

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG061418\
 Data File : BG035162.D
 Acq On : 15 Jun 2018 7:27
 Operator : SJ/JU
 Sample : J3465-02
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-A1-WC-1

Quant Time: Jun 15 08:57:04 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

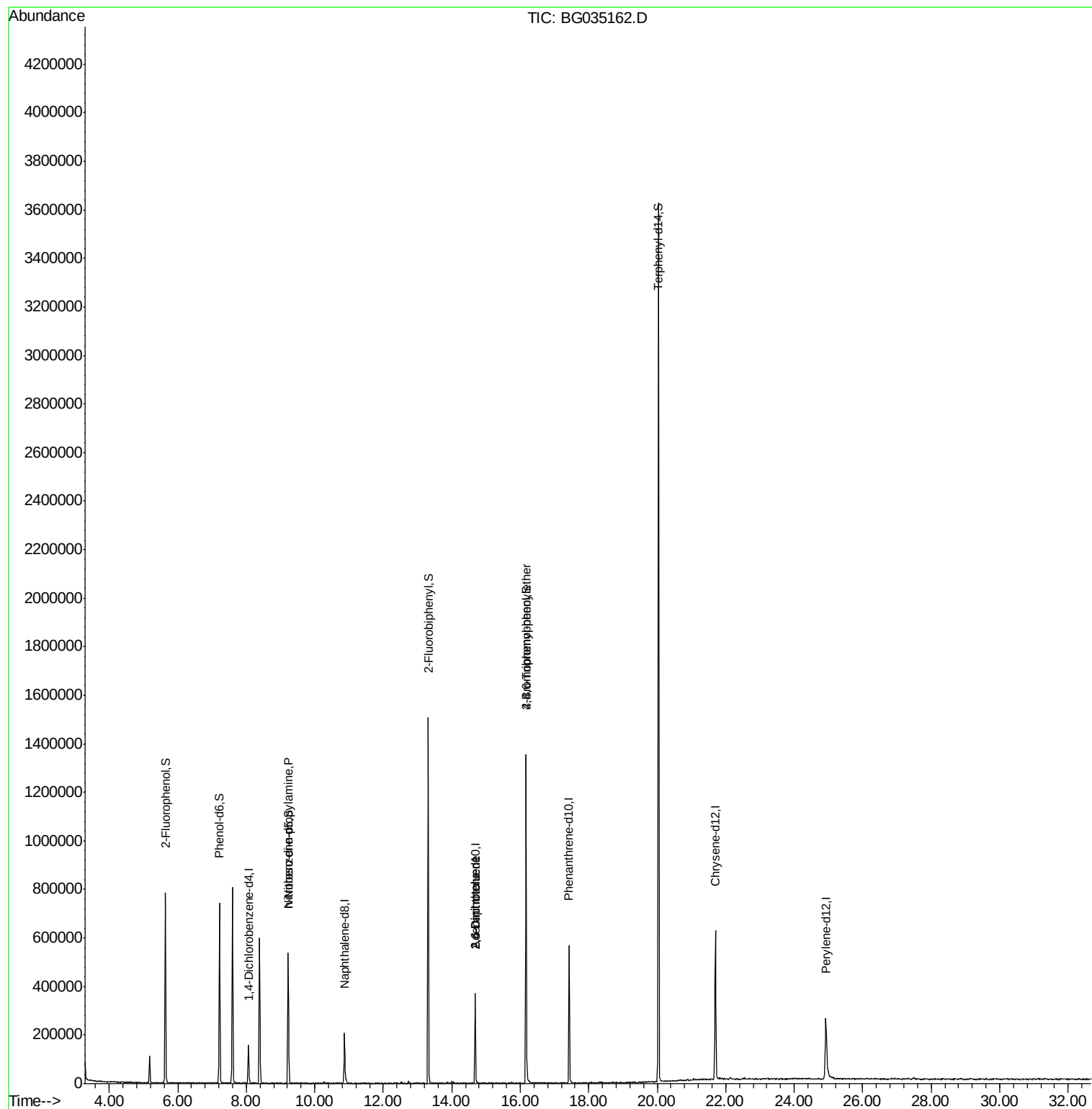
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	45079	20.00	ng	-0.01
21) Naphthalene-d8	10.86	136	175248	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	128463	20.00	ng	-0.01
63) Phenanthrene-d10	17.43	188	372611	20.00	ng	-0.01
75) Chrysene-d12	21.70	240	404739	20.00	ng	-0.02
86) Perylene-d12	24.92	264	338394	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	334260	125.14	ng	0.00
7) Phenol-d6	7.22	99	450086	114.16	ng	0.00
23) Nitrobenzene-d5	9.23	82	359167	97.42	ng	-0.01
41) 2,4,6-Tribromophenol	16.17	330	250210	152.15	ng	-0.01
44) 2-Fluorobiphenyl	13.31	172	839207	84.92	ng	-0.02
78) Terphenyl-d14	20.03	244	1703398	88.16	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.23	70	49584	14.804	ng	# 64
50) 2,6-Dinitrotoluene	14.68	165	18019	8.817	ng	# 22
56) 2,4-Dinitrotoluene	14.68	165	18019	6.637	ng	# 20
66) 4-Bromophenyl-phenylether	16.17	248	19985	4.454	ng	# 1

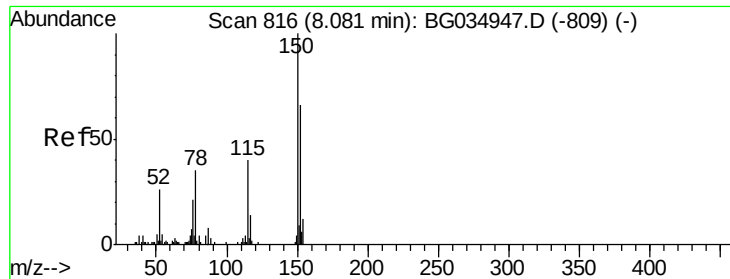
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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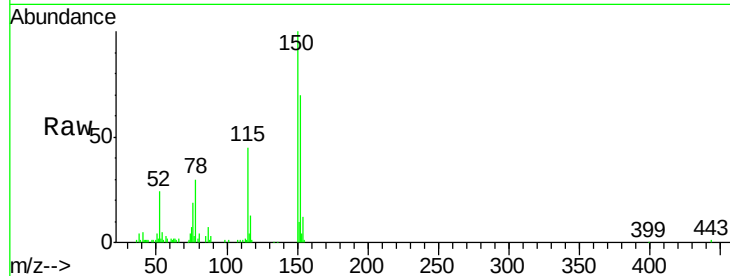


