

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061418\
 Data File : BG035153.D
 Acq On : 15 Jun 2018 1:00
 Operator : SJ/JU
 Sample : PB110230BL
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 15 03:05:21 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

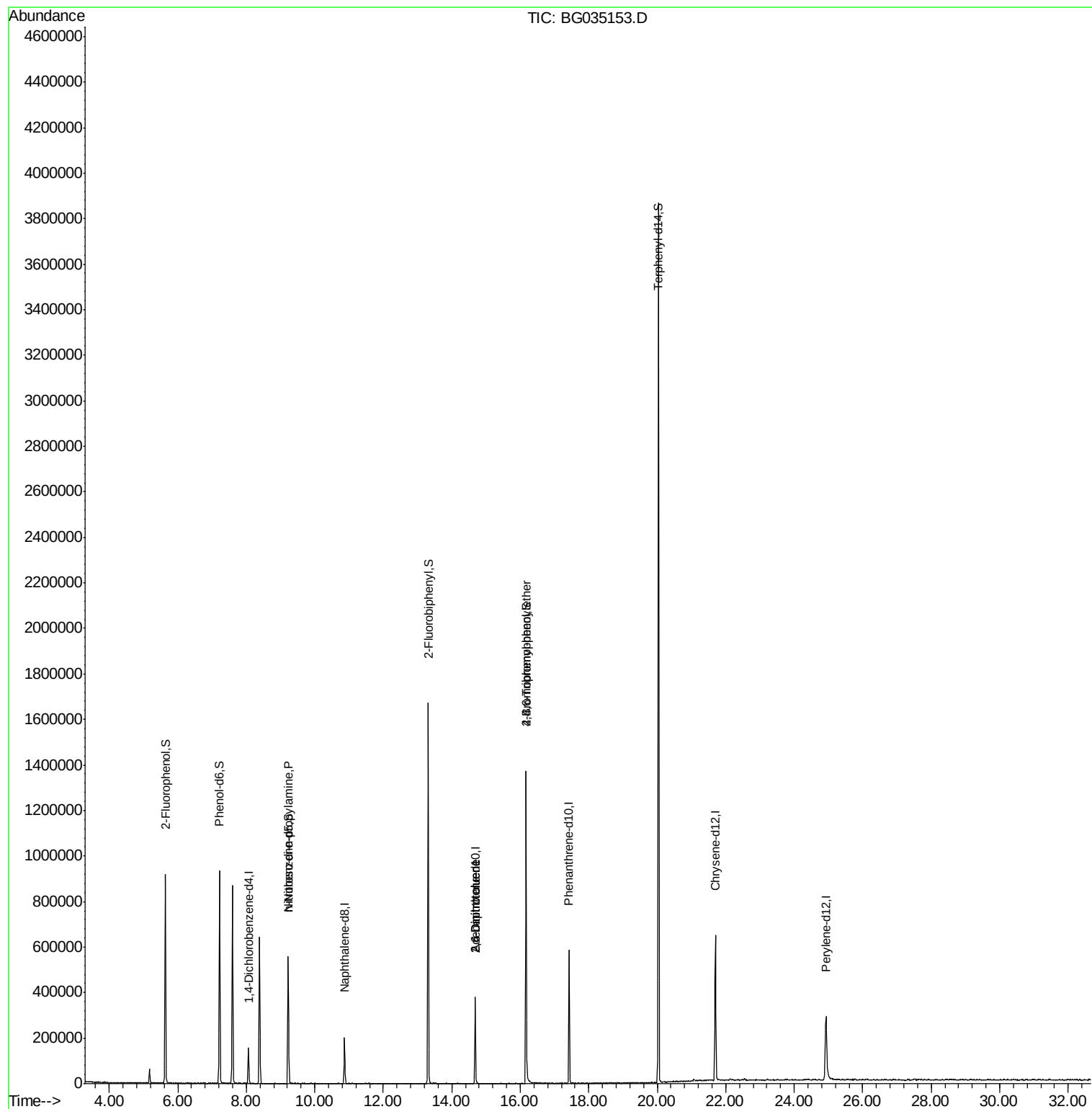
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	43410	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	167920	20.00	ng	-0.01
38) Acenaphthene-d10	14.68	164	126543	20.00	ng	-0.01
63) Phenanthrene-d10	17.43	188	367881	20.00	ng	-0.01
75) Chrysene-d12	21.70	240	419477	20.00	ng	-0.02
86) Perylene-d12	24.93	264	371733	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	386170	150.13	ng	0.00
7) Phenol-d6	7.22	99	575224	151.51	ng	0.00
23) Nitrobenzene-d5	9.23	82	372289	105.39	ng	-0.01
41) 2,4,6-Tribromophenol	16.17	330	263568	162.71	ng	-0.01
44) 2-Fluorobiphenyl	13.31	172	905533	93.03	ng	-0.02
78) Terphenyl-d14	20.04	244	1805833	90.17	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.23	70	51081	15.837	ng	# 69
50) 2,6-Dinitrotoluene	14.68	165	17451	8.669	ng	# 20
56) 2,4-Dinitrotoluene	14.68	165	17451	6.526	ng	# 18
66) 4-Bromophenyl-phenylether	16.17	248	20488	4.625	ng	# 1

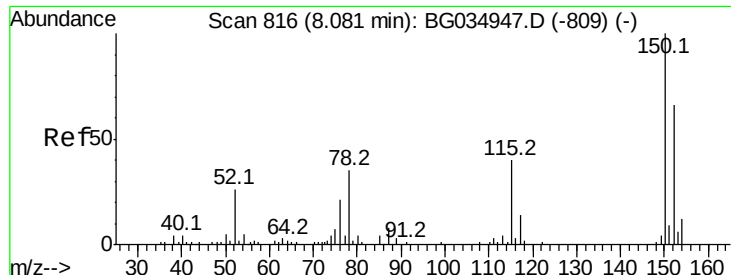
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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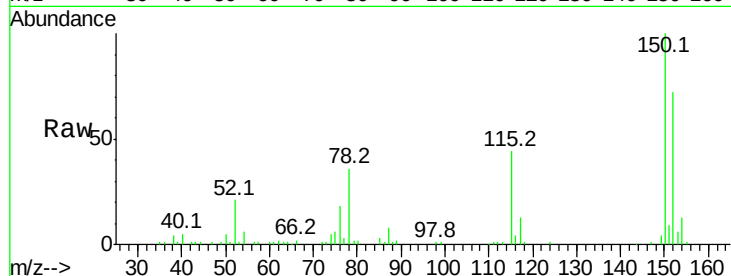


