

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061518\
 Data File : BG035184.D
 Acq On : 15 Jun 2018 22:57
 Operator : SJ/JU
 Sample : J3464-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 15 23:50:35 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

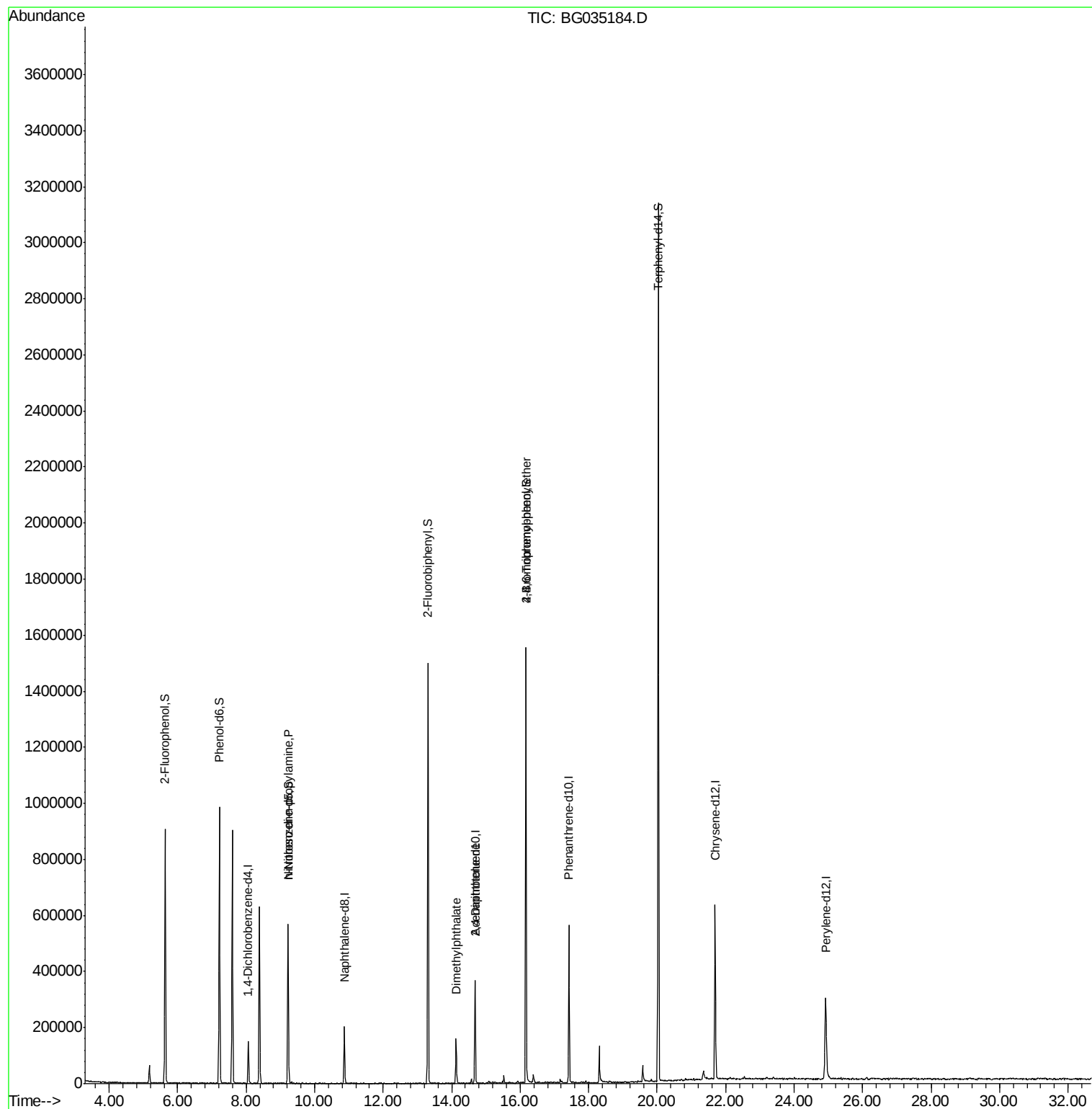
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	42792	20.00	ng	-0.02
21) Naphthalene-d8	10.87	136	172334	20.00	ng	-0.02
38) Acenaphthene-d10	14.69	164	128793	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	363849	20.00	ng	-0.02
75) Chrysene-d12	21.69	240	399542	20.00	ng	-0.02
86) Perylene-d12	24.92	264	363793	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	382129	150.70	ng	0.00
7) Phenol-d6	7.22	99	592694	158.37	ng	0.00
23) Nitrobenzene-d5	9.22	82	384757	106.13	ng	-0.02
41) 2,4,6-Tribromophenol	16.17	330	290867	176.42	ng	-0.02
44) 2-Fluorobiphenyl	13.31	172	820587	82.83	ng	-0.02
78) Terphenyl-d14	20.03	244	1497640	78.52	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	53947	16.967	ng	# 66
49) Dimethylphthalate	14.13	163	106895	9.518	ng	# 98
56) 2,4-Dinitrotoluene	14.68	165	18007	6.616	ng	# 18
66) 4-Bromophenyl-phenylether	16.17	248	22367	5.105	ng	# 1