#1

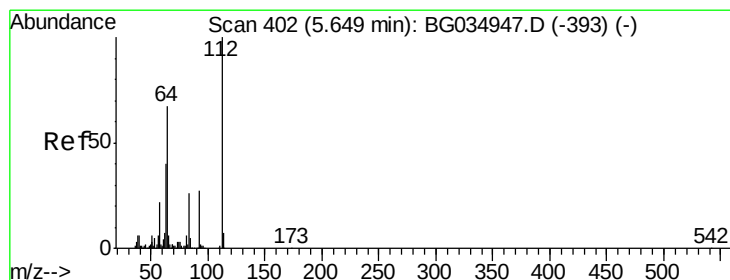
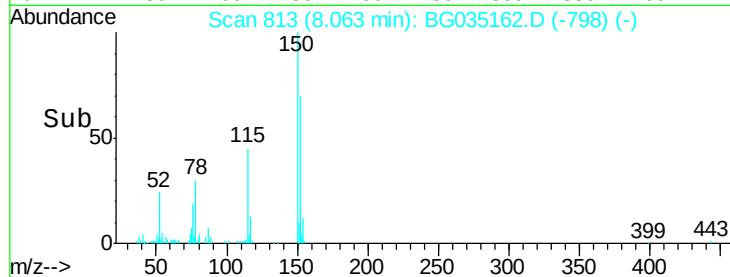
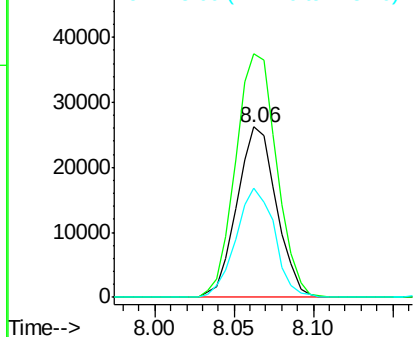
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.06 min Scan# 813
 Delta R.T. -0.01 min
 Lab File: BG035162.D
 Acq: 15 Jun 2018 7:27

Instrument :
 BNA_G
 ClientSampleId :
 TP-A1-WC-1

Tgt Ion:152 Resp: 45079
 Ion Ratio Lower Upper
 152 100
 150 143.1 126.6 189.8
 115 64.0 53.0 79.4



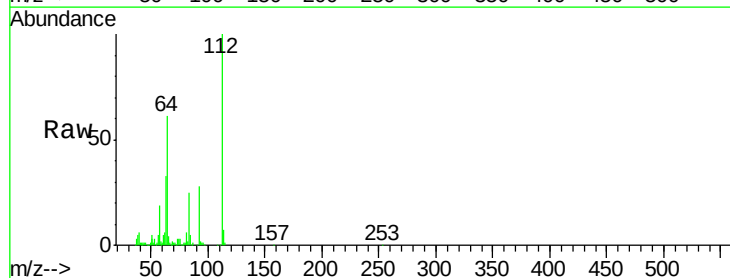
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



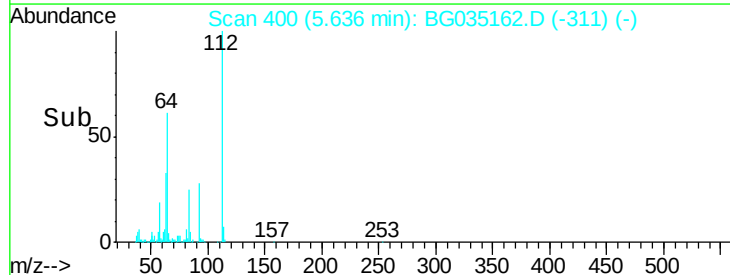
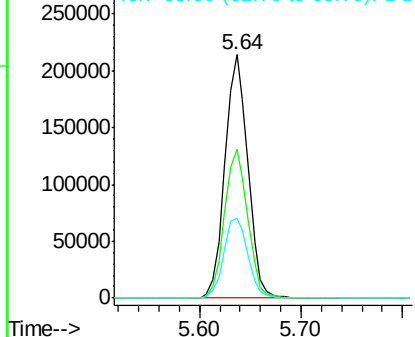
#5

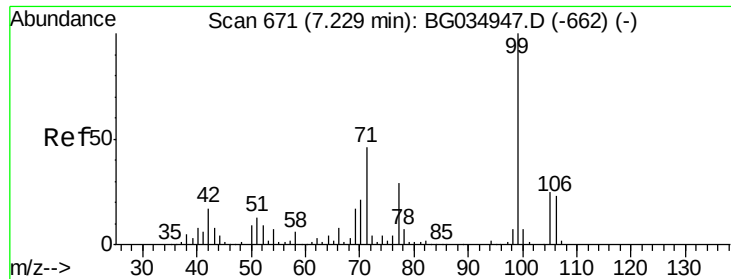
2-Fluorophenol
 Concen: 125.136 ng
 RT: 5.64 min Scan# 400
 Delta R.T. -0.01 min
 Lab File: BG035162.D
 Acq: 15 Jun 2018 7:27

Tgt Ion:112 Resp: 334260
 Ion Ratio Lower Upper
 112 100
 64 61.1 56.3 84.5
 63 32.8 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: 114.163 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG035162.D

Acq: 15 Jun 2018 7:27

Instrument :

BNA_G

ClientSampleId :

