

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062718\
 Data File : BG035468.D
 Acq On : 28 Jun 2018 6:35
 Operator : JU/SJ
 Sample : J3048-07
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 28 07:25:01 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

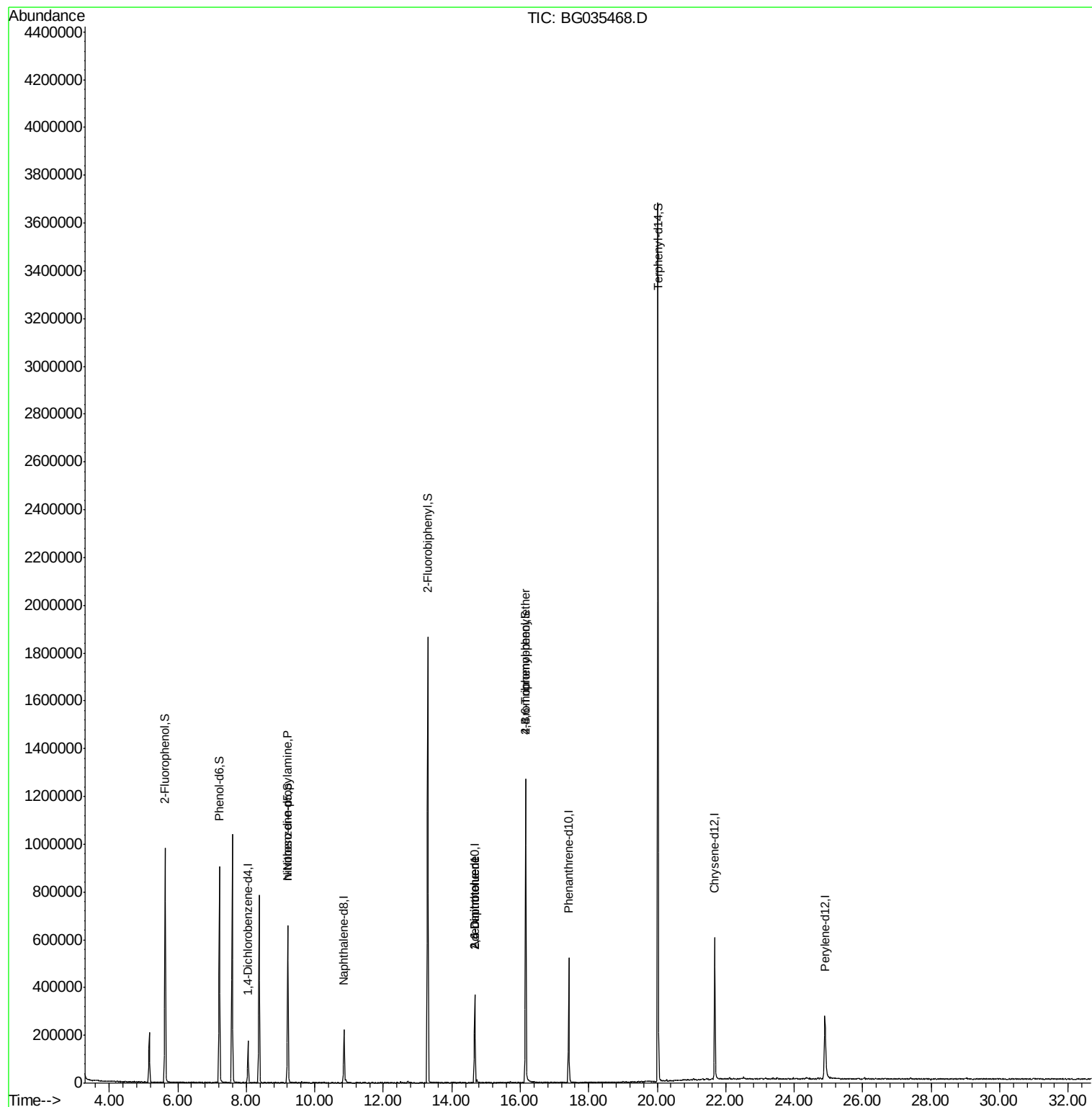
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	49119	20.00	ng	-0.02
21) Naphthalene-d8	10.85	136	184466	20.00	ng	-0.03
38) Acenaphthene-d10	14.67	164	129815	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	338681	20.00	ng	-0.02
75) Chrysene-d12	21.68	240	379947	20.00	ng	-0.04
86) Perylene-d12	24.90	264	336743	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	424871	145.98	ng	-0.01
7) Phenol-d6	7.21	99	567862	132.19	ng	-0.01
23) Nitrobenzene-d5	9.22	82	445820	114.88	ng	-0.02
41) 2,4,6-Tribromophenol	16.16	330	245948	148.00	ng	-0.02
44) 2-Fluorobiphenyl	13.30	172	1014286	101.57	ng	-0.03
78) Terphenyl-d14	20.02	244	1764301	97.27	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	59627	16.338	ng	# 69
50) 2,6-Dinitrotoluene	14.67	165	17094	8.277	ng	# 21
56) 2,4-Dinitrotoluene	14.67	165	17094	6.231	ng	# 19
66) 4-Bromophenyl-phenylether	16.16	248	19439	4.766	ng	# 1

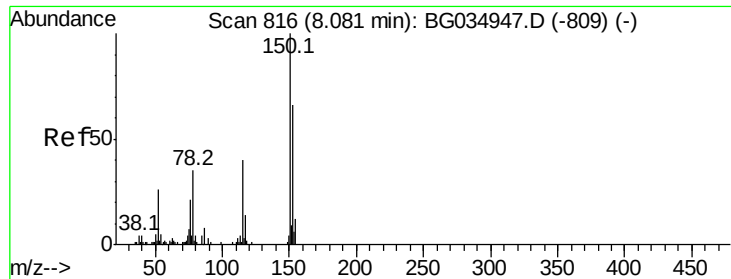
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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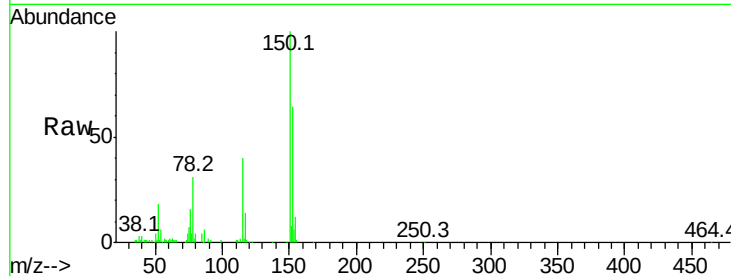


