

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070218\
 Data File : BG035568.D
 Acq On : 3 Jul 2018 2:09
 Operator : JU/SJ
 Sample : PB110762BL
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 03 04:51:03 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

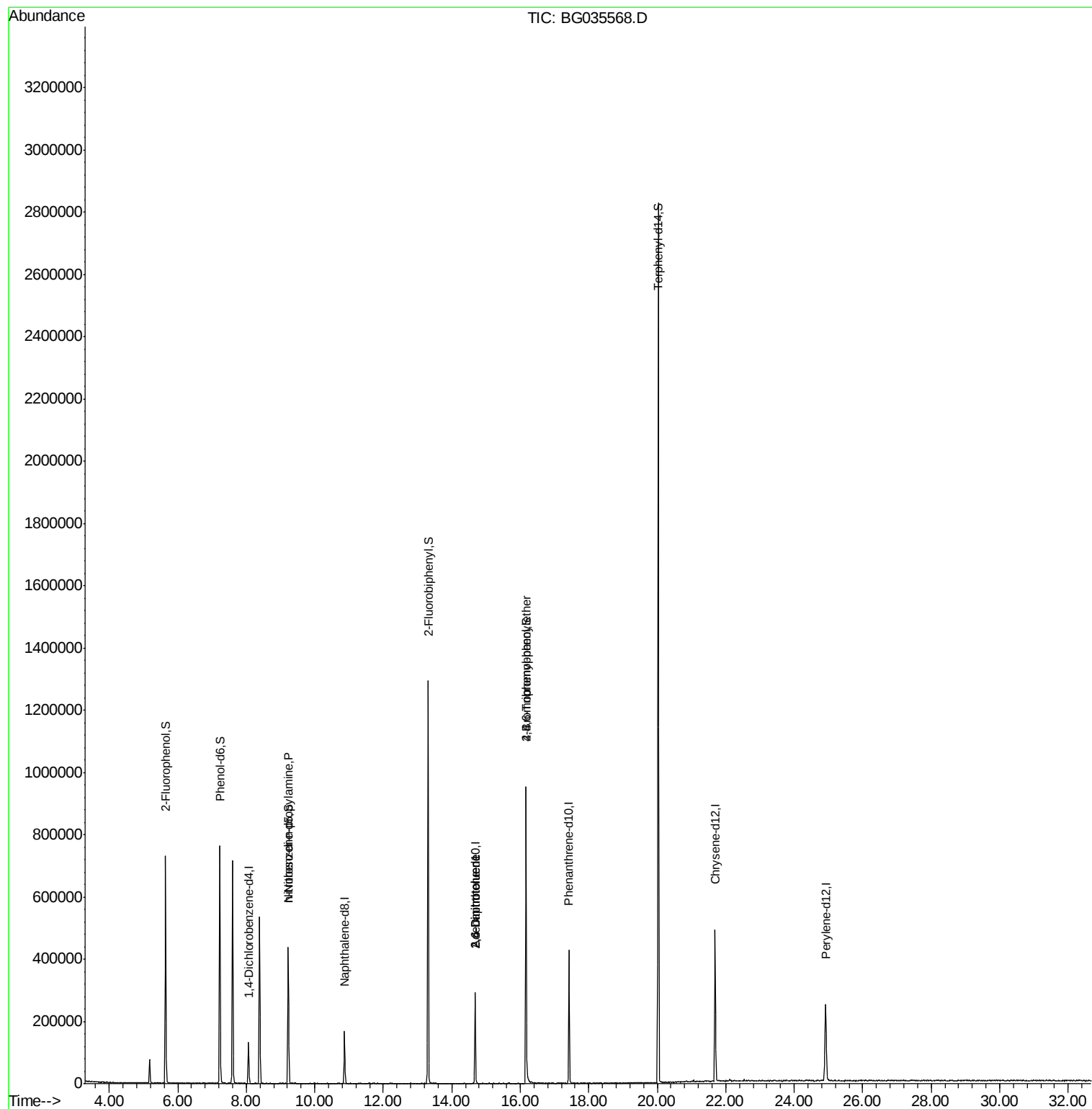
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	37651	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	136846	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	101512	20.00	ng	-0.01
63) Phenanthrene-d10	17.43	188	285510	20.00	ng	-0.01
75) Chrysene-d12	21.69	240	316205	20.00	ng	-0.03
86) Perylene-d12	24.92	264	292334	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	315457	141.40	ng	0.00
7) Phenol-d6	7.23	99	457230	138.85	ng	0.00
23) Nitrobenzene-d5	9.23	82	294466	102.28	ng	-0.01
41) 2,4,6-Tribromophenol	16.17	330	197132	151.70	ng	-0.01
44) 2-Fluorobiphenyl	13.31	172	711019	91.06	ng	-0.02
78) Terphenyl-d14	20.03	244	1382830	91.60	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.23	70	38495	13.760	ng	# 70
50) 2,6-Dinitrotoluene	14.68	165	14605	9.044	ng	# 22
56) 2,4-Dinitrotoluene	14.68	165	14605	6.808	ng	# 20
66) 4-Bromophenyl-phenylether	16.17	248	14929	4.342	ng	# 1

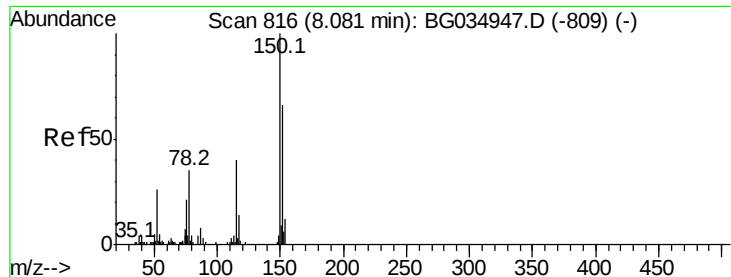
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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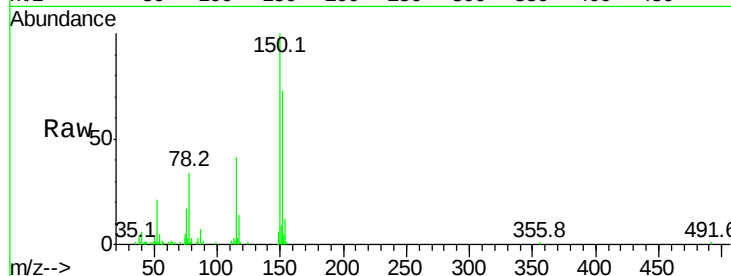