TP-A1-WC-1

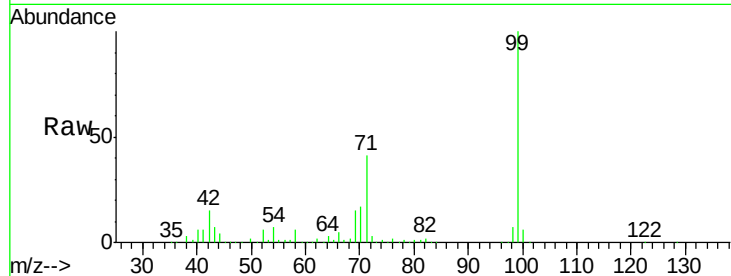
Tgt Ion: 99 Resp: 450086

Ion Ratio Lower Upper

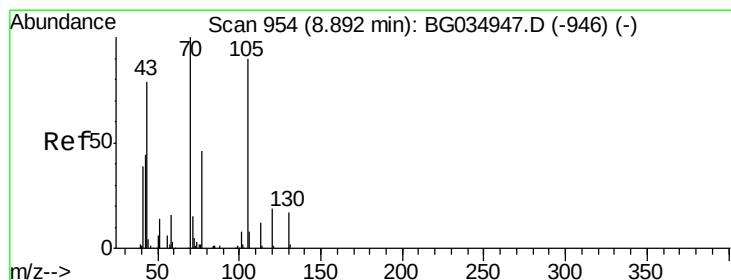
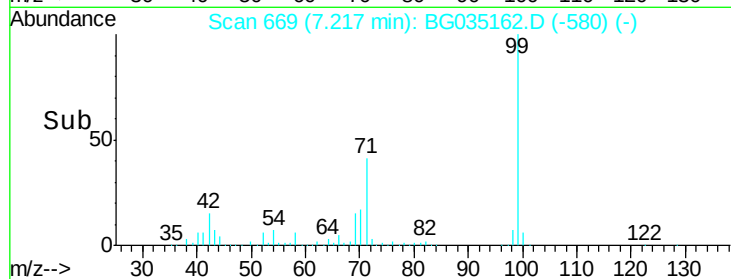
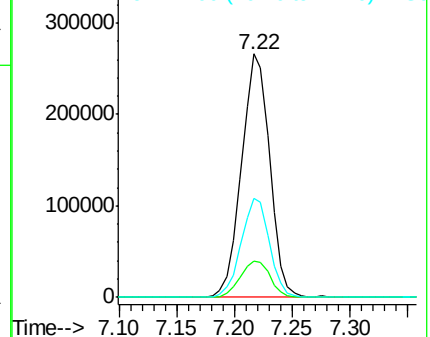
99 100

42 14.8 14.1 21.1

71 40.9 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: 14.804 ng

RT: 9.23 min Scan# 1011

Delta R.T. 0.34 min

Lab File: BG035162.D

Acq: 15 Jun 2018 7:27

Tgt Ion: 70 Resp: 49584

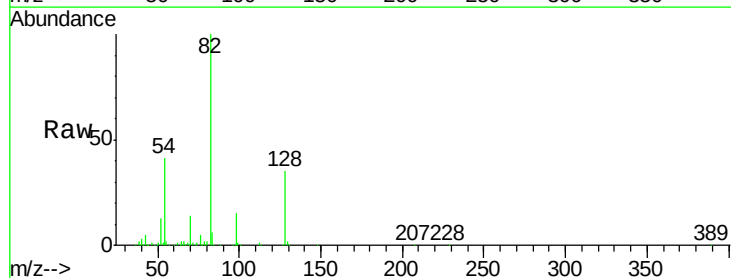
Ion Ratio Lower Upper

70 100

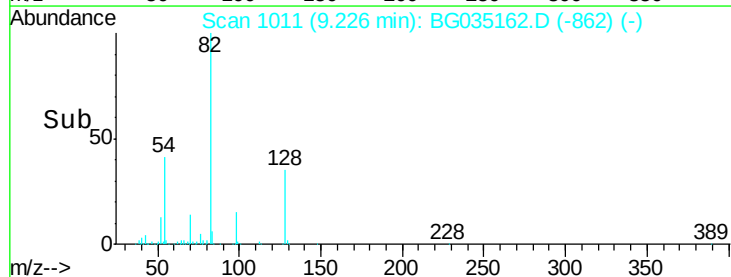
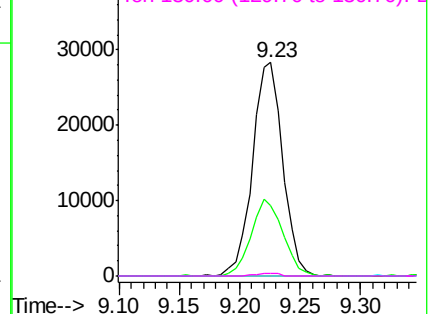
42 32.7 49.1 73.7#