#1

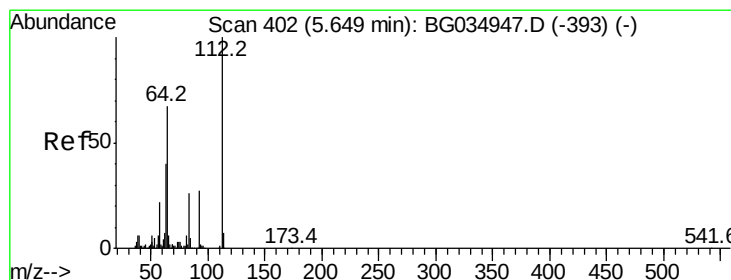
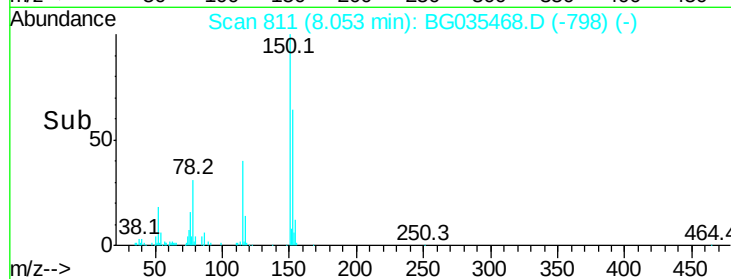
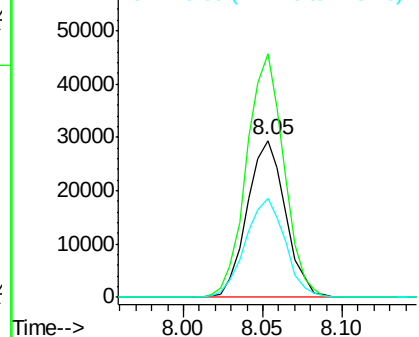
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.02 min
Lab File: BG035468.D
Acq: 28 Jun 2018 6:35

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 49119
Ion Ratio Lower Upper
152 100
150 155.3 126.6 189.8
115 62.7 53.0 79.4



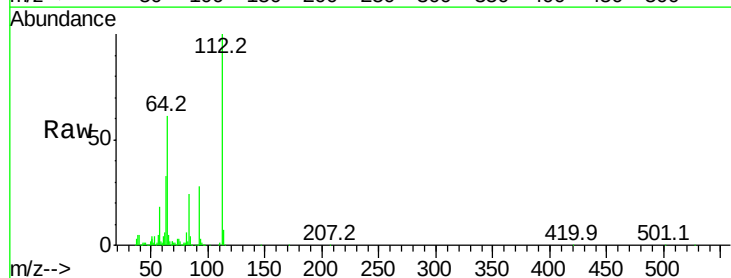
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



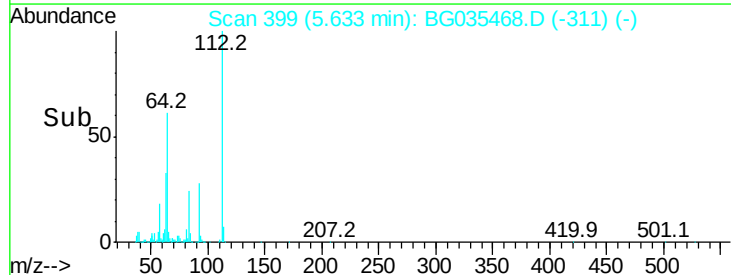
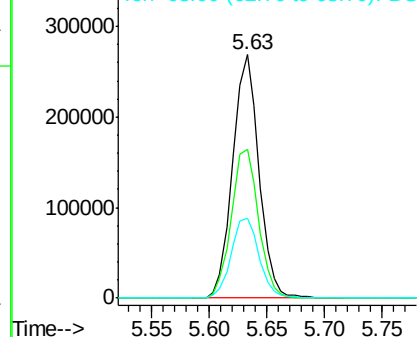
#5

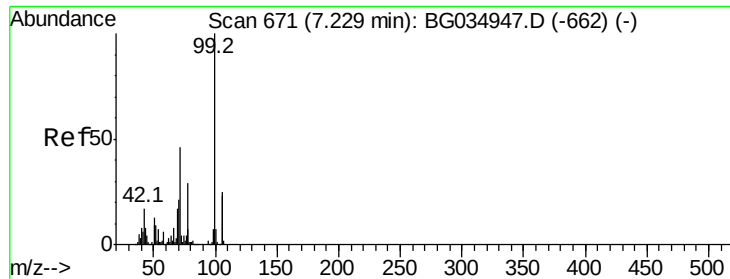
2-Fluorophenol
Concen: 145.975 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.01 min
Lab File: BG035468.D
Acq: 28 Jun 2018 6:35

Tgt Ion:112 Resp: 424871
Ion Ratio Lower Upper
112 100
64 61.4 56.3 84.5
63 33.0 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: 132.189 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG035468.D

Acq: 28 Jun 2018 6:35

Instrument :

BNA_G

ClientSampleId :