#1

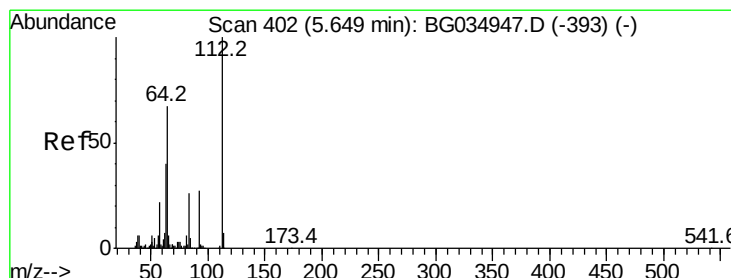
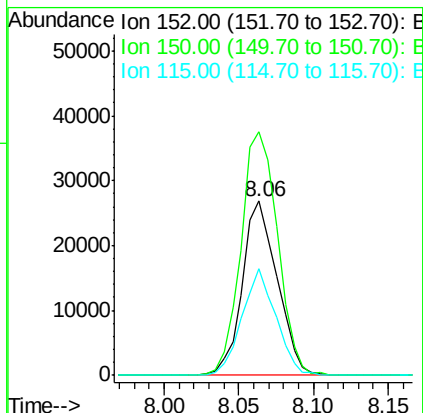
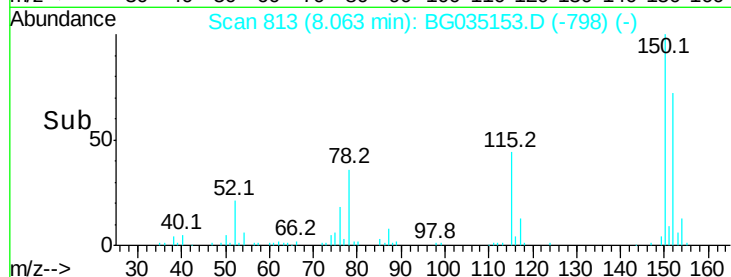
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG035153.D
Acq: 15 Jun 2018 1:00

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 43410
Ion Ratio Lower Upper
152 100
150 139.6 126.6 189.8
115 61.0 53.0 79.4



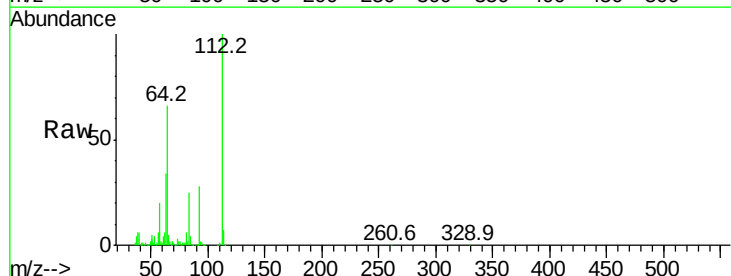
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



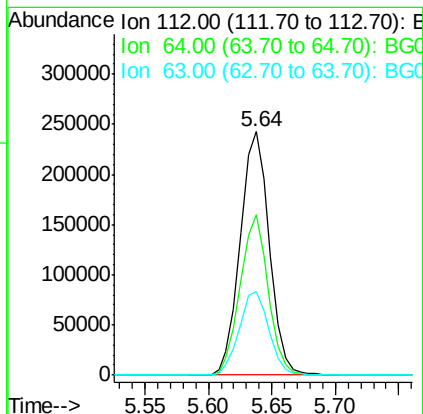
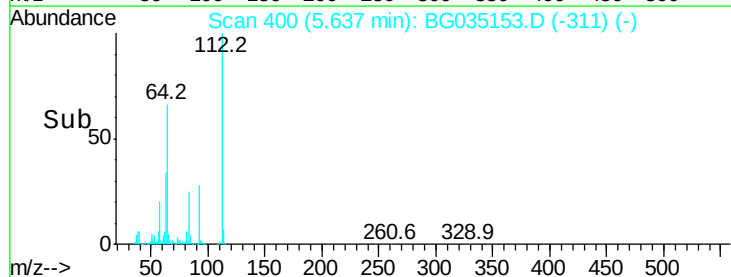
#5

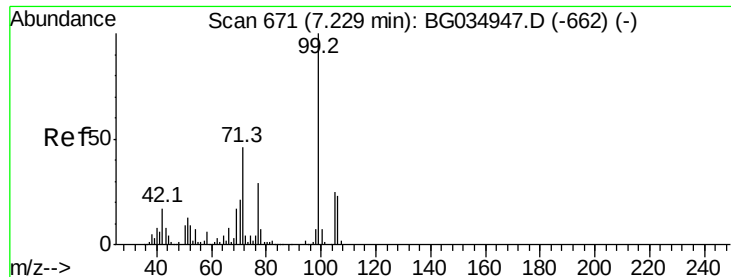
2-Fluorophenol
Concen: 150.127 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG035153.D
Acq: 15 Jun 2018 1:00

Tgt Ion:112 Resp: 386170
Ion Ratio Lower Upper
112 100
64 65.9 56.3 84.5
63 34.5 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: 151.513 ng

RT: 7.22 min Scan# 670

Delta R.T. -0.00 min

Lab File: BG035153.D

Acq: 15 Jun 2018 1:00

Instrument :

BNA_G

ClientSampleId :

