

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061518\
 Data File : BG035182.D
 Acq On : 15 Jun 2018 21:40
 Operator : SJ/JU
 Sample : J3464-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 15 23:50:19 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

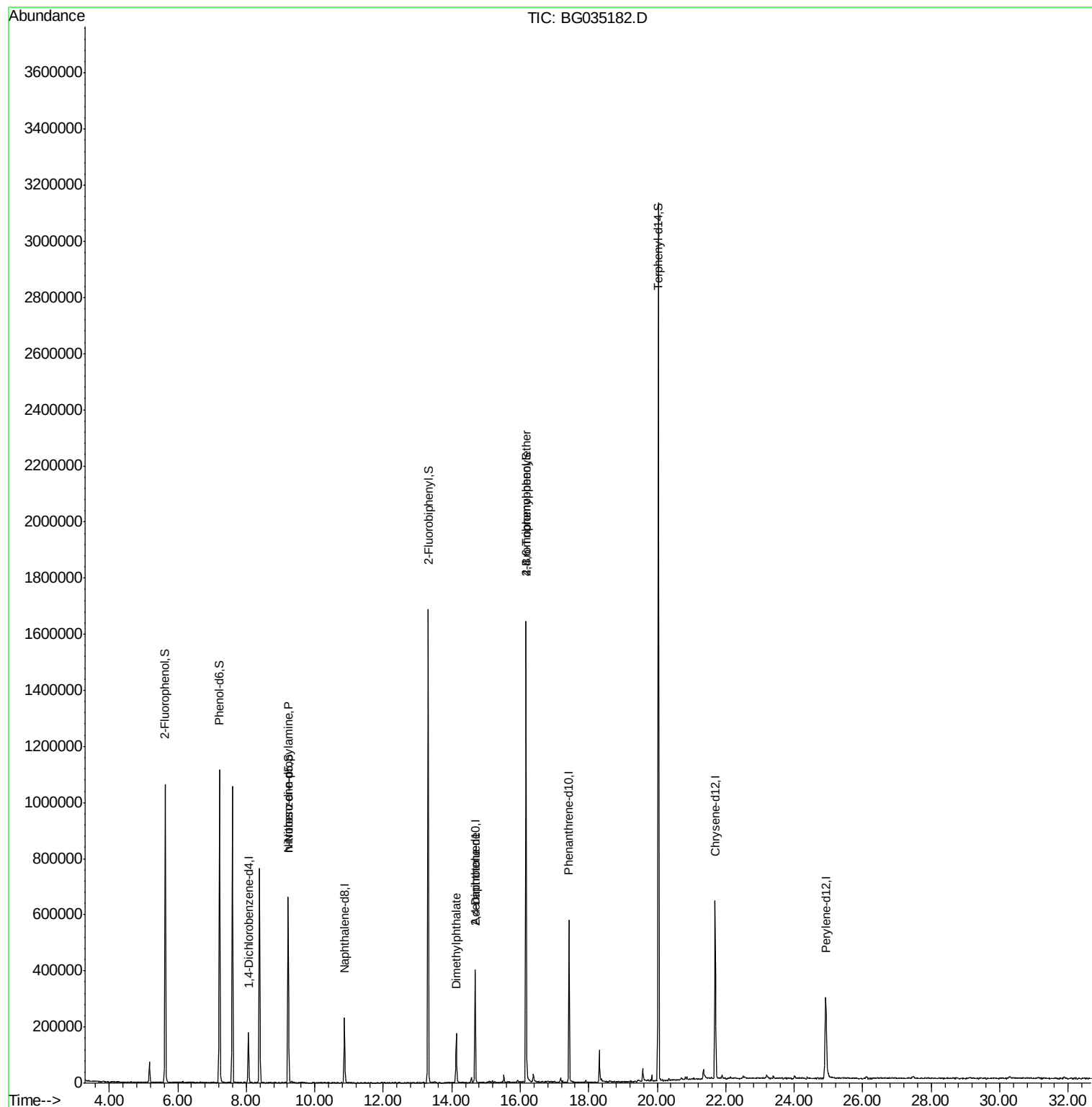
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	49981	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	190355	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	142509	20.00	ng	-0.01
63) Phenanthrene-d10	17.43	188	372190	20.00	ng	-0.01
75) Chrysene-d12	21.69	240	405195	20.00	ng	-0.02
86) Perylene-d12	24.92	264	368936	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	454060	153.31	ng	-0.01
7) Phenol-d6	7.22	99	684085	156.50	ng	0.00
23) Nitrobenzene-d5	9.22	82	447091	111.64	ng	-0.02
41) 2,4,6-Tribromophenol	16.17	330	311785	170.91	ng	-0.01
44) 2-Fluorobiphenyl	13.31	172	910001	83.01	ng	-0.02
78) Terphenyl-d14	20.04	244	1532998	79.25	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	62316	16.780	ng	# 66
49) Dimethylphthalate	14.13	163	117044	9.418	ng	# 99
56) 2,4-Dinitrotoluene	14.68	165	20443	6.788	ng	# 16
66) 4-Bromophenyl-phenylether	16.17	248	24166	5.392	ng	# 1