#1

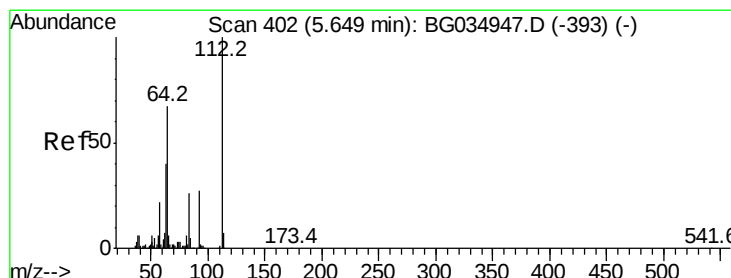
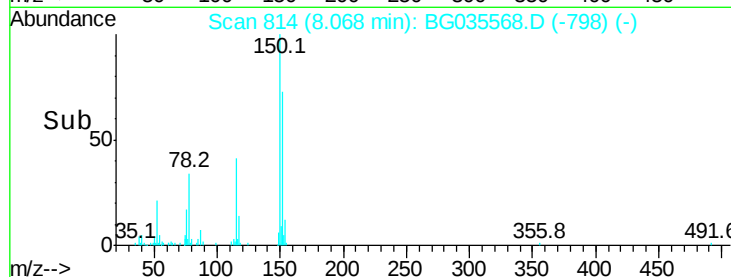
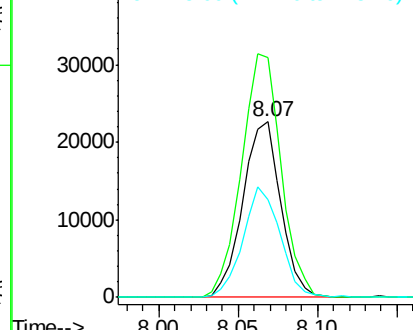
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 814
Delta R.T. -0.01 min
Lab File: BG035568.D
Acq: 3 Jul 2018 2:09

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	136.7	126.6	189.8
115	55.7	53.0	79.4



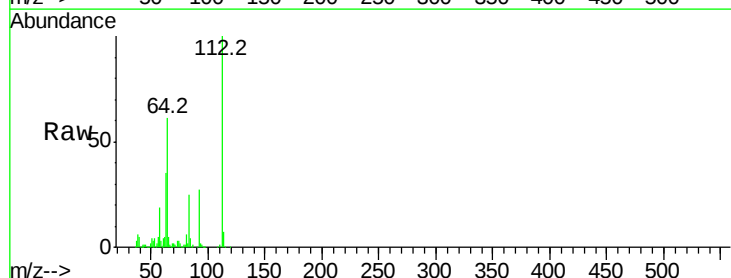
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



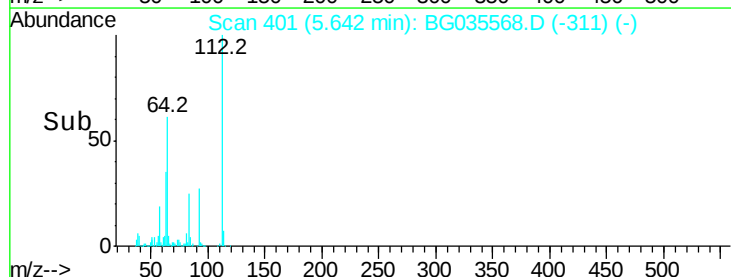
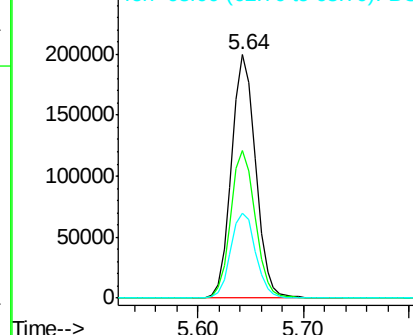
#5

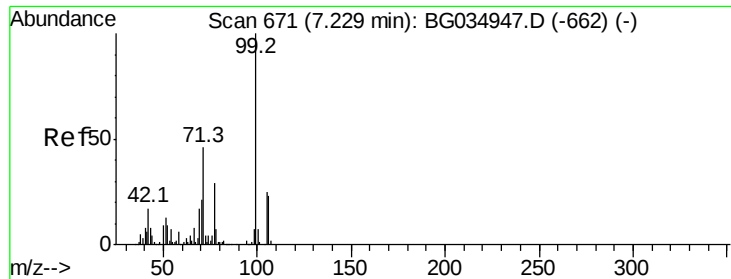
2-Fluorophenol
Concen: 141.395 ng
RT: 5.64 min Scan# 401
Delta R.T. -0.00 min
Lab File: BG035568.D
Acq: 3 Jul 2018 2:09

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.7	56.3	84.5
63	35.0	30.1	45.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 138.855 ng

RT: 7.23 min Scan# 671

Delta R.T. 0.00 min

Lab File: BG035568.D

Acq: 3 Jul 2018 2:09

Instrument :

BNA_G

ClientSampleId :

