

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061518\
 Data File : BG035195.D
 Acq On : 16 Jun 2018 6:41
 Operator : SJ/JU
 Sample : J3488-03
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 18 01:17:59 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG060718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 08 17:16:28 2018
 Response via : Initial Calibration

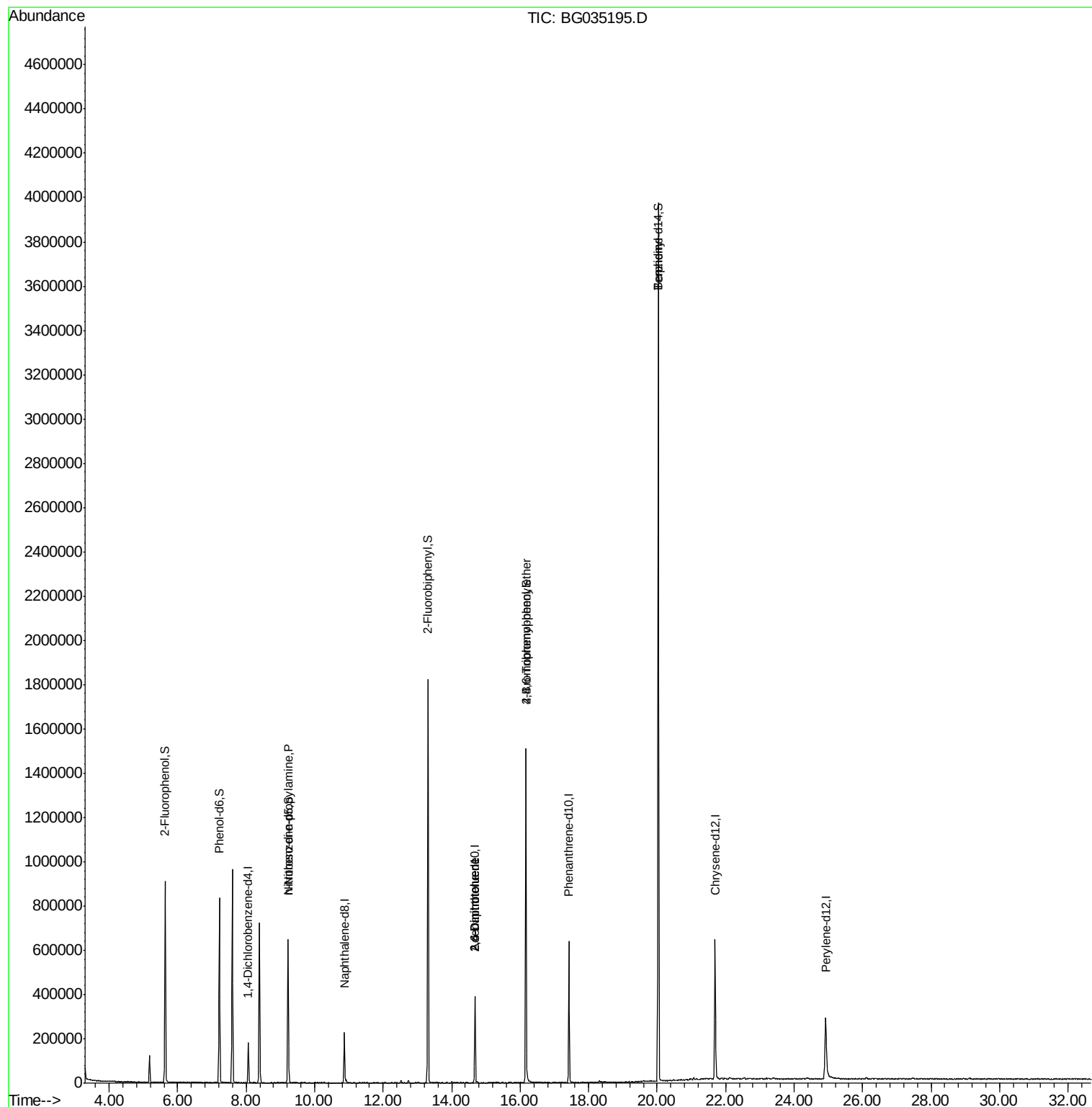
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	49669	20.00	ng	-0.02
21) Naphthalene-d8	10.87	136	191205	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	142523	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	389795	20.00	ng	-0.02
75) Chrysene-d12	21.69	240	428679	20.00	ng	-0.03
86) Perylene-d12	24.92	264	362516	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	377317	128.20	ng	0.00
7) Phenol-d6	7.22	99	515716	118.72	ng	0.00
23) Nitrobenzene-d5	9.22	82	430231	106.96	ng	-0.02
41) 2,4,6-Tribromophenol	16.17	330	287061	157.34	ng	-0.02
44) 2-Fluorobiphenyl	13.31	172	993000	90.57	ng	-0.02
78) Terphenyl-d14	20.03	244	1867796	91.27	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	58841	15.944	ng	# 67
50) 2,6-Dinitrotoluene	14.69	165	20466	9.026	ng	# 20
56) 2,4-Dinitrotoluene	14.69	165	20466	6.795	ng	# 18
66) 4-Bromophenyl-phenylether	16.17	248	22734	4.843	ng	# 1
76) Benzidine	20.03	184	33718	2.114	ng	# 89

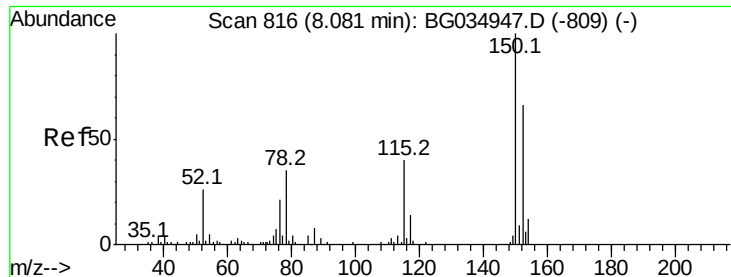
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 20 Sample Multiplier: 1

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BNA_G
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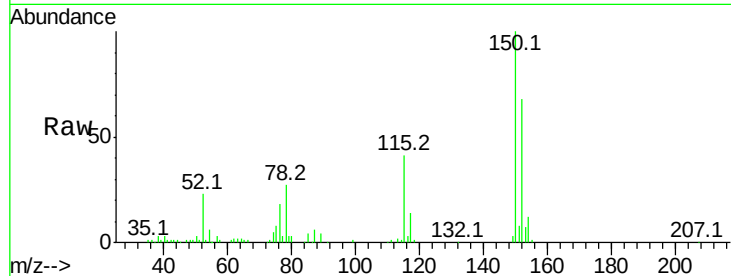