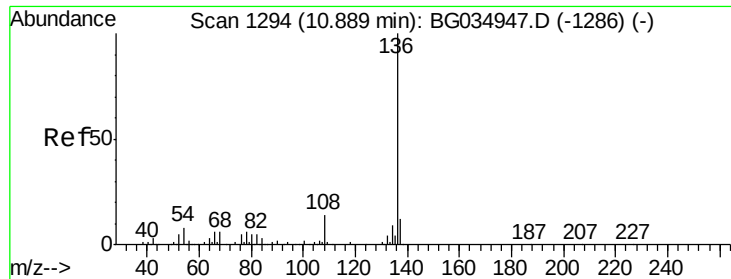
101 0.0 8.5 12.7#

130 1.4 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

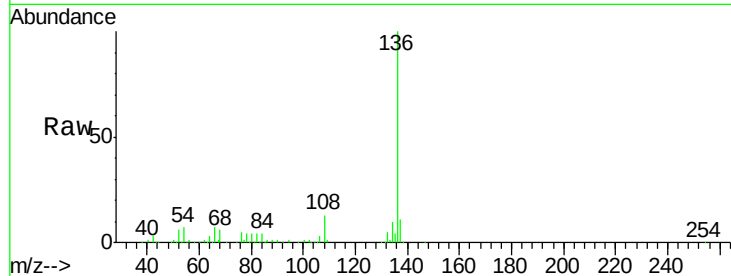




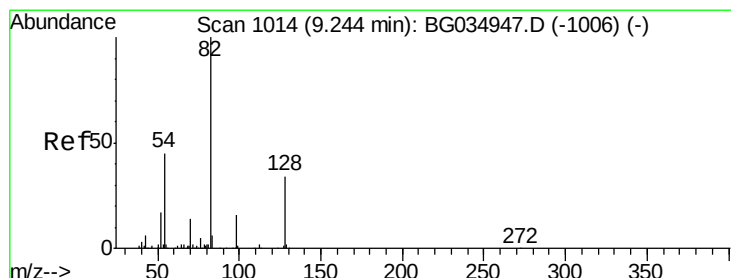
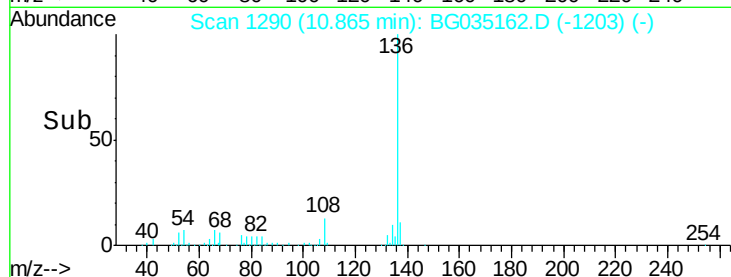
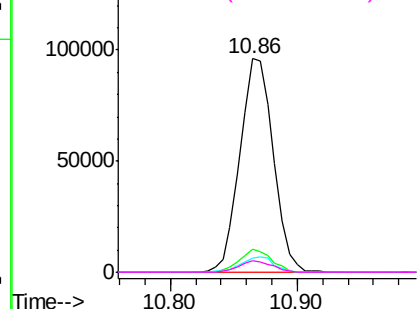
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BG035162.D
Acq: 15 Jun 2018 7:27

Instrument :
BNA_G
ClientSampleId :
TP-A1-WC-1

Tgt Ion:	136	Resp:	175248
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.2	13.8
54	6.9	10.3	15.5#
68	5.6	4.5	6.7

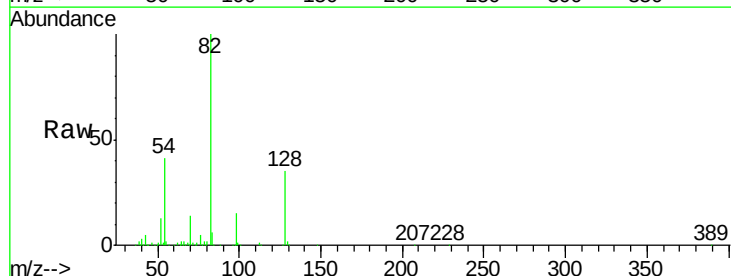


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

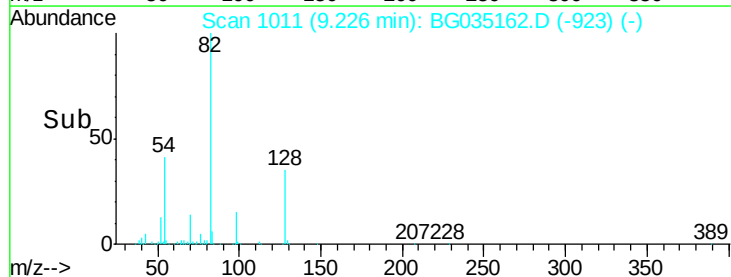
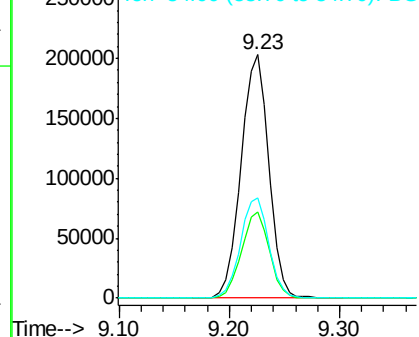


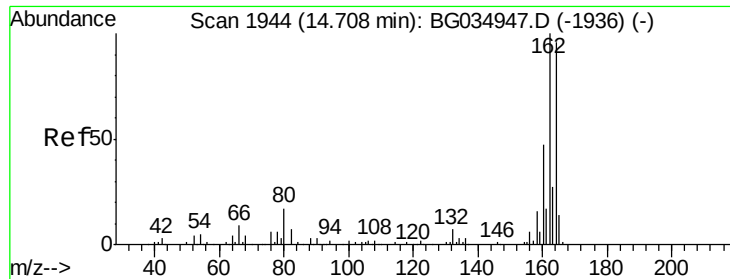
#23
Nitrobenzene-d5
Concen: 97.421 ng
RT: 9.23 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BG035162.D
Acq: 15 Jun 2018 7:27

Tgt Ion:	82	Resp:	359167
Ion	Ratio	Lower	Upper
82	100		
128	35.4	29.7	44.5
54	41.0	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: BG035162.D

Acq: 15 Jun 2018 7:27

Instrument :

BNA_G

ClientSampleId :

TP-A1-WC-1

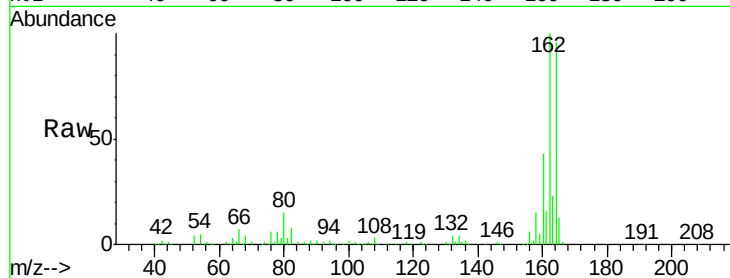
Tgt Ion:164 Resp: 128463

Ion Ratio Lower Upper

164 100

162 104.1 78.8 118.2

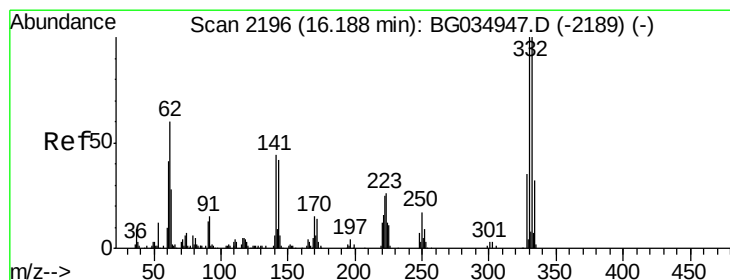
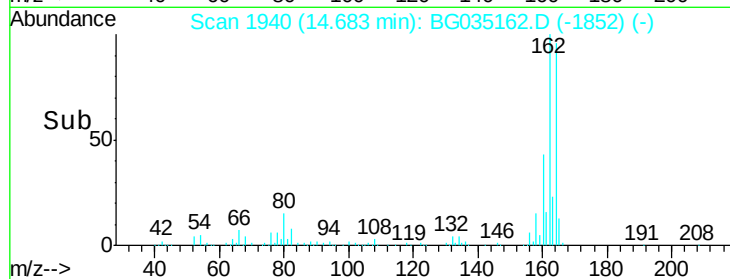
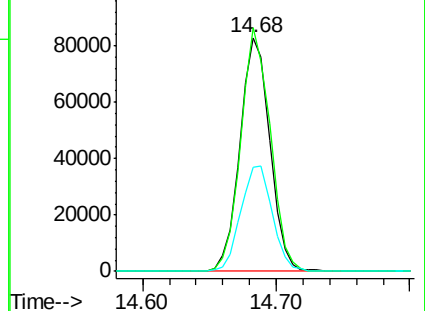
160 44.3 35.4 53.0



