

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG061818\
 Data File : BG035218.D
 Acq On : 18 Jun 2018 14:37
 Operator : SJ/JU
 Sample : J3564-07
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-38-COMP

Quant Time: Jun 18 16:21:24 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

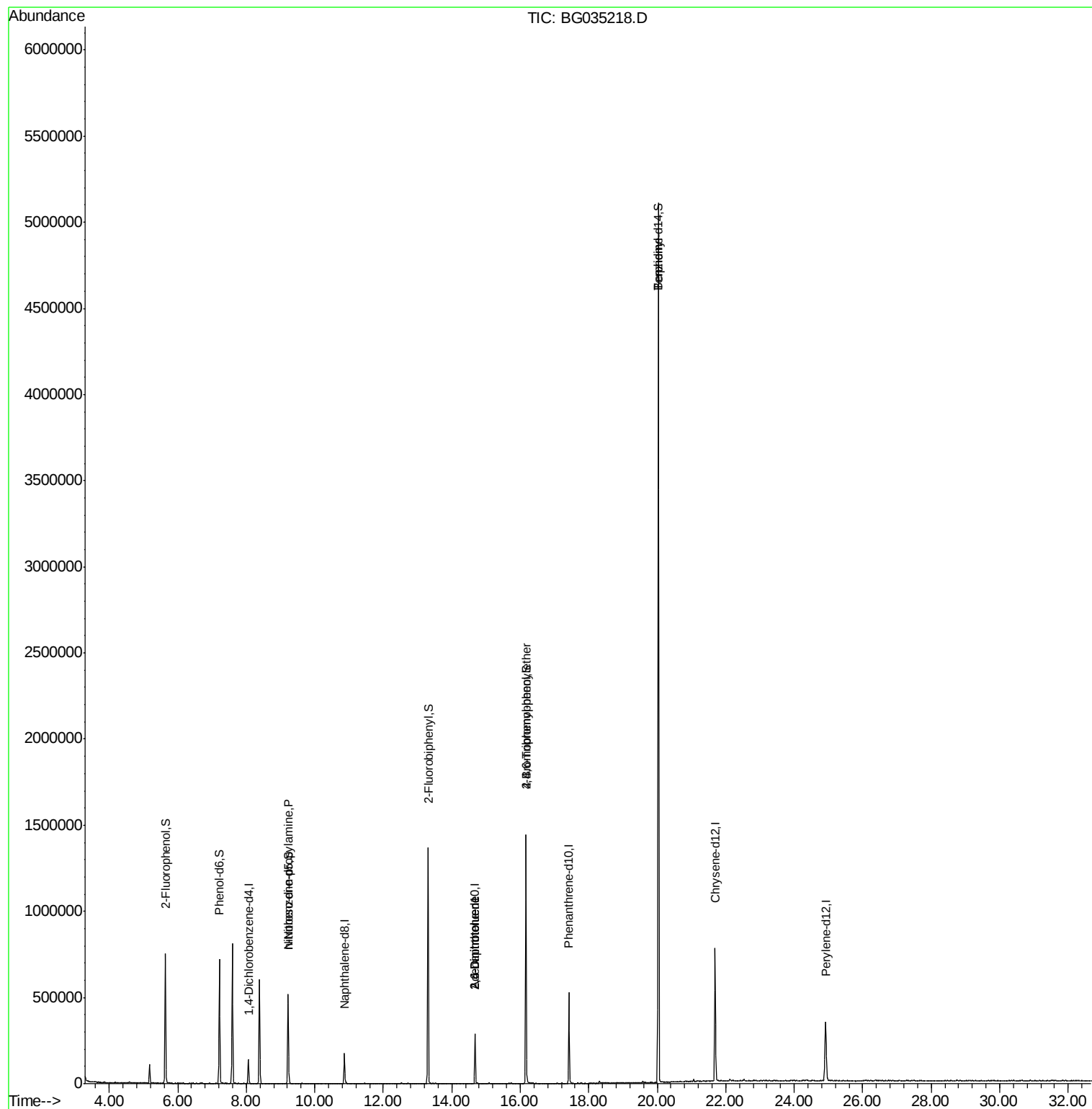
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	42352	20.00	ng	-0.02
21) Naphthalene-d8	10.87	136	144831	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	101240	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	329110	20.00	ng	-0.02
75) Chrysene-d12	21.69	240	480503	20.00	ng	-0.02
86) Perylene-d12	24.92	264	399029	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	342588	136.51	ng	0.00
7) Phenol-d6	7.22	99	446139	120.45	ng	0.00
23) Nitrobenzene-d5	9.22	82	341101	111.95	ng	-0.02
41) 2,4,6-Tribromophenol	16.17	330	270321	208.58	ng	-0.01
44) 2-Fluorobiphenyl	13.31	172	759886	97.57	ng	-0.02
78) Terphenyl-d14	20.04	244	2389168	104.15	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	46464	14.765	ng	# 65
50) 2,6-Dinitrotoluene	14.68	165	15128	9.393	ng	# 18
56) 2,4-Dinitrotoluene	14.68	165	15128	7.071	ng	# 16
66) 4-Bromophenyl-phenylether	16.17	248	21230	5.357	ng	# 1
76) Benzidine	20.04	184	41470	2.320	ng	96

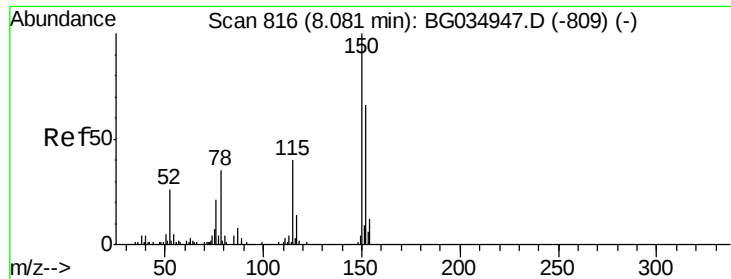
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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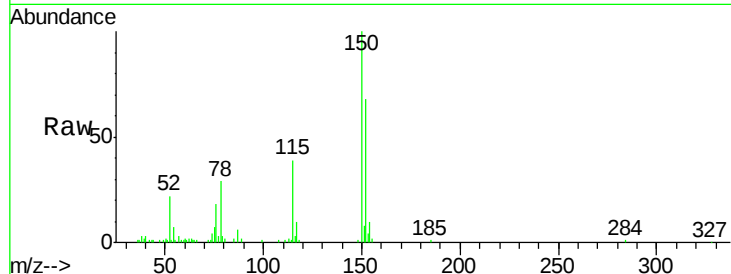


