

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062118\
 Data File : BG035323.D
 Acq On : 22 Jun 2018 7:37
 Operator : JU/SJ
 Sample : J3603-18
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 22 08:45:31 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

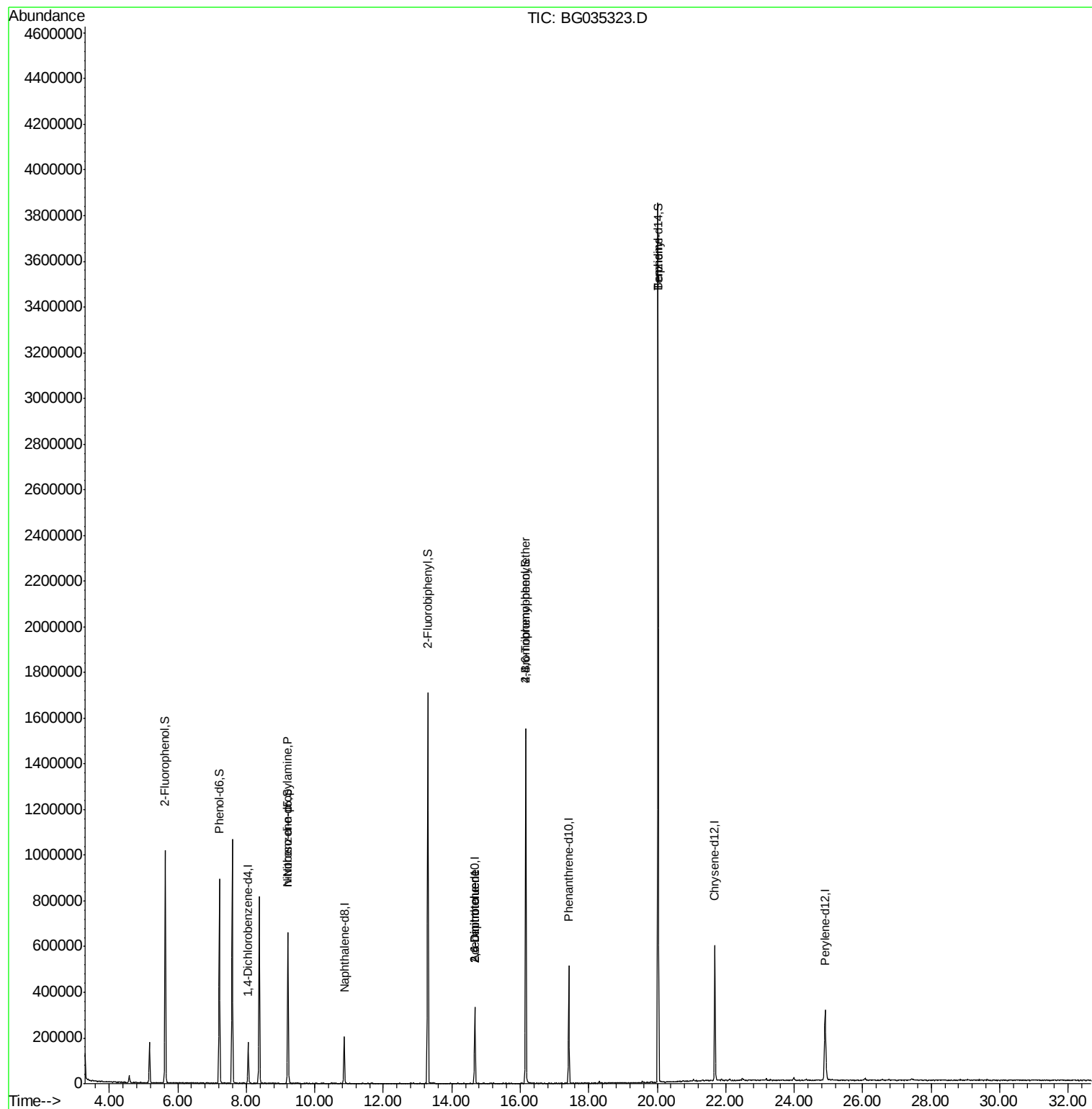
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	50869	20.00	ng	-0.02
21) Naphthalene-d8	10.85	136	174471	20.00	ng	-0.03
38) Acenaphthene-d10	14.67	164	121354	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	329791	20.00	ng	-0.02
75) Chrysene-d12	21.68	240	375227	20.00	ng	-0.04
86) Perylene-d12	24.91	264	362014	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	435966	144.63	ng	-0.01
7) Phenol-d6	7.22	99	552682	124.23	ng	0.00
23) Nitrobenzene-d5	9.22	82	435698	118.71	ng	-0.02
41) 2,4,6-Tribromophenol	16.17	330	301077	193.81	ng	-0.02
44) 2-Fluorobiphenyl	13.30	172	939388	100.63	ng	-0.02
78) Terphenyl-d14	20.02	244	1831848	102.26	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	59459	15.731	ng	# 67
50) 2,6-Dinitrotoluene	14.67	165	16997	8.804	ng	# 23
56) 2,4-Dinitrotoluene	14.67	165	16997	6.628	ng	# 21
66) 4-Bromophenyl-phenylether	16.17	248	23356	5.881	ng	# 1
76) Benzidine	20.02	184	31654	2.268	ng	# 91

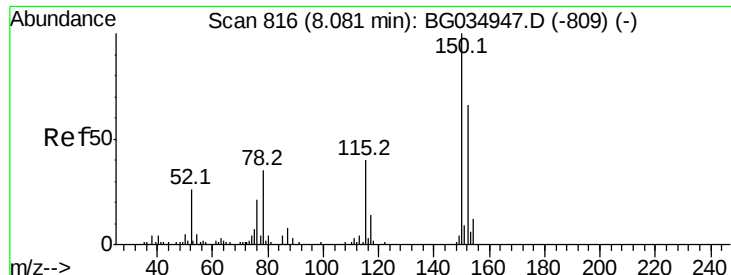
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062118\
Data File : BG035323.D
Acq On : 22 Jun 2018 7:37
Operator : JU/SJ
Sample : J3603-18
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Jun 22 08:45:31 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



