

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062918\
 Data File : BG035509.D
 Acq On : 29 Jun 2018 11:42
 Operator : JU/SJ
 Sample : PB110463BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB110463BL

Quant Time: Jun 29 18:08:20 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

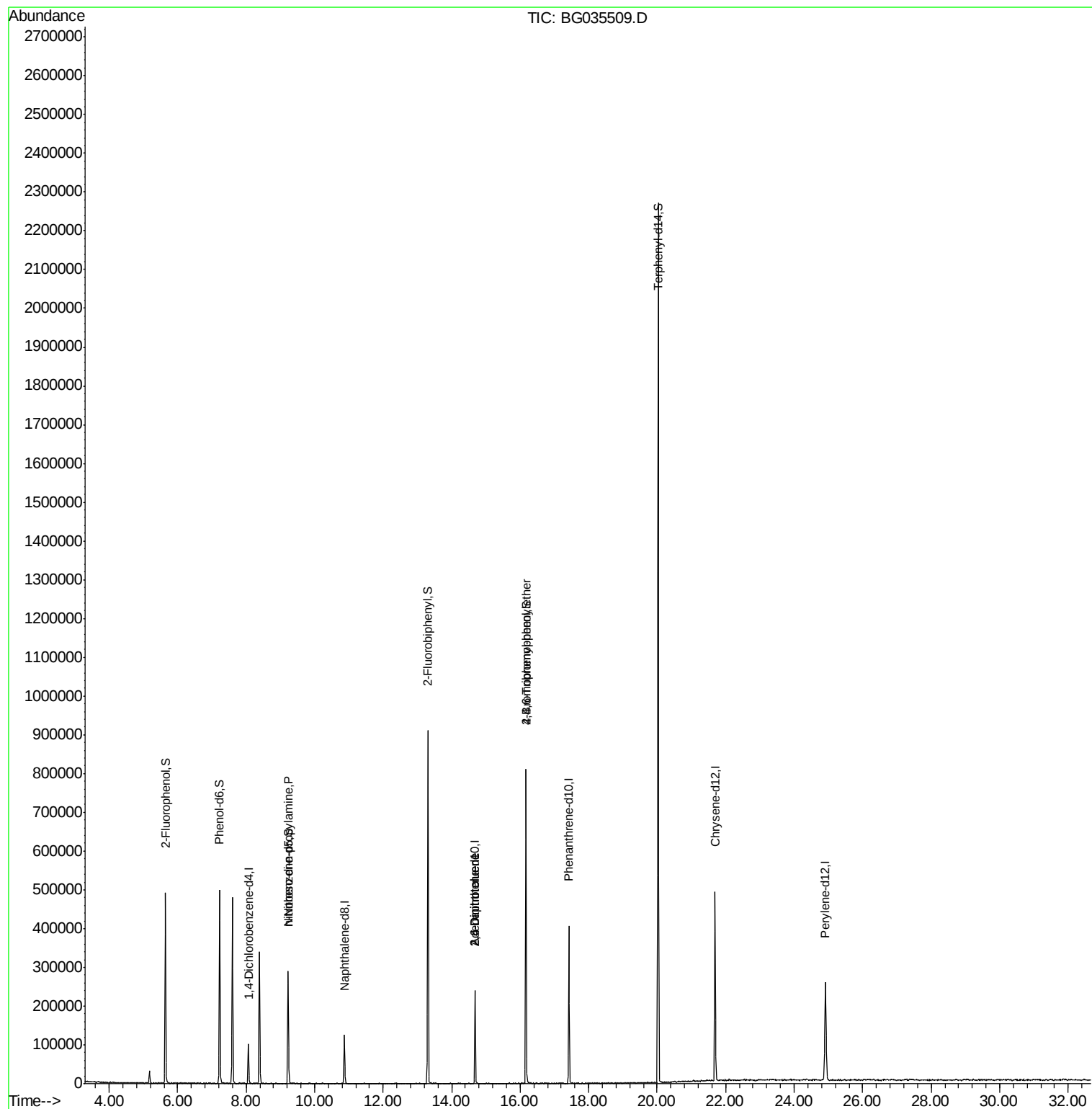
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	29653	20.00	ng	-0.02
21) Naphthalene-d8	10.87	136	111526	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	84130	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	257187	20.00	ng	-0.02
75) Chrysene-d12	21.69	240	312585	20.00	ng	-0.03
86) Perylene-d12	24.91	264	281899	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	207343	118.00	ng	0.00
7) Phenol-d6	7.23	99	309569	119.37	ng	0.00
23) Nitrobenzene-d5	9.22	82	194352	82.84	ng	-0.02
41) 2,4,6-Tribromophenol	16.17	330	150762	139.99	ng	-0.02
44) 2-Fluorobiphenyl	13.31	172	484378	74.85	ng	-0.02
78) Terphenyl-d14	20.03	244	1136340	76.15	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	26859	12.190	ng	# 63
50) 2,6-Dinitrotoluene	14.68	165	10972	8.198	ng	# 18
56) 2,4-Dinitrotoluene	14.68	165	10972	6.171	ng	# 16
66) 4-Bromophenyl-phenylether	16.17	248	11947	3.857	ng	# 1

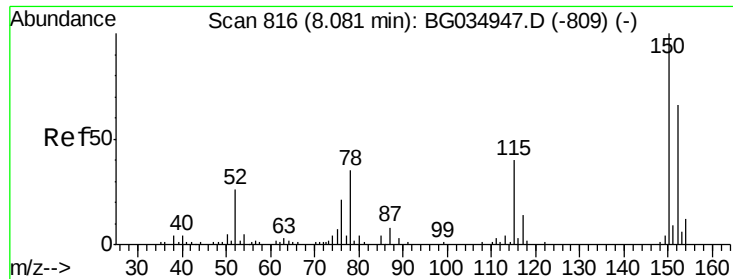
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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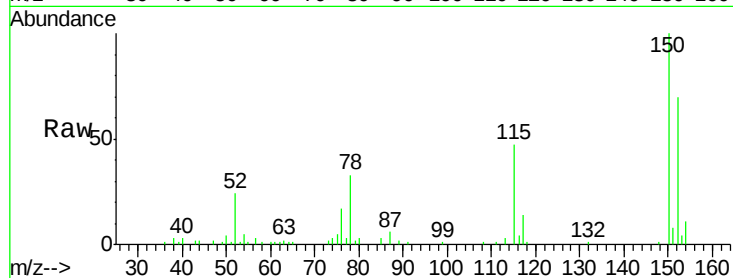