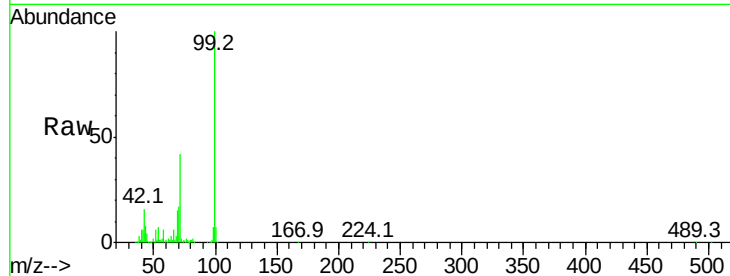
Tot Ion: 99 Resp: 567862

Ion Ratio Lower Upper

99 100

42 15.7 14.1 21.1

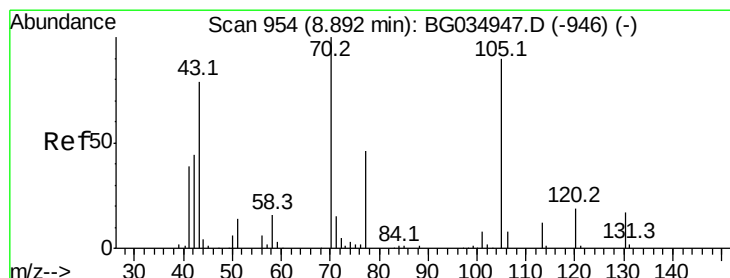
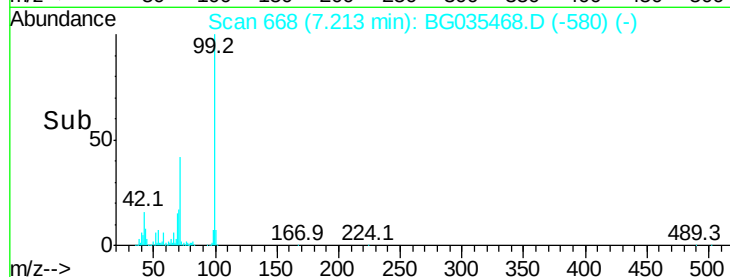
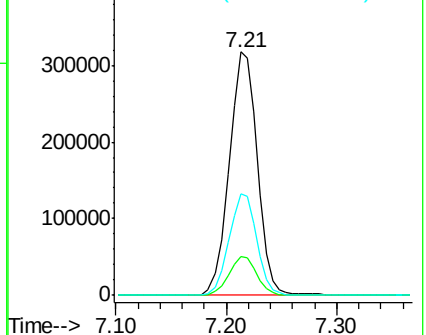
71 41.9 26.1 39.1#



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: 16.338 ng

RT: 9.22 min Scan# 1009

Delta R.T. 0.34 min

Lab File: BG035468.D

Acq: 28 Jun 2018 6:35

Tgt Ion: 70 Resp: 59627

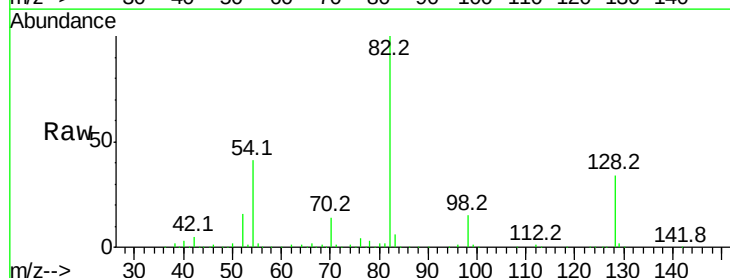
Ion Ratio Lower Upper

70 100

42 37.9 49.1 73.7#

101 0.0 8.5 12.7#

130 1.8 13.4 20.0#

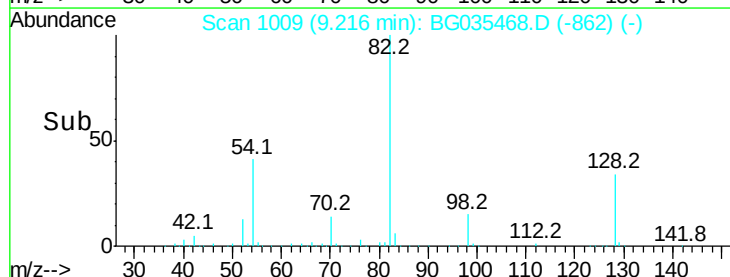
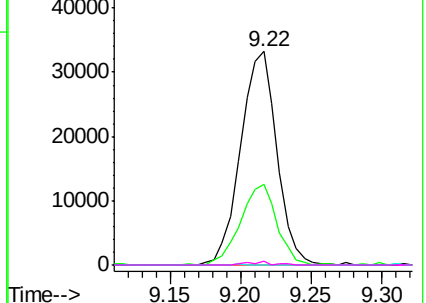


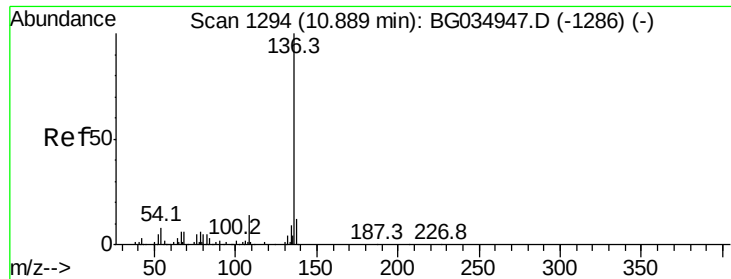
Abundance Ion 70.00 (69.70 to 70.70): BGC

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

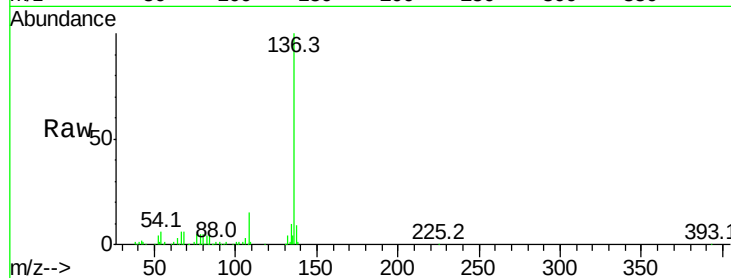




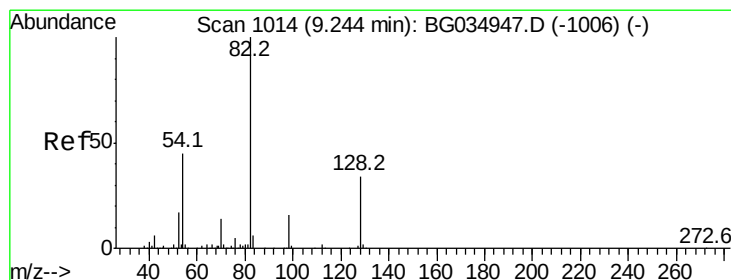
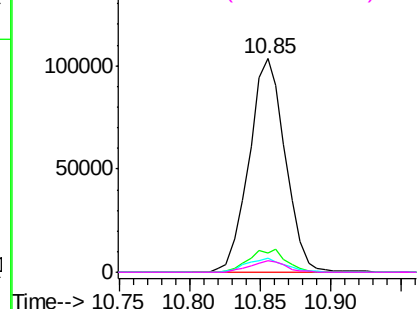
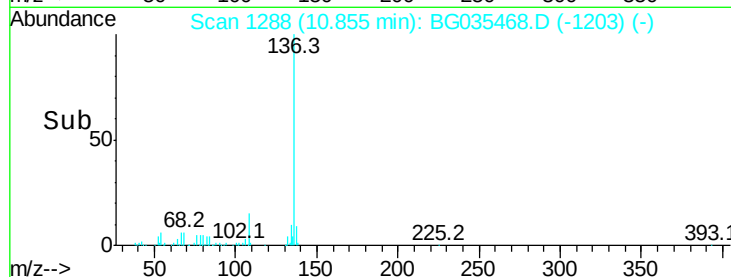
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1288
Delta R.T. -0.03 min
Lab File: BG035468.D
Acq: 28 Jun 2018 6:35

