

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG061818\
 Data File : BG035217.D
 Acq On : 18 Jun 2018 13:58
 Operator : SJ/JU
 Sample : J3504-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-51COMP

Quant Time: Jun 18 16:21:13 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

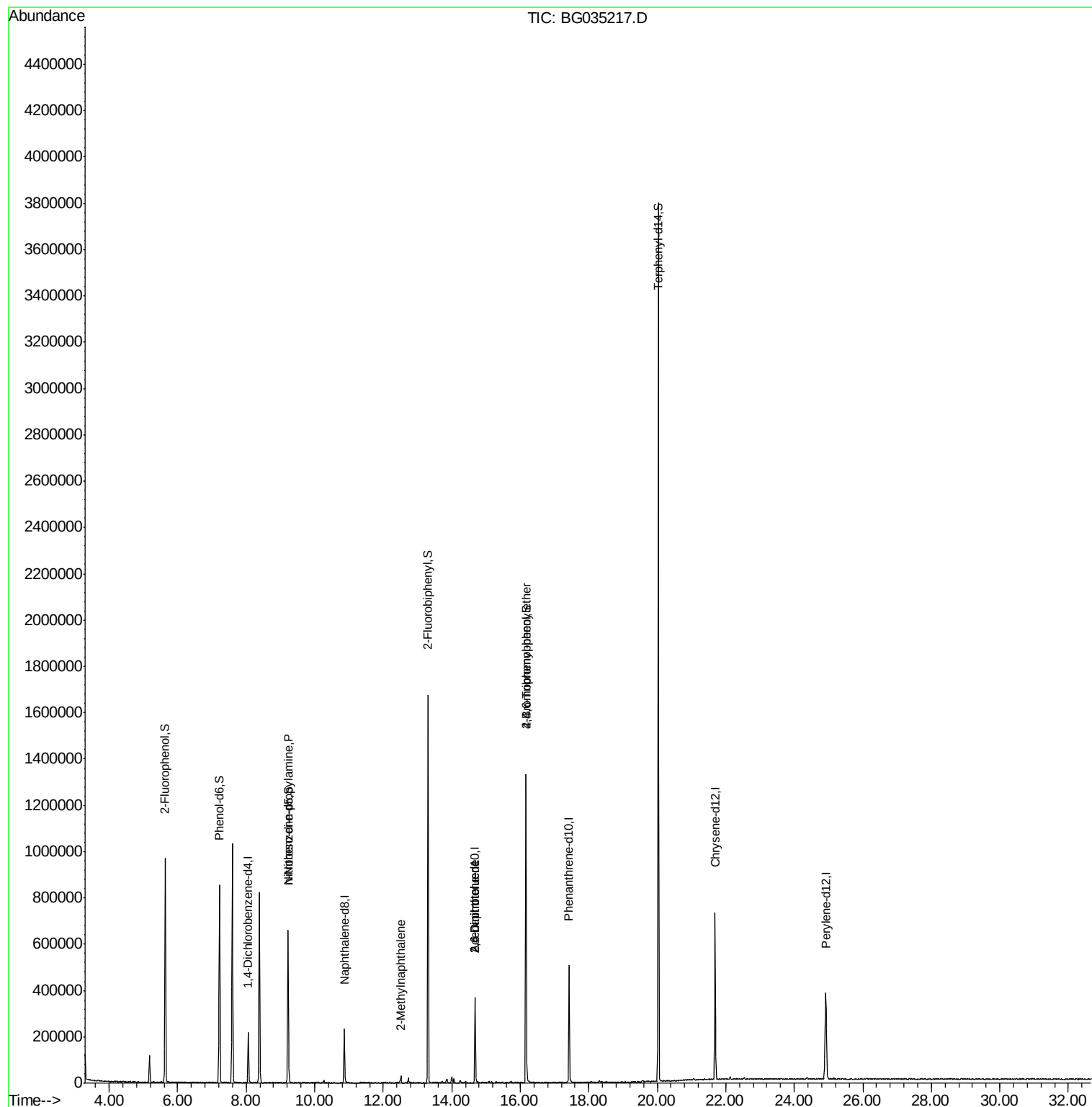
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	60832	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	202629	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	128507	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	318891	20.00	ng	-0.02
75) Chrysene-d12	21.69	240	446060	20.00	ng	-0.03
86) Perylene-d12	24.92	264	429408	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	424251	117.70	ng	0.00
7) Phenol-d6	7.22	99	523868	98.47	ng	0.00
23) Nitrobenzene-d5	9.22	82	434053	101.82	ng	-0.02
41) 2,4,6-Tribromophenol	16.17	330	245672	149.34	ng	-0.02
44) 2-Fluorobiphenyl	13.31	172	894184	90.46	ng	-0.02
78) Terphenyl-d14	20.03	244	1777254	83.46	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	60747	13.440	ng	Qvalue # 62
37) 2-Methylnaphthalene	12.52	142	16136	2.022	ng	90
50) 2,6-Dinitrotoluene	14.68	165	17312	8.468	ng	# 18
56) 2,4-Dinitrotoluene	14.68	165	17312	6.375	ng	# 16
66) 4-Bromophenyl-phenylether	16.17	248	20454	5.326	ng	# 1