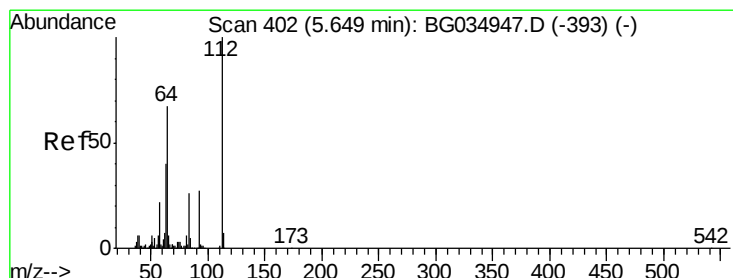
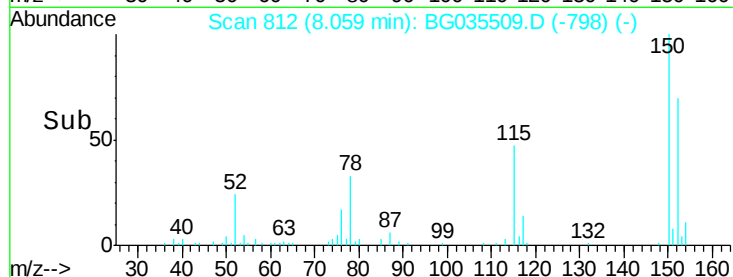
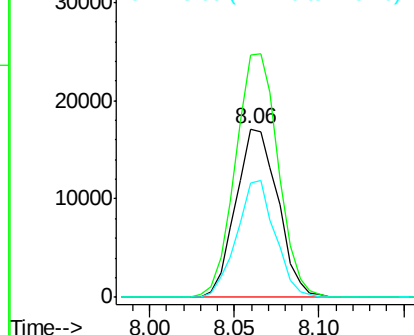
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.06 min Scan# 812
 Delta R.T. -0.02 min
 Lab File: BG035509.D
 Acq: 29 Jun 2018 11:42

Instrument :
 BNA_G
 ClientSampleId :
 PB110463BL

Tgt Ion:152 Resp: 29653
 Ion Ratio Lower Upper
 152 100
 150 143.8 126.6 189.8
 115 68.0 53.0 79.4

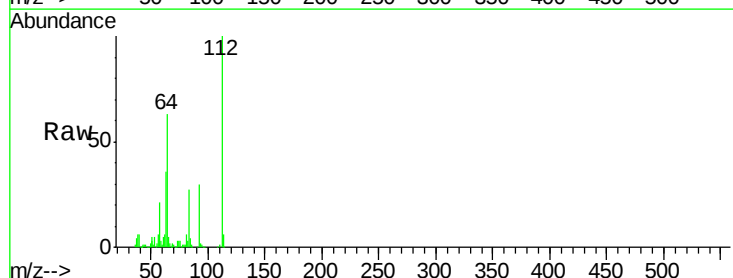


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

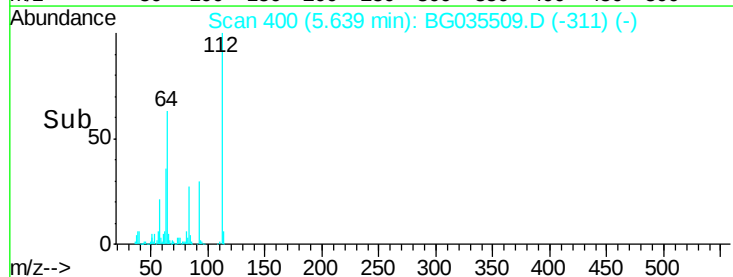
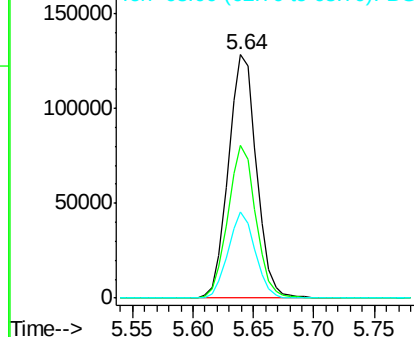


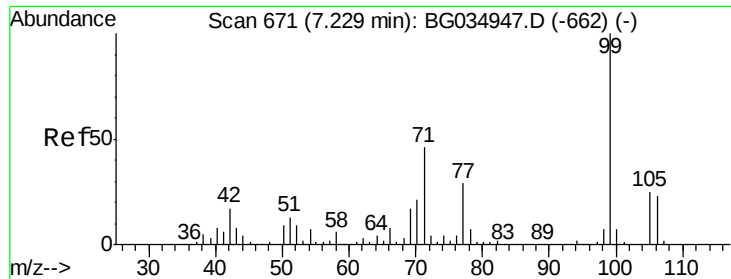
#5
 2-Fluorophenol
 Concen: 118.003 ng
 RT: 5.64 min Scan# 400
 Delta R.T. -0.00 min
 Lab File: BG035509.D
 Acq: 29 Jun 2018 11:42

Tgt Ion:112 Resp: 207343
 Ion Ratio Lower Upper
 112 100
 64 62.8 56.3 84.5
 63 35.6 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: 119.369 ng

RT: 7.23 min Scan# 670

Delta R.T. 0.00 min

Lab File: BG035509.D

Acq: 29 Jun 2018 11:42

Instrument :

BNA_G

ClientSampleId :