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	184466
Ion Ratio	Lower	Upper	
136	100		
137	9.2	9.2	13.8
54	6.5	10.3	15.5#
68	5.6	4.5	6.7

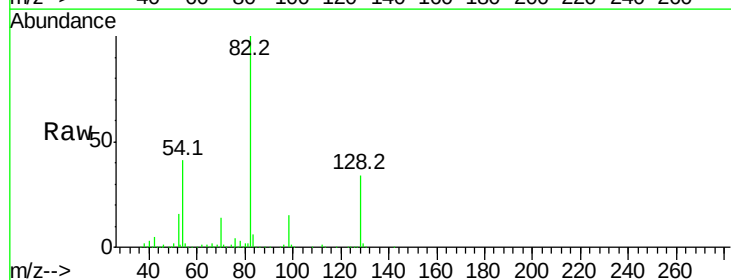


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

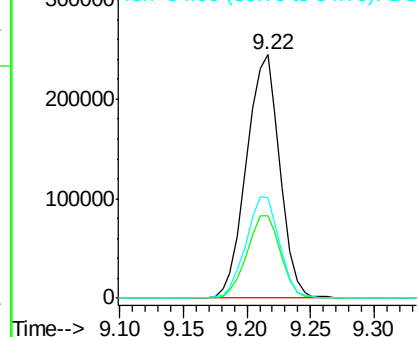
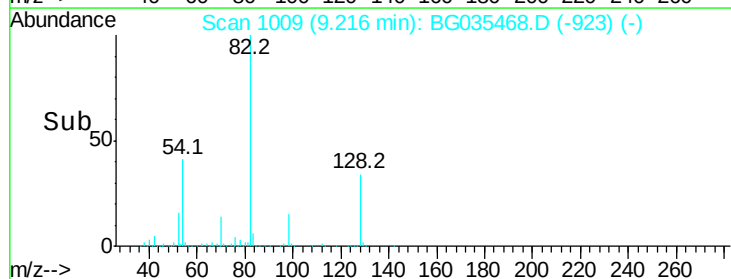


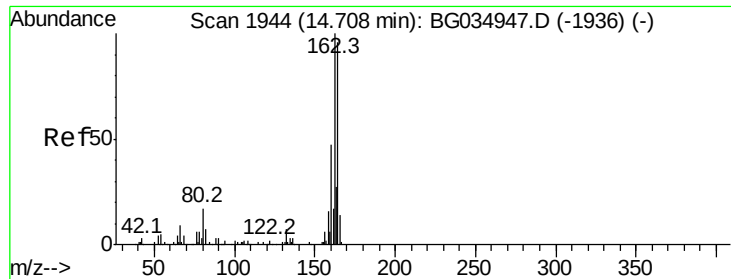
#23
Nitrobenzene-d5
Concen: 114.882 ng
RT: 9.22 min Scan# 1009
Delta R.T. -0.02 min
Lab File: BG035468.D
Acq: 28 Jun 2018 6:35

Tgt Ion:	82	Resp:	445820
Ion Ratio	Lower	Upper	
82	100		
128	33.7	29.7	44.5
54	41.2	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: 14.67 min Scan# 1938

Delta R.T. -0.02 min

Lab File: BG035468.D

Acq: 28 Jun 2018 6:35

Instrument :

BNA_G

ClientSampled :

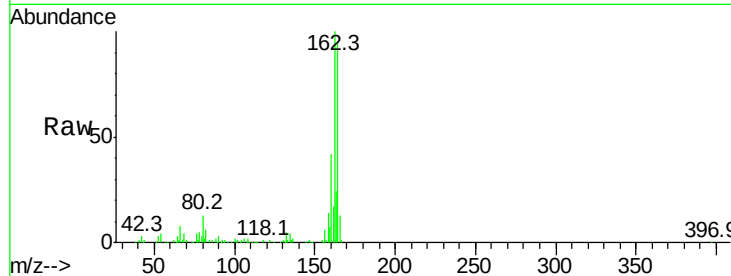
Tot Ion:164 Resp: 129815

Ion Ratio Lower Upper

164 100

162 105.5 78.8 118.2

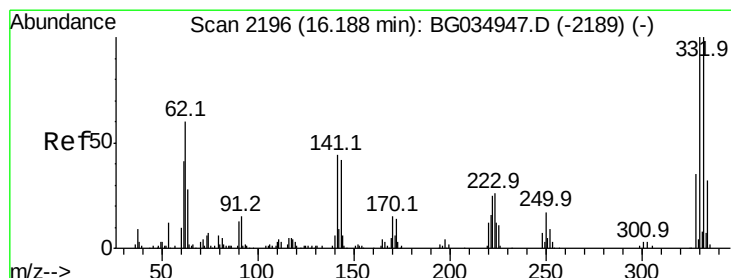
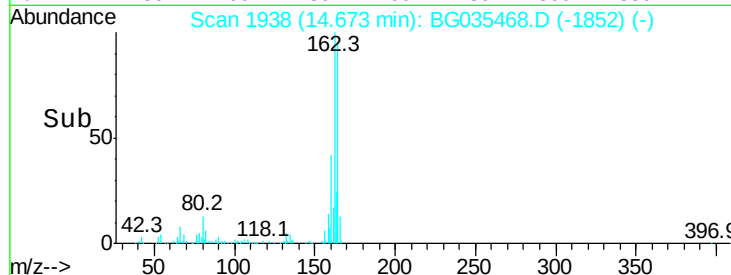
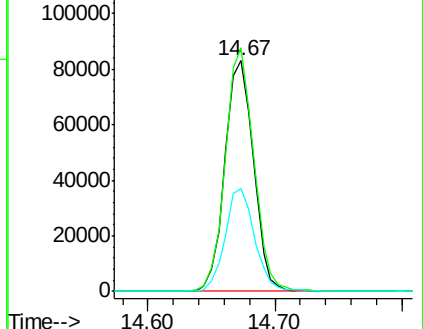
160 44.6 35.4 53.0



