

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070218\
 Data File : BG035557.D
 Acq On : 2 Jul 2018 19:00
 Operator : JU/SJ
 Sample : J3248-10
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 03 04:48:48 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	2414	20.00	ng	-0.02
21) Naphthalene-d8	10.87	136	8881	20.00	ng	-0.02
38) Acenaphthene-d10	14.69	164	3607	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	7361	20.00	ng	-0.02
75) Chrysene-d12	21.69	240	4763	20.00	ng	-0.03
86) Perylene-d12	24.92	264	4185	20.00	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.66	112	80498	562.75	ng	0.01
7) Phenol-d6	7.26	99	137528	651.41	ng	0.04
23) Nitrobenzene-d5	9.22	82	25251	135.15	ng	-0.02
41) 2,4,6-Tribromophenol	16.17	330	5615	121.60	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	19760	71.22	ng	-0.02
78) Terphenyl-d14	20.03	244	43294	190.40	ng	-0.02

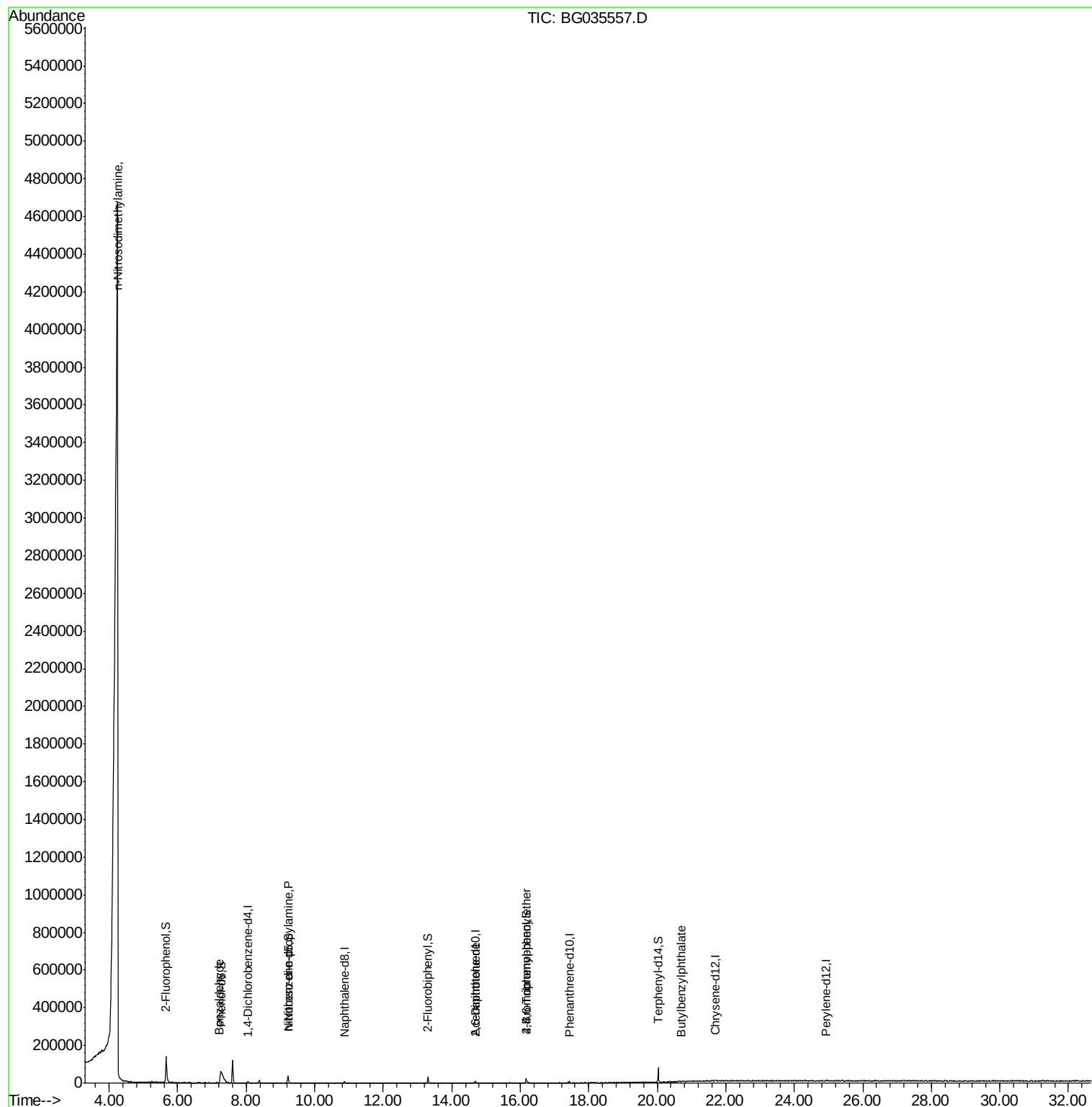
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) n-Nitrosodimethylamine	4.24	42	1866521	23593.919	ng	# 4
9) Benzaldehyde	7.22	77	780	4.796	ng	# 39
19) n-Nitroso-di-n-propylamine	9.23	70	3260	18.175	ng	# 77
50) 2,6-Dinitrotoluene	14.68	165	550	9.585	ng	# 18
66) 4-Bromophenyl-phenylether	16.17	248	342	3.858	ng	# 1
79) Butylbenzylphthalate	20.69	149	232	2.035	ng	# 20

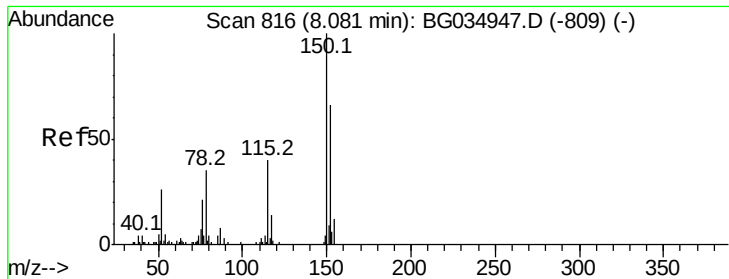
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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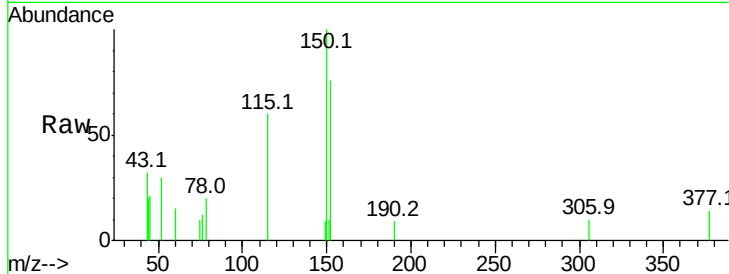


