

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061118\
 Data File : BG035050.D
 Acq On : 12 Jun 2018 3:16
 Operator : SJ/JU
 Sample : J3398-02
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jun 12 05:59:19 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

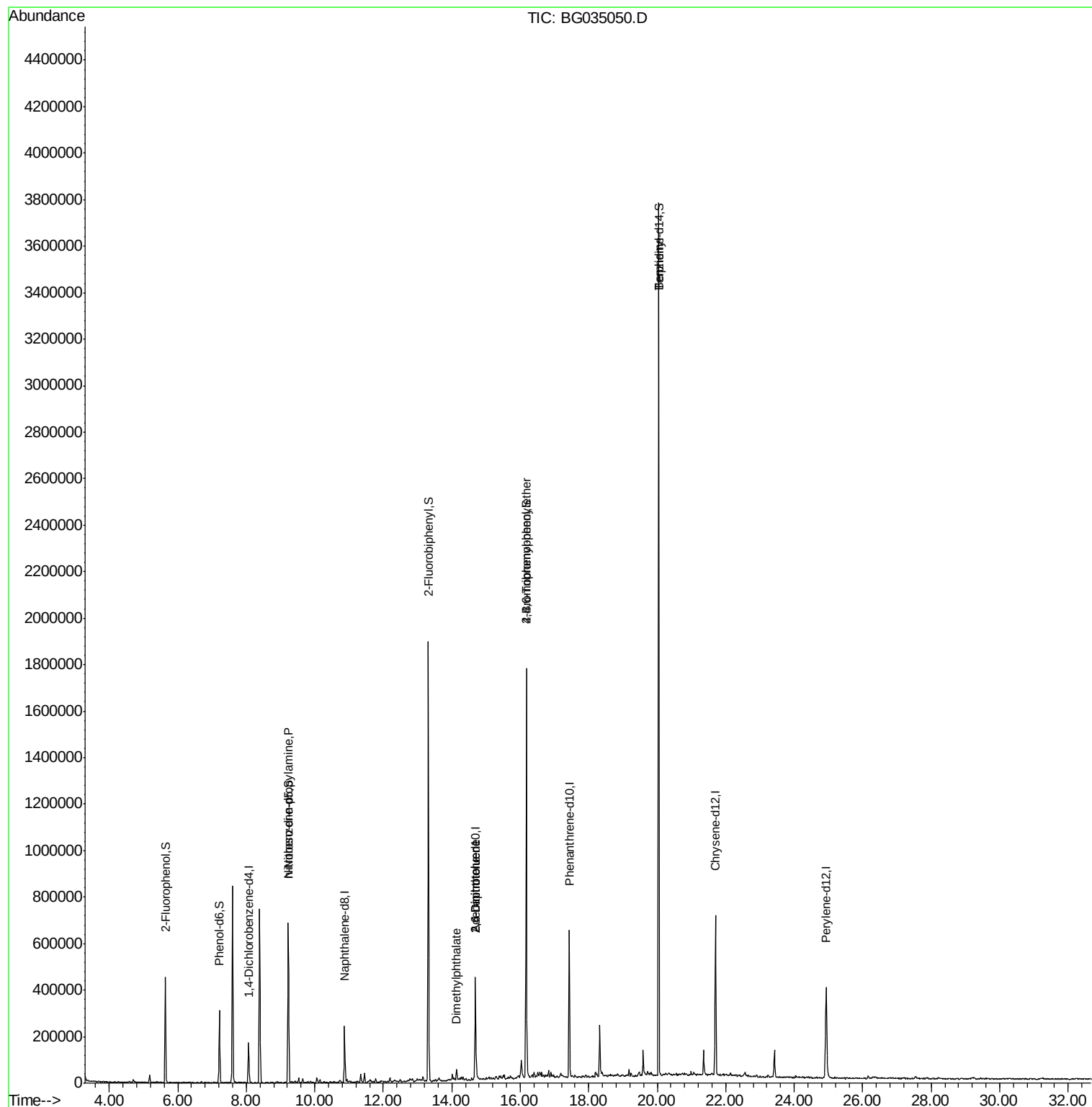
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	48121	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	197463	20.00	ng	-0.01
38) Acenaphthene-d10	14.69	164	149316	20.00	ng	0.00
63) Phenanthrene-d10	17.43	188	388100	20.00	ng	0.00
75) Chrysene-d12	21.70	240	430433	20.00	ng	-0.02
86) Perylene-d12	24.94	264	424574	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	192954	67.67	ng	0.00
7) Phenol-d6	7.22	99	181494	43.13	ng	0.00
23) Nitrobenzene-d5	9.23	82	451039	108.58	ng	-0.01
41) 2,4,6-Tribromophenol	16.18	330	310003	162.18	ng	0.00
44) 2-Fluorobiphenyl	13.32	172	1021235	88.91	ng	-0.01
78) Terphenyl-d14	20.04	244	1742239	84.78	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.23	70	62133	17.377	ng	# 66
49) Dimethylphthalate	14.14	163	30961	2.378	ng	# 98
50) 2,6-Dinitrotoluene	14.69	165	21941	9.237	ng	# 22
56) 2,4-Dinitrotoluene	14.69	165	21941	6.953	ng	# 20
66) 4-Bromophenyl-phenylether	16.18	248	25704	5.500	ng	# 1
76) Benzidine	20.04	184	32072	2.003	ng	# 95

