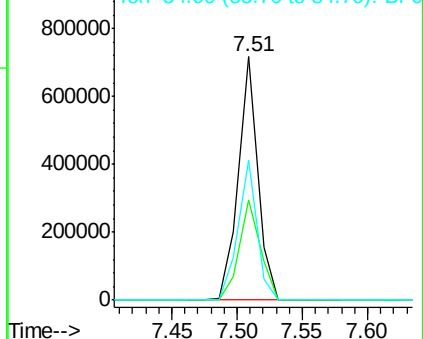
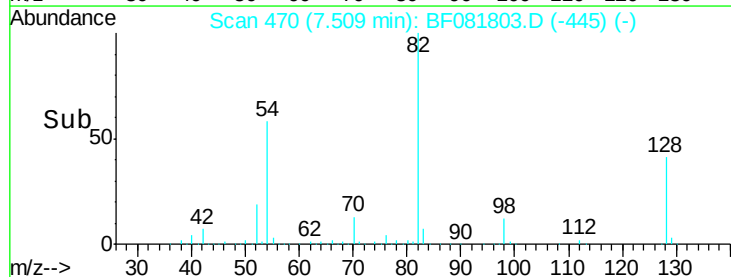


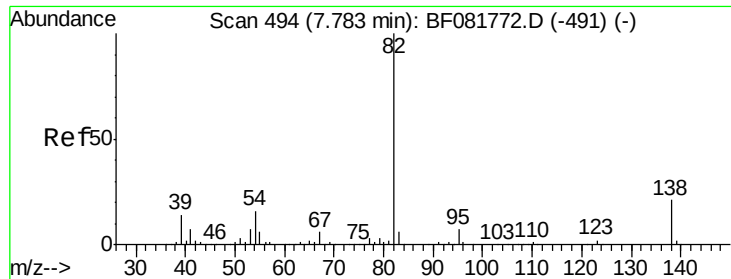
#23
Nitrobenzene-d5
Concen: 93.89 ng
RT: 7.51 min Scan# 470
Delta R.T. -0.01 min
Lab File: BF081803.D
Acq: 25 Sep 2015 15:12

Tgt Ion:	82	Resp:	740498
Ion	Ratio	Lower	Upper
82	100		
128	41.4	51.0	76.6#
54	57.6	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: 34.35 ng

RT: 7.51 min Scan# 470

Delta R.T. -0.27 min

Lab File: BF081803.D

Acq: 25 Sep 2015 15:12

Instrument :

BNA_F

ClientSampleId :

MGP209BR-29-30

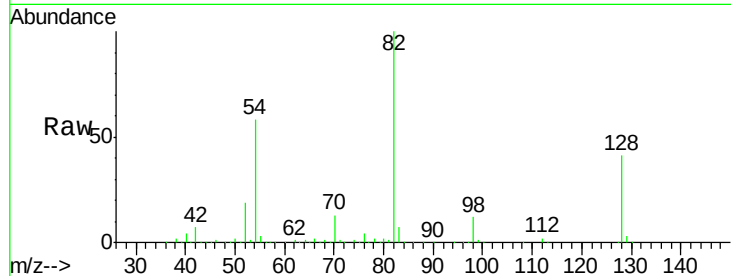
Tgt Ion: 82 Resp: 600152

Ion Ratio Lower Upper

82 100

95 0.0 4.0 6.0#

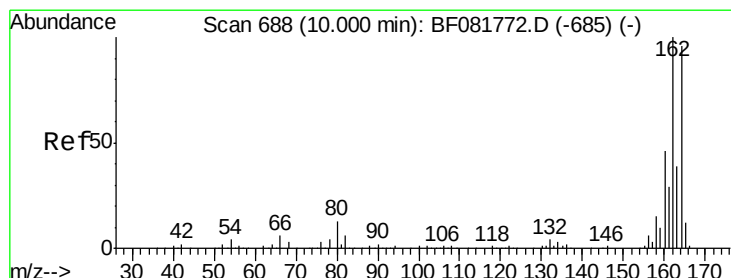
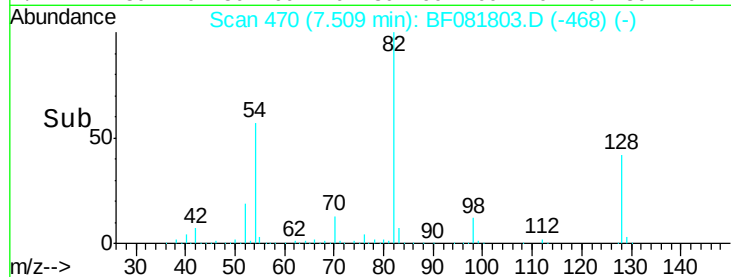
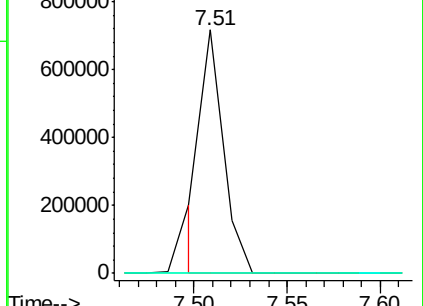
138 0.0 18.3 27.5#