PB110463BL

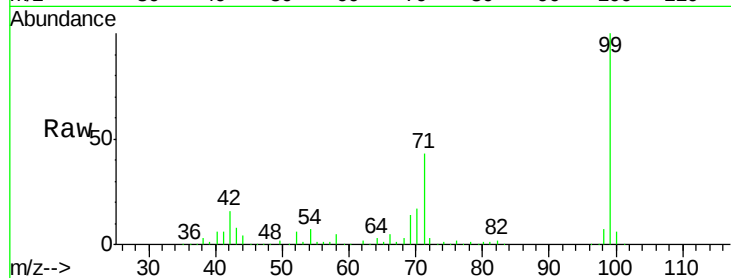
Tgt Ion: 99 Resp: 309569

Ion Ratio Lower Upper

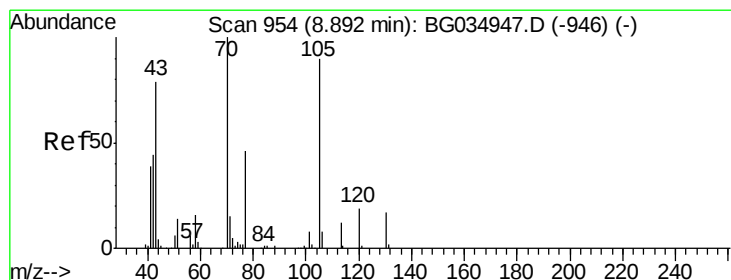
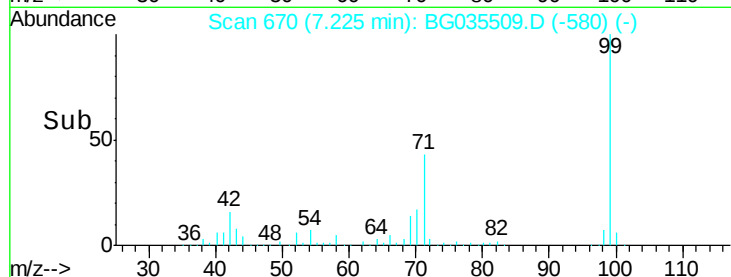
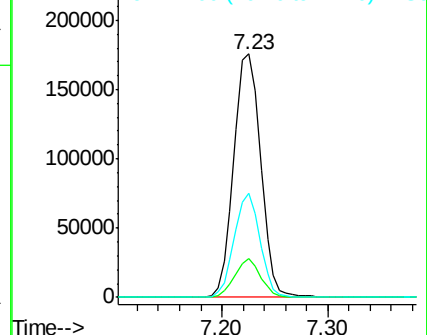
99 100

42 15.8 14.1 21.1

71 42.9 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: 12.190 ng

RT: 9.22 min Scan# 1010

Delta R.T. 0.34 min

Lab File: BG035509.D

Acq: 29 Jun 2018 11:42

Tgt Ion: 70 Resp: 26859

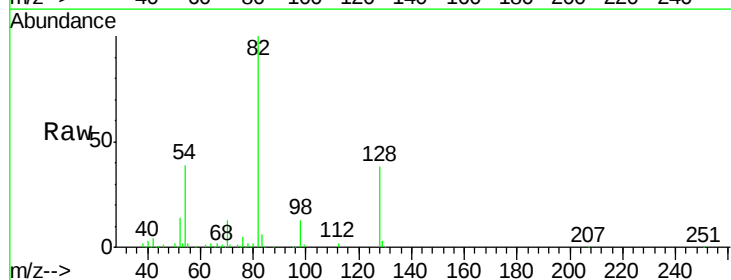
Ion Ratio Lower Upper

70 100

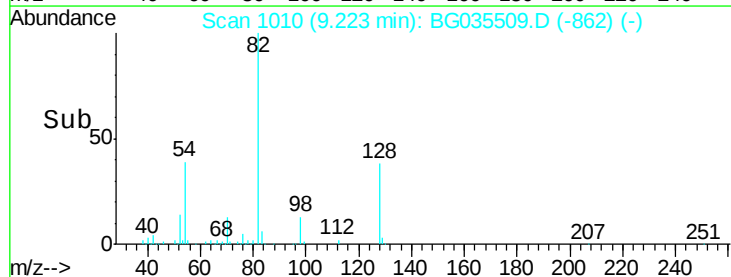
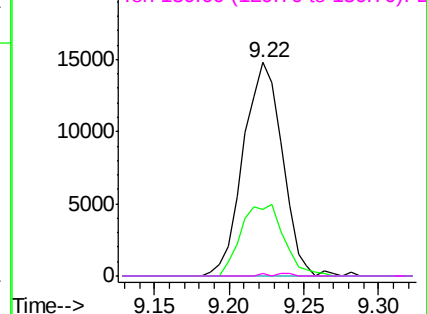
42 31.4 49.1 73.7#

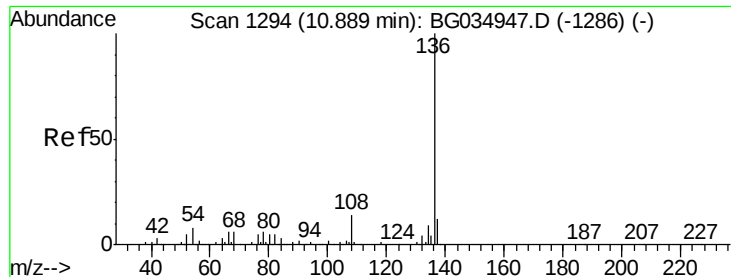
101 0.0 8.5 12.7#

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

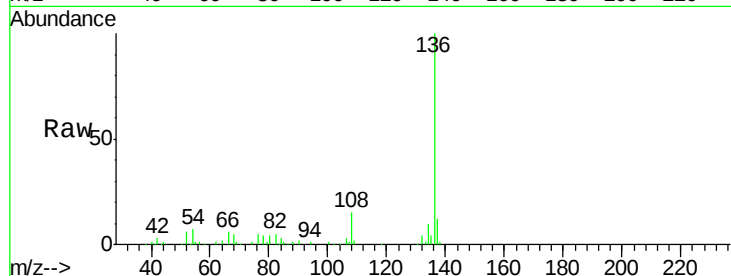




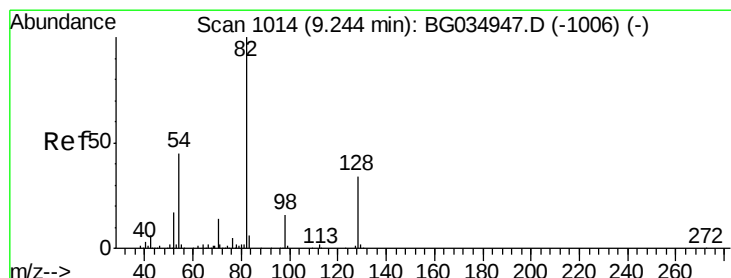
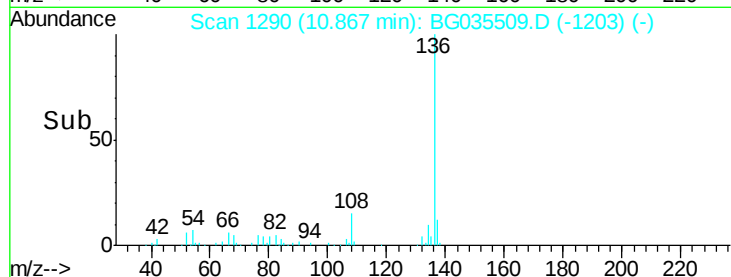
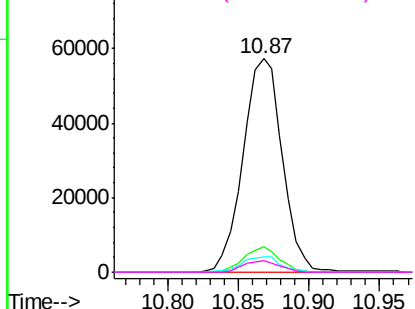
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BG035509.D
Acq: 29 Jun 2018 11:42