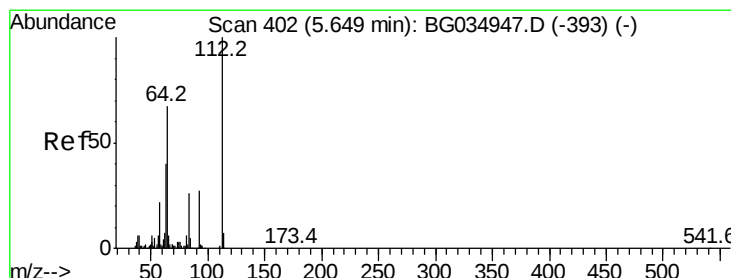
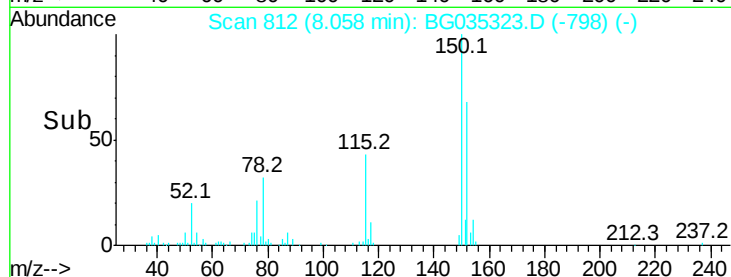
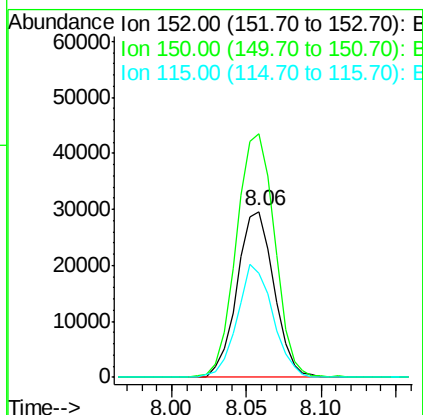
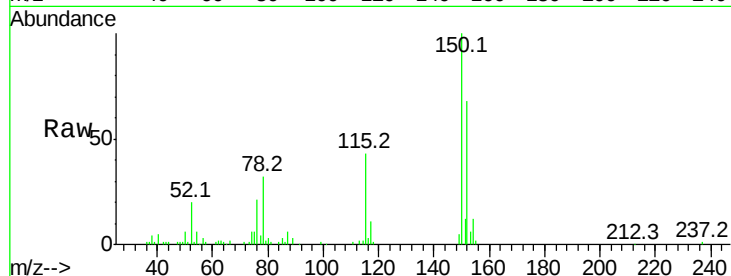


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.02 min
Lab File: BG035323.D
Acq: 22 Jun 2018 7:37

Instrument :
BNA_G
ClientSampled :

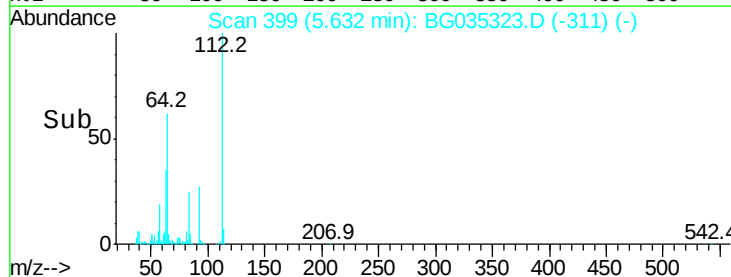
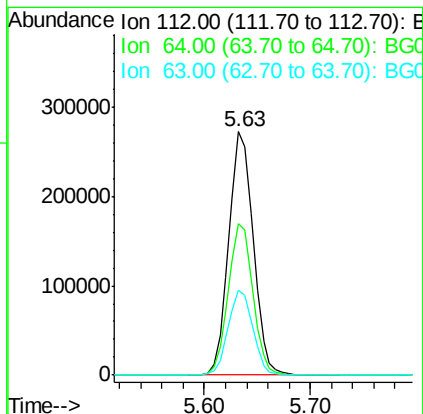
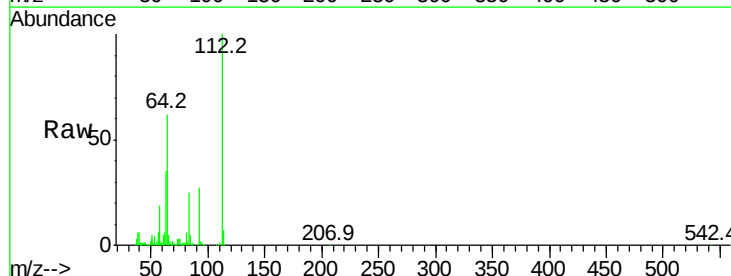
Tot Ion	Ratio	Lower	Upper
152	100		
150	146.7	126.6	189.8
115	63.0	53.0	79.4



#5

2-Fluorophenol
Concen: 144.634 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.01 min
Lab File: BG035323.D
Acq: 22 Jun 2018 7:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.0	56.3	84.5
63	35.0	30.1	45.1





#7

Phenol-d6

Concen: 124.230 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG035323.D

Acq: 22 Jun 2018 7:37

Instrument :

BNA_G

ClientSampleId :

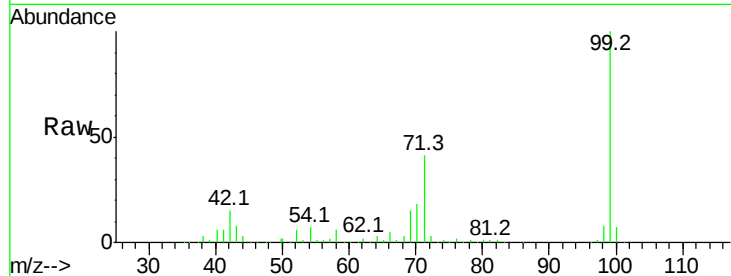
Tot Ion: 99 Resp: 552682

Ion Ratio Lower Upper

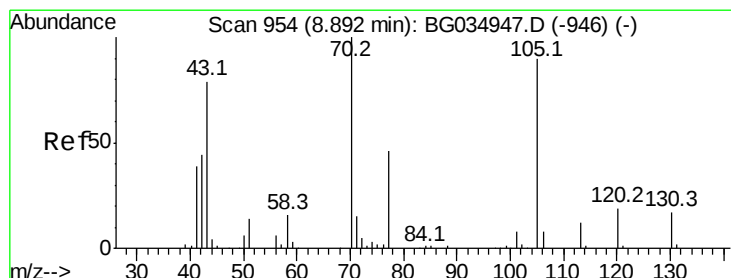
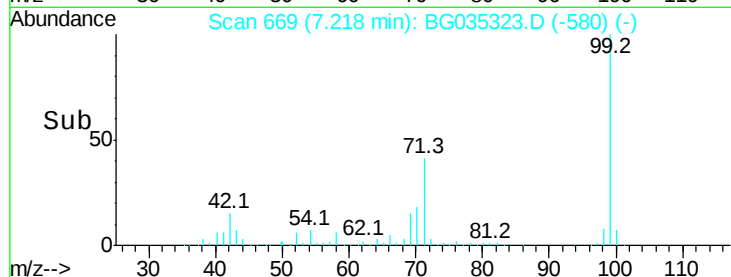
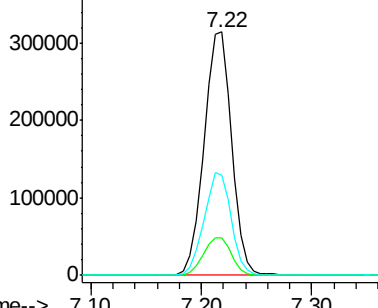
99 100