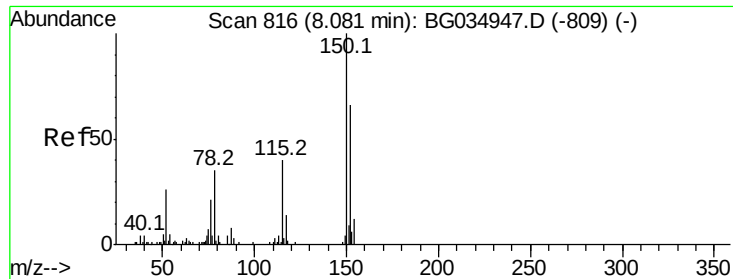
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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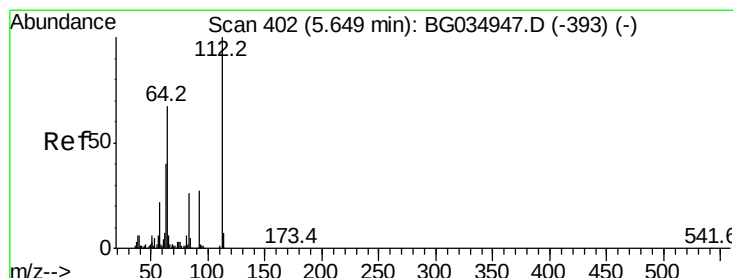
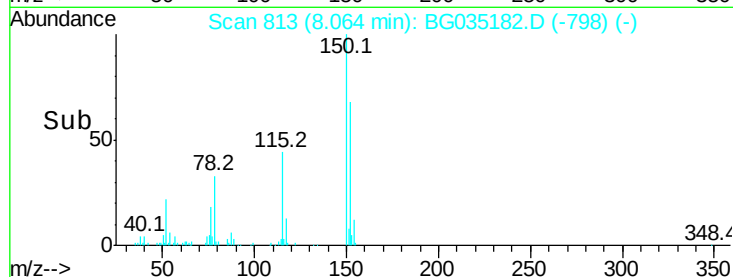
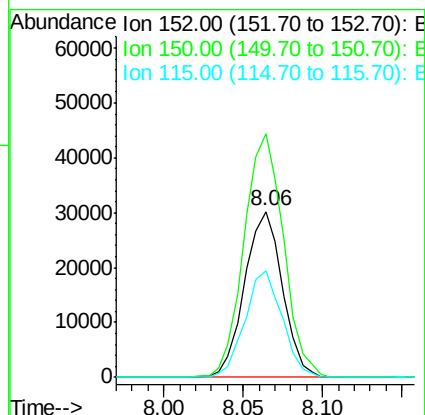
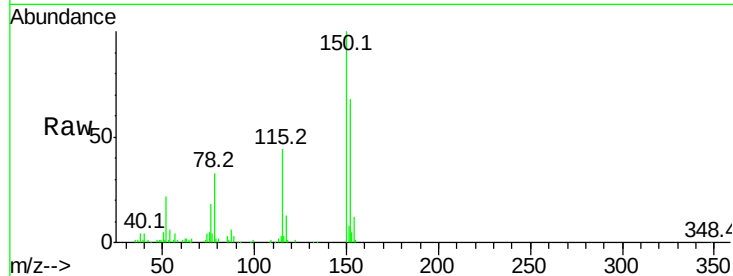


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG035182.D
Acq: 15 Jun 2018 21:40

Instrument :
BNA_G
ClientSampled :

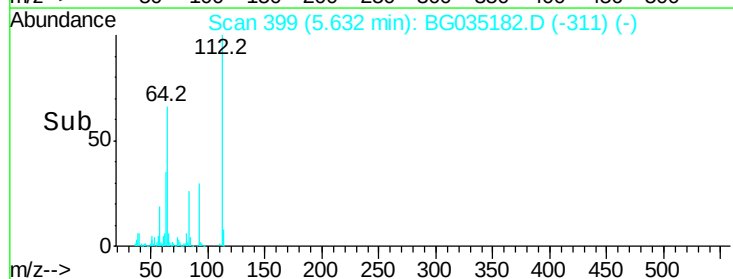
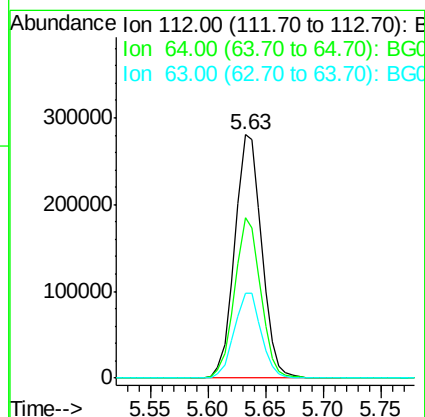
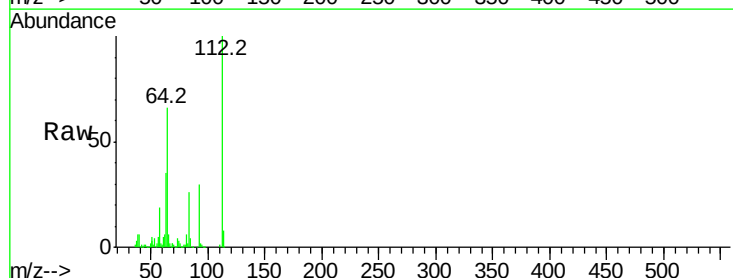
Tot Ion	Ratio	Lower	Upper
152	100		
150	146.8	126.6	189.8
115	64.0	53.0	79.4

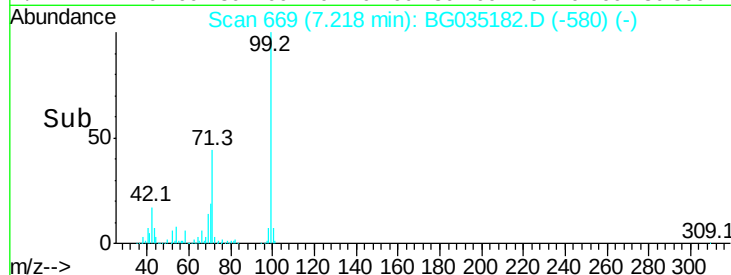
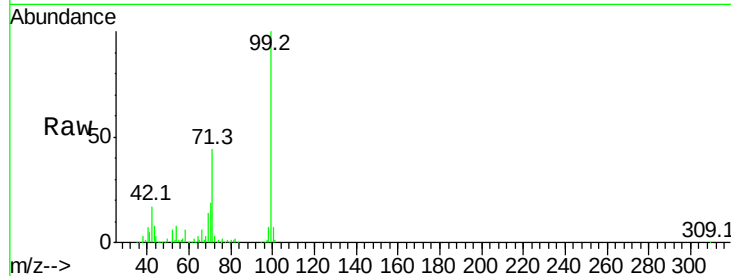
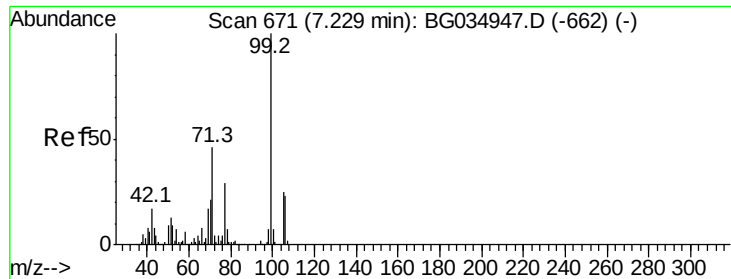