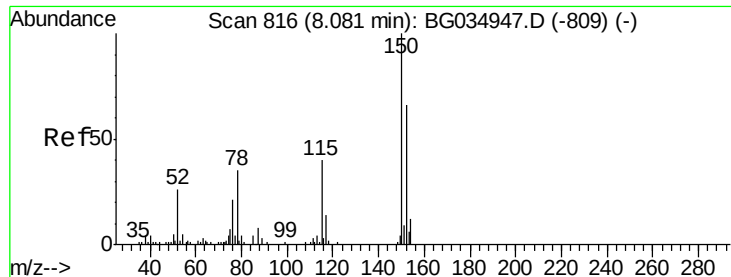
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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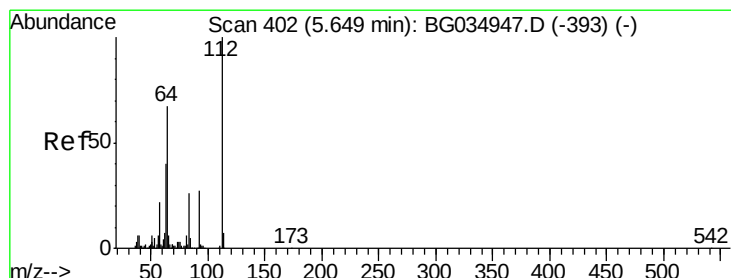
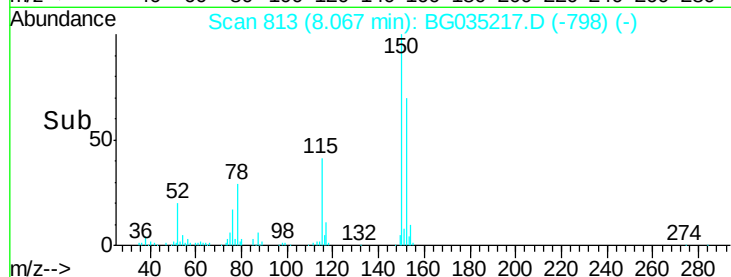
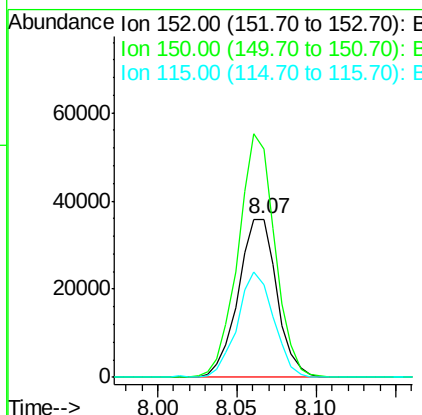
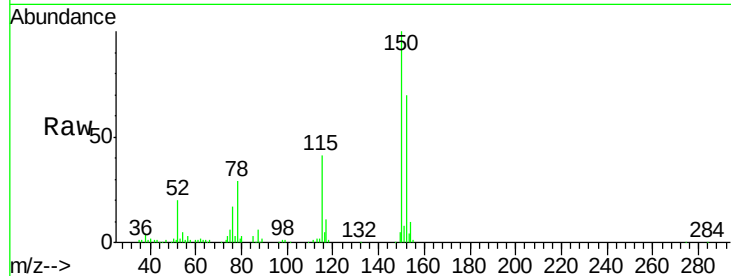


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG035217.D
Acq: 18 Jun 2018 13:58

Instrument :
BNA_G
ClientSampleId :
SB-51COMP

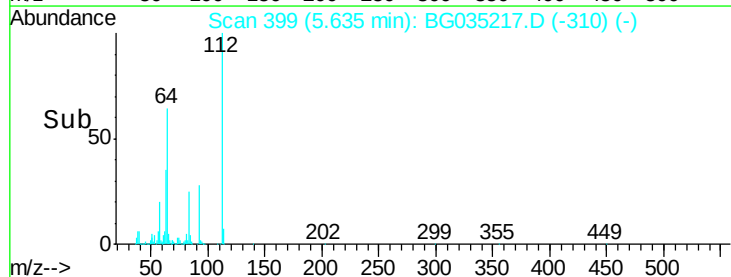
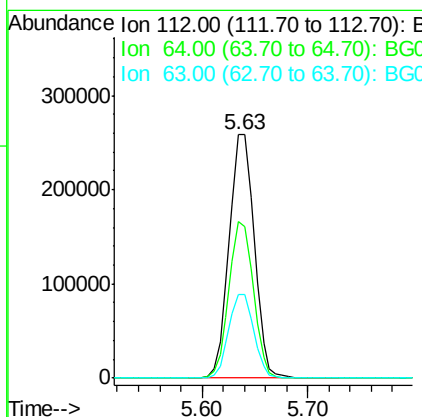
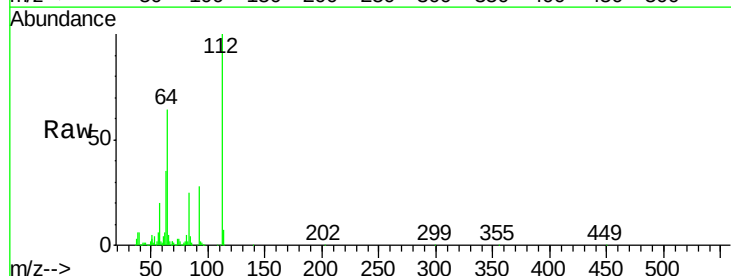
Tgt Ion:152 Resp: 60832
Ion Ratio Lower Upper
152 100
150 143.9 126.6 189.8
115 58.8 53.0 79.4

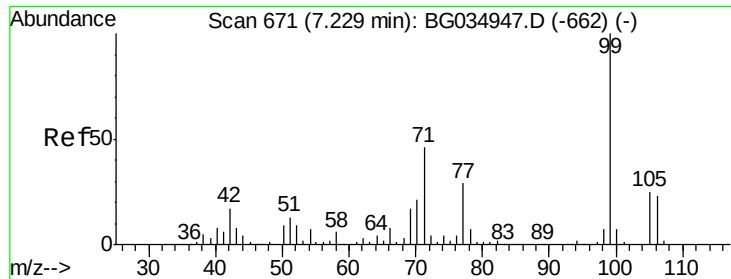


#5

2-Fluorophenol
Concen: 117.696 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.01 min
Lab File: BG035217.D
Acq: 18 Jun 2018 13:58

Tgt Ion:112 Resp: 424251
Ion Ratio Lower Upper
112 100
64 64.1 56.3 84.5
63 34.6 30.1 45.1





#7

Phenol-d6

Concen: 98.467 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG035217.D

Acq: 18 Jun 2018 13:58

Instrument :

BNA_G

ClientSampleId :