#1

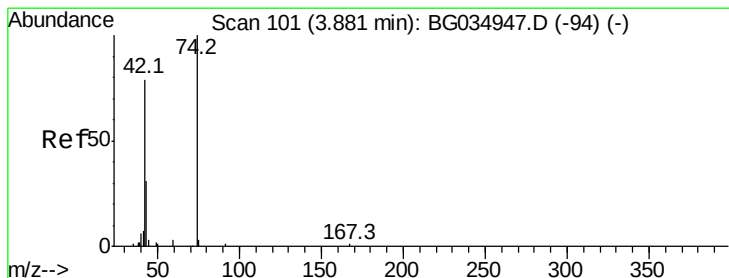
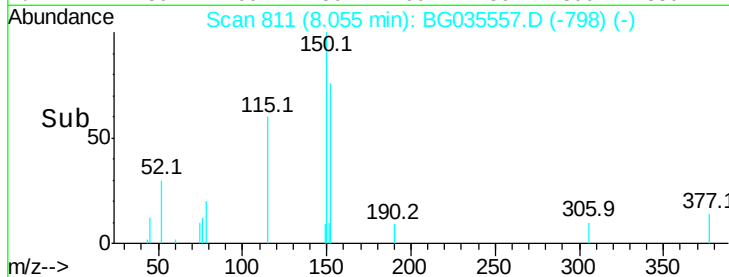
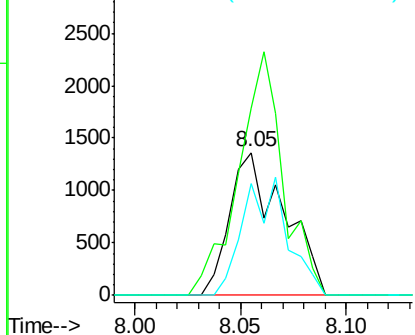
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.02 min
Lab File: BG035557.D
Acq: 2 Jul 2018 19:00

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 2414
Ion Ratio Lower Upper
152 100
150 131.3 126.6 189.8
115 78.2 53.0 79.4



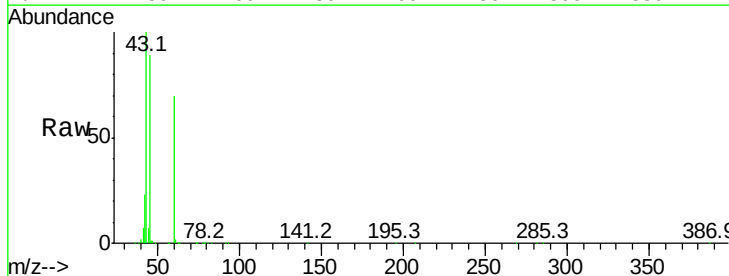
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



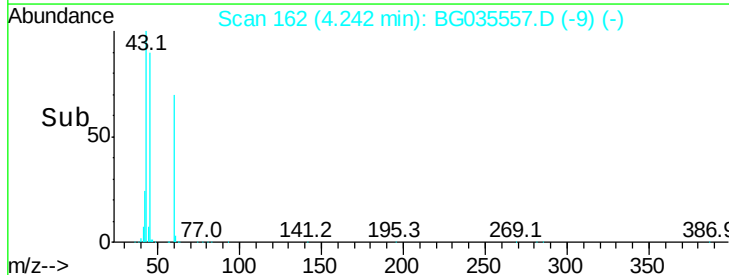
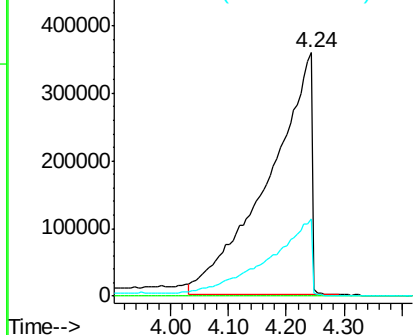
#4

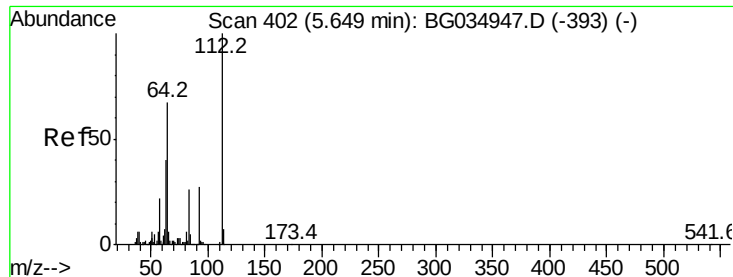
n-Nitrosodimethylamine
Concen: 23593.919 ng
RT: 4.24 min Scan# 162
Delta R.T. 0.37 min
Lab File: BG035557.D
Acq: 2 Jul 2018 19:00

Tgt Ion: 42 Resp: 1866521
Ion Ratio Lower Upper
42 100
74 0.1 102.5 153.7#
44 31.5 18.9 28.3#



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 562.755 ng

RT: 5.66 min Scan# 403

Delta R.T. 0.01 min

Lab File: BG035557.D

Acq: 2 Jul 2018 19:00

Instrument :

BNA_G

ClientSampleId :

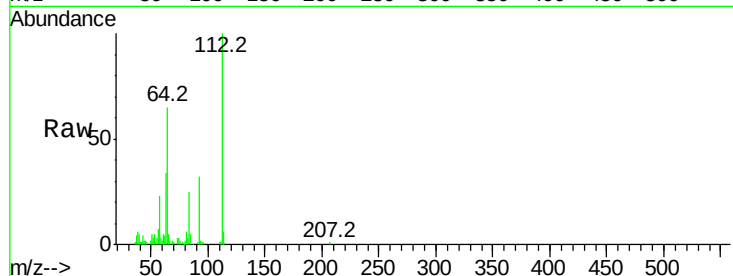
Tot Ion:112 Resp: 80498

Ion Ratio Lower Upper

112 100

64 64.8 56.3 84.5

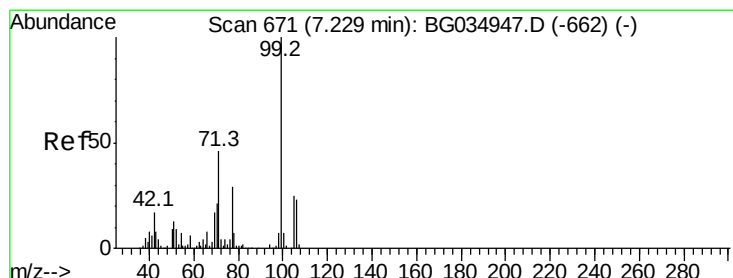
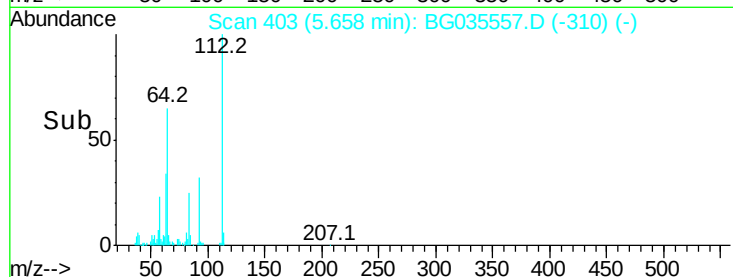
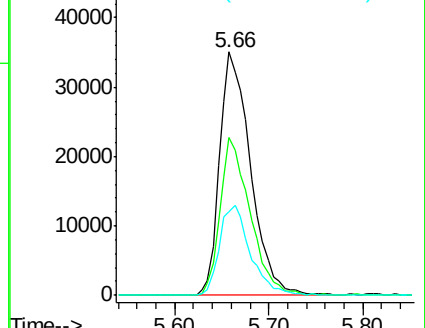
63 34.4 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#7

