

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020317\
 Data File : BG025794.D
 Acq On : 3 Feb 2017 14:33
 Operator : SJ/MA
 Sample : I1646-05
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 03 15:20:26 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 30 18:29:38 2017
 Response via : Initial Calibration

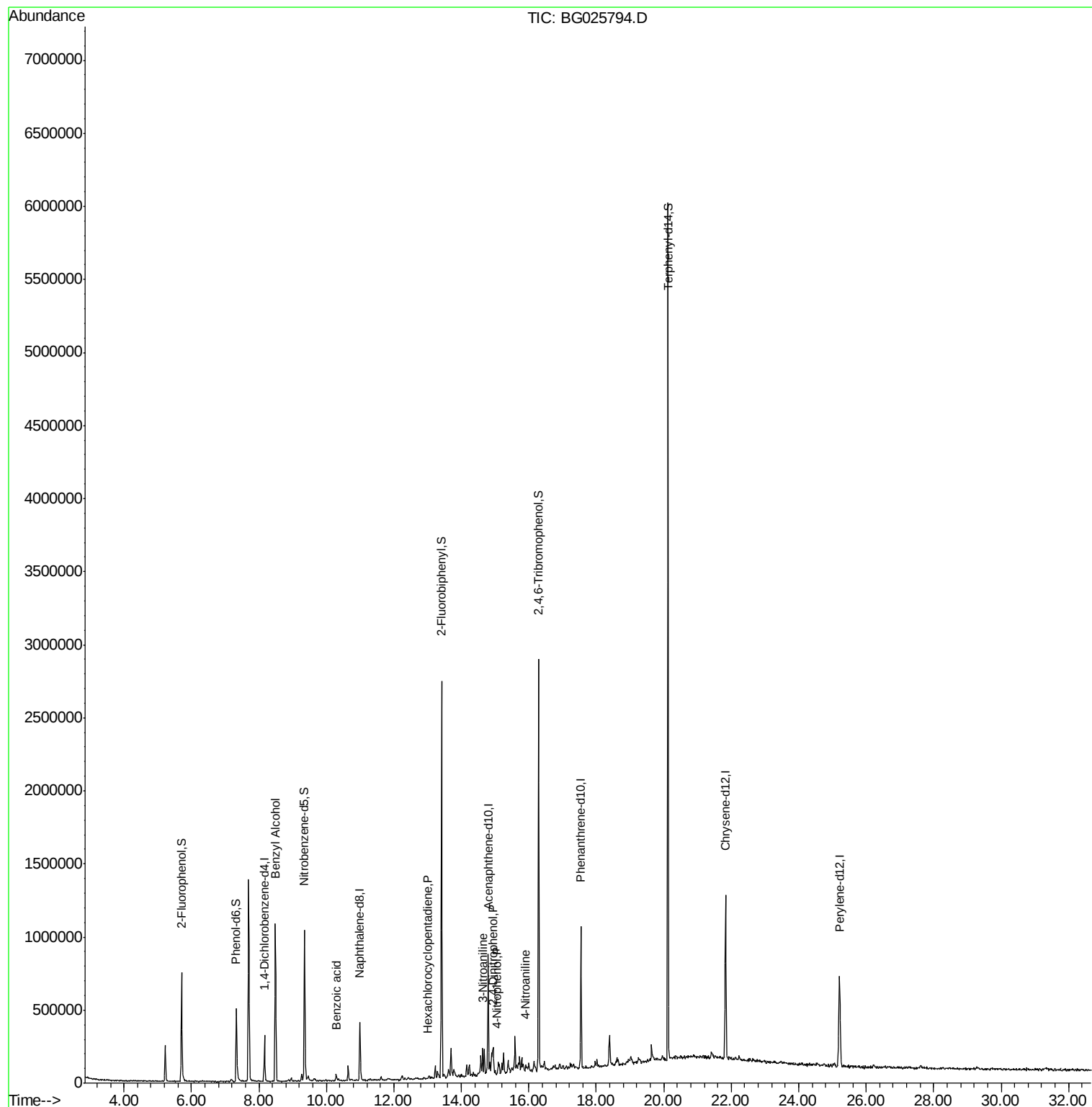
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	73497	20.00	ng	0.00
21) Naphthalene-d8	11.00	136	332745	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	259813	20.00	ng	0.00
63) Phenanthrene-d10	17.54	188	588528	20.00	ng	0.00
75) Chrysene-d12	21.83	240	715120	20.00	ng	0.00
86) Perylene-d12	25.21	264	716031	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	311410	75.94	ng	0.00
7) Phenol-d6	7.33	99	298796	49.89	ng	0.00
23) Nitrobenzene-d5	9.35	82	683870	86.84	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	502238	135.55	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	1342330	83.91	ng	0.00
78) Terphenyl-d14	20.13	244	2289308	77.27	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.49	79	10752	2.08	ng	# 55
32) Benzoic acid	10.28	122	188	7.94	ng	# 11
40) Hexachlorocyclopentadiene	13.00	237	250	10.75	ng	# 29
52) 3-Nitroaniline	14.63	138	32841	7.86	ng	# 1
53) 2,4-Dinitrophenol	14.96	184	129	9.48	ng	# 1
55) 4-Nitrophenol	15.06	139	969	5.86	ng	# 50
61) 4-Nitroaniline	15.91	138	10345	2.47	ng	# 17

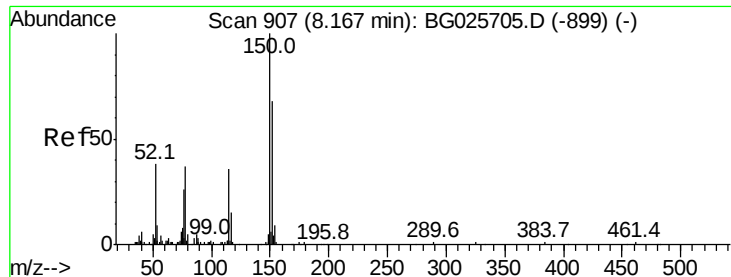
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.16 min Scan# 906

Delta R.T. -0.00 min

Lab File: BG025794.D

Acq: 3 Feb 2017 14:33

Instrument :

BNA_G

ClientSampled :