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: 152.151 ng

RT: 16.17 min Scan# 2193

Delta R.T. -0.01 min

Lab File: BG035162.D

Acq: 15 Jun 2018 7:27

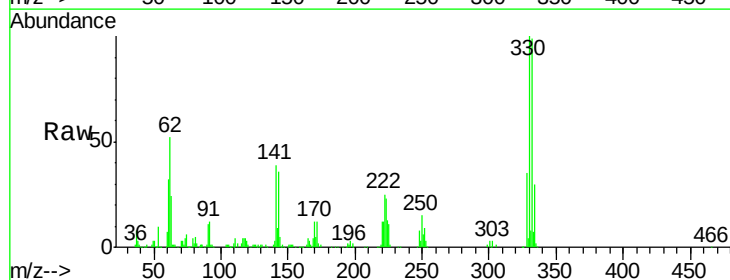
Tgt Ion:330 Resp: 250210

Ion Ratio Lower Upper

330 100

332 98.7 77.0 115.6

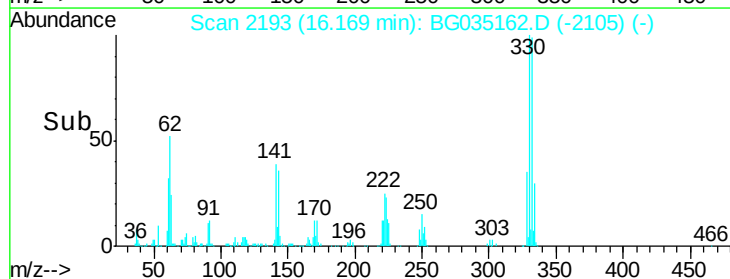
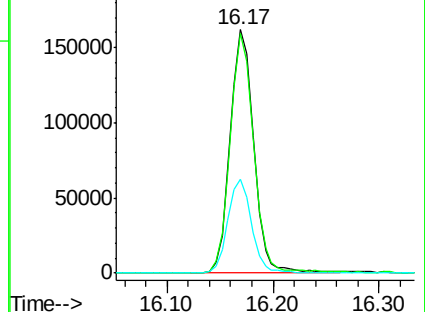
141 38.8 25.2 37.8#

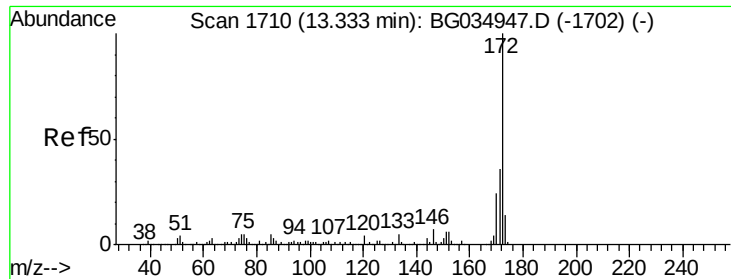


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

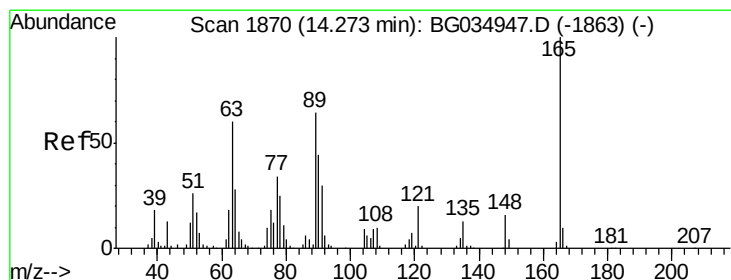
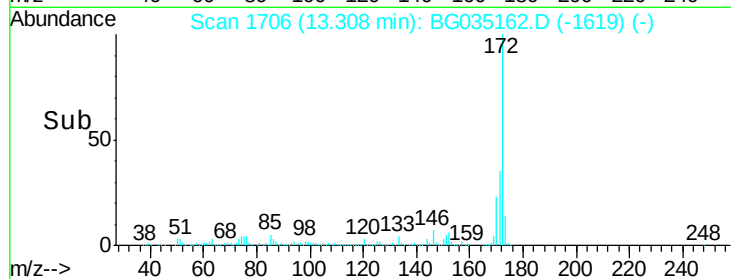
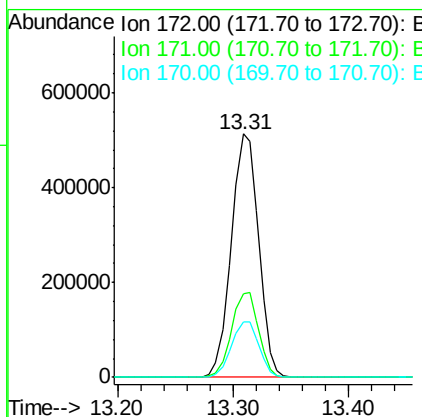
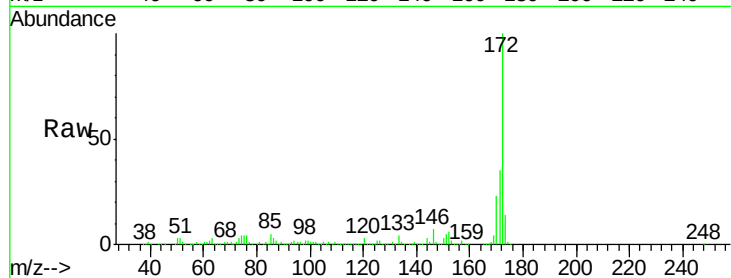