SB-51COMP

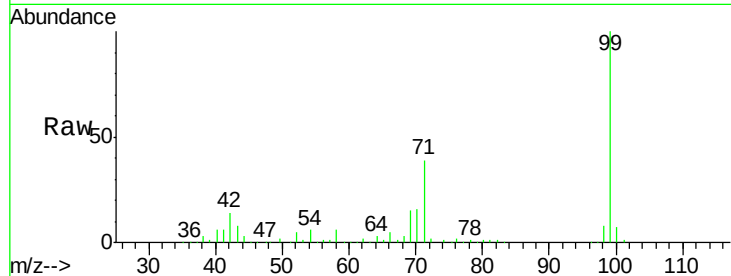
Tgt Ion: 99 Resp: 523868

Ion Ratio Lower Upper

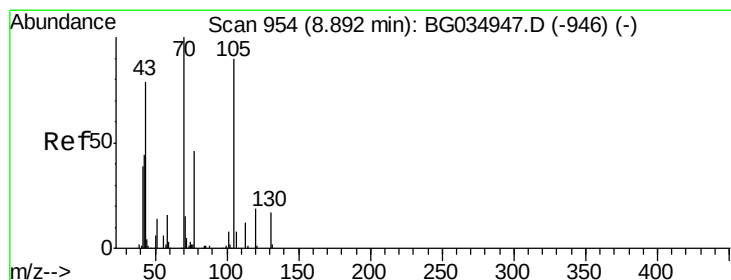
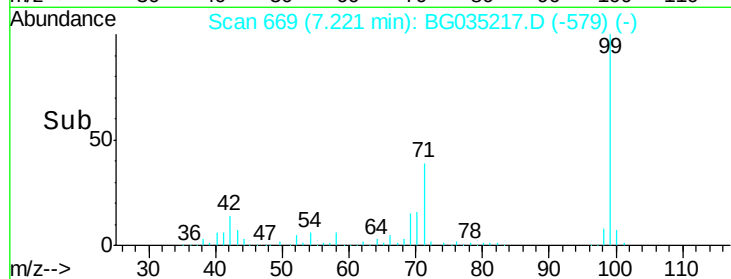
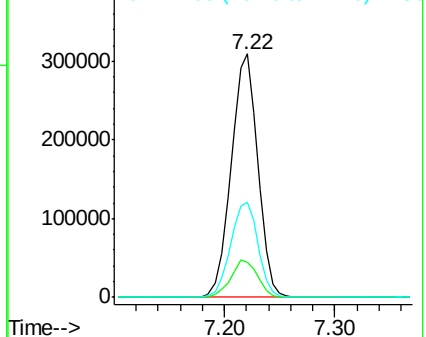
99 100

42 14.4 14.1 21.1

71 38.9 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: 13.440 ng

RT: 9.22 min Scan# 1010

Delta R.T. 0.34 min

Lab File: BG035217.D

Acq: 18 Jun 2018 13:58

Tgt Ion: 70 Resp: 60747

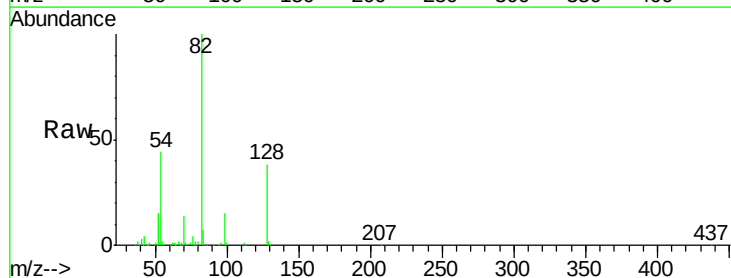
Ion Ratio Lower Upper

70 100

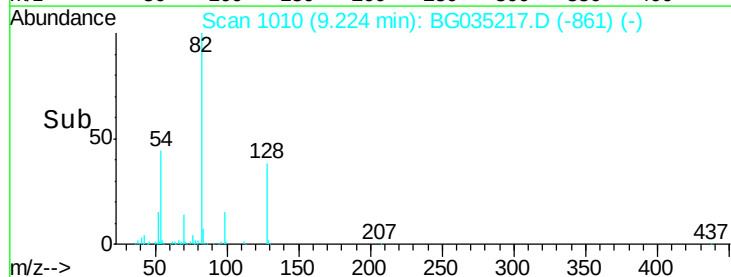
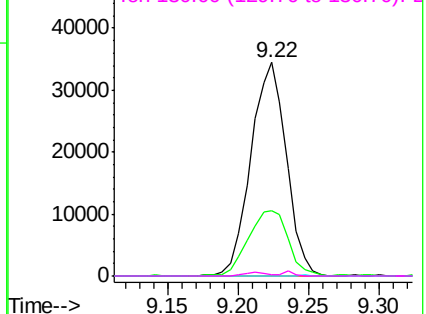
42 30.7 49.1 73.7#

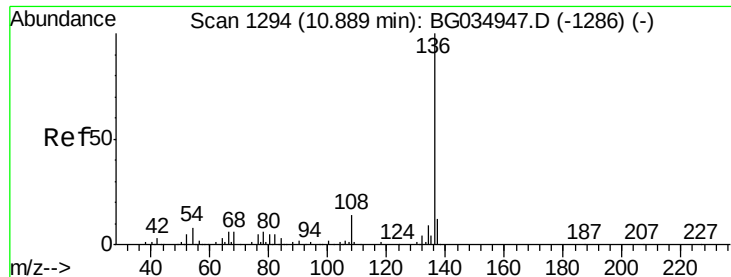
101 0.0 8.5 12.7#

130 0.5 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

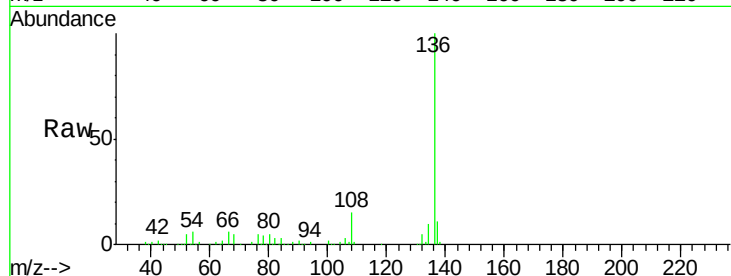




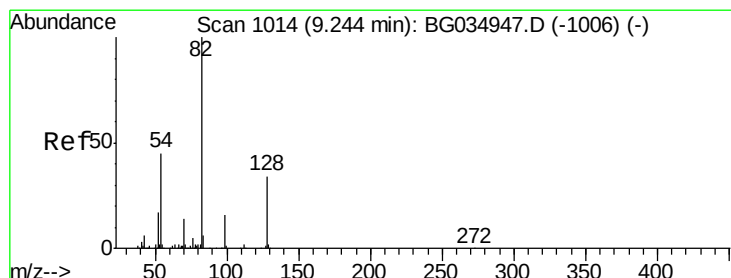
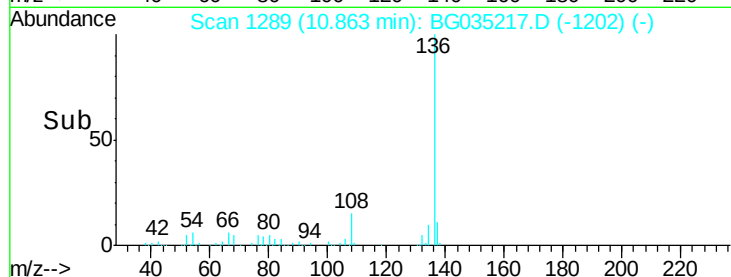
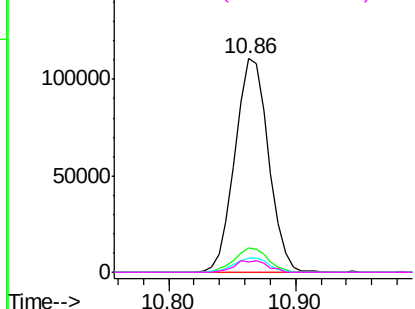
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1289
Delta R.T. -0.02 min
Lab File: BG035217.D
Acq: 18 Jun 2018 13:58

