

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051618\
 Data File : BG034498.D
 Acq On : 16 May 2018 21:16
 Operator : SJ/JU
 Sample : PB108852BL
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: May 17 03:18:34 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG051618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 16 22:24:50 2018
 Response via : Initial Calibration

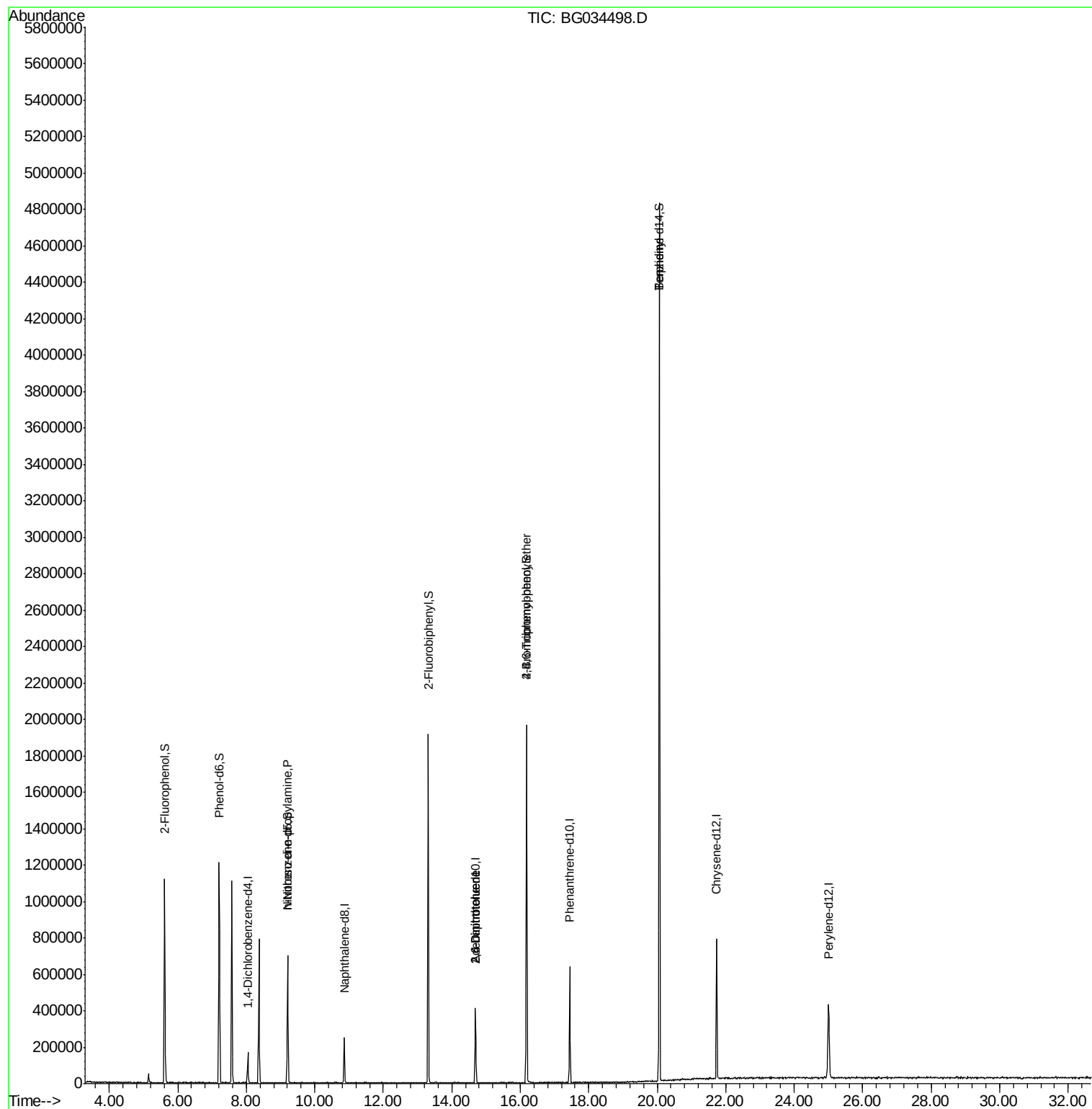
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	41176	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	182288	20.00	ng	0.00
38) Acenaphthene-d10	14.69	164	135736	20.00	ng	0.00
63) Phenanthrene-d10	17.45	188	373046	20.00	ng	0.00
75) Chrysene-d12	21.73	240	464598	20.00	ng	0.00
86) Perylene-d12	25.00	264	456228	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	404841	151.43	ng	0.00
7) Phenol-d6	7.21	99	604402	139.76	ng	0.00
23) Nitrobenzene-d5	9.21	82	425324	89.13	ng	0.00
41) 2,4,6-Tribromophenol	16.18	330	337803	144.50	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	895751	89.59	ng	0.00
78) Terphenyl-d14	20.06	244	2038271	96.21	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.21	70	65965	18.623	ng	# 67
50) 2,6-Dinitrotoluene	14.69	165	17235	7.173	ng	# 18
56) 2,4-Dinitrotoluene	14.69	165	17235	4.832	ng	# 16
66) 4-Bromophenyl-phenylether	16.18	248	26195	5.336	ng	# 1
76) Benzidine	20.06	184	43931	6.615	ng	# 93

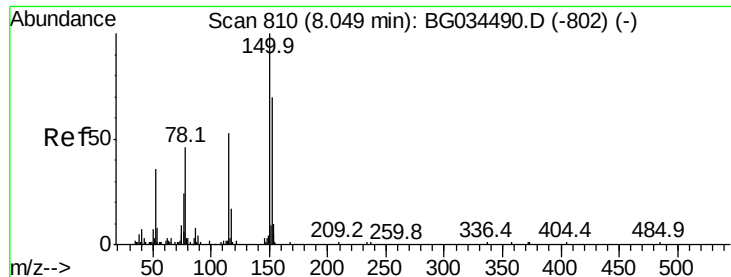
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051618\
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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: May 17 03:18:34 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG051618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 16 22:24:50 2018
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.05 min Scan# 810

Delta R.T. -0.00 min

Lab File: BG034498.D

Acq: 16 May 2018 21:16

Instrument :

BNA_G

ClientSampleId :