#1

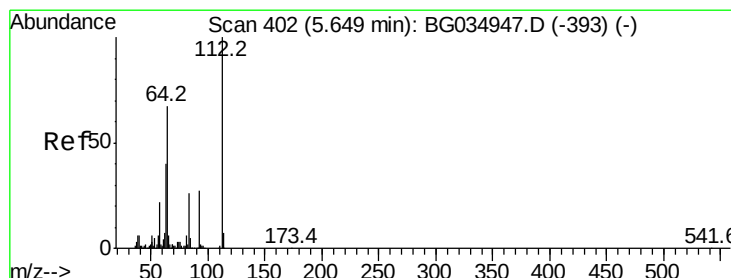
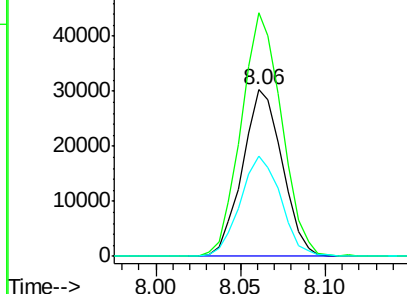
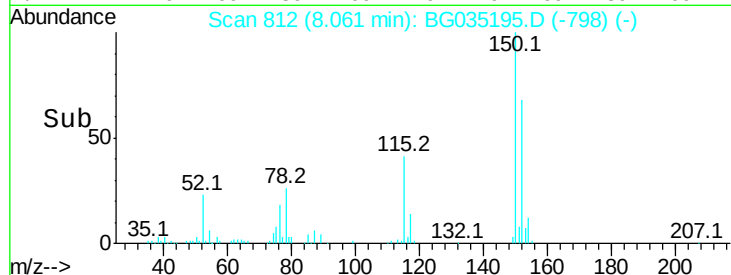
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.02 min
Lab File: BG035195.D
Acq: 16 Jun 2018 6:41

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 49669
Ion Ratio Lower Upper
152 100
150 146.2 126.6 189.8
115 60.2 53.0 79.4



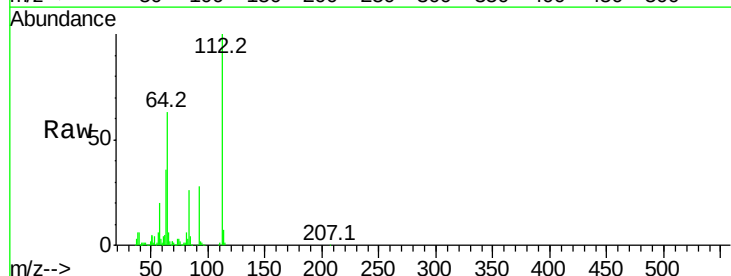
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



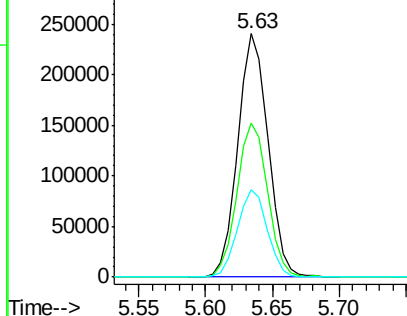
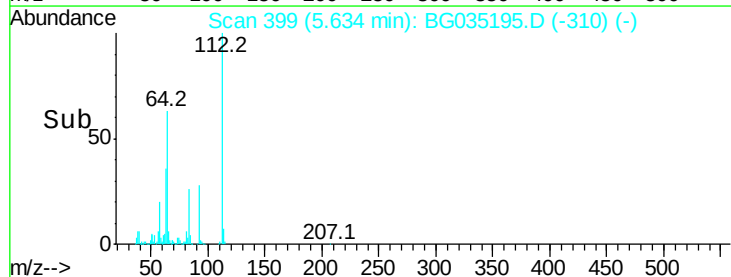
#5

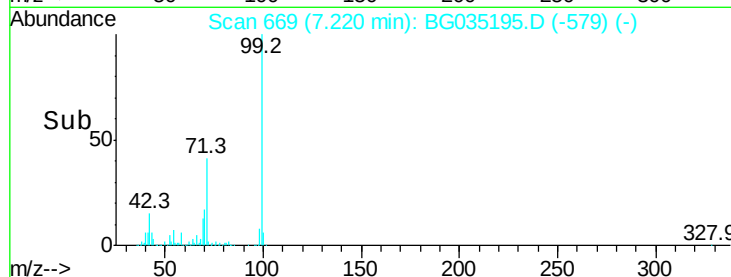
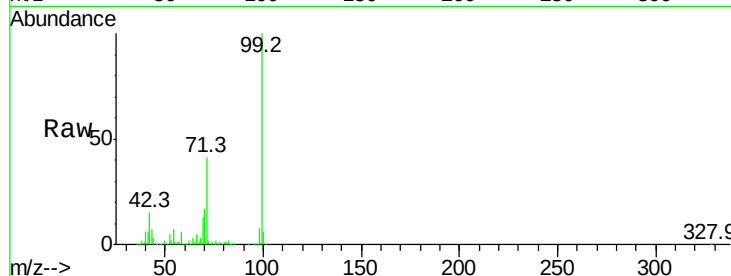
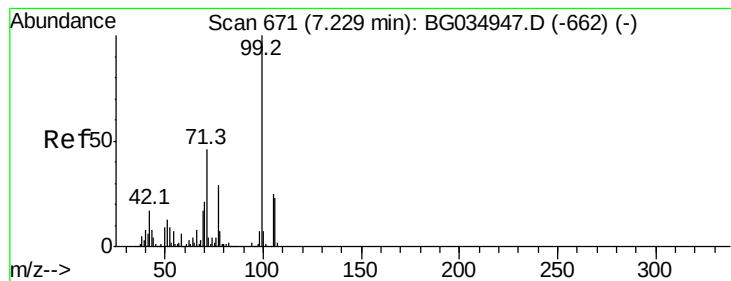
2-Fluorophenol
Concen: 128.201 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.01 min
Lab File: BG035195.D
Acq: 16 Jun 2018 6:41

Tgt Ion:112 Resp: 377317
Ion Ratio Lower Upper
112 100
64 63.4 56.3 84.5
63 36.2 30.1 45.1



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: 118.721 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG035195.D

Acq: 16 Jun 2018 6:41

Instrument :

BNA_G

ClientSampleId :

