

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062618\
 Data File : BG035423.D
 Acq On : 26 Jun 2018 23:26
 Operator : JU/SJ
 Sample : J3694-06
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 27 02:55:36 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

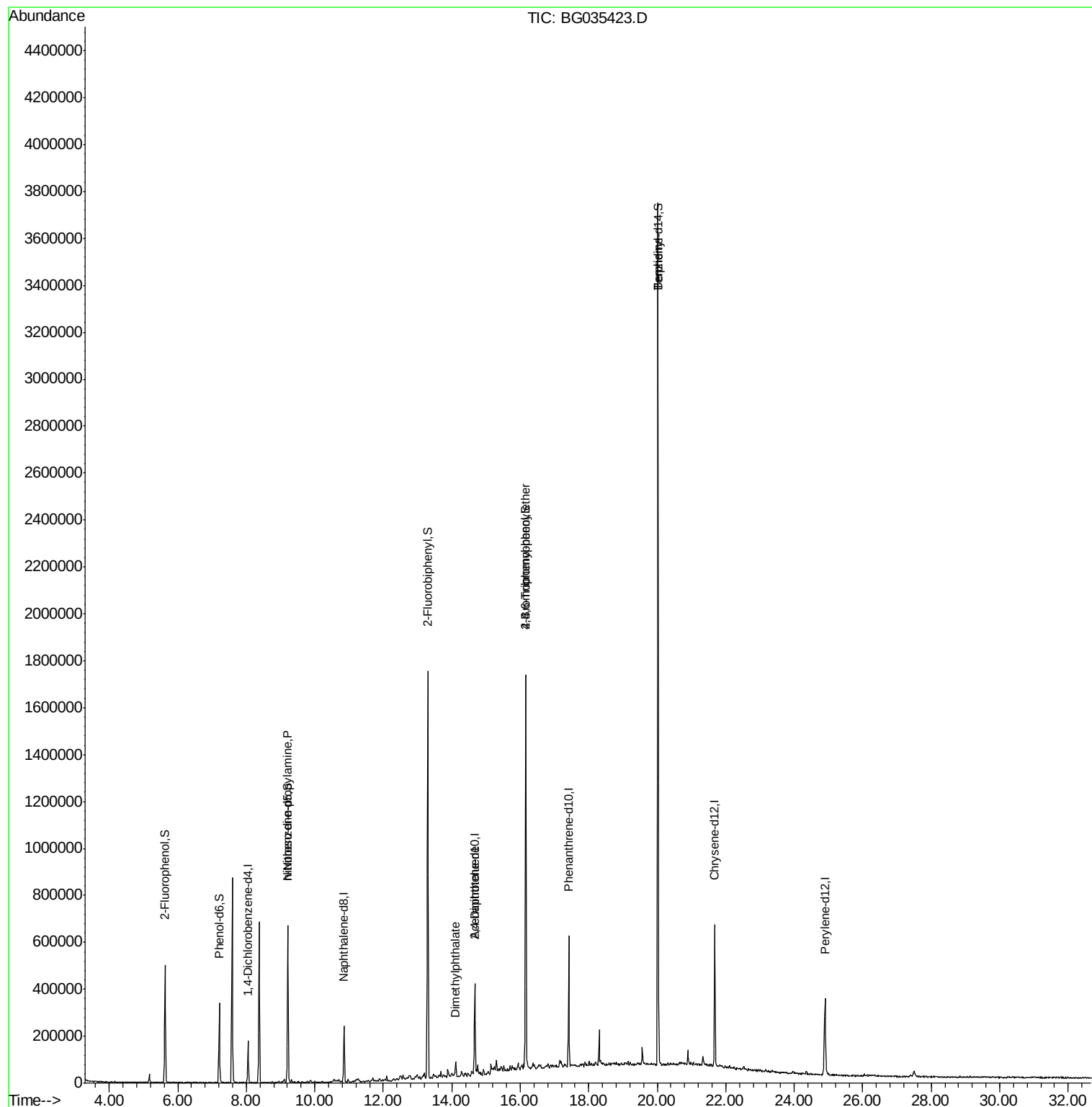
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	49720	20.00	ng	-0.02
21) Naphthalene-d8	10.85	136	188497	20.00	ng	-0.03
38) Acenaphthene-d10	14.67	164	140927	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	347287	20.00	ng	-0.02
75) Chrysene-d12	21.68	240	374629	20.00	ng	-0.04
86) Perylene-d12	24.90	264	368970	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	224818	76.31	ng	-0.02
7) Phenol-d6	7.21	99	213398	49.08	ng	-0.02
23) Nitrobenzene-d5	9.21	82	443448	111.83	ng	-0.02
41) 2,4,6-Tribromophenol	16.16	330	314956	174.58	ng	-0.02
44) 2-Fluorobiphenyl	13.30	172	936221	86.36	ng	-0.03
78) Terphenyl-d14	20.02	244	1721837	96.27	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.21	70	60496	16.376	ng	# 64
49) Dimethylphthalate	14.12	163	39276	3.196	ng	# 98
56) 2,4-Dinitrotoluene	14.67	165	18104	6.079	ng	# 19
66) 4-Bromophenyl-phenylether	16.16	248	24483	5.854	ng	# 1
76) Benzidine	20.02	184	31787	2.281	ng	# 93

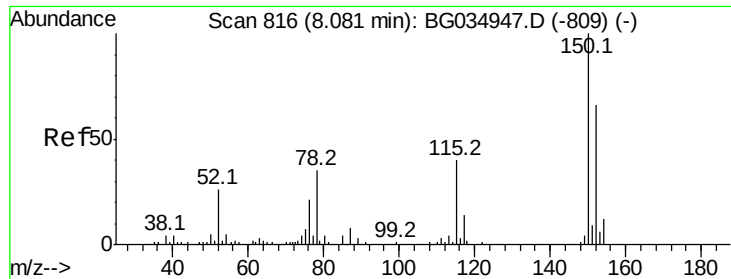
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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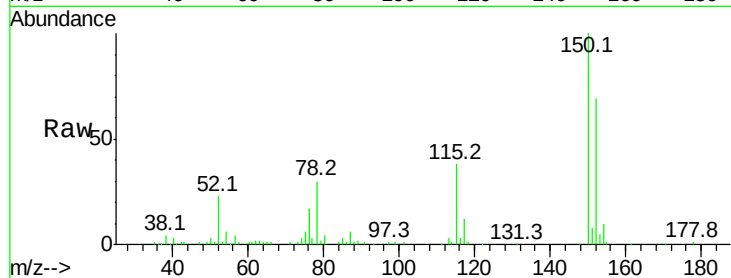