Instrument :
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ClientSampleId :
SB-51COMP

Tgt Ion:	136	Resp:	202629
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.2	13.8
54	6.4	10.3	15.5
68	5.0	4.5	6.7

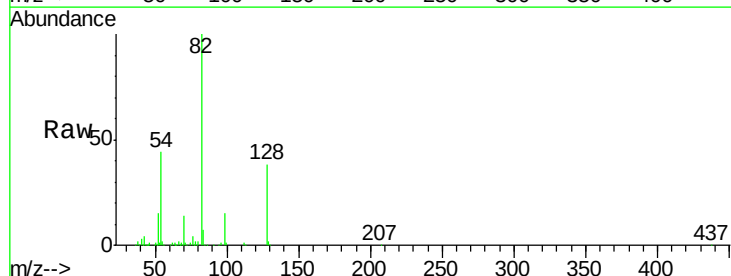


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

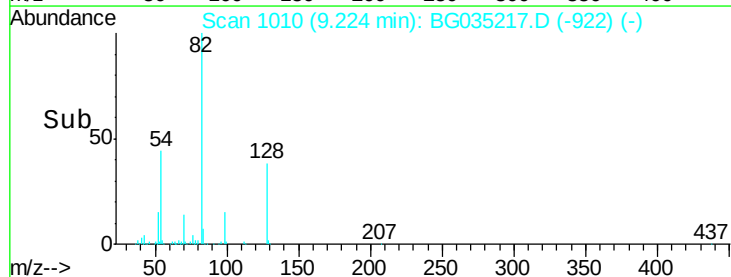
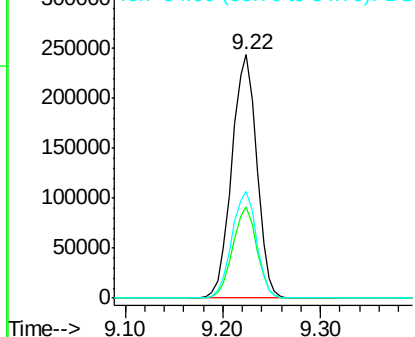


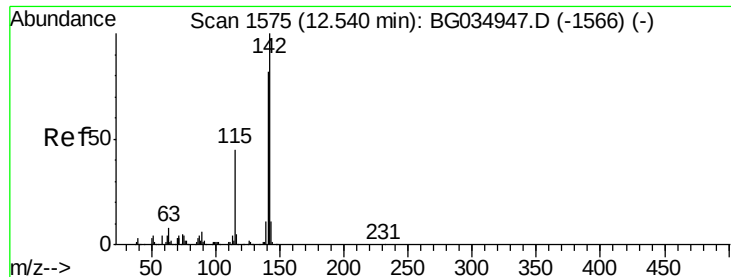
#23
Nitrobenzene-d5
Concen: 101.824 ng
RT: 9.22 min Scan# 1010
Delta R.T. -0.02 min
Lab File: BG035217.D
Acq: 18 Jun 2018 13:58

Tgt Ion:	82	Resp:	434053
Ion	Ratio	Lower	Upper
82	100		
128	37.6	29.7	44.5
54	43.7	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

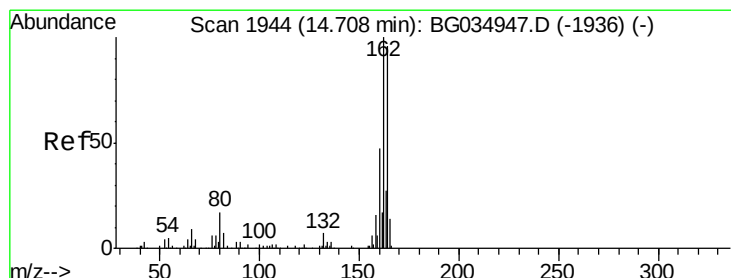
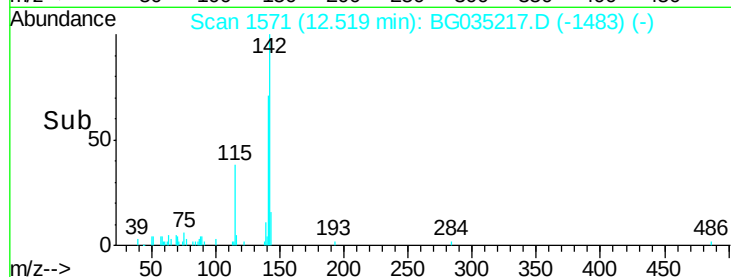
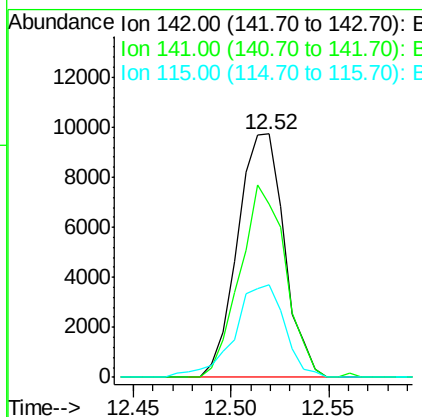
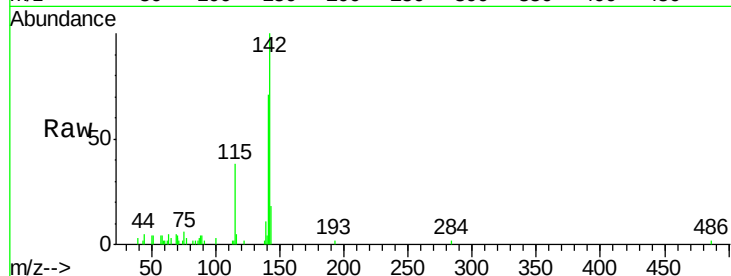




#37
 2-Methylnaphthalene
 Concen: 2.022 ng
 RT: 12.52 min Scan# 1571
 Delta R.T. -0.02 min
 Lab File: BG035217.D
 Acq: 18 Jun 2018 13:58