#5

2-Fluorophenol
Concen: 153.313 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.01 min
Lab File: BG035182.D
Acq: 15 Jun 2018 21:40

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.7	56.3	84.5
63	34.9	30.1	45.1





#7

Phenol-d6

Concen: 156.498 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG035182.D

Acq: 15 Jun 2018 21:40

Instrument :

BNA_G

ClientSampleId :

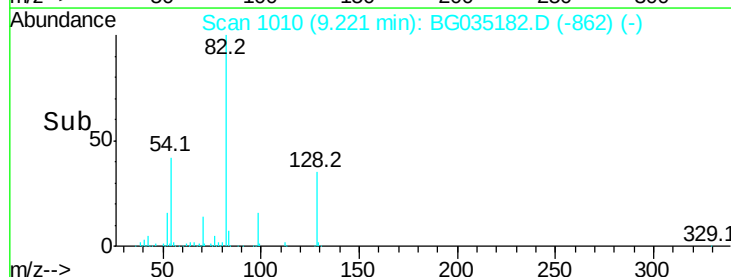
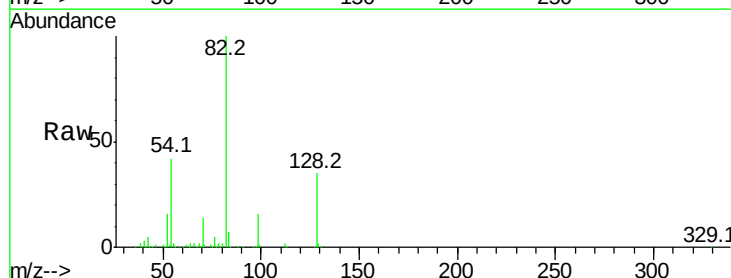
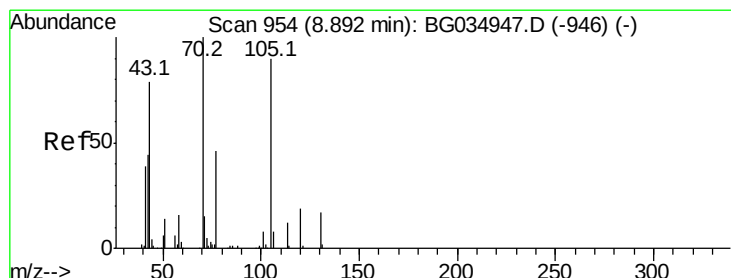
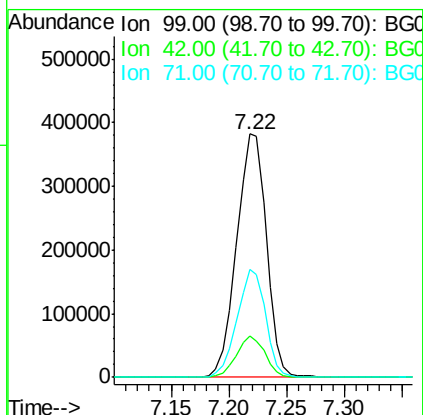
Tot Ion: 99 Resp: 684085