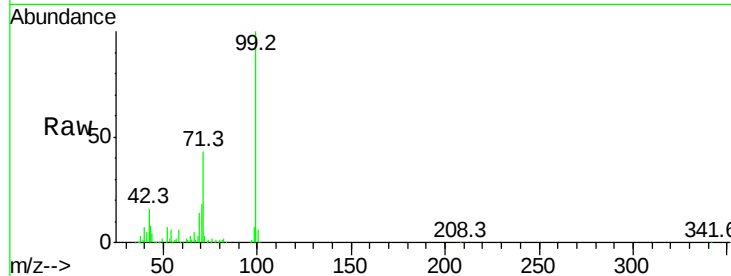
Tot Ion: 99 Resp: 457230

Ion Ratio Lower Upper

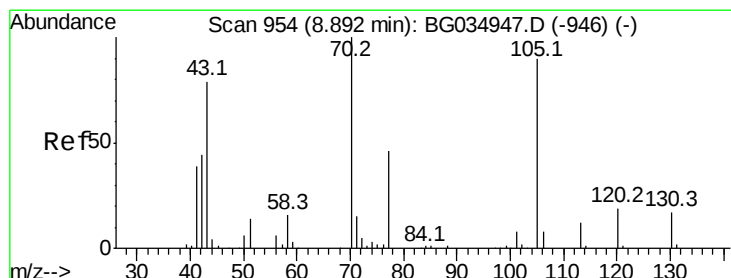
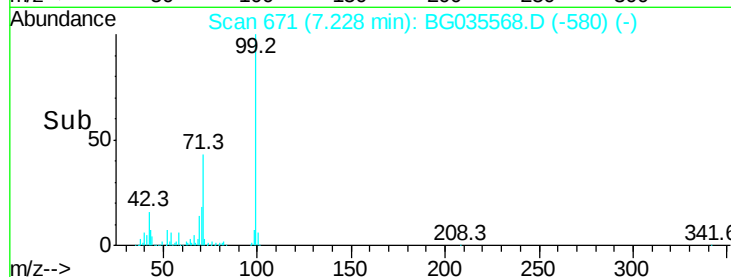
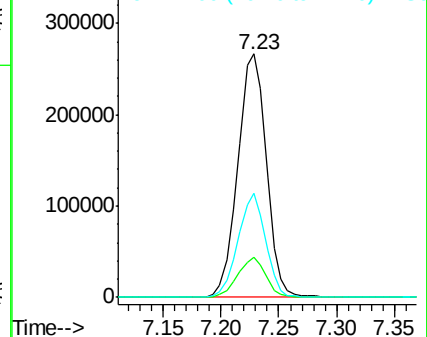
99 100

42 16.2 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: 13.760 ng

RT: 9.23 min Scan# 1011

Delta R.T. 0.34 min

Lab File: BG035568.D

Acq: 3 Jul 2018 2:09

Tgt Ion: 70 Resp: 38495

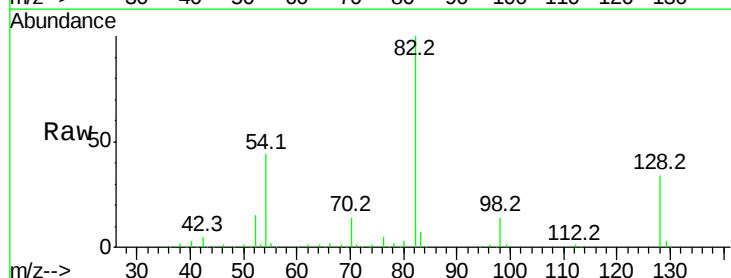
Ion Ratio Lower Upper

70 100

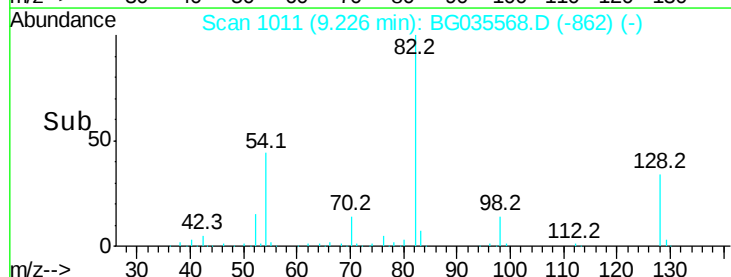
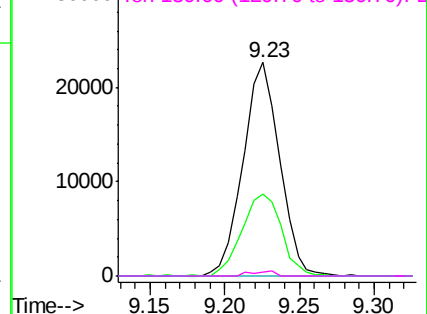
42 38.6 49.1 73.7#

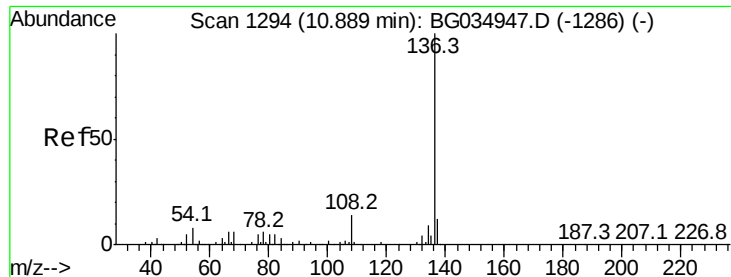
101 0.0 8.5 12.7#

130 1.9 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

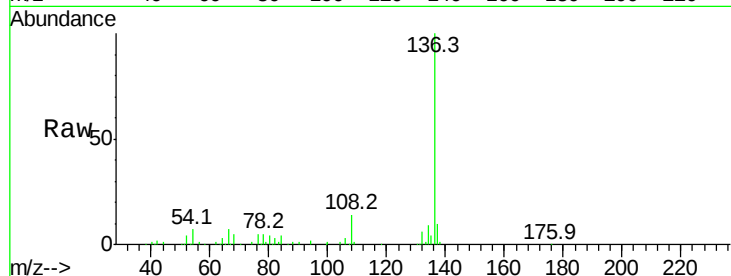




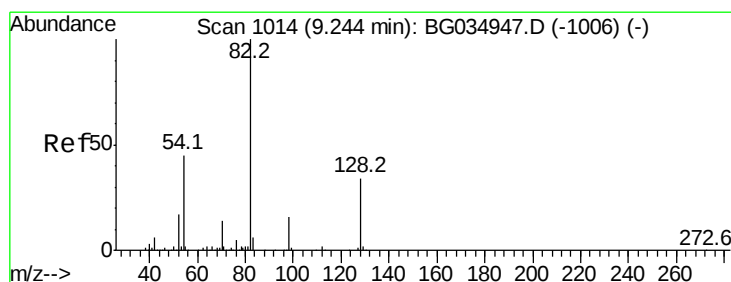
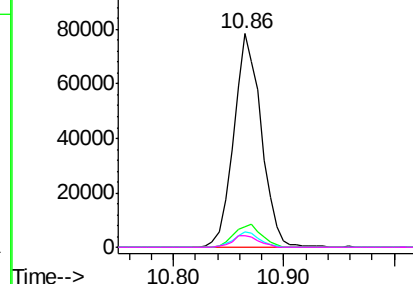
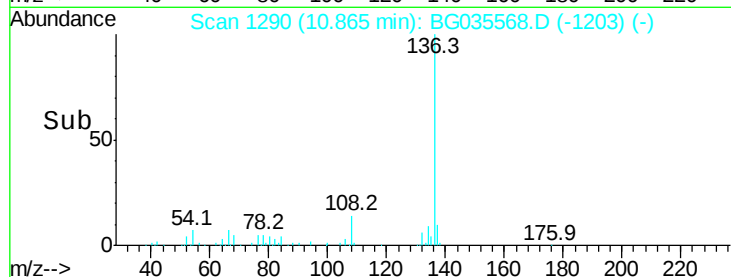
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BG035568.D
Acq: 3 Jul 2018 2:09