Instrument :
BNA_G
ClientSampleId :
PB110463BL

Tgt Ion:	136	Resp:	111526
Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.2	13.8
54	7.4	10.3	15.5#
68	5.2	4.5	6.7

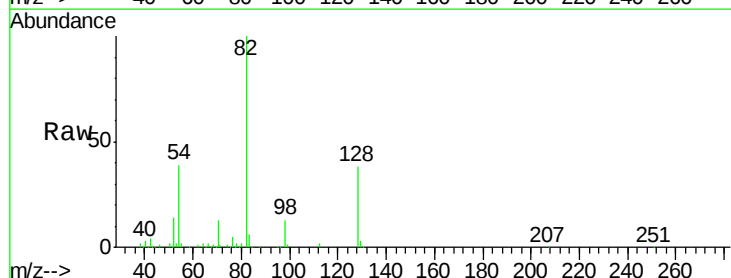


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

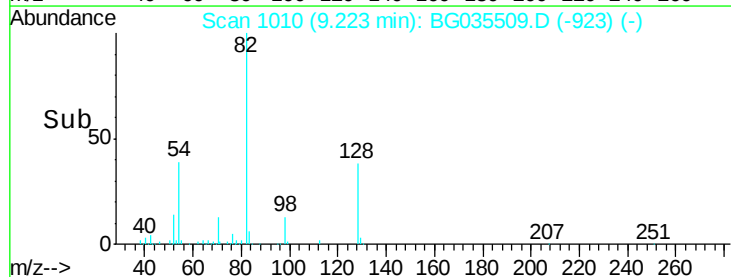
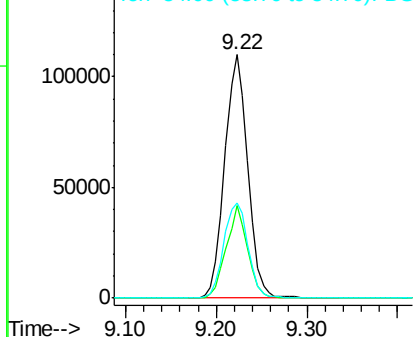


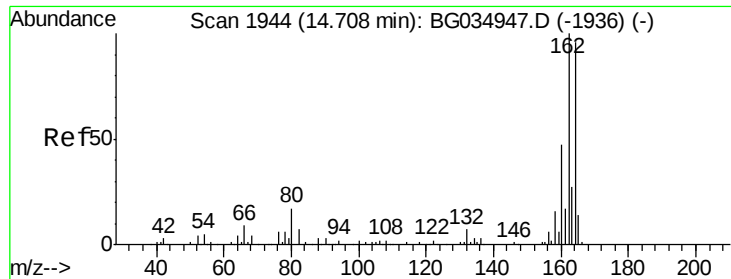
#23
Nitrobenzene-d5
Concen: 82.836 ng
RT: 9.22 min Scan# 1010
Delta R.T. -0.02 min
Lab File: BG035509.D
Acq: 29 Jun 2018 11:42

Tgt Ion:	82	Resp:	194352
Ion	Ratio	Lower	Upper
82	100		
128	37.8	29.7	44.5
54	39.2	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# 1939

Delta R.T. -0.02 min

Lab File: BG035509.D

Acq: 29 Jun 2018 11:42

Instrument :

BNA_G

ClientSampleId :

PB110463BL

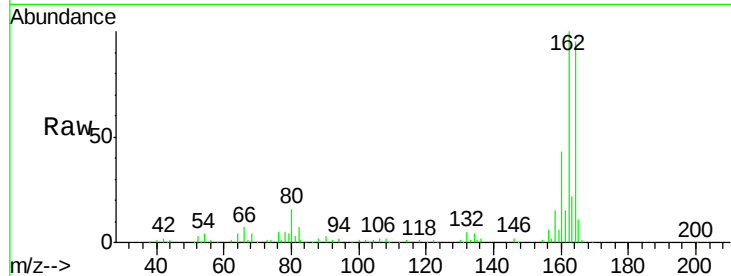
Tgt Ion:164 Resp: 84130

Ion Ratio Lower Upper

164 100

162 105.1 78.8 118.2

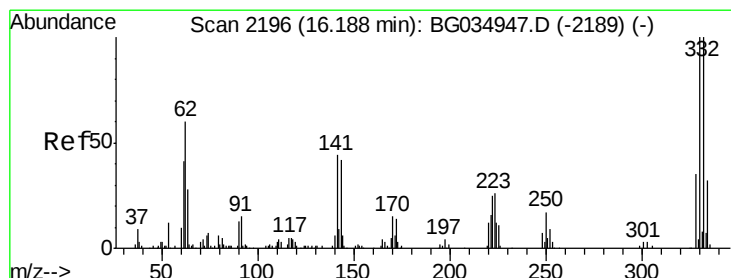
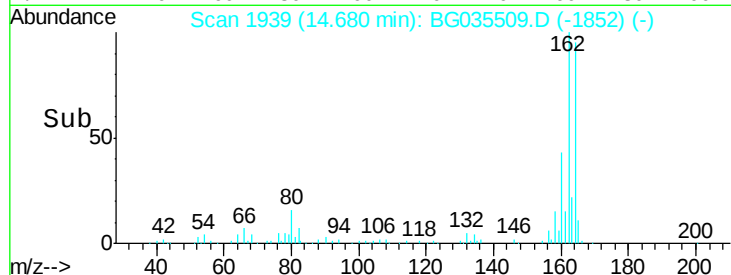
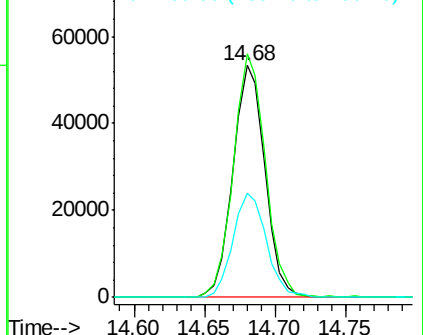
160 44.8 35.4 53.0