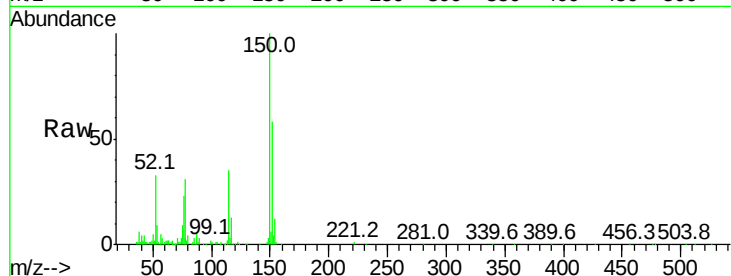
Tot Ion:152 Resp: 73497

Ion Ratio Lower Upper

152 100

150 171.3 114.0 171.0#

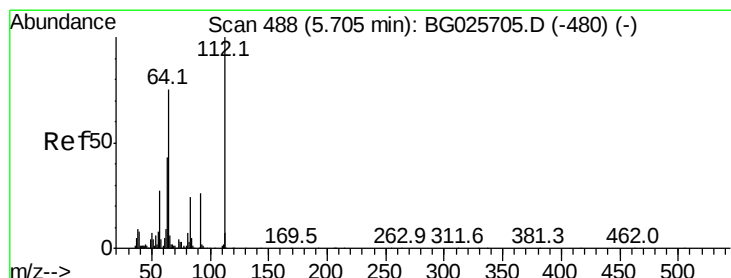
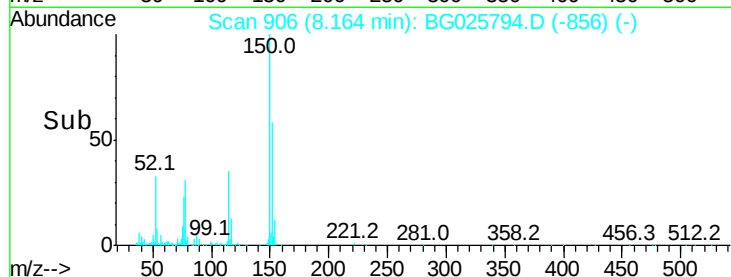
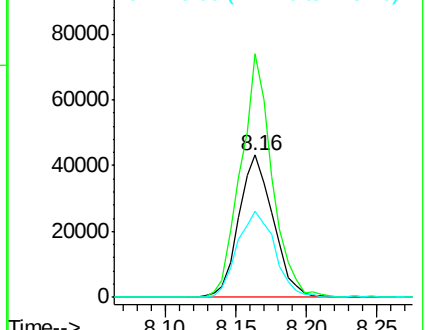
115 60.3 48.1 72.1



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: 75.94 ng

RT: 5.70 min Scan# 487

Delta R.T. -0.00 min

Lab File: BG025794.D

Acq: 3 Feb 2017 14:33

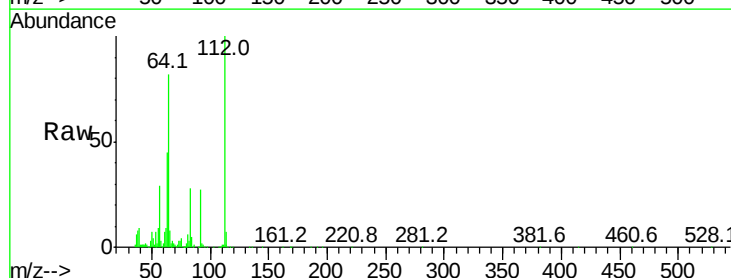
Tgt Ion:112 Resp: 311410

Ion Ratio Lower Upper

112 100

64 82.2 61.8 92.6

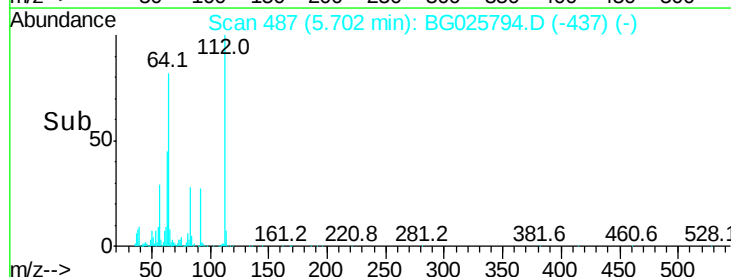
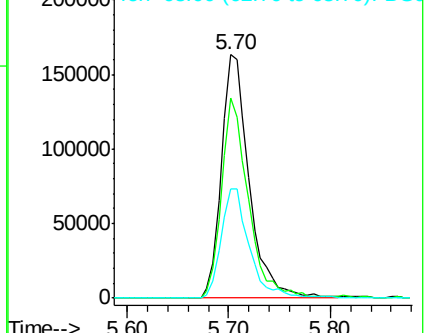
63 45.1 37.2 55.8

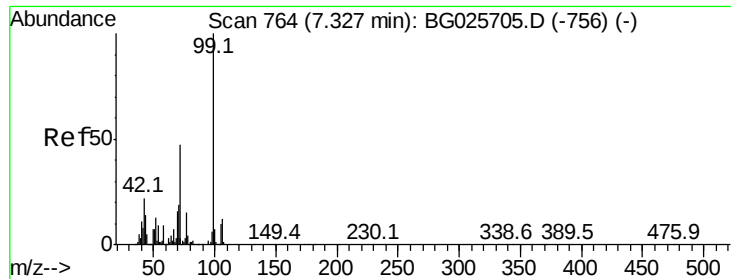


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 49.89 ng

RT: 7.33 min Scan# 764

Delta R.T. 0.00 min

Lab File: BG025794.D

Acq: 3 Feb 2017 14:33

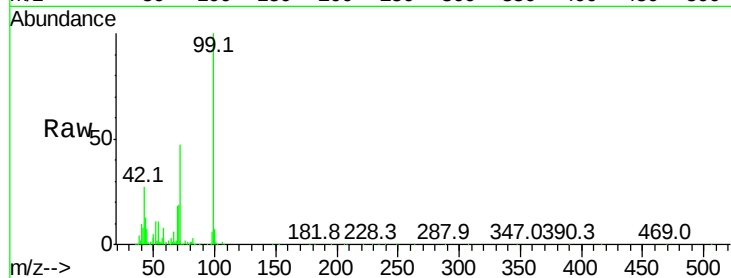
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 99 Resp: 298796

Ion	Ratio	Lower	Upper
99	100		
42	26.5	20.5	30.7
71	47.3	37.6	56.4

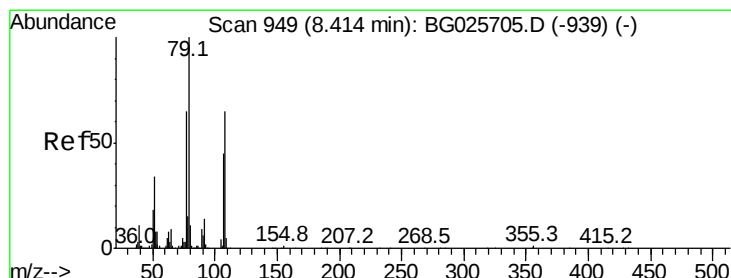
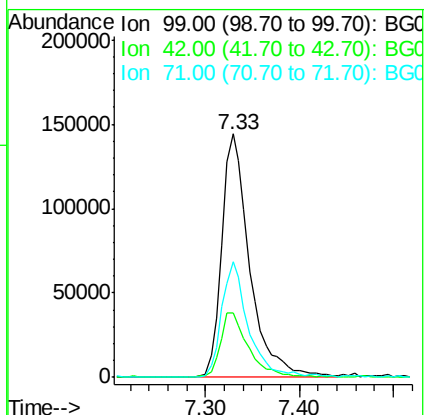
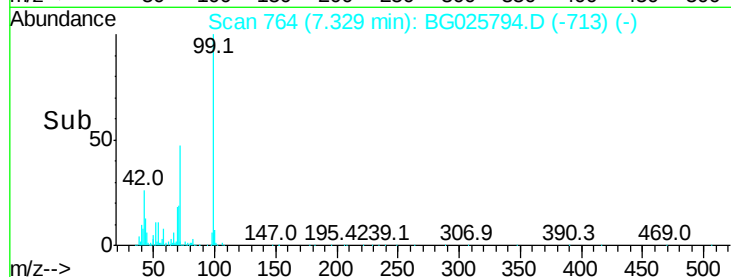