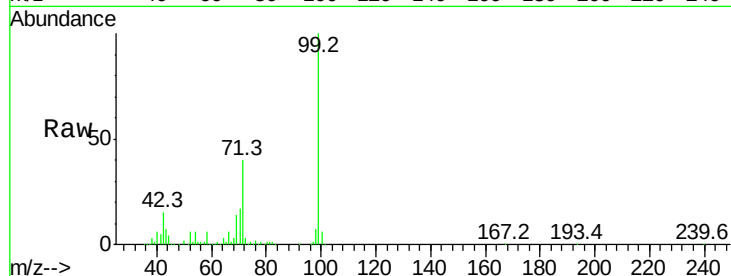
Tot Ion: 99 Resp: 575224

Ion Ratio Lower Upper

99 100

42 15.0 14.1 21.1

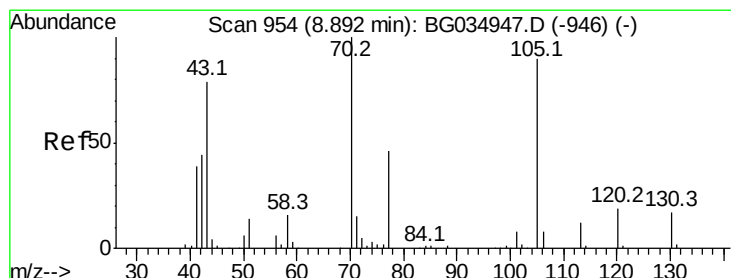
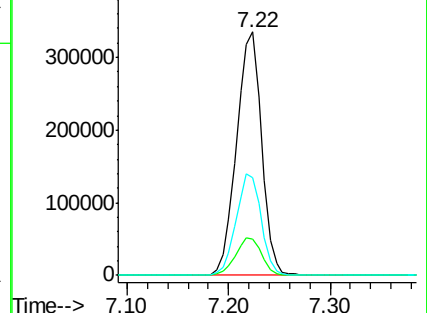
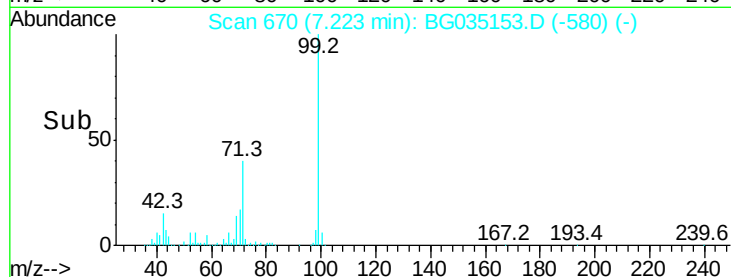
71 40.4 26.1 39.1#



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: 15.837 ng

RT: 9.23 min Scan# 1011

Delta R.T. 0.35 min

Lab File: BG035153.D

Acq: 15 Jun 2018 1:00

Tgt Ion: 70 Resp: 51081

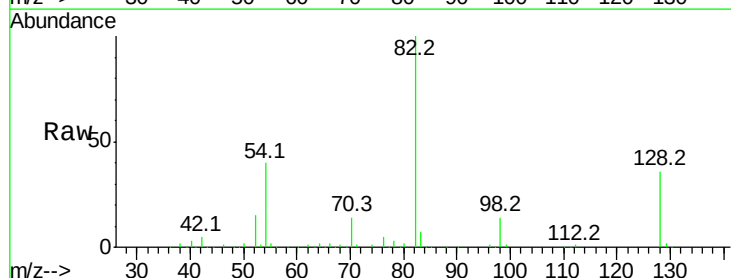
Ion Ratio Lower Upper

70 100

42 37.5 49.1 73.7#

101 0.0 8.5 12.7#

130 2.0 13.4 20.0#

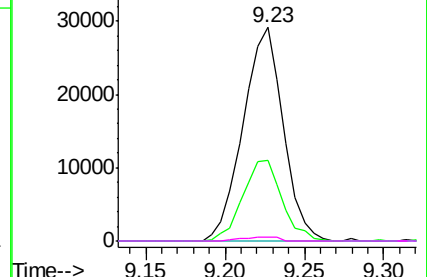
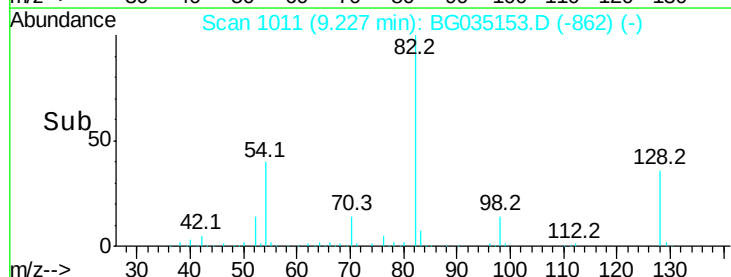


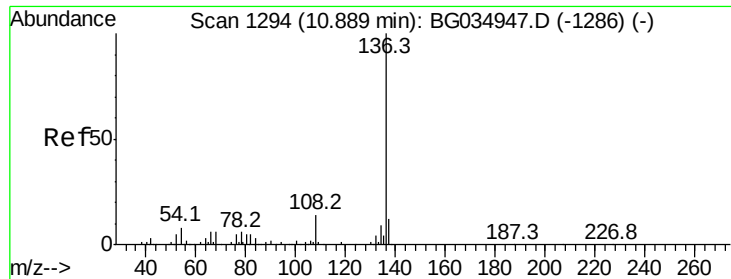
Abundance Ion 70.00 (69.70 to 70.70): BGC