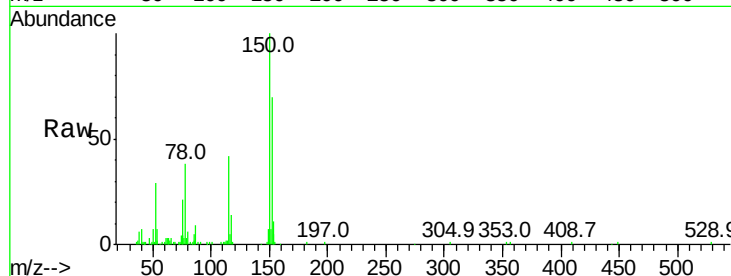
Tot Ion:152 Resp: 41176

Ion Ratio Lower Upper

152 100

150 143.4 126.6 189.8

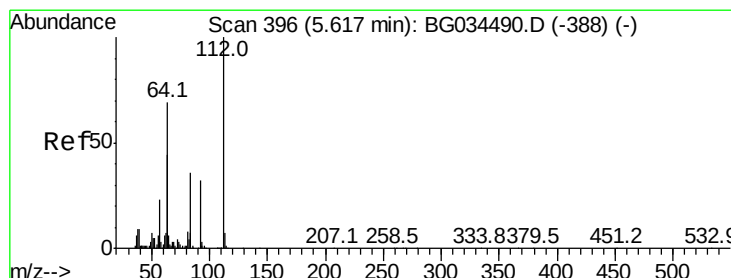
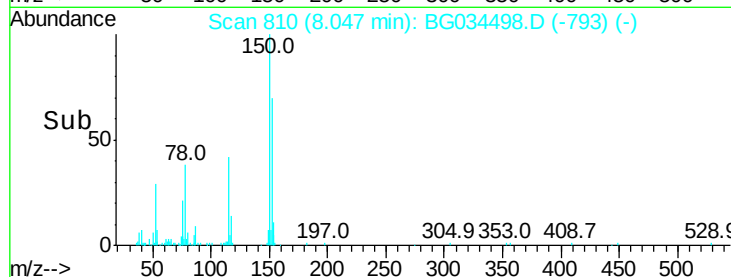
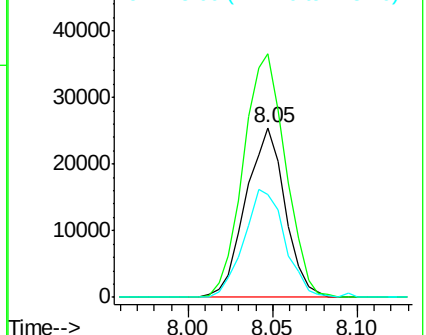
115 60.5 53.0 79.4



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: 151.435 ng

RT: 5.61 min Scan# 396

Delta R.T. -0.00 min

Lab File: BG034498.D

Acq: 16 May 2018 21:16

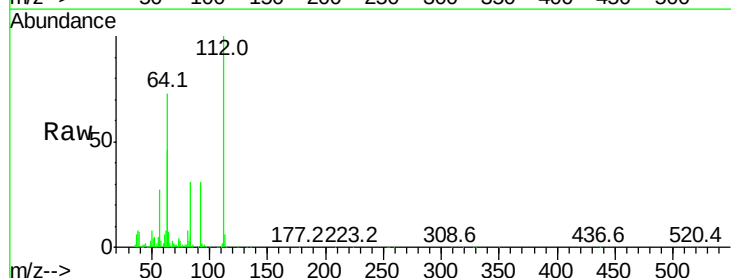
Tgt Ion:112 Resp: 404841

Ion Ratio Lower Upper

112 100

64 73.2 56.3 84.5

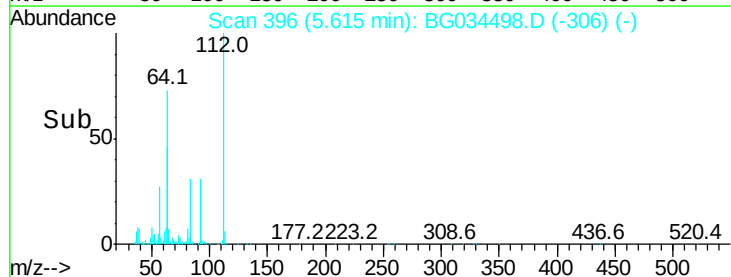
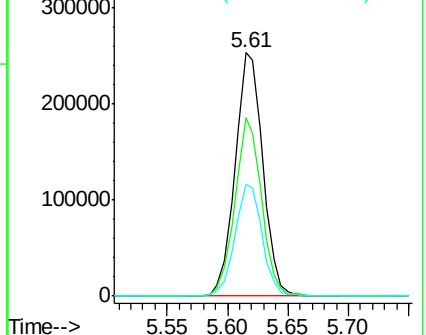
63 46.1 30.1 45.1#

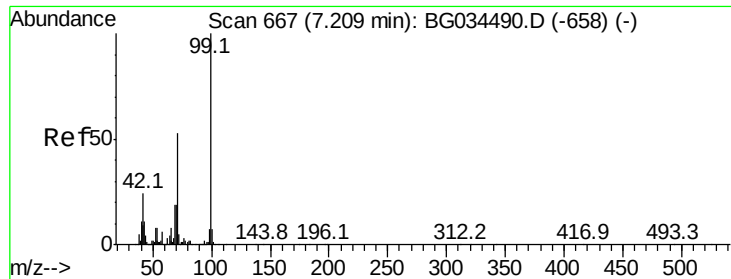


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 139.757 ng

RT: 7.21 min Scan# 668

Delta R.T. 0.01 min

Lab File: BG034498.D

Acq: 16 May 2018 21:16

Instrument :

BNA_G

ClientSampled :