Abundance

Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



#15

Benzyl Alcohol

Concen: 2.08 ng

RT: 8.49 min Scan# 961

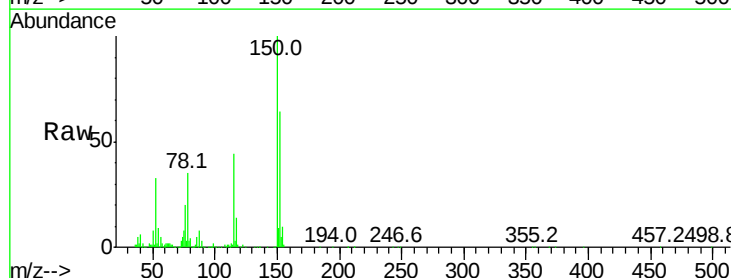
Delta R.T. 0.07 min

Lab File: BG025794.D

Acq: 3 Feb 2017 14:33

Tgt Ion: 79 Resp: 10752

Ion	Ratio	Lower	Upper
79	100		
108	57.7	45.5	68.3
77	133.3	54.3	81.5#

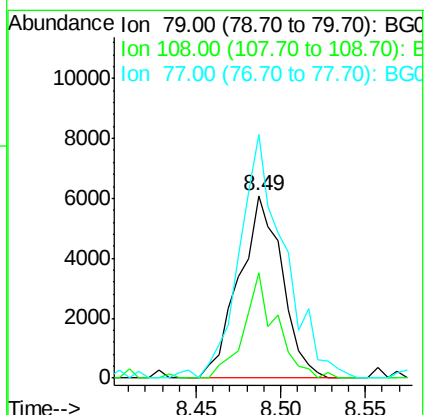
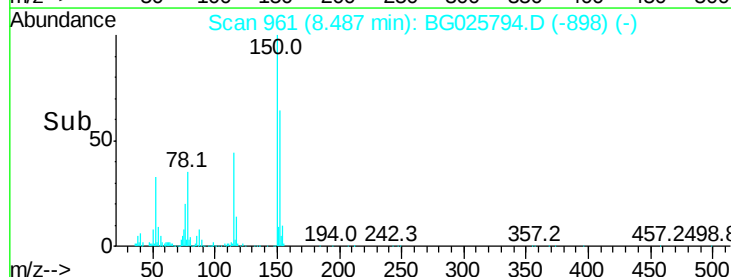


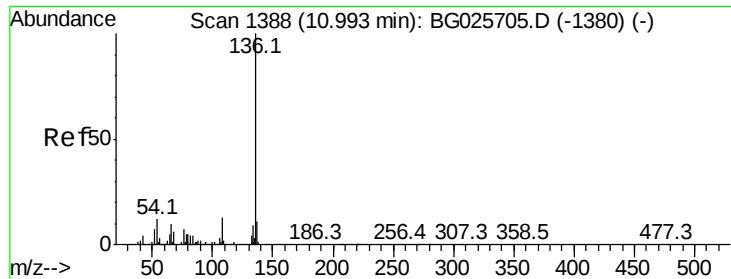
Abundance

Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.00 min Scan# 1388

Delta R.T. 0.00 min

Lab File: BG025794.D

Acq: 3 Feb 2017 14:33

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 332745

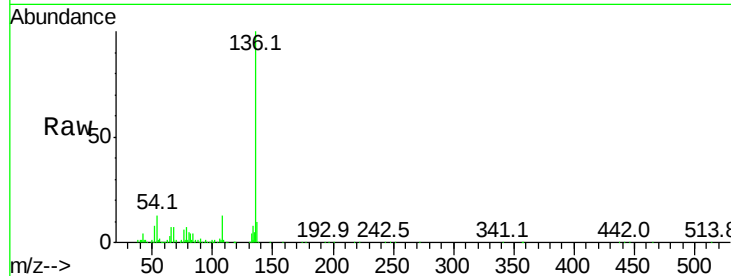
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.9	13.3
54	12.9	9.3	13.9
68	7.2	5.1	7.7

136 100

137 10.4 8.9 13.3

54 12.9 9.3 13.9

68 7.2 5.1 7.7

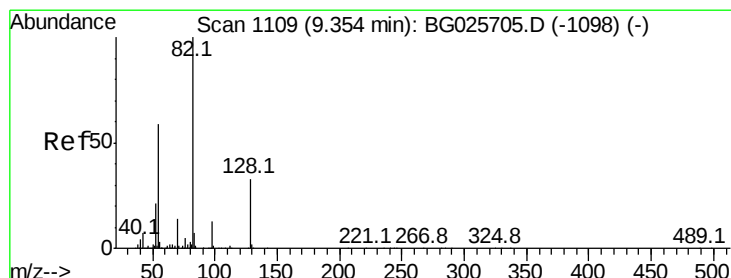
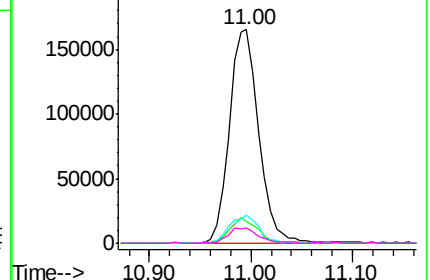
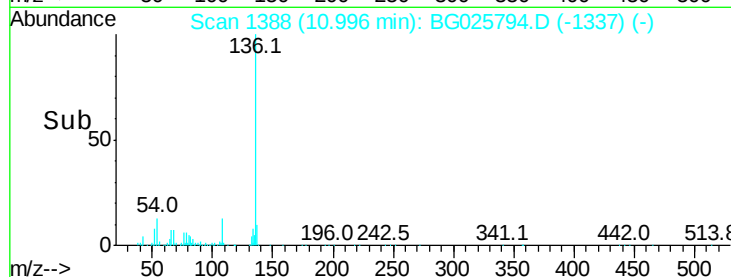


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#23

Nitrobenzene-d5

Concen: 86.84 ng

RT: 9.35 min Scan# 1108

Delta R.T. -0.00 min

Lab File: BG025794.D

Acq: 3 Feb 2017 14:33

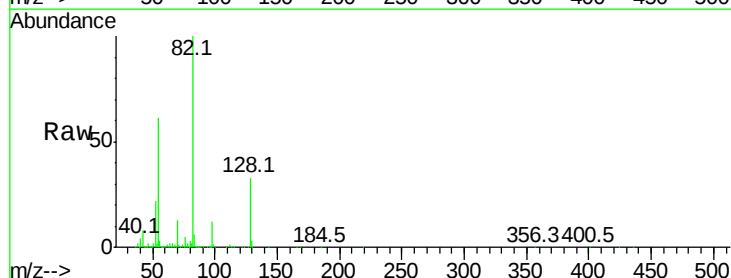
Tgt Ion: 82 Resp: 683870

Ion	Ratio	Lower	Upper
82	100		
128	32.8	26.4	39.6
54	61.4	49.4	74.2

82 100

128 32.8 26.4 39.6

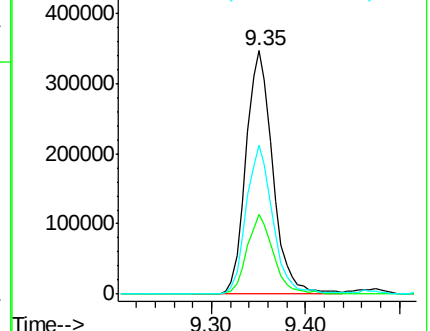
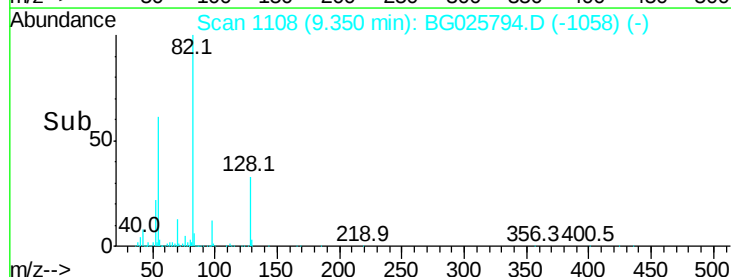
54 61.4 49.4 74.2