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: 9.99 min Scan# 687

Delta R.T. -0.01 min

Lab File: BF081803.D

Acq: 25 Sep 2015 15:12

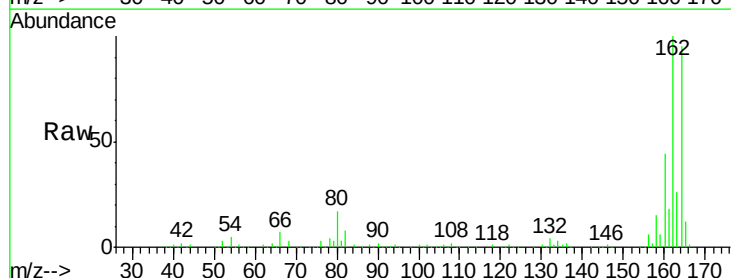
Tgt Ion: 164 Resp: 282209

Ion Ratio Lower Upper

164 100

162 105.3 75.2 112.8

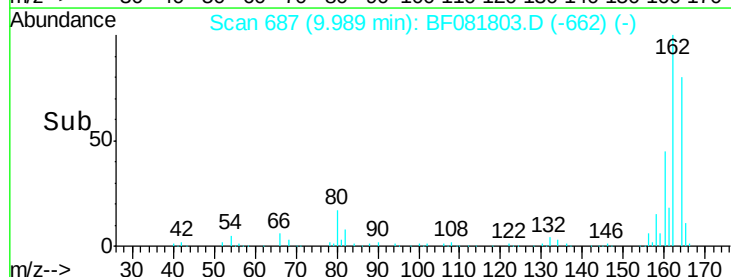
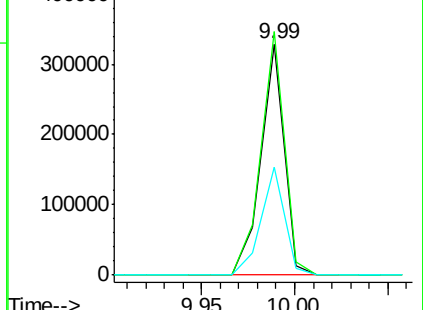
160 46.5 31.5 47.3