#1

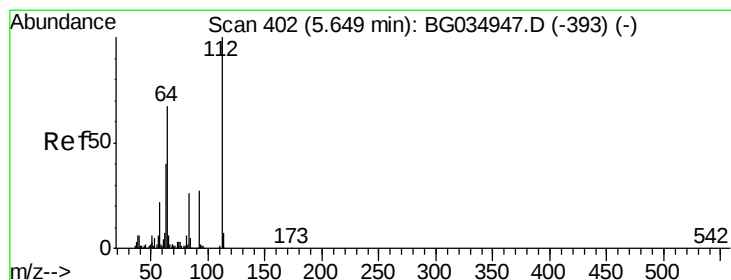
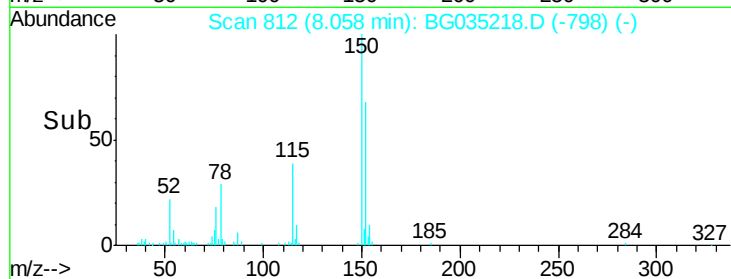
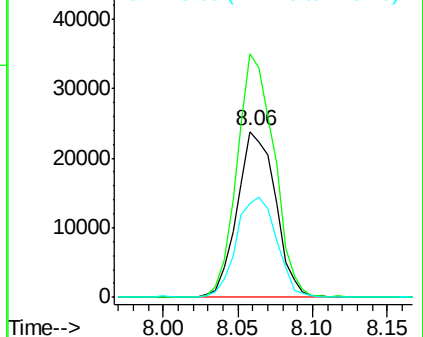
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.02 min
Lab File: BG035218.D
Acq: 18 Jun 2018 14:37

Instrument :
BNA_G
ClientSampleId :
SB-38-COMP

Tgt Ion:152 Resp: 42352
Ion Ratio Lower Upper
152 100
150 146.7 126.6 189.8
115 56.8 53.0 79.4



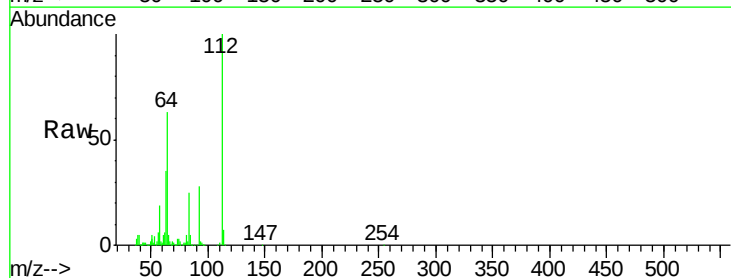
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



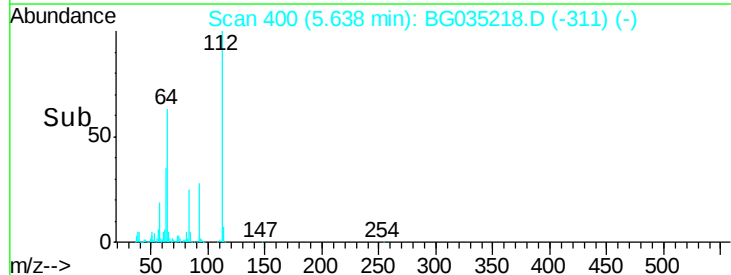
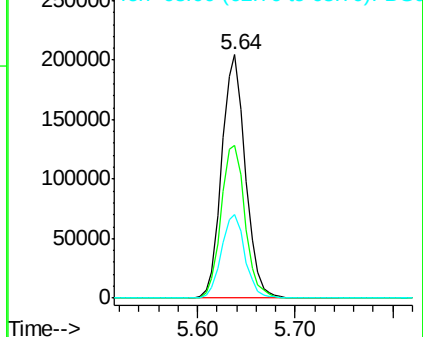
#5

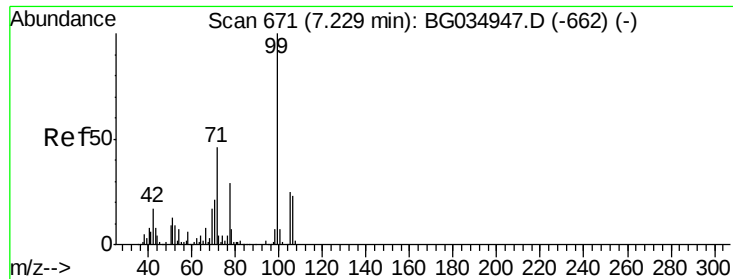
2-Fluorophenol
Concen: 136.512 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG035218.D
Acq: 18 Jun 2018 14:37

Tgt Ion:112 Resp: 342588
Ion Ratio Lower Upper
112 100
64 62.8 56.3 84.5
63 34.5 30.1 45.1



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





#7

Phenol-d6

Concen: 120.448 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG035218.D

Acq: 18 Jun 2018 14:37

Instrument :

BNA_G

ClientSampleId :

SB-38-COMP

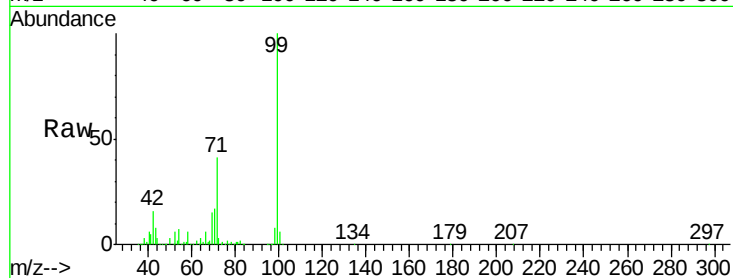
Tgt Ion: 99 Resp: 446139

Ion Ratio Lower Upper

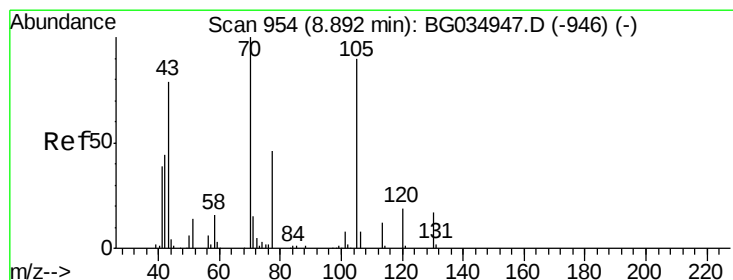
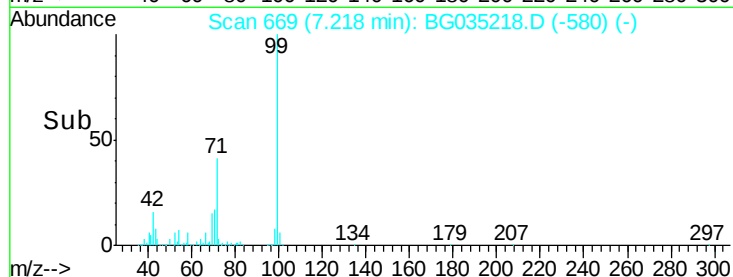
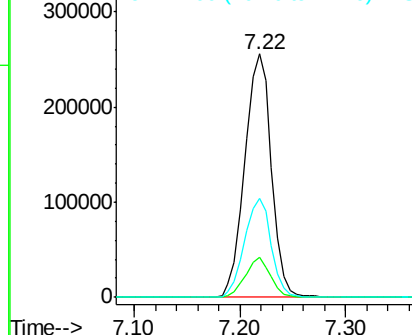
99 100