Phenol-d6

Concen: 651.413 ng

RT: 7.26 min Scan# 676

Delta R.T. 0.04 min

Lab File: BG035557.D

Acq: 2 Jul 2018 19:00

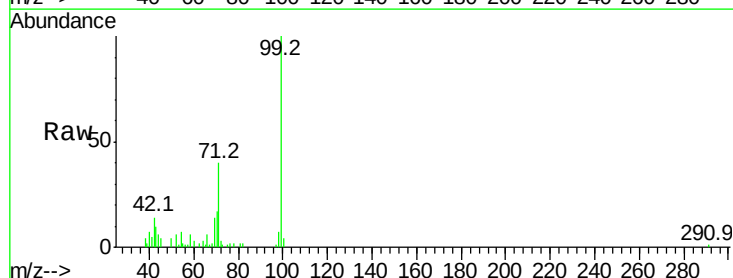
Tgt Ion: 99 Resp: 137528

Ion Ratio Lower Upper

99 100

42 13.9 14.1 21.1#

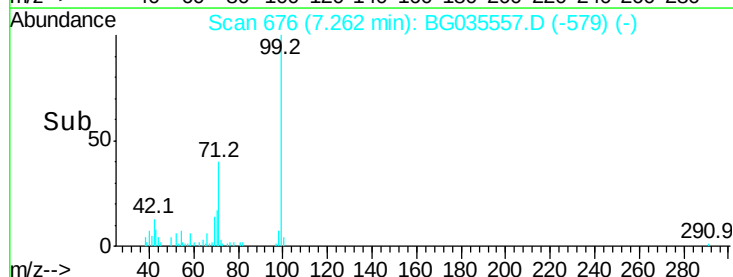
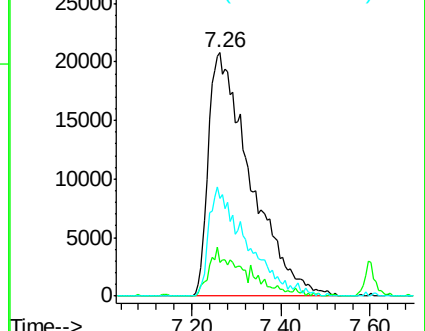
71 40.1 26.1 39.1#

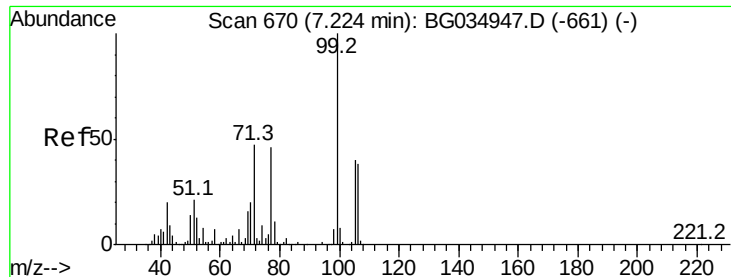


Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC





#9

Benzaldehyde

Concen: 4.796 ng

RT: 7.22 min Scan# 669

Delta R.T. 0.01 min

Lab File: BG035557.D

Acq: 2 Jul 2018 19:00

Instrument :

BNA_G

ClientSampled :

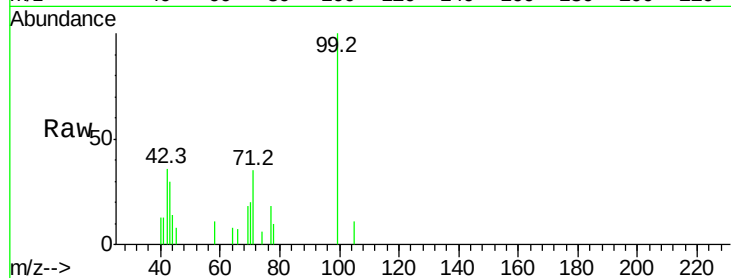
Tot Ion: 77 Resp: 780

Ion Ratio Lower Upper

77 100

105 61.8 71.3 111.3#

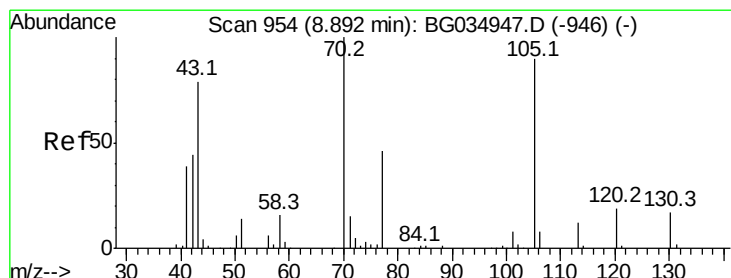
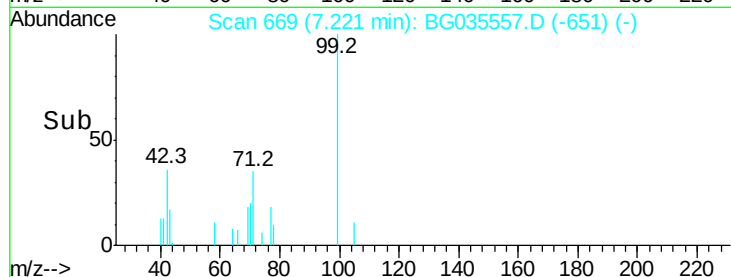
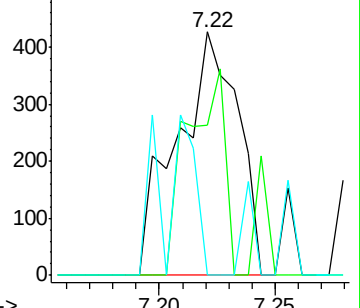
106 0.0 64.2 104.2#