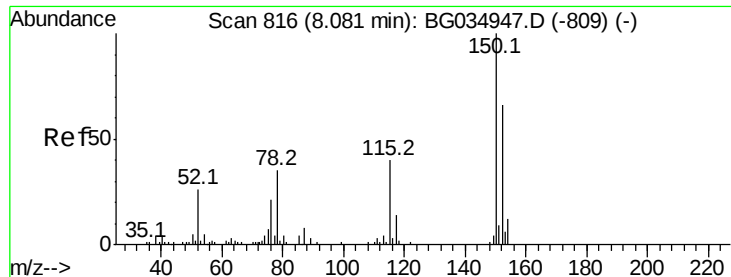
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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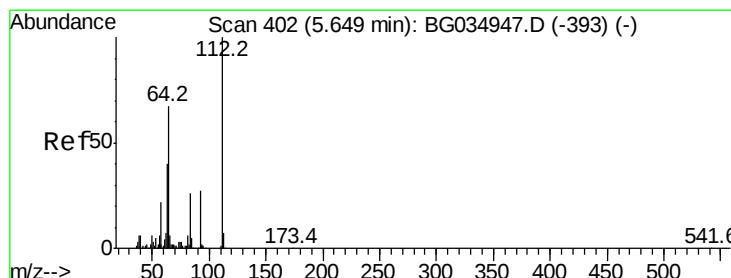
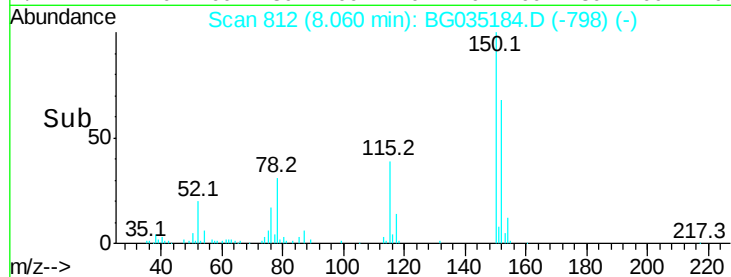
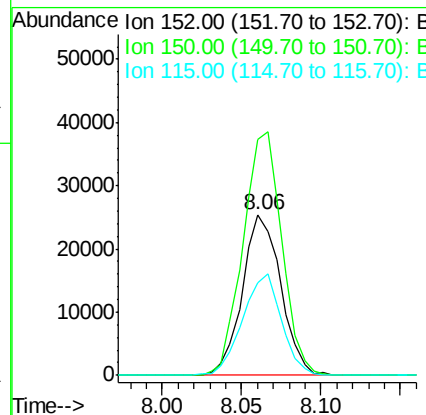
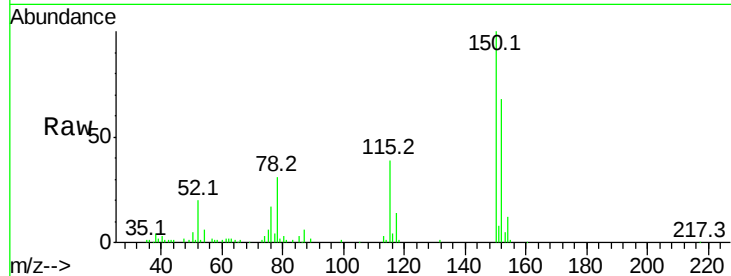


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.02 min
Lab File: BG035184.D
Acq: 15 Jun 2018 22:57

Instrument :
BNA_G
ClientSampleId :

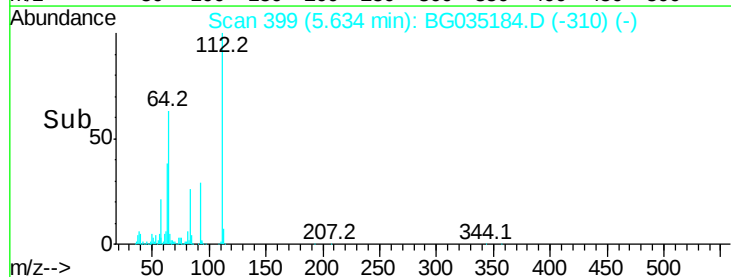
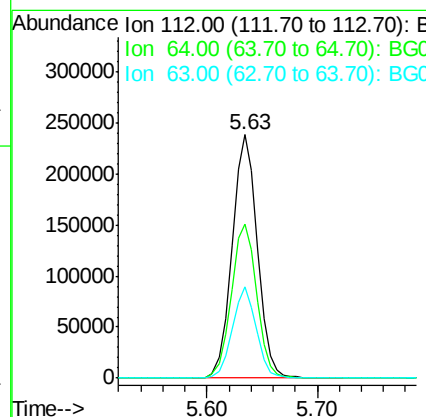
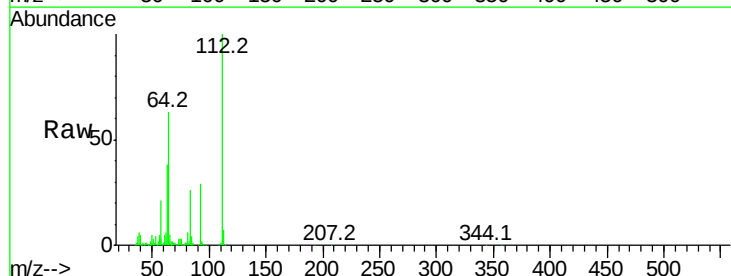
Tot Ion:152 Resp: 42792
Ion Ratio Lower Upper
152 100
150 147.3 126.6 189.8
115 57.6 53.0 79.4



#5

2-Fluorophenol
Concen: 150.702 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.01 min
Lab File: BG035184.D
Acq: 15 Jun 2018 22:57

Tgt Ion:112 Resp: 382129
Ion Ratio Lower Upper
112 100
64 63.3 56.3 84.5
63 37.7 30.1 45.1





#7

Phenol-d6

Concen: 158.369 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG035184.D

Acq: 15 Jun 2018 22:57

Instrument :

BNA_G

ClientSampled :