42 16.4 14.1 21.1

71 40.8 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: 14.765 ng

RT: 9.22 min Scan# 1010

Delta R.T. 0.34 min

Lab File: BG035218.D

Acq: 18 Jun 2018 14:37

Tgt Ion: 70 Resp: 46464

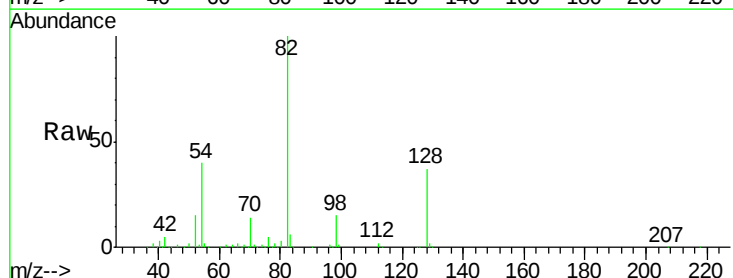
Ion Ratio Lower Upper

70 100

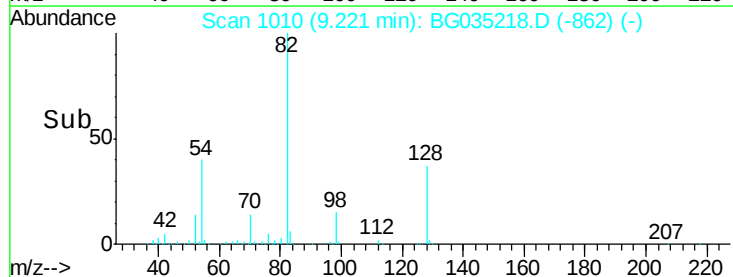
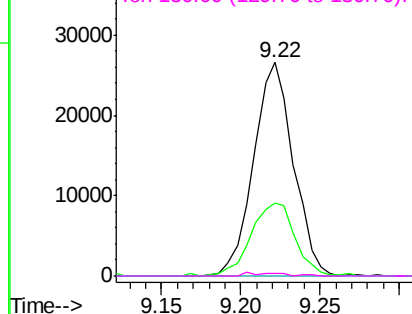
42 34.2 49.1 73.7#

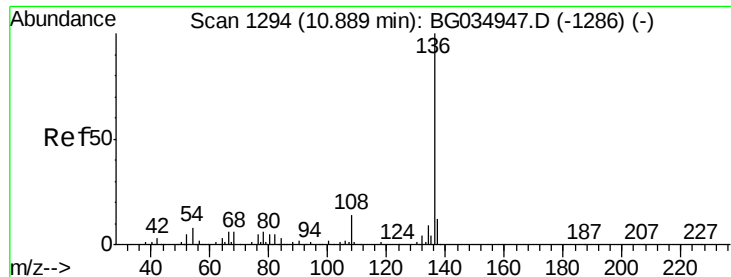
101 0.0 8.5 12.7#

130 1.2 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

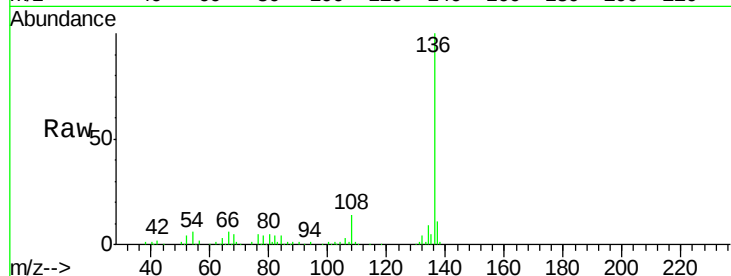




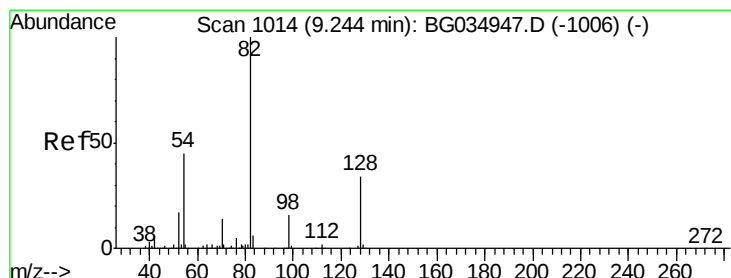
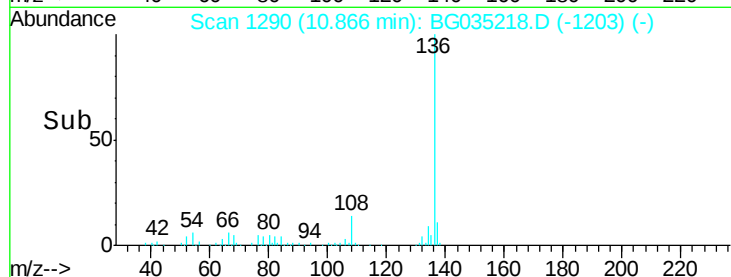
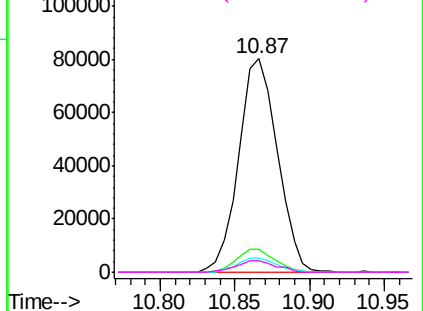
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BG035218.D
Acq: 18 Jun 2018 14:37

Instrument :
BNA_G
ClientSampleId :
SB-38-COMP

Tgt Ion:	136	Resp:	144831
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.2	13.8
54	6.3	10.3	15.5#
68	5.4	4.5	6.7

