

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062918\
 Data File : BG035533.D
 Acq On : 30 Jun 2018 9:00
 Operator : JU/SJ
 Sample : PB110708BL
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 02 00:57:13 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

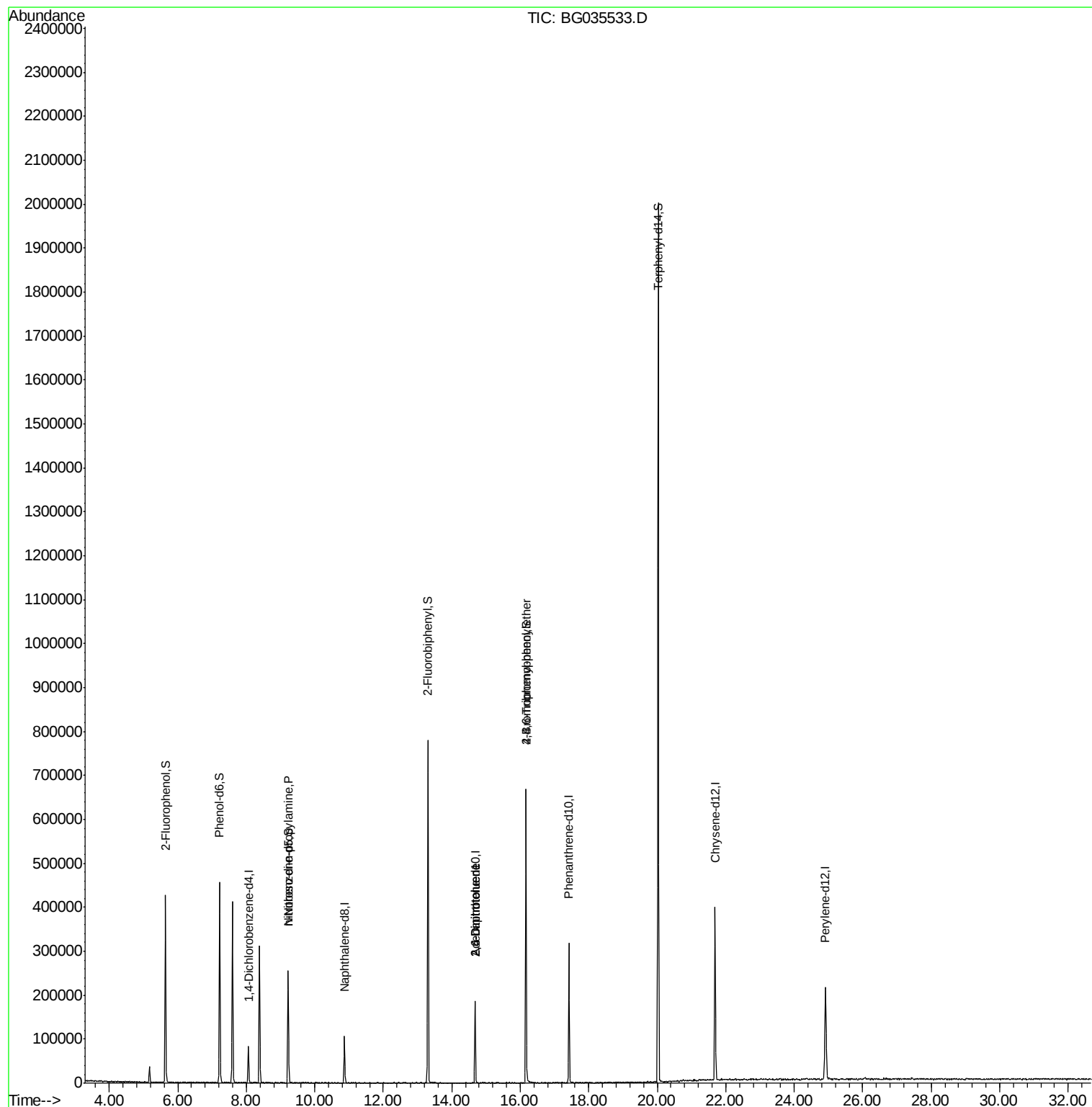
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	24186	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	87326	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	67940	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	205681	20.00	ng	-0.02
75) Chrysene-d12	21.69	240	254490	20.00	ng	-0.03
86) Perylene-d12	24.91	264	235491	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	186410	130.07	ng	0.00
7) Phenol-d6	7.22	99	271774	128.48	ng	0.00
23) Nitrobenzene-d5	9.22	82	170915	93.03	ng	-0.02
41) 2,4,6-Tribromophenol	16.17	330	130117	149.61	ng	-0.01
44) 2-Fluorobiphenyl	13.30	172	428995	82.09	ng	-0.02
78) Terphenyl-d14	20.03	244	1020828	84.02	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	22870	12.726	ng	# 67
50) 2,6-Dinitrotoluene	14.68	165	9011	8.337	ng	# 20
56) 2,4-Dinitrotoluene	14.68	165	9011	6.276	ng	# 18
66) 4-Bromophenyl-phenylether	16.17	248	10024	4.047	ng	# 1