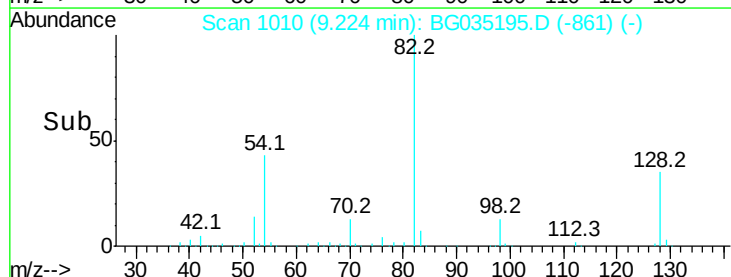
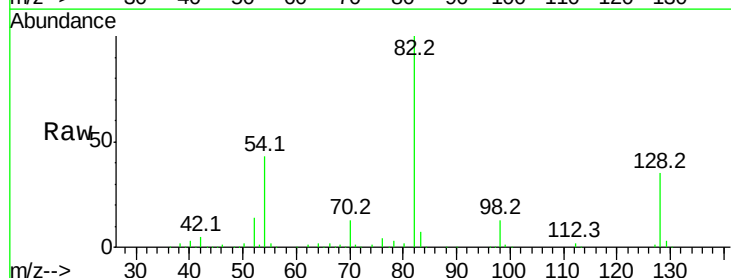
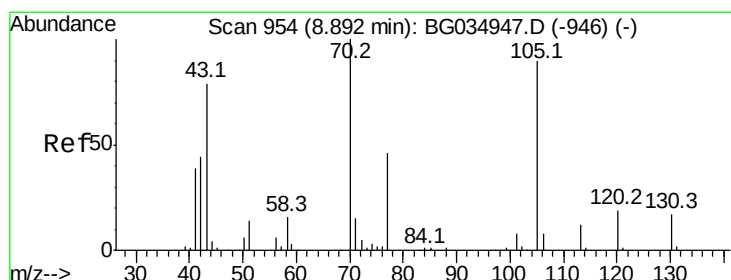
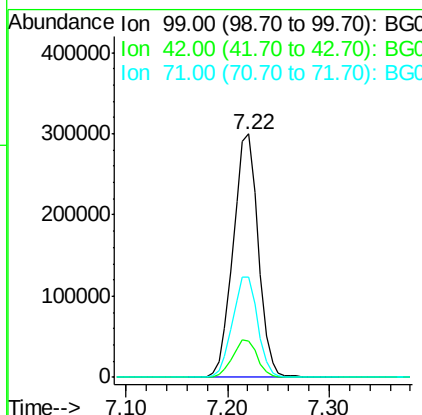
Tot Ion: 99 Resp: 515716

Ion Ratio Lower Upper

99 100

42 14.9 14.1 21.1

71 41.2 26.1 39.1#



#19

n-Nitroso-di-n-propylamine

Concen: 15.944 ng

RT: 9.22 min Scan# 1010

Delta R.T. 0.34 min

Lab File: BG035195.D

Acq: 16 Jun 2018 6:41

Tgt Ion: 70 Resp: 58841

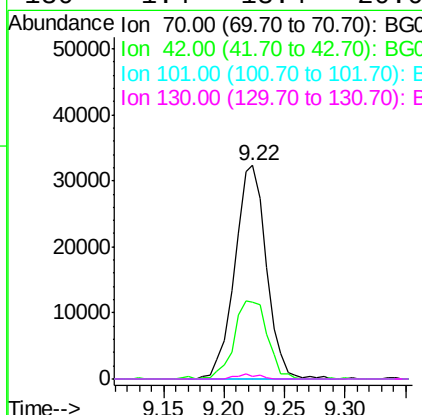
Ion Ratio Lower Upper

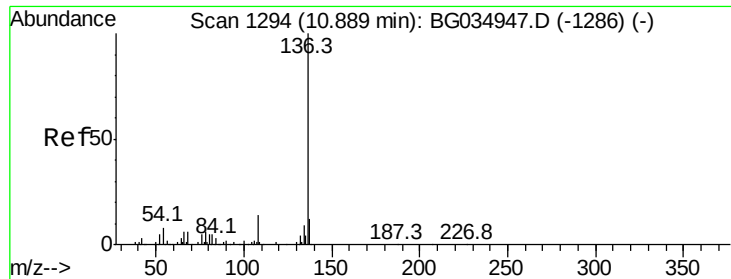
70 100

42 36.2 49.1 73.7#

101 0.0 8.5 12.7#

130 1.4 13.4 20.0#

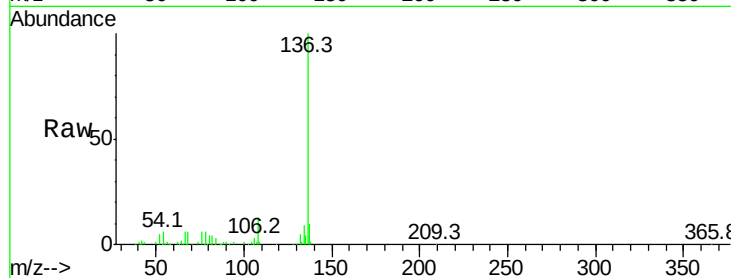




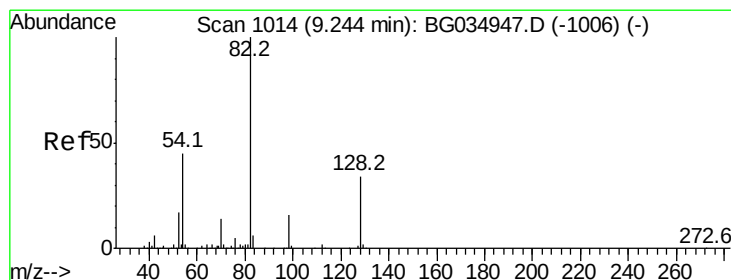
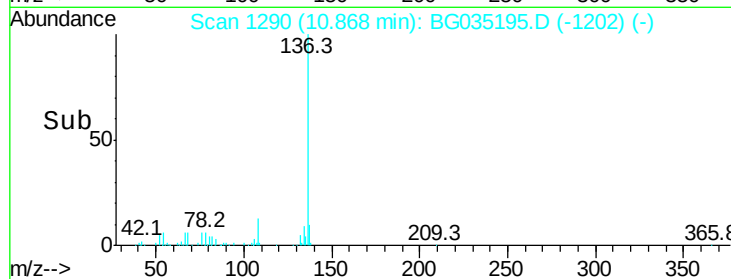
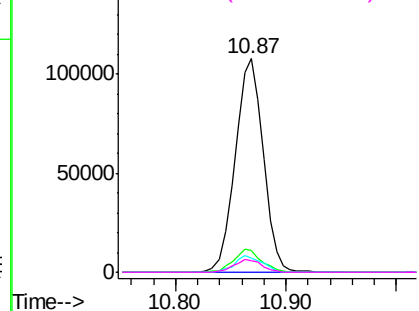
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BG035195.D
Acq: 16 Jun 2018 6:41