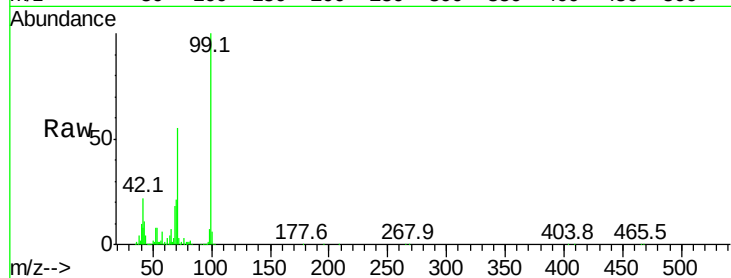
Tot Ion: 99 Resp: 604402

Ion Ratio Lower Upper

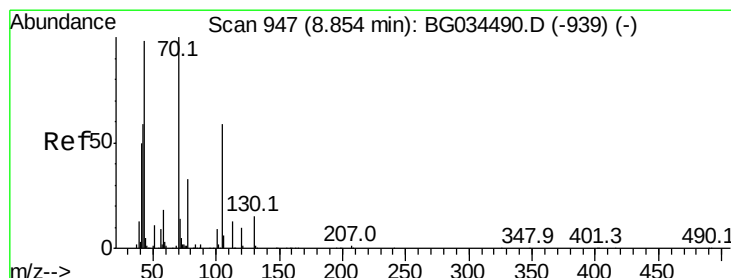
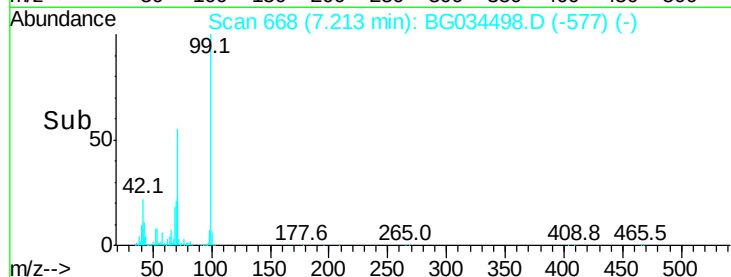
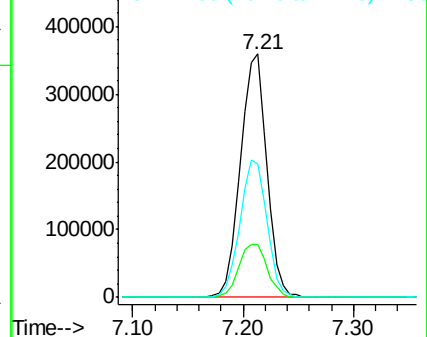
99 100

42 21.8 14.1 21.1#

71 55.0 26.1 39.1#



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



#19

n-Nitroso-di-n-propylamine

Concen: 18.623 ng

RT: 9.21 min Scan# 1008

Delta R.T. 0.36 min

Lab File: BG034498.D

Acq: 16 May 2018 21:16

Tgt Ion: 70 Resp: 65965

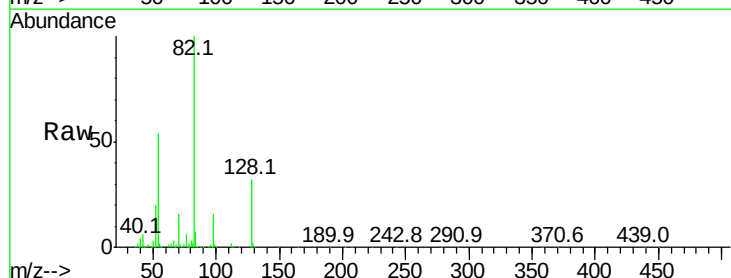
Ion Ratio Lower Upper

70 100

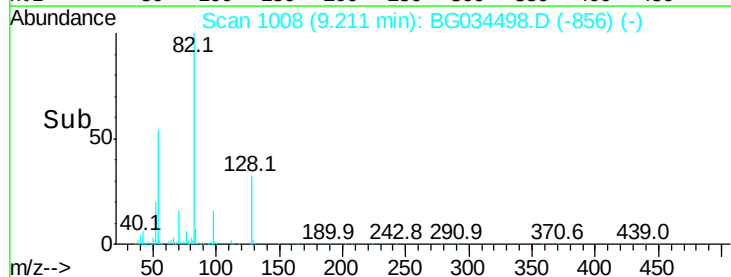
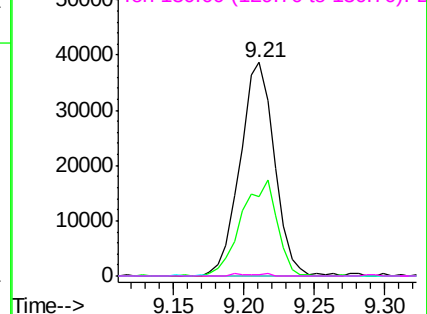
42 36.9 49.1 73.7#

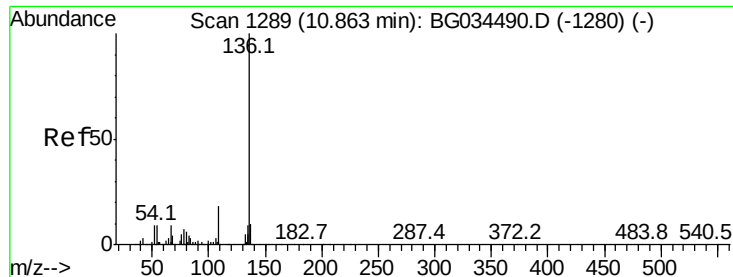
101 0.0 8.5 12.7#

130 0.7 13.4 20.0#



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.86 min Scan# 1289

Delta R.T. -0.00 min

Lab File: BG034498.D

Acq: 16 May 2018 21:16

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 182288

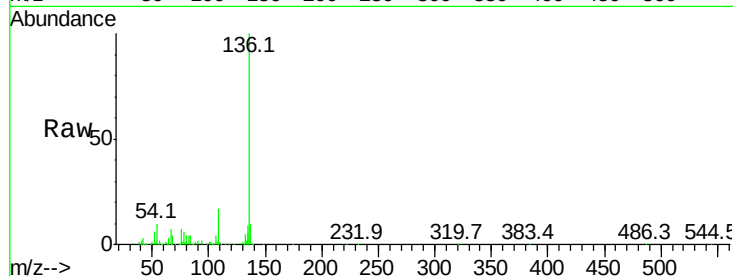
Ion Ratio Lower Upper

136 100

137 9.8 9.2 13.8

54 10.0 10.3 15.5#

68 4.0 4.5 6.7#

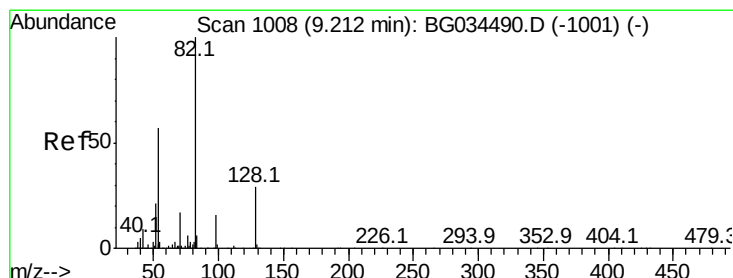
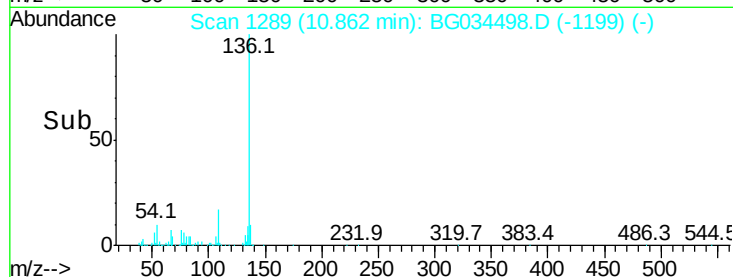
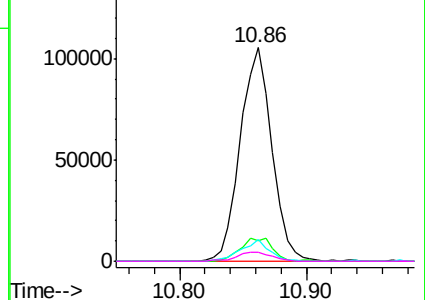