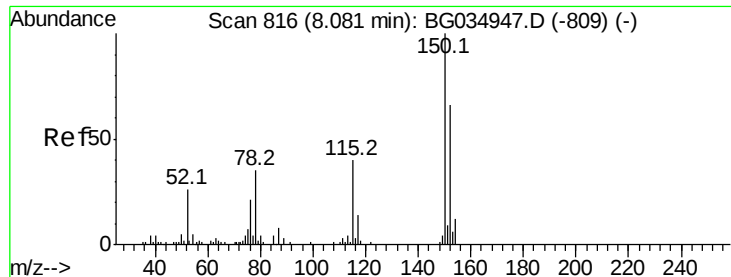
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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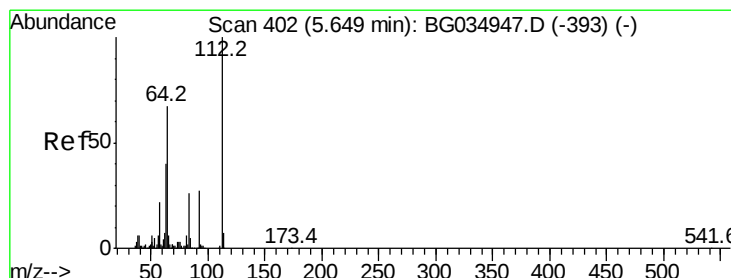
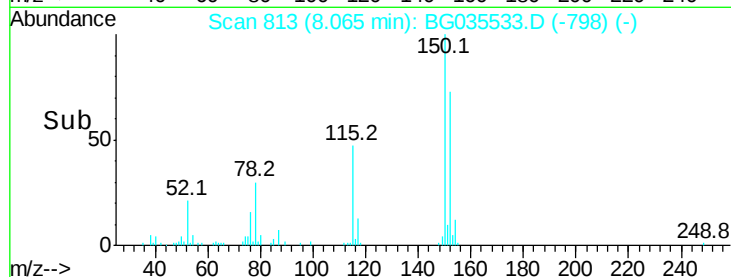
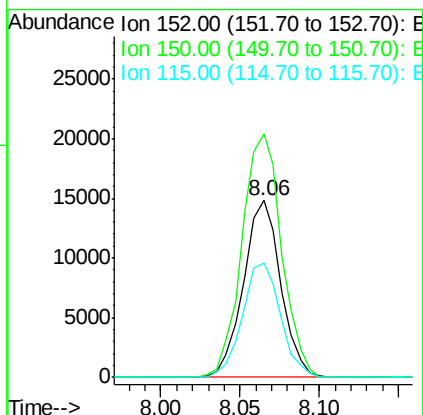
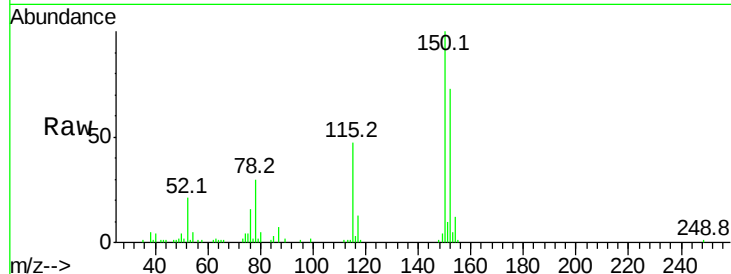


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG035533.D
Acq: 30 Jun 2018 9:00

Instrument :
BNA_G
ClientSampled :

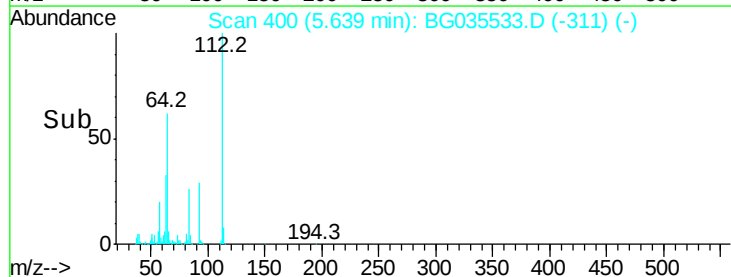
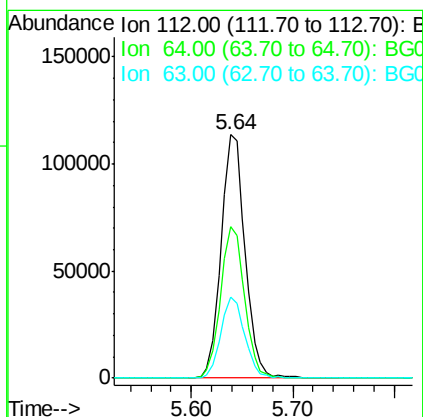
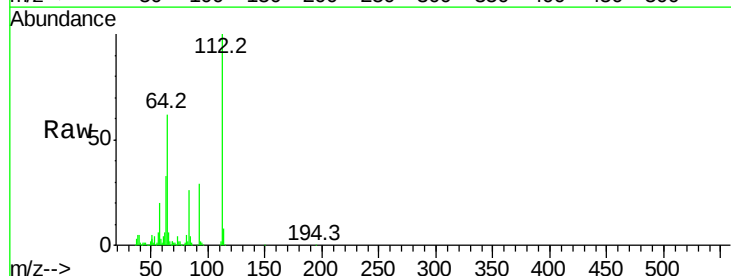
Tot Ion	Ratio	Lower	Upper
152	100		
150	137.9	126.6	189.8
115	64.9	53.0	79.4

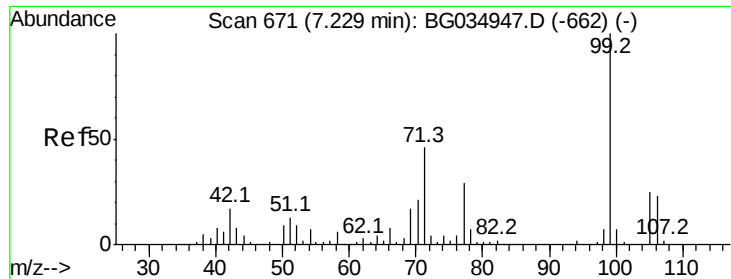


#5

2-Fluorophenol
Concen: 130.070 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG035533.D
Acq: 30 Jun 2018 9:00

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.0	56.3	84.5
63	33.3	30.1	45.1





#7

Phenol-d6

Concen: 128.483 ng

RT: 7.22 min Scan# 670

Delta R.T. 0.00 min

Lab File: BG035533.D

Acq: 30 Jun 2018 9:00

Instrument :

BNA_G

ClientSampleId :