42 15.2 14.1 21.1

71 41.3 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: 15.731 ng

RT: 9.22 min Scan# 1009

Delta R.T. 0.33 min

Lab File: BG035323.D

Acq: 22 Jun 2018 7:37

Tgt Ion: 70 Resp: 59459

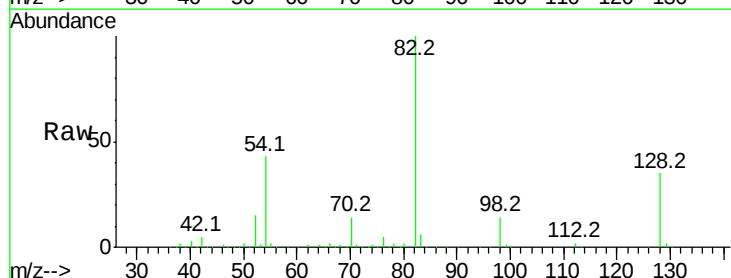
Ion Ratio Lower Upper

70 100

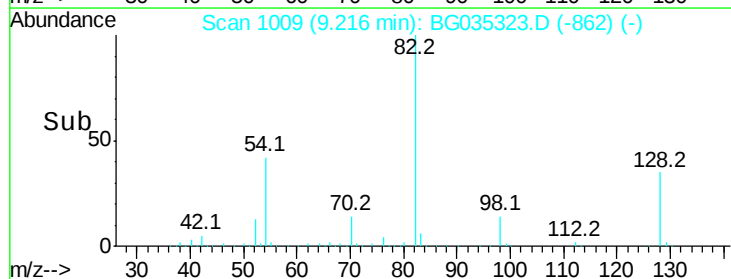
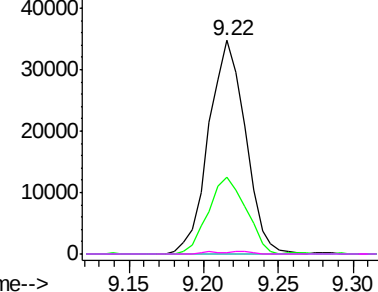
42 36.0 49.1 73.7#

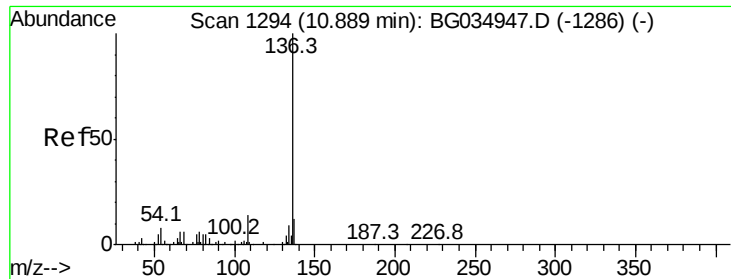
101 0.0 8.5 12.7#

130 0.8 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

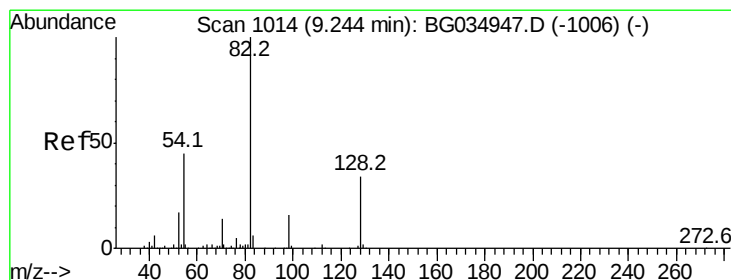
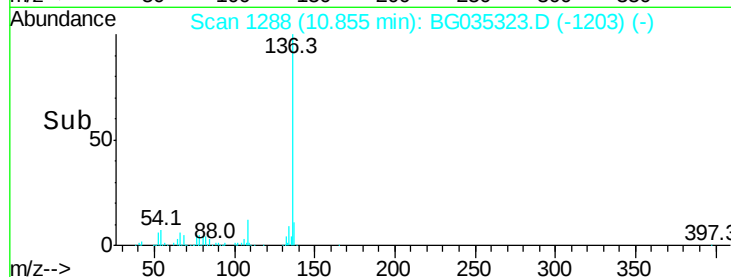
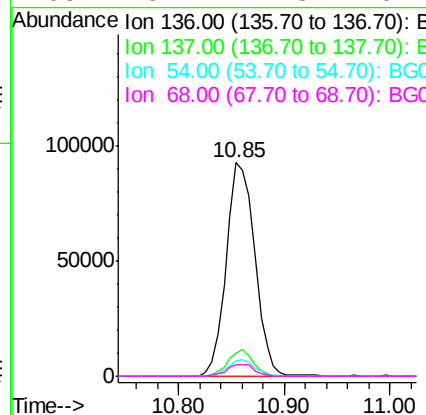
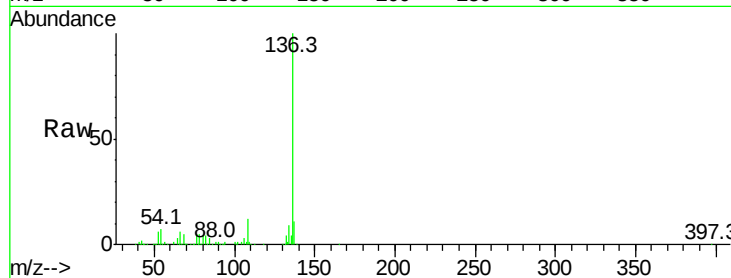




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1288
Delta R.T. -0.03 min
Lab File: BG035323.D
Acq: 22 Jun 2018 7:37