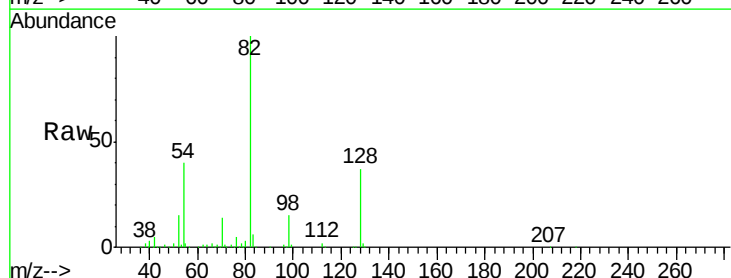


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

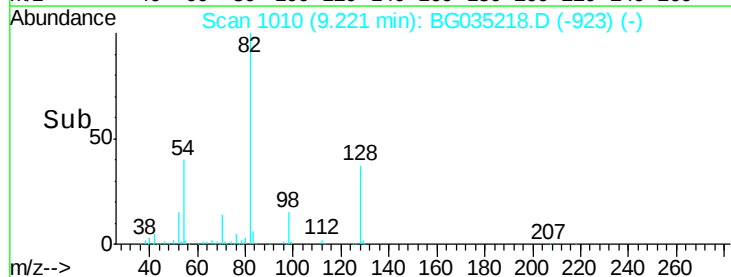
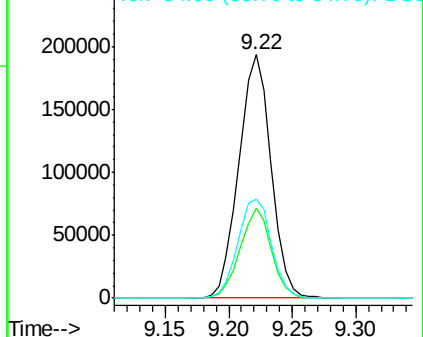


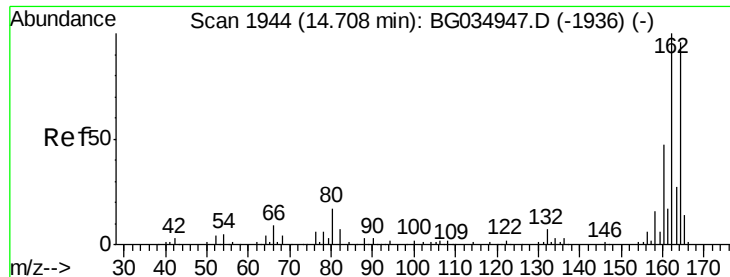
#23
Nitrobenzene-d5
Concen: 111.951 ng
RT: 9.22 min Scan# 1010
Delta R.T. -0.02 min
Lab File: BG035218.D
Acq: 18 Jun 2018 14:37

Tgt Ion:	82	Resp:	341101
Ion	Ratio	Lower	Upper
82	100		
128	36.8	29.7	44.5
54	40.4	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: BG035218.D

Acq: 18 Jun 2018 14:37

Instrument :

BNA_G

ClientSampleId :

SB-38-COMP

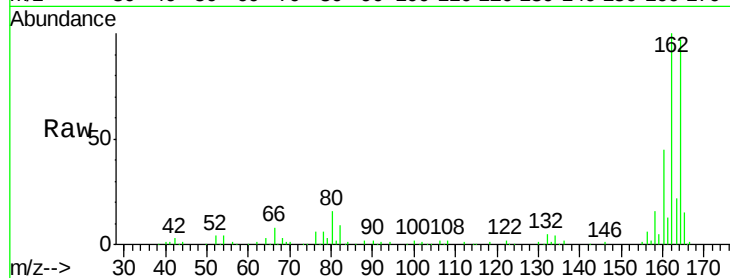
Tgt Ion:164 Resp: 101240

Ion Ratio Lower Upper

164 100

162 103.4 78.8 118.2

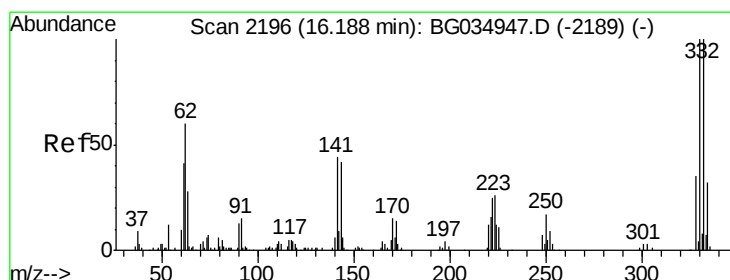
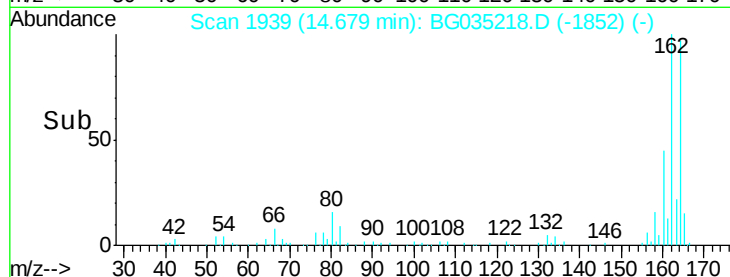
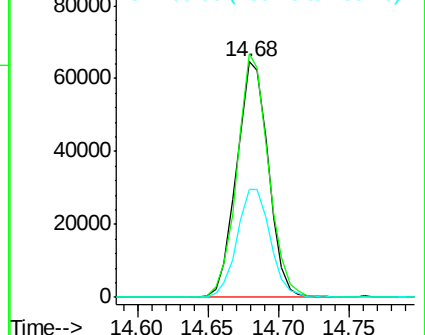
160 46.1 35.4 53.0