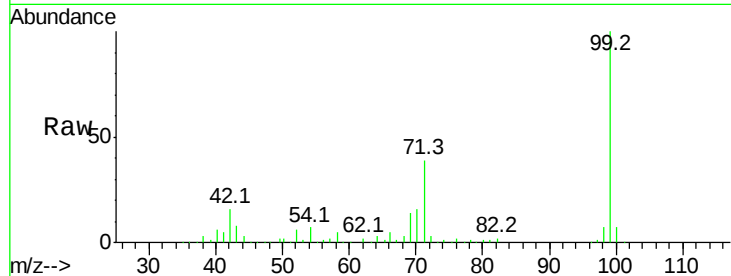
Tot Ion: 99 Resp: 271774

Ion Ratio Lower Upper

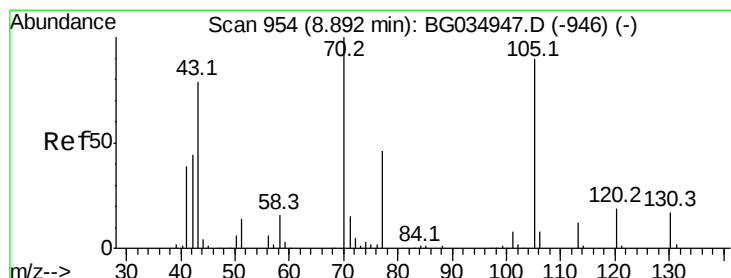
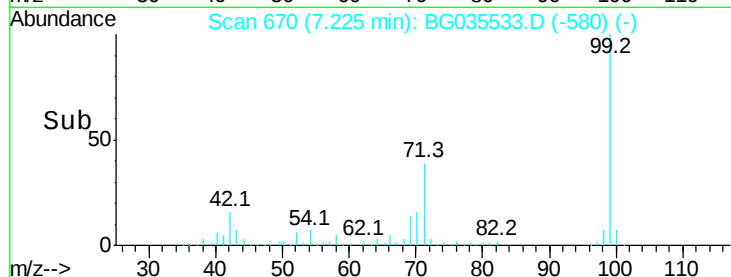
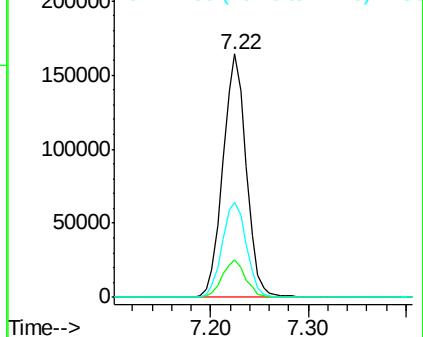
99 100

42 15.5 14.1 21.1

71 39.0 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: 12.726 ng

RT: 9.22 min Scan# 1010

Delta R.T. 0.34 min

Lab File: BG035533.D

Acq: 30 Jun 2018 9:00

Tgt Ion: 70 Resp: 22870

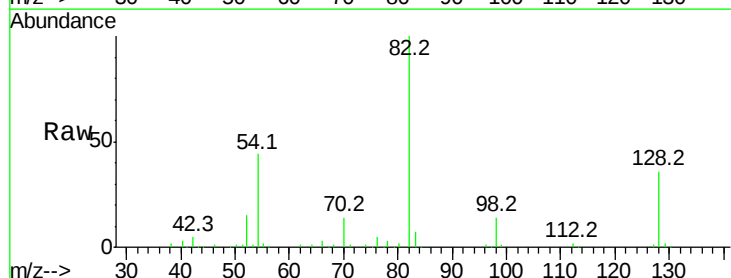
Ion Ratio Lower Upper

70 100

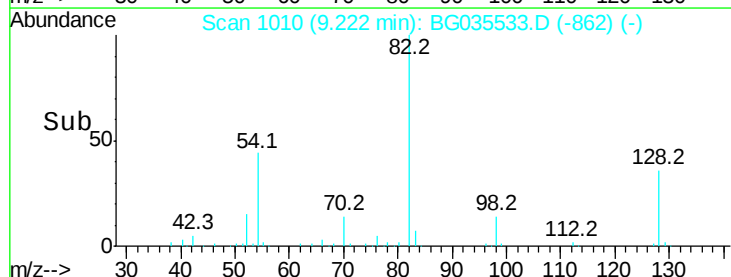
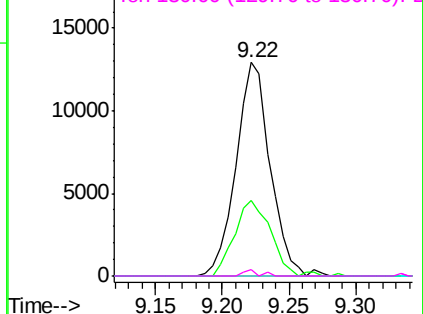
42 35.3 49.1 73.7#

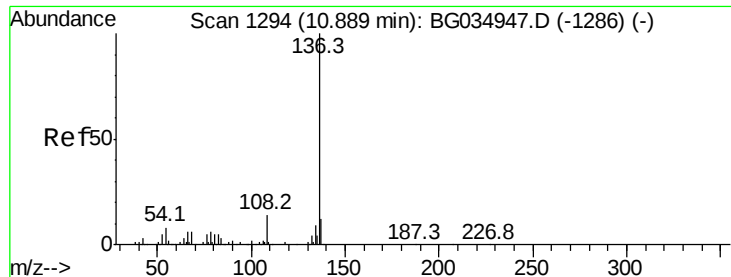
101 0.0 8.5 12.7#

130 2.9 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

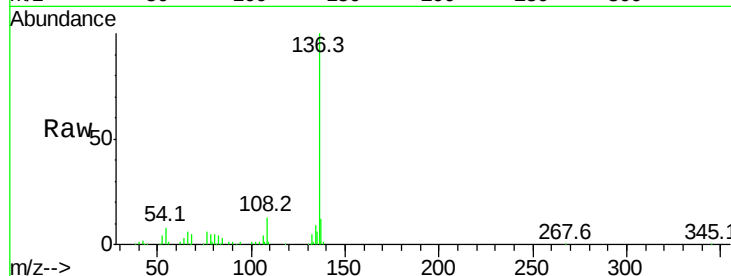




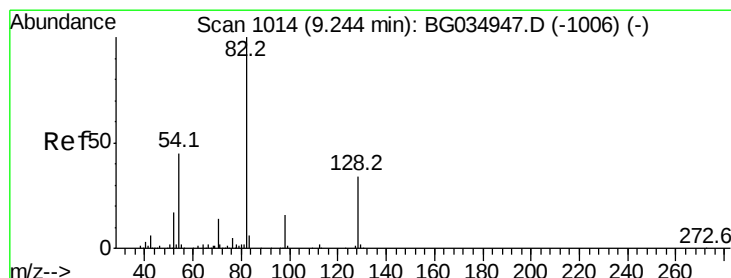
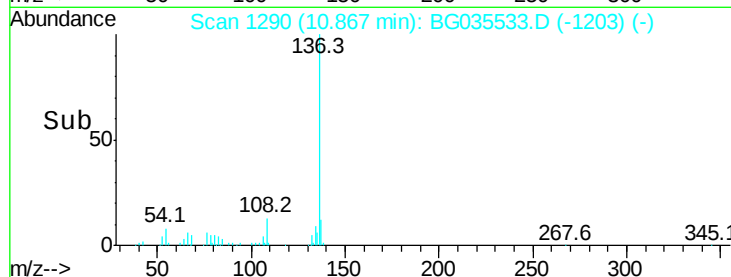
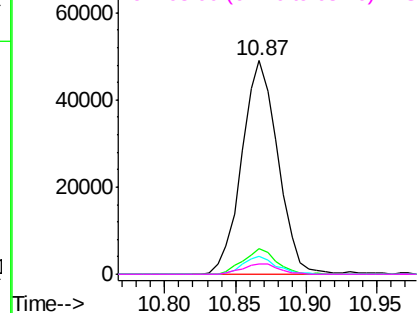
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BG035533.D
Acq: 30 Jun 2018 9:00