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	191205
Ion	Ratio	Lower	Upper
136	100		
137	10.3	9.2	13.8
54	6.4	10.3	15.5#
68	5.7	4.5	6.7

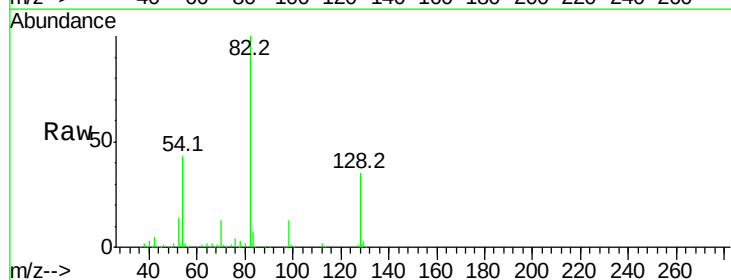


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

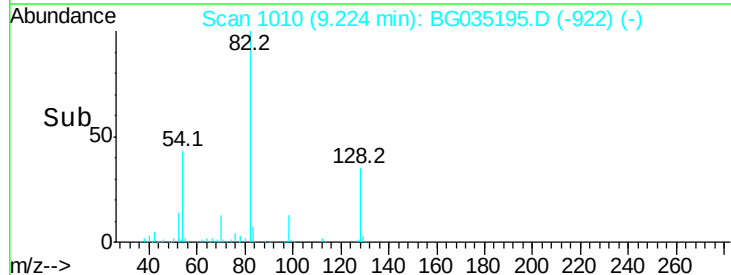
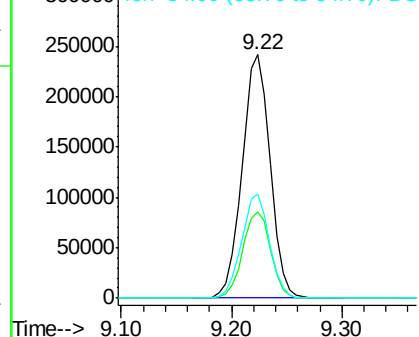


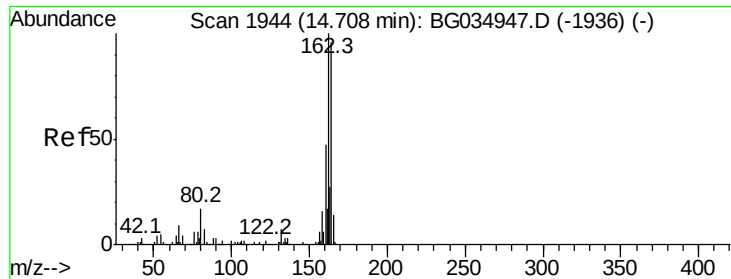
#23
Nitrobenzene-d5
Concen: 106.957 ng
RT: 9.22 min Scan# 1010
Delta R.T. -0.02 min
Lab File: BG035195.D
Acq: 16 Jun 2018 6:41

Tgt Ion:	82	Resp:	430231
Ion	Ratio	Lower	Upper
82	100		
128	35.2	29.7	44.5
54	42.7	43.1	64.7#



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





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1939

Delta R.T. -0.02 min

Lab File: BG035195.D

Acq: 16 Jun 2018 6:41

Instrument :

BNA_G

ClientSampleId :

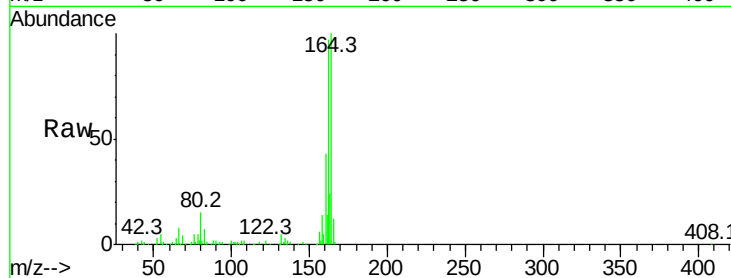
Tot Ion:164 Resp: 142523

Ion Ratio Lower Upper

164 100

162 97.4 78.8 118.2

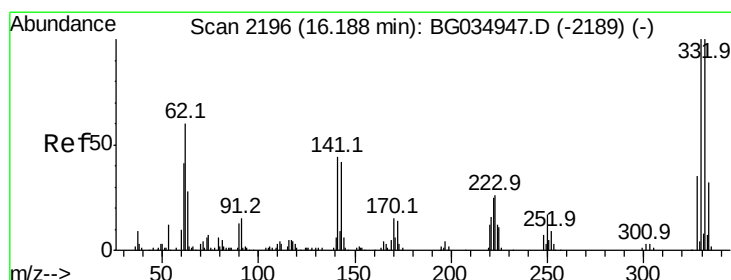
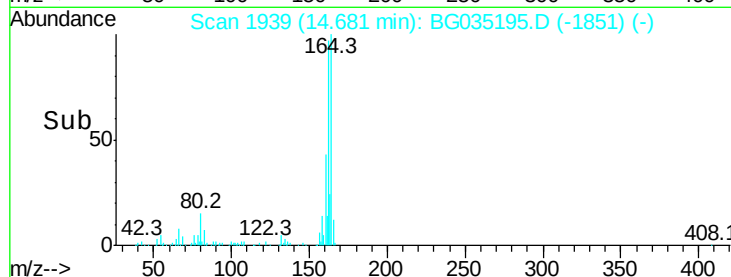
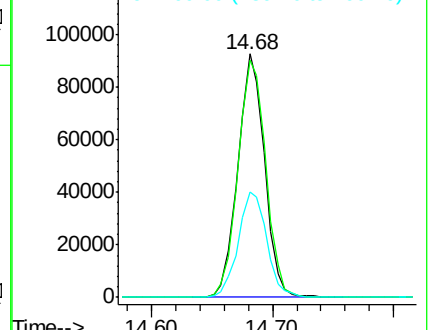
160 43.2 35.4 53.0