Abundance Ion 136.00 (135.70 to 136.70): E

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: 89.131 ng

RT: 9.21 min Scan# 1008

Delta R.T. -0.00 min

Lab File: BG034498.D

Acq: 16 May 2018 21:16

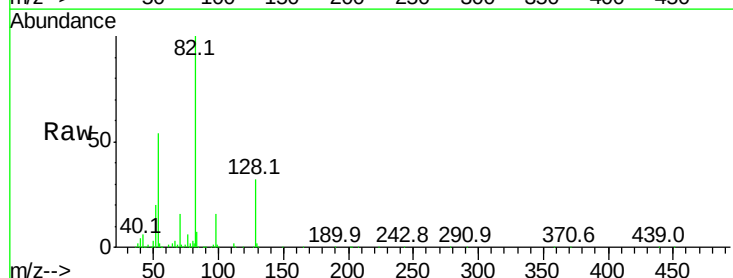
Tgt Ion: 82 Resp: 425324

Ion Ratio Lower Upper

82 100

128 32.3 29.7 44.5

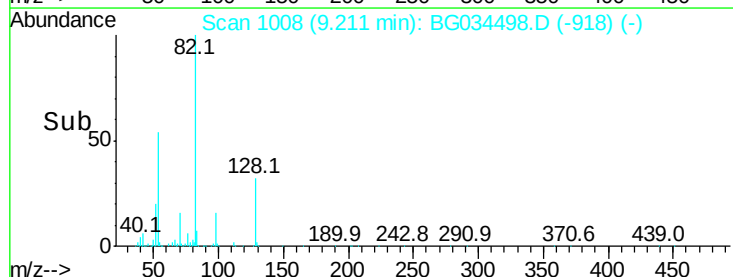
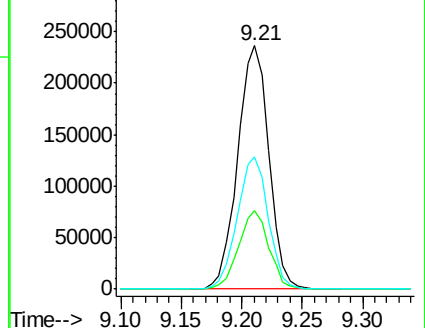
54 54.3 43.1 64.7

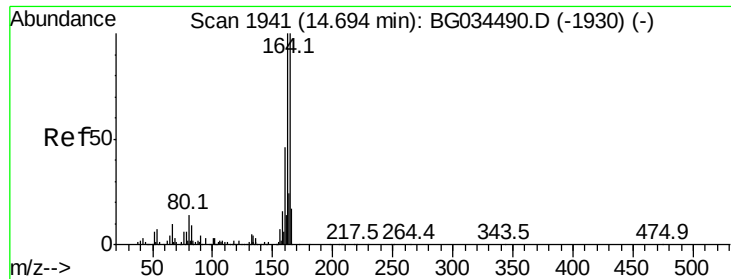


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1941

Delta R.T. -0.00 min

Lab File: BG034498.D

Acq: 16 May 2018 21:16

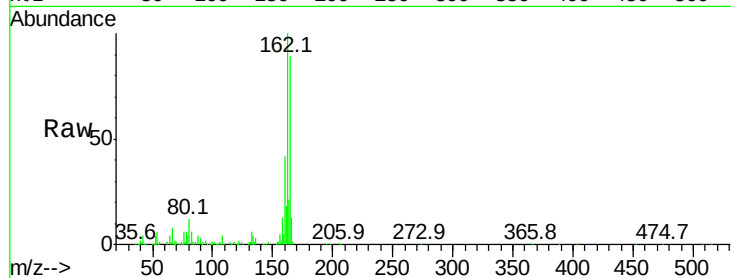
Instrument :

BNA_G

ClientSampleId :

Tot Ion:164 Resp: 135736

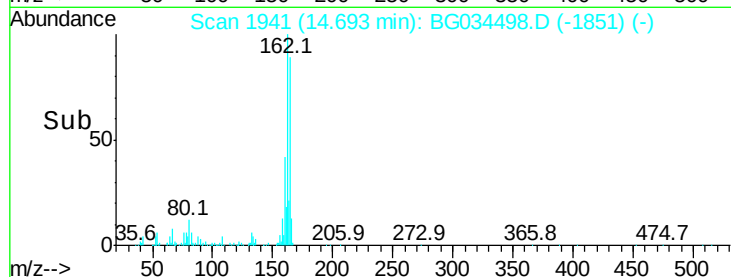
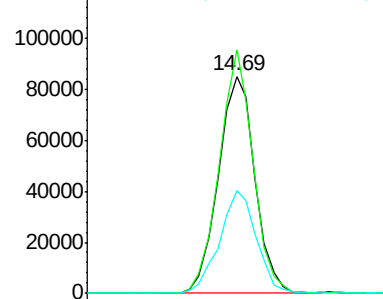
Ion	Ratio	Lower	Upper
164	100		
162	112.1	78.8	118.2
160	47.3	35.4	53.0



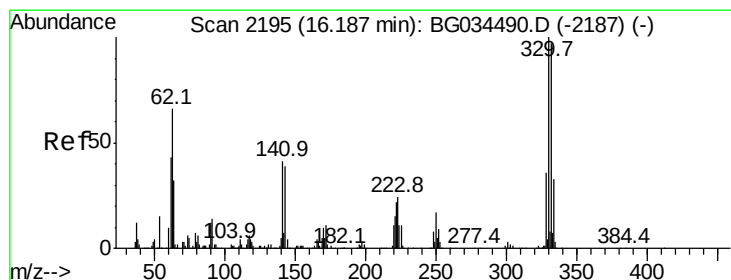
Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