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: 208.581 ng

RT: 16.17 min Scan# 2193

Delta R.T. -0.01 min

Lab File: BG035218.D

Acq: 18 Jun 2018 14:37

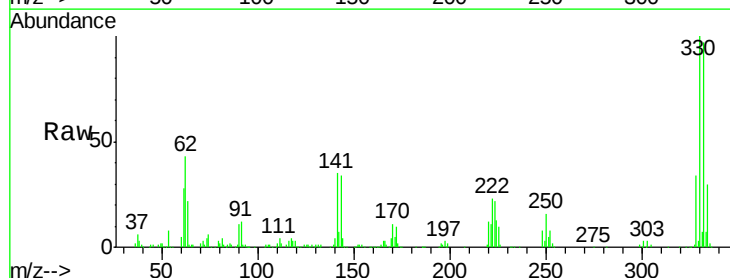
Tgt Ion:330 Resp: 270321

Ion Ratio Lower Upper

330 100

332 95.8 77.0 115.6

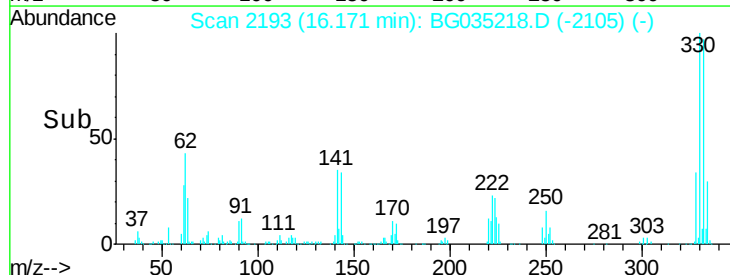
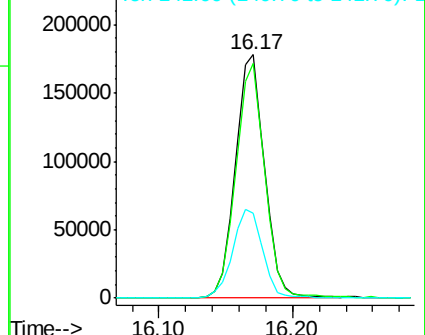
141 37.8 25.2 37.8

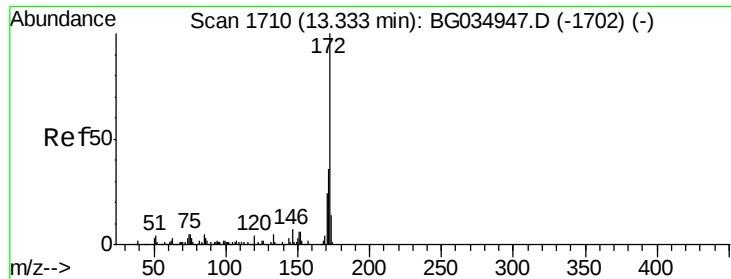


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

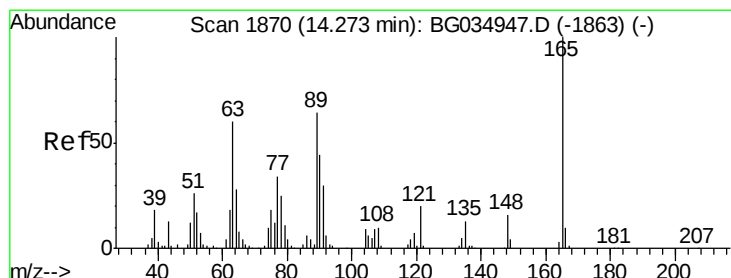
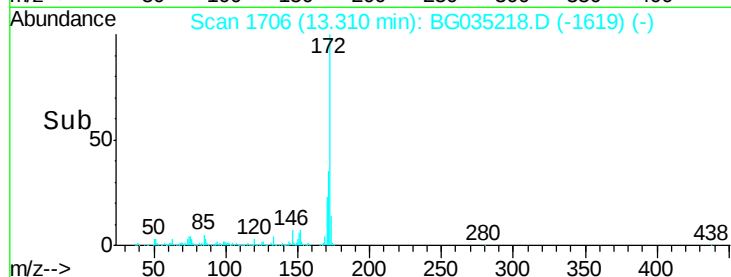
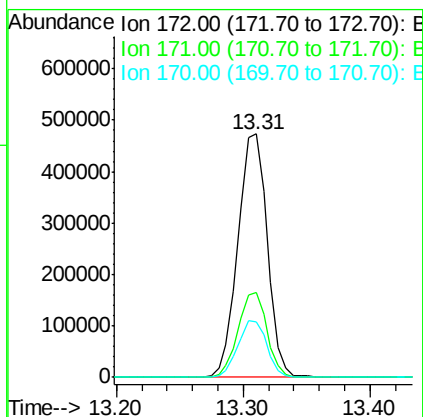
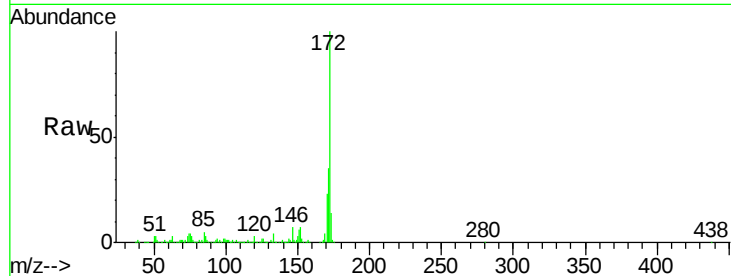




#44
2-Fluorobiphenyl
Concen: 97.575 ng
RT: 13.31 min Scan# 1706
Delta R.T. -0.02 min
Lab File: BG035218.D
Acq: 18 Jun 2018 14:37

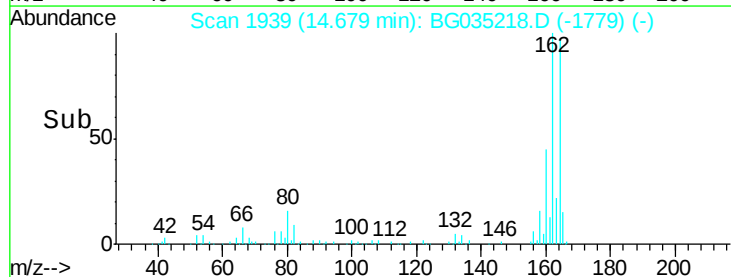
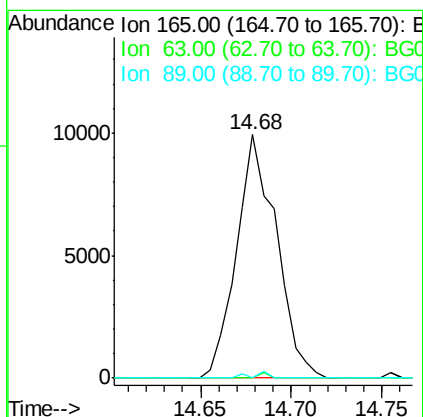
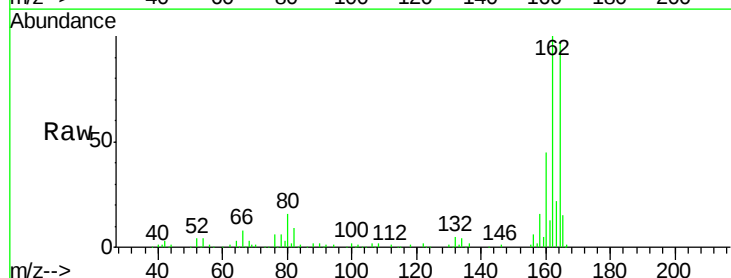
Instrument :
BNA_G
ClientSampleId :
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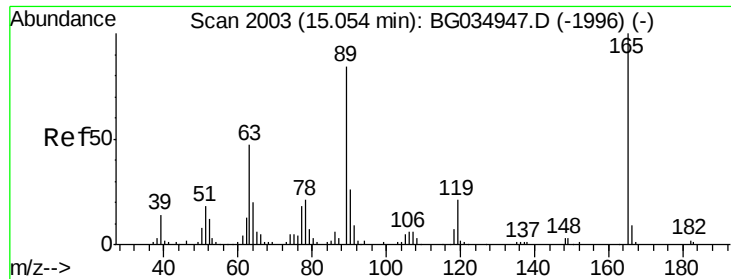
Tgt Ion:172 Resp: 759886
Ion Ratio Lower Upper
172 100
171 34.7 30.0 45.0
170 22.8 19.5 29.3