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	136846
Ion	Ratio	Lower	Upper
136	100		
137	9.6	9.2	13.8
54	7.3	10.3	15.5
68	5.4	4.5	6.7

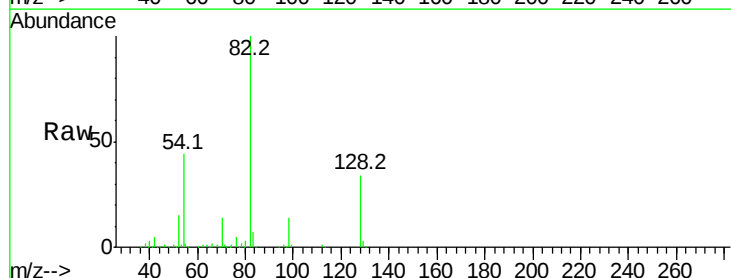


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

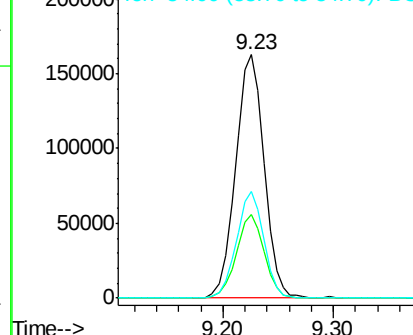
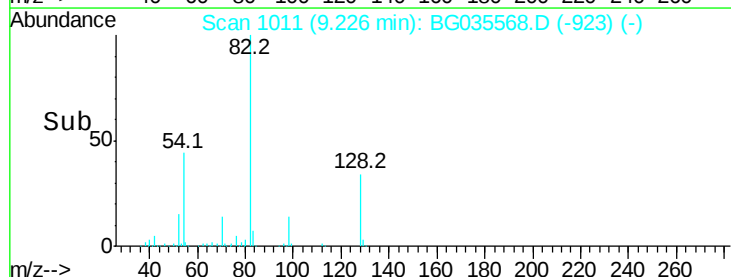


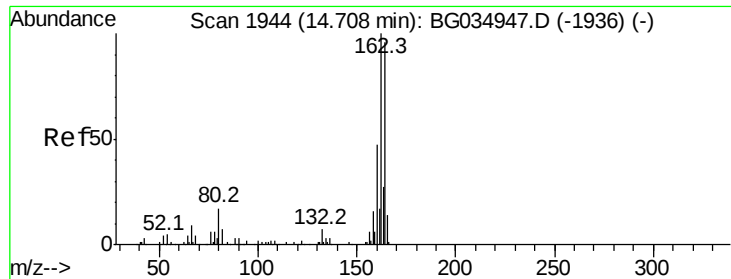
#23
Nitrobenzene-d5
Concen: 102.285 ng
RT: 9.23 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BG035568.D
Acq: 3 Jul 2018 2:09

Tgt Ion:	82	Resp:	294466
Ion	Ratio	Lower	Upper
82	100		
128	34.4	29.7	44.5
54	43.6	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

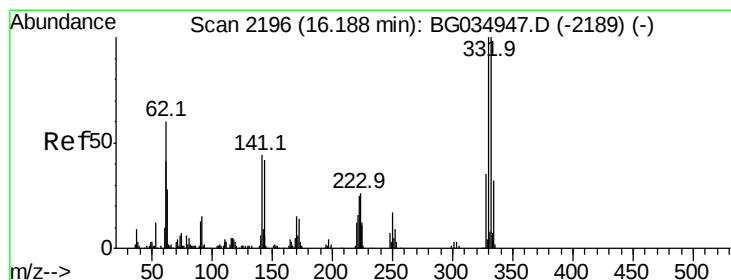
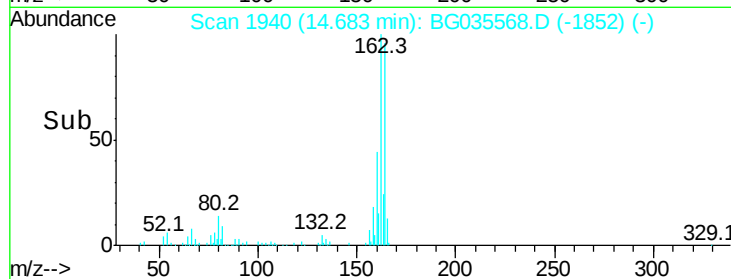
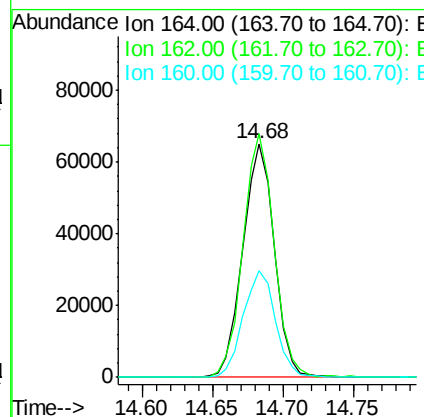
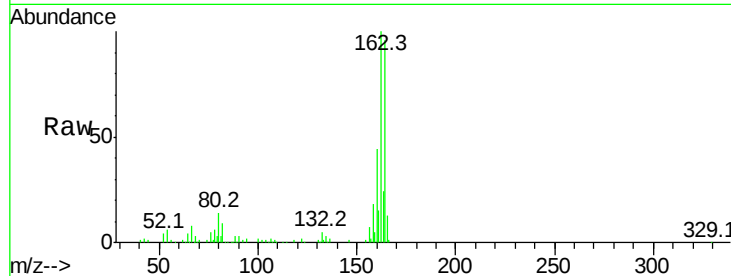