Ion Ratio Lower Upper

99 100

42 17.0 14.1 21.1

71 44.5 26.1 39.1#



#19

n-Nitroso-di-n-propylamine

Concen: 16.780 ng

RT: 9.22 min Scan# 1010

Delta R.T. 0.34 min

Lab File: BG035182.D

Acq: 15 Jun 2018 21:40

Tgt Ion: 70 Resp: 62316

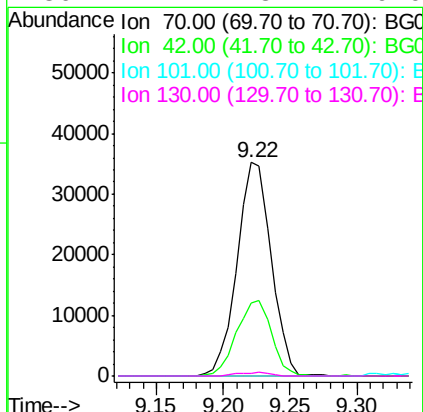
Ion Ratio Lower Upper

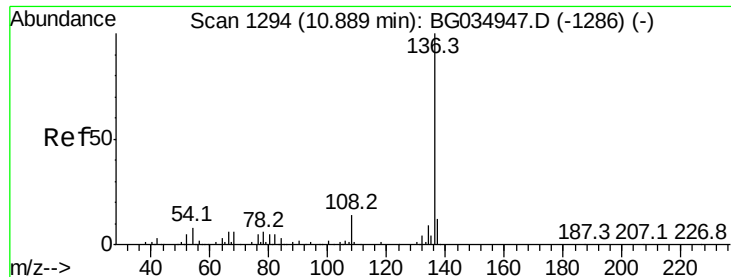
70 100

42 34.5 49.1 73.7#

101 0.0 8.5 12.7#

130 1.4 13.4 20.0#

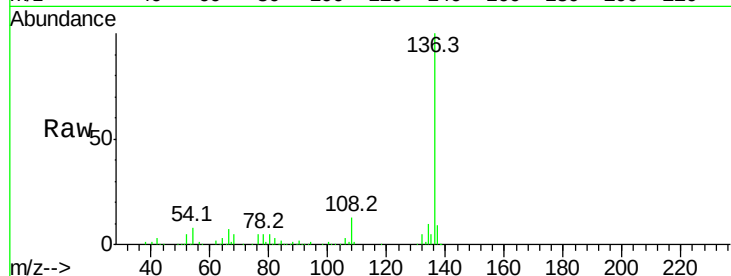




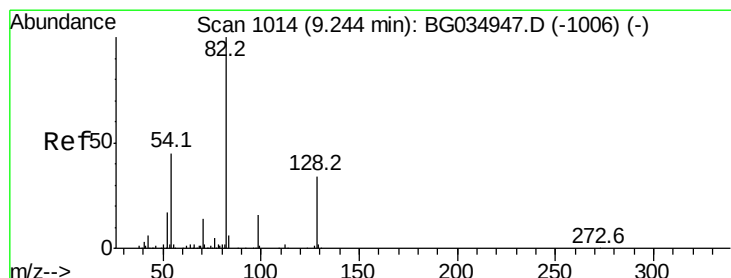
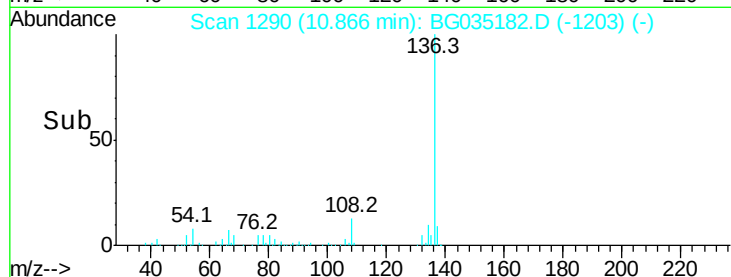
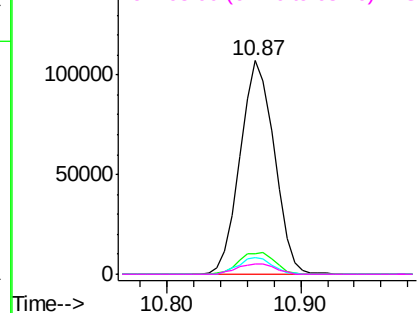
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BG035182.D
Acq: 15 Jun 2018 21:40

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	190355
Ion	Ratio	Lower	Upper
136	100		
137	9.5	9.2	13.8
54	8.0	10.3	15.5#
68	4.7	4.5	6.7

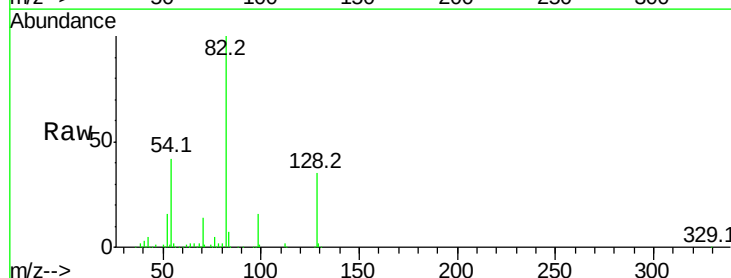


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

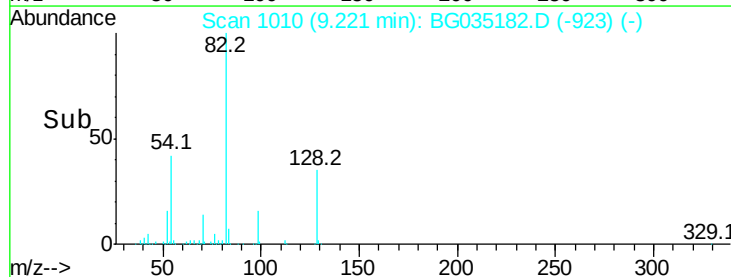
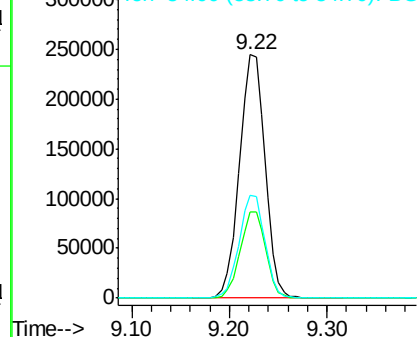


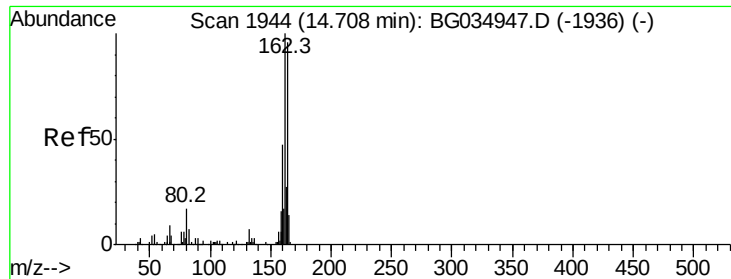
#23
Nitrobenzene-d5
Concen: 111.645 ng
RT: 9.22 min Scan# 1010
Delta R.T. -0.02 min
Lab File: BG035182.D
Acq: 15 Jun 2018 21:40

Tgt Ion:	82	Resp:	447091
Ion	Ratio	Lower	Upper
82	100		
128	35.3	29.7	44.5
54	42.0	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

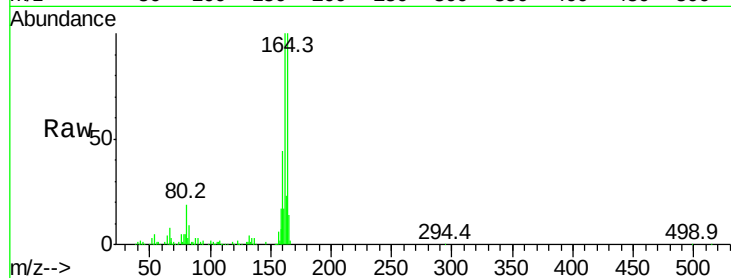




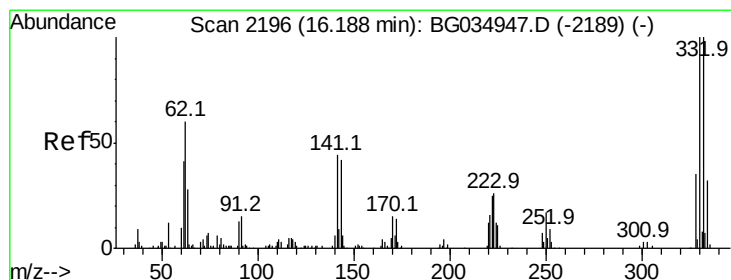
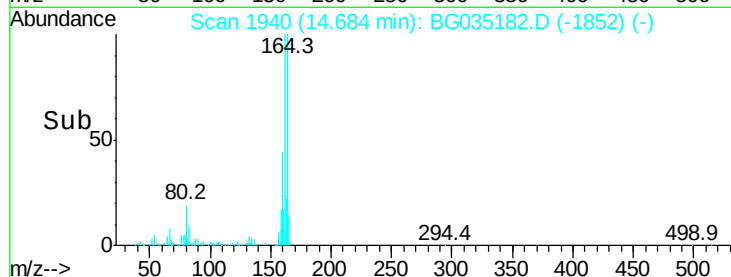
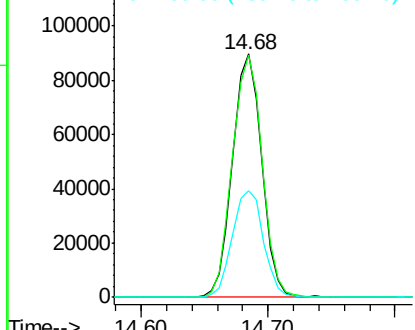
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BG035182.D
Acq: 15 Jun 2018 21:40