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

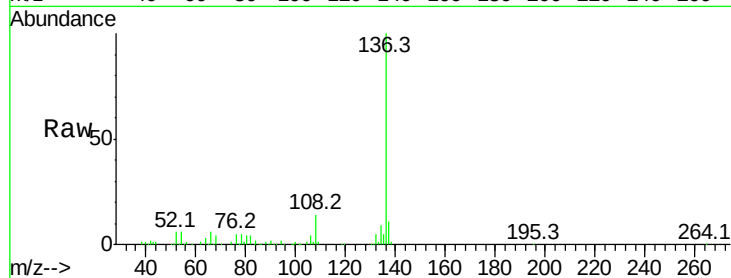




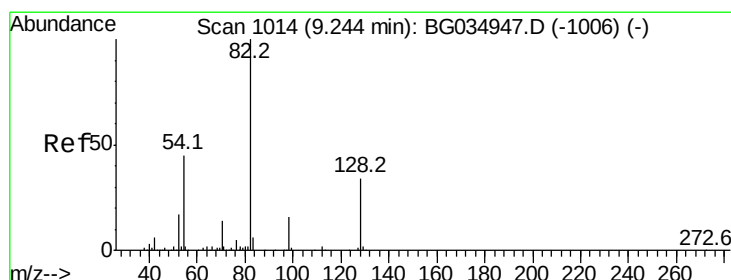
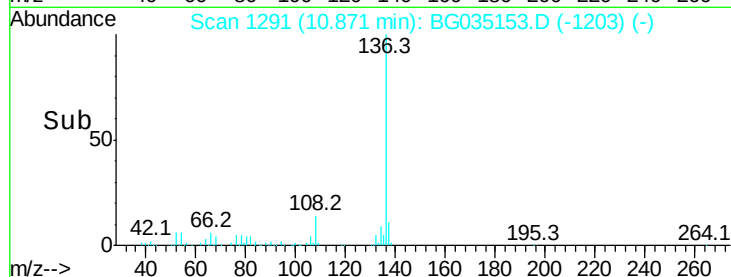
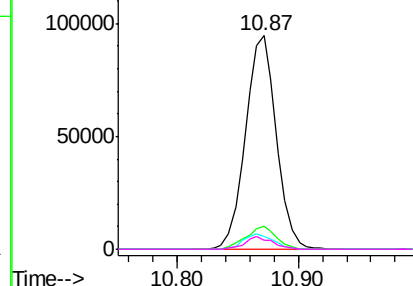
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1291
Delta R.T. -0.01 min
Lab File: BG035153.D
Acq: 15 Jun 2018 1:00

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	167920
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.2	13.8
54	6.3	10.3	15.5#
68	4.3	4.5	6.7#

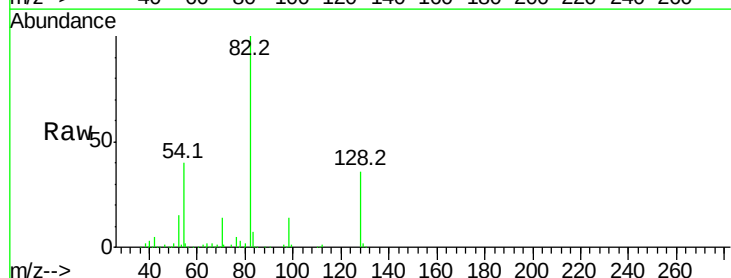


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

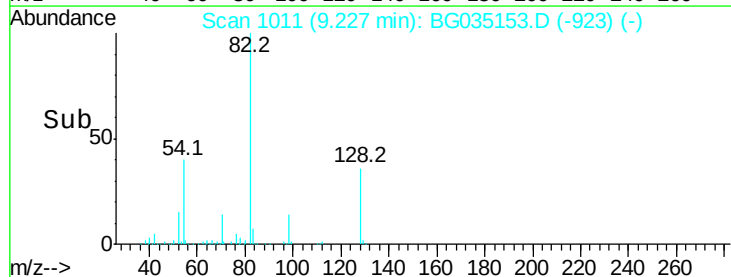
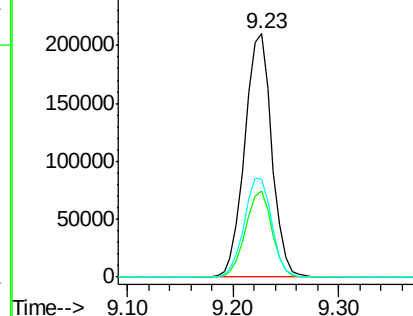


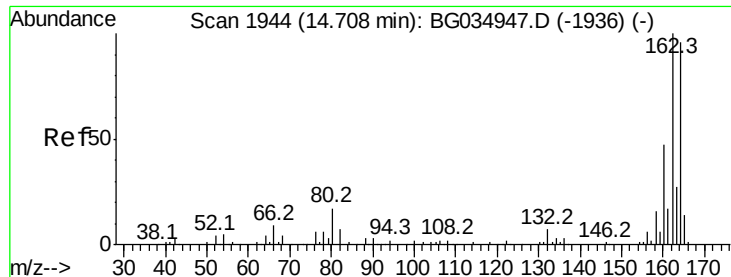
#23
Nitrobenzene-d5
Concen: 105.387 ng
RT: 9.23 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BG035153.D
Acq: 15 Jun 2018 1:00

Tgt Ion:	82	Resp:	372289
Ion	Ratio	Lower	Upper
82	100		
128	35.7	29.7	44.5
54	40.1	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

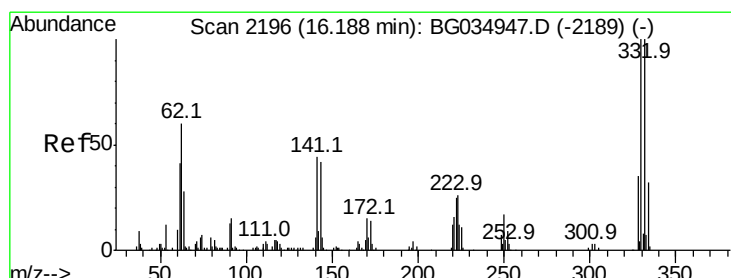
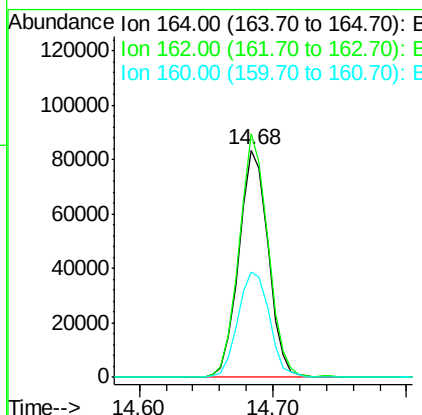
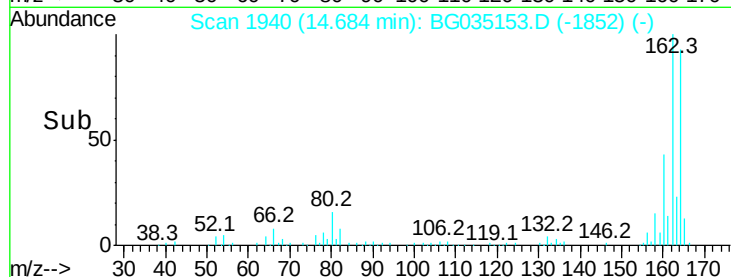
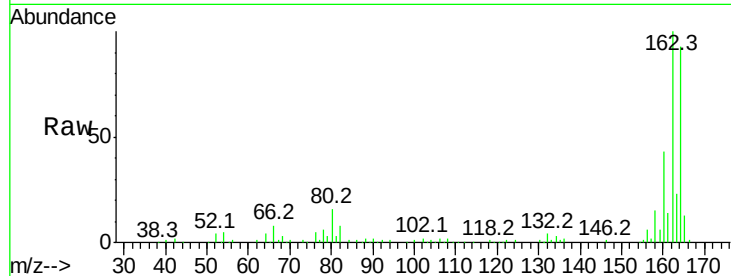