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#19

n-Nitroso-di-n-propylamine

Concen: 18.175 ng

RT: 9.23 min Scan# 1011

Delta R.T. 0.35 min

Lab File: BG035557.D

Acq: 2 Jul 2018 19:00

Tgt Ion: 70 Resp: 3260

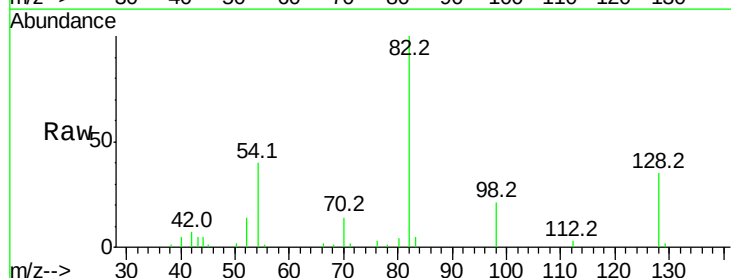
Ion Ratio Lower Upper

70 100

42 48.2 49.1 73.7#

101 0.0 8.5 12.7#

130 0.0 13.4 20.0#

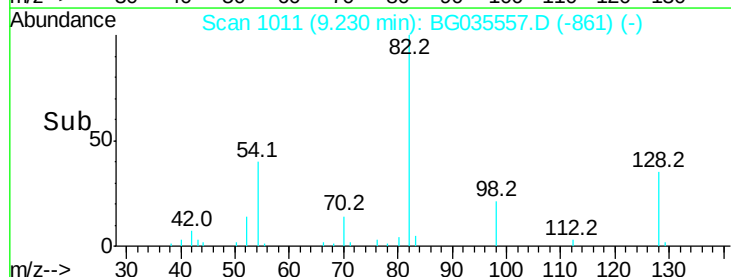
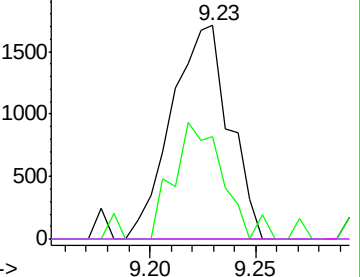


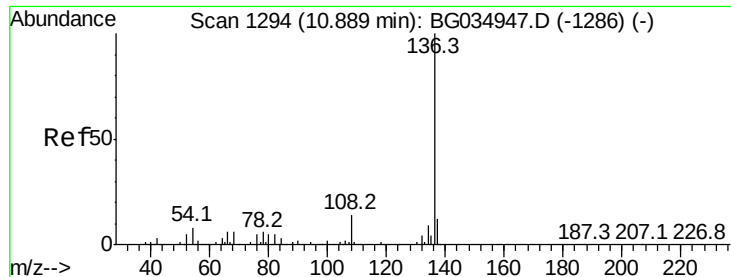
Abundance Ion 70.00 (69.70 to 70.70): BGC

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

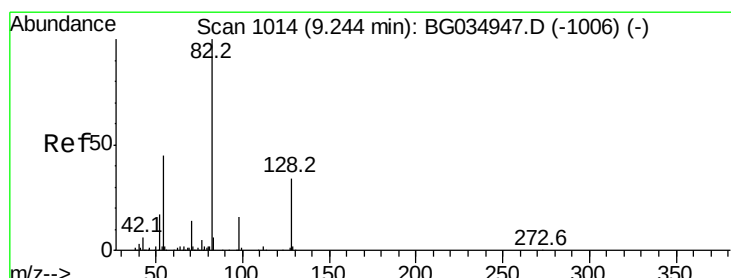
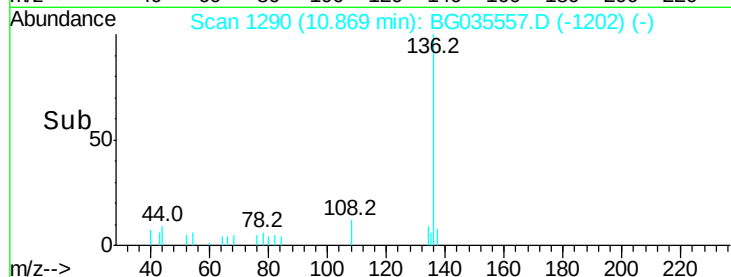
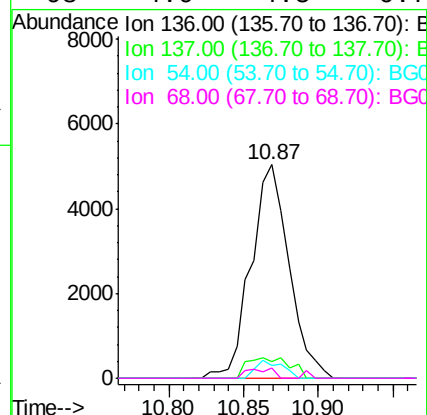
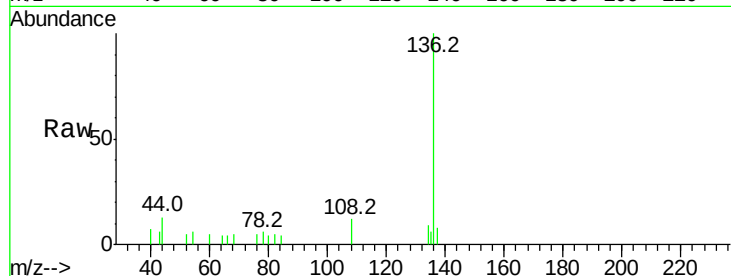




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BG035557.D
Acq: 2 Jul 2018 19:00

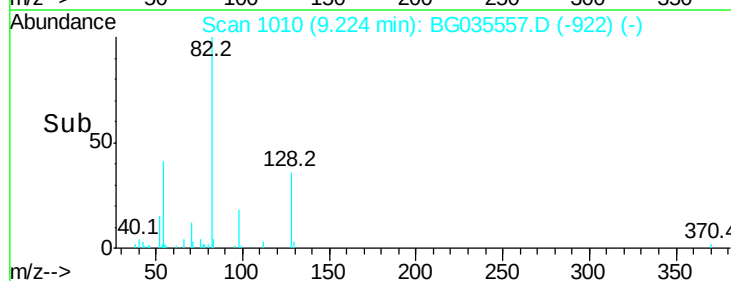
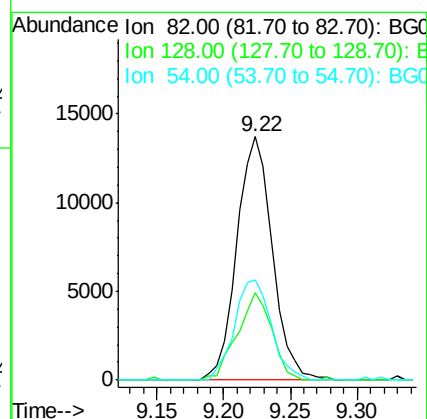
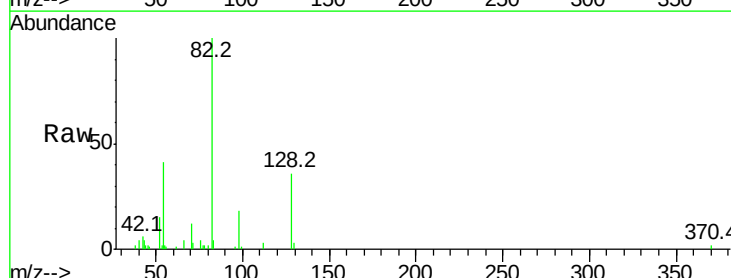
Instrument :
BNA_G
ClientSampleId :