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



#41

2,4,6-Tribromophenol

Concen: 157.339 ng

RT: 16.17 min Scan# 2192

Delta R.T. -0.02 min

Lab File: BG035195.D

Acq: 16 Jun 2018 6:41

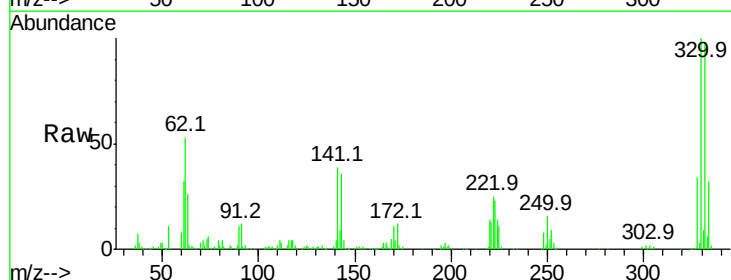
Tgt Ion:330 Resp: 287061

Ion Ratio Lower Upper

330 100

332 98.1 77.0 115.6

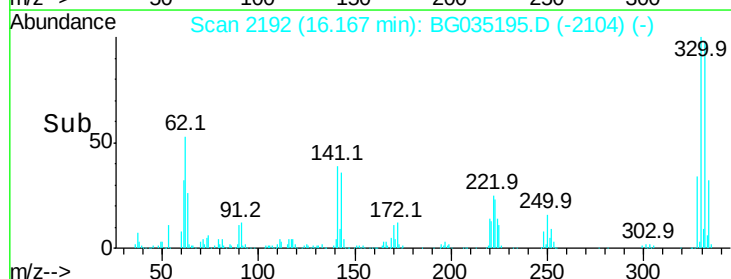
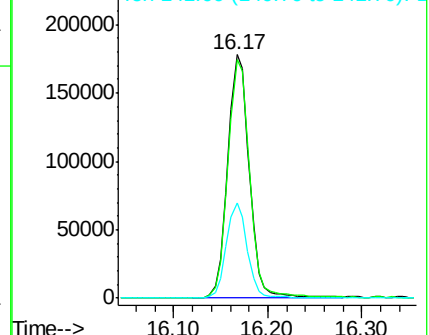
141 37.7 25.2 37.8

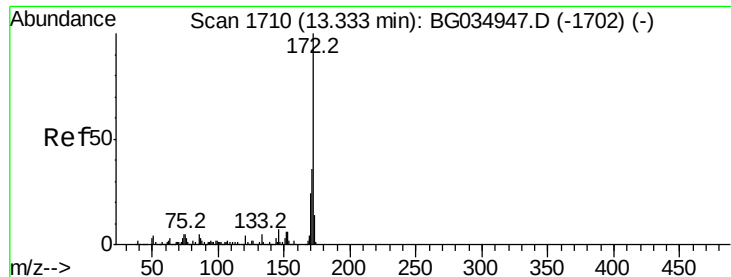


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

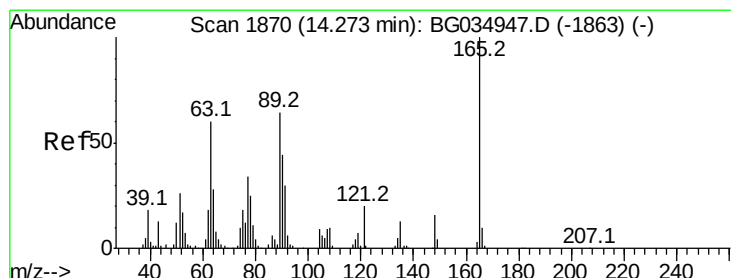
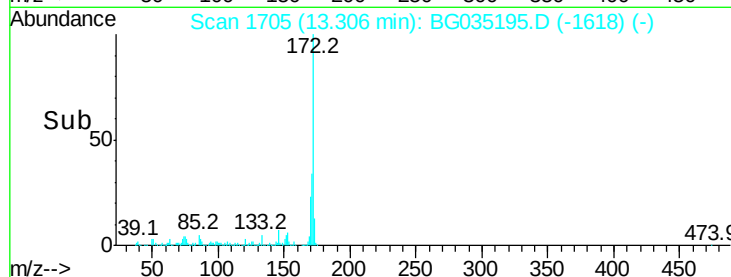
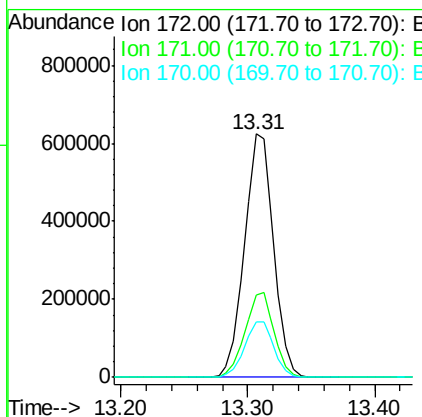
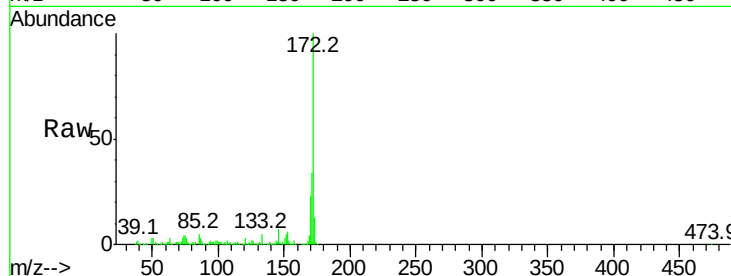




#44
2-Fluorobiphenyl
Concen: 90.575 ng
RT: 13.31 min Scan# 1705
Delta R.T. -0.02 min
Lab File: BG035195.D
Acq: 16 Jun 2018 6:41

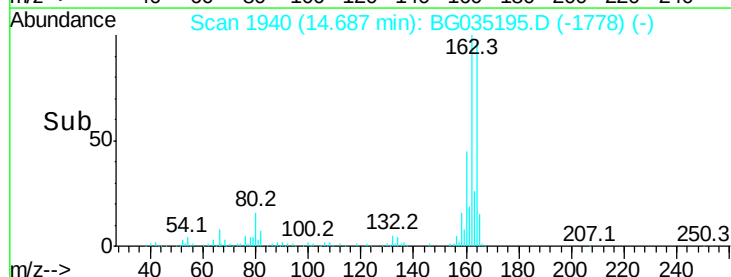
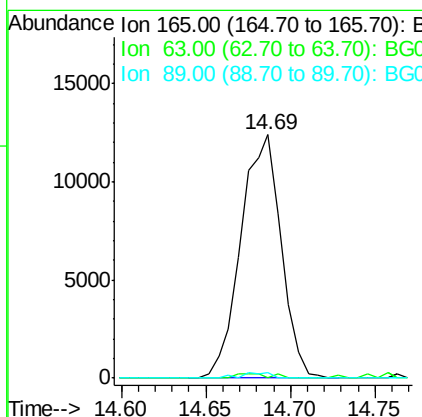
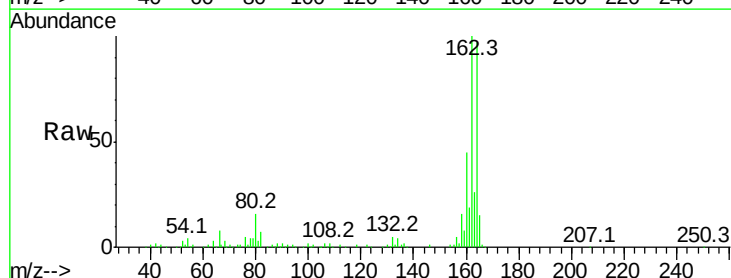
Instrument :
BNA_G
ClientSampleId :