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: 139.987 ng

RT: 16.17 min Scan# 2192

Delta R.T. -0.02 min

Lab File: BG035509.D

Acq: 29 Jun 2018 11:42

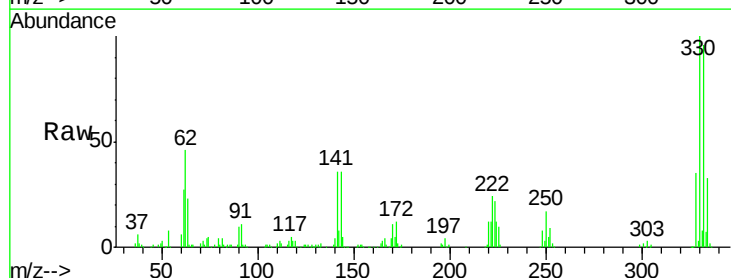
Tgt Ion:330 Resp: 150762

Ion Ratio Lower Upper

330 100

332 95.3 77.0 115.6

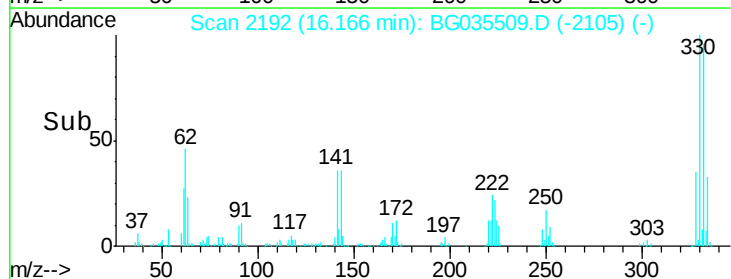
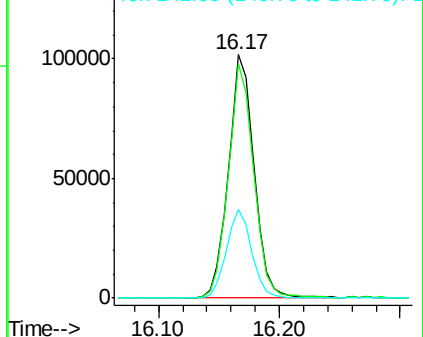
141 35.6 25.2 37.8

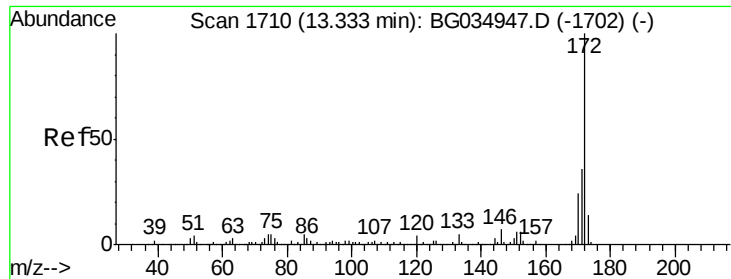


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

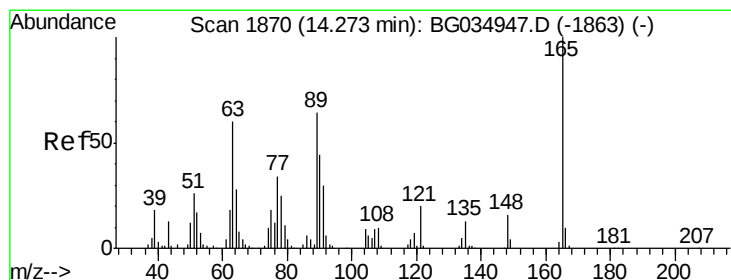
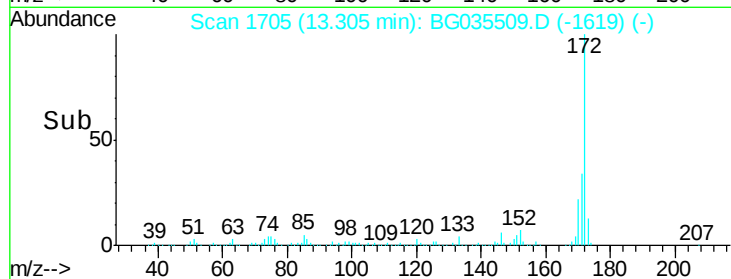
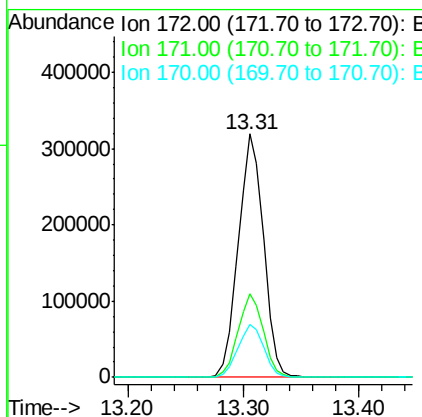
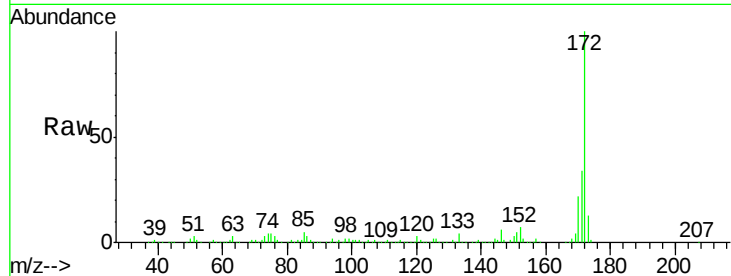




#44
 2-Fluorobiphenyl
 Concen: 74.847 ng
 RT: 13.31 min Scan# 1705
 Delta R.T. -0.02 min
 Lab File: BG035509.D
 Acq: 29 Jun 2018 11:42