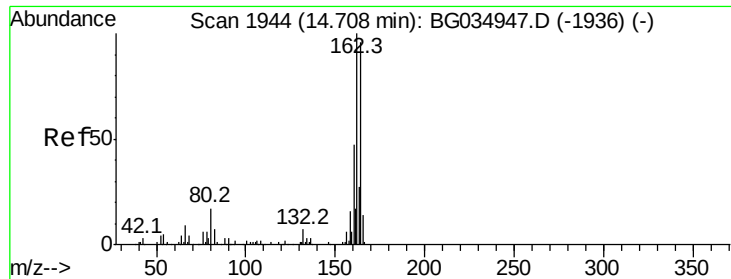
Tot Ion:136	Resp:	8881
Ion Ratio	Lower	Upper
136 100		
137 7.5	9.2	13.8#
54 6.3	10.3	15.5#
68 4.9	4.5	6.7



#23
Nitrobenzene-d5
Concen: 135.153 ng
RT: 9.22 min Scan# 1010
Delta R.T. -0.02 min
Lab File: BG035557.D
Acq: 2 Jul 2018 19:00

Tgt	Ion: 82	Resp:	25251
Ion	Ratio	Lower	Upper
82	100		
128	36.0	29.7	44.5
54	41.1	43.1	64.7#

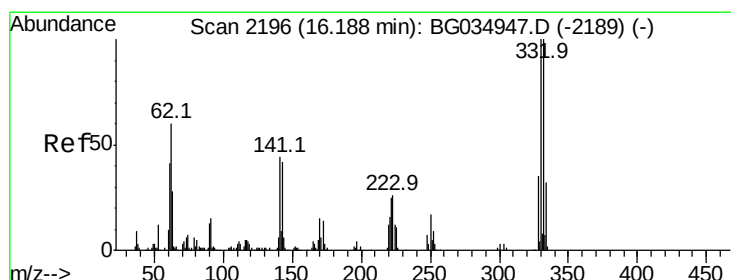
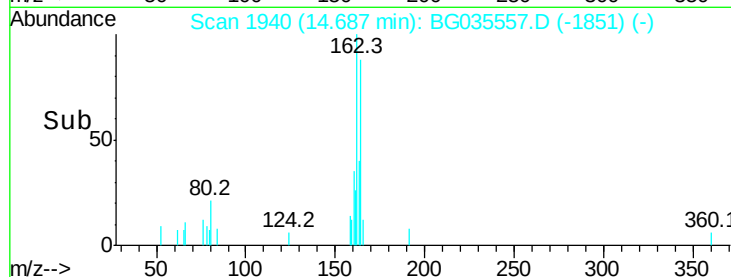
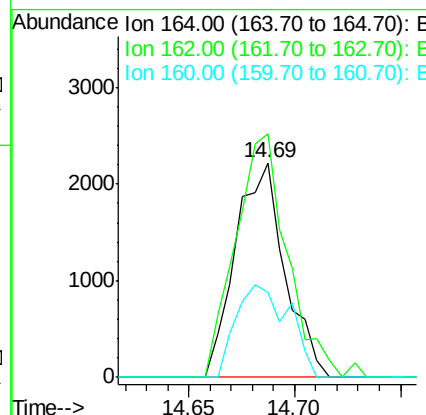
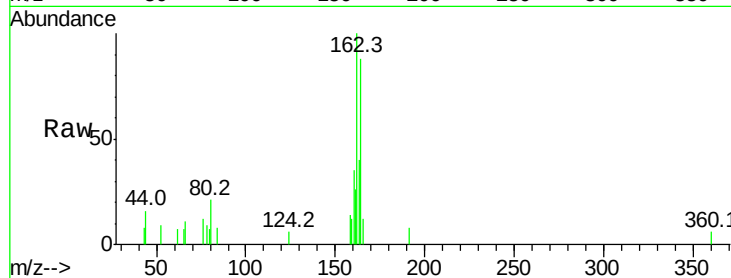




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.69 min Scan# 1940
 Delta R.T. -0.01 min
 Lab File: BG035557.D
 Acq: 2 Jul 2018 19:00

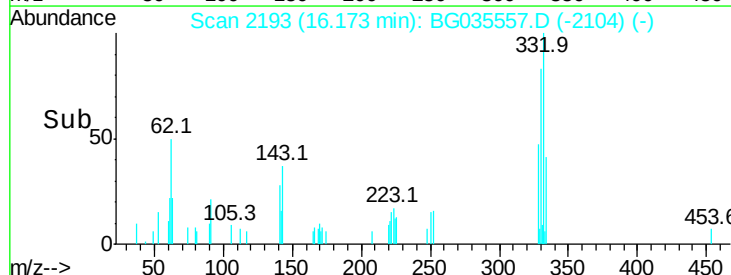
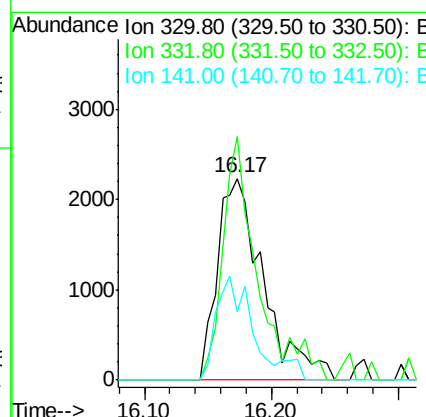
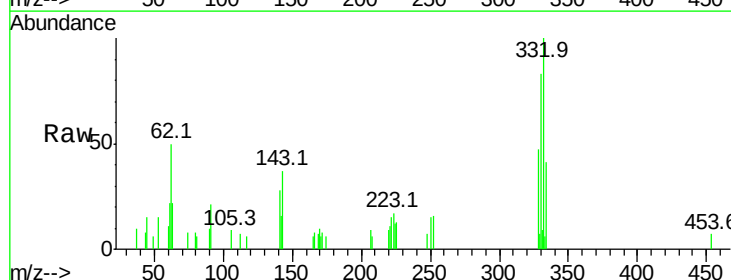
Instrument :
 BNA_G
 ClientSampleId :

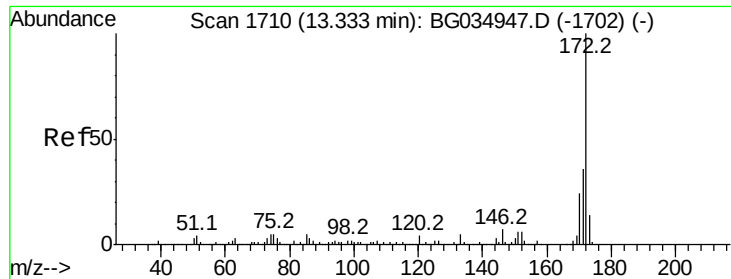
Tot Ion:164 Resp: 3607
 Ion Ratio Lower Upper
 164 100
 162 113.7 78.8 118.2
 160 39.8 35.4 53.0



#41
 2,4,6-Tribromophenol
 Concen: 121.605 ng
 RT: 16.17 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BG035557.D
 Acq: 2 Jul 2018 19:00