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1940
 Delta R.T. -0.01 min
 Lab File: BG035568.D
 Acq: 3 Jul 2018 2:09

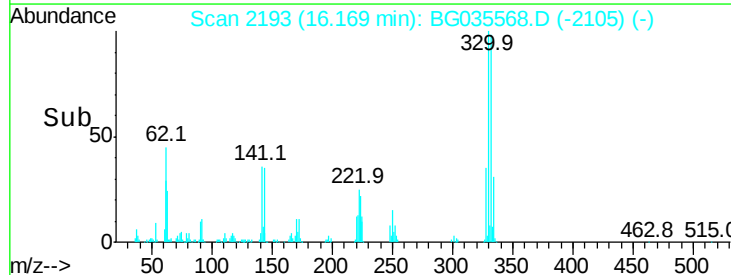
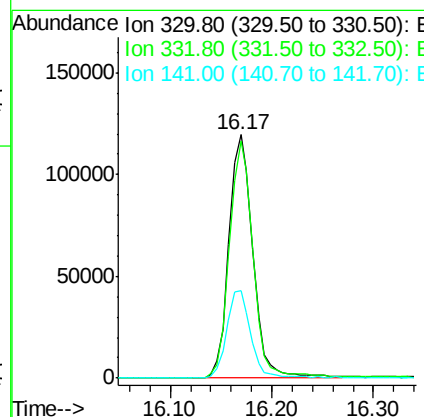
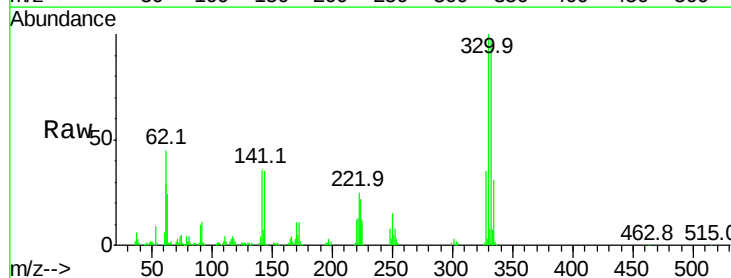
Instrument :
 BNA_G
 ClientSampleId :

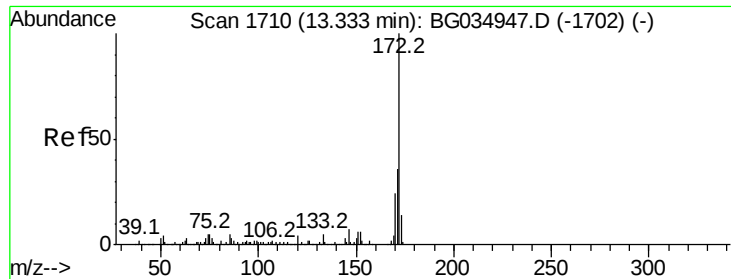
Tot Ion:164 Resp: 101512
 Ion Ratio Lower Upper
 164 100
 162 104.2 78.8 118.2
 160 45.6 35.4 53.0



#41
 2,4,6-Tribromophenol
 Concen: 151.700 ng
 RT: 16.17 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BG035568.D
 Acq: 3 Jul 2018 2:09

Tgt Ion:330 Resp: 197132
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.0 115.6
 141 36.1 25.2 37.8

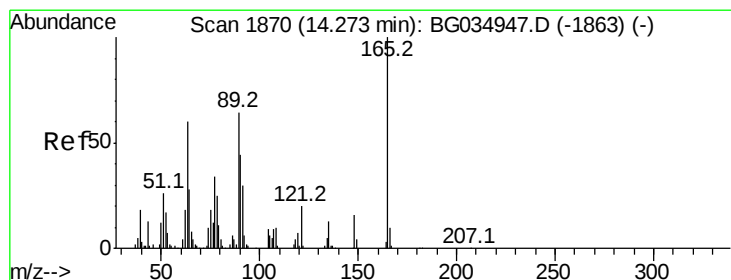
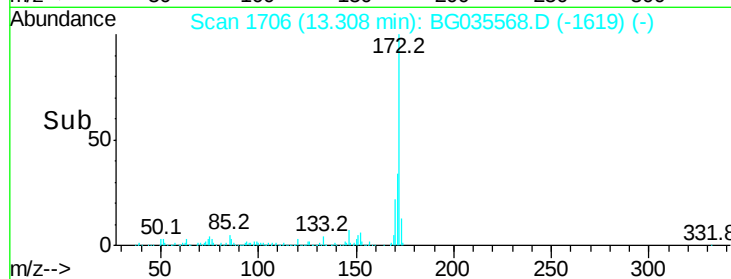
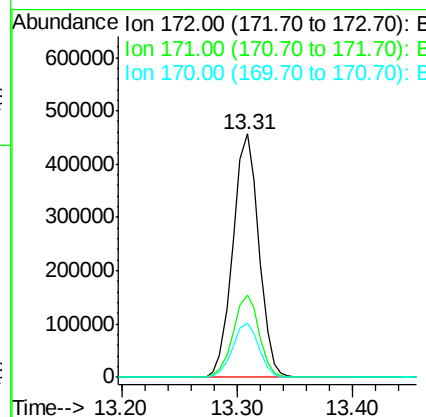
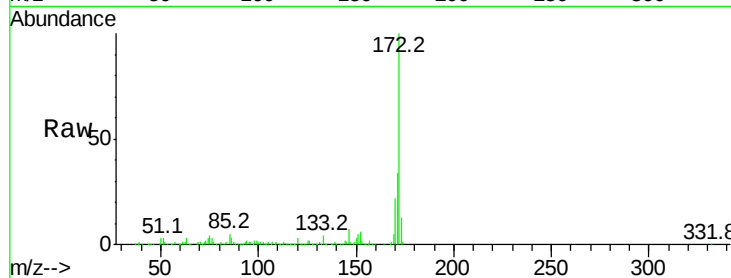