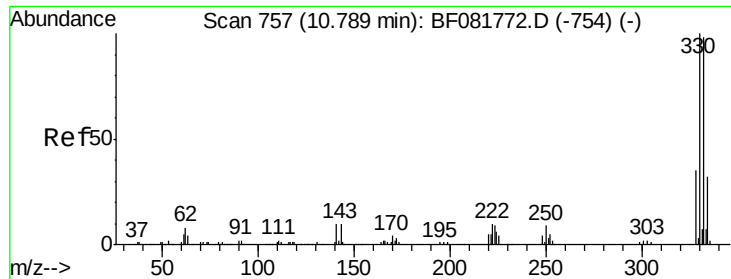


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

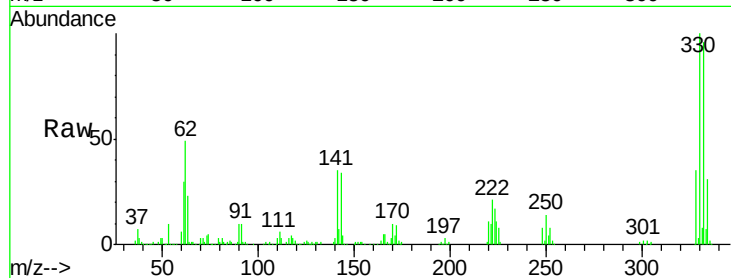




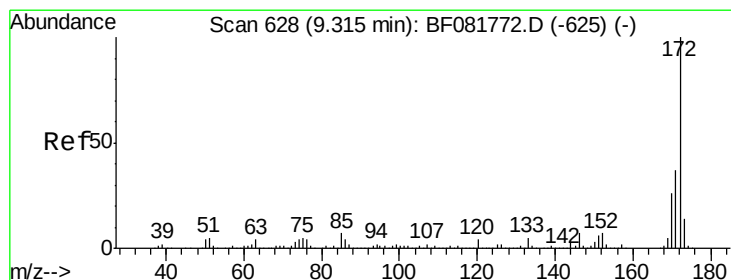
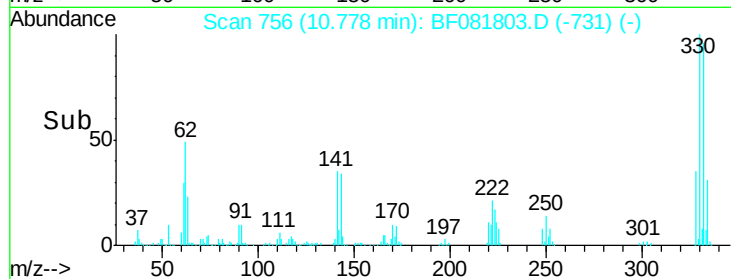
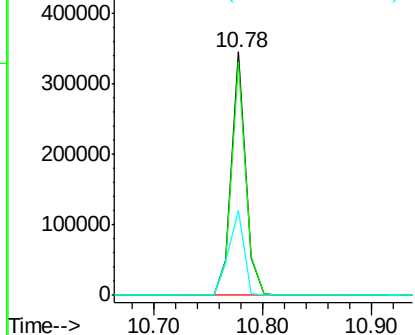
#41
 2,4,6-Tribromophenol
 Concen: 127.02 ng
 RT: 10.78 min Scan# 756
 Delta R.T. -0.01 min
 Lab File: BF081803.D
 Acq: 25 Sep 2015 15:12

Instrument :
 BNA_F
 ClientSampleId :
 MGP209BR-29-30

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.6	114.8
141	38.1	29.7	44.5

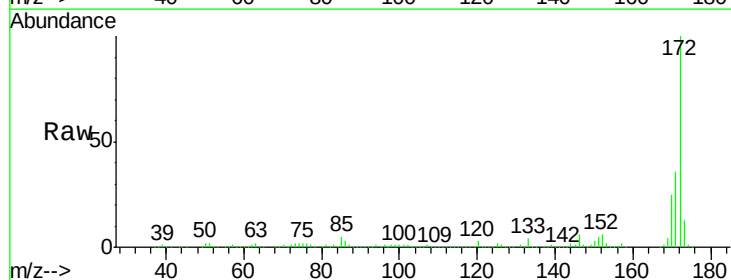


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

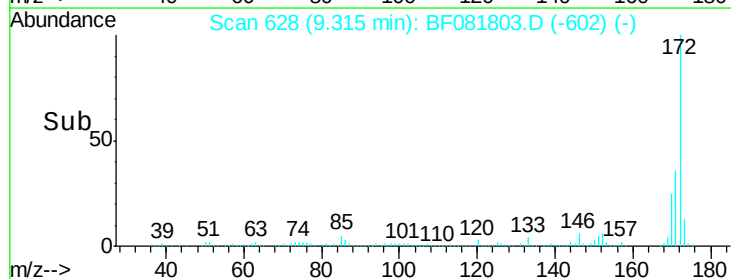
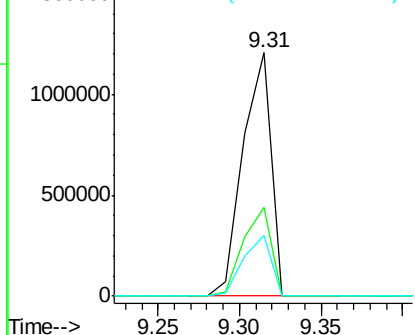


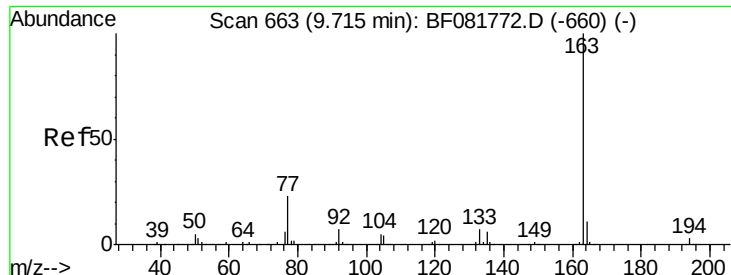
#44
 2-Fluorobiphenyl
 Concen: 83.34 ng
 RT: 9.31 min Scan# 628
 Delta R.T. -0.00 min
 Lab File: BF081803.D
 Acq: 25 Sep 2015 15:12