Tgt Ion:330 Resp: 5615
 Ion Ratio Lower Upper
 330 100
 332 81.2 77.0 115.6
 141 38.2 25.2 37.8#

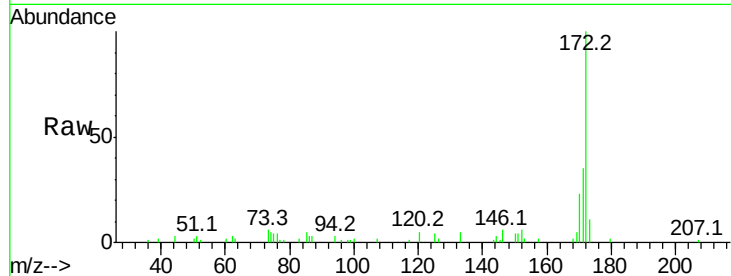




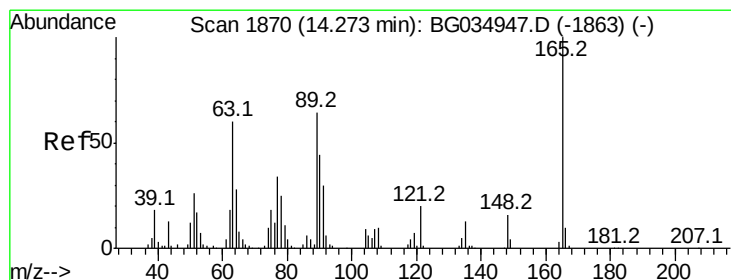
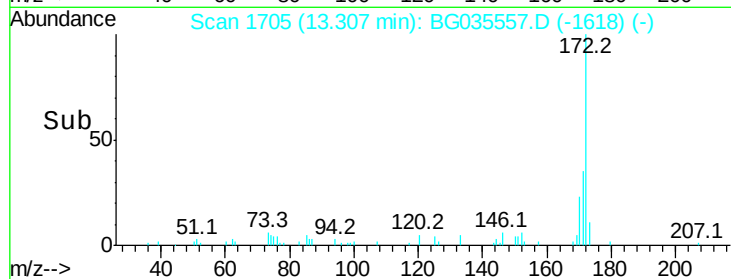
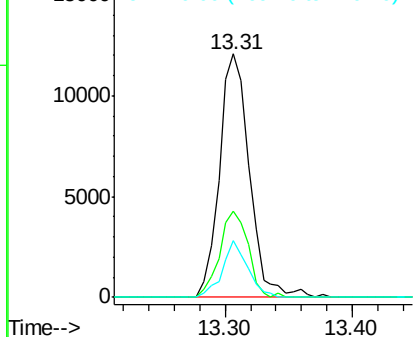
#44
2-Fluorobiphenyl
Concen: 71.217 ng
RT: 13.31 min Scan# 1705
Delta R.T. -0.02 min
Lab File: BG035557.D
Acq: 2 Jul 2018 19:00

Instrument :
BNA_G
ClientSampleId :

Tot Ion:172 Resp: 19760
Ion Ratio Lower Upper
172 100
171 35.1 30.0 45.0
170 23.1 19.5 29.3

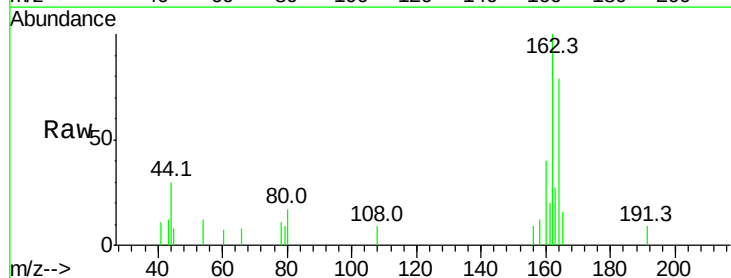


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

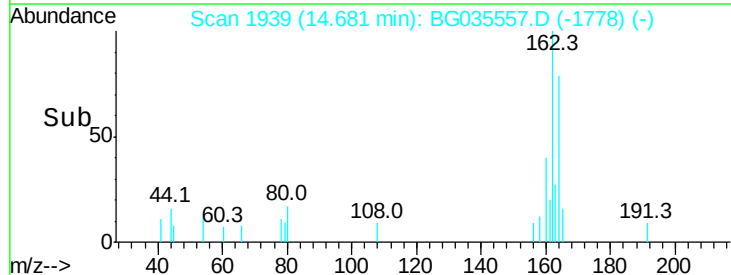
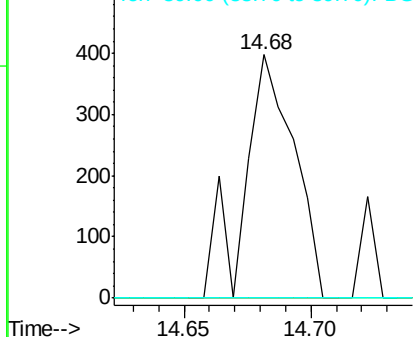


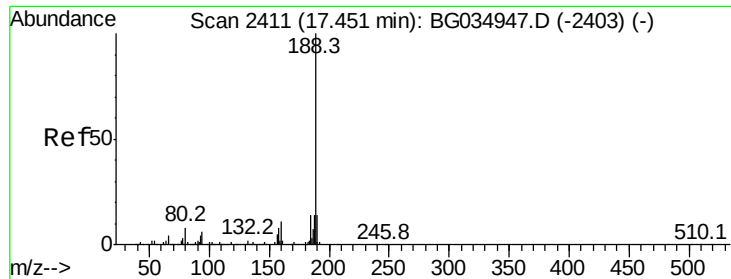
#50
2,6-Dinitrotoluene
Concen: 9.585 ng
RT: 14.68 min Scan# 1939
Delta R.T. 0.41 min
Lab File: BG035557.D
Acq: 2 Jul 2018 19:00

Tgt Ion:165 Resp: 550
Ion Ratio Lower Upper
165 100
63 0.0 52.7 79.1#
89 0.0 49.2 73.8#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG0
Ion 89.00 (88.70 to 89.70): BG0





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2406

Delta R.T. -0.02 min

Lab File: BG035557.D

Acq: 2 Jul 2018 19:00

Instrument :

BNA_G

ClientSampled :