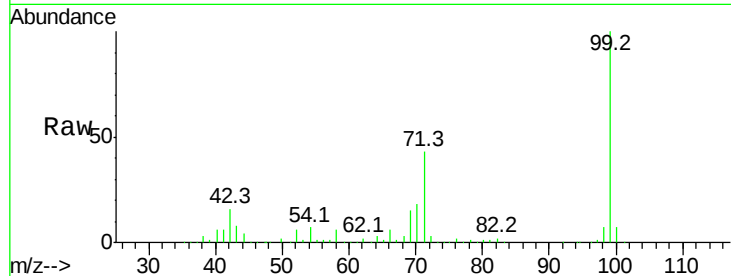
Tot Ion: 99 Resp: 592694

Ion Ratio Lower Upper

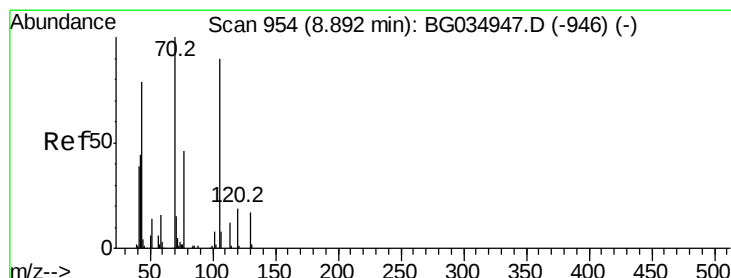
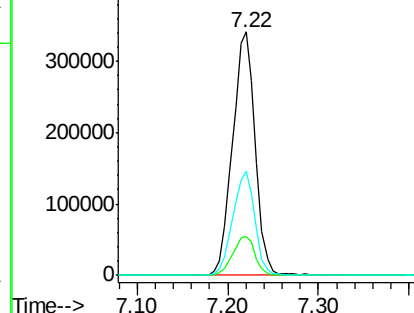
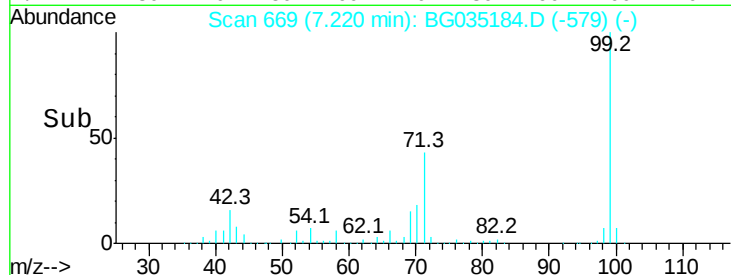
99 100

42 16.0 14.1 21.1

71 42.6 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: 16.967 ng

RT: 9.22 min Scan# 1009

Delta R.T. 0.34 min

Lab File: BG035184.D

Acq: 15 Jun 2018 22:57

Tgt Ion: 70 Resp: 53947

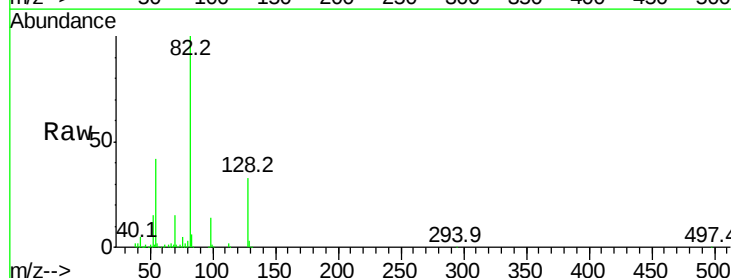
Ion Ratio Lower Upper

70 100

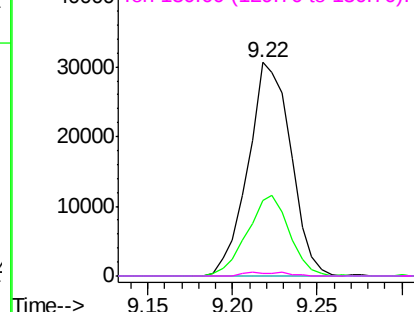
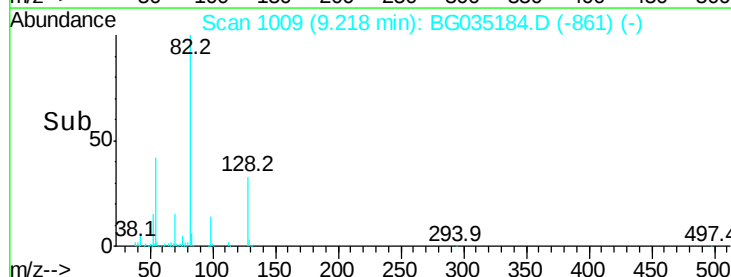
42 35.4 49.1 73.7#