#44
 2-Fluorobiphenyl
 Concen: 91.055 ng
 RT: 13.31 min Scan# 1706
 Delta R.T. -0.02 min
 Lab File: BG035568.D
 Acq: 3 Jul 2018 2:09

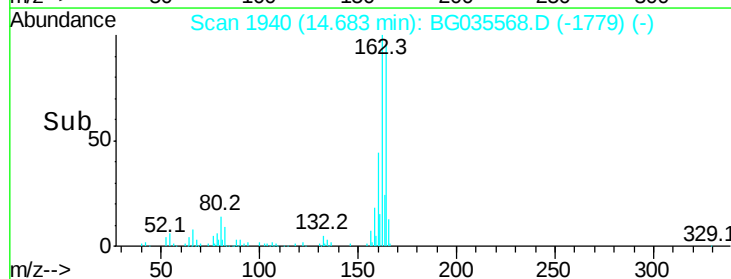
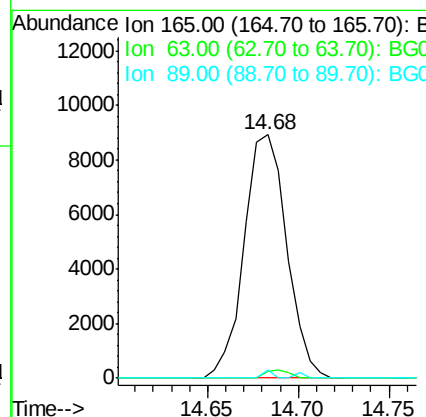
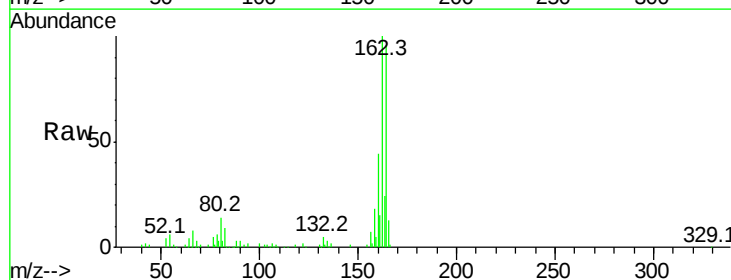
Instrument :
 BNA_G
 ClientSampleId :

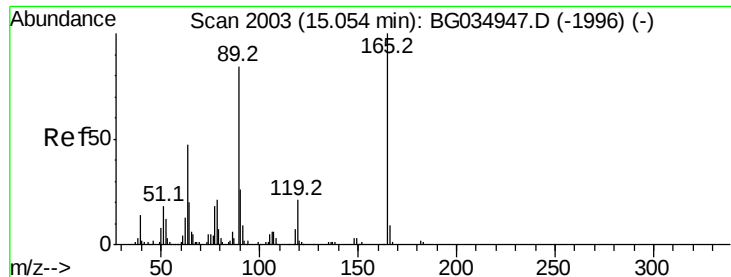
Tot Ion	Ratio	Lower	Upper
172	100		
171	33.7	30.0	45.0
170	22.1	19.5	29.3



#50
 2,6-Dinitrotoluene
 Concen: 9.044 ng
 RT: 14.68 min Scan# 1940
 Delta R.T. 0.42 min
 Lab File: BG035568.D
 Acq: 3 Jul 2018 2:09

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.7	52.7	79.1#
89	3.2	49.2	73.8#

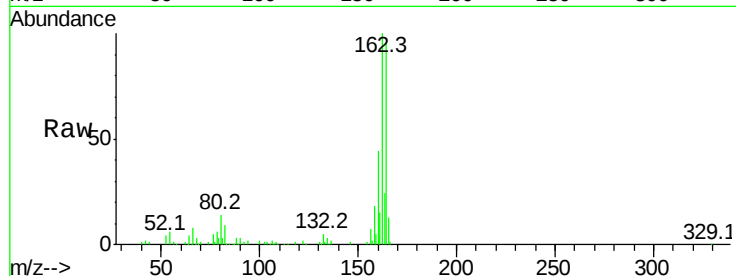




#56
 2,4-Dinitrotoluene
 Concen: 6.808 ng
 RT: 14.68 min Scan# 1940
 Delta R.T. -0.37 min
 Lab File: BG035568.D
 Acq: 3 Jul 2018 2:09

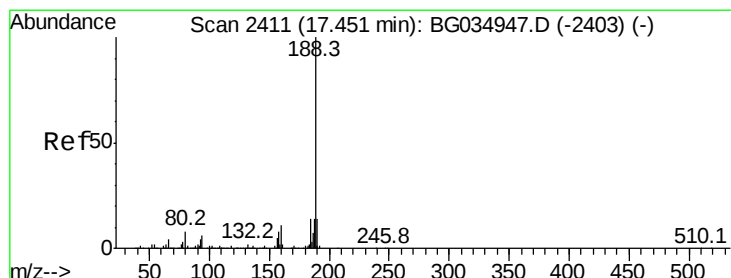
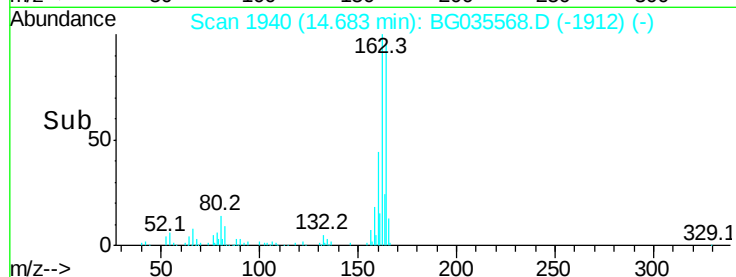
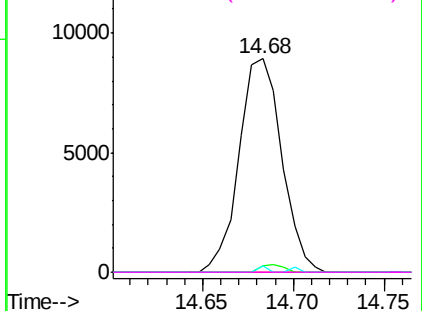
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 14605
 Ion Ratio Lower Upper
 165 100
 63 2.7 42.0 63.0#
 89 3.2 66.9 100.3#
 182 0.0 2.6 3.8#