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	87326
Ion	Ratio	Lower	Upper
136	100		
137	12.2	9.2	13.8
54	8.3	10.3	15.5
68	4.7	4.5	6.7

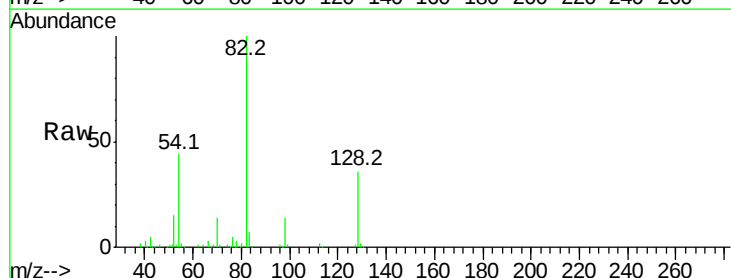


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

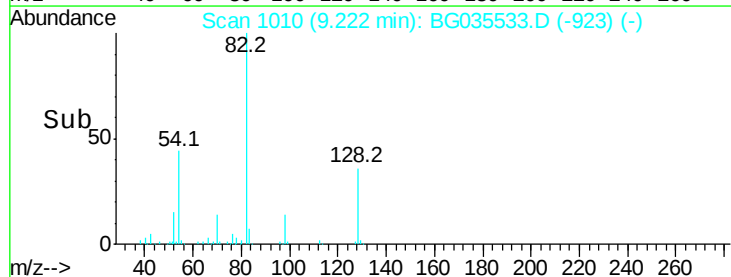
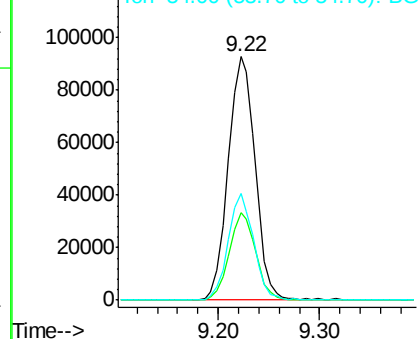


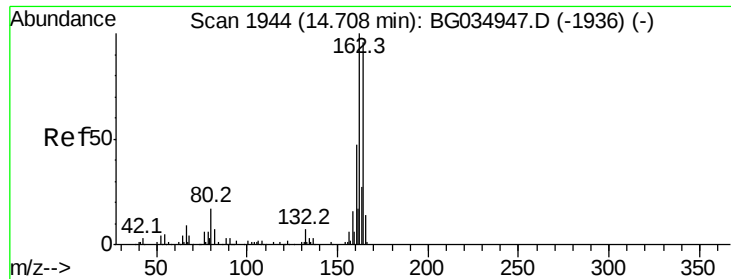
#23
Nitrobenzene-d5
Concen: 93.035 ng
RT: 9.22 min Scan# 1010
Delta R.T. -0.02 min
Lab File: BG035533.D
Acq: 30 Jun 2018 9:00

Tgt Ion:	82	Resp:	170915
Ion	Ratio	Lower	Upper
82	100		
128	35.8	29.7	44.5
54	44.0	43.1	64.7



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

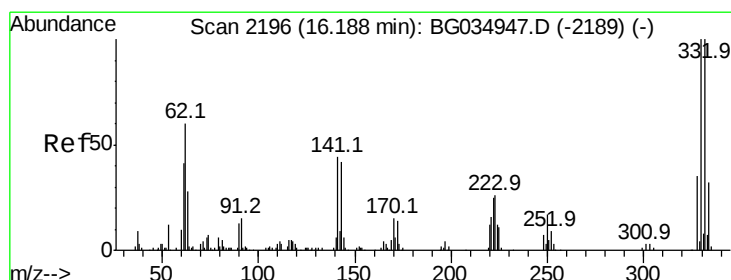
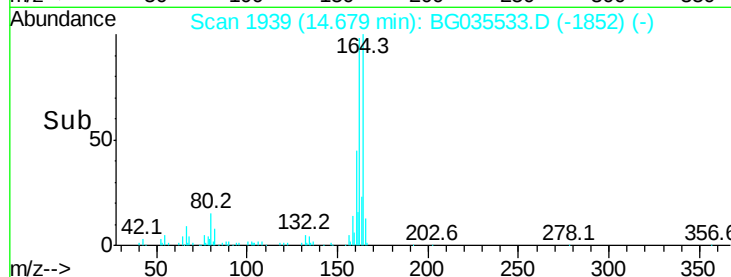
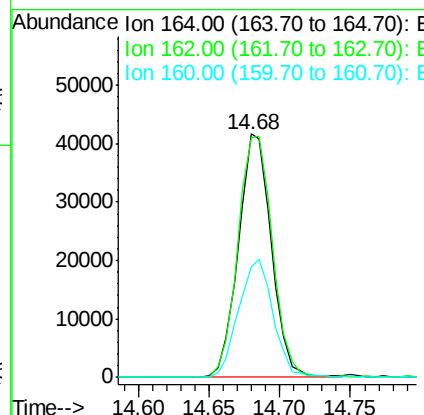
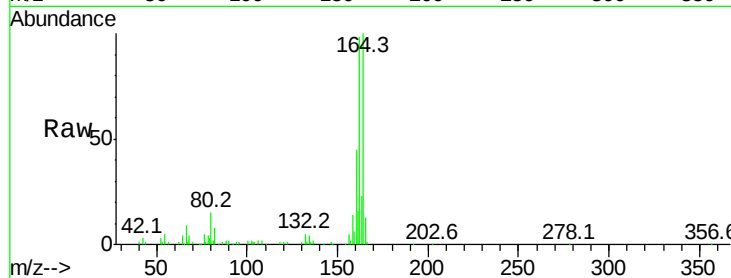