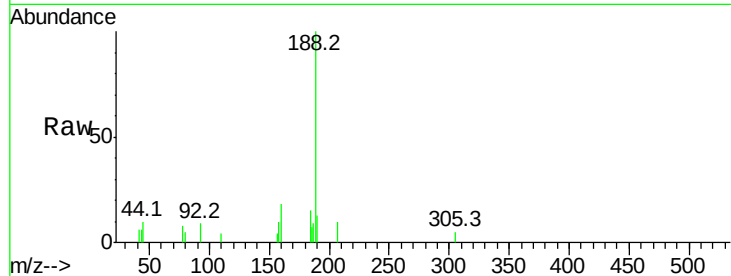
Tot Ion:188 Resp: 7361

Ion Ratio Lower Upper

188 100

94 0.0 6.9 10.3#

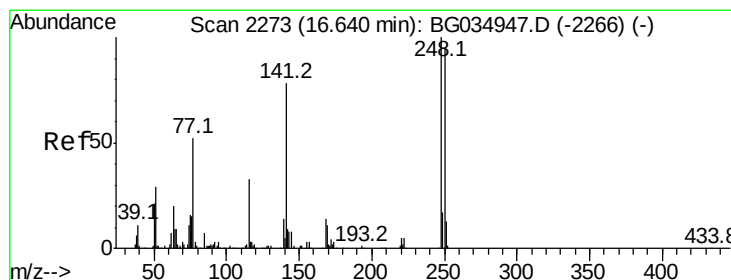
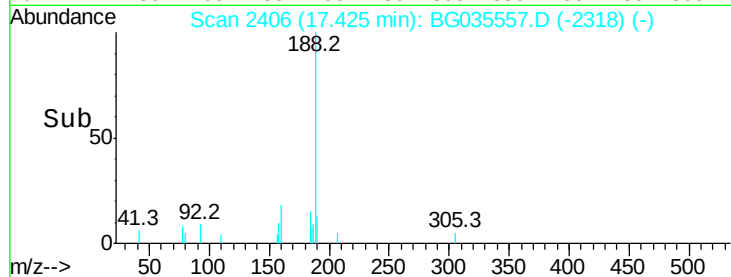
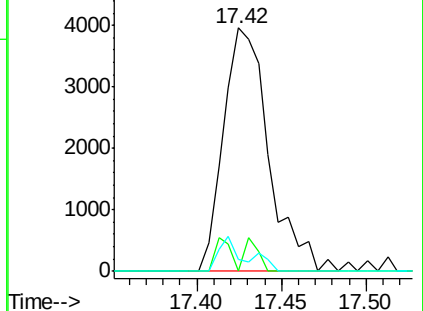
80 5.1 7.7 11.5#



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: 3.858 ng

RT: 16.17 min Scan# 2192

Delta R.T. -0.47 min

Lab File: BG035557.D

Acq: 2 Jul 2018 19:00

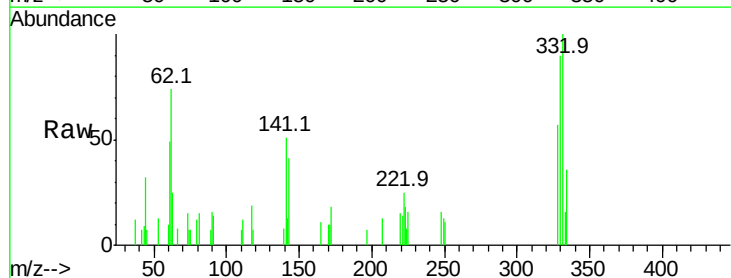
Tgt Ion:248 Resp: 342

Ion Ratio Lower Upper

248 100

250 82.1 77.1 115.7

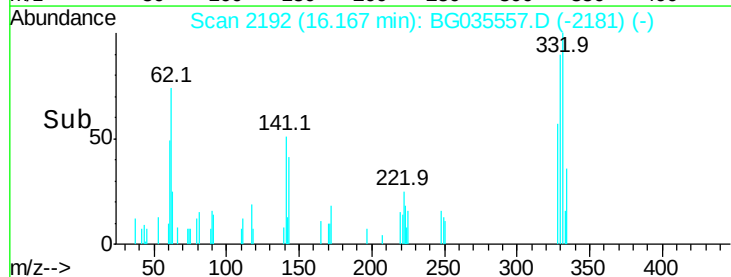
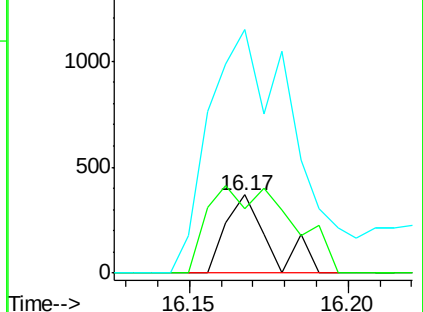
141 312.0 50.8 76.2#

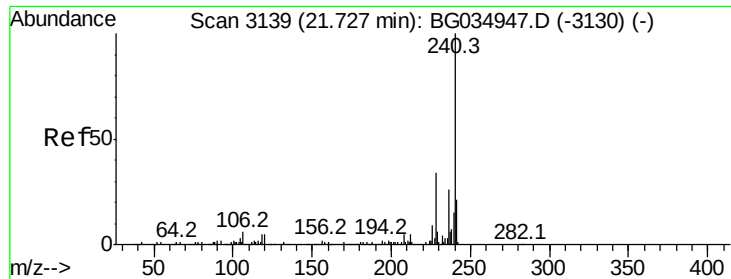


Abundance Ion 248.00 (247.70 to 248.70): E

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# 3132

Delta R.T. -0.03 min

Lab File: BG035557.D

Acq: 2 Jul 2018 19:00

Instrument :

BNA_G

ClientSampled :

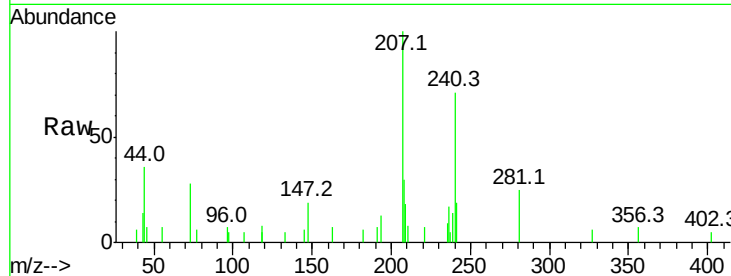
Tot Ion:240 Resp: 4763

Ion Ratio Lower Upper

240 100

120 0.0 6.8 10.2#

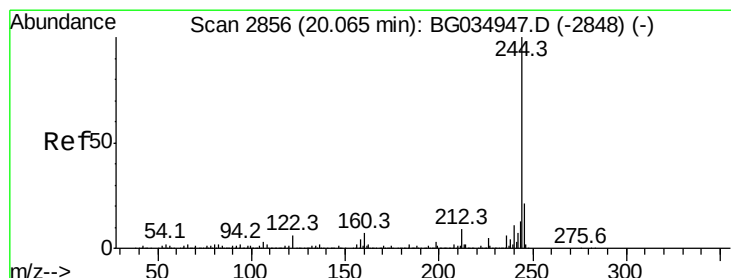
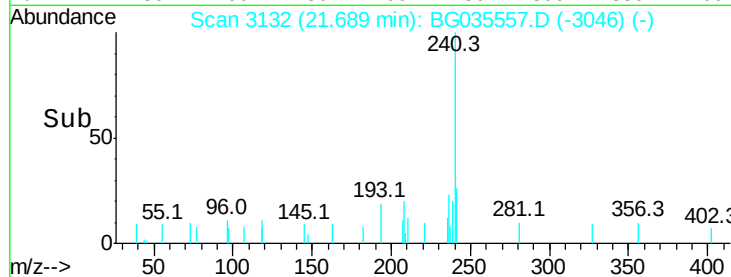
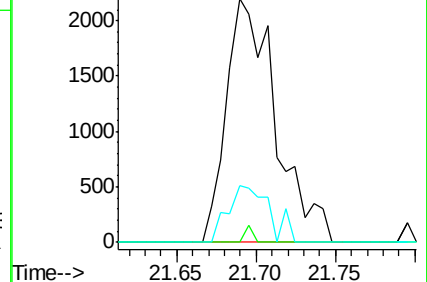
236 23.4 20.9 31.3