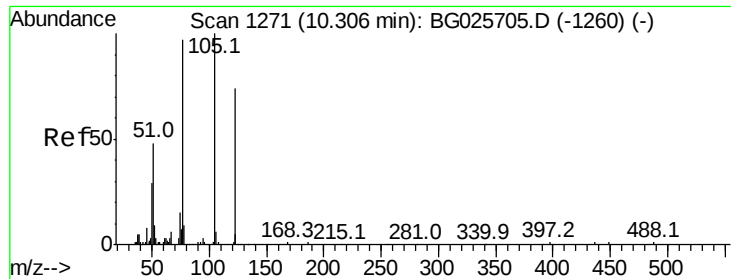


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC

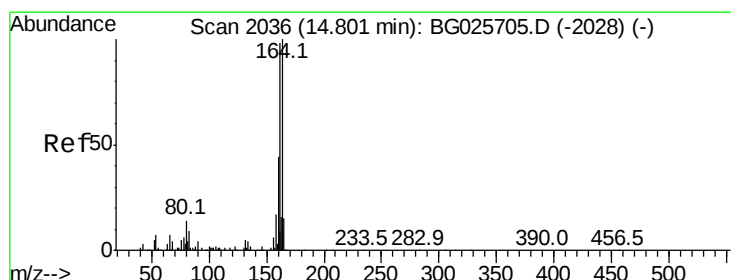
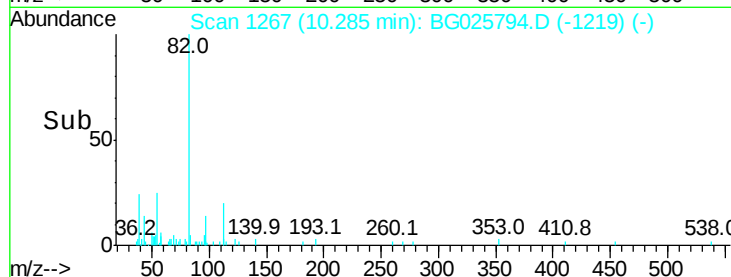
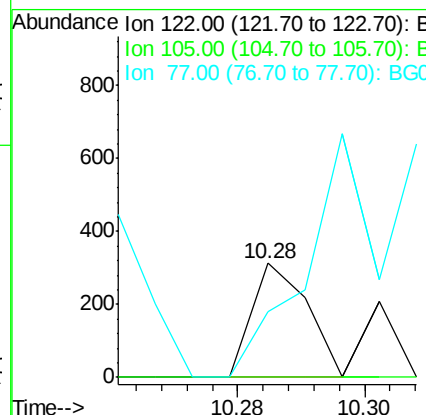
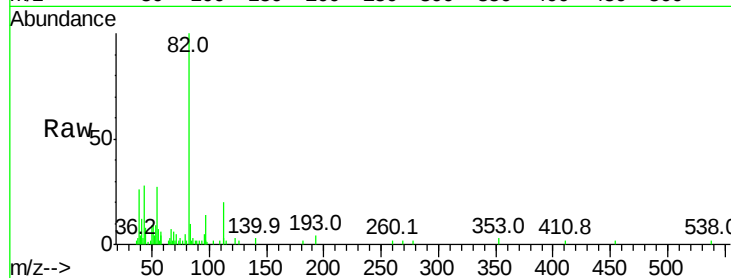




#32
Benzoic acid
Concen: 7.94 ng
RT: 10.28 min Scan# 1267
Delta R.T. -0.02 min
Lab File: BG025794.D
Acq: 3 Feb 2017 14:33

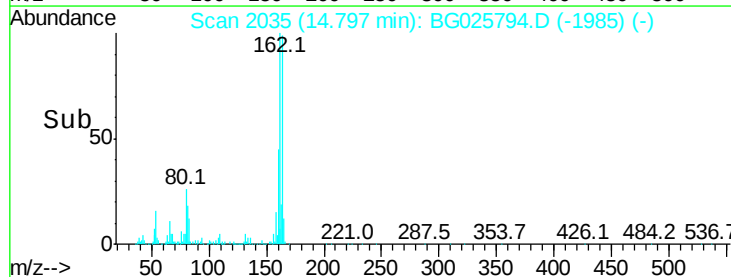
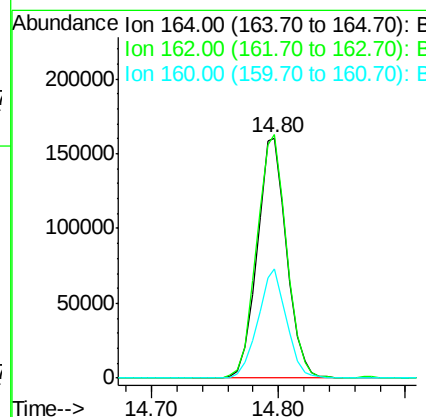
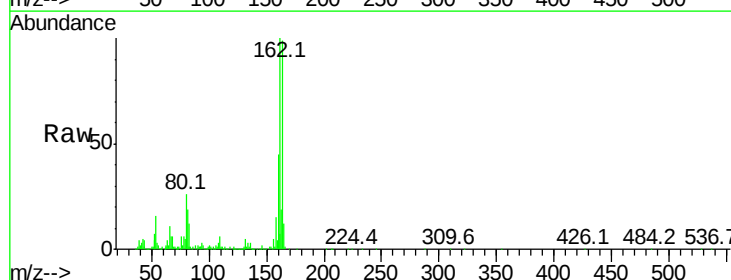
Instrument :
BNA_G
ClientSampleId :

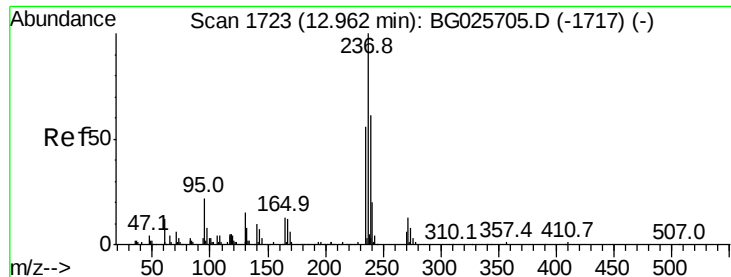
Tot Ion	Ratio	Lower	Upper
122	100		
105	0.0	120.1	160.1#
77	57.8	104.6	144.6#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.80 min Scan# 2035
Delta R.T. -0.00 min
Lab File: BG025794.D
Acq: 3 Feb 2017 14:33

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.5	85.1	127.7
160	45.3	34.7	52.1