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1939
 Delta R.T. -0.02 min
 Lab File: BG035533.D
 Acq: 30 Jun 2018 9:00

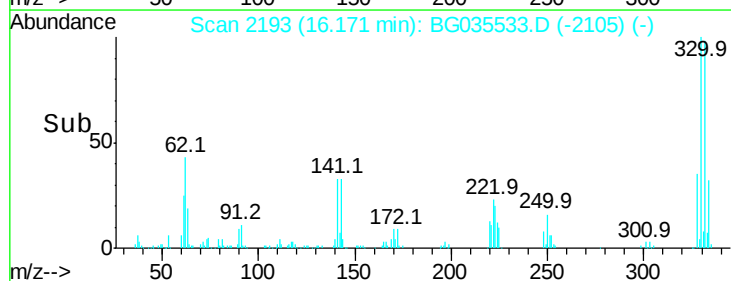
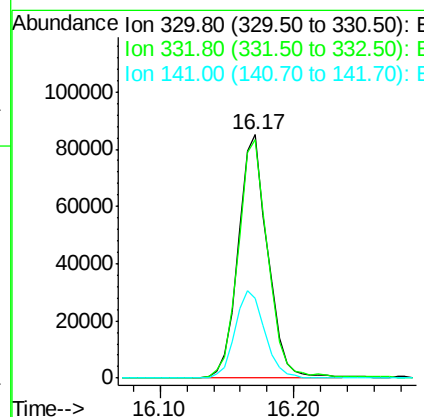
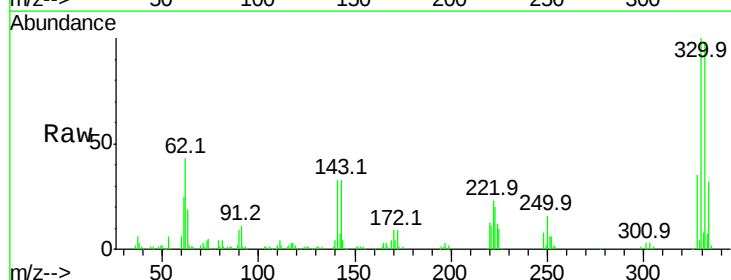
Instrument :
 BNA_G
 ClientSampleId :

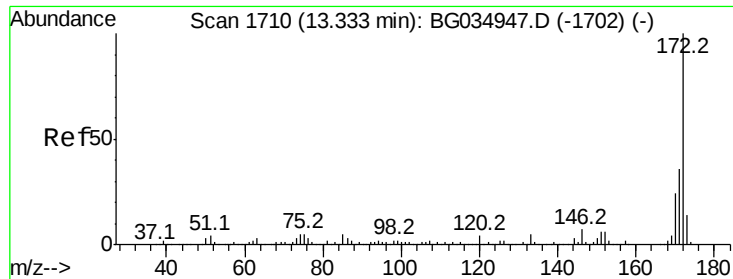
Tot Ion:164 Resp: 67940
 Ion Ratio Lower Upper
 164 100
 162 98.3 78.8 118.2
 160 45.2 35.4 53.0



#41
 2,4,6-Tribromophenol
 Concen: 149.608 ng
 RT: 16.17 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BG035533.D
 Acq: 30 Jun 2018 9:00

Tgt Ion:330 Resp: 130117
 Ion Ratio Lower Upper
 330 100
 332 99.8 77.0 115.6
 141 36.1 25.2 37.8





#44

2-Fluorobiphenyl

Concen: 82.086 ng

RT: 13.30 min Scan# 1705

Delta R.T. -0.02 min

Lab File: BG035533.D

Acq: 30 Jun 2018 9:00

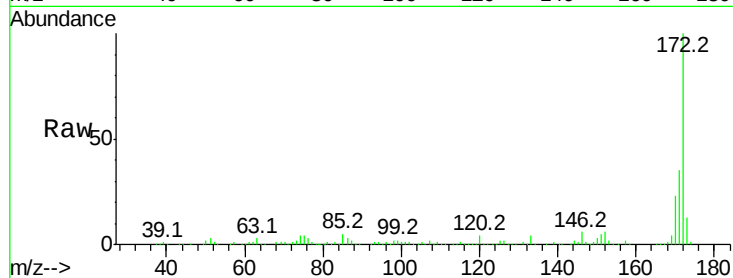
Instrument :

BNA_G

ClientSampleId :

Tot Ion:172 Resp: 428995

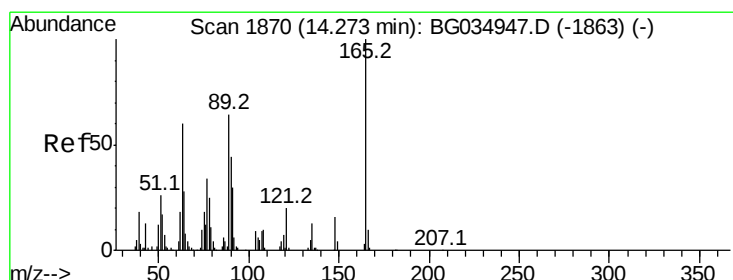
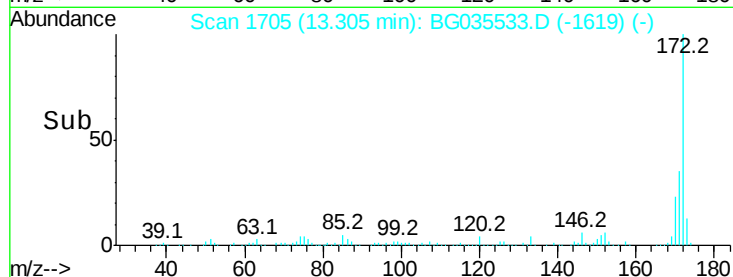
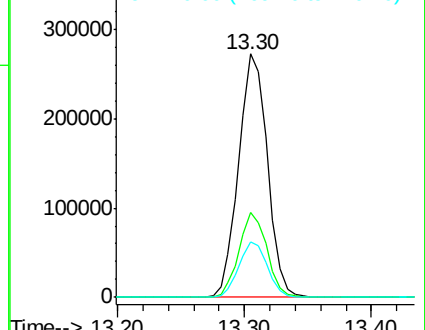
Ion	Ratio	Lower	Upper
172	100		
171	35.1	30.0	45.0
170	23.0	19.5	29.3