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: 148.001 ng

RT: 16.16 min Scan# 2191

Delta R.T. -0.02 min

Lab File: BG035468.D

Acq: 28 Jun 2018 6:35

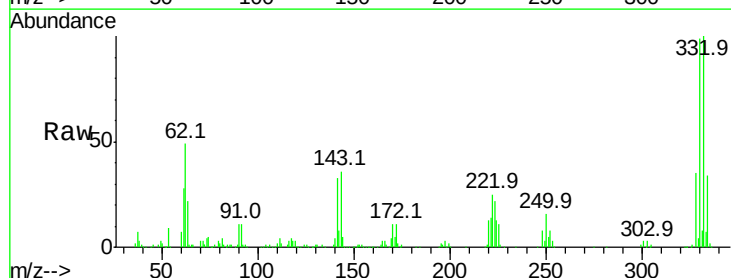
Tgt Ion:330 Resp: 245948

Ion Ratio Lower Upper

330 100

332 95.7 77.0 115.6

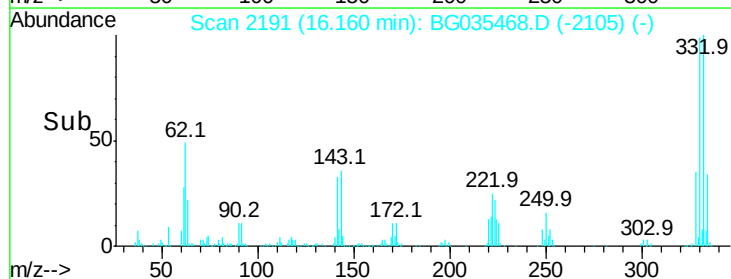
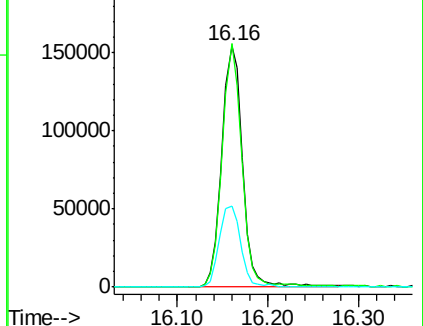
141 34.8 25.2 37.8

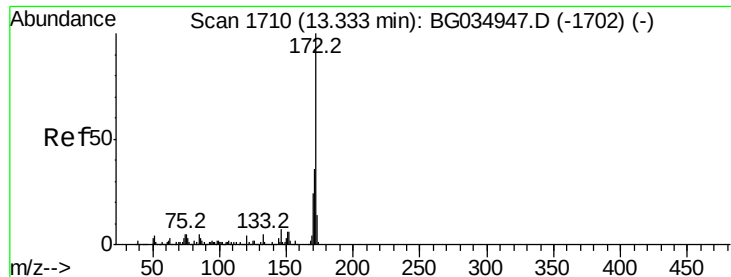


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

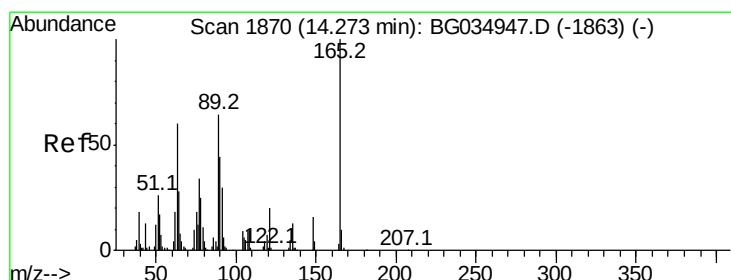
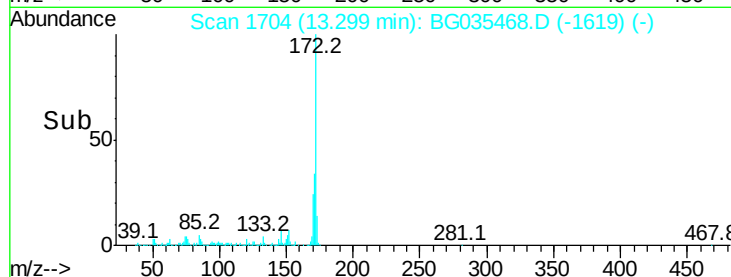
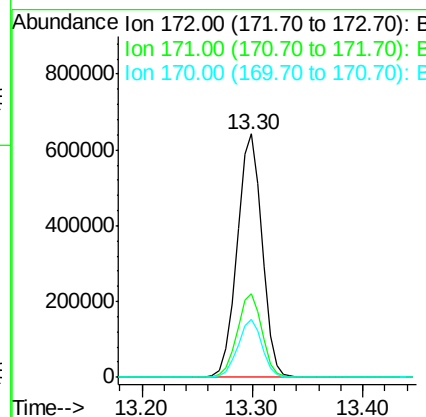
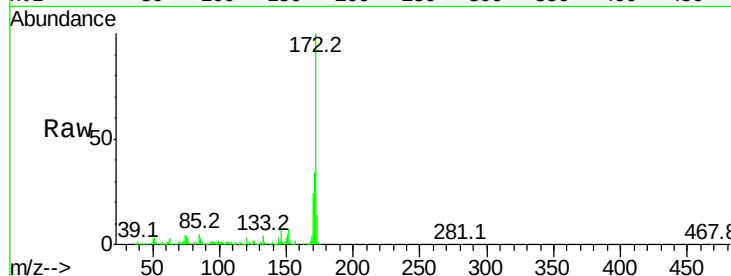




#44
2-Fluorobiphenyl
Concen: 101.573 ng
RT: 13.30 min Scan# 1704
Delta R.T. -0.03 min
Lab File: BG035468.D
Acq: 28 Jun 2018 6:35