Instrument :
BNA_G
ClientSampleId :

Tot Ion:164 Resp: 142509
Ion Ratio Lower Upper
164 100
162 99.6 78.8 118.2
160 43.8 35.4 53.0

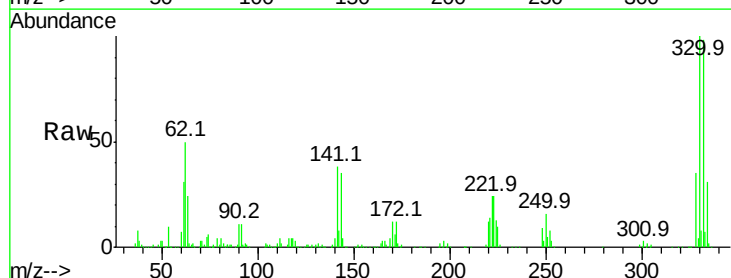


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

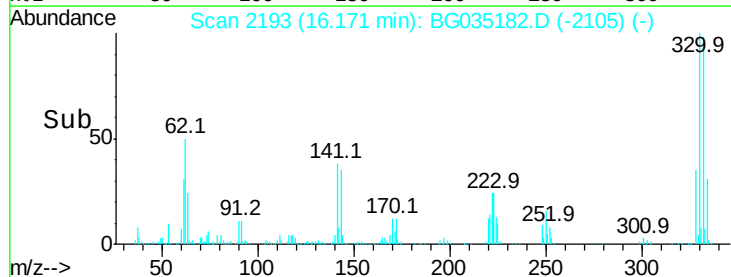
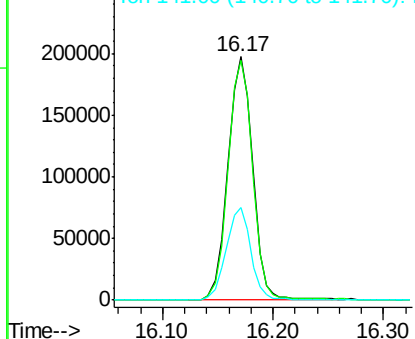


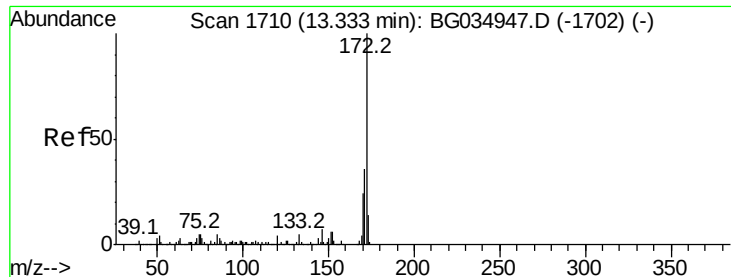
#41
2,4,6-Tribromophenol
Concen: 170.907 ng
RT: 16.17 min Scan# 2193
Delta R.T. -0.01 min
Lab File: BG035182.D
Acq: 15 Jun 2018 21:40

Tgt Ion:330 Resp: 311785
Ion Ratio Lower Upper
330 100
332 98.4 77.0 115.6
141 37.9 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

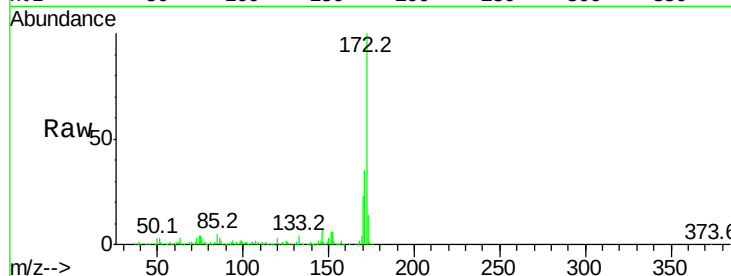




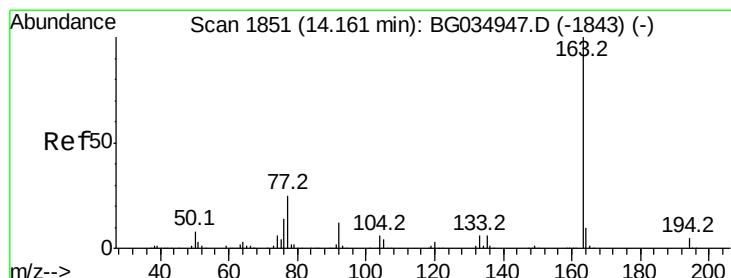
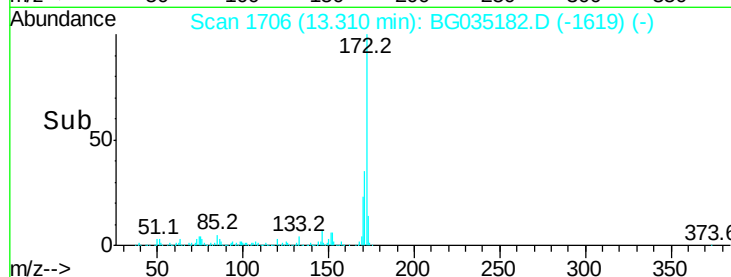
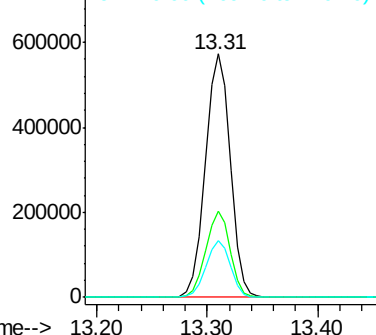
#44
2-Fluorobiphenyl
Concen: 83.012 ng
RT: 13.31 min Scan# 1706
Delta R.T. -0.02 min
Lab File: BG035182.D
Acq: 15 Jun 2018 21:40