#1

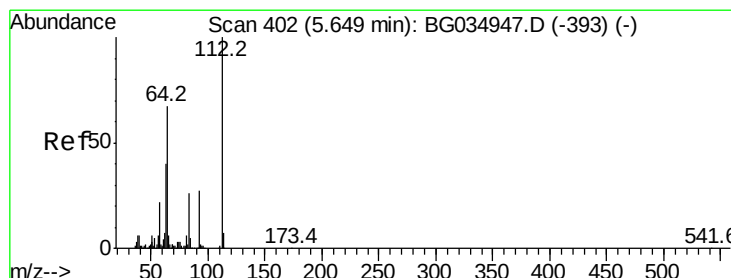
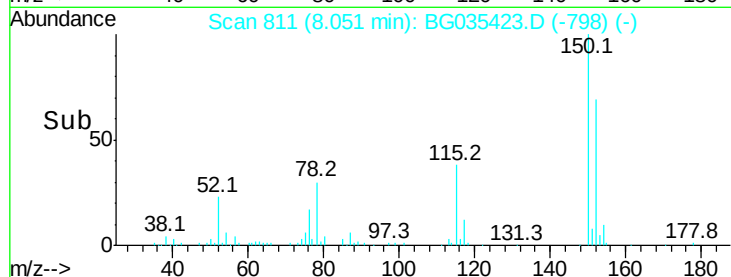
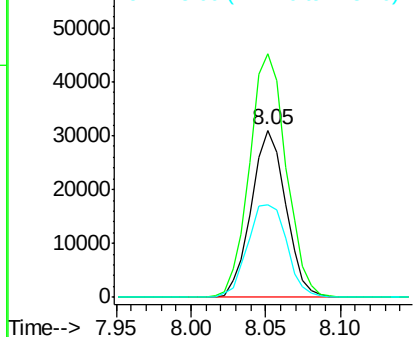
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.02 min
Lab File: BG035423.D
Acq: 26 Jun 2018 23:26

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 49720
Ion Ratio Lower Upper
152 100
150 145.4 126.6 189.8
115 55.4 53.0 79.4



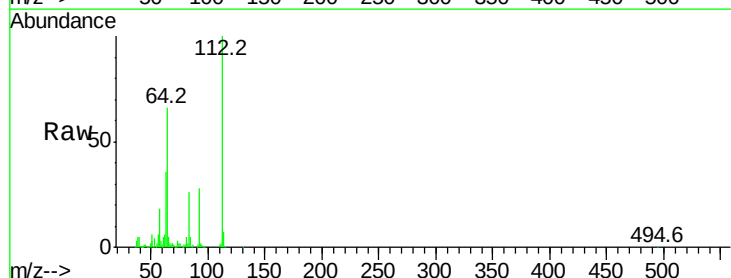
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



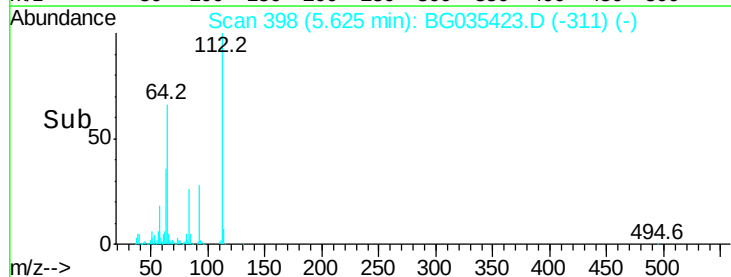
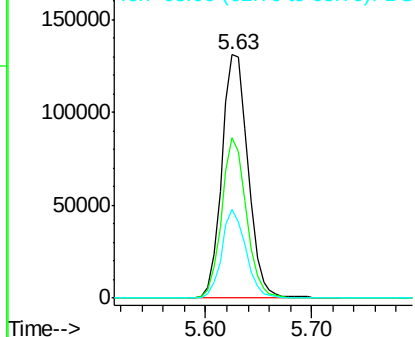
#5

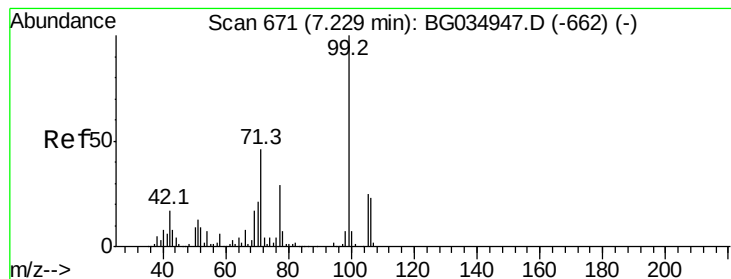
2-Fluorophenol
Concen: 76.308 ng
RT: 5.63 min Scan# 398
Delta R.T. -0.02 min
Lab File: BG035423.D
Acq: 26 Jun 2018 23:26

Tgt Ion:112 Resp: 224818
Ion Ratio Lower Upper
112 100
64 66.0 56.3 84.5
63 36.3 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: 49.075 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.02 min

Lab File: BG035423.D

Acq: 26 Jun 2018 23:26

Instrument :

BNA_G

ClientSampleId :