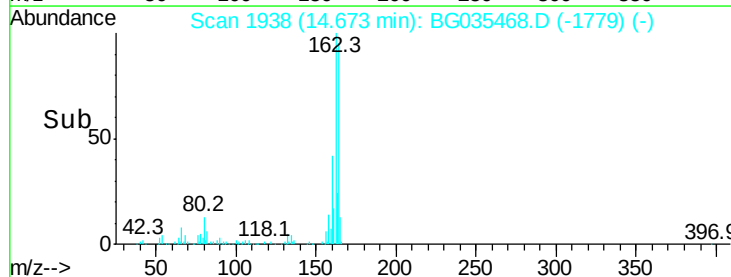
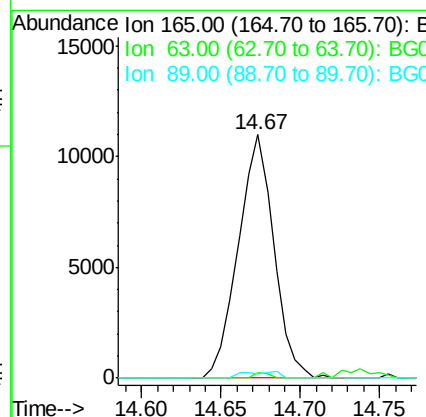
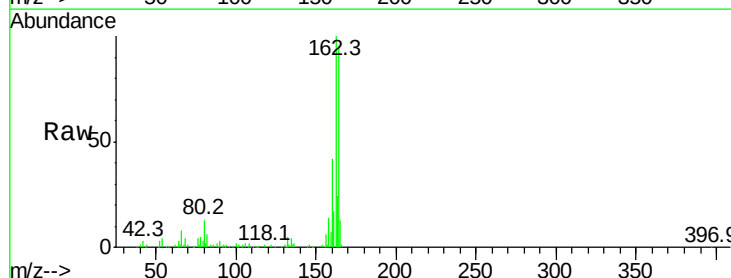
Instrument :
BNA_G
ClientSampleId :

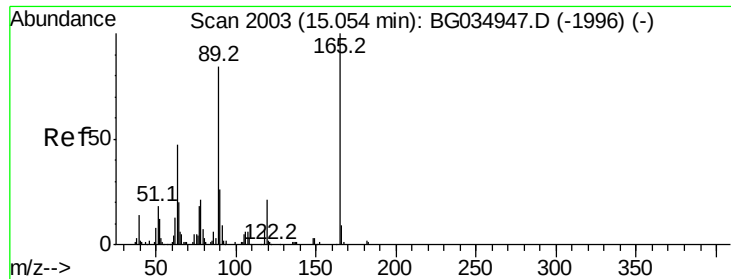
Tot Ion:172 Resp: 1014286
Ion Ratio Lower Upper
172 100
171 34.5 30.0 45.0
170 24.1 19.5 29.3



#50
2,6-Dinitrotoluene
Concen: 8.277 ng
RT: 14.67 min Scan# 1938
Delta R.T. 0.41 min
Lab File: BG035468.D
Acq: 28 Jun 2018 6:35

Tgt Ion:165 Resp: 17094
Ion Ratio Lower Upper
165 100
63 2.1 52.7 79.1#
89 1.9 49.2 73.8#

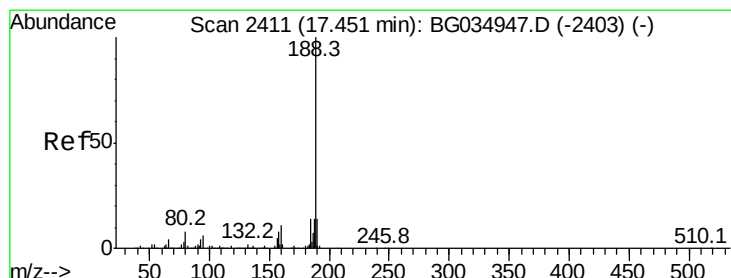
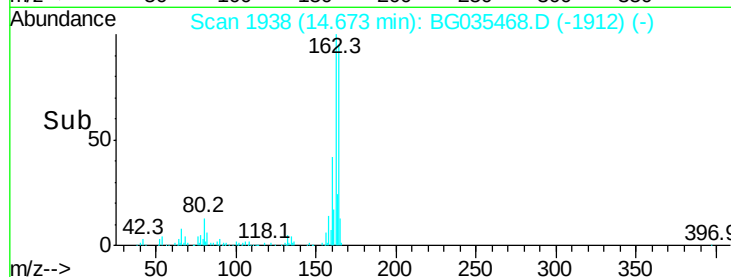
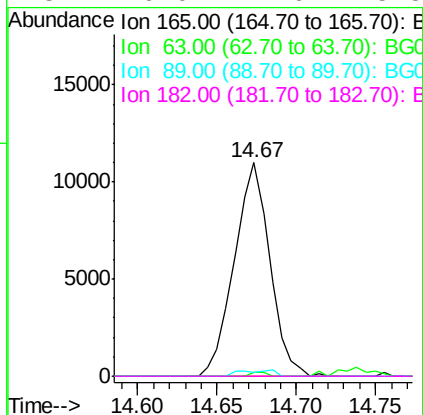
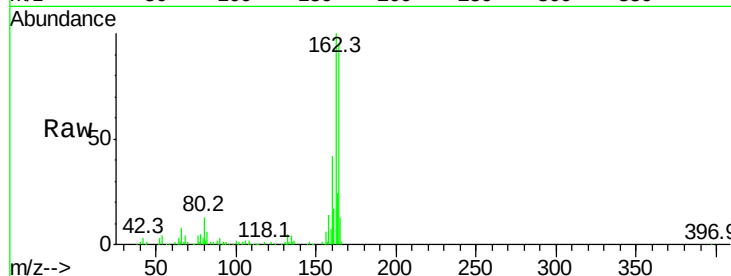




#56
 2,4-Dinitrotoluene
 Concen: 6.231 ng
 RT: 14.67 min Scan# 1938
 Delta R.T. -0.38 min
 Lab File: BG035468.D
 Acq: 28 Jun 2018 6:35