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	26.1	39.1
170	24.9	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

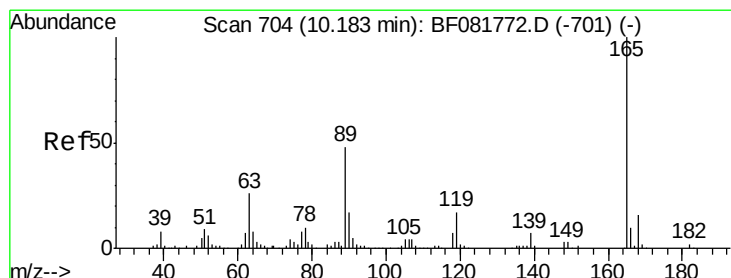
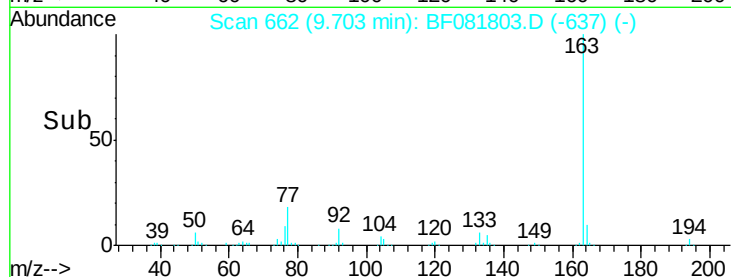
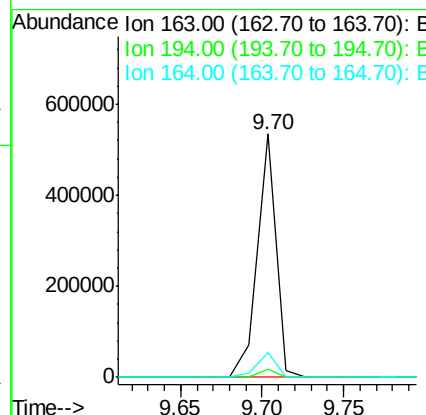
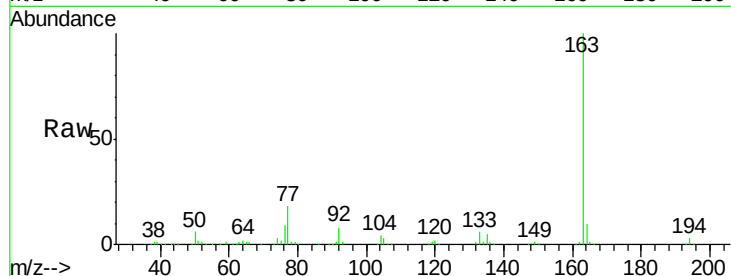




#49
Dimethylphthalate
Concen: 19.89 ng
RT: 9.70 min Scan# 662
Delta R.T. -0.01 min
Lab File: BF081803.D
Acq: 25 Sep 2015 15:12

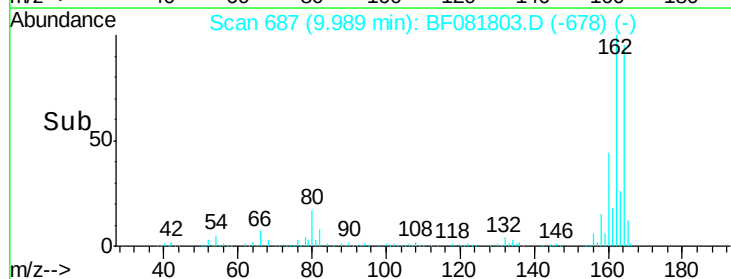
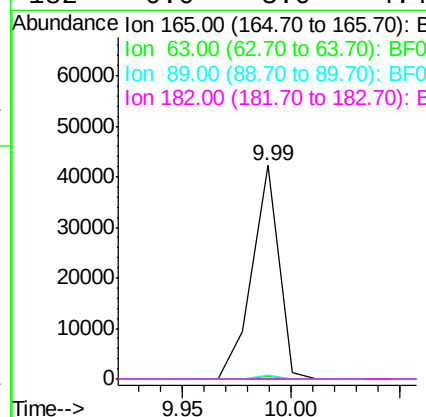
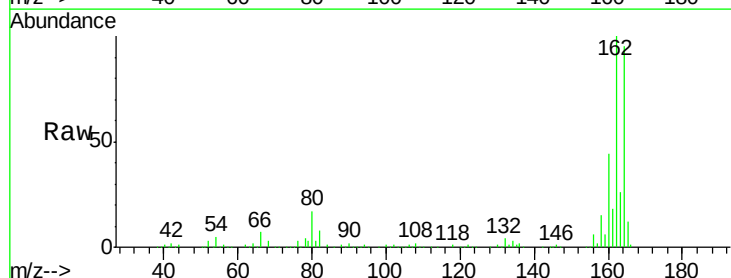
Instrument :
BNA_F
ClientSampleId :
MGP209BR-29-30