#50
2,6-Dinitrotoluene
Concen: 9.393 ng
RT: 14.68 min Scan# 1939
Delta R.T. 0.41 min
Lab File: BG035218.D
Acq: 18 Jun 2018 14:37

Tgt Ion:165 Resp: 15128
Ion Ratio Lower Upper
165 100
63 0.0 52.7 79.1#
89 0.0 49.2 73.8#

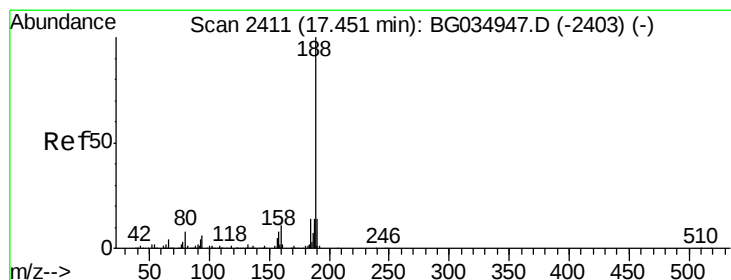
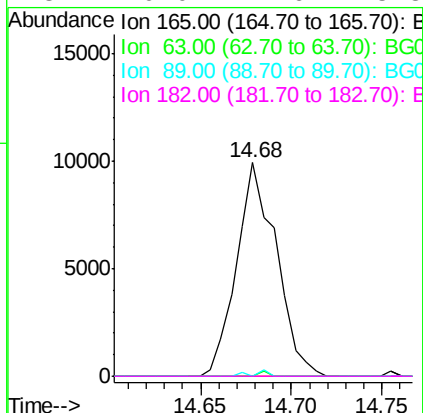
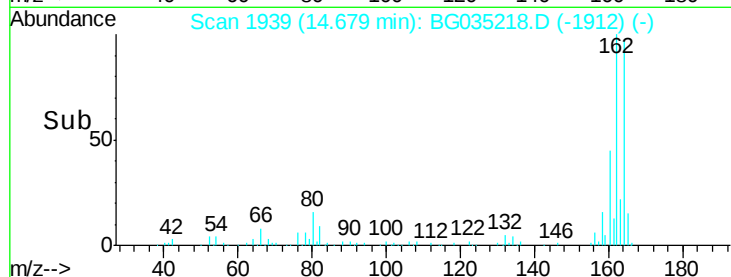
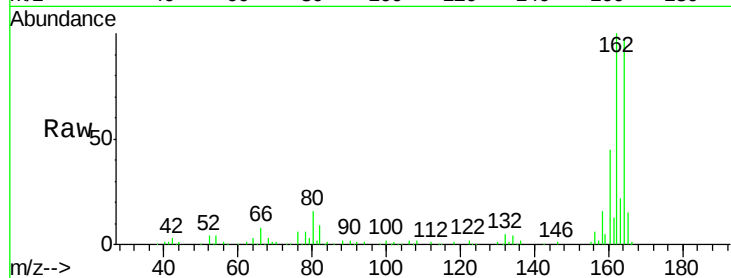




#56
 2,4-Dinitrotoluene
 Concen: 7.071 ng
 RT: 14.68 min Scan# 1939
 Delta R.T. -0.37 min
 Lab File: BG035218.D
 Acq: 18 Jun 2018 14:37

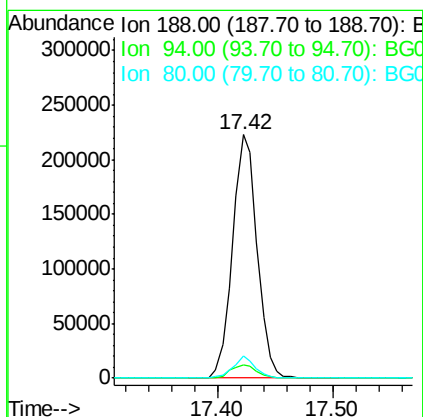
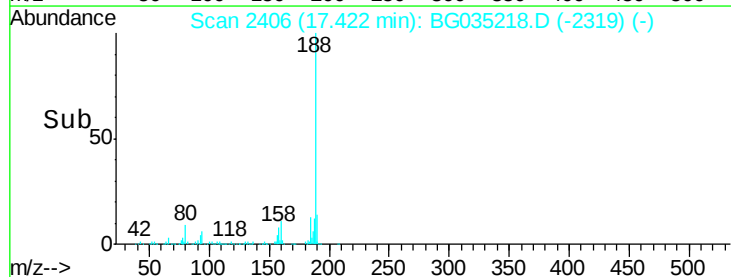
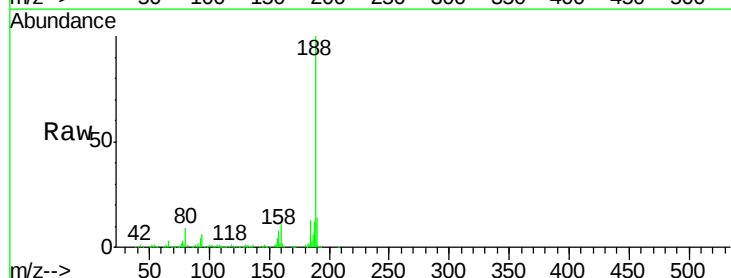
Instrument :
 BNA_G
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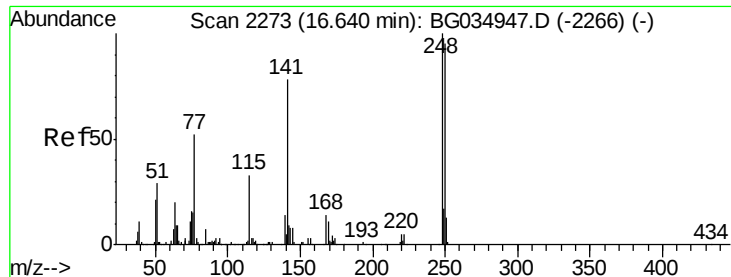
Tgt Ion:	165	Resp:	15128
Ion	Ratio	Lower	Upper
165	100		
63	0.0	42.0	63.0#
89	0.0	66.9	100.3#
182	0.0	2.6	3.8#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2406
 Delta R.T. -0.02 min
 Lab File: BG035218.D
 Acq: 18 Jun 2018 14:37