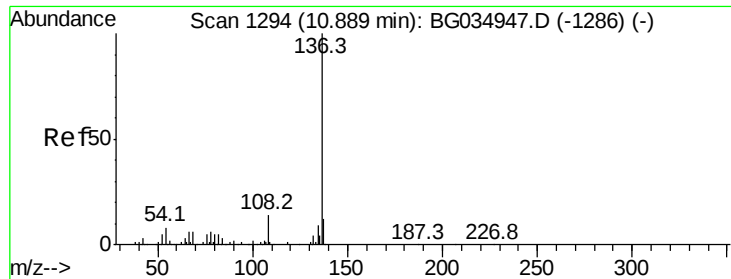
101 0.0 8.5 12.7#

130 1.3 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

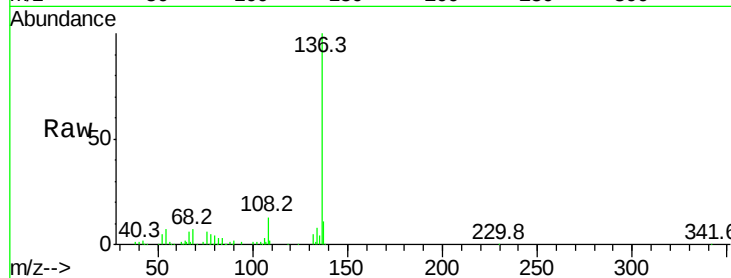




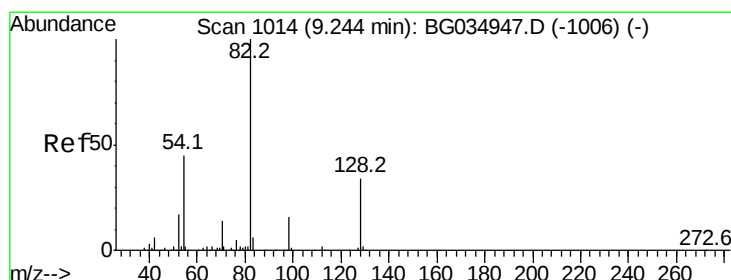
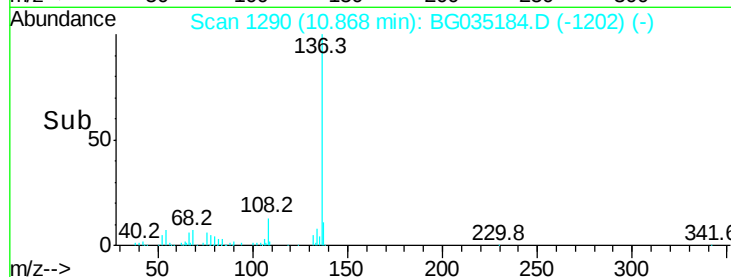
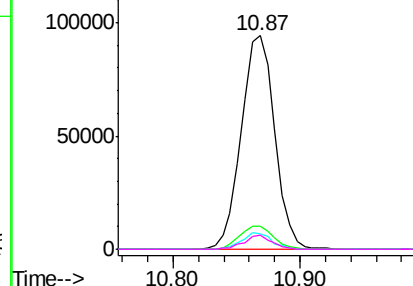
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BG035184.D
Acq: 15 Jun 2018 22:57

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	172334
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.2	13.8
54	7.4	10.3	15.5#
68	6.5	4.5	6.7

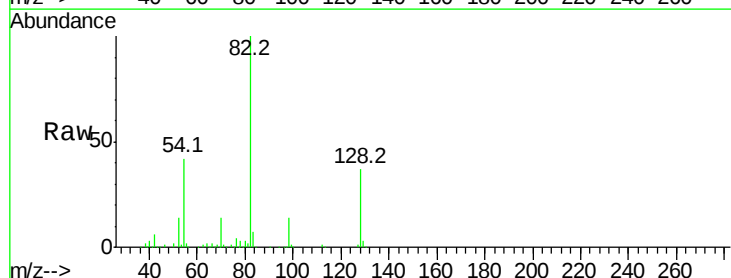


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

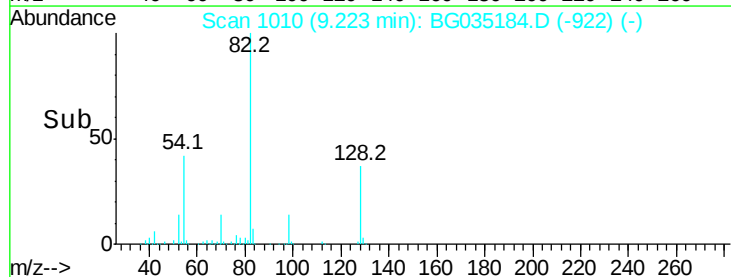
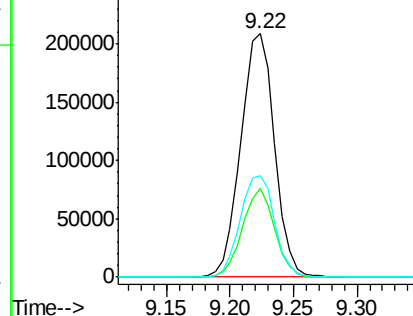


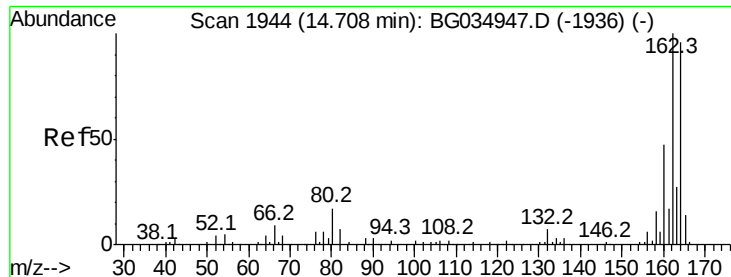
#23
Nitrobenzene-d5
Concen: 106.126 ng
RT: 9.22 min Scan# 1010
Delta R.T. -0.02 min
Lab File: BG035184.D
Acq: 15 Jun 2018 22:57

Tgt Ion:	82	Resp:	384757
Ion	Ratio	Lower	Upper
82	100		
128	36.7	29.7	44.5
54	41.9	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

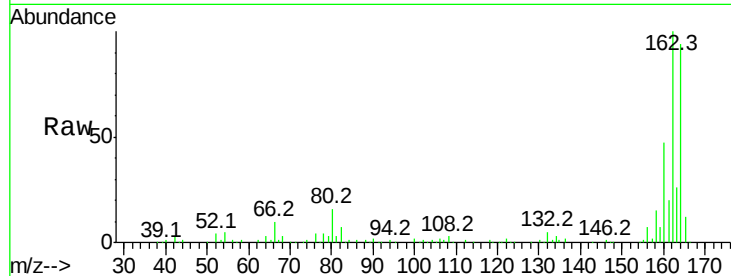




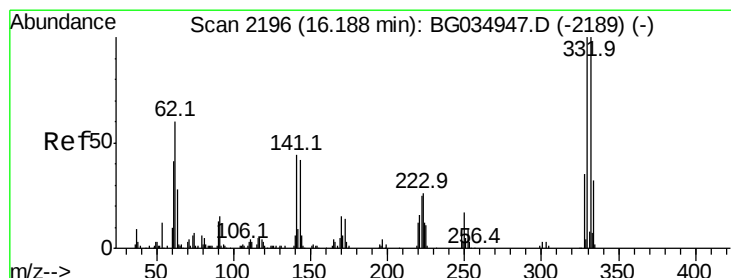
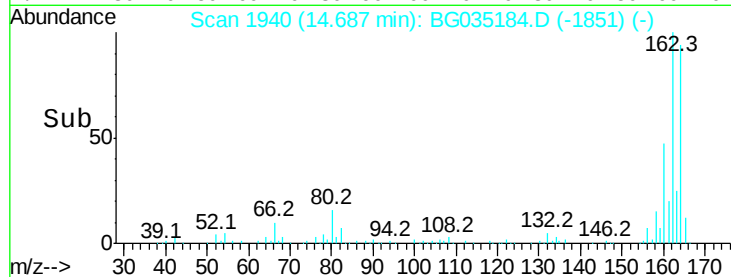
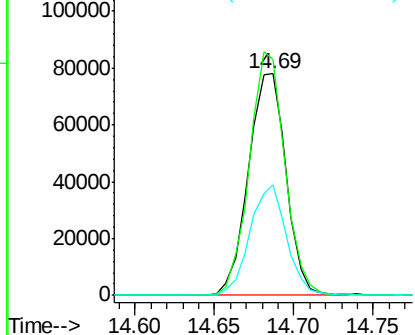
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.69 min Scan# 1940
 Delta R.T. -0.01 min
 Lab File: BG035184.D
 Acq: 15 Jun 2018 22:57