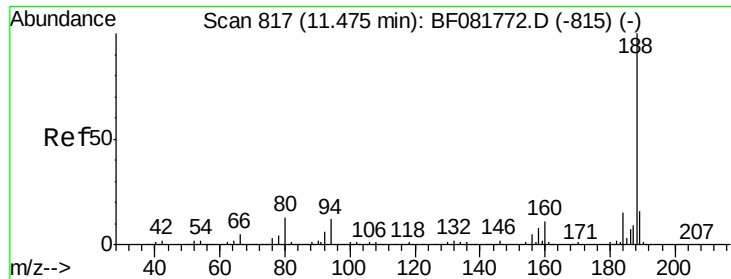
Tgt Ion:163 Resp: 427163
Ion Ratio Lower Upper
163 100
194 3.3 4.4 6.6#
164 10.1 8.3 12.5



#56
2,4-Dinitrotoluene
Concen: 7.32 ng
RT: 9.99 min Scan# 687
Delta R.T. -0.19 min
Lab File: BF081803.D
Acq: 25 Sep 2015 15:12

Tgt Ion:165 Resp: 36349
Ion Ratio Lower Upper
165 100
63 1.2 29.8 44.6#
89 1.5 44.5 66.7#
182 0.0 3.0 4.4#

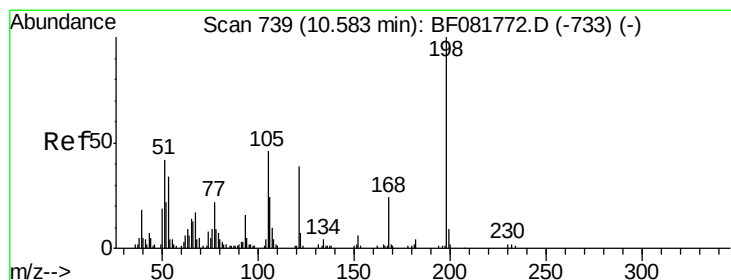
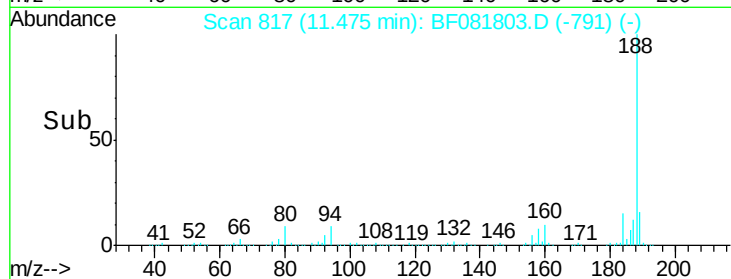
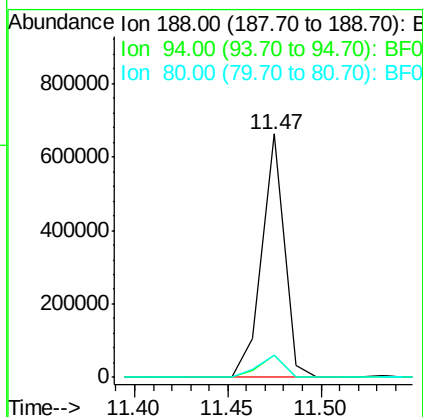
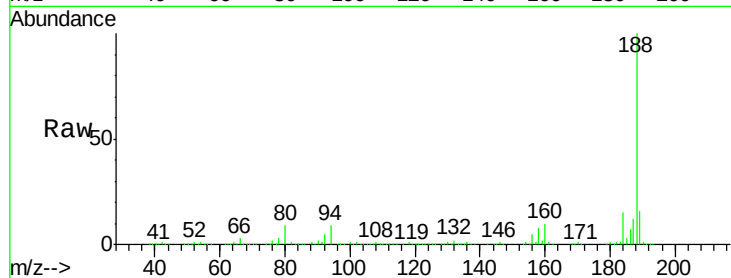