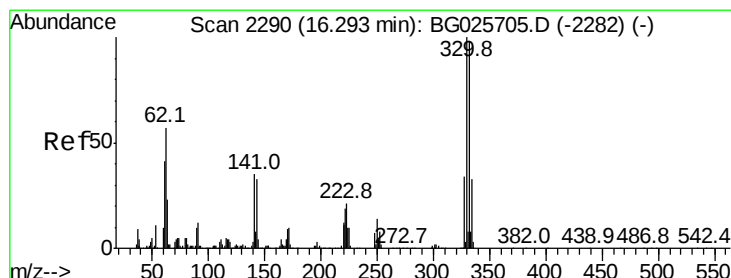
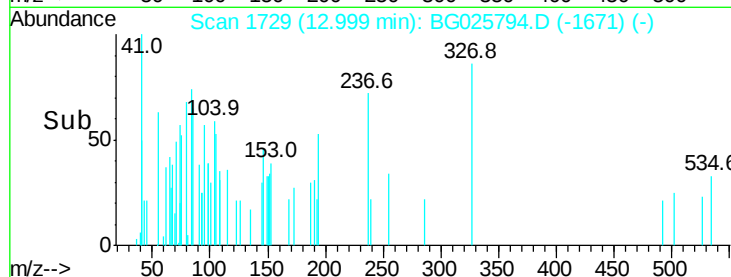
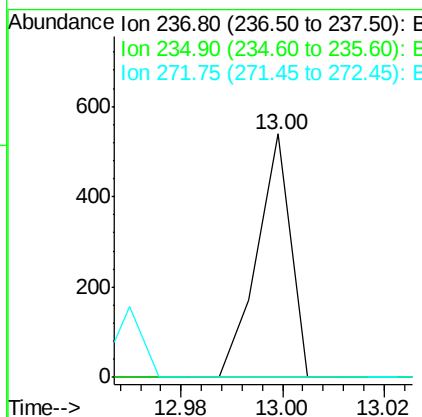
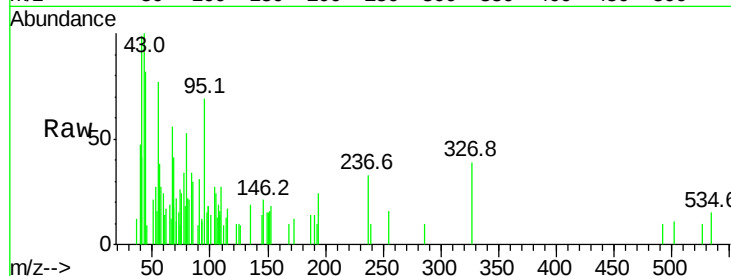




#40
Hexachlorocyclopentadiene
Concen: 10.75 ng
RT: 13.00 min Scan# 1729
Delta R.T. 0.04 min
Lab File: BG025794.D
Acq: 3 Feb 2017 14:33

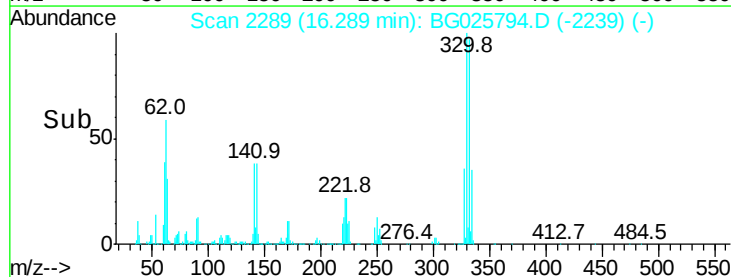
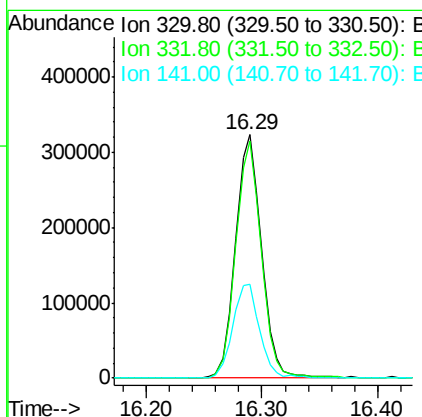
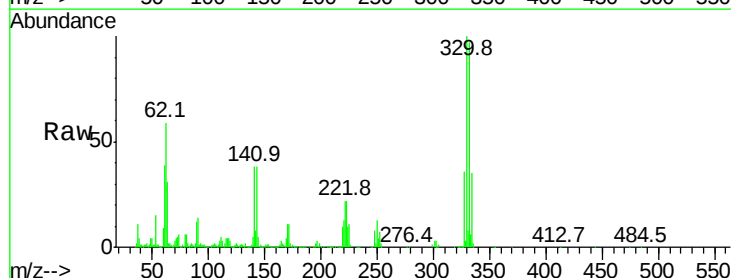
Instrument :
BNA_G
ClientSampleId :

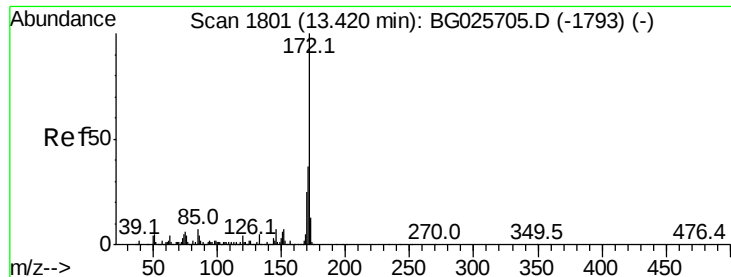
Tot Ion:237 Resp: 250
Ion Ratio Lower Upper
237 100
235 0.0 39.4 79.4#
272 0.0 0.0 32.0



#41
2,4,6-Tribromophenol
Concen: 135.55 ng
RT: 16.29 min Scan# 2289
Delta R.T. -0.00 min
Lab File: BG025794.D
Acq: 3 Feb 2017 14:33

Tgt Ion:330 Resp: 502238
Ion Ratio Lower Upper
330 100
332 95.7 77.3 115.9
141 39.9 32.1 48.1



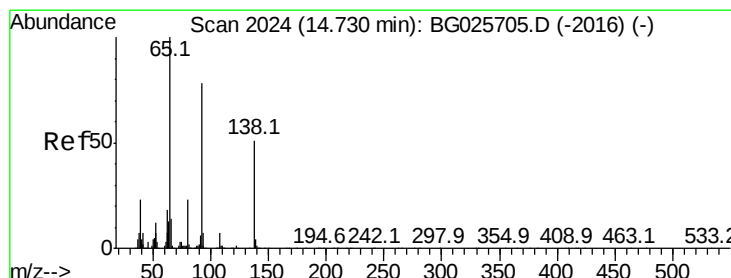
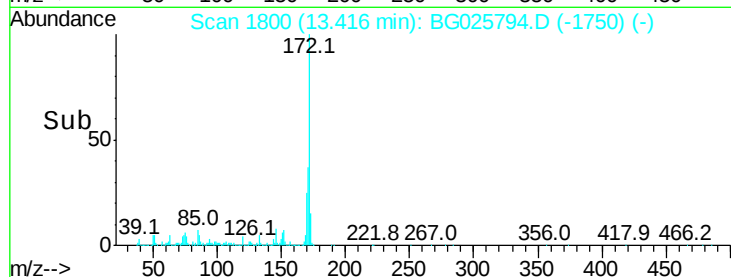
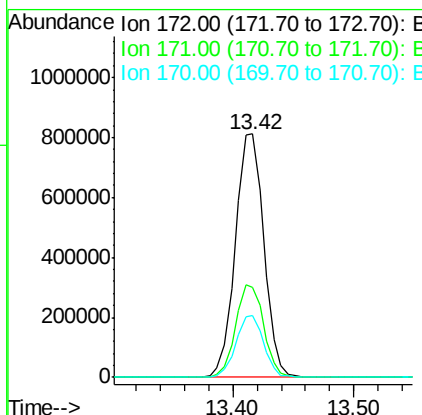
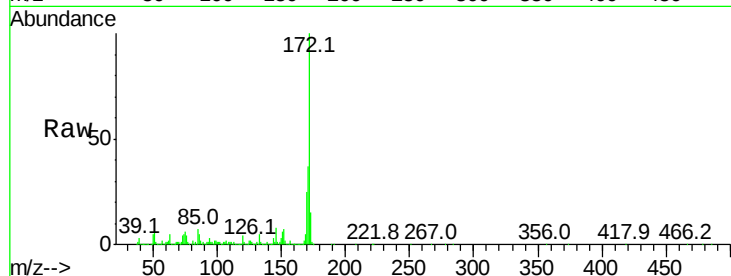