Tgt Ion:	188	Resp:	329110
Ion	Ratio	Lower	Upper
188	100		
94	5.6	6.9	10.3#
80	9.3	7.7	11.5

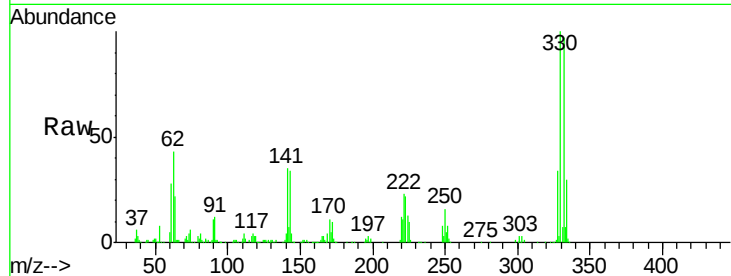




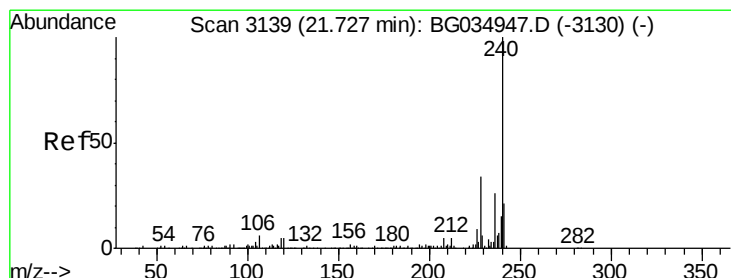
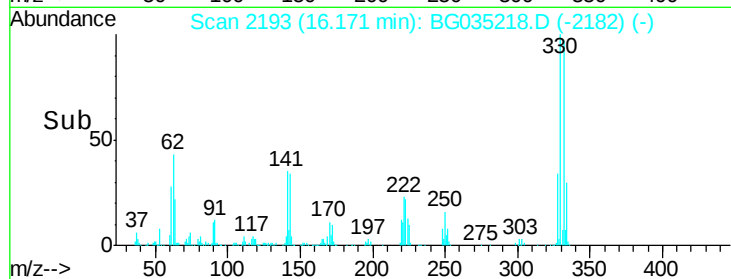
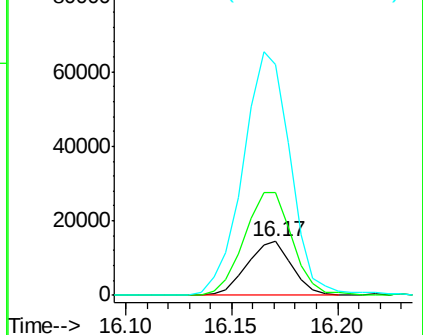
#66
4-Bromophenyl-phenylether
Concen: 5.357 ng
RT: 16.17 min Scan# 2193
Delta R.T. -0.46 min
Lab File: BG035218.D
Acq: 18 Jun 2018 14:37

Instrument :
BNA_G
ClientSampleId :
SB-38-COMP

Tgt Ion:248 Resp: 21230
Ion Ratio Lower Upper
248 100
250 191.8 77.1 115.7#
141 428.4 50.8 76.2#

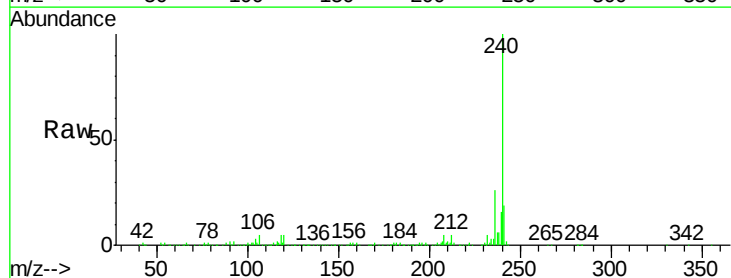


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

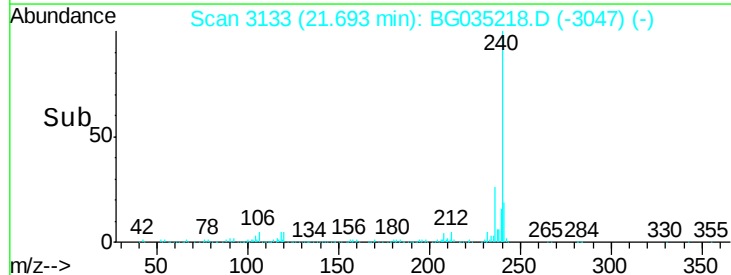
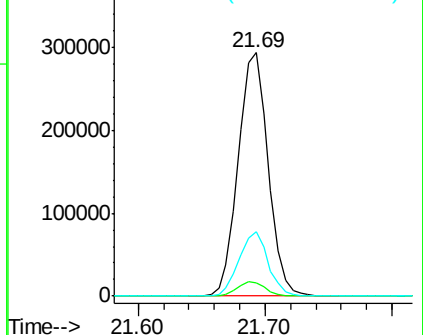


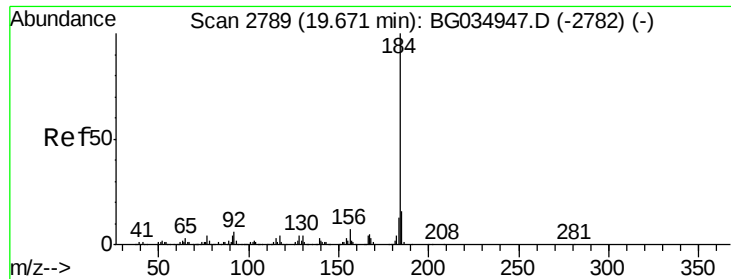
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3133
Delta R.T. -0.02 min
Lab File: BG035218.D
Acq: 18 Jun 2018 14:37

Tgt Ion:240 Resp: 480503
Ion Ratio Lower Upper
240 100
120 5.5 6.8 10.2#
236 26.5 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