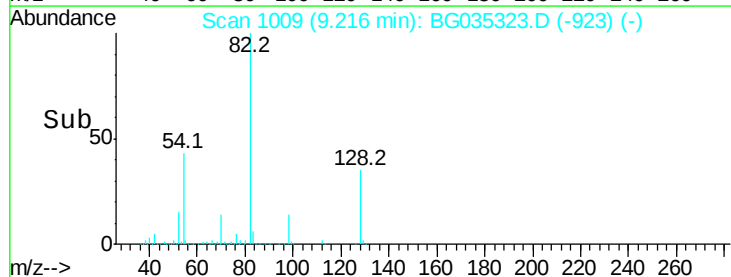
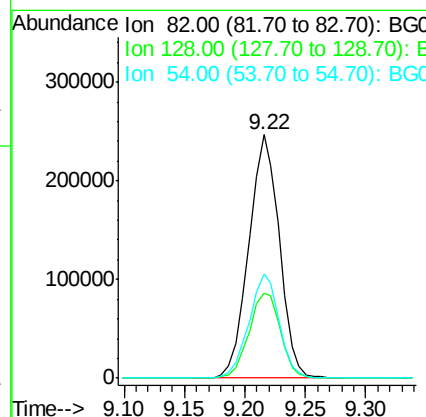
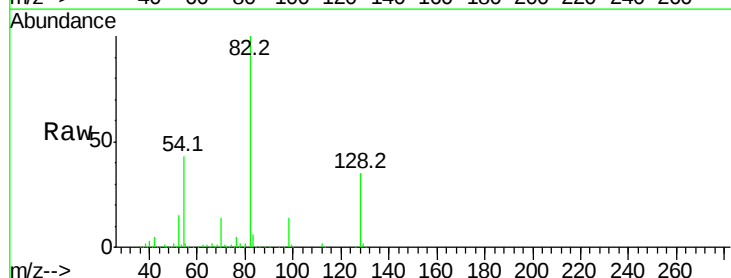
Instrument :
BNA_G
ClientSampleId :

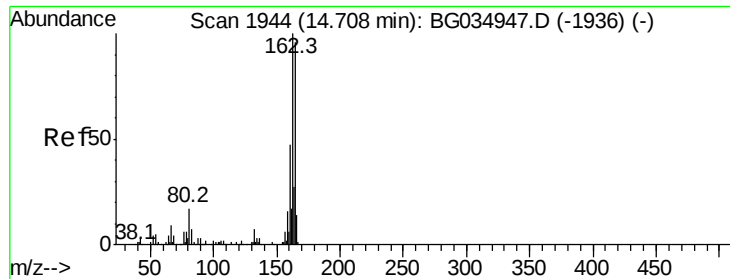
Tot Ion:	136	Resp:	174471
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.2	13.8
54	7.4	10.3	15.5#
68	5.2	4.5	6.7



#23
Nitrobenzene-d5
Concen: 118.705 ng
RT: 9.22 min Scan# 1009
Delta R.T. -0.02 min
Lab File: BG035323.D
Acq: 22 Jun 2018 7:37

Tgt Ion:	82	Resp:	435698
Ion	Ratio	Lower	Upper
82	100		
128	34.8	29.7	44.5
54	42.6	43.1	64.7#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1938

Delta R.T. -0.02 min

Lab File: BG035323.D

Acq: 22 Jun 2018 7:37

Instrument :

BNA_G

ClientSampleId :

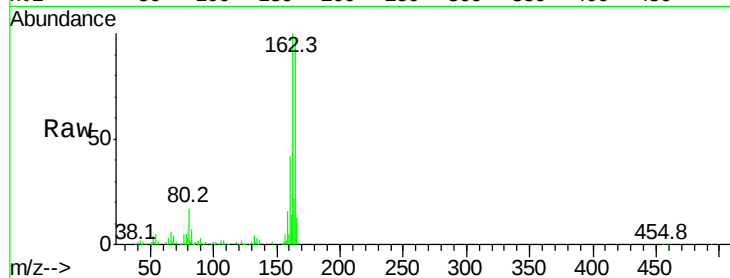
Tot Ion:164 Resp: 121354

Ion Ratio Lower Upper

164 100

162 101.8 78.8 118.2

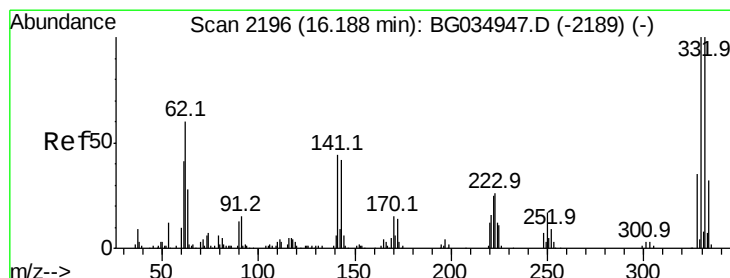
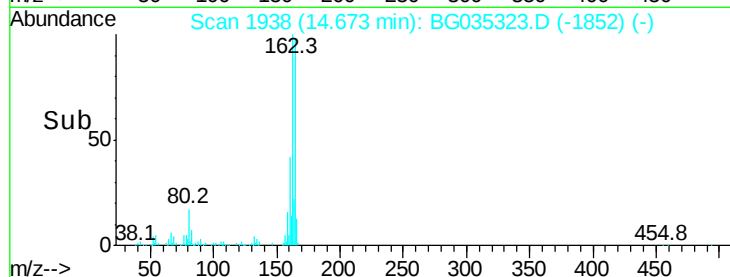
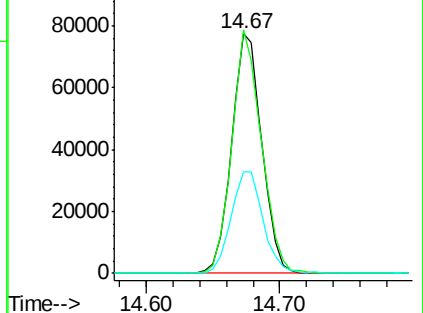
160 42.5 35.4 53.0