Time-->



#41

2,4,6-Tribromophenol

Concen: 144.500 ng

RT: 16.18 min Scan# 2195

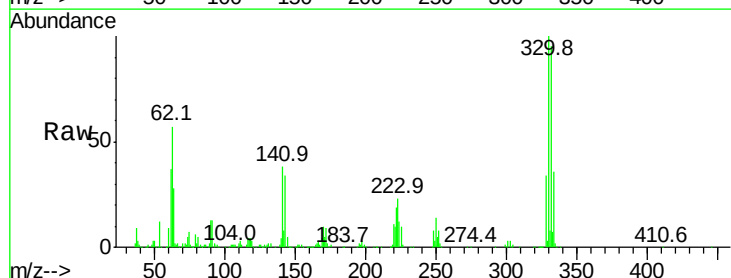
Delta R.T. -0.00 min

Lab File: BG034498.D

Acq: 16 May 2018 21:16

Tgt Ion:330 Resp: 337803

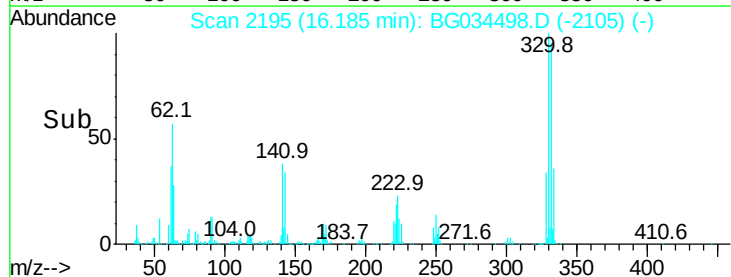
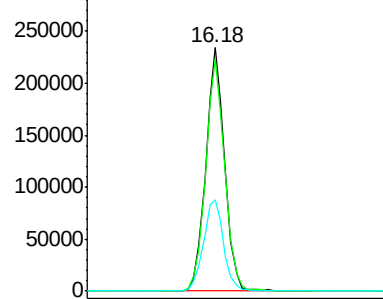
Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.0	115.6
141	40.1	25.2	37.8



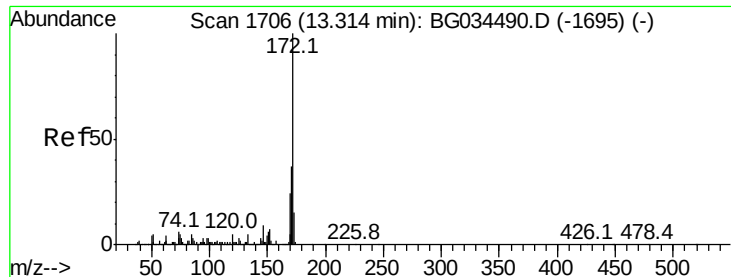
Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



Time-->



#44

2-Fluorobiphenyl

Concen: 89.592 ng

RT: 13.31 min Scan# 1706

Delta R.T. -0.00 min

Lab File: BG034498.D

Acq: 16 May 2018 21:16

Instrument :

BNA_G

ClientSampleId :

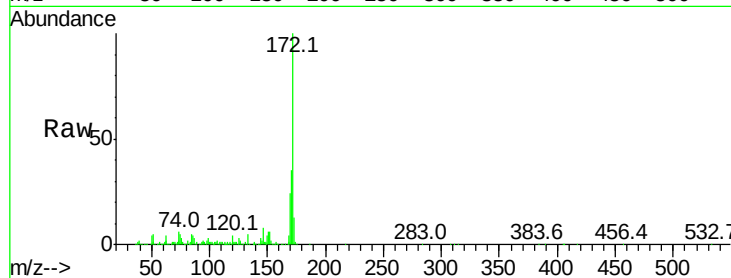
Tot Ion:172 Resp: 895751

Ion	Ratio	Lower	Upper
172	100		
171	35.4	30.0	45.0
170	23.9	19.5	29.3

172 100

171 35.4 30.0 45.0

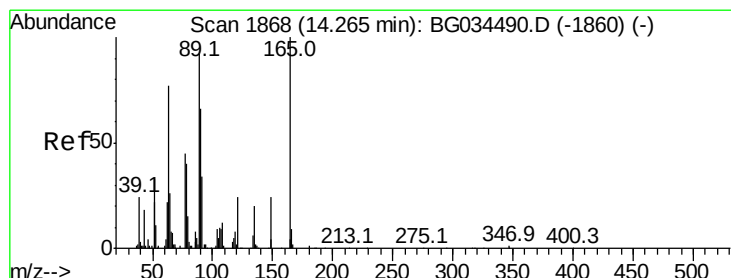
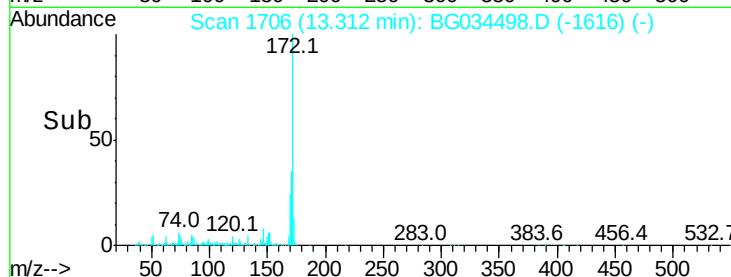
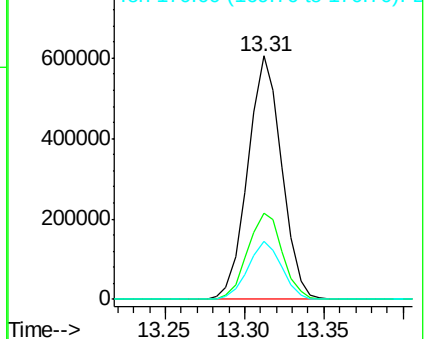
170 23.9 19.5 29.3