#44
 2-Fluorobiphenyl
 Concen: 84.925 ng
 RT: 13.31 min Scan# 1706
 Delta R.T. -0.02 min
 Lab File: BG035162.D
 Acq: 15 Jun 2018 7:27

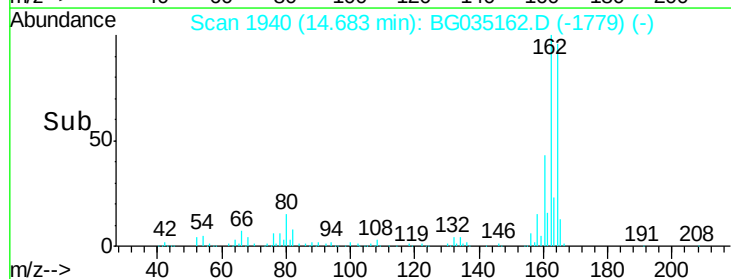
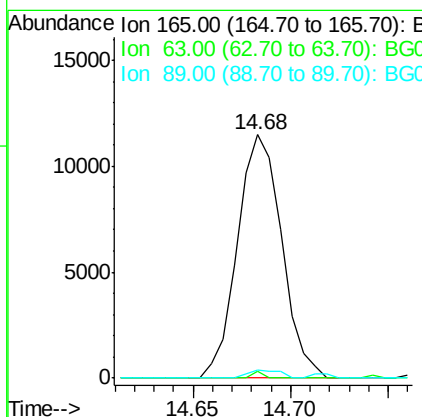
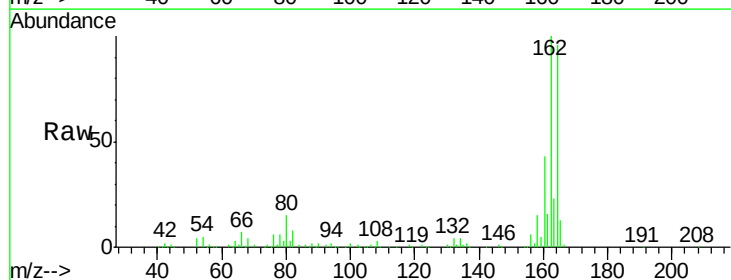
Instrument :
 BNA_G
 ClientSampleId :
 TP-A1-WC-1

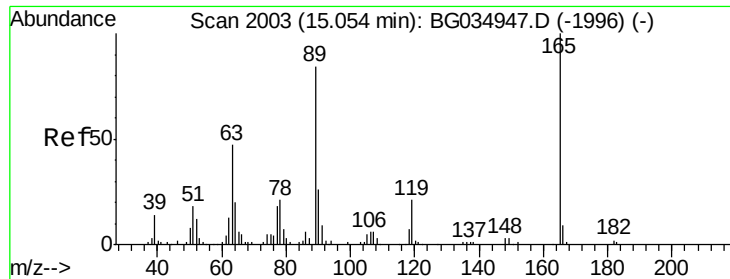
Tgt Ion:172 Resp: 839207
 Ion Ratio Lower Upper
 172 100
 171 34.5 30.0 45.0
 170 23.0 19.5 29.3



#50
 2,6-Dinitrotoluene
 Concen: 8.817 ng
 RT: 14.68 min Scan# 1940
 Delta R.T. 0.42 min
 Lab File: BG035162.D
 Acq: 15 Jun 2018 7:27

Tgt Ion:165 Resp: 18019
 Ion Ratio Lower Upper
 165 100
 63 2.9 52.7 79.1#
 89 3.3 49.2 73.8#

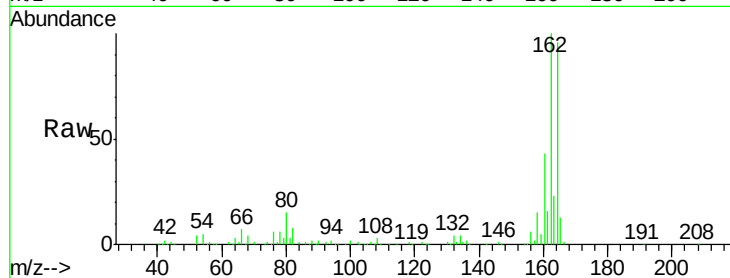




#56
 2,4-Dinitrotoluene
 Concen: 6.637 ng
 RT: 14.68 min Scan# 1940
 Delta R.T. -0.37 min
 Lab File: BG035162.D
 Acq: 15 Jun 2018 7:27

Instrument :
 BNA_G
 ClientSampleId :
 TP-A1-WC-1

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.9	42.0	63.0#
89	3.3	66.9	100.3#
182	0.0	2.6	3.8#

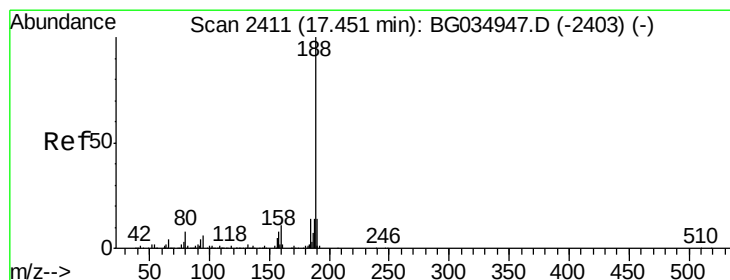
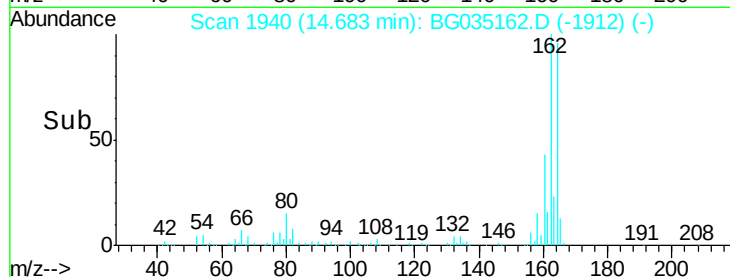
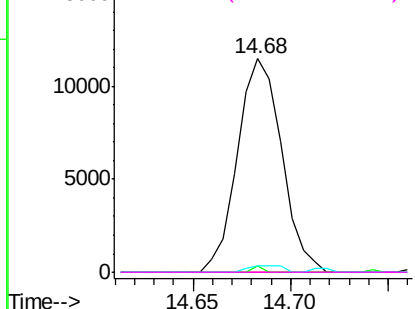