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



#50

2,6-Dinitrotoluene

Concen: 8.337 ng

RT: 14.68 min Scan# 1939

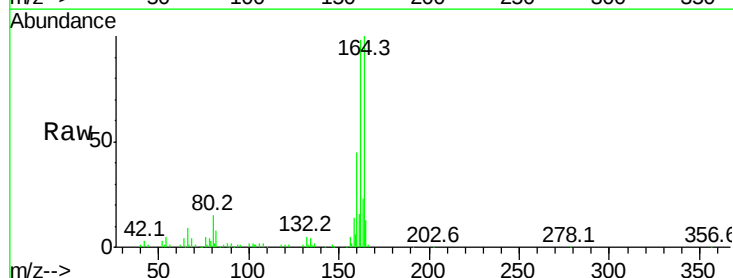
Delta R.T. 0.41 min

Lab File: BG035533.D

Acq: 30 Jun 2018 9:00

Tgt Ion:165 Resp: 9011

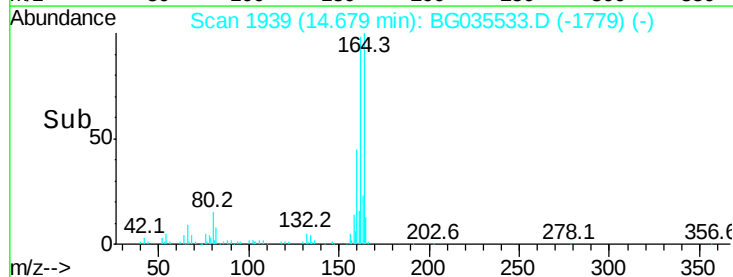
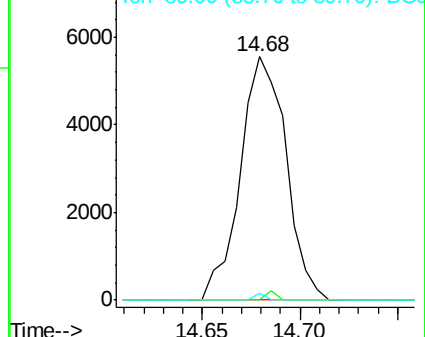
Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.7	79.1#
89	2.8	49.2	73.8#

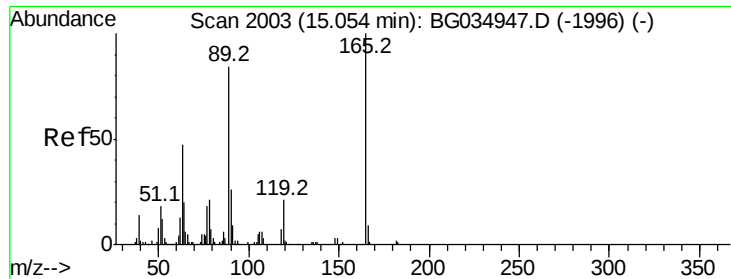


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

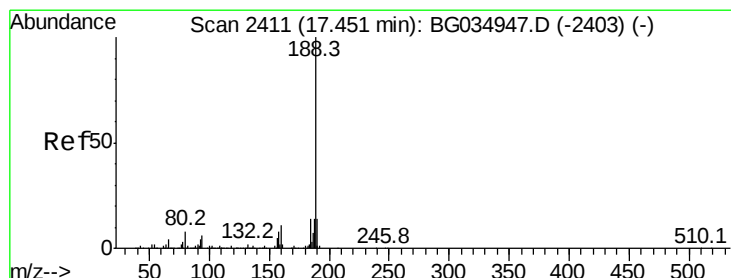
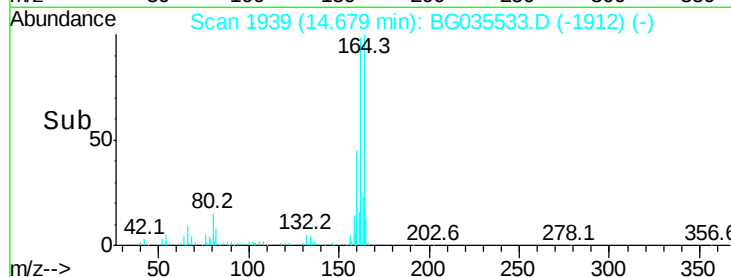
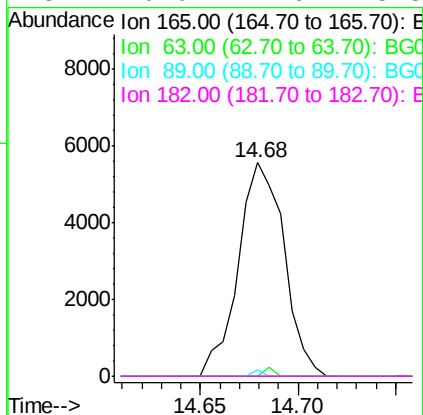
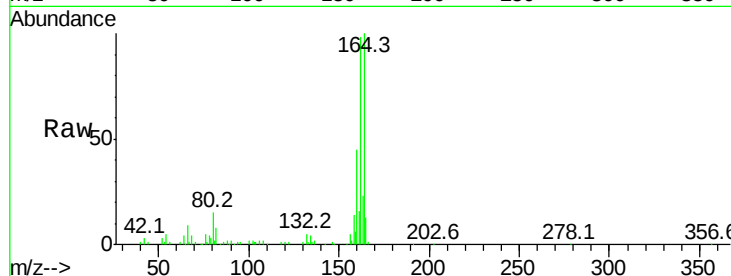




#56
 2,4-Dinitrotoluene
 Concen: 6.276 ng
 RT: 14.68 min Scan# 1939
 Delta R.T. -0.37 min
 Lab File: BG035533.D
 Acq: 30 Jun 2018 9:00