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: 193.807 ng

RT: 16.17 min Scan# 2192

Delta R.T. -0.02 min

Lab File: BG035323.D

Acq: 22 Jun 2018 7:37

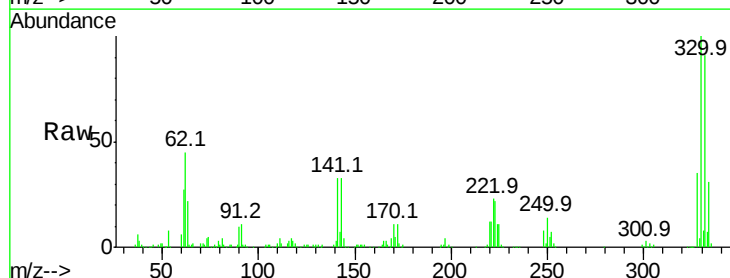
Tgt Ion:330 Resp: 301077

Ion Ratio Lower Upper

330 100

332 93.2 77.0 115.6

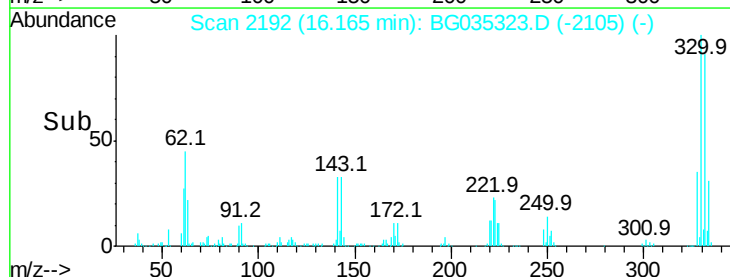
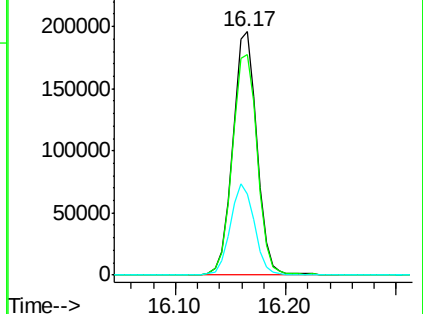
141 37.3 25.2 37.8

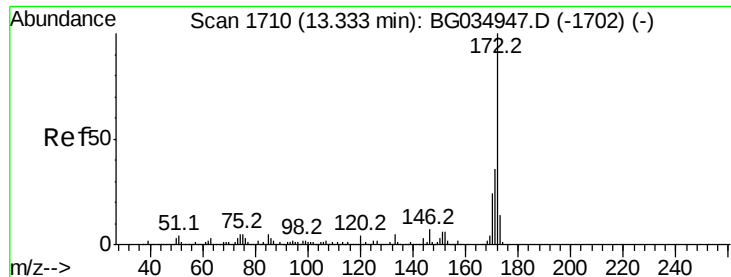


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

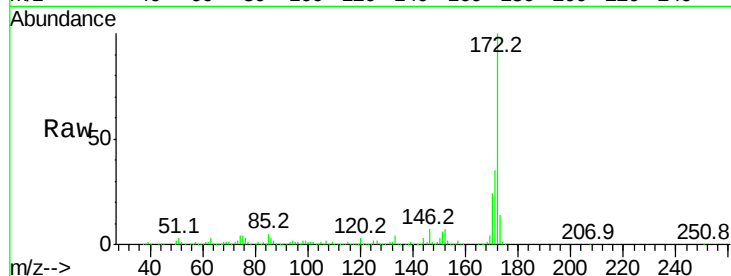




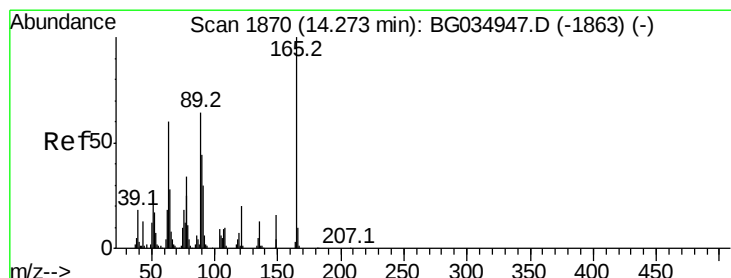
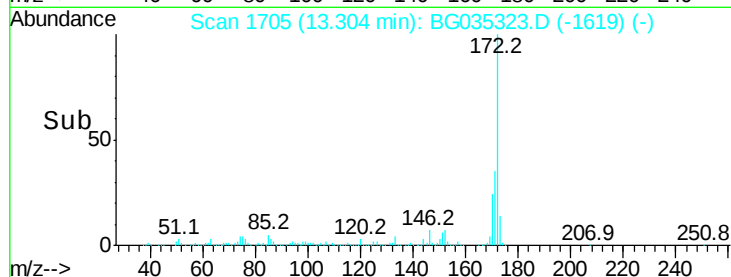
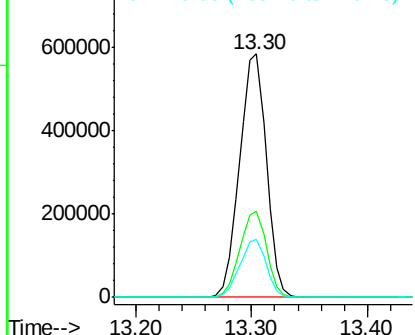
#44
2-Fluorobiphenyl
Concen: 100.631 ng
RT: 13.30 min Scan# 1705
Delta R.T. -0.02 min
Lab File: BG035323.D
Acq: 22 Jun 2018 7:37

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.5	30.0	45.0
170	24.0	19.5	29.3

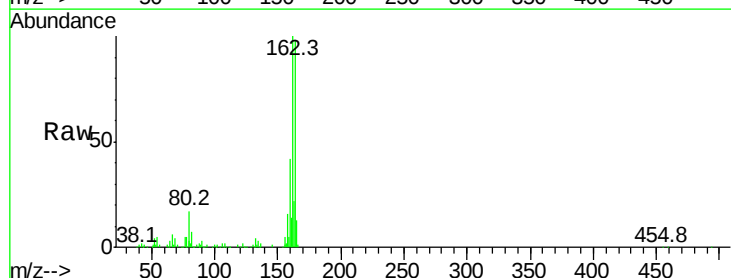


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

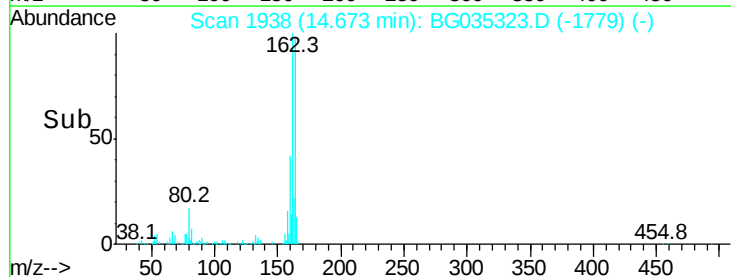
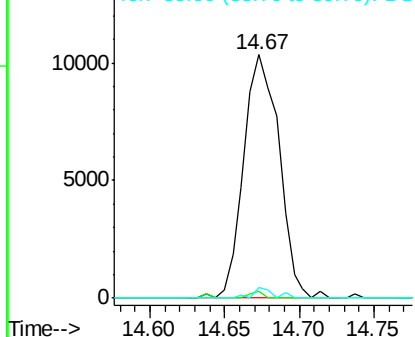