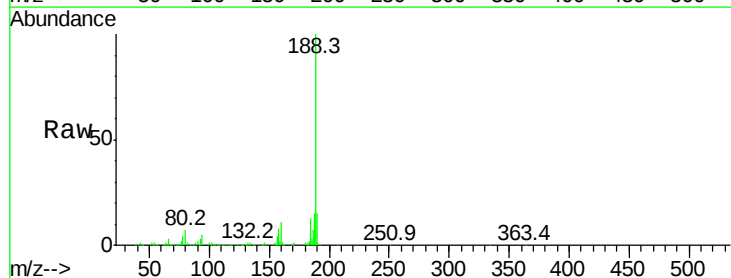
Abundance Ion 165.00 (164.70 to 165.70): E

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



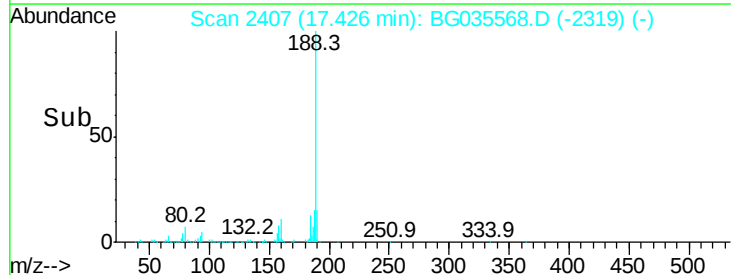
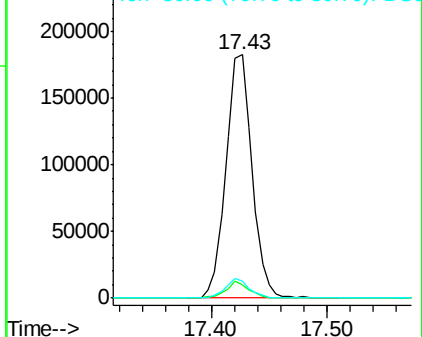
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.43 min Scan# 2407
 Delta R.T. -0.01 min
 Lab File: BG035568.D
 Acq: 3 Jul 2018 2:09

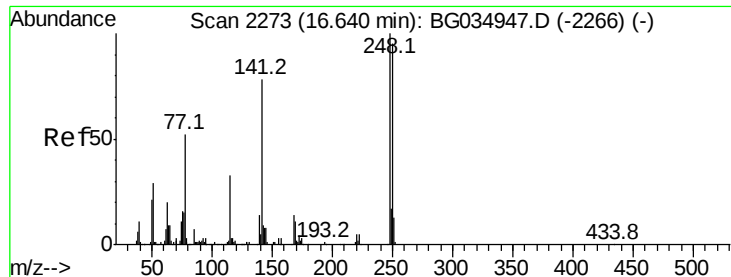
Tgt Ion:188 Resp: 285510
 Ion Ratio Lower Upper
 188 100
 94 5.2 6.9 10.3#
 80 7.0 7.7 11.5#



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

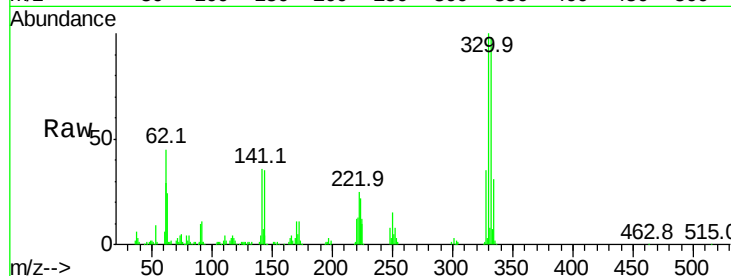




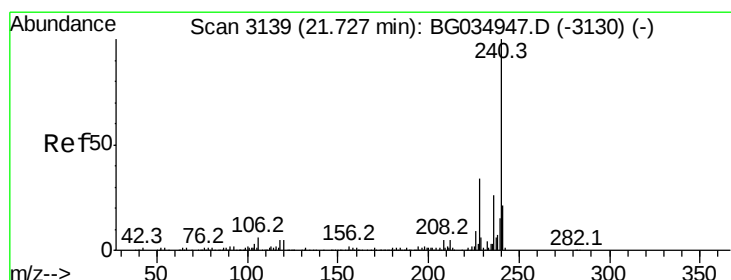
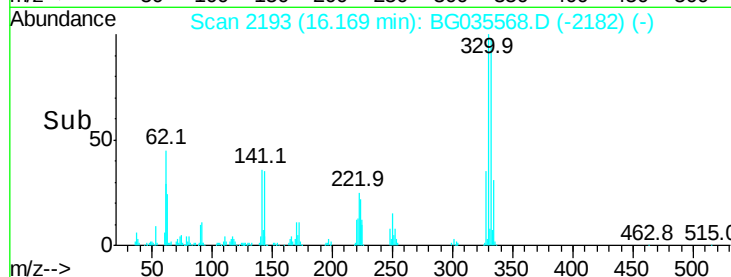
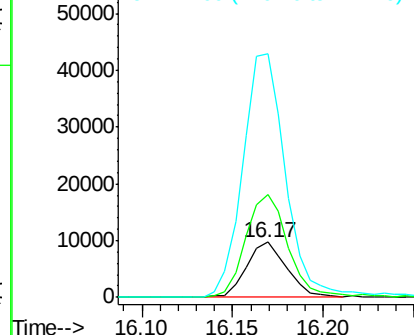
#66
 4-Bromophenyl-phenylether
 Concen: 4.342 ng
 RT: 16.17 min Scan# 2193
 Delta R.T. -0.47 min
 Lab File: BG035568.D
 Acq: 3 Jul 2018 2:09

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:248 Resp: 14929
 Ion Ratio Lower Upper
 248 100
 250 187.1 77.1 115.7#
 141 443.0 50.8 76.2#