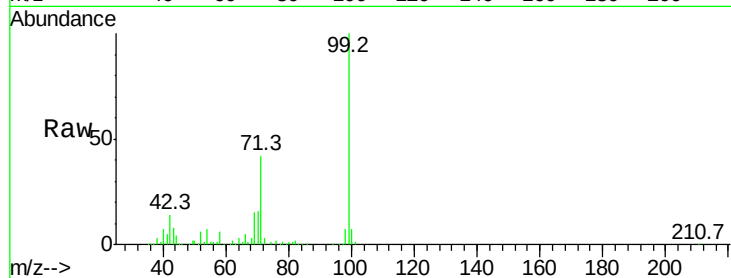
Tot Ion: 99 Resp: 213398

Ion Ratio Lower Upper

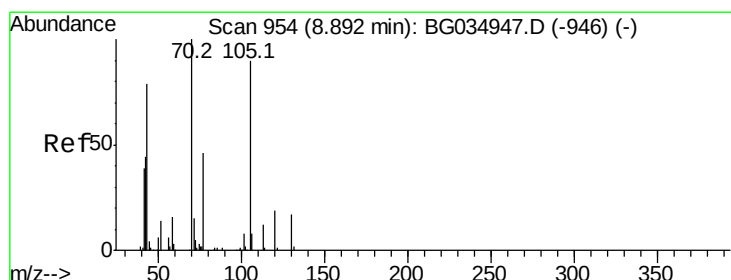
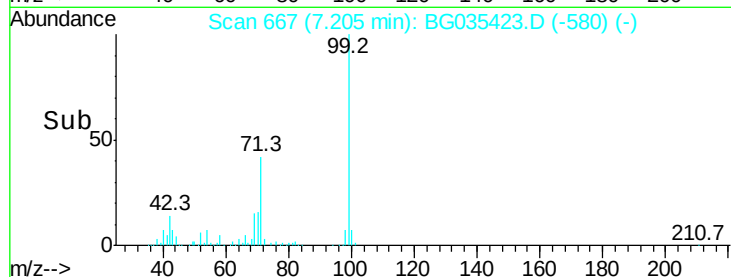
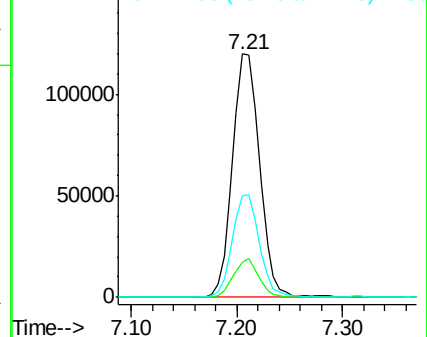
99 100

42 14.3 14.1 21.1

71 41.6 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: 16.376 ng

RT: 9.21 min Scan# 1009

Delta R.T. 0.33 min

Lab File: BG035423.D

Acq: 26 Jun 2018 23:26

Tgt Ion: 70 Resp: 60496

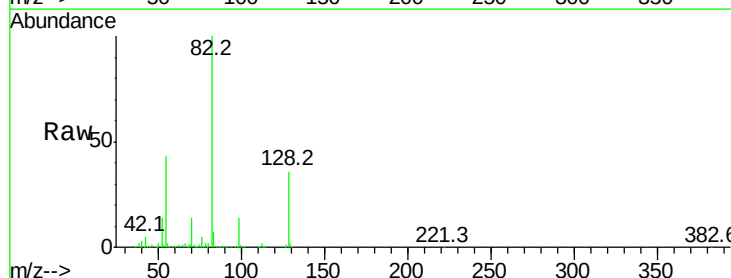
Ion Ratio Lower Upper

70 100

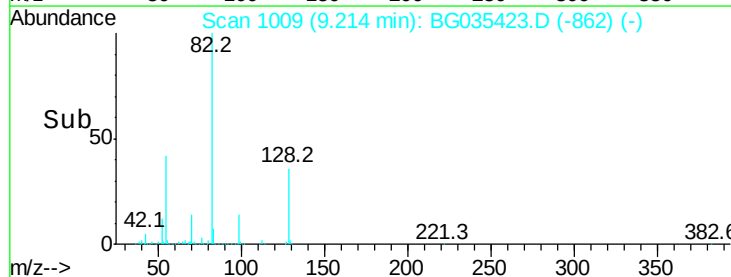
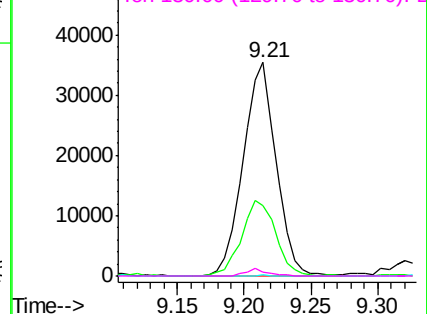
42 33.0 49.1 73.7#

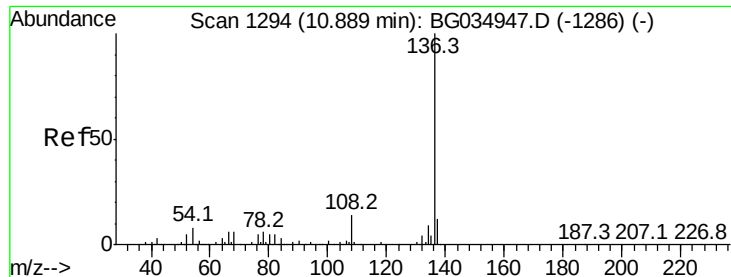
101 0.4 8.5 12.7#

130 1.6 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

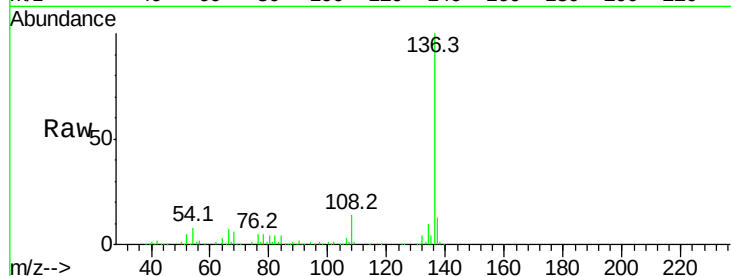




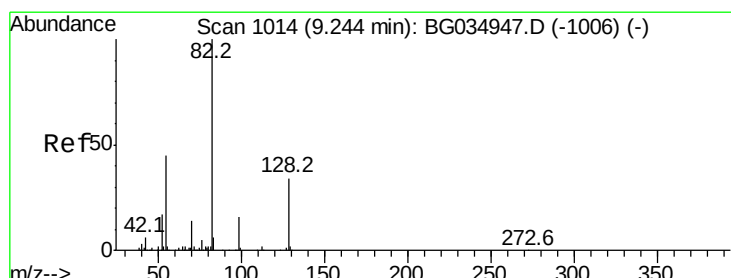
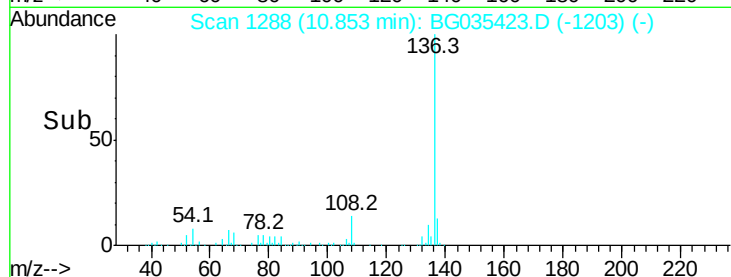
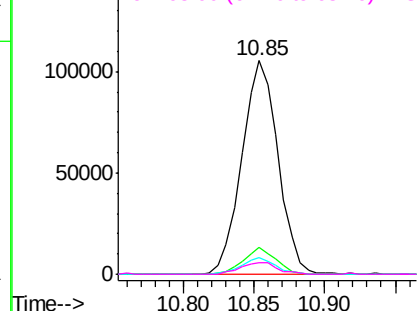
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1288
Delta R.T. -0.03 min
Lab File: BG035423.D
Acq: 26 Jun 2018 23:26