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: 7.173 ng

RT: 14.69 min Scan# 1941

Delta R.T. 0.43 min

Lab File: BG034498.D

Acq: 16 May 2018 21:16

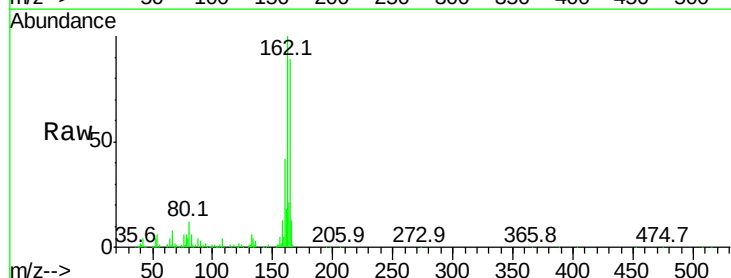
Tgt Ion:165 Resp: 17235

Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.7	79.1#
89	0.0	49.2	73.8#

165 100

63 0.0 52.7 79.1#

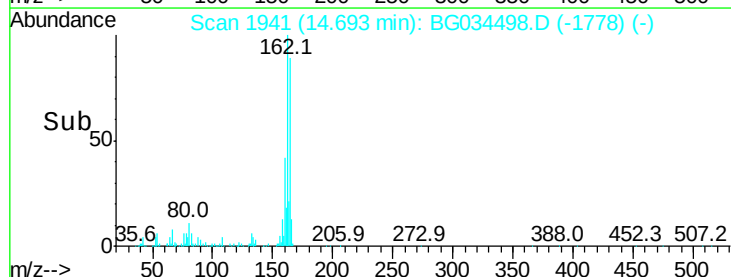
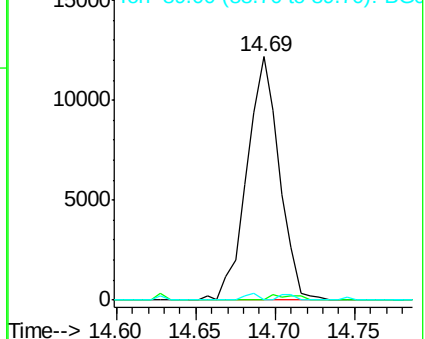
89 0.0 49.2 73.8#

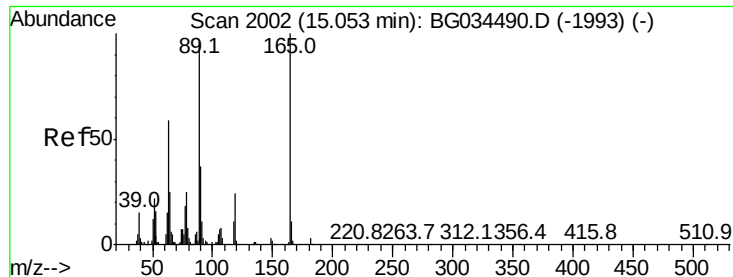


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0

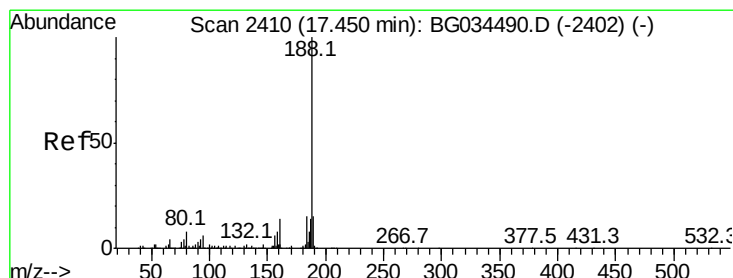
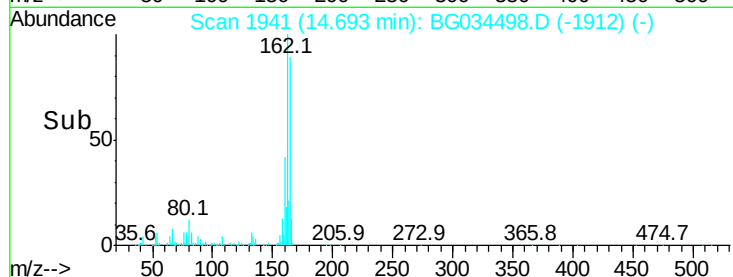
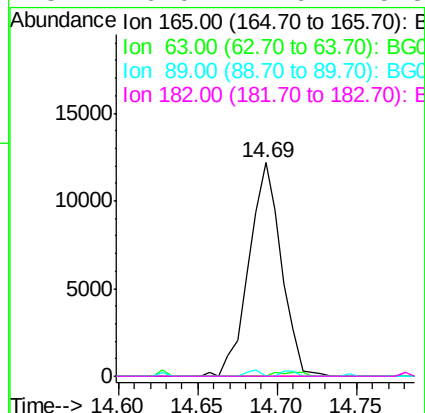
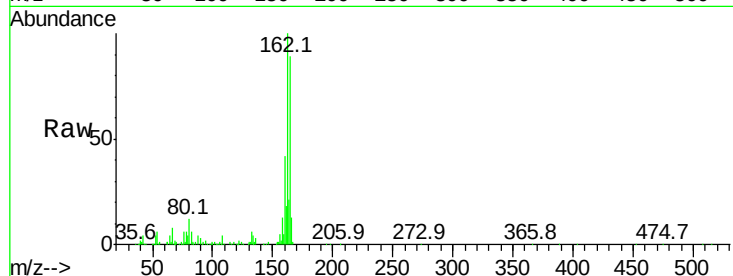




#56
 2,4-Dinitrotoluene
 Concen: 4.832 ng
 RT: 14.69 min Scan# 1941
 Delta R.T. -0.36 min
 Lab File: BG034498.D
 Acq: 16 May 2018 21:16

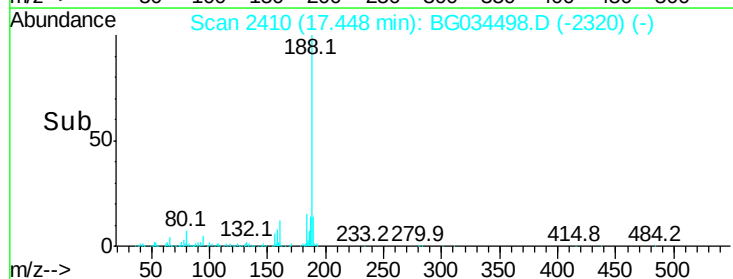
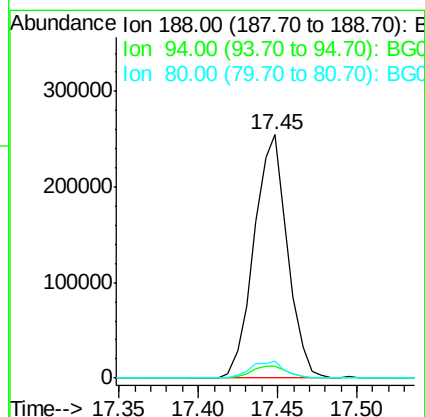
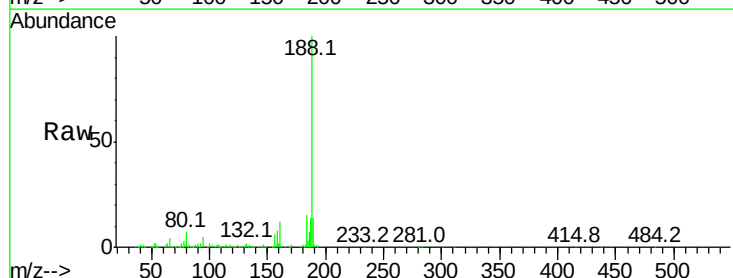
Instrument :
 BNA_G
 ClientSampleId :