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.47 min Scan# 817
 Delta R.T. -0.00 min
 Lab File: BF081803.D
 Acq: 25 Sep 2015 15:12

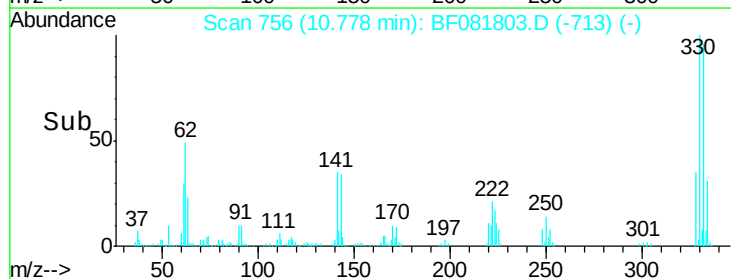
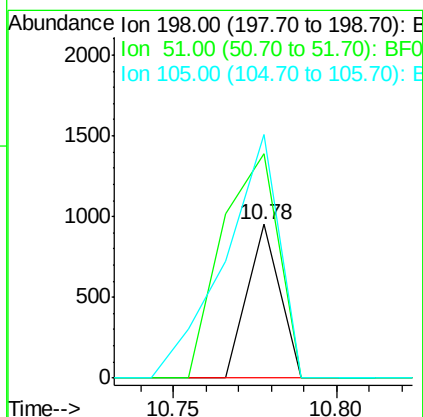
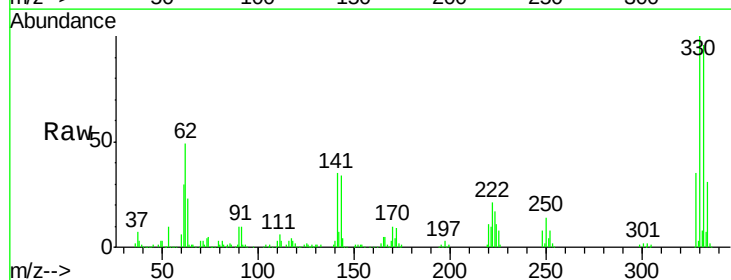
Instrument :
 BNA_F
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 MGP209BR-29-30

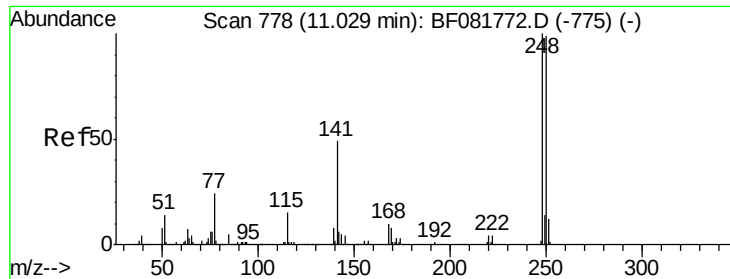
Tgt Ion:188 Resp: 549580
 Ion Ratio Lower Upper
 188 100
 94 8.9 11.1 16.7#
 80 9.3 11.0 16.4#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.23 ng
 RT: 10.78 min Scan# 756
 Delta R.T. 0.19 min
 Lab File: BF081803.D
 Acq: 25 Sep 2015 15:12

Tgt Ion:198 Resp: 651
 Ion Ratio Lower Upper
 198 100
 51 146.2 39.6 79.6#
 105 158.6 28.5 68.5#