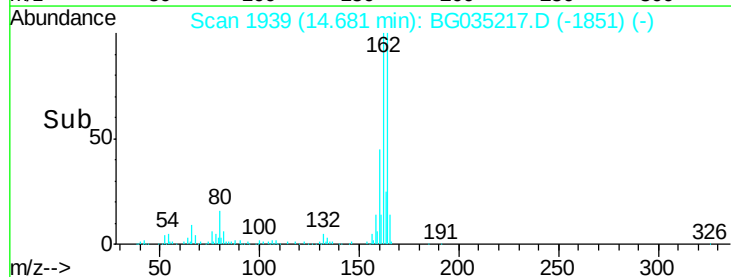
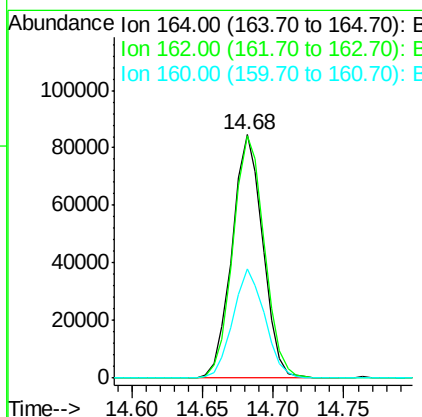
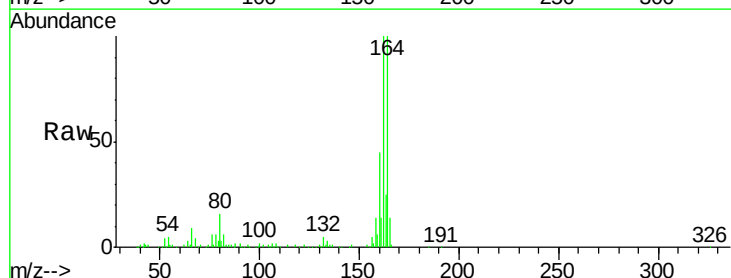
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 SB-51COMP

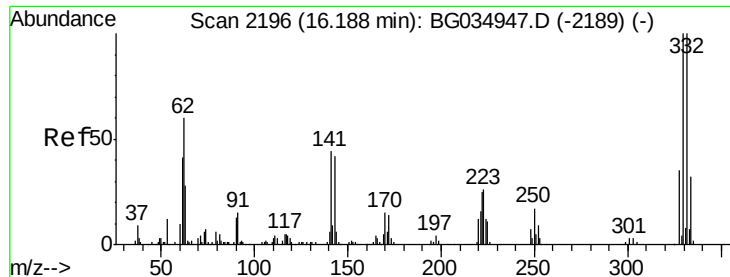
Tgt Ion:142 Resp: 16136
 Ion Ratio Lower Upper
 142 100
 141 71.2 67.1 100.7
 115 38.1 30.7 46.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1939
 Delta R.T. -0.02 min
 Lab File: BG035217.D
 Acq: 18 Jun 2018 13:58

Tgt Ion:164 Resp: 128507
 Ion Ratio Lower Upper
 164 100
 162 99.8 78.8 118.2
 160 44.9 35.4 53.0

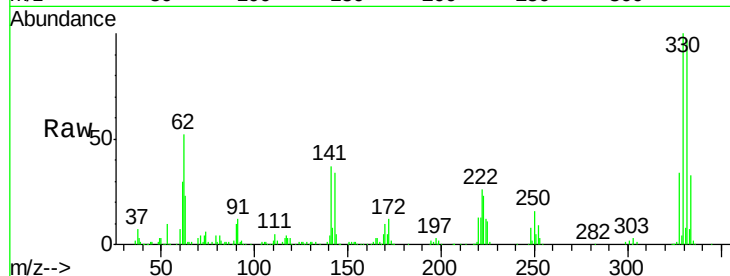




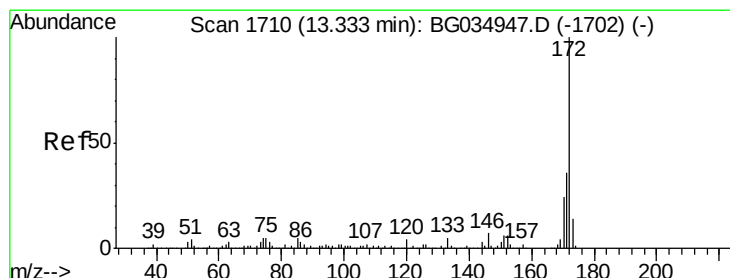
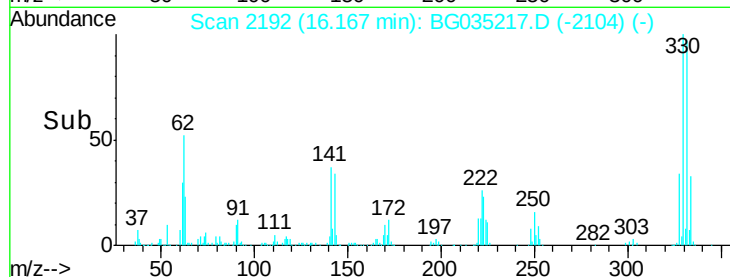
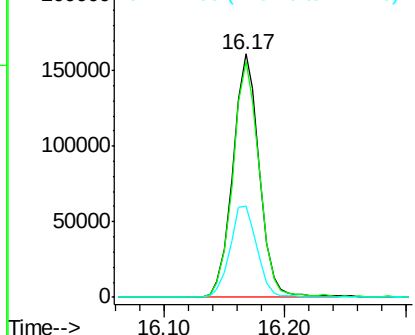
#41
 2,4,6-Tribromophenol
 Concen: 149.340 ng
 RT: 16.17 min Scan# 2192
 Delta R.T. -0.02 min
 Lab File: BG035217.D
 Acq: 18 Jun 2018 13:58

Instrument :
 BNA_G
 ClientSampleId :
 SB-51COMP

Tgt Ion:330 Resp: 245672
 Ion Ratio Lower Upper
 330 100
 332 97.4 77.0 115.6
 141 38.5 25.2 37.8#

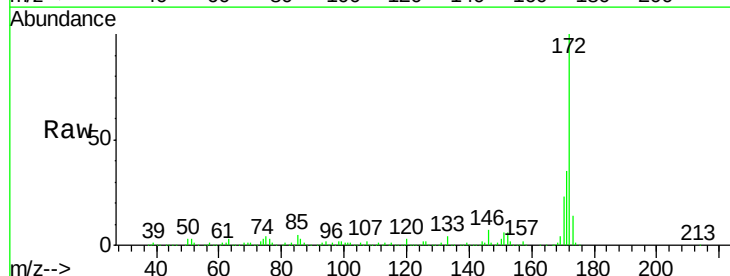


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

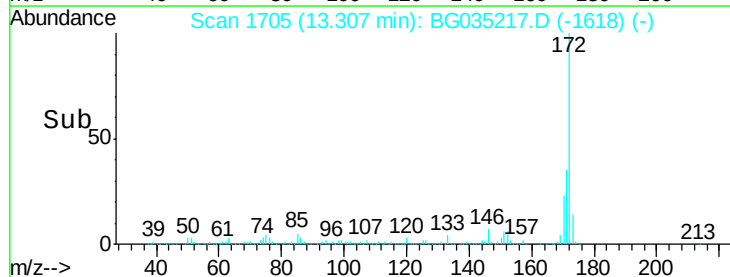
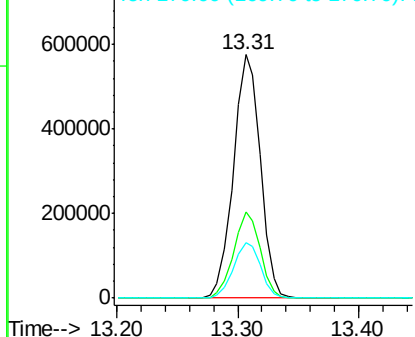