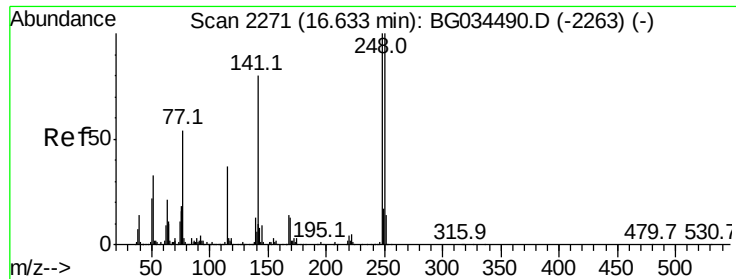
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	42.0	63.0#
89	0.0	66.9	100.3#
182	0.0	2.6	3.8#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.45 min Scan# 2410
 Delta R.T. -0.00 min
 Lab File: BG034498.D
 Acq: 16 May 2018 21:16

Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.1	6.9	10.3#
80	7.1	7.7	11.5#

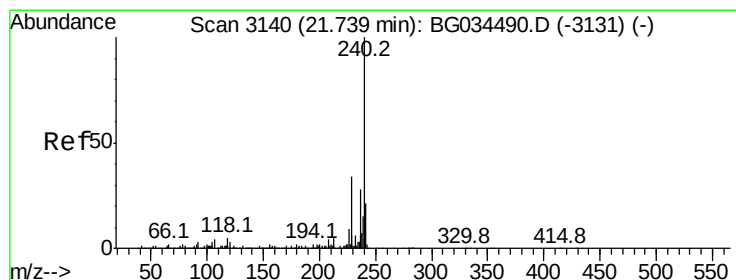
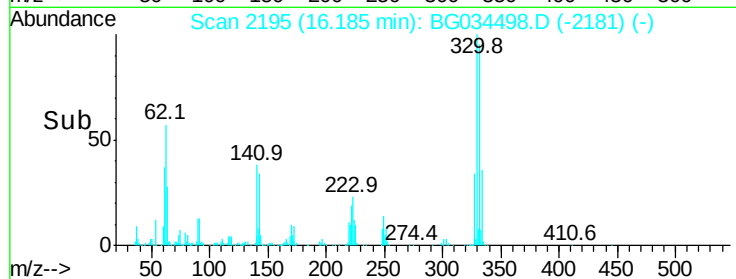
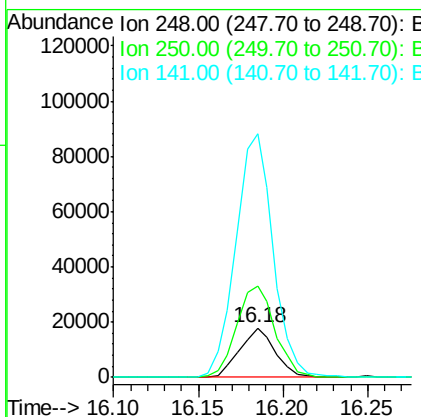
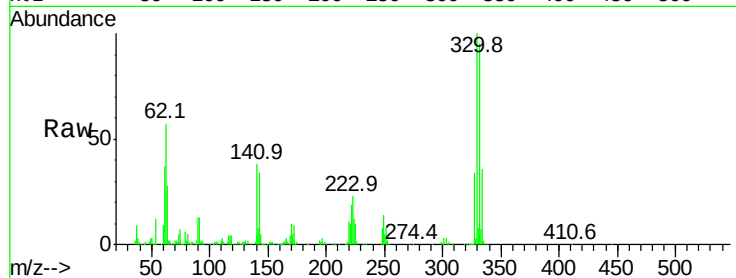




#66
4-Bromophenyl-phenylether
Concen: 5.336 ng
RT: 16.18 min Scan# 2195
Delta R.T. -0.45 min
Lab File: BG034498.D
Acq: 16 May 2018 21:16

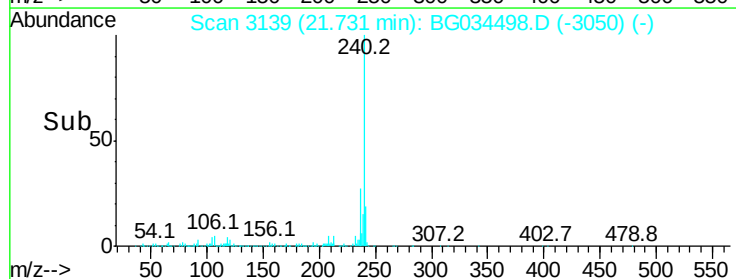
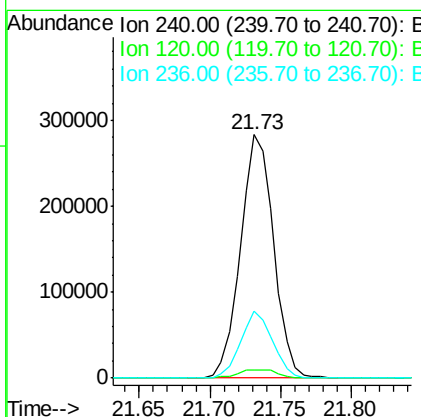
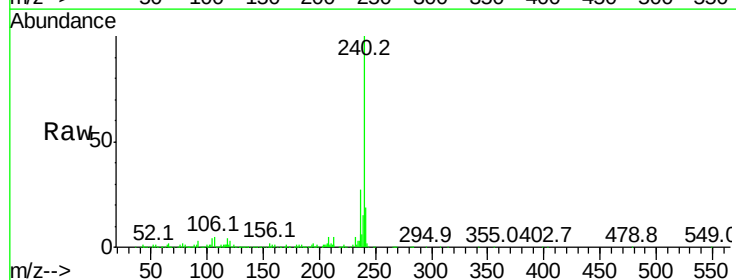
Instrument :
BNA_G
ClientSampled :

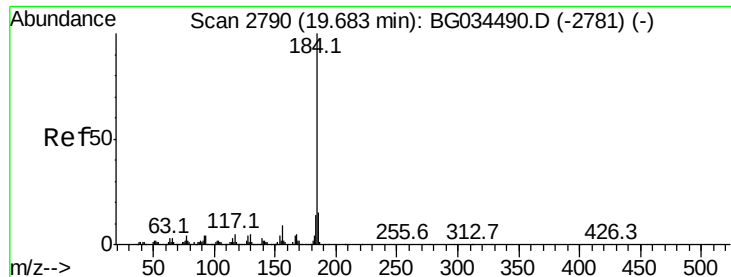
Tot Ion:248 Resp: 26195
Ion Ratio Lower Upper
248 100
250 185.9 77.1 115.7#
141 494.0 50.8 76.2#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.73 min Scan# 3139
Delta R.T. -0.01 min
Lab File: BG034498.D
Acq: 16 May 2018 21:16