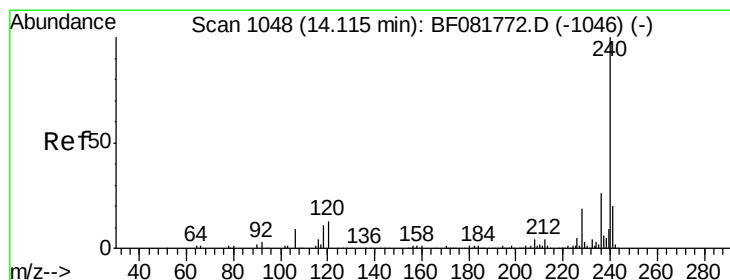
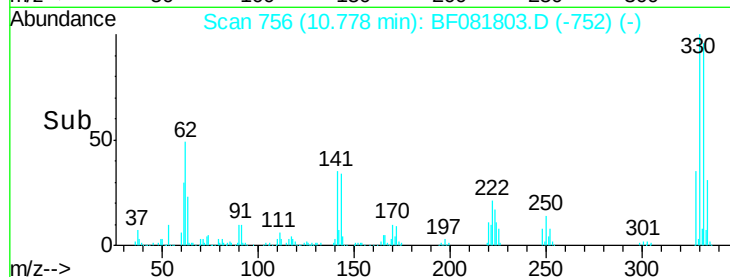
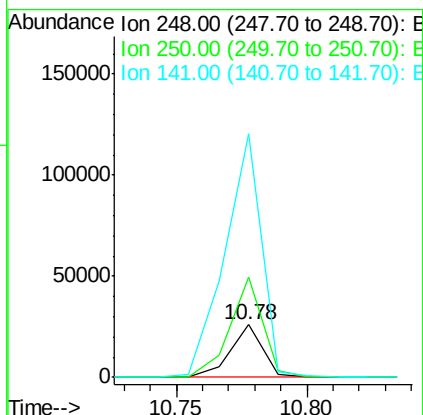
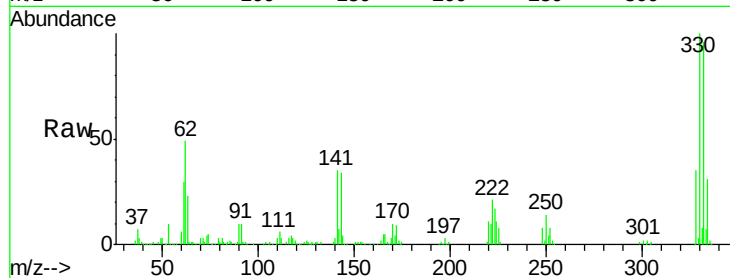




#66
4-Bromophenyl-phenylether
Concen: 3.71 ng
RT: 10.78 min Scan# 756
Delta R.T. -0.25 min
Lab File: BF081803.D
Acq: 25 Sep 2015 15:12

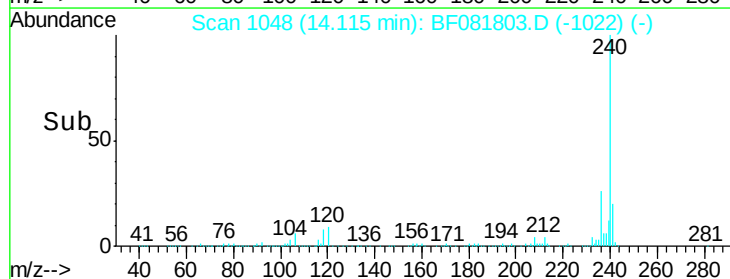
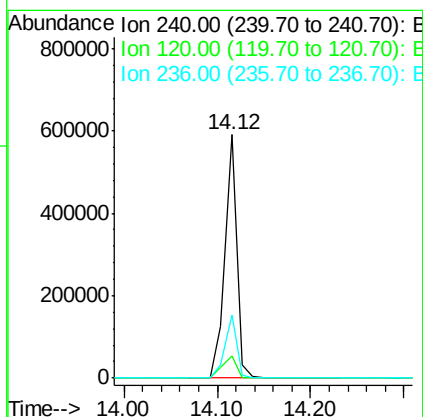
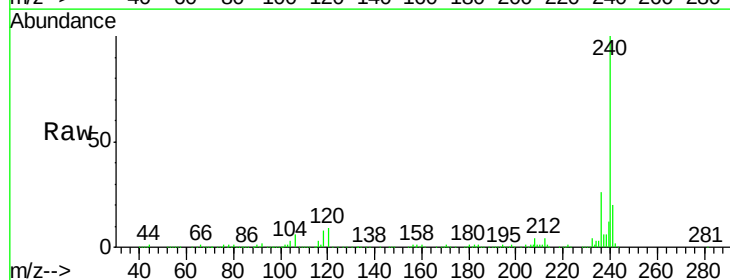
Instrument :
BNA_F
ClientSampleId :
MGP209BR-29-30

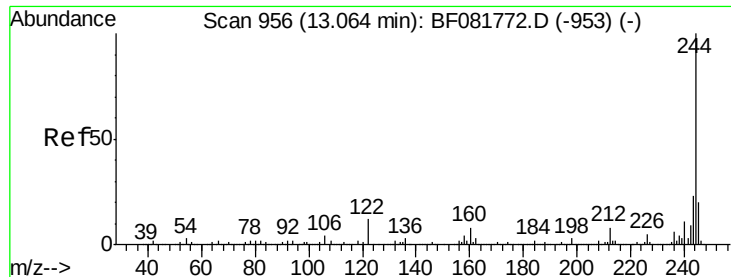
Tgt Ion:248 Resp: 22695
Ion Ratio Lower Upper
248 100
250 190.9 78.5 117.7#
141 463.4 59.0 88.6#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.12 min Scan# 1048
Delta R.T. -0.00 min
Lab File: BF081803.D
Acq: 25 Sep 2015 15:12