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

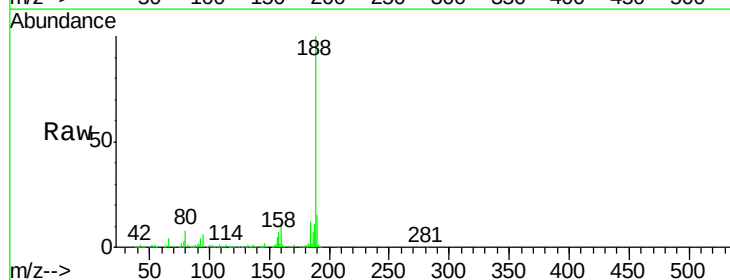
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.43 min Scan# 2407
 Delta R.T. -0.01 min
 Lab File: BG035162.D
 Acq: 15 Jun 2018 7:27

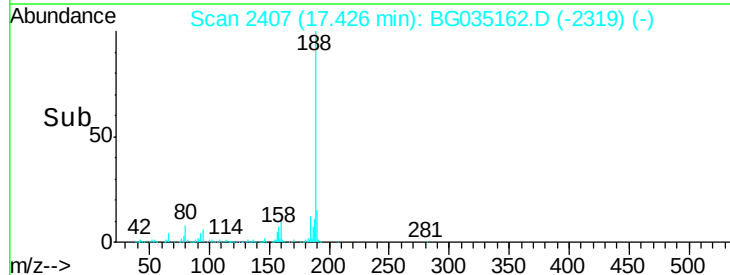
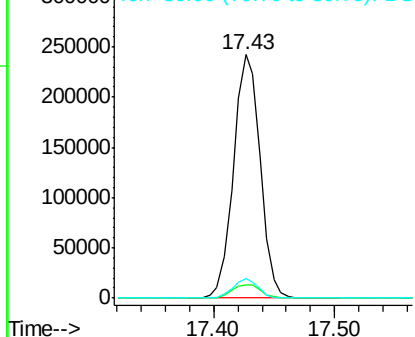
Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.7	6.9	10.3#
80	7.8	7.7	11.5

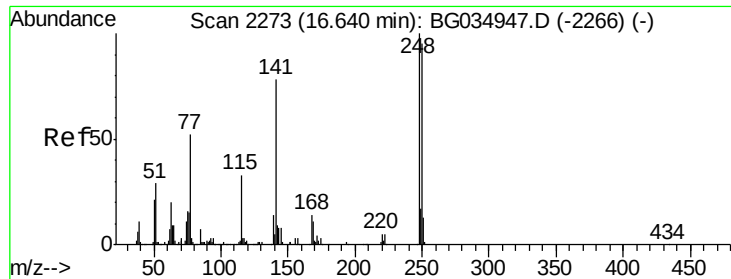


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

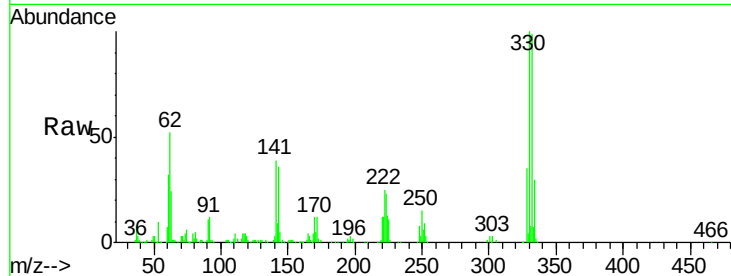




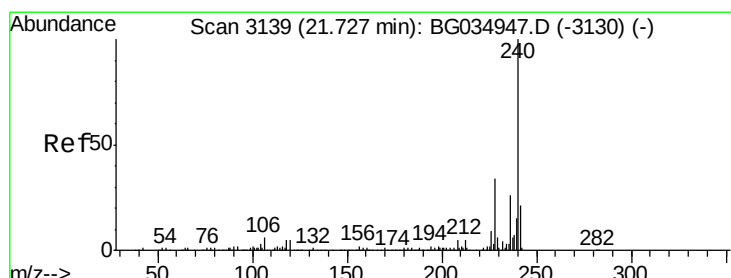
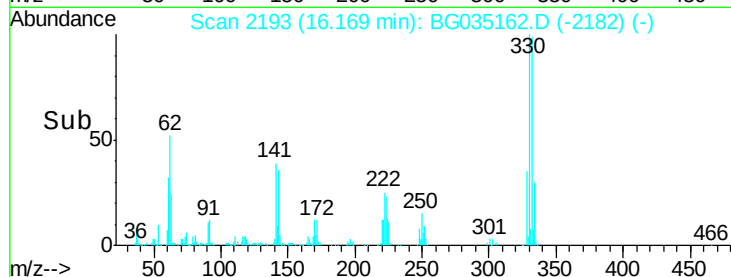
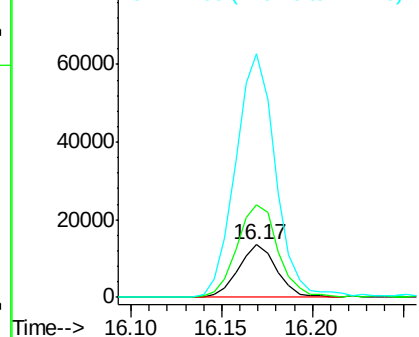
#66
 4-Bromophenyl-phenylether
 Concen: 4.454 ng
 RT: 16.17 min Scan# 2193
 Delta R.T. -0.47 min
 Lab File: BG035162.D
 Acq: 15 Jun 2018 7:27

Instrument :
 BNA_G
 ClientSampleId :
 TP-A1-WC-1

Tgt Ion: 248 Resp: 19985
 Ion Ratio Lower Upper
 248 100
 250 175.5 77.1 115.7#
 141 462.8 50.8 76.2#