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.2	30.0	45.0
170	23.5	19.5	29.3

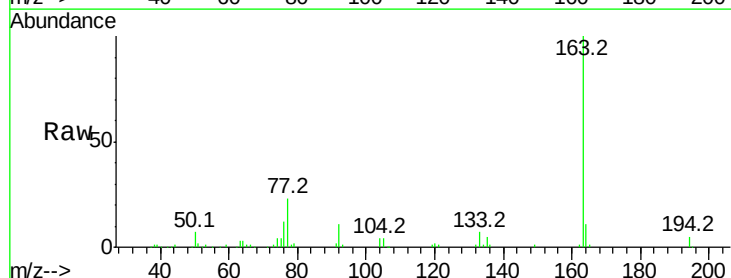


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

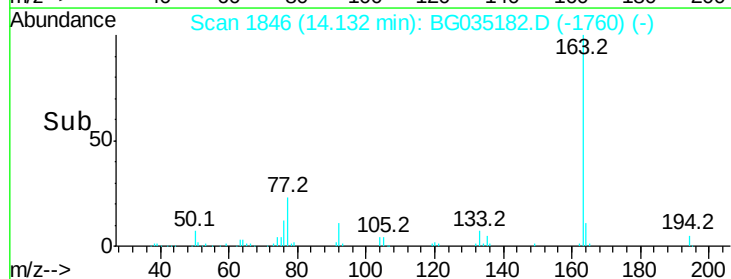
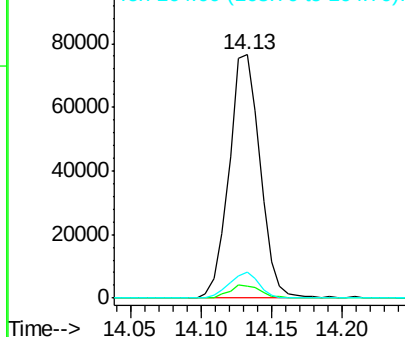


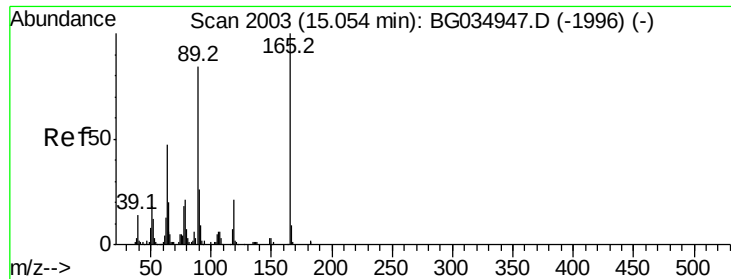
#49
Dimethylphthalate
Concen: 9.418 ng
RT: 14.13 min Scan# 1846
Delta R.T. -0.02 min
Lab File: BG035182.D
Acq: 15 Jun 2018 21:40

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.4	5.2
164	10.6	8.2	12.4



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

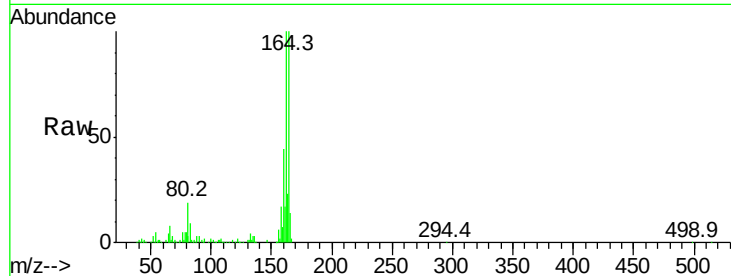




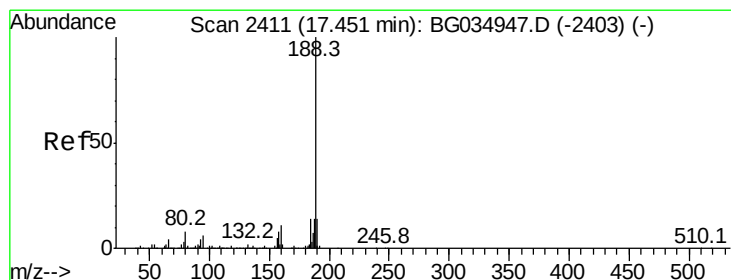
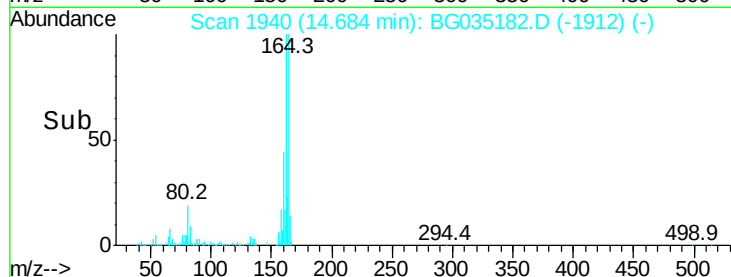
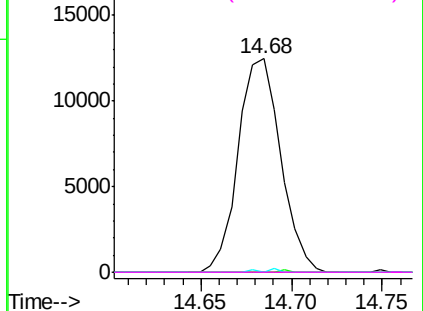
#56
 2,4-Dinitrotoluene
 Concen: 6.788 ng
 RT: 14.68 min Scan# 1940
 Delta R.T. -0.36 min
 Lab File: BG035182.D
 Acq: 15 Jun 2018 21:40

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 20443
 Ion Ratio Lower Upper
 165 100
 63 0.0 42.0 63.0#
 89 0.0 66.9 100.3#
 182 0.0 2.6 3.8#