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	188497
Ion	Ratio	Lower	Upper
136	100		
137	12.6	9.2	13.8
54	8.0	10.3	15.5
68	5.6	4.5	6.7

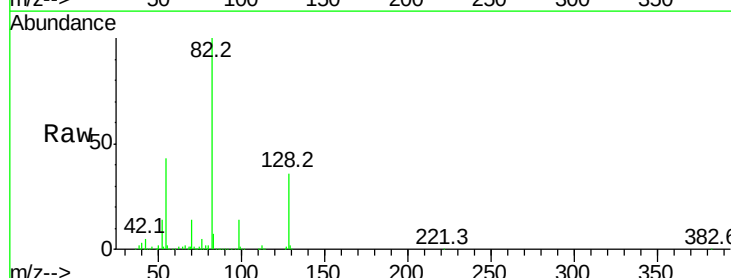


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

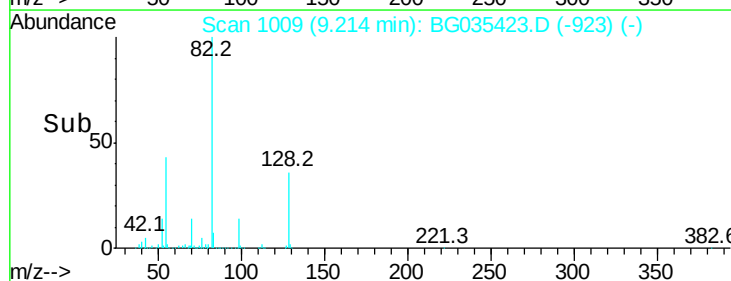
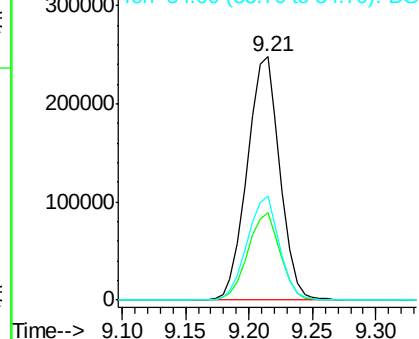


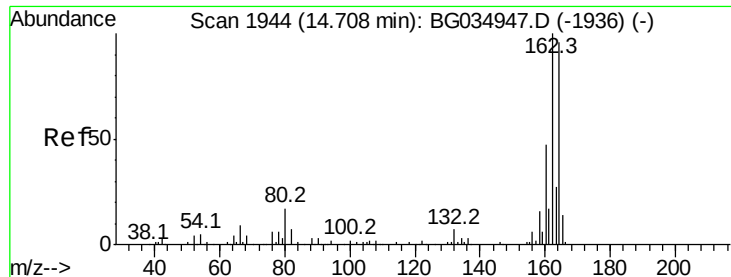
#23
Nitrobenzene-d5
Concen: 111.827 ng
RT: 9.21 min Scan# 1009
Delta R.T. -0.02 min
Lab File: BG035423.D
Acq: 26 Jun 2018 23:26

Tgt Ion:	82	Resp:	443448
Ion	Ratio	Lower	Upper
82	100		
128	35.9	29.7	44.5
54	42.8	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: 14.67 min Scan# 1938

Delta R.T. -0.02 min

Lab File: BG035423.D

Acq: 26 Jun 2018 23:26

Instrument :

BNA_G

ClientSampled :

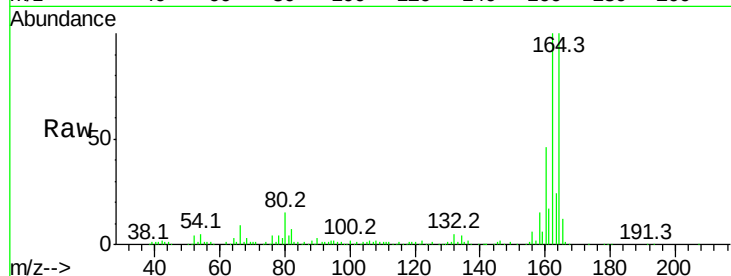
Tot Ion:164 Resp: 140927

Ion Ratio Lower Upper

164 100

162 99.8 78.8 118.2

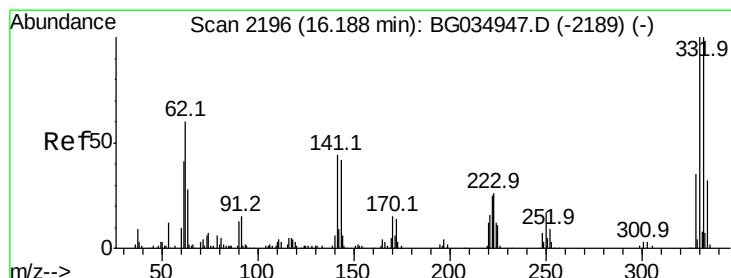
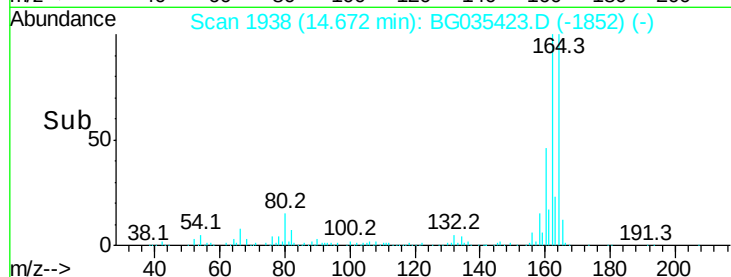
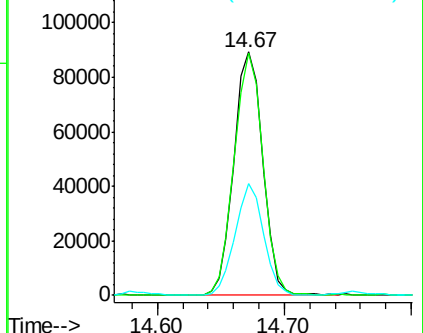
160 46.0 35.4 53.0