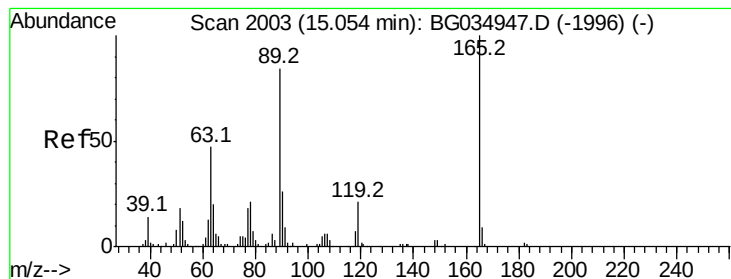
Tot Ion	Ratio	Lower	Upper
172	100		
171	33.9	30.0	45.0
170	23.0	19.5	29.3



#50
2,6-Dinitrotoluene
Concen: 9.026 ng
RT: 14.69 min Scan# 1940
Delta R.T. 0.42 min
Lab File: BG035195.D
Acq: 16 Jun 2018 6:41

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.7	79.1#
89	2.3	49.2	73.8#





#56

2,4-Dinitrotoluene

Concen: 6.795 ng

RT: 14.69 min Scan# 1940

Delta R.T. -0.36 min

Lab File: BG035195.D

Acq: 16 Jun 2018 6:41

Instrument :

BNA_G

ClientSampleId :

Tot Ion:165 Resp: 20466

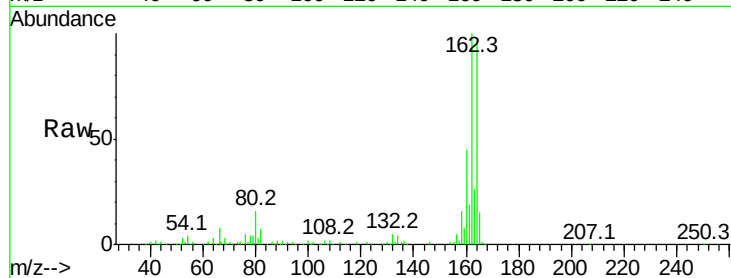
Ion Ratio Lower Upper

165 100

63 0.0 42.0 63.0#

89 2.3 66.9 100.3#

182 0.0 2.6 3.8#

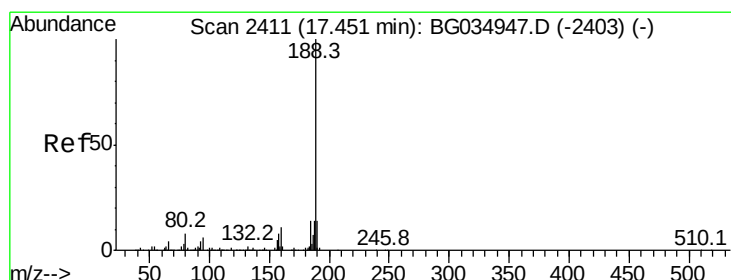
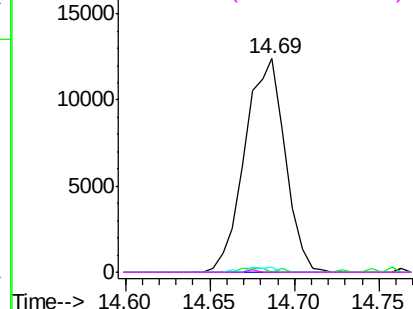
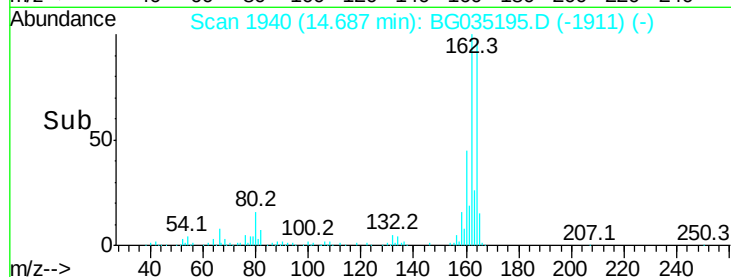


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2406

Delta R.T. -0.02 min

Lab File: BG035195.D

Acq: 16 Jun 2018 6:41

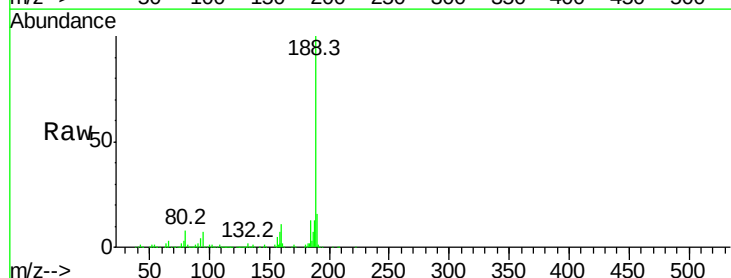
Tgt Ion:188 Resp: 389795

Ion Ratio Lower Upper

188 100

94 6.7 6.9 10.3#

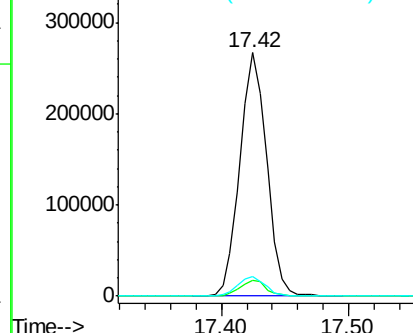
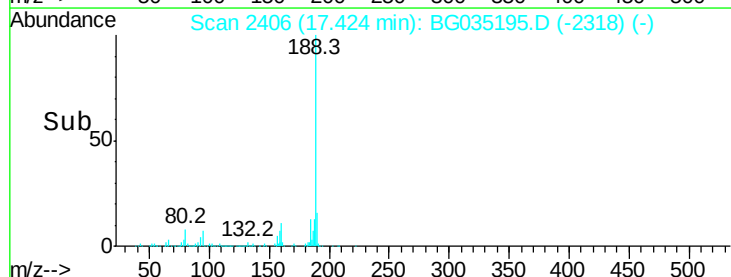
80 8.0 7.7 11.5