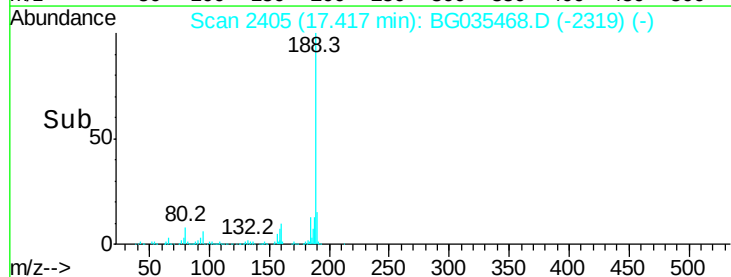
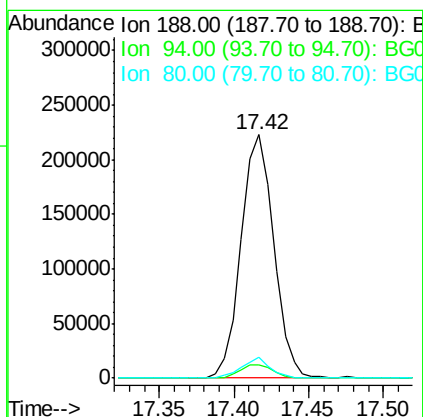
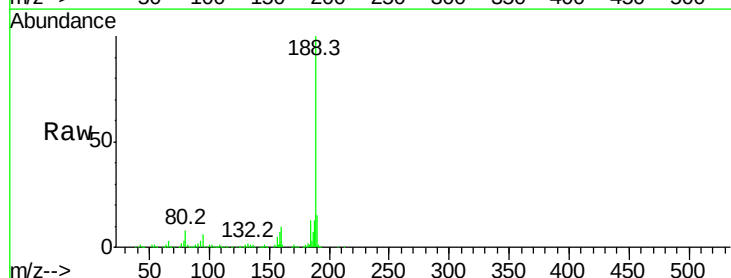
Instrument :
 BNA_G
 ClientSampleId :

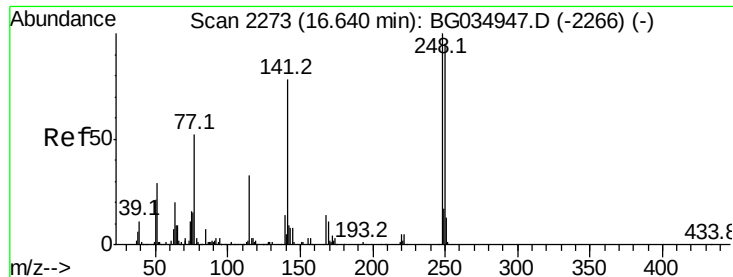
Tot Ion:165 Resp: 17094
 Ion Ratio Lower Upper
 165 100
 63 2.1 42.0 63.0#
 89 1.9 66.9 100.3#
 182 0.0 2.6 3.8#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2405
 Delta R.T. -0.02 min
 Lab File: BG035468.D
 Acq: 28 Jun 2018 6:35

Tgt Ion:188 Resp: 338681
 Ion Ratio Lower Upper
 188 100
 94 5.6 6.9 10.3#
 80 8.4 7.7 11.5

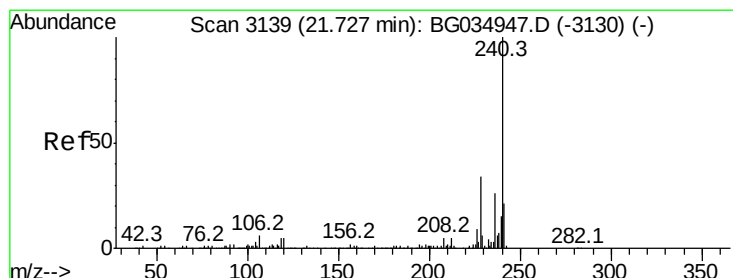
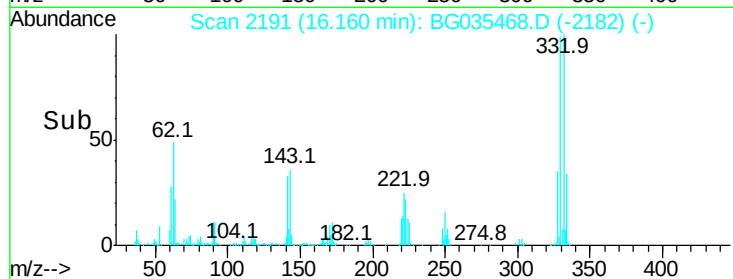
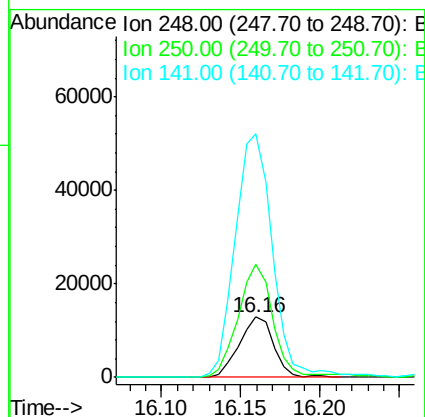
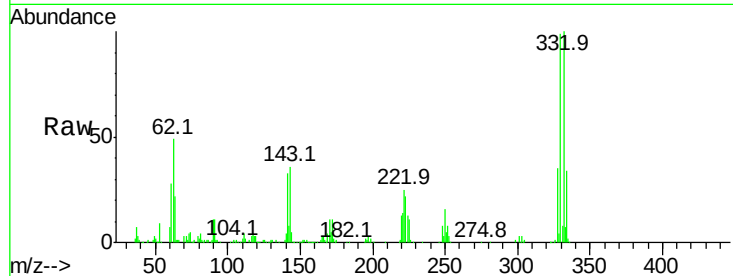




#66
4-Bromophenyl-phenylether
Concen: 4.766 ng
RT: 16.16 min Scan# 2191
Delta R.T. -0.48 min
Lab File: BG035468.D
Acq: 28 Jun 2018 6:35