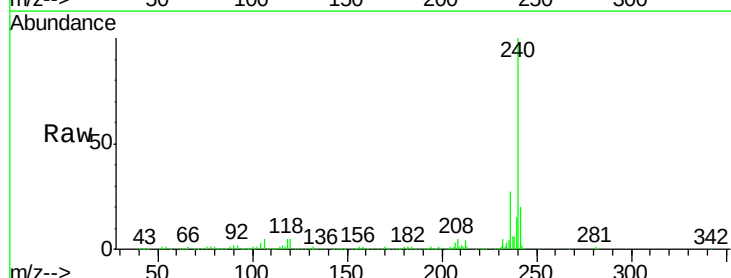


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

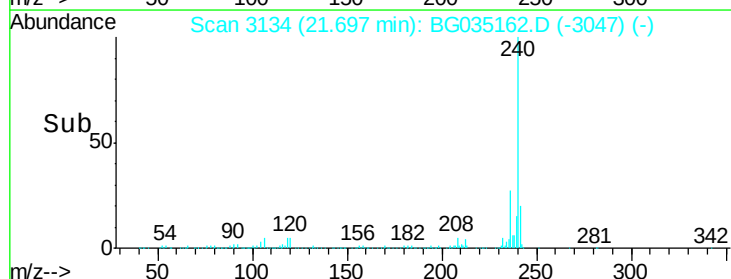
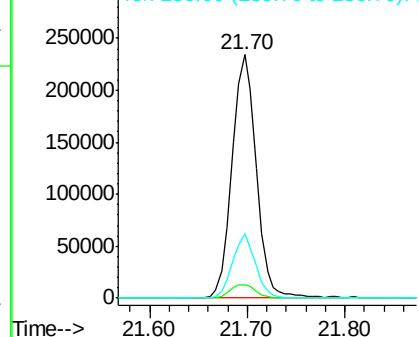


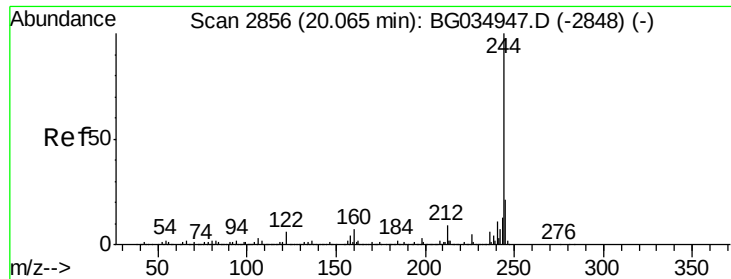
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.70 min Scan# 3134
 Delta R.T. -0.02 min
 Lab File: BG035162.D
 Acq: 15 Jun 2018 7:27

Tgt Ion: 240 Resp: 404739
 Ion Ratio Lower Upper
 240 100
 120 5.2 6.8 10.2#
 236 26.7 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: 88.157 ng

RT: 20.03 min Scan# 2851

Delta R.T. -0.01 min

Lab File: BG035162.D

Acq: 15 Jun 2018 7:27

Instrument :

BNA_G

ClientSampleId :

TP-A1-WC-1

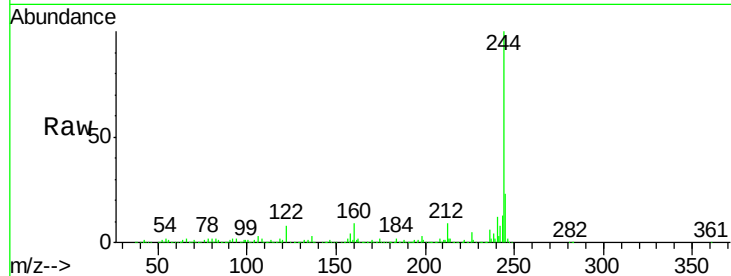
Tgt Ion:244 Resp: 1703398

Ion Ratio Lower Upper

244 100

212 9.5 5.8 8.8#

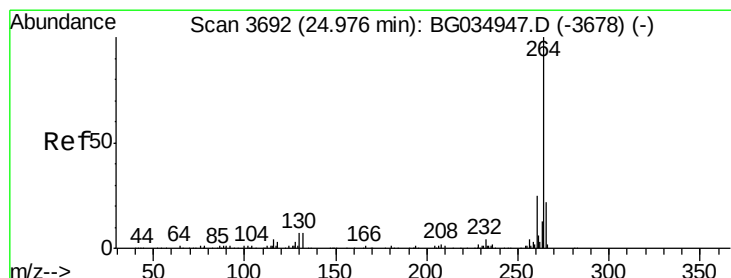
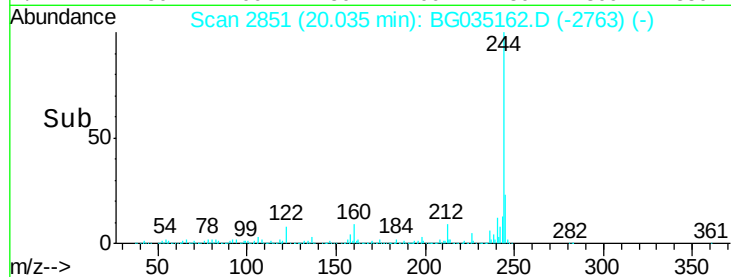
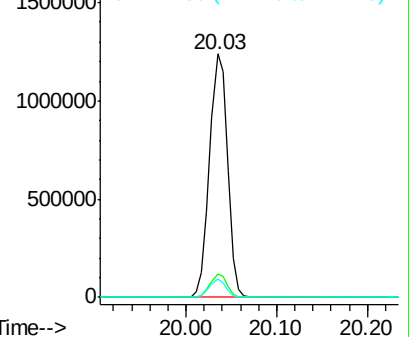
122 7.5 7.0 10.4



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# 3683

Delta R.T. -0.03 min

Lab File: BG035162.D

Acq: 15 Jun 2018 7:27

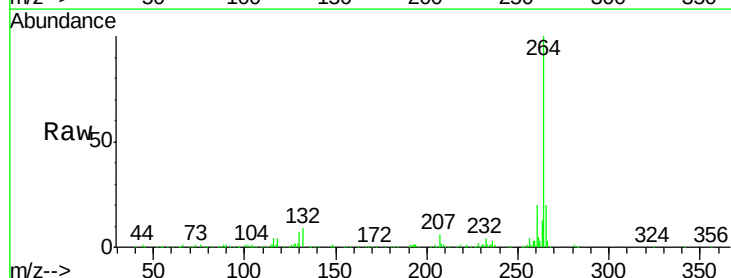
Tgt Ion:264 Resp: 338394

Ion Ratio Lower Upper

264 100

260 20.2 17.4 26.0

265 19.9 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