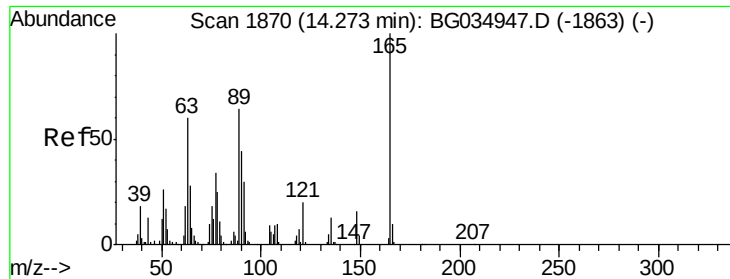
#44
 2-Fluorobiphenyl
 Concen: 90.457 ng
 RT: 13.31 min Scan# 1705
 Delta R.T. -0.02 min
 Lab File: BG035217.D
 Acq: 18 Jun 2018 13:58

Tgt Ion:172 Resp: 894184
 Ion Ratio Lower Upper
 172 100
 171 35.3 30.0 45.0
 170 22.8 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: 8.468 ng

RT: 14.68 min Scan# 1939

Delta R.T. 0.41 min

Lab File: BG035217.D

Acq: 18 Jun 2018 13:58

Instrument :

BNA_G

ClientSampleId :

SB-51COMP

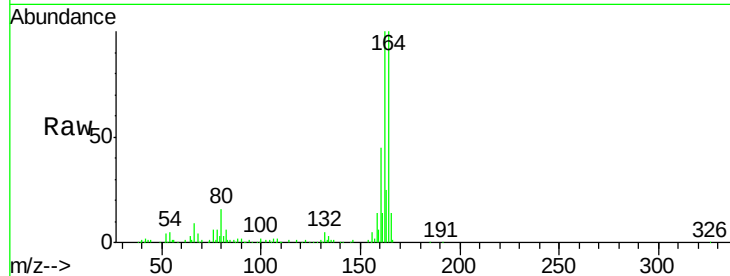
Tgt Ion:165 Resp: 17312

Ion Ratio Lower Upper

165 100

63 0.0 52.7 79.1#

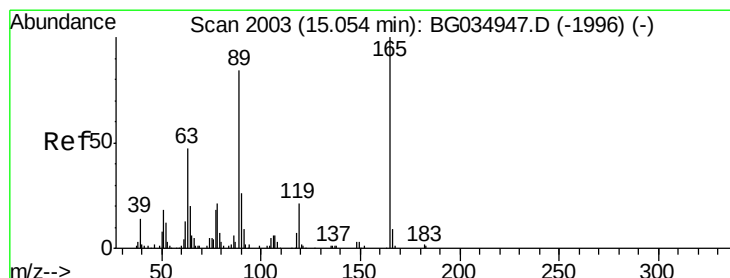
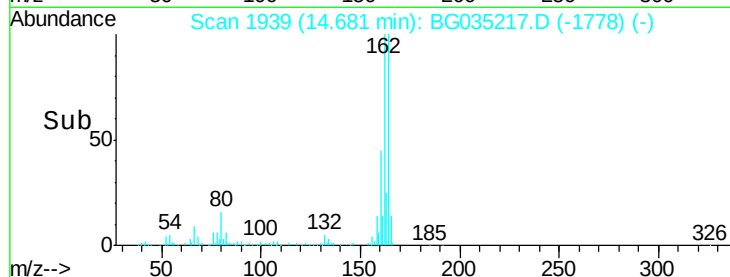
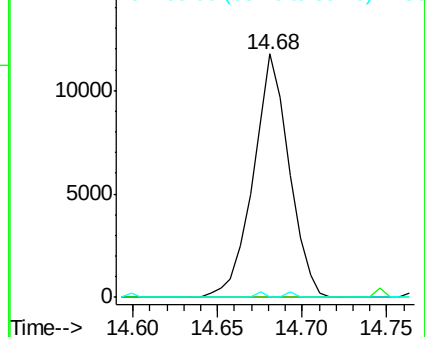
89 0.0 49.2 73.8#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#56

2,4-Dinitrotoluene

Concen: 6.375 ng

RT: 14.68 min Scan# 1939

Delta R.T. -0.37 min

Lab File: BG035217.D

Acq: 18 Jun 2018 13:58

Tgt Ion:165 Resp: 17312

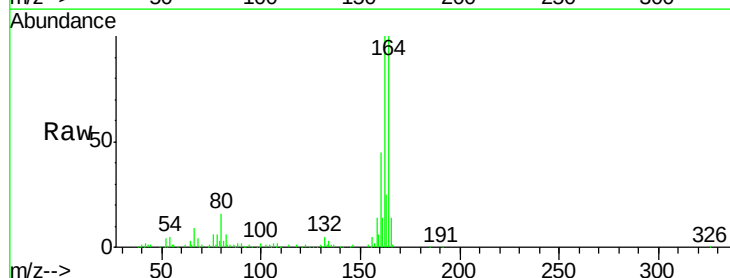
Ion Ratio Lower Upper

165 100

63 0.0 42.0 63.0#

89 0.0 66.9 100.3#

182 0.0 2.6 3.8#

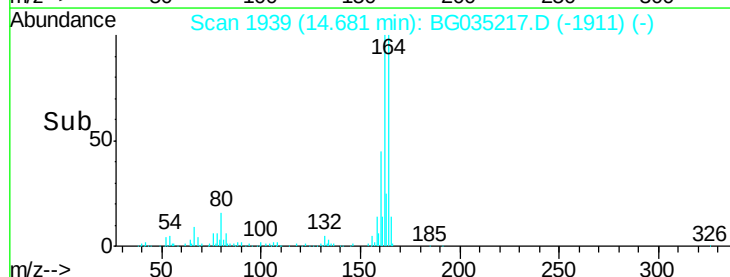
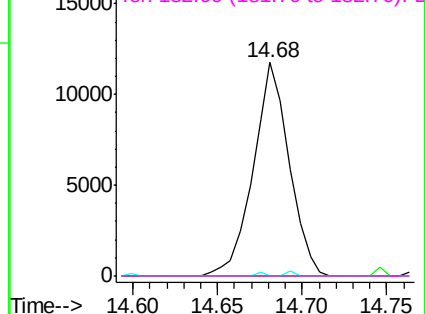