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1940
 Delta R.T. -0.01 min
 Lab File: BG035153.D
 Acq: 15 Jun 2018 1:00

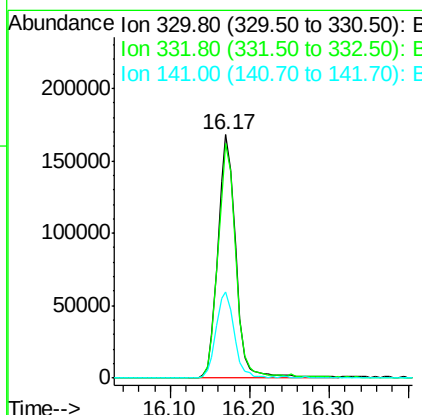
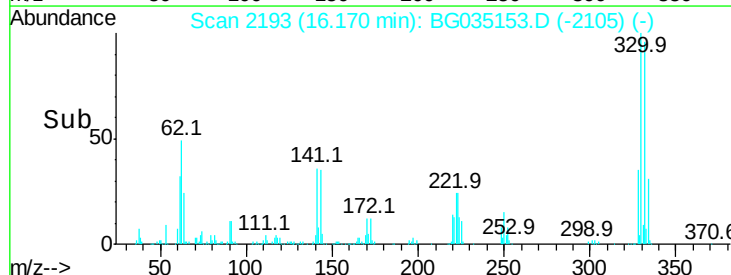
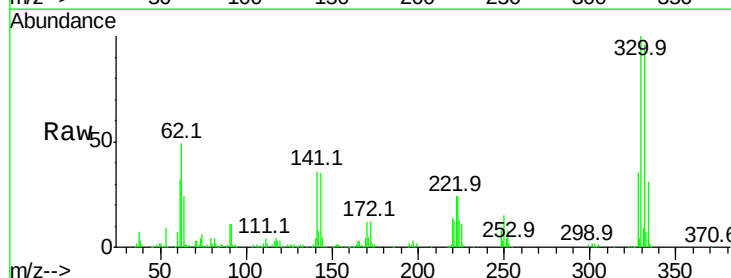
Instrument :
 BNA_G
 ClientSampleId :

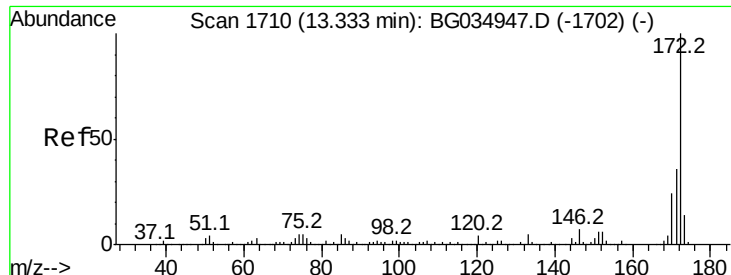
Tot Ion:164 Resp: 126543
 Ion Ratio Lower Upper
 164 100
 162 107.0 78.8 118.2
 160 46.1 35.4 53.0



#41
 2,4,6-Tribromophenol
 Concen: 162.705 ng
 RT: 16.17 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BG035153.D
 Acq: 15 Jun 2018 1:00

Tgt Ion:330 Resp: 263568
 Ion Ratio Lower Upper
 330 100
 332 95.0 77.0 115.6
 141 36.6 25.2 37.8

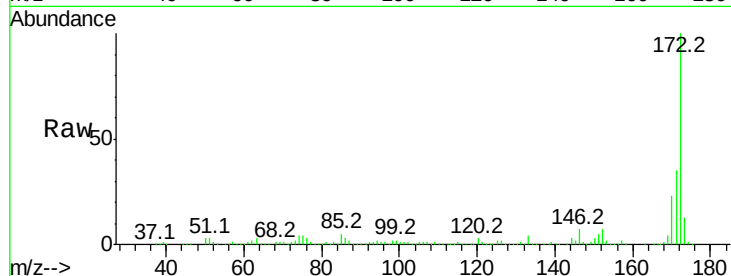




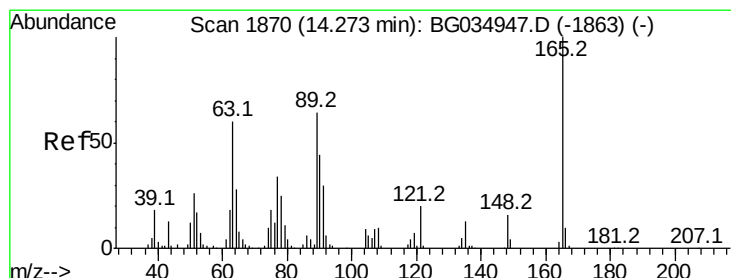
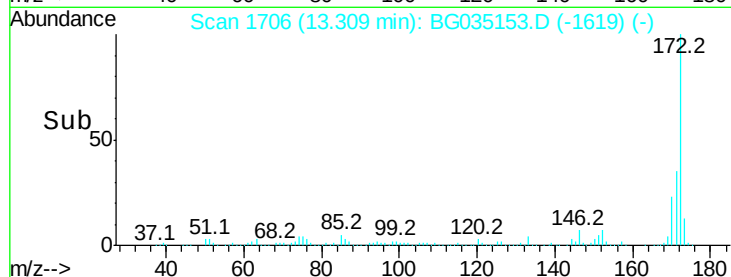
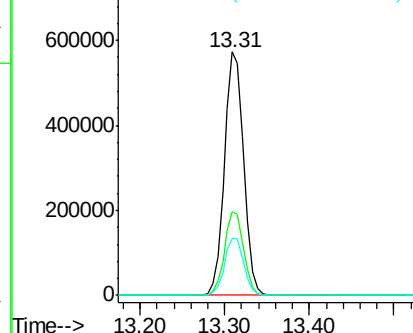
#44
 2-Fluorobiphenyl
 Concen: 93.027 ng
 RT: 13.31 min Scan# 1706
 Delta R.T. -0.02 min
 Lab File: BG035153.D
 Acq: 15 Jun 2018 1:00