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: 174.583 ng

RT: 16.16 min Scan# 2191

Delta R.T. -0.02 min

Lab File: BG035423.D

Acq: 26 Jun 2018 23:26

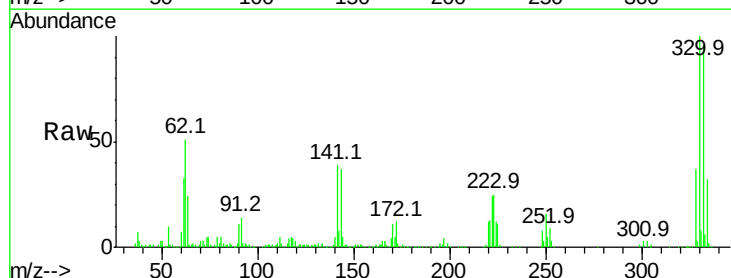
Tgt Ion:330 Resp: 314956

Ion Ratio Lower Upper

330 100

332 93.6 77.0 115.6

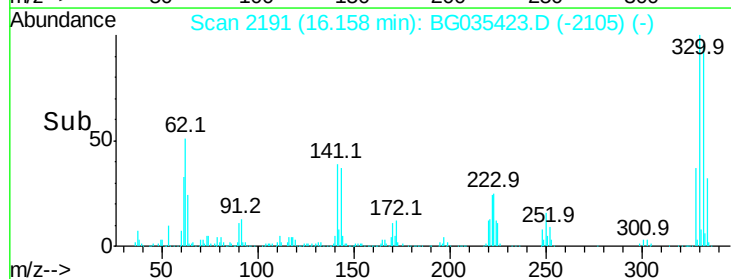
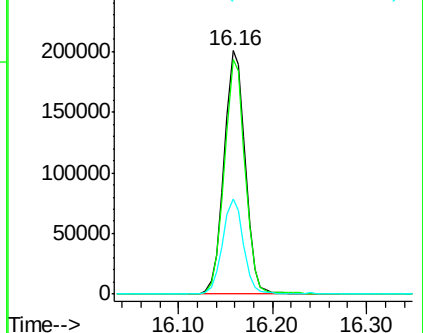
141 38.8 25.2 37.8#

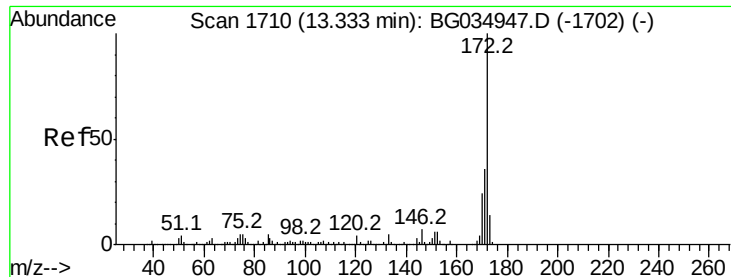


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

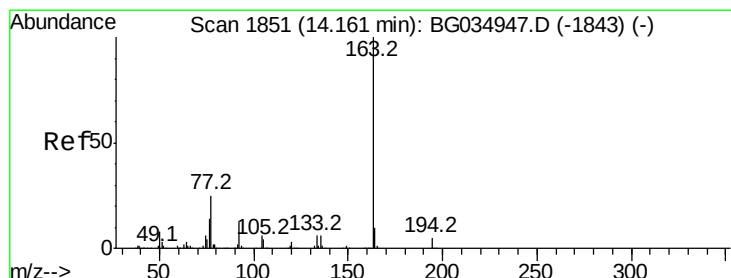
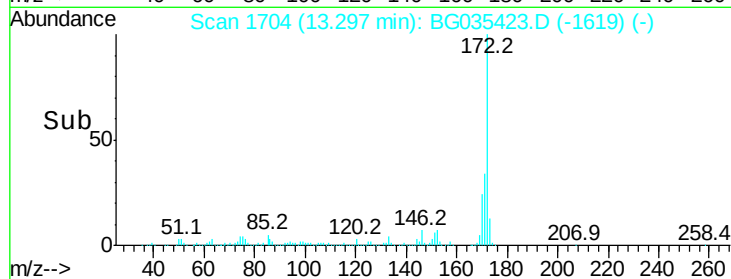
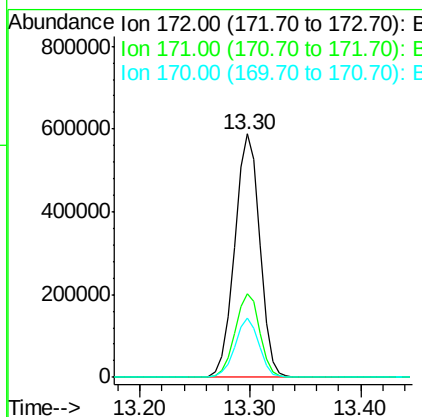
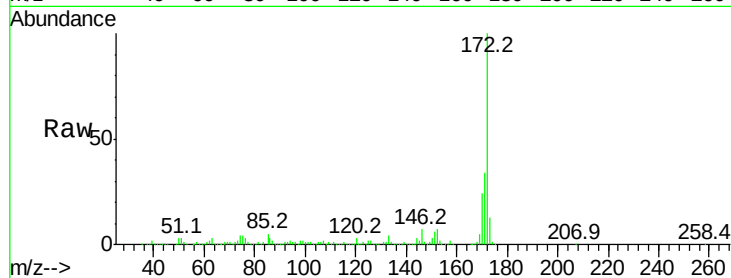




#44
2-Fluorobiphenyl
Concen: 86.363 ng
RT: 13.30 min Scan# 1704
Delta R.T. -0.03 min
Lab File: BG035423.D
Acq: 26 Jun 2018 23:26

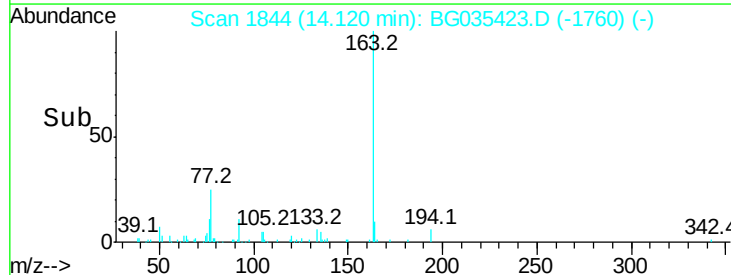
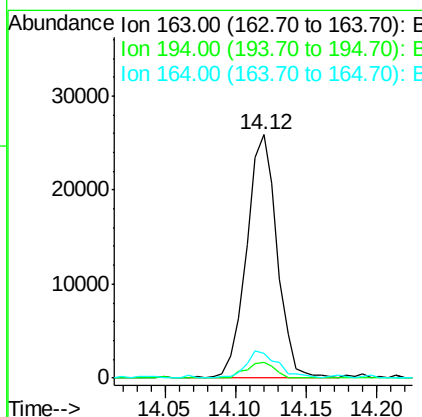
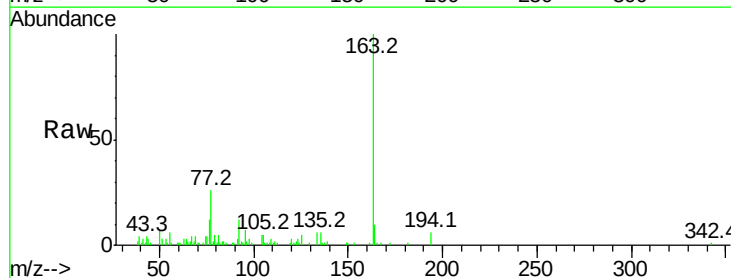
Instrument :
BNA_G
ClientSampleId :