#44
 2-Fluorobiphenyl
 Concen: 83.91 ng
 RT: 13.42 min Scan# 1800
 Delta R.T. -0.00 min
 Lab File: BG025794.D
 Acq: 3 Feb 2017 14:33

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:172 Resp: 1342330

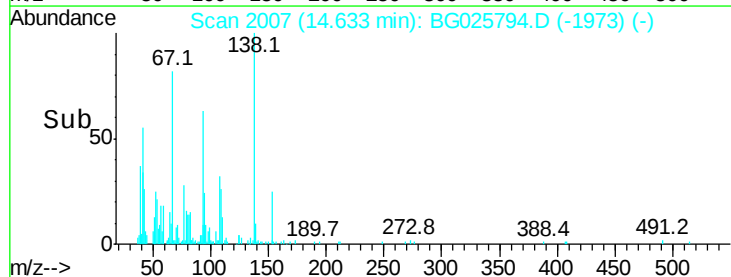
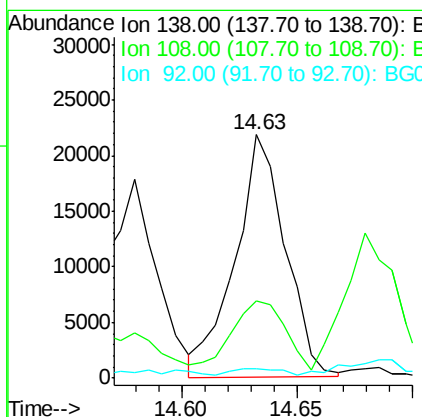
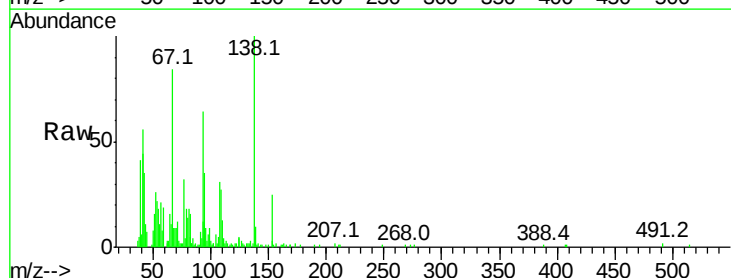
Ion	Ratio	Lower	Upper
172	100		
171	37.2	32.2	48.2
170	25.4	21.8	32.6

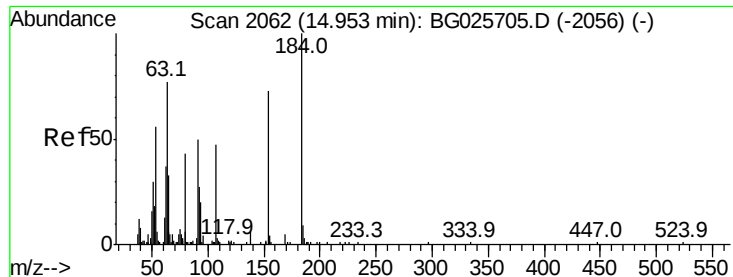


#52
 3-Nitroaniline
 Concen: 7.86 ng
 RT: 14.63 min Scan# 2007
 Delta R.T. -0.10 min
 Lab File: BG025794.D
 Acq: 3 Feb 2017 14:33

Tgt Ion:138 Resp: 32841

Ion	Ratio	Lower	Upper
138	100		
108	31.5	10.9	16.3#
92	3.7	115.3	172.9#

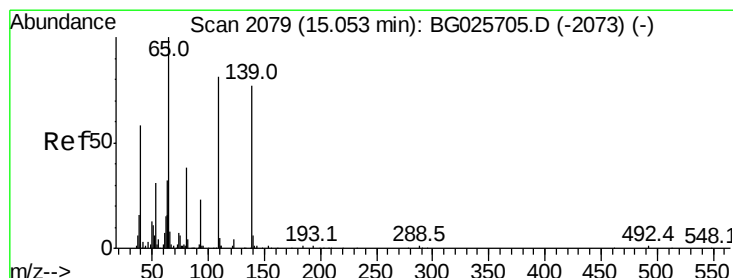
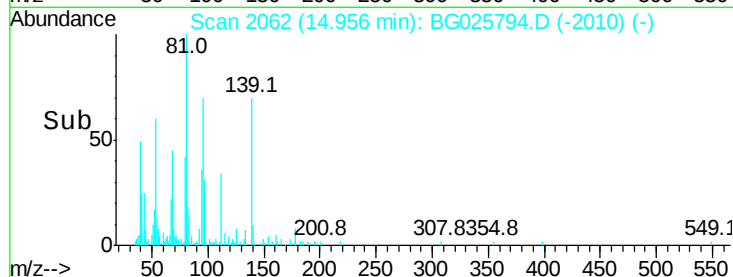
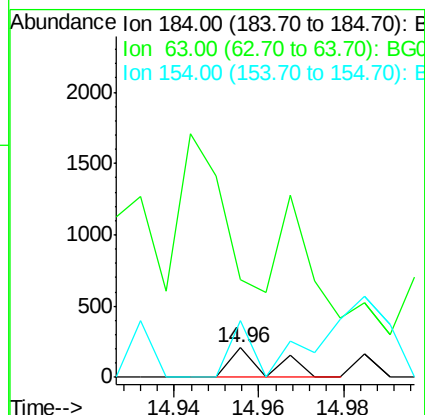
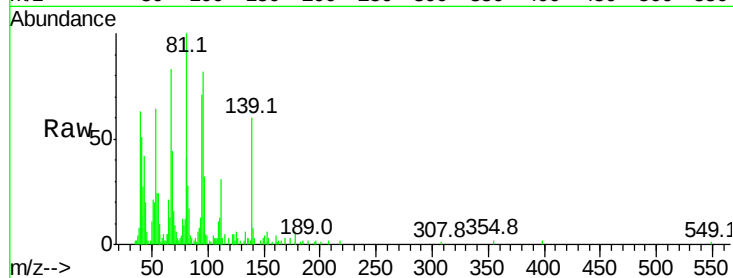




#53
2,4-Dinitrophenol
Concen: 9.48 ng
RT: 14.96 min Scan# 2062
Delta R.T. 0.00 min
Lab File: BG025794.D
Acq: 3 Feb 2017 14:33