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.5	30.0	45.0
170	23.2	19.5	29.3

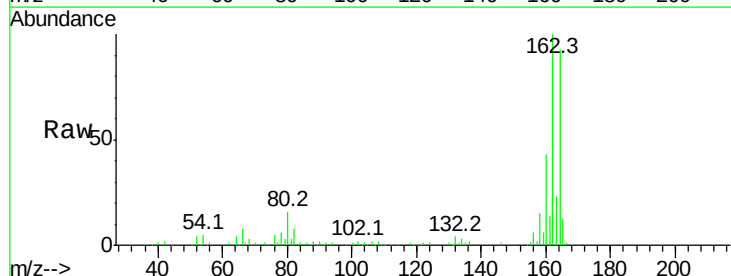


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

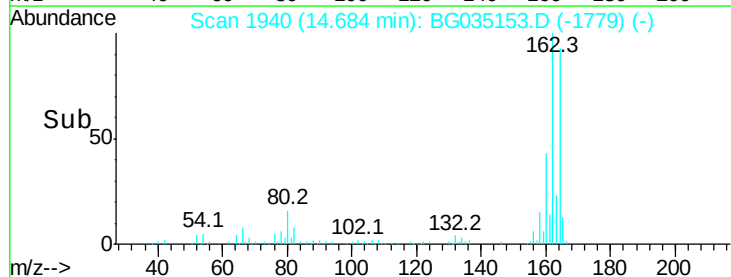
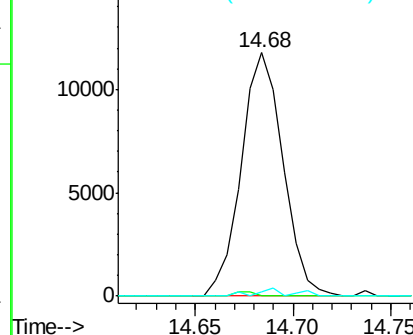


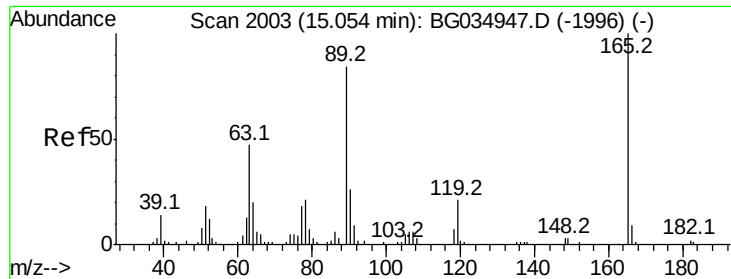
#50
 2,6-Dinitrotoluene
 Concen: 8.669 ng
 RT: 14.68 min Scan# 1940
 Delta R.T. 0.42 min
 Lab File: BG035153.D
 Acq: 15 Jun 2018 1:00

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.7	79.1#
89	1.9	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

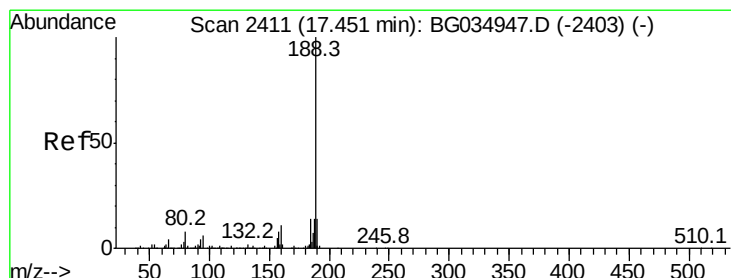
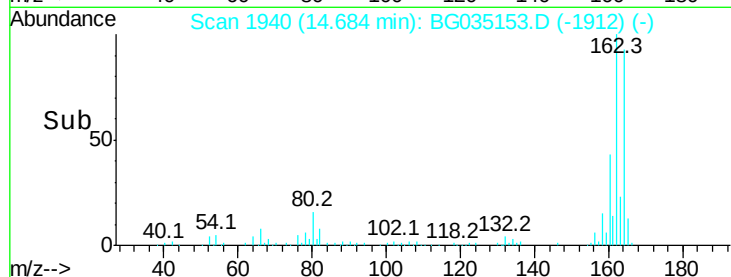
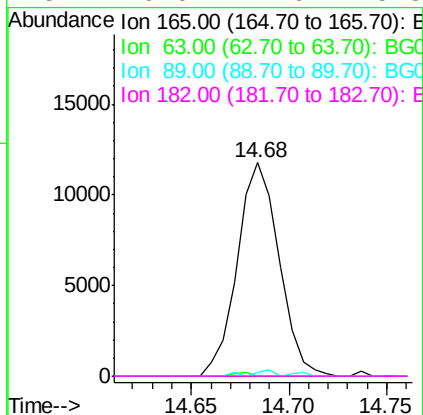
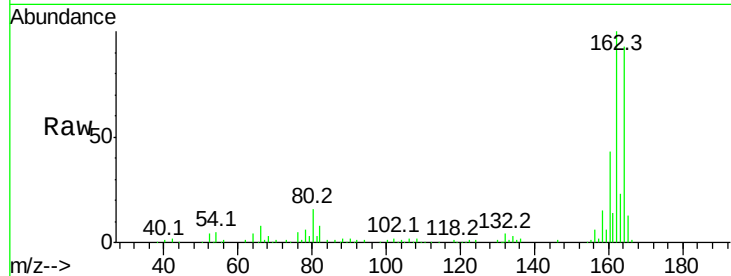




#56
 2,4-Dinitrotoluene
 Concen: 6.526 ng
 RT: 14.68 min Scan# 1940
 Delta R.T. -0.37 min
 Lab File: BG035153.D
 Acq: 15 Jun 2018 1:00