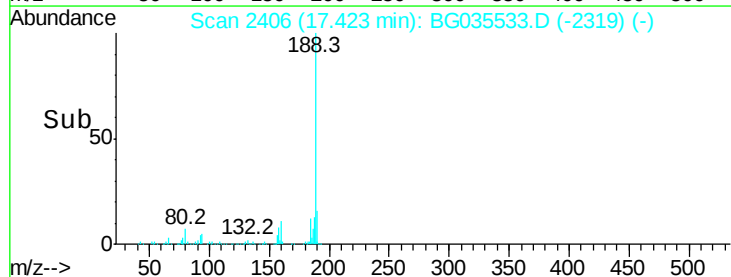
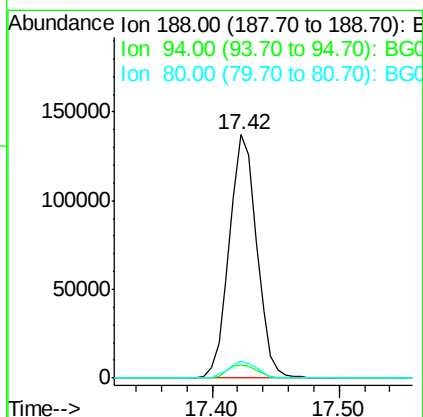
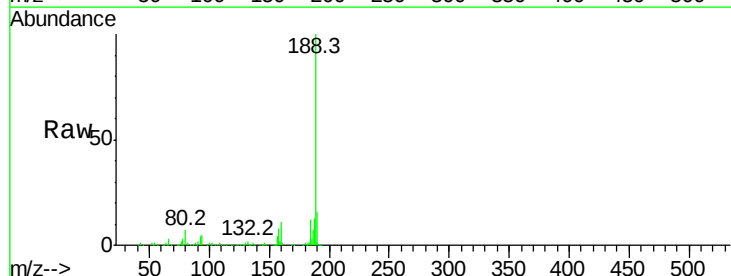
Instrument :
 BNA_G
 ClientSampleId :

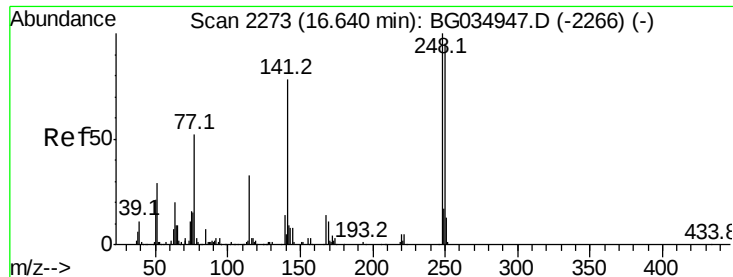
Tot Ion:165 Resp: 9011
 Ion Ratio Lower Upper
 165 100
 63 0.0 42.0 63.0#
 89 2.8 66.9 100.3#
 182 0.0 2.6 3.8#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2406
 Delta R.T. -0.02 min
 Lab File: BG035533.D
 Acq: 30 Jun 2018 9:00

Tgt Ion:188 Resp: 205681
 Ion Ratio Lower Upper
 188 100
 94 5.4 6.9 10.3#
 80 6.9 7.7 11.5#

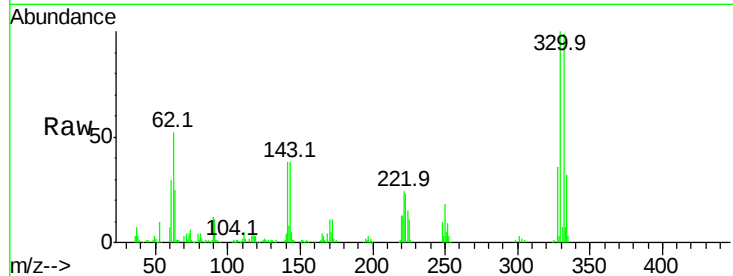




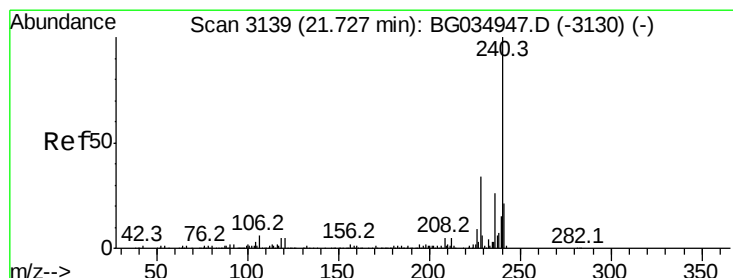
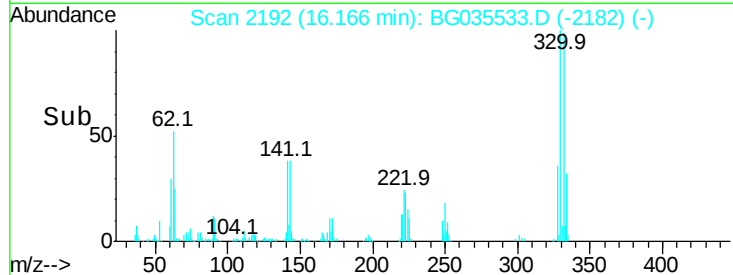
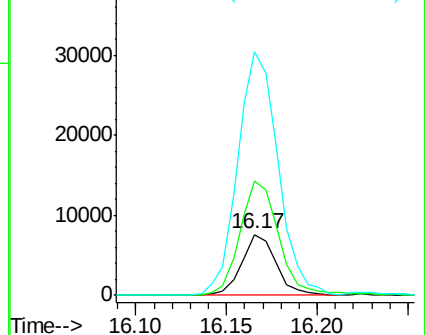
#66
4-Bromophenyl-phenylether
Concen: 4.047 ng
RT: 16.17 min Scan# 2192
Delta R.T. -0.47 min
Lab File: BG035533.D
Acq: 30 Jun 2018 9:00

Instrument :
BNA_G
ClientSampled :

Tot Ion:248 Resp: 10024
Ion Ratio Lower Upper
248 100
250 186.3 77.1 115.7#
141 397.9 50.8 76.2#