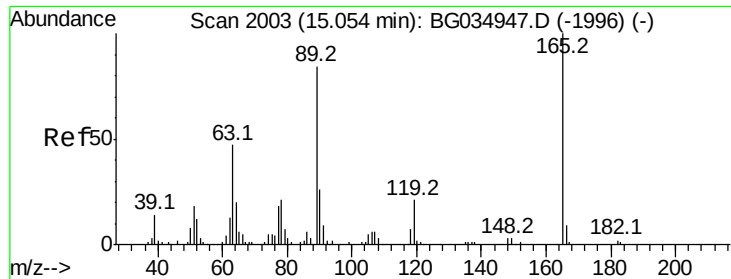
Tot Ion:172 Resp: 936221
Ion Ratio Lower Upper
172 100
171 34.4 30.0 45.0
170 24.1 19.5 29.3



#49
Dimethylphthalate
Concen: 3.196 ng
RT: 14.12 min Scan# 1844
Delta R.T. -0.04 min
Lab File: BG035423.D
Acq: 26 Jun 2018 23:26

Tgt Ion:163 Resp: 39276
Ion Ratio Lower Upper
163 100
194 6.5 3.4 5.2#
164 10.3 8.2 12.4

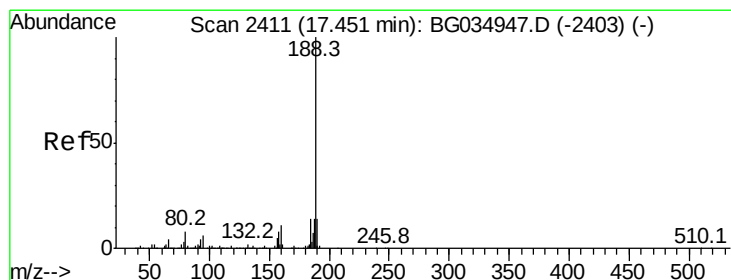
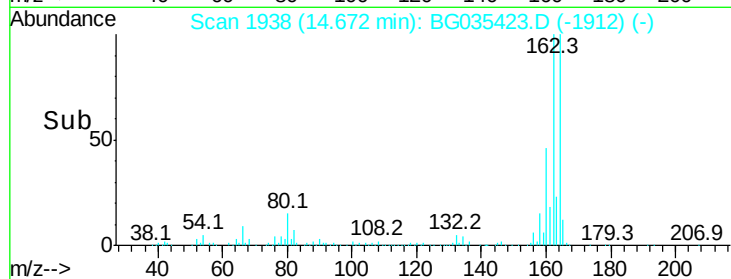
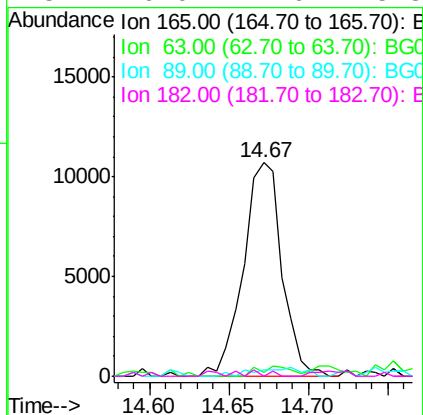
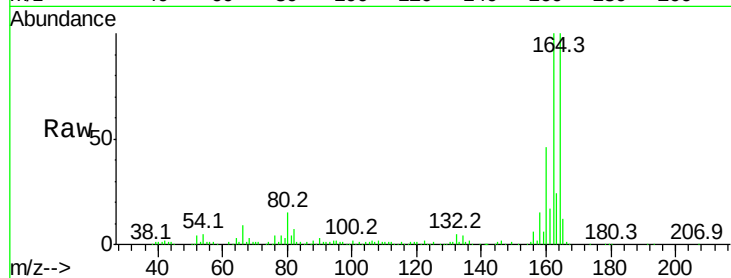




#56
 2,4-Dinitrotoluene
 Concen: 6.079 ng
 RT: 14.67 min Scan# 1938
 Delta R.T. -0.38 min
 Lab File: BG035423.D
 Acq: 26 Jun 2018 23:26

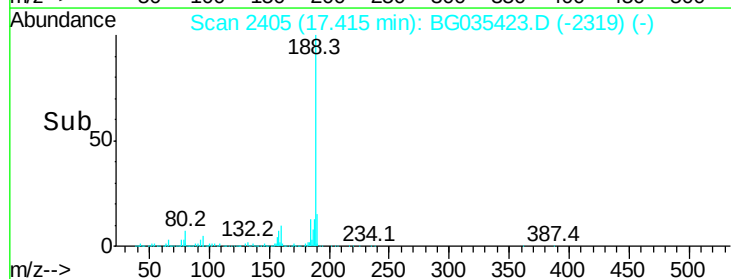
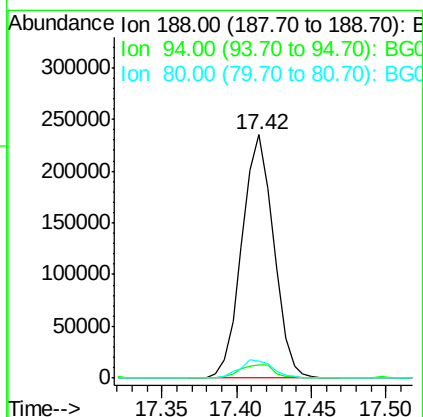
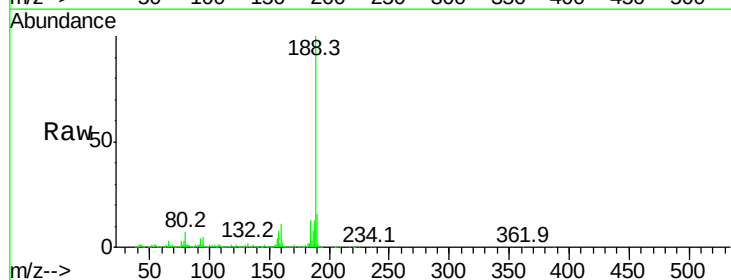
Instrument :
 BNA_G
 ClientSampleId :