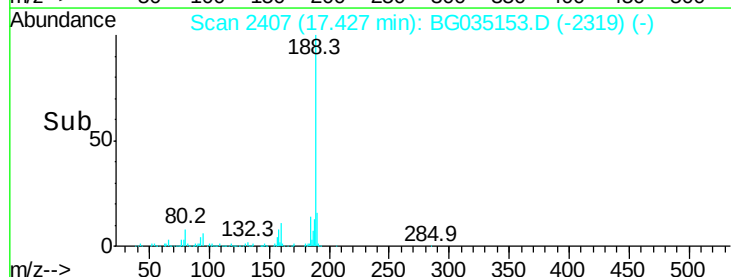
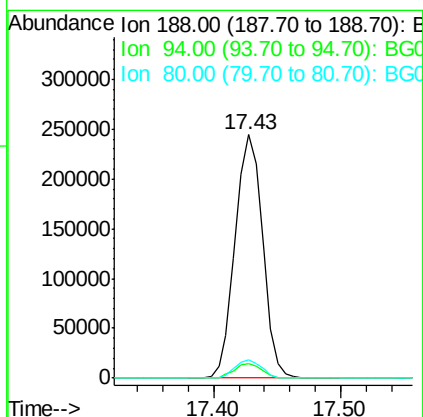
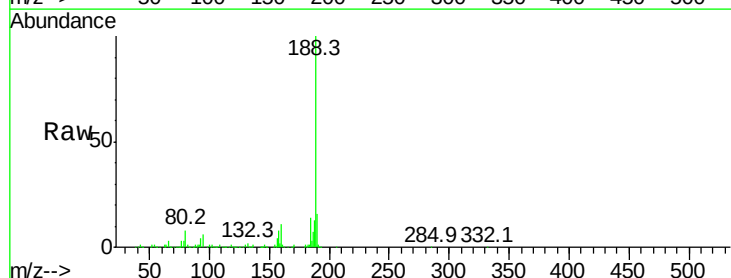
Instrument :
 BNA_G
 ClientSampleId :

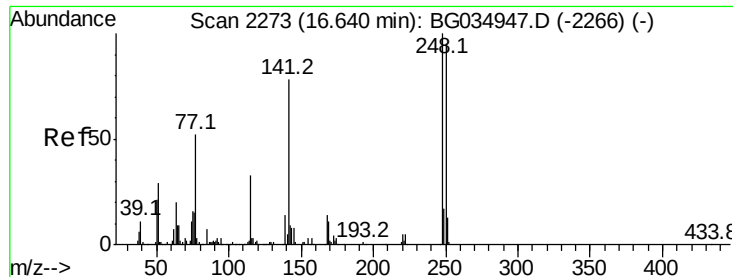
Tot Ion:	165	Resp:	17451
Ion	Ratio	Lower	Upper
165	100		
63	0.0	42.0	63.0#
89	1.9	66.9	100.3#
182	0.0	2.6	3.8#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.43 min Scan# 2407
 Delta R.T. -0.01 min
 Lab File: BG035153.D
 Acq: 15 Jun 2018 1:00

Tgt Ion:	188	Resp:	367881
Ion	Ratio	Lower	Upper
188	100		
94	6.0	6.9	10.3#
80	7.6	7.7	11.5#

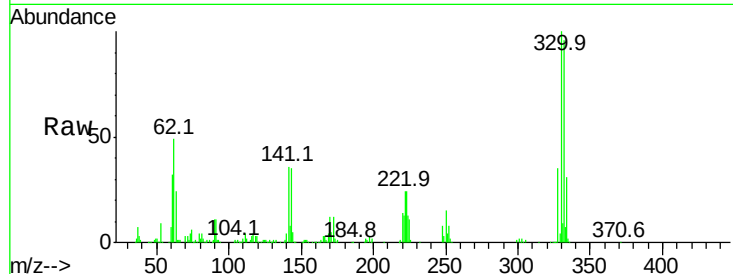




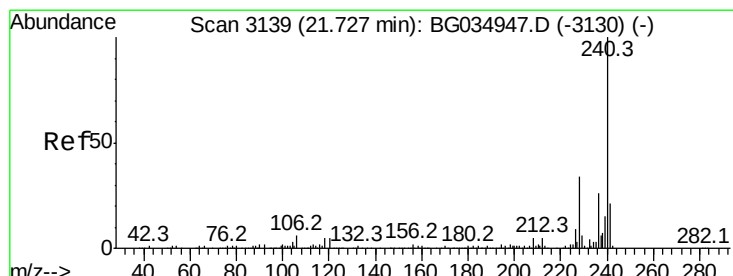
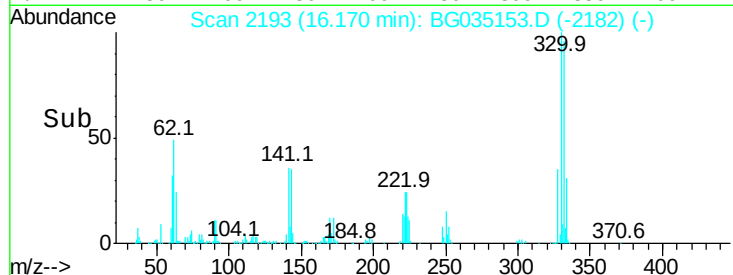
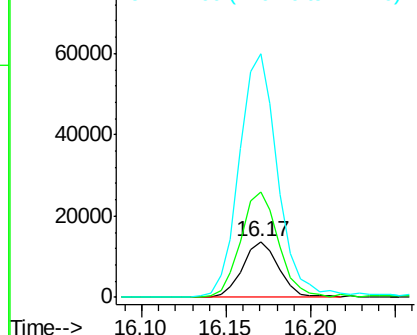
#66
4-Bromophenyl-phenylether
Concen: 4.625 ng
RT: 16.17 min Scan# 2193
Delta R.T. -0.46 min
Lab File: BG035153.D
Acq: 15 Jun 2018 1:00

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 20488
Ion Ratio Lower Upper
248 100
250 190.0 77.1 115.7#
141 438.8 50.8 76.2#