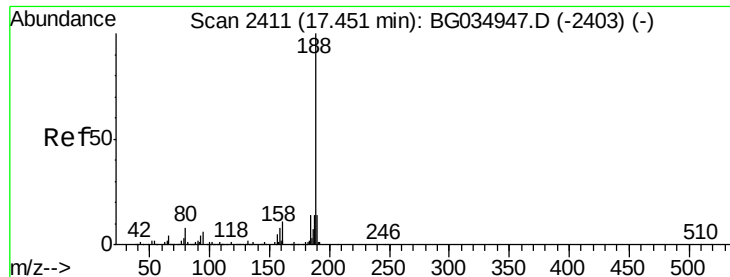
Abundance Ion 165.00 (164.70 to 165.70): E

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: 17.42 min Scan# 2406

Delta R.T. -0.02 min

Lab File: BG035217.D

Acq: 18 Jun 2018 13:58

Instrument :

BNA_G

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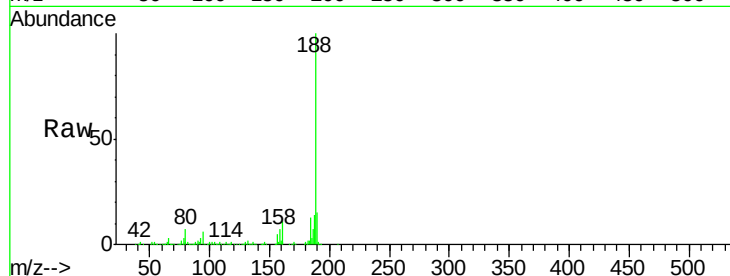
Tgt Ion:188 Resp: 318891

Ion Ratio Lower Upper

188 100

94 5.8 6.9 10.3#

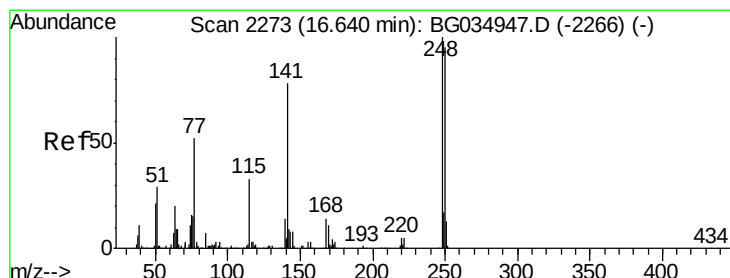
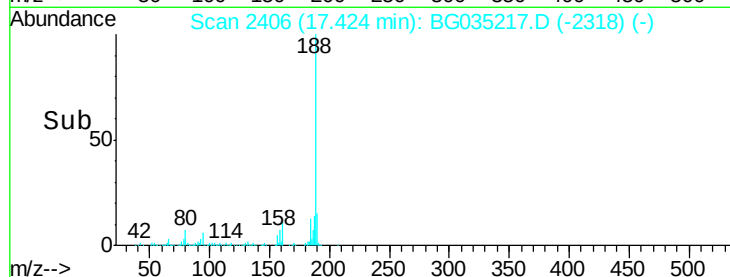
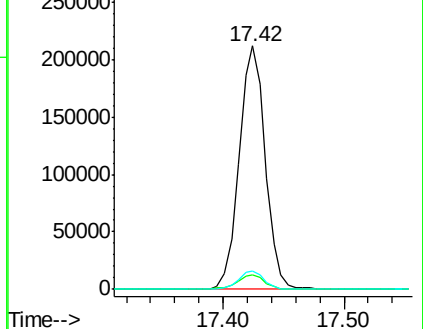
80 7.5 7.7 11.5#



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: 5.326 ng

RT: 16.17 min Scan# 2192

Delta R.T. -0.47 min

Lab File: BG035217.D

Acq: 18 Jun 2018 13:58

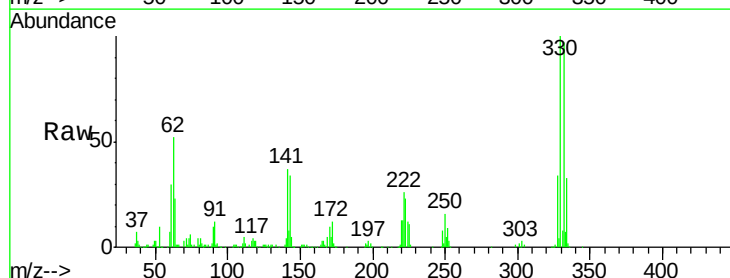
Tgt Ion:248 Resp: 20454

Ion Ratio Lower Upper

248 100

250 187.7 77.1 115.7#

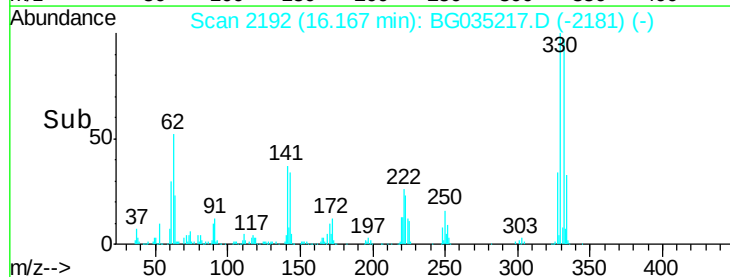
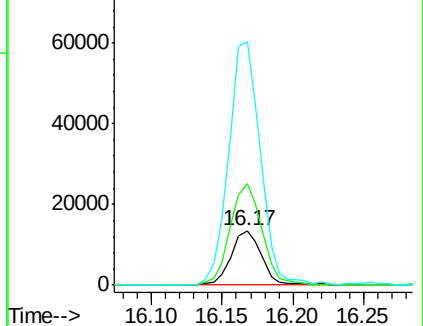
141 449.6 50.8 76.2#

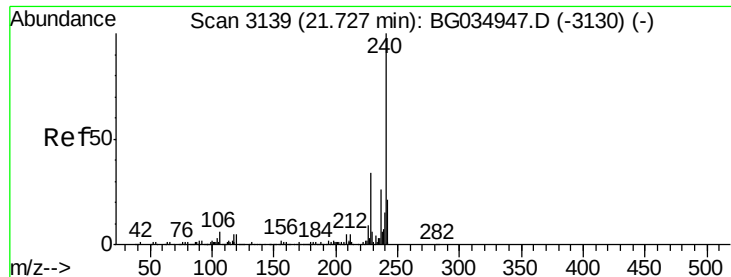


Abundance Ion 248.00 (247.70 to 248.70): E

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: BG035217.D

Acq: 18 Jun 2018 13:58

Instrument :