Tgt Ion:240 Resp: 464598
Ion Ratio Lower Upper
240 100
120 3.5 6.8 10.2#
236 27.5 20.9 31.3





#76

Benzidine

Concen: 6.615 ng

RT: 20.06 min Scan# 2854

Delta R.T. 0.38 min

Lab File: BG034498.D

Acq: 16 May 2018 21:16

Instrument :

BNA_G

ClientSampleId :

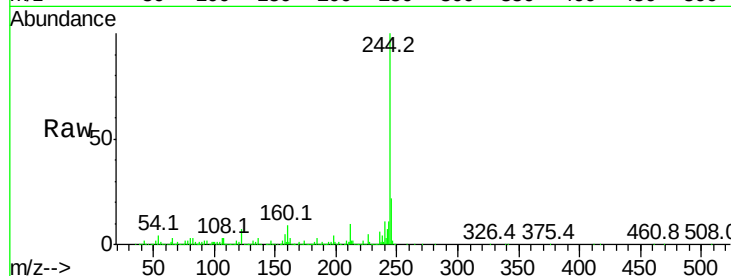
Tot Ion:184 Resp: 43931

Ion Ratio Lower Upper

184 100

185 12.1 11.1 16.7

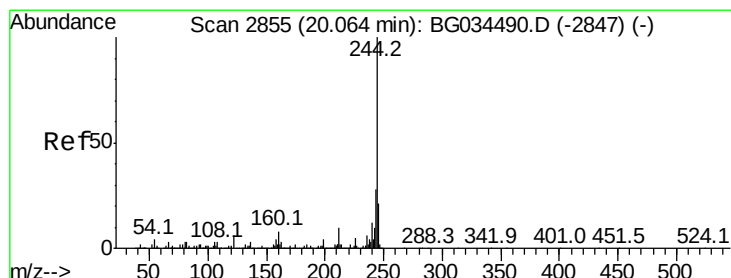
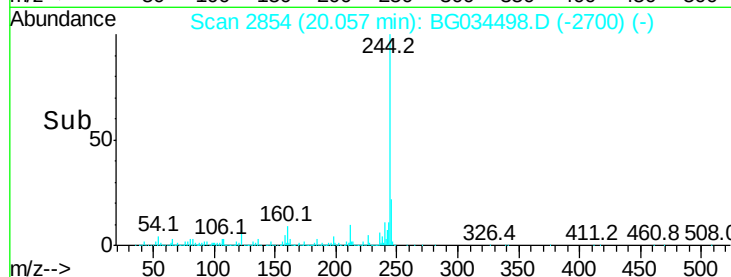
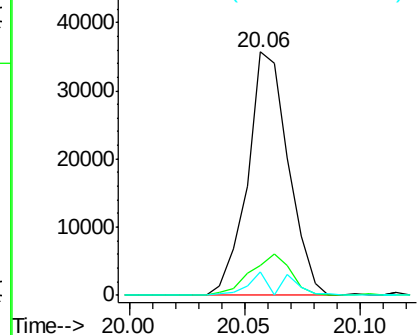
183 9.6 10.6 16.0#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Terphenyl-d14

Concen: 96.209 ng

RT: 20.06 min Scan# 2855

Delta R.T. 0.01 min

Lab File: BG034498.D

Acq: 16 May 2018 21:16

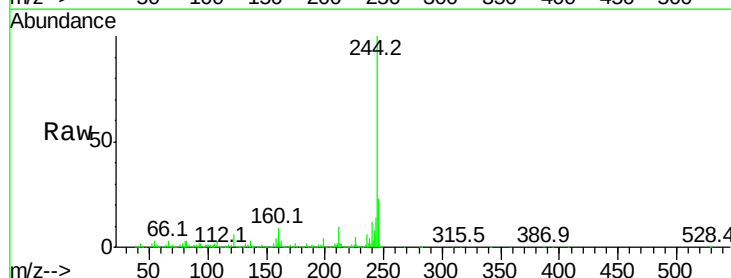
Tgt Ion:244 Resp: 2038271

Ion Ratio Lower Upper

244 100

212 10.0 5.8 8.8#

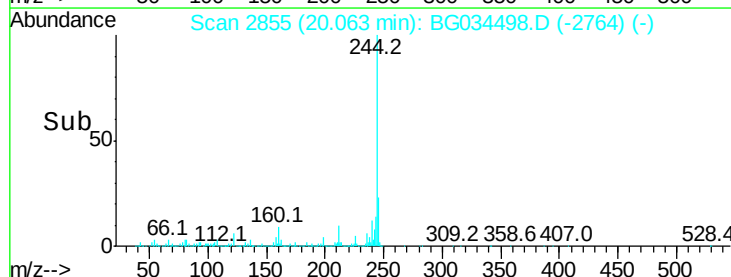
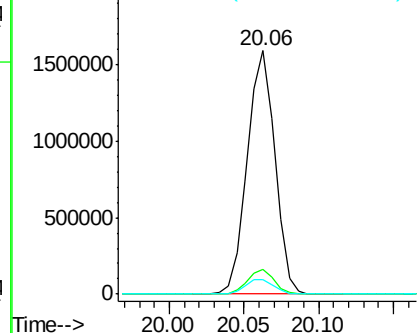
122 6.0 7.0 10.4#

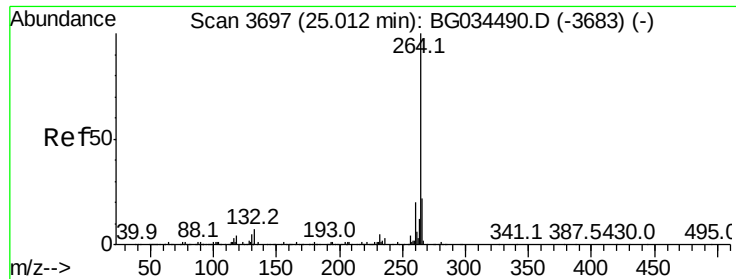


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.00 min Scan# 3696
 Delta R.T. -0.00 min
 Lab File: BG034498.D
 Acq: 16 May 2018 21:16

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	17.4	26.0
265	24.9	17.7	26.5