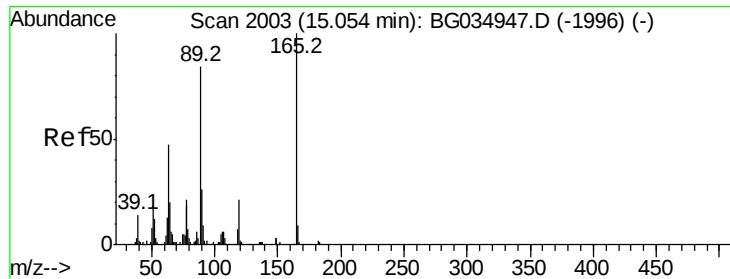
#50
2,6-Dinitrotoluene
Concen: 8.804 ng
RT: 14.67 min Scan# 1938
Delta R.T. 0.41 min
Lab File: BG035323.D
Acq: 22 Jun 2018 7:37

Tgt Ion	Ratio	Lower	Upper
165	100		
63	3.0	52.7	79.1#
89	4.5	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

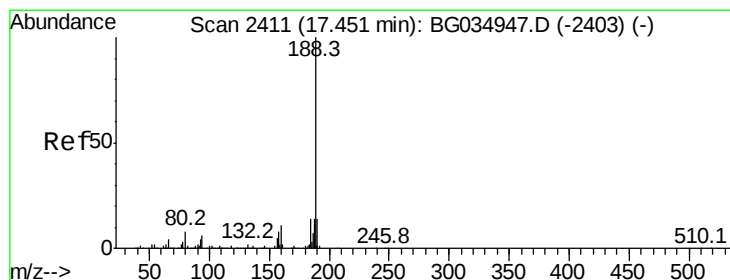
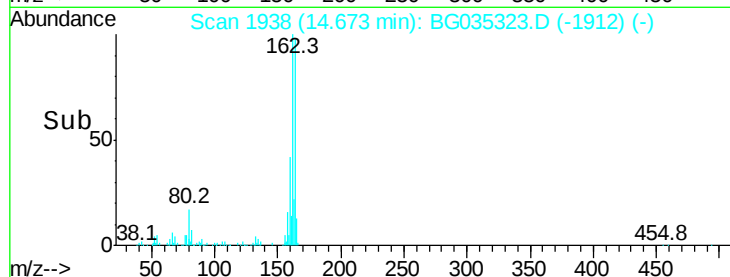
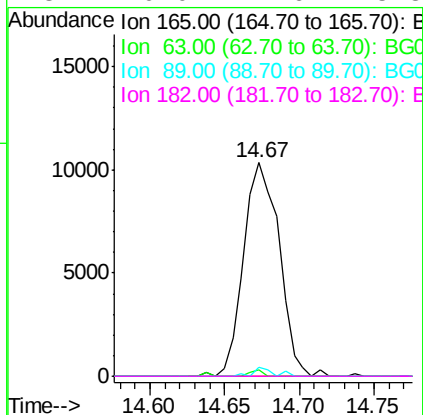
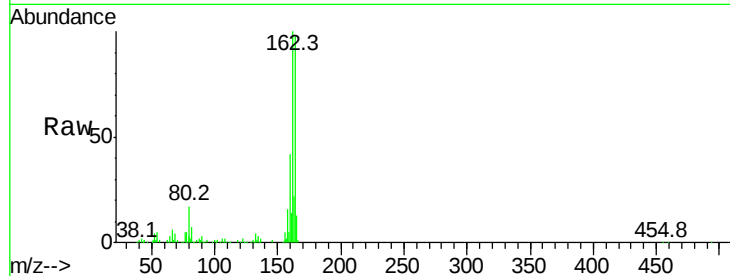




#56
 2,4-Dinitrotoluene
 Concen: 6.628 ng
 RT: 14.67 min Scan# 1938
 Delta R.T. -0.38 min
 Lab File: BG035323.D
 Acq: 22 Jun 2018 7:37

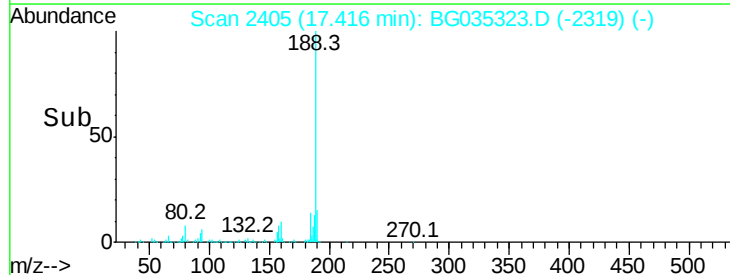
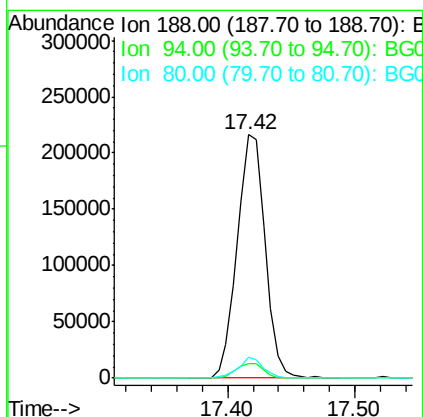
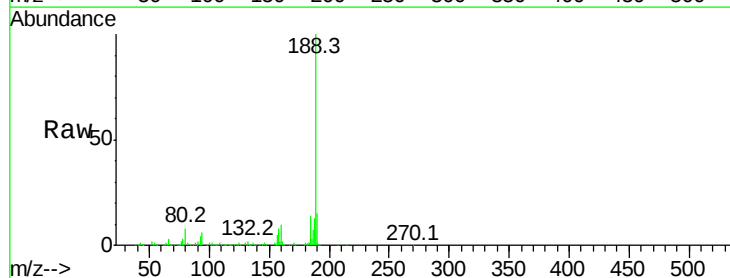
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 16997
 Ion Ratio Lower Upper
 165 100
 63 3.0 42.0 63.0#
 89 4.5 66.9 100.3#
 182 0.0 2.6 3.8#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2405
 Delta R.T. -0.02 min
 Lab File: BG035323.D
 Acq: 22 Jun 2018 7:37