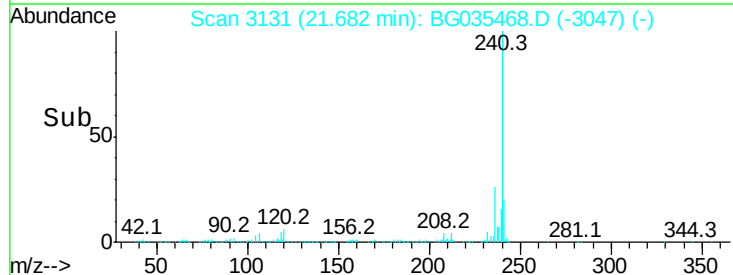
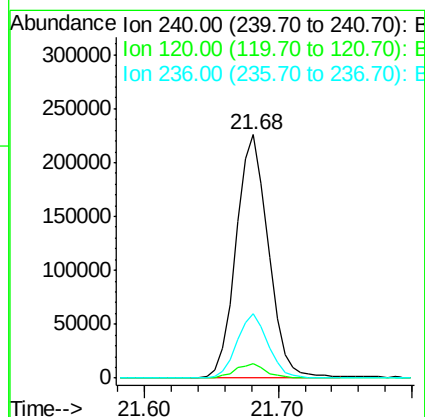
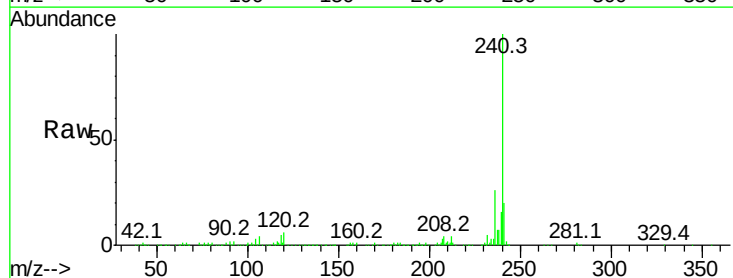
Instrument :
BNA_G
ClientSampleId :

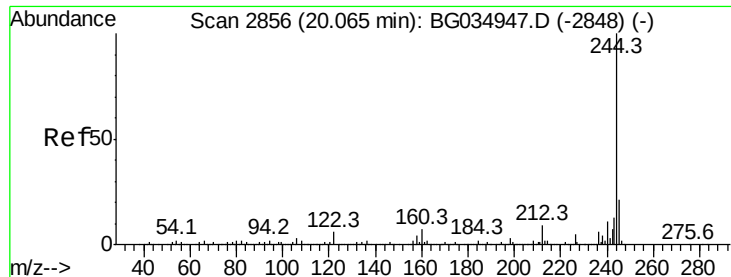
Tot Ion:248 Resp: 19439
Ion Ratio Lower Upper
248 100
250 188.2 77.1 115.7#
141 404.2 50.8 76.2#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3131
Delta R.T. -0.04 min
Lab File: BG035468.D
Acq: 28 Jun 2018 6:35

Tgt Ion:240 Resp: 379947
Ion Ratio Lower Upper
240 100
120 5.8 6.8 10.2#
236 26.4 20.9 31.3





#78

Terphenyl-d14

Concen: 97.267 ng

RT: 20.02 min Scan# 2849

Delta R.T. -0.02 min

Lab File: BG035468.D

Acq: 28 Jun 2018 6:35

Instrument :

BNA_G

ClientSampleId :

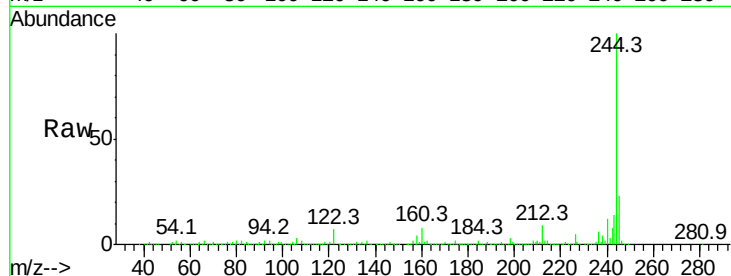
Tot Ion:244 Resp: 1764301

Ion	Ratio	Lower	Upper
244	100		
212	9.4	5.8	8.8
122	6.6	7.0	10.4

244 100

212 9.4 5.8 8.8

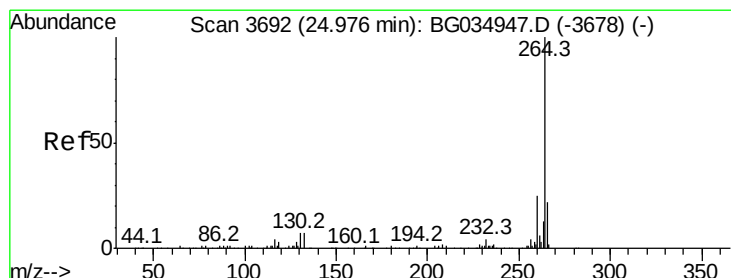
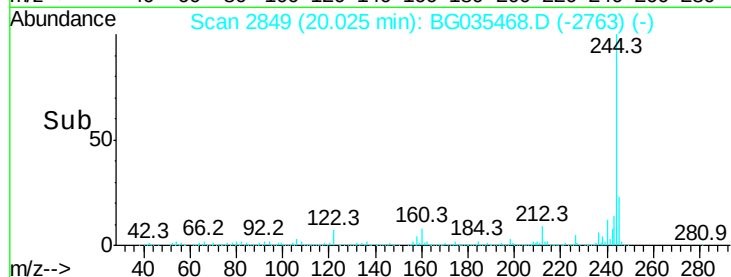
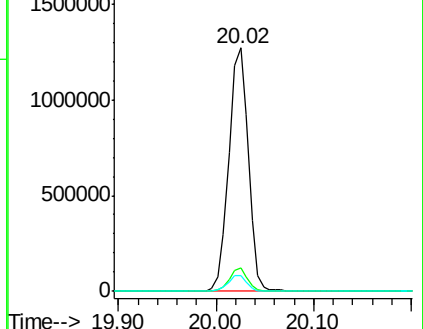
122 6.6 7.0 10.4



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: 24.90 min Scan# 3679

Delta R.T. -0.05 min

Lab File: BG035468.D

Acq: 28 Jun 2018 6:35

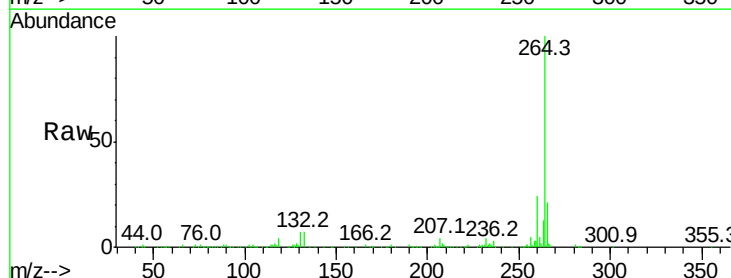
Tgt Ion:264 Resp: 336743

Ion	Ratio	Lower	Upper
264	100		
260	23.6	17.4	26.0
265	20.8	17.7	26.5

264 100

260 23.6 17.4 26.0

265 20.8 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