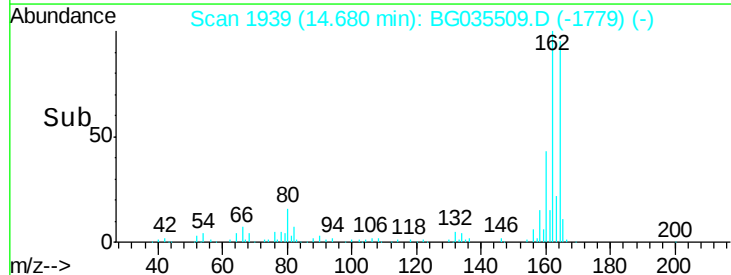
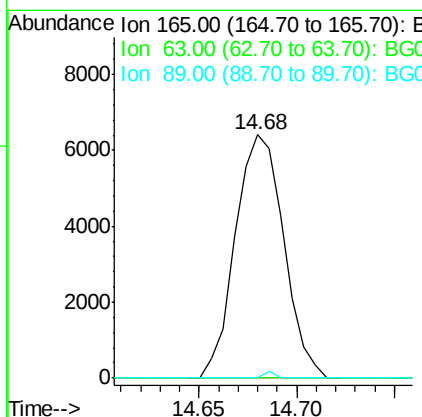
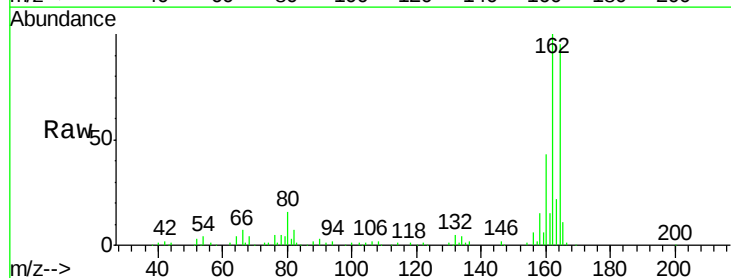
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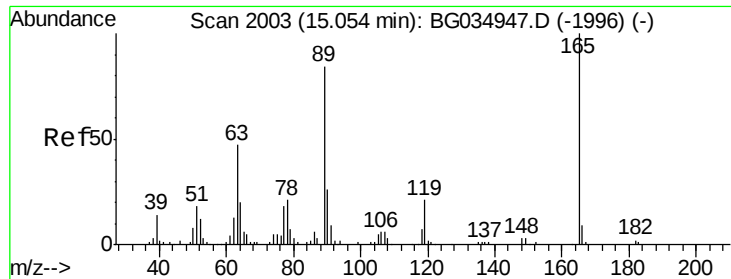
Tgt Ion:172 Resp: 484378
 Ion Ratio Lower Upper
 172 100
 171 34.3 30.0 45.0
 170 22.0 19.5 29.3



#50
 2,6-Dinitrotoluene
 Concen: 8.198 ng
 RT: 14.68 min Scan# 1939
 Delta R.T. 0.41 min
 Lab File: BG035509.D
 Acq: 29 Jun 2018 11:42

Tgt Ion:165 Resp: 10972
 Ion Ratio Lower Upper
 165 100
 63 0.0 52.7 79.1#
 89 0.0 49.2 73.8#

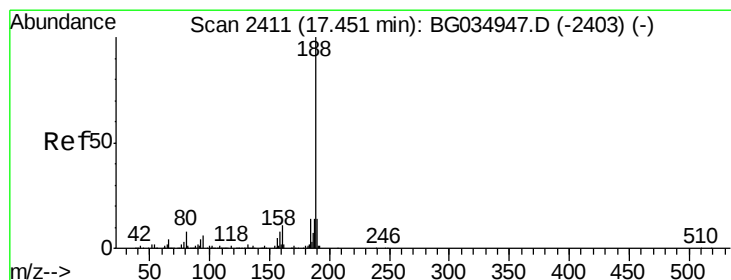
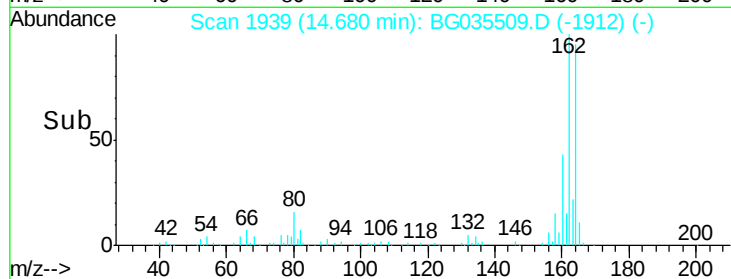
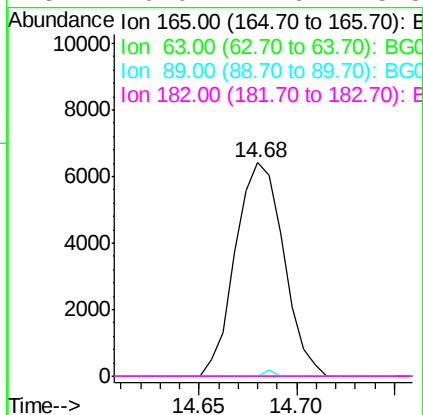
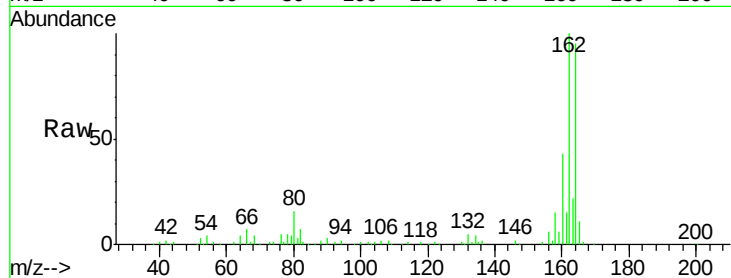




#56
 2,4-Dinitrotoluene
 Concen: 6.171 ng
 RT: 14.68 min Scan# 1939
 Delta R.T. -0.37 min
 Lab File: BG035509.D
 Acq: 29 Jun 2018 11:42