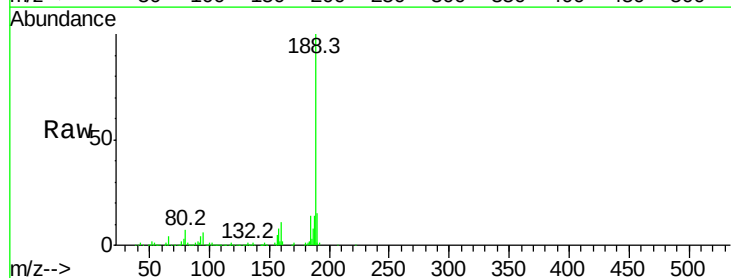


Abundance Ion 165.00 (164.70 to 165.70): E

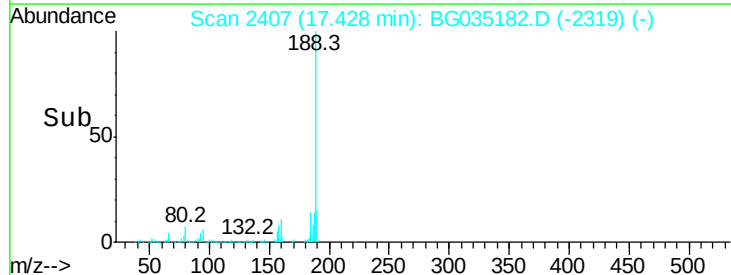
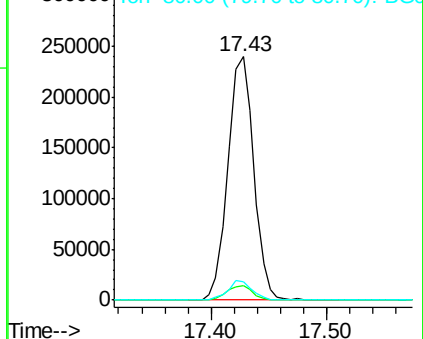


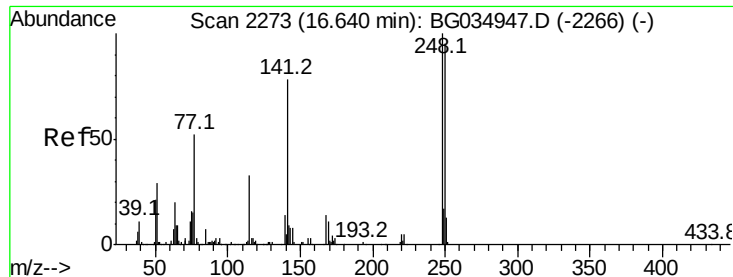
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.43 min Scan# 2407
 Delta R.T. -0.01 min
 Lab File: BG035182.D
 Acq: 15 Jun 2018 21:40

Tgt Ion:188 Resp: 372190
 Ion Ratio Lower Upper
 188 100
 94 5.9 6.9 10.3#
 80 7.4 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E

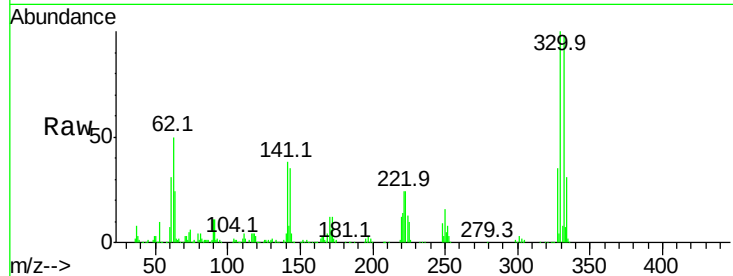




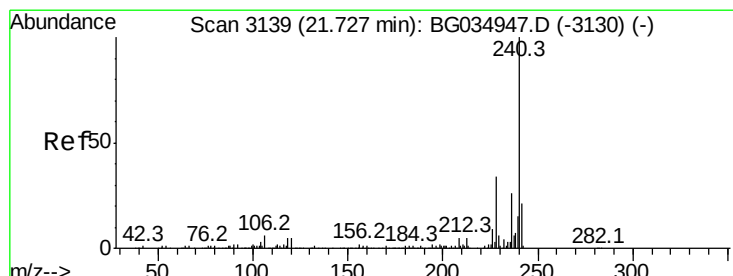
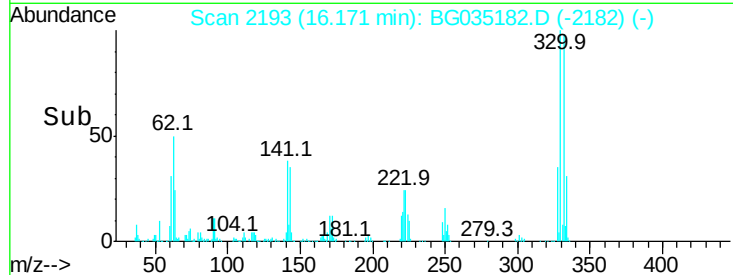
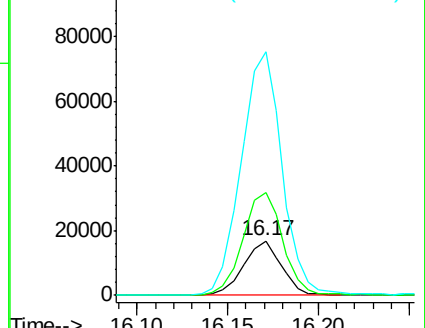
#66
4-Bromophenyl-phenylether
Concen: 5.392 ng
RT: 16.17 min Scan# 2193
Delta R.T. -0.46 min
Lab File: BG035182.D
Acq: 15 Jun 2018 21:40

Instrument :
BNA_G
ClientSampled :

Tot Ion:248 Resp: 24166
Ion Ratio Lower Upper
248 100
250 186.9 77.1 115.7#
141 444.9 50.8 76.2#