Tgt Ion:240 Resp: 519631
Ion Ratio Lower Upper
240 100
120 9.2 16.2 24.2#
236 26.2 18.4 27.6

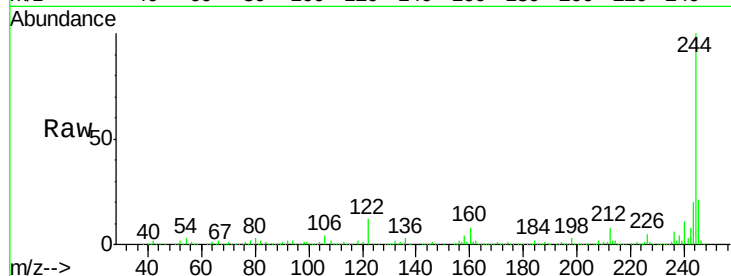




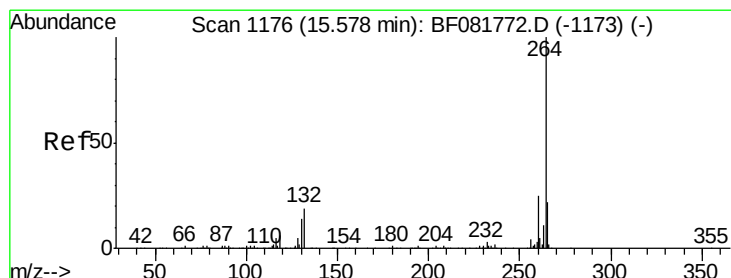
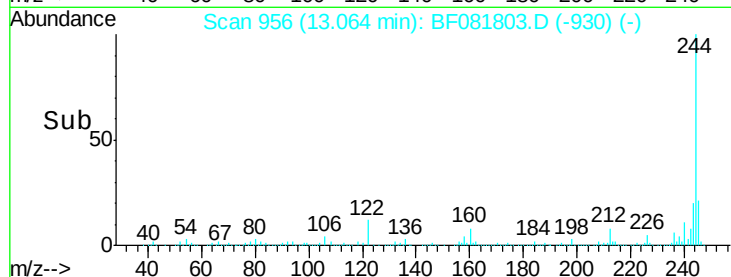
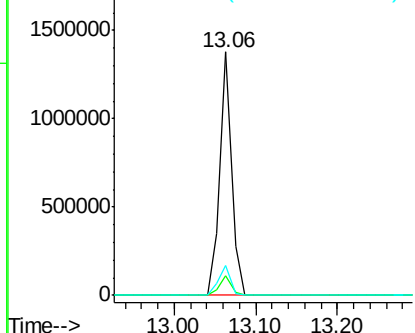
#78
 Terphenyl-d14
 Concen: 61.05 ng
 RT: 13.06 min Scan# 956
 Delta R.T. -0.00 min
 Lab File: BF081803.D
 Acq: 25 Sep 2015 15:12

Instrument :
 BNA_F
 ClientSampleId :
 MGP209BR-29-30

Tgt Ion:244 Resp: 1388860
 Ion Ratio Lower Upper
 244 100
 212 8.1 4.3 6.5#
 122 12.0 17.4 26.2#

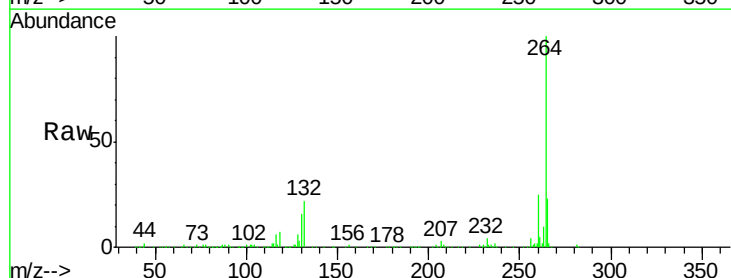


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.58 min Scan# 1176
 Delta R.T. -0.00 min
 Lab File: BF081803.D
 Acq: 25 Sep 2015 15:12

Tgt Ion:264 Resp: 368261
 Ion Ratio Lower Upper
 264 100
 260 25.1 16.7 25.1#
 265 22.8 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