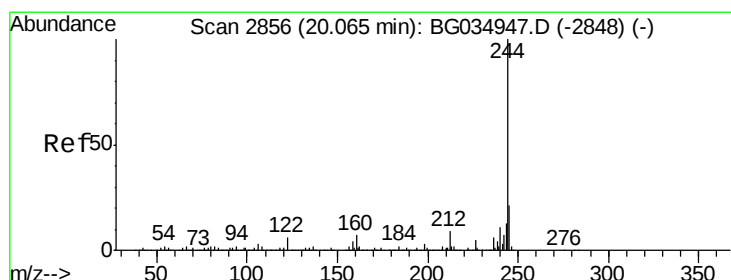
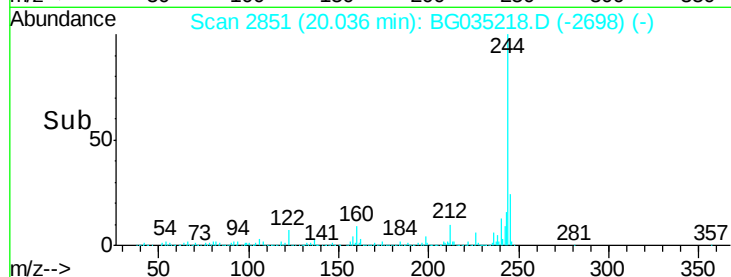
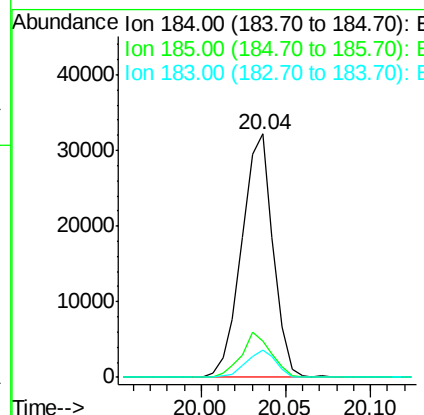
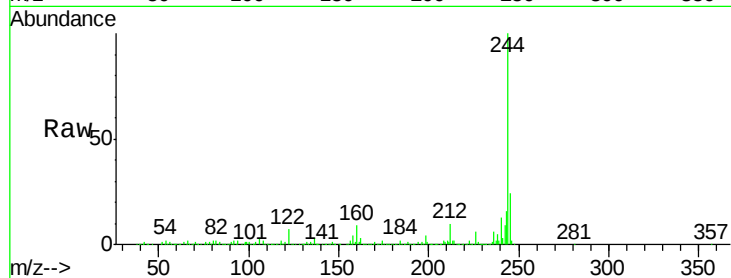




#76
Benzidine
Concen: 2.320 ng
RT: 20.04 min Scan# 2851
Delta R.T. 0.37 min
Lab File: BG035218.D
Acq: 18 Jun 2018 14:37

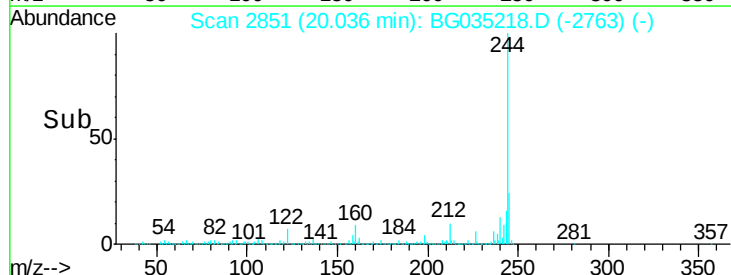
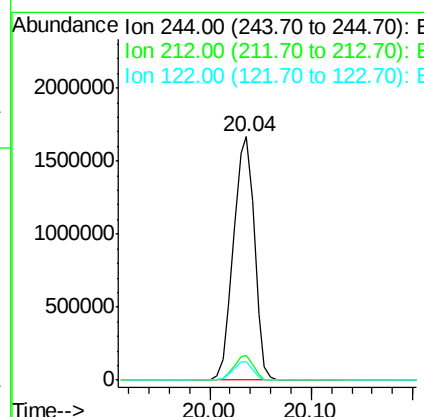
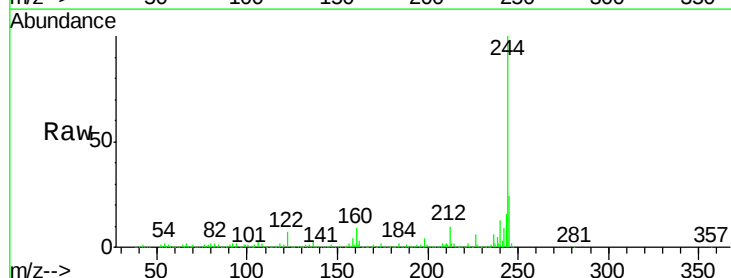
Instrument :
BNA_G
ClientSampleId :
SB-38-COMP

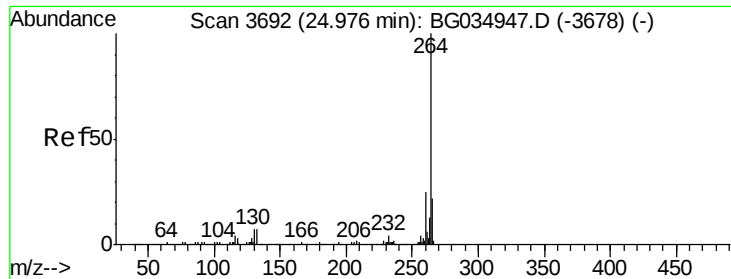
Tgt Ion:184 Resp: 41470
Ion Ratio Lower Upper
184 100
185 14.9 11.1 16.7
183 11.1 10.6 16.0



#78
Terphenyl-d14
Concen: 104.152 ng
RT: 20.04 min Scan# 2851
Delta R.T. -0.01 min
Lab File: BG035218.D
Acq: 18 Jun 2018 14:37

Tgt Ion:244 Resp: 2389168
Ion Ratio Lower Upper
244 100
212 10.3 5.8 8.8#
122 7.4 7.0 10.4

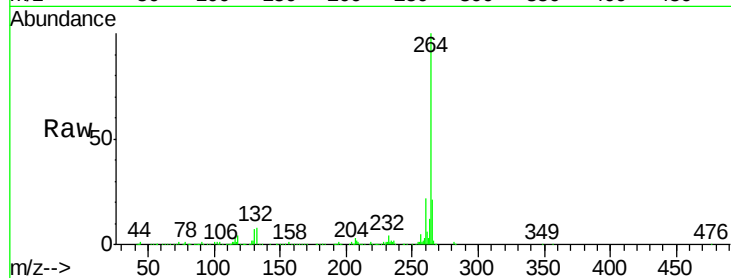




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.92 min Scan# 3682
Delta R.T. -0.04 min
Lab File: BG035218.D
Acq: 18 Jun 2018 14:37

Instrument :
BNA_G
ClientSampleId :
SB-38-COMP

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.1	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