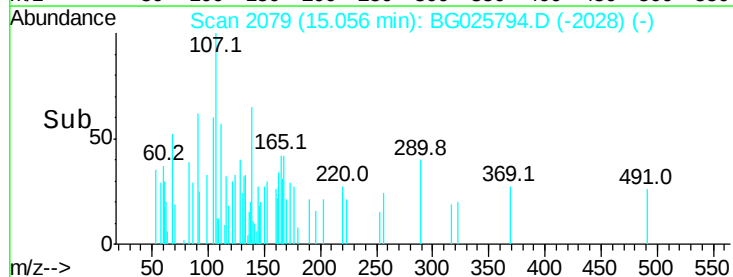
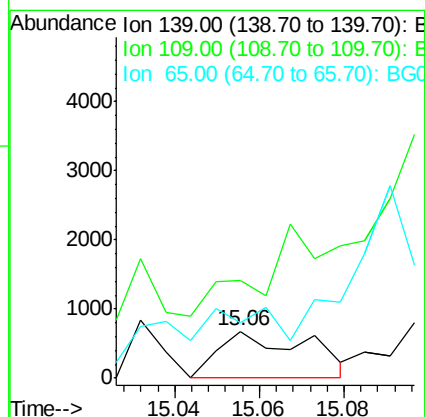
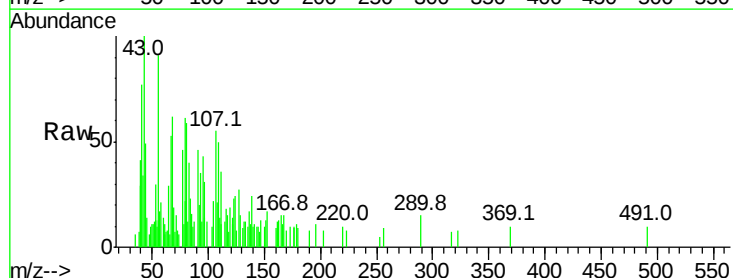
Instrument :
BNA_G
ClientSampled :

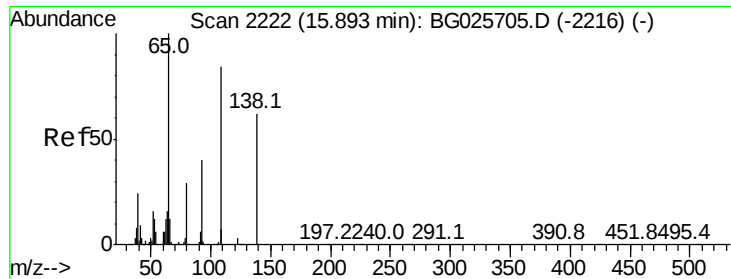
Tot Ion:184 Resp: 129
Ion Ratio Lower Upper
184 100
63 325.8 52.7 79.1#
154 189.0 57.3 85.9#



#55
4-Nitrophenol
Concen: 5.86 ng
RT: 15.06 min Scan# 2079
Delta R.T. 0.00 min
Lab File: BG025794.D
Acq: 3 Feb 2017 14:33

Tgt Ion:139 Resp: 969
Ion Ratio Lower Upper
139 100
109 208.1 101.2 141.2#
65 118.9 135.3 175.3#

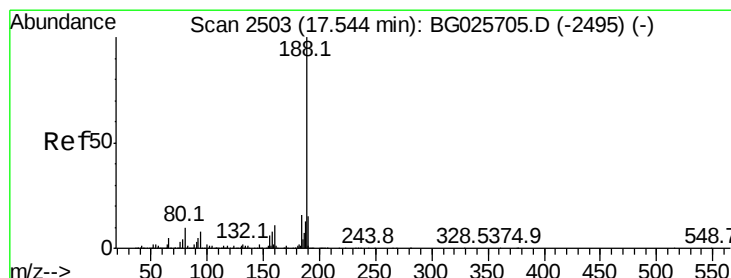
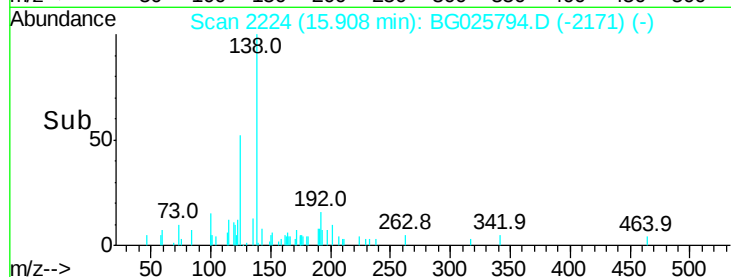
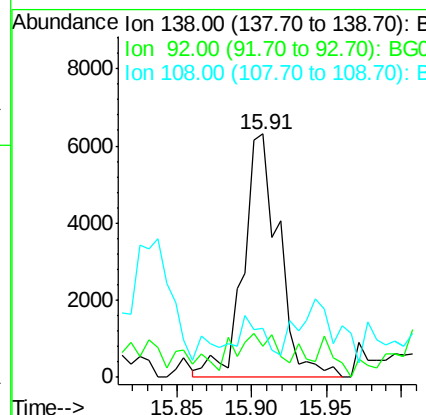
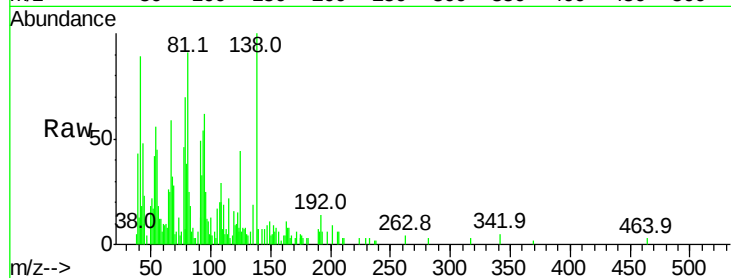




#61
4-Nitroaniline
Concen: 2.47 ng
RT: 15.91 min Scan# 2224
Delta R.T. 0.01 min
Lab File: BG025794.D
Acq: 3 Feb 2017 14:33

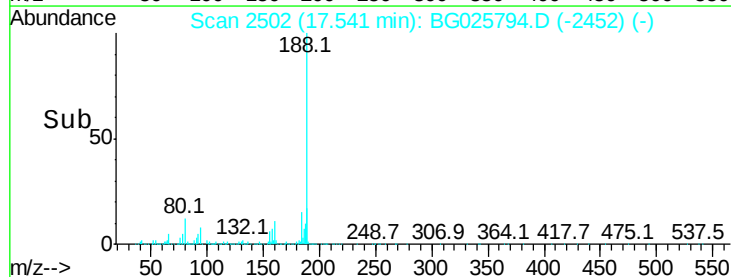
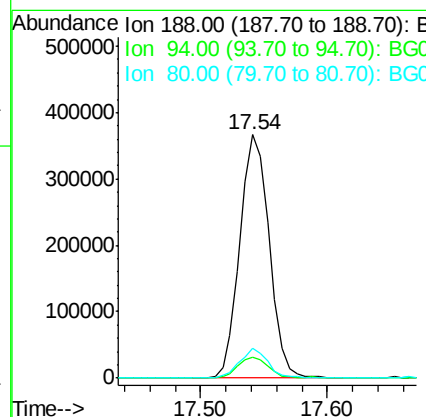
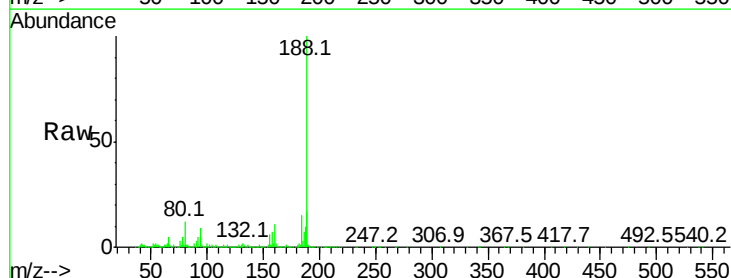
Instrument :
BNA_G
ClientSampleId :