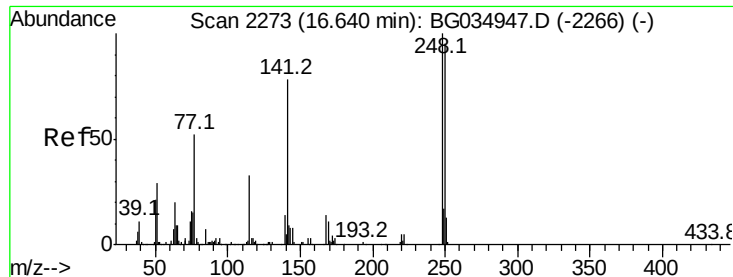


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

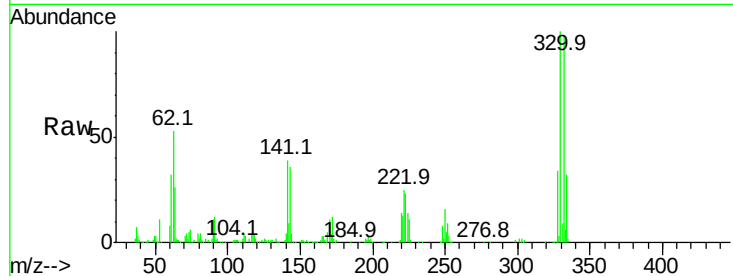




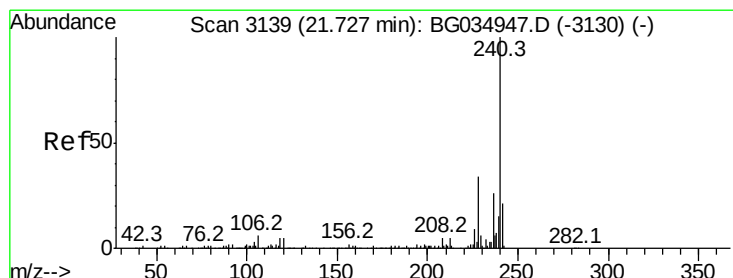
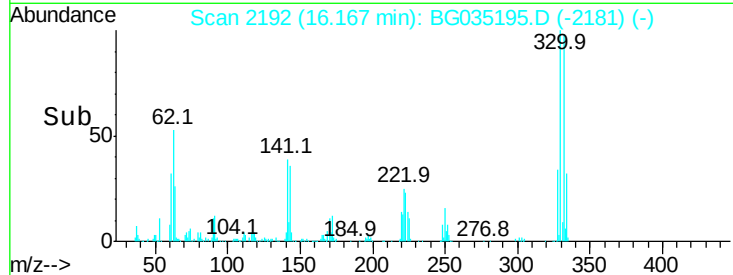
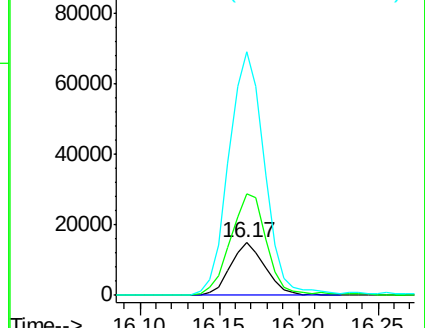
#66
 4-Bromophenyl-phenylether
 Concen: 4.843 ng
 RT: 16.17 min Scan# 2192
 Delta R.T. -0.47 min
 Lab File: BG035195.D
 Acq: 16 Jun 2018 6:41

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:248 Resp: 22734
 Ion Ratio Lower Upper
 248 100
 250 194.1 77.1 115.7#
 141 464.2 50.8 76.2#

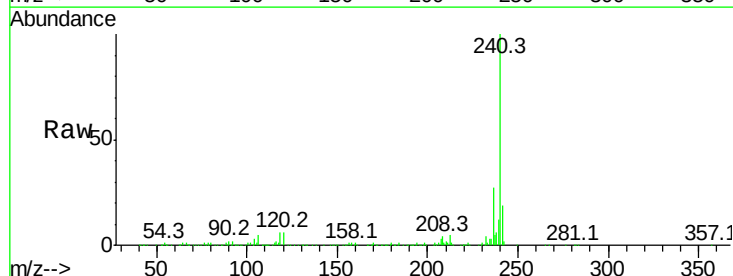


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

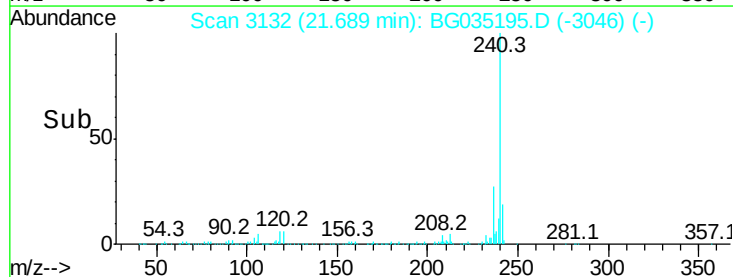
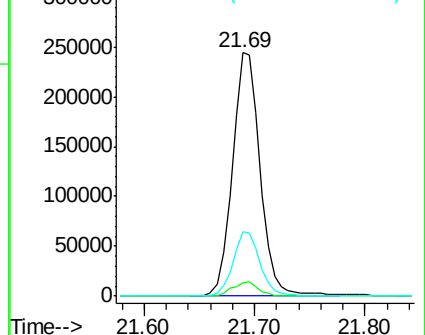


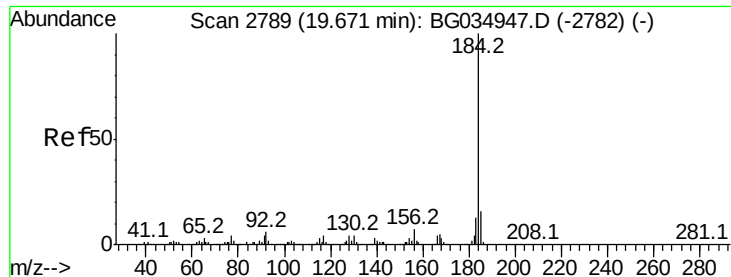
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.69 min Scan# 3132
 Delta R.T. -0.03 min
 Lab File: BG035195.D
 Acq: 16 Jun 2018 6:41

Tgt Ion:240 Resp: 428679
 Ion Ratio Lower Upper
 240 100
 120 5.6 6.8 10.2#
 236 26.7 20.9 31.3