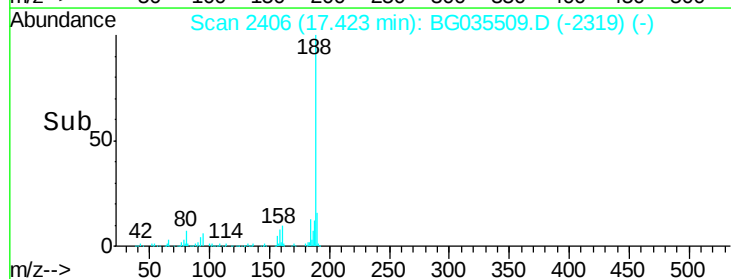
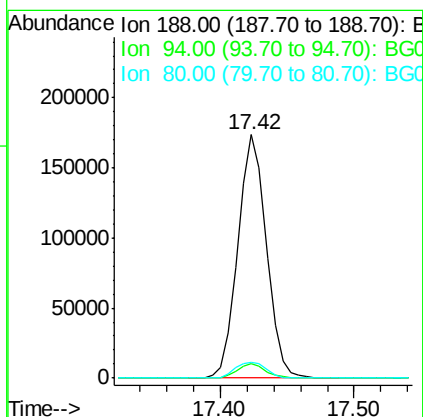
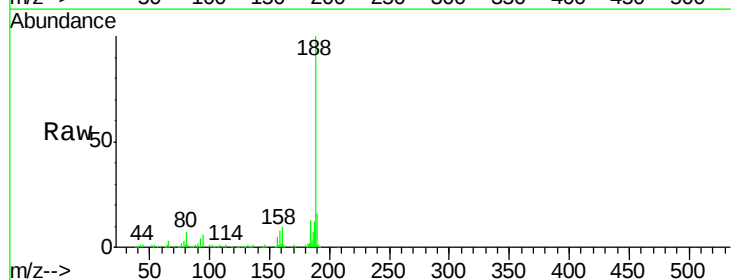
Instrument :
 BNA_G
 ClientSampleId :
 PB110463BL

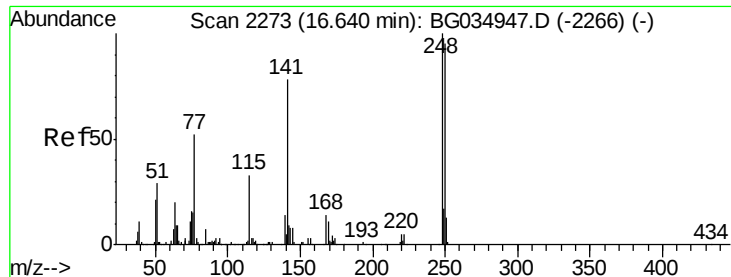
Tgt Ion:	165	Resp:	10972
Ion	Ratio	Lower	Upper
165	100		
63	0.0	42.0	63.0#
89	0.0	66.9	100.3#
182	0.0	2.6	3.8#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2406
 Delta R.T. -0.02 min
 Lab File: BG035509.D
 Acq: 29 Jun 2018 11:42

Tgt Ion:	188	Resp:	257187
Ion	Ratio	Lower	Upper
188	100		
94	5.8	6.9	10.3#
80	6.7	7.7	11.5#

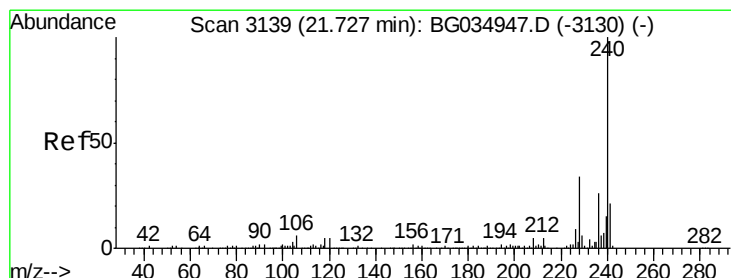
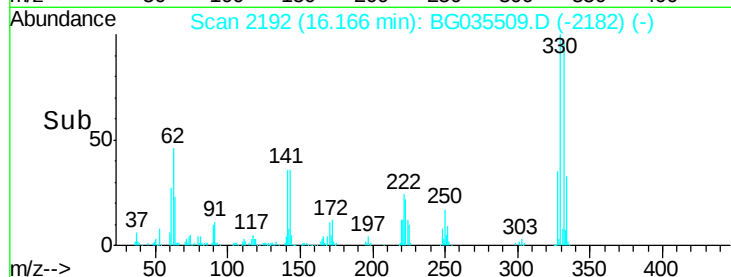
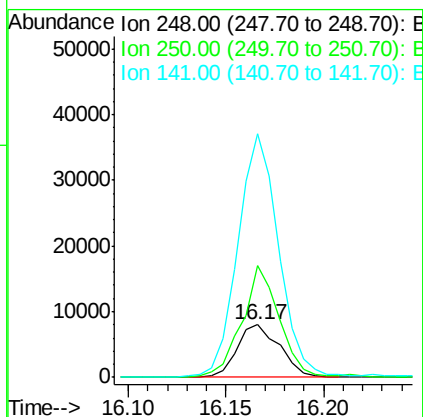
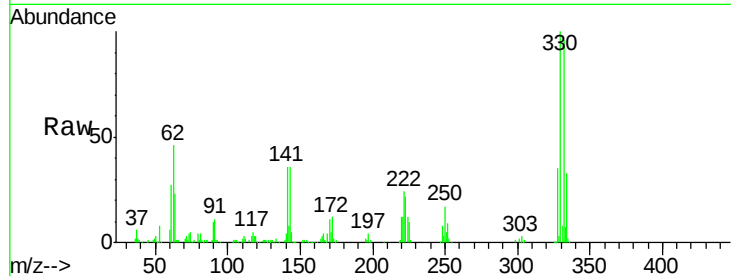




#66
4-Bromophenyl-phenylether
Concen: 3.857 ng
RT: 16.17 min Scan# 2192
Delta R.T. -0.47 min
Lab File: BG035509.D
Acq: 29 Jun 2018 11:42