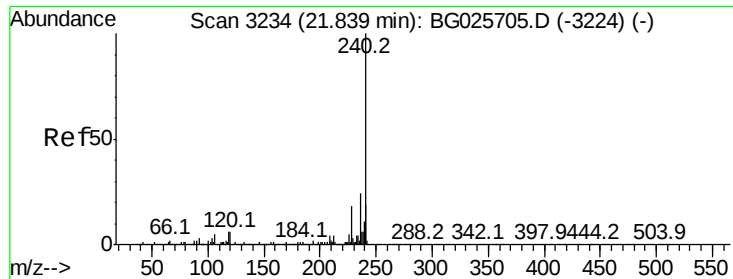
Tot Ion:138 Resp: 10345
Ion Ratio Lower Upper
138 100
92 12.9 44.2 84.2#
108 20.2 104.8 144.8#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.54 min Scan# 2502
Delta R.T. -0.00 min
Lab File: BG025794.D
Acq: 3 Feb 2017 14:33

Tgt Ion:188 Resp: 588528
Ion Ratio Lower Upper
188 100
94 8.7 5.8 8.8
80 12.1 7.5 11.3#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.83 min Scan# 3232

Delta R.T. -0.01 min

Lab File: BG025794.D

Acq: 3 Feb 2017 14:33

Instrument :

BNA_G

ClientSampleId :

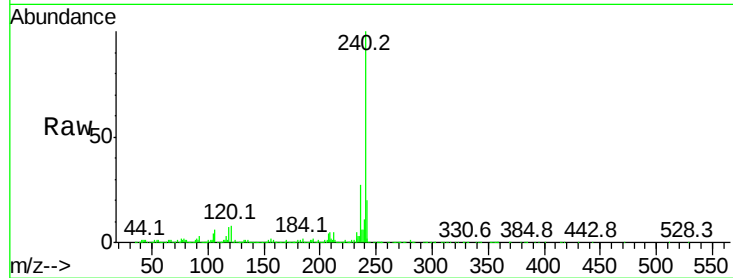
Tot Ion:240 Resp: 715120

Ion Ratio Lower Upper

240 100

120 8.2 5.7 8.5

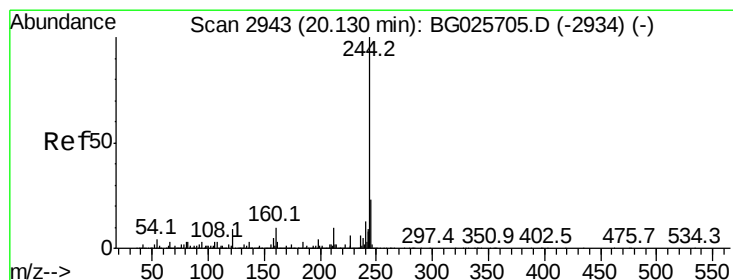
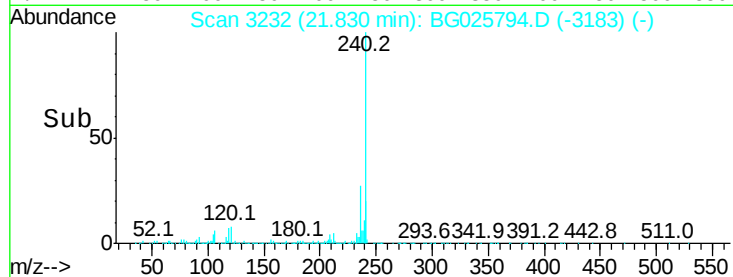
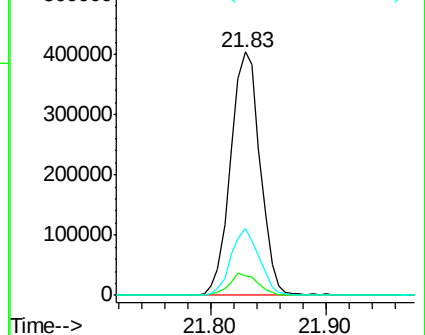
236 27.3 22.2 33.4



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: 77.27 ng

RT: 20.13 min Scan# 2942

Delta R.T. -0.00 min

Lab File: BG025794.D

Acq: 3 Feb 2017 14:33

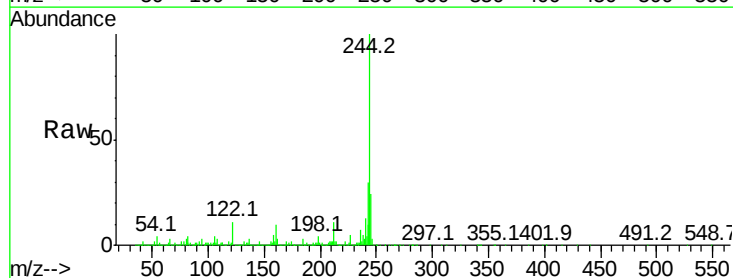
Tgt Ion:244 Resp: 2289308

Ion Ratio Lower Upper

244 100

212 10.6 10.0 15.0

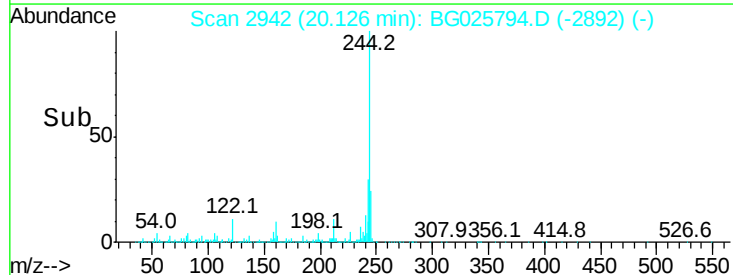
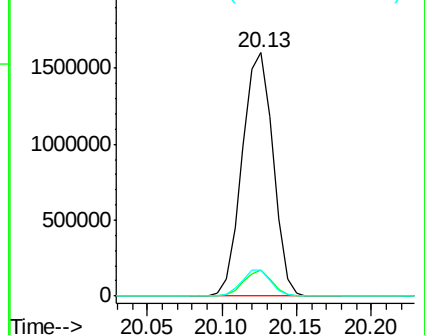
122 10.8 8.6 12.8

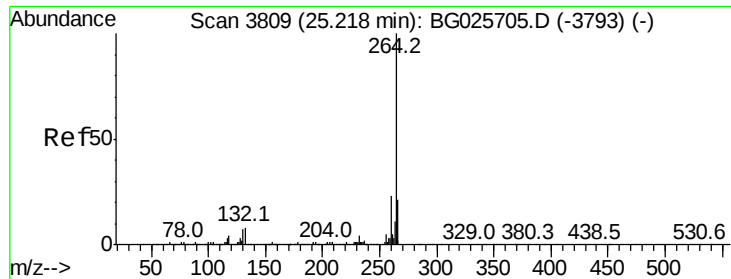


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

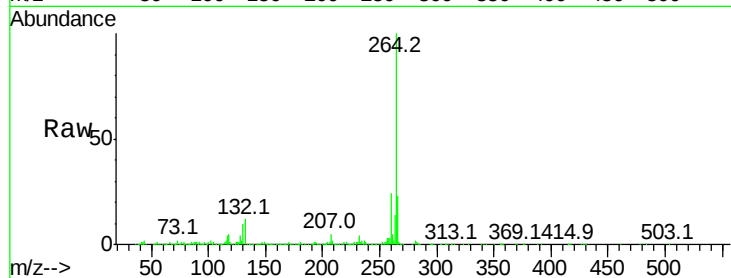




#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.21 min Scan# 3807
Delta R.T. -0.01 min
Lab File: BG025794.D
Acq: 3 Feb 2017 14:33

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	21.8	32.8
265	22.5	18.2	27.4



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