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:164 Resp: 128793
 Ion Ratio Lower Upper
 164 100
 162 106.6 78.8 118.2
 160 50.1 35.4 53.0

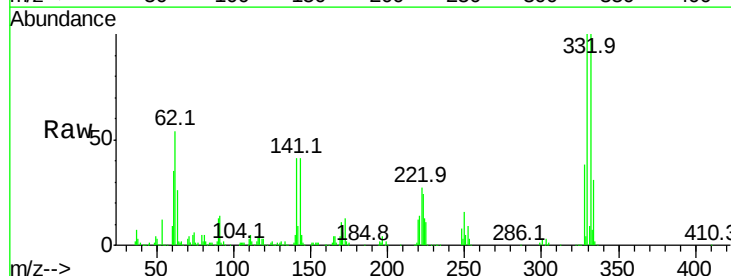


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

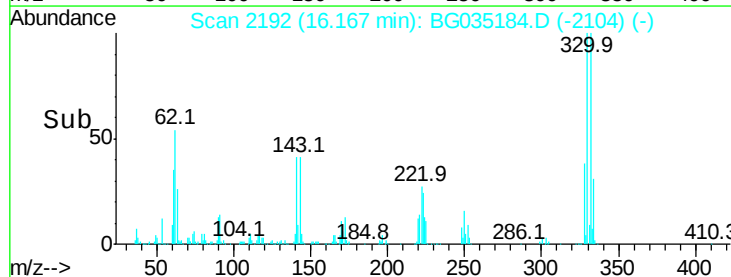
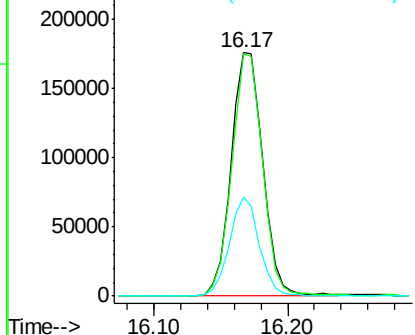


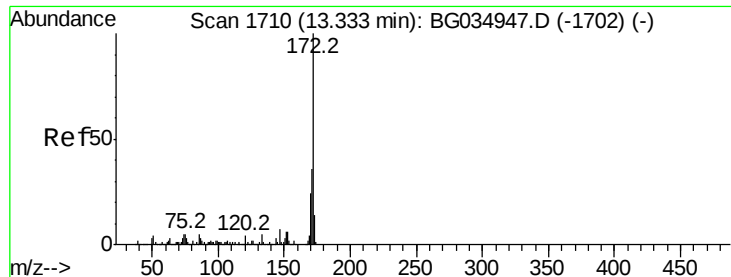
#41
 2,4,6-Tribromophenol
 Concen: 176.421 ng
 RT: 16.17 min Scan# 2192
 Delta R.T. -0.02 min
 Lab File: BG035184.D
 Acq: 15 Jun 2018 22:57

Tgt Ion:330 Resp: 290867
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.0 115.6
 141 38.5 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

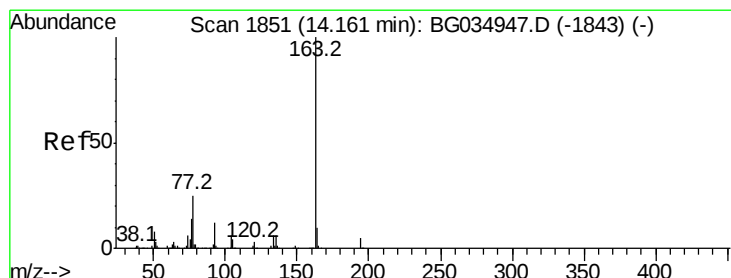
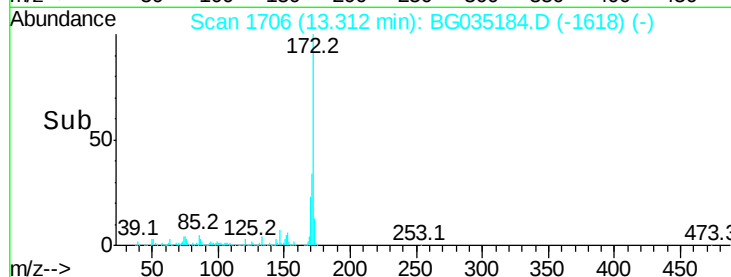
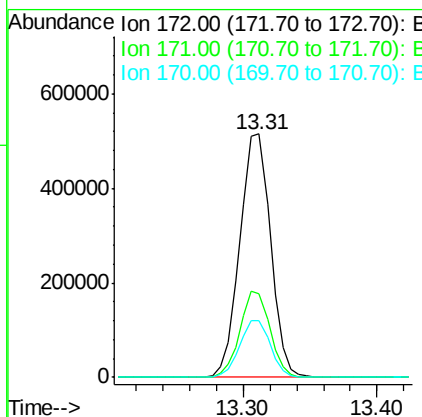
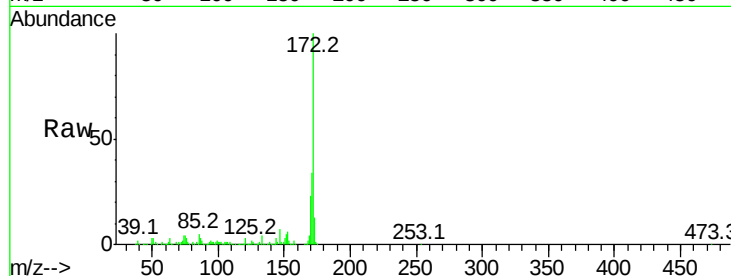