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: 190.399 ng

RT: 20.03 min Scan# 2849

Delta R.T. -0.02 min

Lab File: BG035557.D

Acq: 2 Jul 2018 19:00

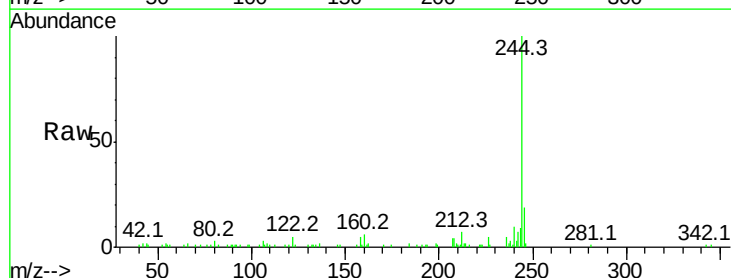
Tgt Ion:244 Resp: 43294

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.8

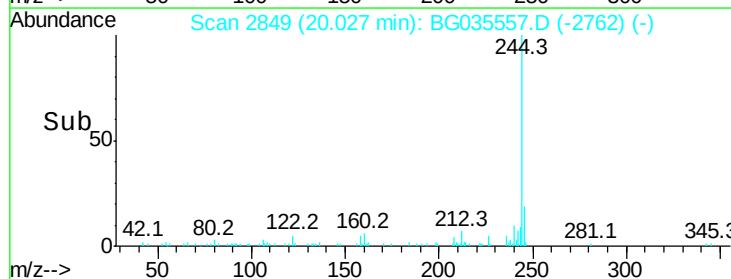
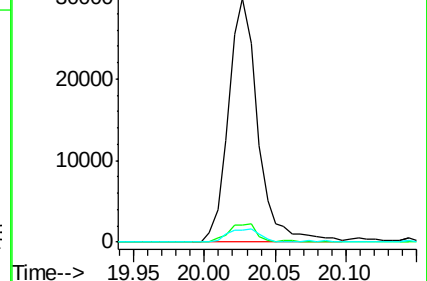
122 4.8 7.0 10.4#

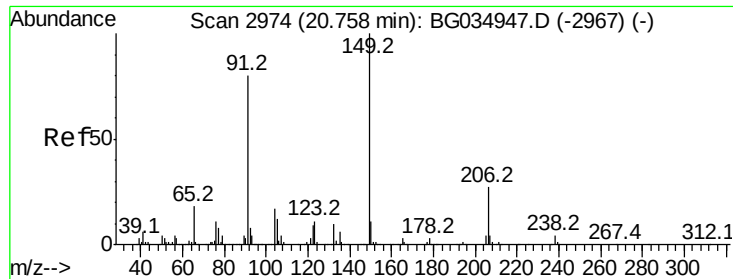


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

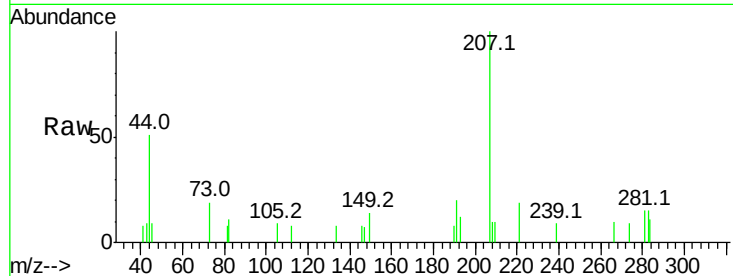




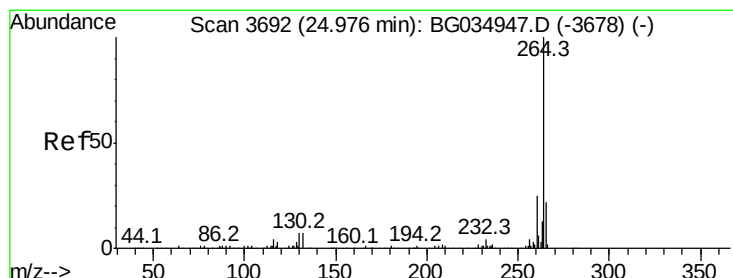
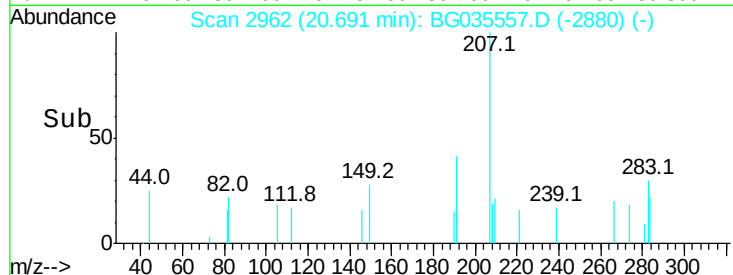
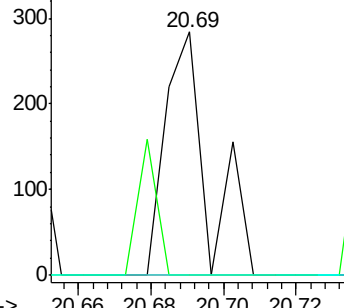
#79
Butylbenzylphthalate
Concen: 2.035 ng
RT: 20.69 min Scan# 2962
Delta R.T. -0.05 min
Lab File: BG035557.D
Acq: 2 Jul 2018 19:00

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
91	0.0	62.2	93.2#
206	0.0	18.6	27.8#

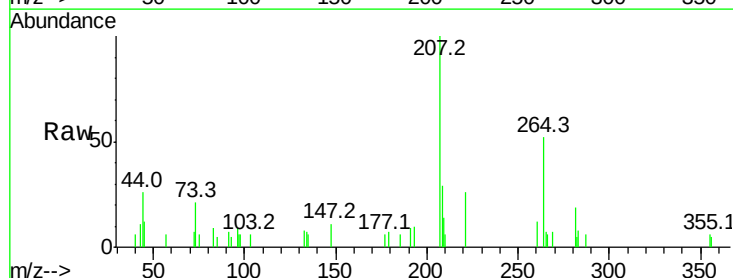


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BGC
Ion 206.00 (205.70 to 206.70): E



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.92 min Scan# 3682
Delta R.T. -0.03 min
Lab File: BG035557.D
Acq: 2 Jul 2018 19:00

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.2	17.4	26.0
265	12.8	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