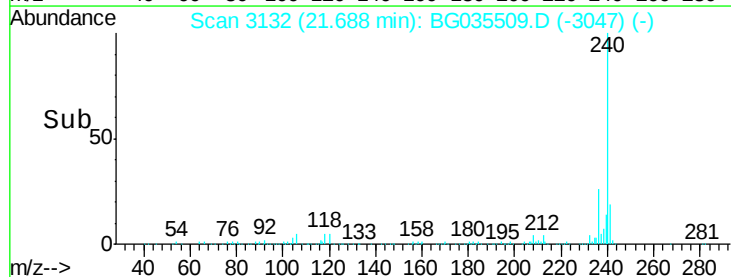
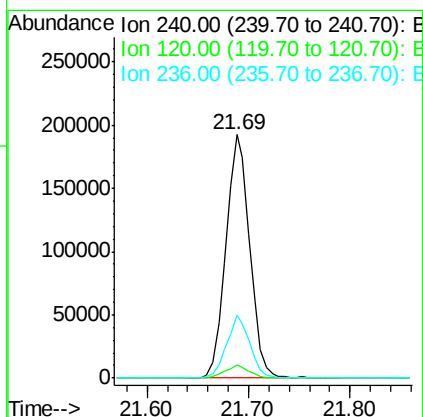
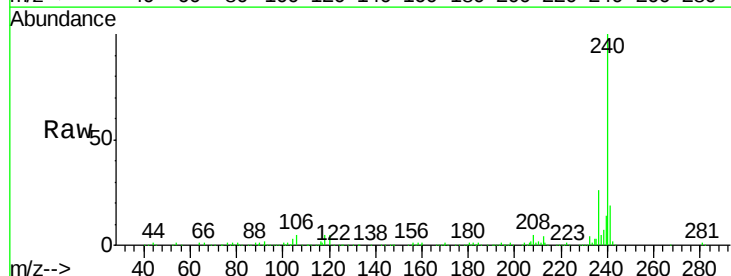
Instrument :
BNA_G
ClientSampleId :
PB110463BL

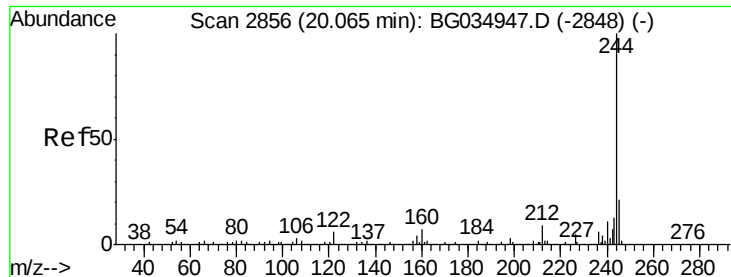
Tgt Ion:248 Resp: 11947
Ion Ratio Lower Upper
248 100
250 214.6 77.1 115.7#
141 464.8 50.8 76.2#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3132
Delta R.T. -0.03 min
Lab File: BG035509.D
Acq: 29 Jun 2018 11:42

Tgt Ion:240 Resp: 312585
Ion Ratio Lower Upper
240 100
120 5.2 6.8 10.2#
236 25.8 20.9 31.3





#78

Terphenyl-d14

Concen: 76.148 ng

RT: 20.03 min Scan# 2850

Delta R.T. -0.02 min

Lab File: BG035509.D

Acq: 29 Jun 2018 11:42

Instrument :

BNA_G

ClientSampled :

PB110463BL

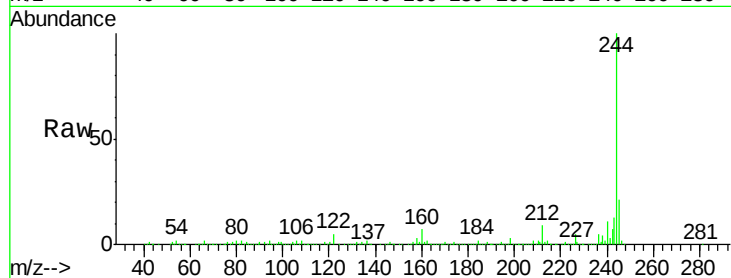
Tgt Ion:244 Resp: 1136340

Ion Ratio Lower Upper

244 100

212 8.7 5.8 8.8

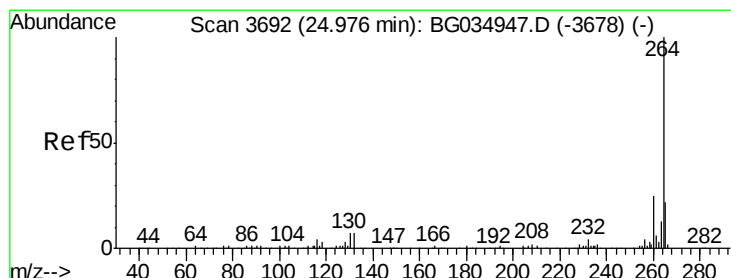
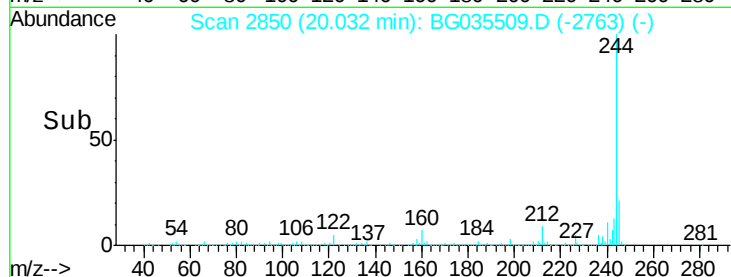
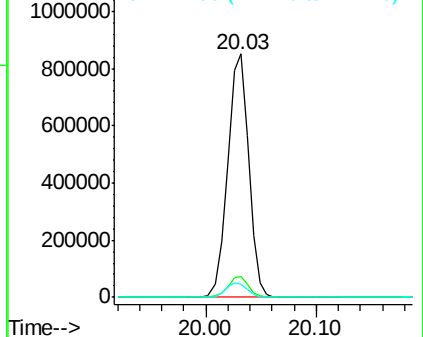
122 5.4 7.0 10.4#



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: 24.91 min Scan# 3681

Delta R.T. -0.04 min

Lab File: BG035509.D

Acq: 29 Jun 2018 11:42

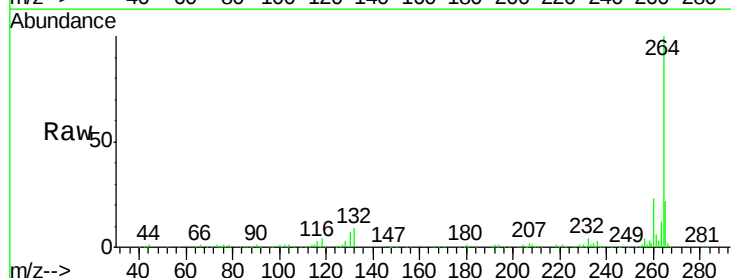
Tgt Ion:264 Resp: 281899

Ion Ratio Lower Upper

264 100

260 23.1 17.4 26.0

265 22.3 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