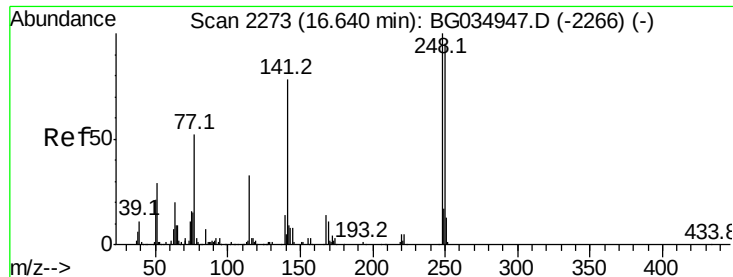
Tot Ion:	165	Resp:	18104
Ion	Ratio	Lower	Upper
165	100		
63	2.0	42.0	63.0#
89	2.7	66.9	100.3#
182	0.0	2.6	3.8#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2405
 Delta R.T. -0.02 min
 Lab File: BG035423.D
 Acq: 26 Jun 2018 23:26

Tgt Ion:	188	Resp:	347287
Ion	Ratio	Lower	Upper
188	100		
94	5.5	6.9	10.3#
80	6.9	7.7	11.5#

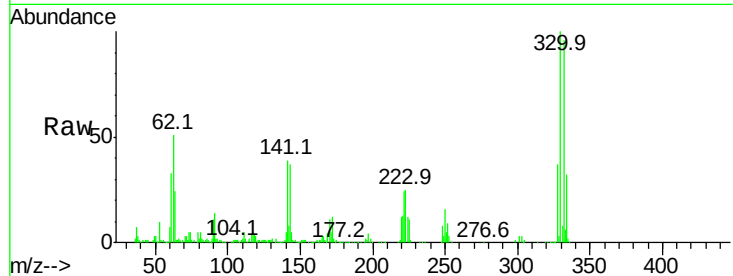




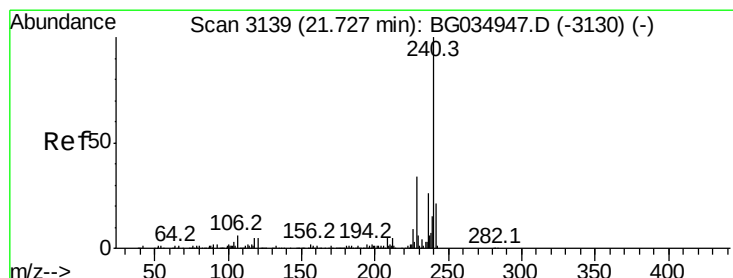
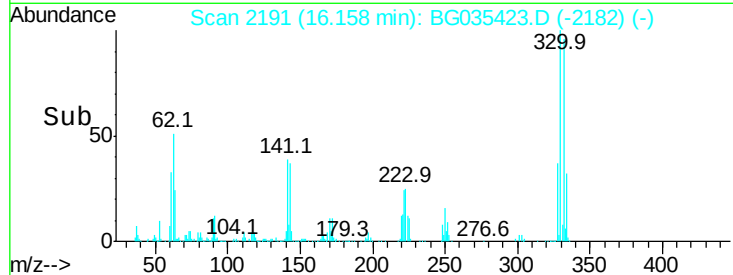
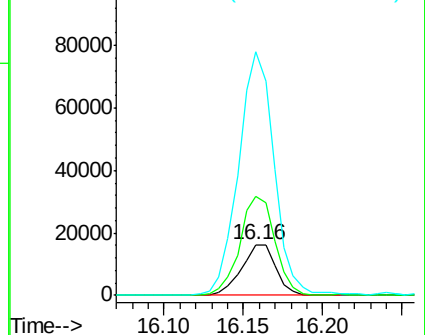
#66
 4-Bromophenyl-phenylether
 Concen: 5.854 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.48 min
 Lab File: BG035423.D
 Acq: 26 Jun 2018 23:26

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 24483
 Ion Ratio Lower Upper
 248 100
 250 197.2 77.1 115.7#
 141 482.6 50.8 76.2#

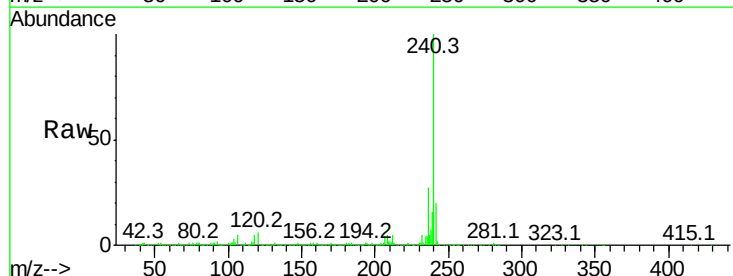


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

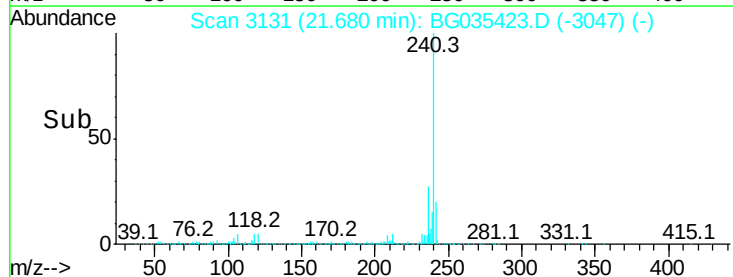
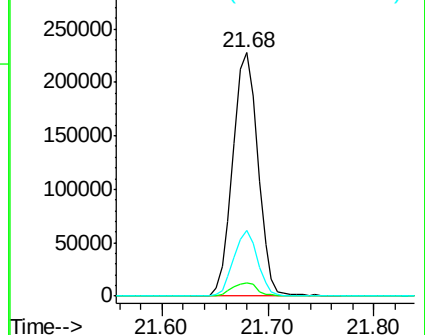


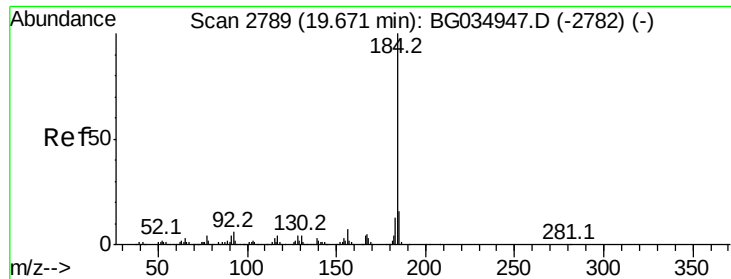
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.68 min Scan# 3131
 Delta R.T. -0.04 min
 Lab File: BG035423.D
 Acq: 26 Jun 2018 23:26

Tgt Ion:240 Resp: 374629
 Ion Ratio Lower Upper
 240 100
 120 5.5 6.8 10.2#
 236 27.0 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: 2.281 ng