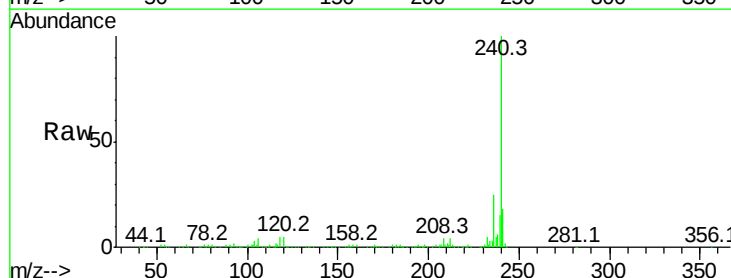


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

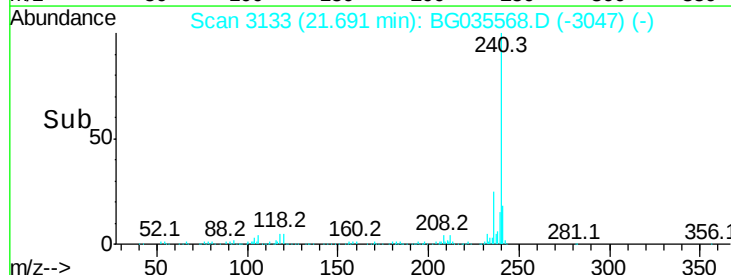
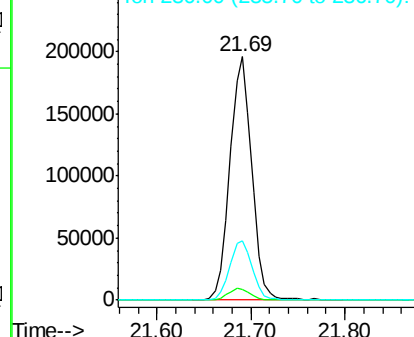


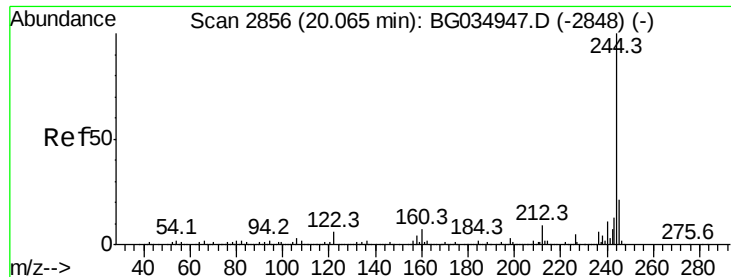
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.69 min Scan# 3133
 Delta R.T. -0.03 min
 Lab File: BG035568.D
 Acq: 3 Jul 2018 2:09

Tgt Ion:240 Resp: 316205
 Ion Ratio Lower Upper
 240 100
 120 4.6 6.8 10.2#
 236 24.6 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: 91.604 ng

RT: 20.03 min Scan# 2850

Delta R.T. -0.02 min

Lab File: BG035568.D

Acq: 3 Jul 2018 2:09

Instrument :

BNA_G

ClientSampleId :

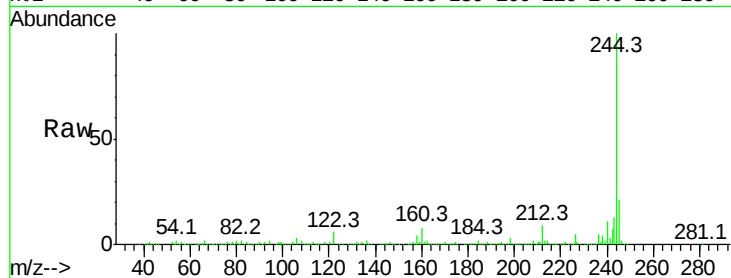
Tot Ion:244 Resp: 1382830

Ion Ratio Lower Upper

244 100

212 8.6 5.8 8.8

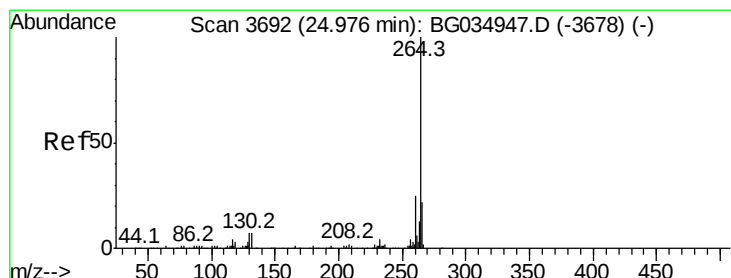
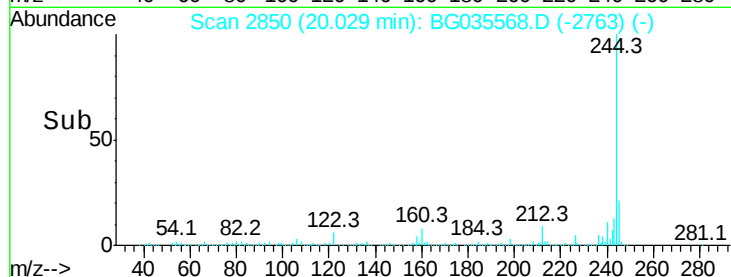
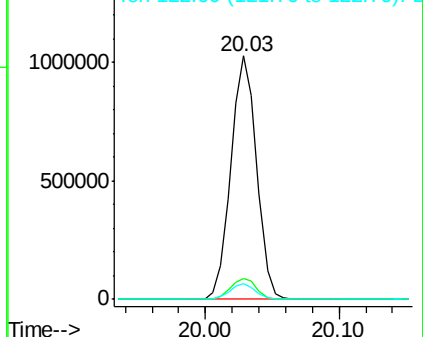
122 6.3 7.0 10.4#



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: BG035568.D

Acq: 3 Jul 2018 2:09

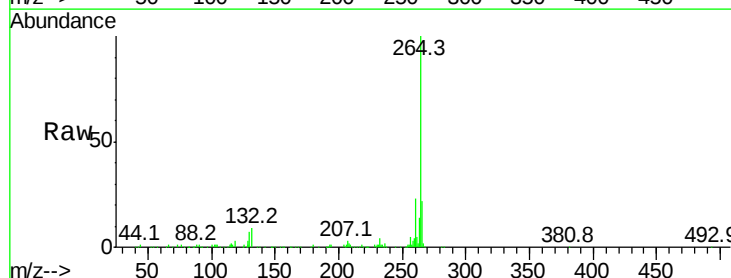
Tgt Ion:264 Resp: 292334

Ion Ratio Lower Upper

264 100

260 23.5 17.4 26.0

265 21.6 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