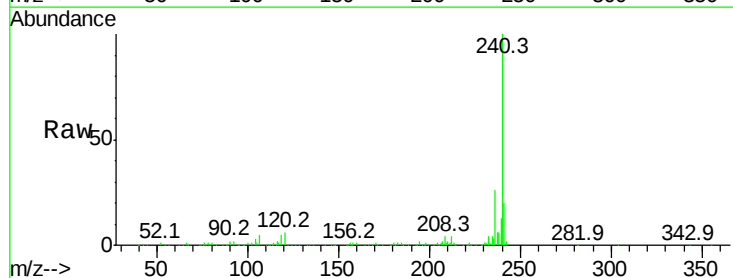


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

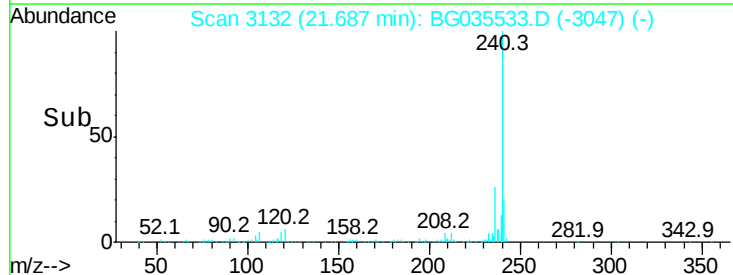
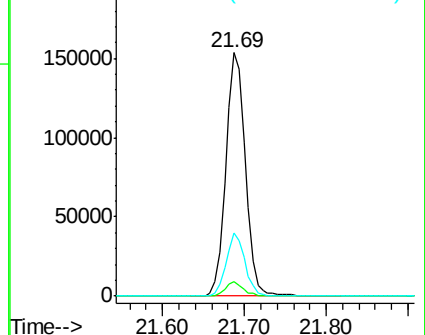


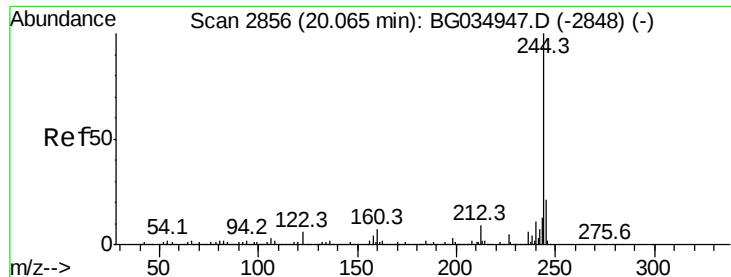
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3132
Delta R.T. -0.03 min
Lab File: BG035533.D
Acq: 30 Jun 2018 9:00

Tgt Ion:240 Resp: 254490
Ion Ratio Lower Upper
240 100
120 5.9 6.8 10.2#
236 26.2 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: 84.023 ng

RT: 20.03 min Scan# 2850

Delta R.T. -0.02 min

Lab File: BG035533.D

Acq: 30 Jun 2018 9:00

Instrument :

BNA_G

ClientSampleId :

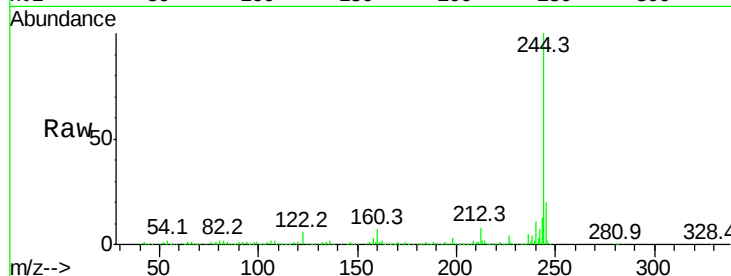
Tot Ion:244 Resp: 1020828

Ion Ratio Lower Upper

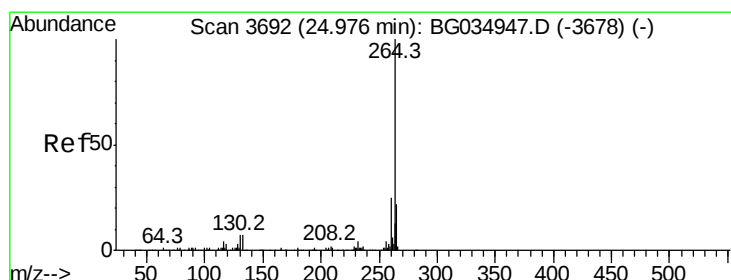
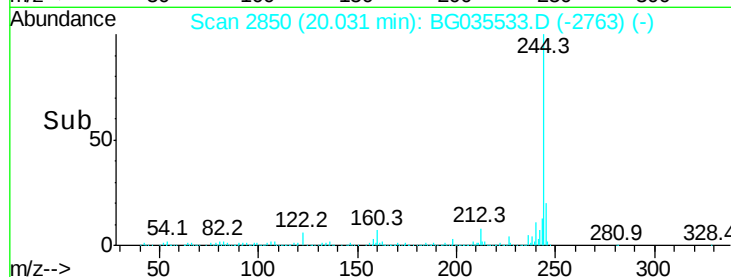
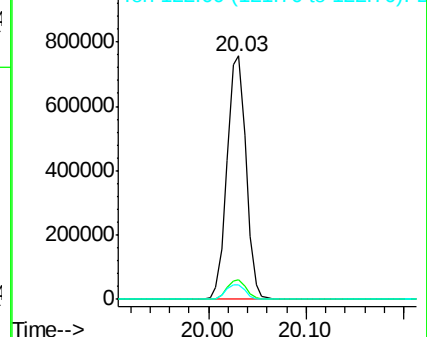
244 100

212 8.0 5.8 8.8

122 6.1 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: BG035533.D

Acq: 30 Jun 2018 9:00

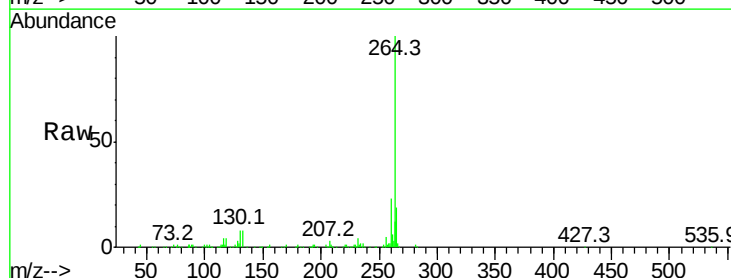
Tgt Ion:264 Resp: 235491

Ion Ratio Lower Upper

264 100

260 23.4 17.4 26.0

265 19.2 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