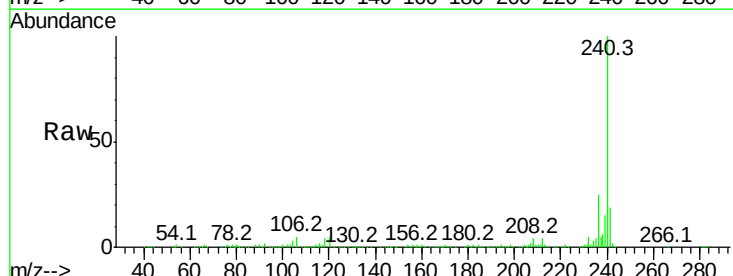


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

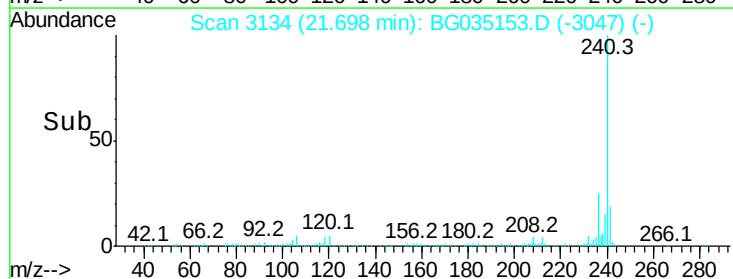
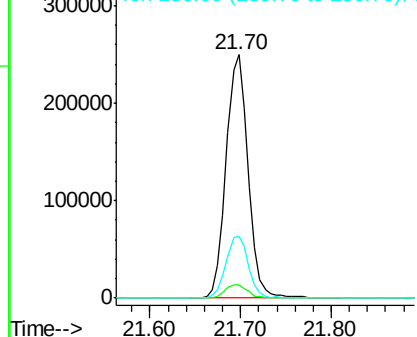


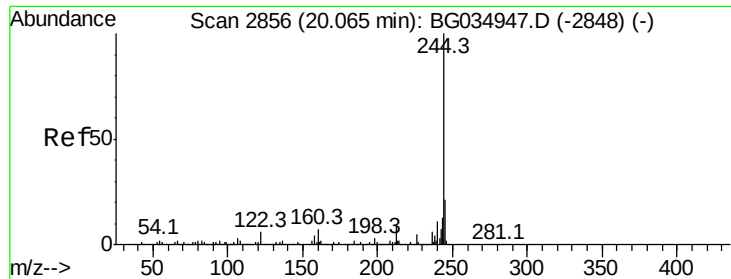
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3134
Delta R.T. -0.02 min
Lab File: BG035153.D
Acq: 15 Jun 2018 1:00

Tgt Ion:240 Resp: 419477
Ion Ratio Lower Upper
240 100
120 5.4 6.8 10.2#
236 25.2 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





#78

Terphenyl-d14

Concen: 90.175 ng

RT: 20.04 min Scan# 2851

Delta R.T. -0.01 min

Lab File: BG035153.D

Acq: 15 Jun 2018 1:00

Instrument :

BNA_G

ClientSampleId :

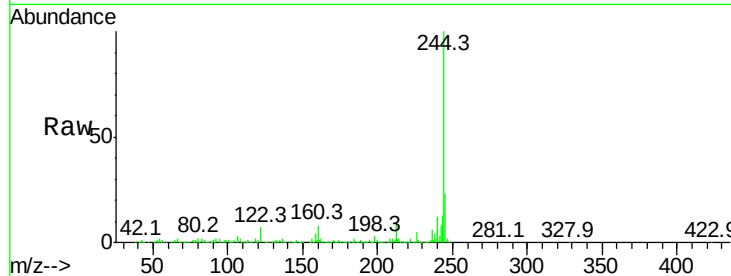
Tot Ion:244 Resp: 1805833

Ion Ratio Lower Upper

244 100

212 9.6 5.8 8.8#

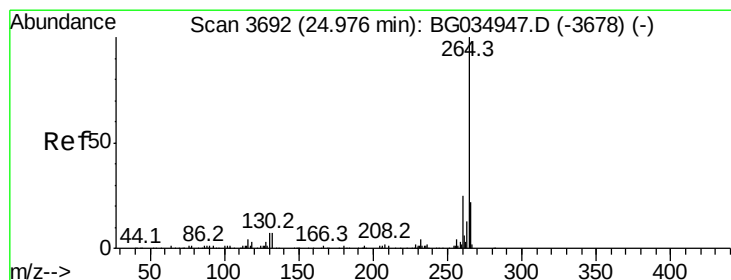
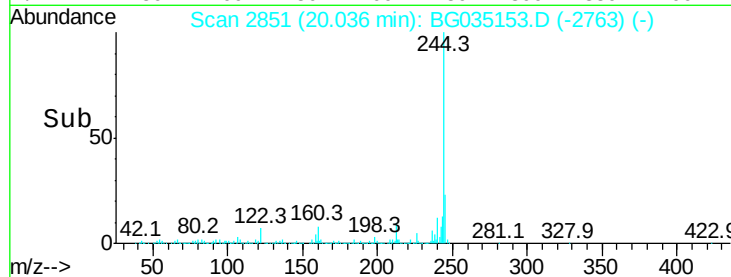
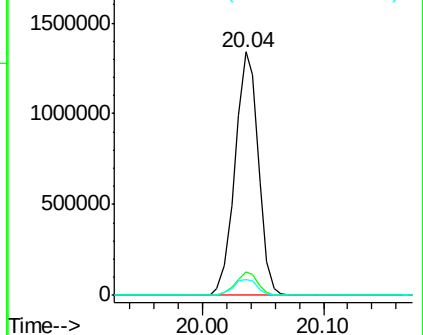
122 6.6 7.0 10.4#



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

Perylene-d12

Concen: 20.000 ng

RT: 24.93 min Scan# 3684

Delta R.T. -0.02 min

Lab File: BG035153.D

Acq: 15 Jun 2018 1:00

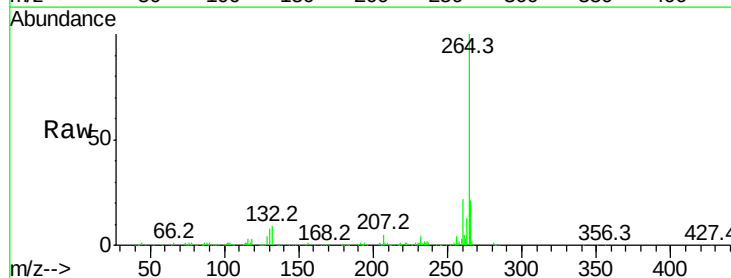
Tgt Ion:264 Resp: 371733

Ion Ratio Lower Upper

264 100

260 22.4 17.4 26.0

265 20.8 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