#44
2-Fluorobiphenyl
Concen: 82.828 ng
RT: 13.31 min Scan# 1706
Delta R.T. -0.02 min
Lab File: BG035184.D
Acq: 15 Jun 2018 22:57

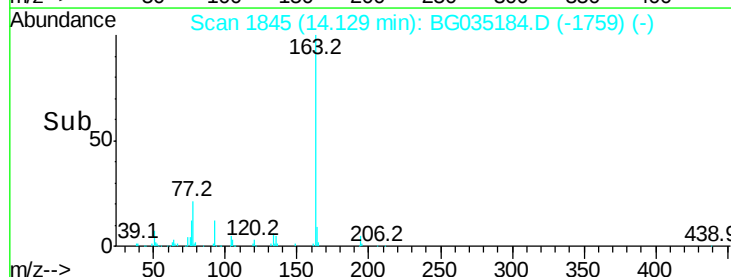
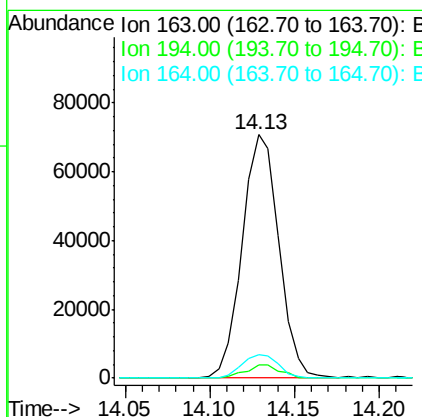
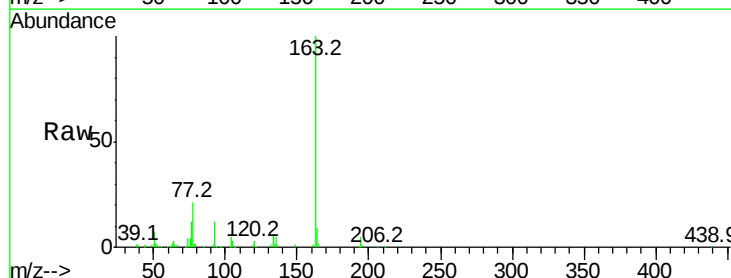
Instrument :
BNA_G
ClientSampleId :

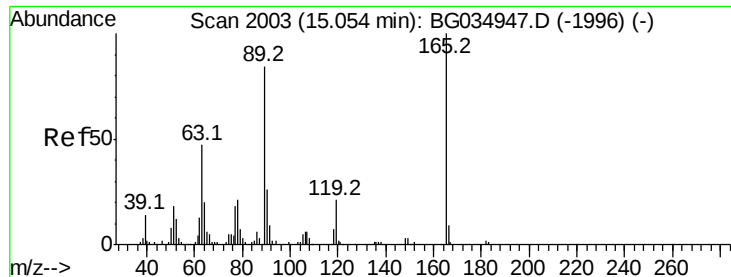
Tot Ion:172 Resp: 820587
Ion Ratio Lower Upper
172 100
171 34.1 30.0 45.0
170 23.5 19.5 29.3



#49
Dimethylphthalate
Concen: 9.518 ng
RT: 14.13 min Scan# 1845
Delta R.T. -0.03 min
Lab File: BG035184.D
Acq: 15 Jun 2018 22:57

Tgt Ion:163 Resp: 106895
Ion Ratio Lower Upper
163 100
194 5.3 3.4 5.2#
164 9.4 8.2 12.4

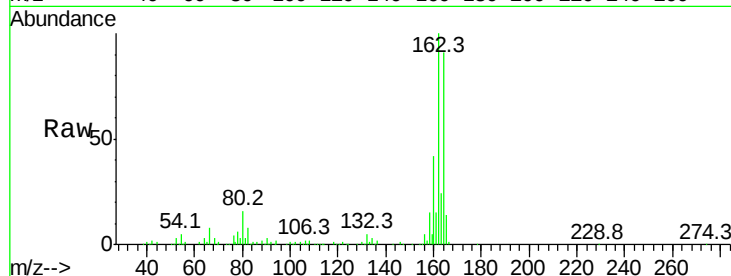




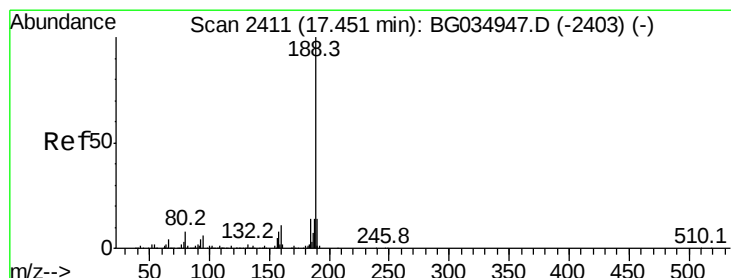
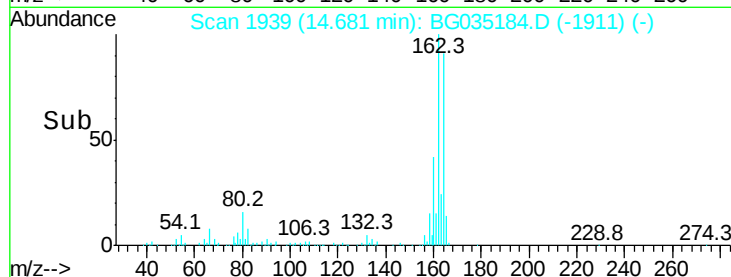
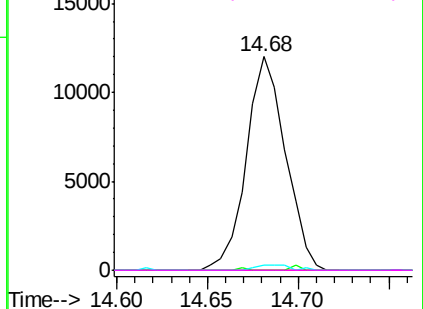
#56
 2,4-Dinitrotoluene
 Concen: 6.616 ng
 RT: 14.68 min Scan# 1939
 Delta R.T. -0.37 min
 Lab File: BG035184.D
 Acq: 15 Jun 2018 22:57