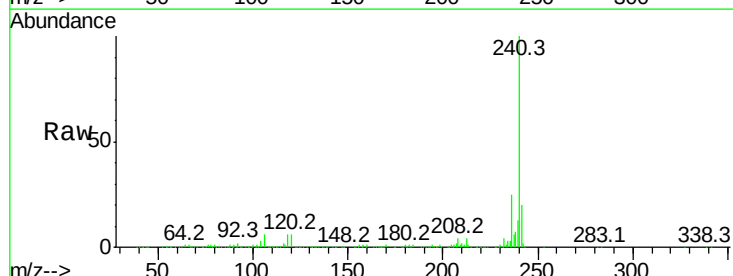


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

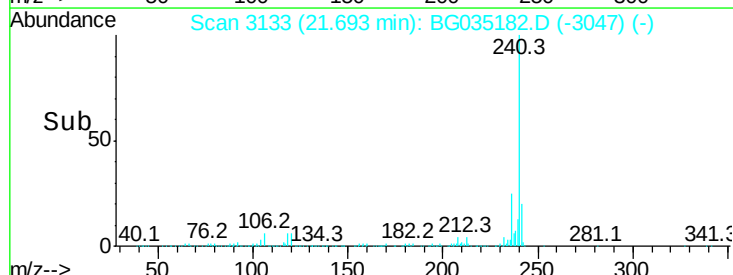
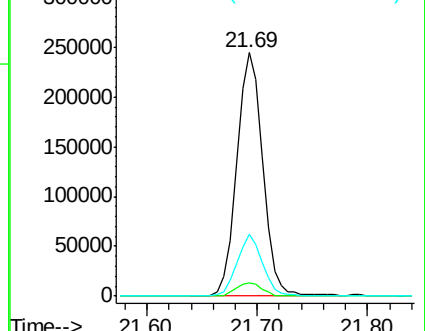


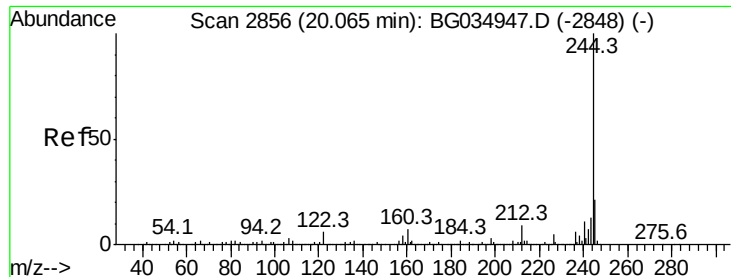
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3133
Delta R.T. -0.02 min
Lab File: BG035182.D
Acq: 15 Jun 2018 21:40

Tgt Ion:240 Resp: 405195
Ion Ratio Lower Upper
240 100
120 5.5 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: 79.249 ng

RT: 20.04 min Scan# 2851

Delta R.T. -0.01 min

Lab File: BG035182.D

Acq: 15 Jun 2018 21:40

Instrument :

BNA_G

ClientSampled :

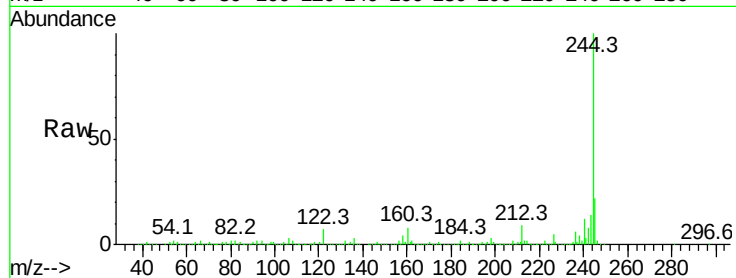
Tot Ion:244 Resp: 1532998

Ion Ratio Lower Upper

244 100

212 9.4 5.8 8.8#

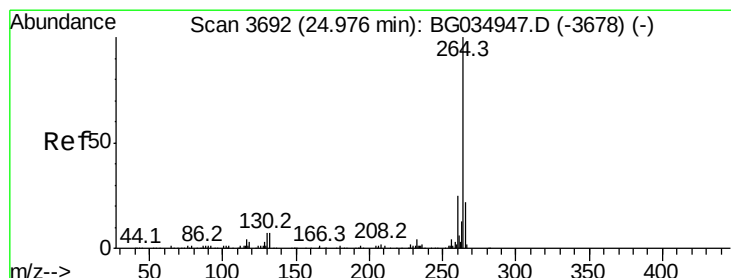
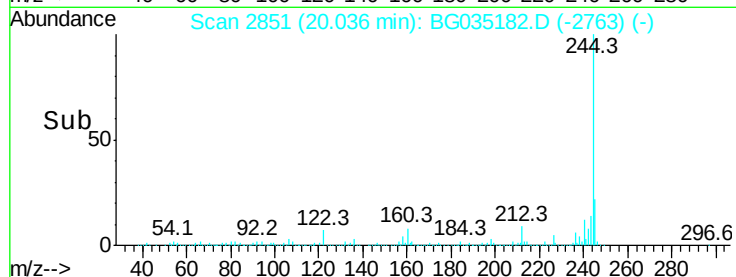
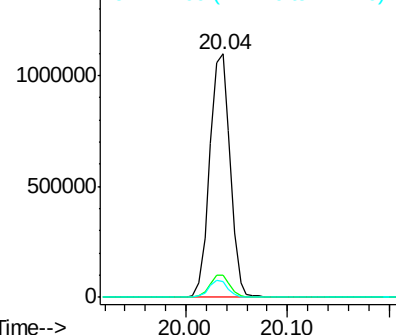
122 6.7 7.0 10.4#



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. -0.04 min

Lab File: BG035182.D

Acq: 15 Jun 2018 21:40

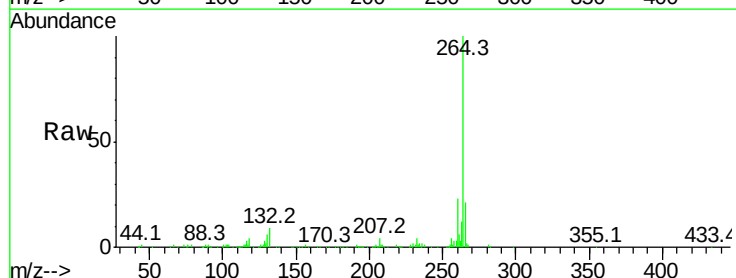
Tgt Ion:264 Resp: 368936

Ion Ratio Lower Upper

264 100

260 23.2 17.4 26.0

265 21.5 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