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

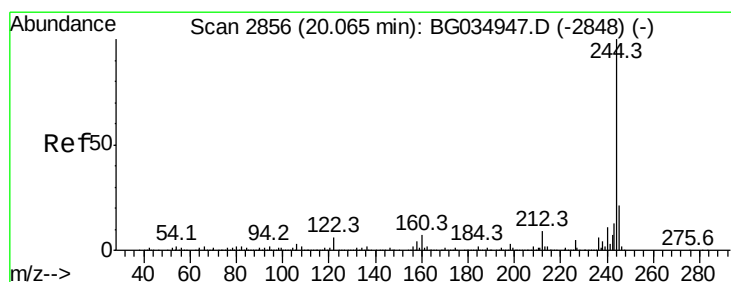
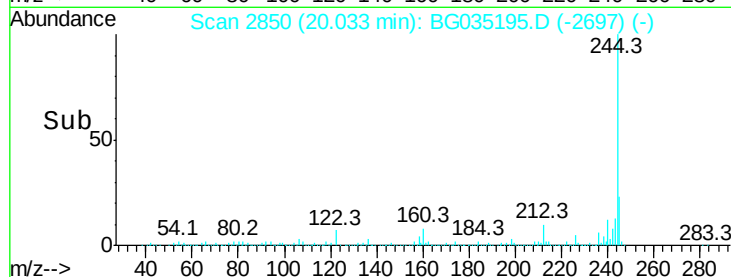
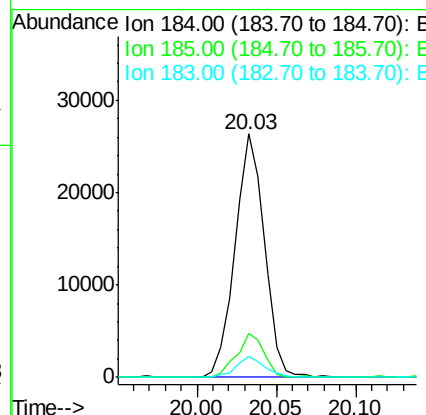
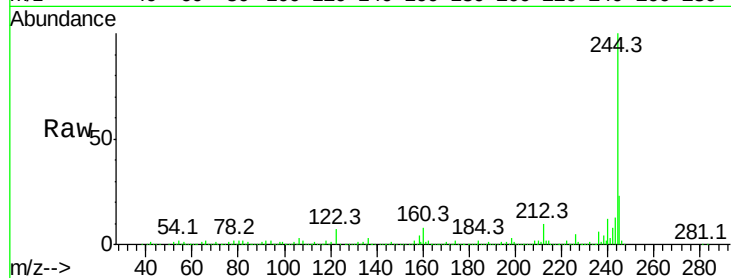




#76
Benzidine
Concen: 2.114 ng
RT: 20.03 min Scan# 2850
Delta R.T. 0.37 min
Lab File: BG035195.D
Acq: 16 Jun 2018 6:41

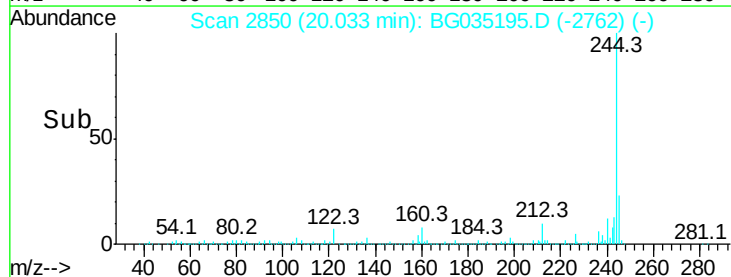
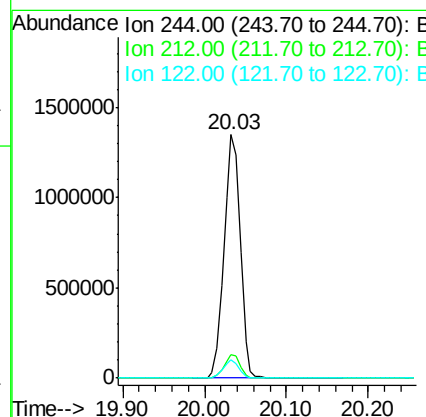
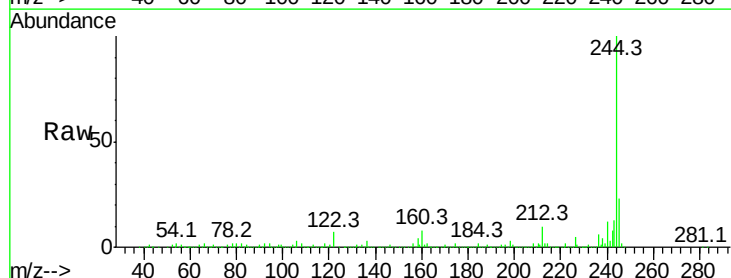
Instrument :
BNA_G
ClientSampleId :

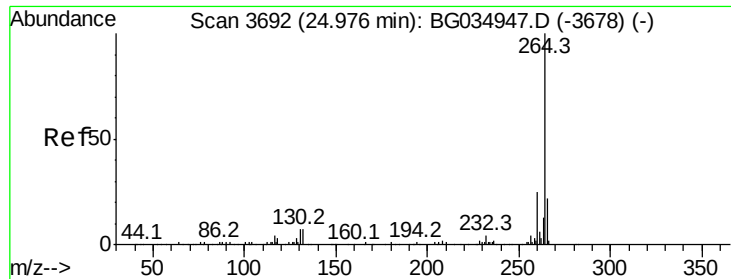
Tot Ion:184 Resp: 33718
Ion Ratio Lower Upper
184 100
185 18.3 11.1 16.7#
183 8.4 10.6 16.0#



#78
Terphenyl-d14
Concen: 91.267 ng
RT: 20.03 min Scan# 2850
Delta R.T. -0.02 min
Lab File: BG035195.D
Acq: 16 Jun 2018 6:41

Tgt Ion:244 Resp: 1867796
Ion Ratio Lower Upper
244 100
212 9.6 5.8 8.8#
122 7.3 7.0 10.4

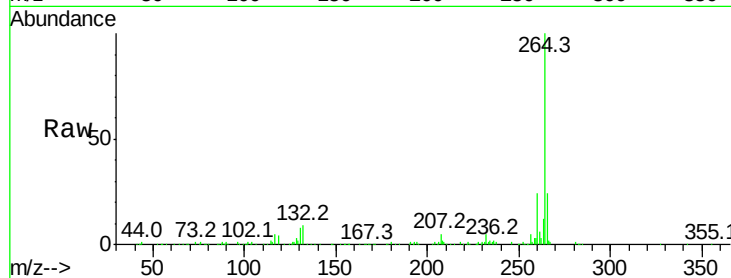




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.92 min Scan# 3682
 Delta R.T. -0.03 min
 Lab File: BG035195.D
 Acq: 16 Jun 2018 6:41

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	17.4	26.0
265	23.7	17.7	26.5



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