RT: 20.02 min Scan# 2849

Delta R.T. 0.36 min

Lab File: BG035423.D

Acq: 26 Jun 2018 23:26

Instrument :

BNA_G

ClientSampleId :

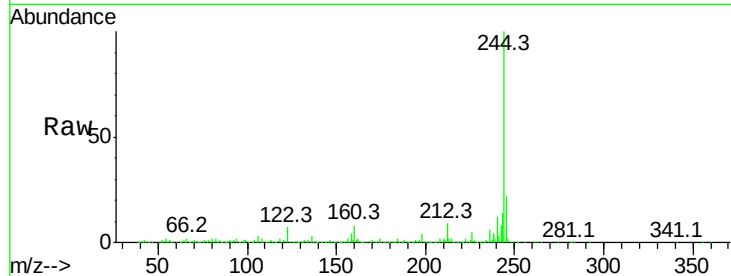
Tot Ion:184 Resp: 31787

Ion Ratio Lower Upper

184 100

185 16.3 11.1 16.7

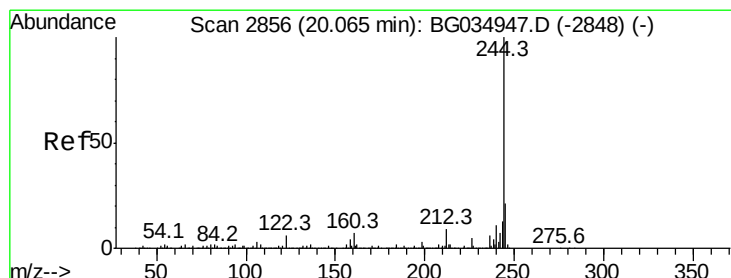
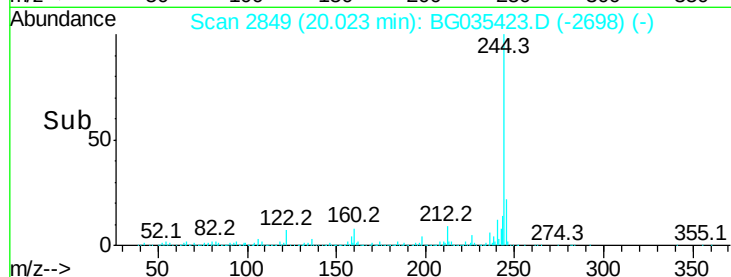
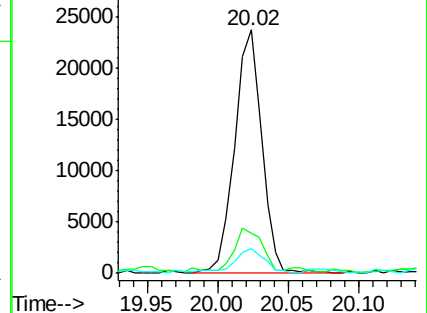
183 10.1 10.6 16.0#



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: 96.274 ng

RT: 20.02 min Scan# 2849

Delta R.T. -0.02 min

Lab File: BG035423.D

Acq: 26 Jun 2018 23:26

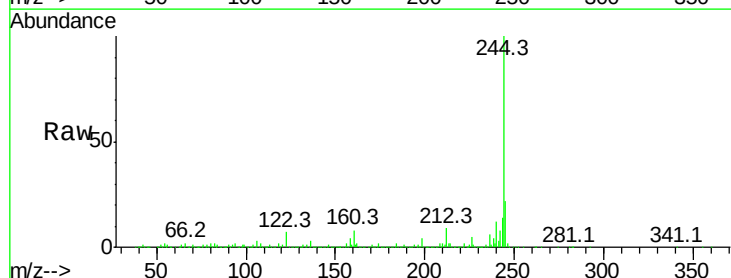
Tgt Ion:244 Resp: 1721837

Ion Ratio Lower Upper

244 100

212 9.4 5.8 8.8#

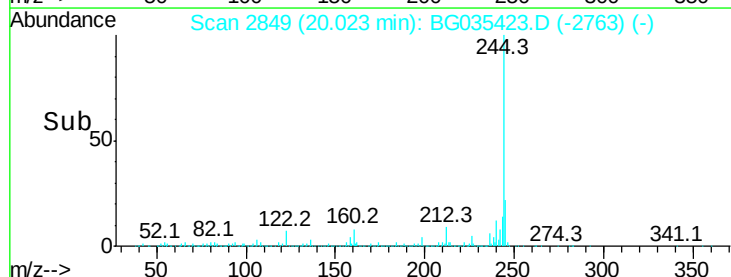
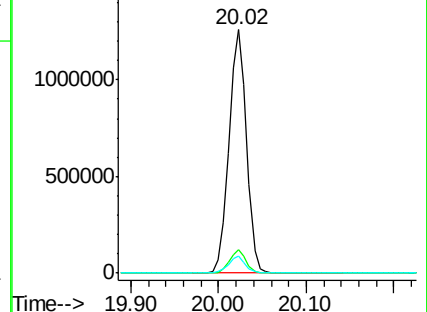
122 7.2 7.0 10.4

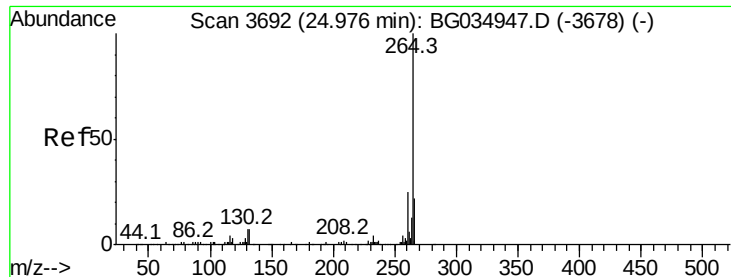


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

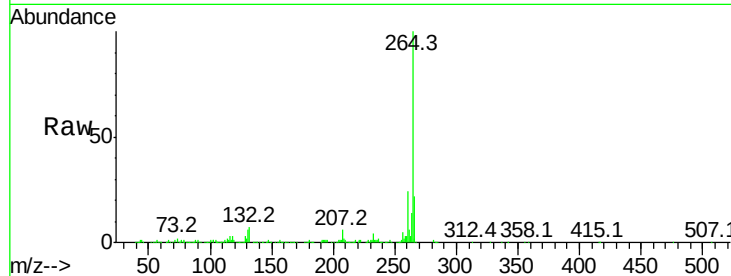




#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.90 min Scan# 3679
Delta R.T. -0.05 min
Lab File: BG035423.D
Acq: 26 Jun 2018 23:26

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	17.4	26.0
265	21.9	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