Tgt Ion:188 Resp: 329791
 Ion Ratio Lower Upper
 188 100
 94 6.0 6.9 10.3#
 80 8.4 7.7 11.5

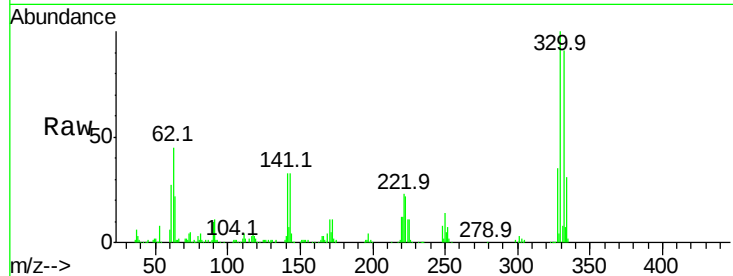




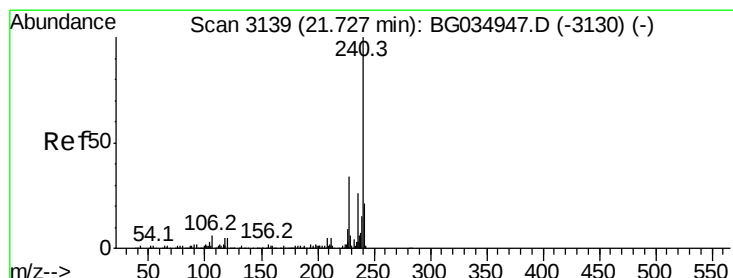
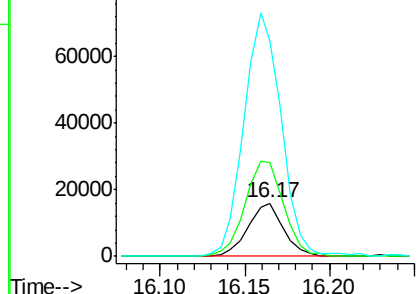
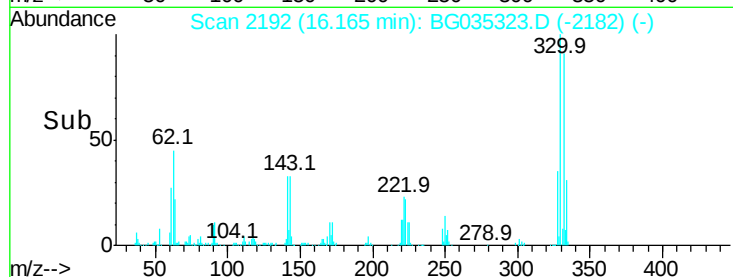
#66
4-Bromophenyl-phenylether
Concen: 5.881 ng
RT: 16.17 min Scan# 2192
Delta R.T. -0.47 min
Lab File: BG035323.D
Acq: 22 Jun 2018 7:37

Instrument :
BNA_G
ClientSampled :

Tot Ion:248 Resp: 23356
Ion Ratio Lower Upper
248 100
250 176.5 77.1 115.7#
141 406.0 50.8 76.2#

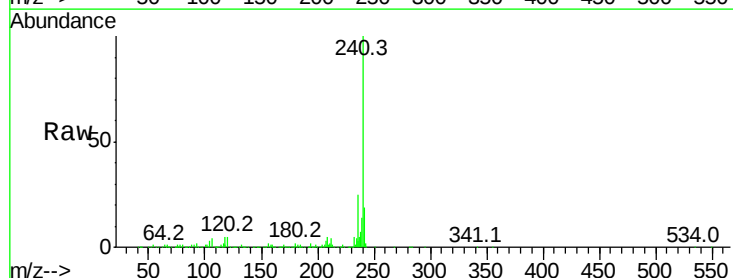


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

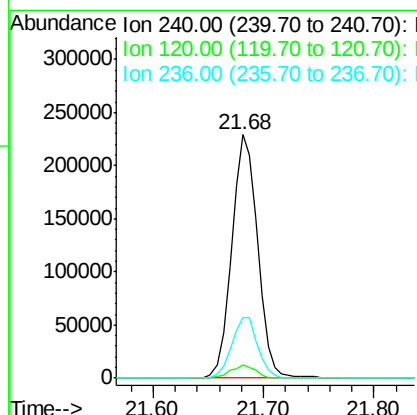
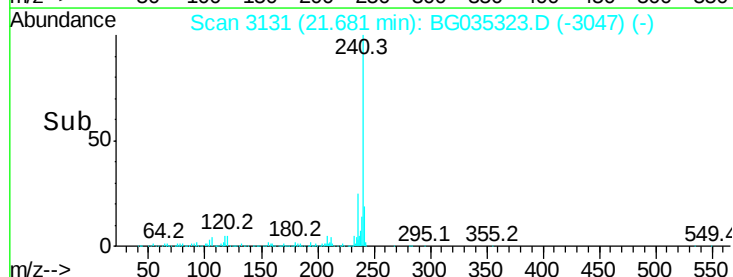


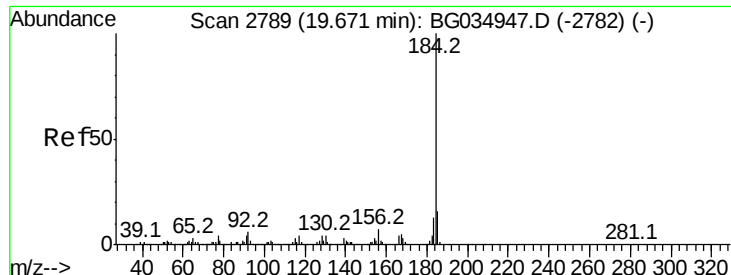
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3131
Delta R.T. -0.04 min
Lab File: BG035323.D
Acq: 22 Jun 2018 7:37

Tgt Ion:240 Resp: 375227
Ion Ratio Lower Upper
240 100
120 5.2 6.8 10.2#
236 25.1 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: 2.268 ng

RT: 20.02 min Scan# 2849

Delta R.T. 0.36 min

Lab File: BG035323.D

Acq: 22 Jun 2018 7:37

Instrument :