BNA_G

ClientSampleId :

SB-51COMP

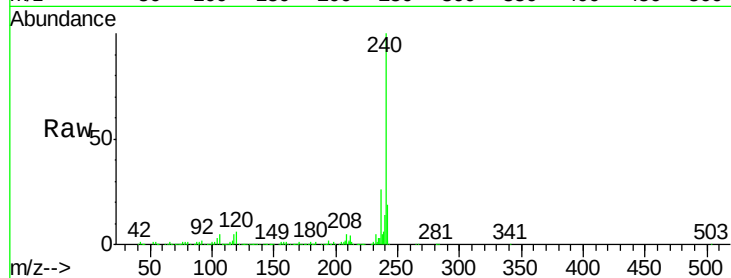
Tgt Ion:240 Resp: 446060

Ion Ratio Lower Upper

240 100

120 5.5 6.8 10.2#

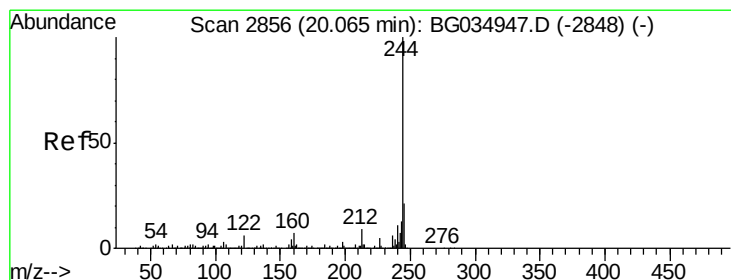
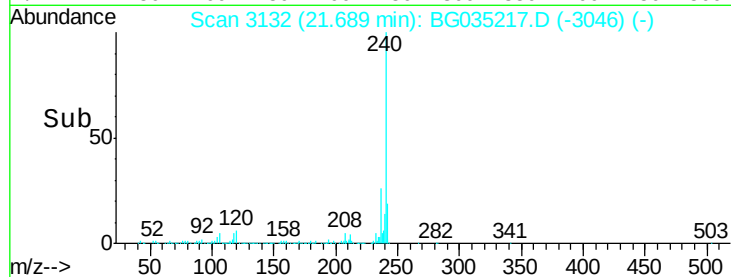
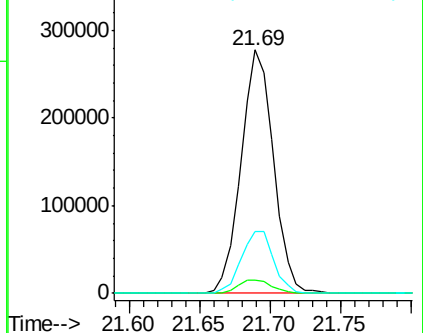
236 25.6 20.9 31.3



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: 83.459 ng

RT: 20.03 min Scan# 2850

Delta R.T. -0.02 min

Lab File: BG035217.D

Acq: 18 Jun 2018 13:58

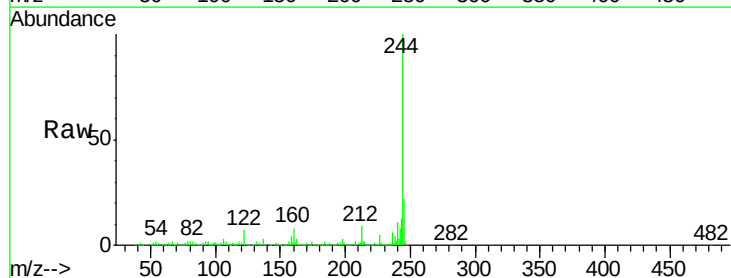
Tgt Ion:244 Resp: 1777254

Ion Ratio Lower Upper

244 100

212 9.4 5.8 8.8#

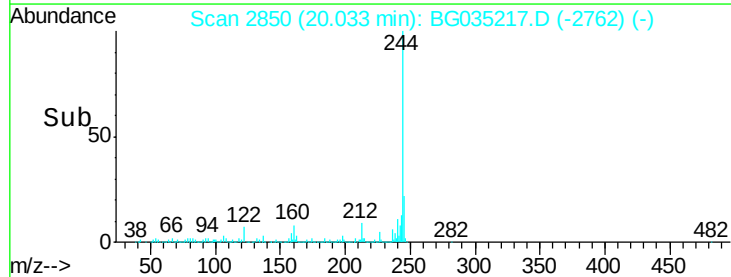
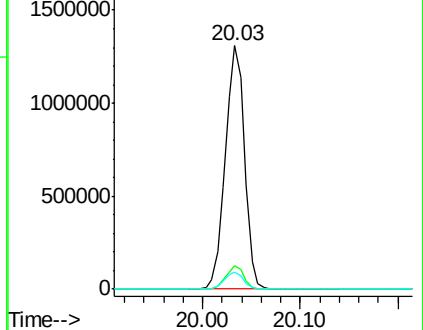
122 7.1 7.0 10.4

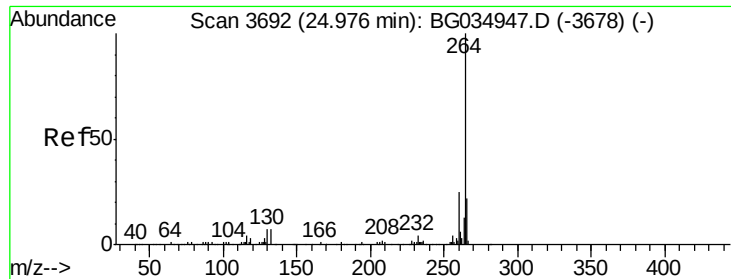


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



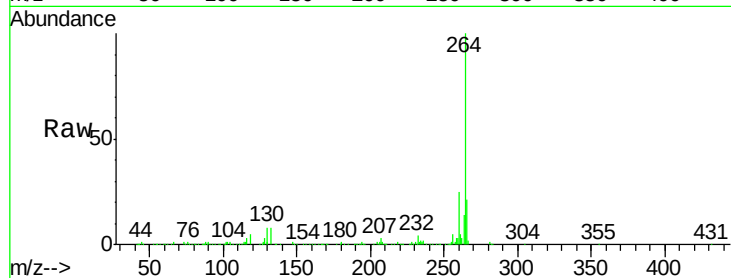


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.92 min Scan# 3682
Delta R.T. -0.03 min
Lab File: BG035217.D
Acq: 18 Jun 2018 13:58

Instrument :
BNA_G
ClientSampleId :
SB-51COMP

Tgt Ion: 264 Resp: 429408

Ion	Ratio	Lower	Upper
264	100		
260	25.3	17.4	26.0
265	20.5	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