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 18007
 Ion Ratio Lower Upper
 165 100
 63 0.0 42.0 63.0#
 89 2.4 66.9 100.3#
 182 0.0 2.6 3.8#

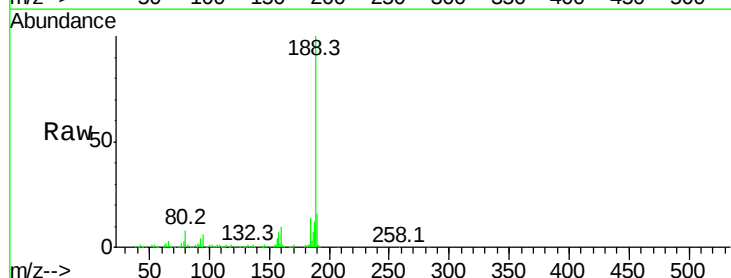


Abundance Ion 165.00 (164.70 to 165.70): E

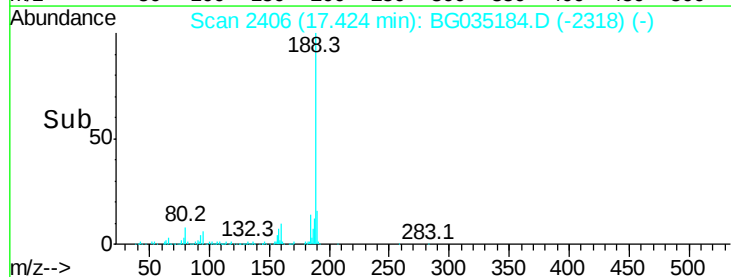
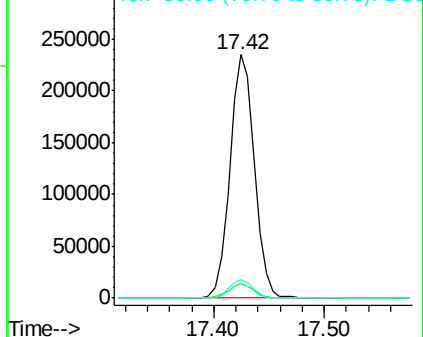


#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2406
 Delta R.T. -0.02 min
 Lab File: BG035184.D
 Acq: 15 Jun 2018 22:57

Tgt Ion:188 Resp: 363849
 Ion Ratio Lower Upper
 188 100
 94 6.1 6.9 10.3#
 80 7.8 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

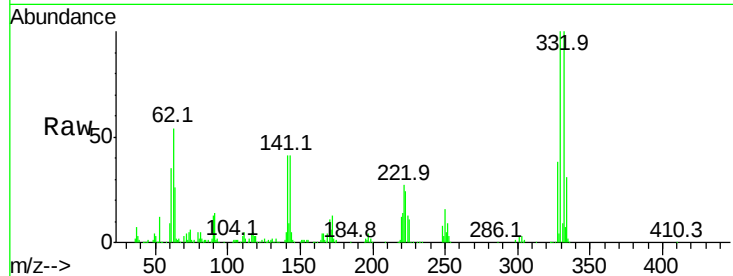




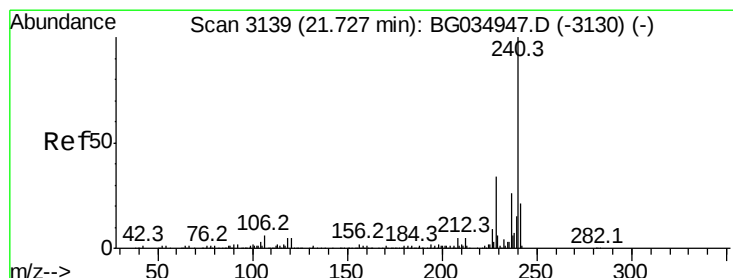
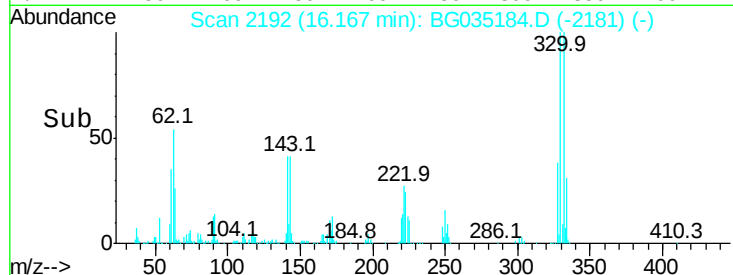
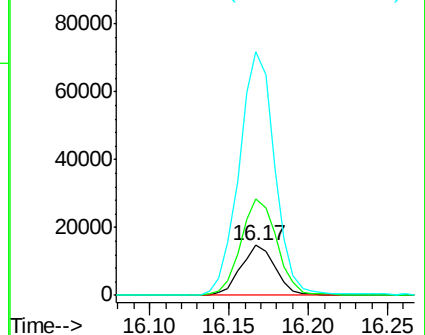
#66
4-Bromophenyl-phenylether
Concen: 5.105 ng
RT: 16.17 min Scan# 2192
Delta R.T. -0.47 min
Lab File: BG035184.D
Acq: 15 Jun 2018 22:57

Instrument :
BNA_G
ClientSampled :

Tot Ion:248 Resp: 22367
Ion Ratio Lower Upper
248 100
250 193.5 77.1 115.7#
141 486.2 50.8 76.2#