BNA_G

ClientSampleId :

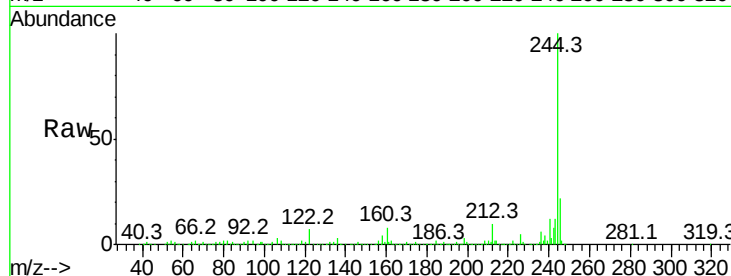
Tot Ion:184 Resp: 31654

Ion Ratio Lower Upper

184 100

185 16.4 11.1 16.7

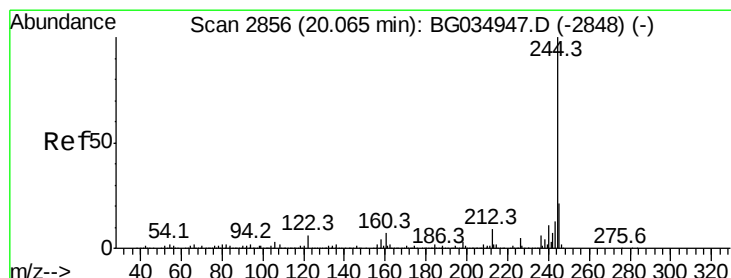
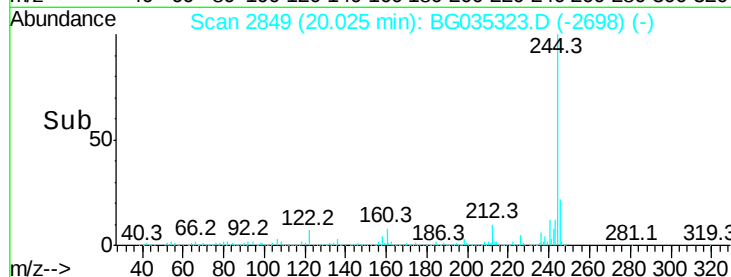
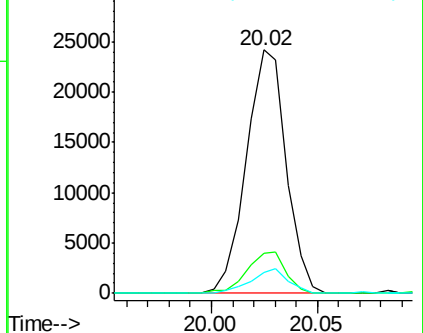
183 8.4 10.6 16.0#



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: 102.261 ng

RT: 20.02 min Scan# 2849

Delta R.T. -0.02 min

Lab File: BG035323.D

Acq: 22 Jun 2018 7:37

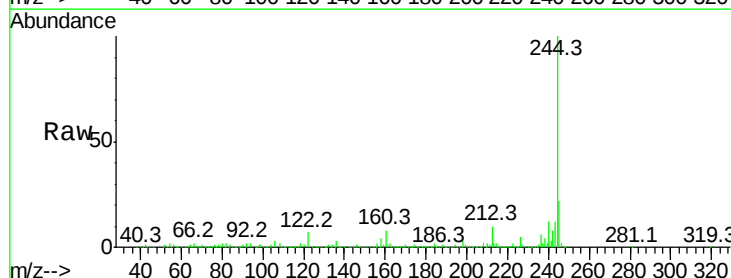
Tgt Ion:244 Resp: 1831848

Ion Ratio Lower Upper

244 100

212 9.7 5.8 8.8#

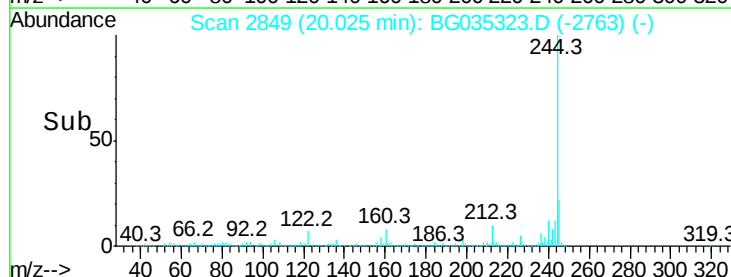
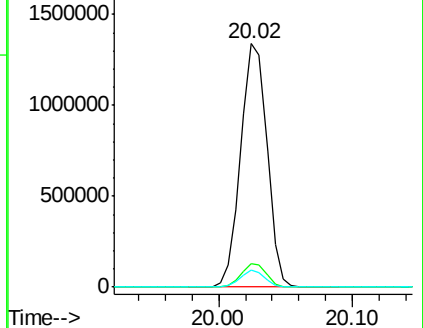
122 6.9 7.0 10.4#

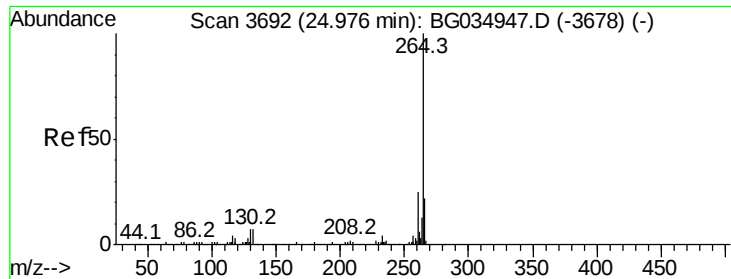


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

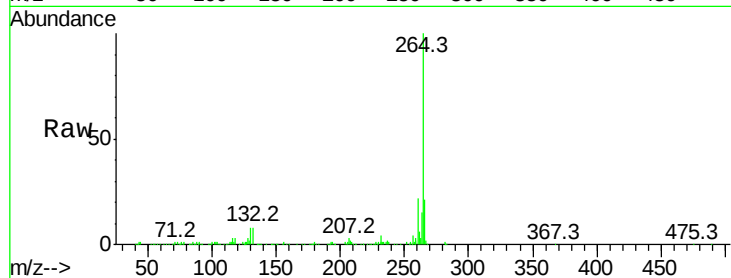




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.91 min Scan# 3680
 Delta R.T. -0.05 min
 Lab File: BG035323.D
 Acq: 22 Jun 2018 7:37

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.0	17.4	26.0
265	20.6	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