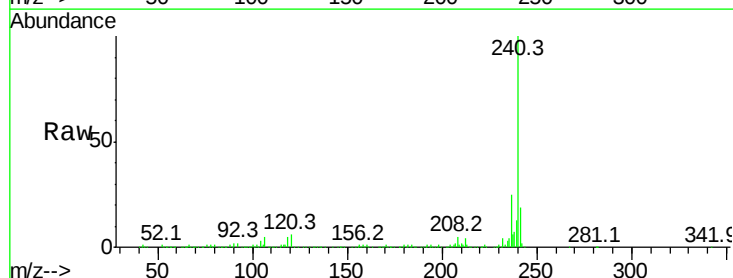


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

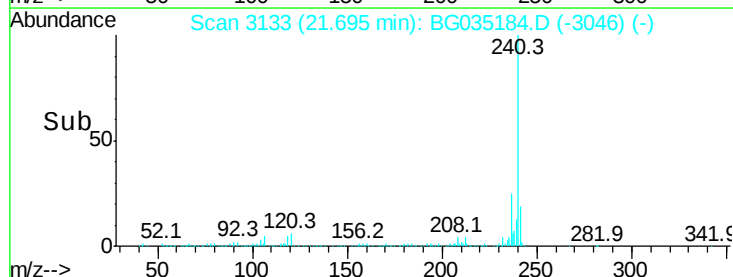
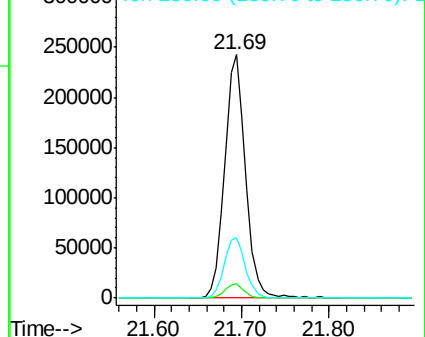


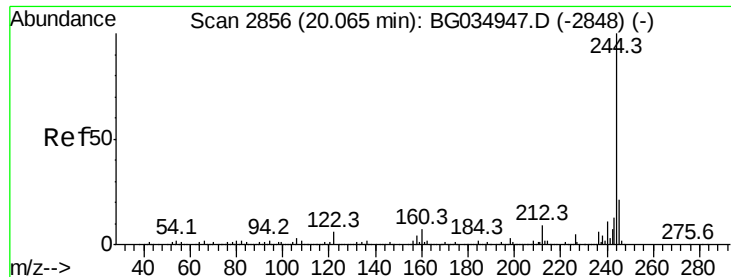
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3133
Delta R.T. -0.02 min
Lab File: BG035184.D
Acq: 15 Jun 2018 22:57

Tgt Ion:240 Resp: 399542
Ion Ratio Lower Upper
240 100
120 5.8 6.8 10.2#
236 24.8 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: 78.517 ng

RT: 20.03 min Scan# 2850

Delta R.T. -0.02 min

Lab File: BG035184.D

Acq: 15 Jun 2018 22:57

Instrument :

BNA_G

ClientSampled :

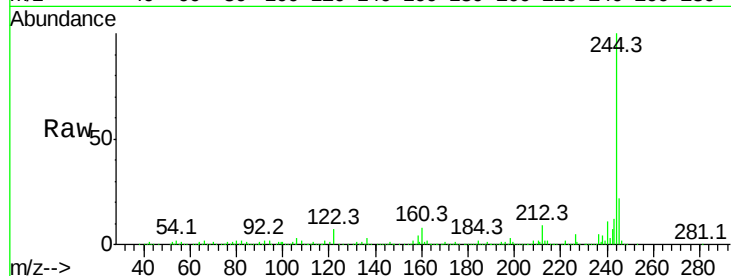
Tot Ion:244 Resp: 1497640

Ion Ratio Lower Upper

244 100

212 9.2 5.8 8.8#

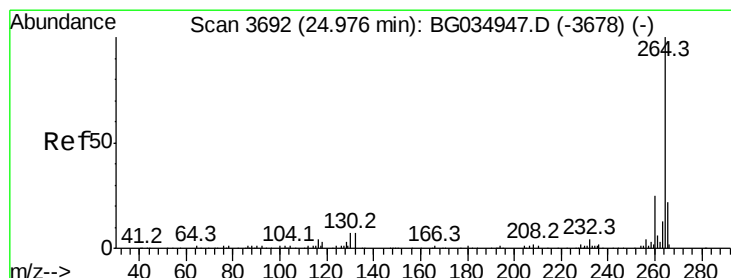
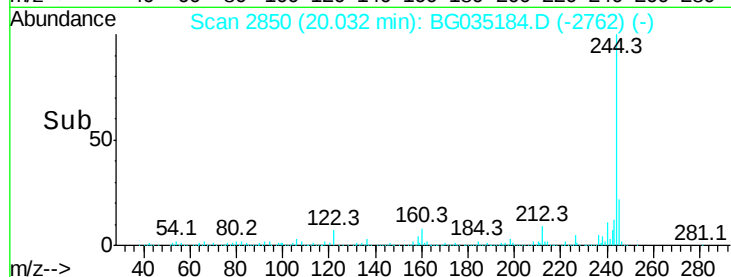
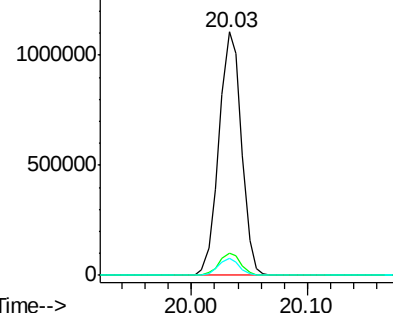
122 6.8 7.0 10.4#



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: 24.92 min Scan# 3682

Delta R.T. -0.03 min

Lab File: BG035184.D

Acq: 15 Jun 2018 22:57

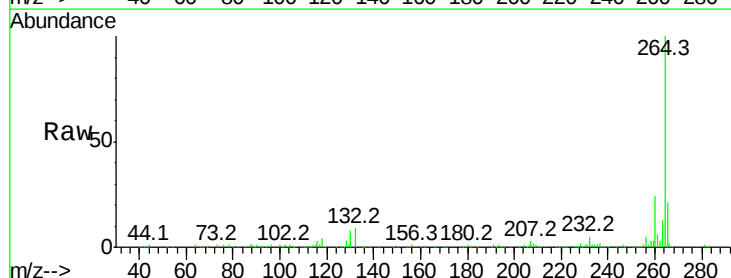
Tgt Ion:264 Resp: 363793

Ion Ratio Lower Upper

264 100

260 24.0 17.4 26.0

265 21.2 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