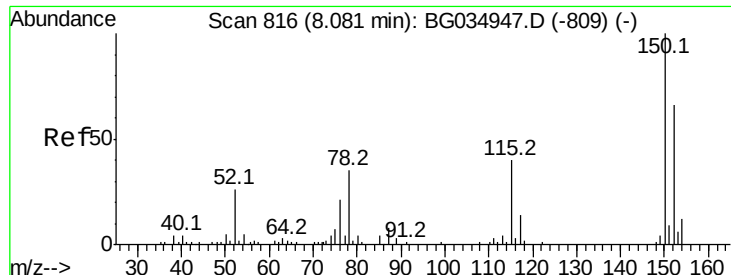
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061118\
Data File : BG035050.D
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Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Jun 12 05:59:19 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



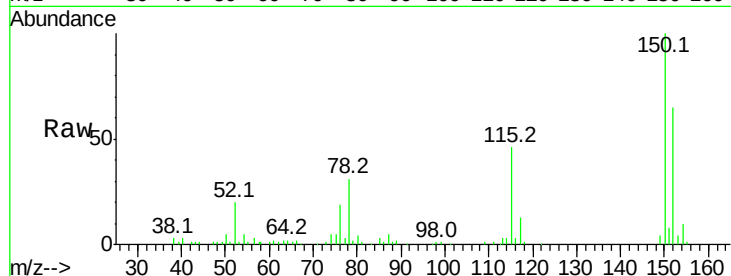


#1

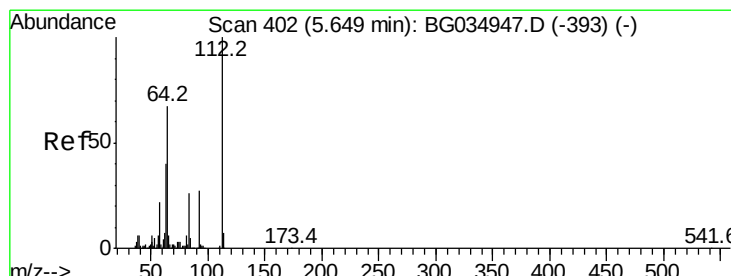
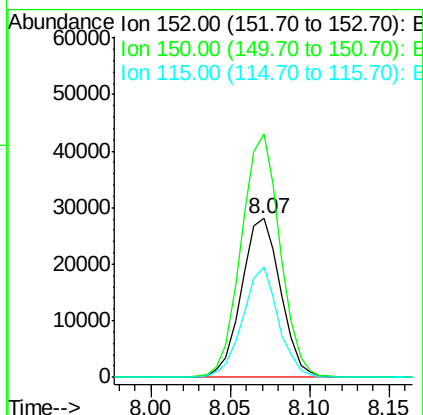
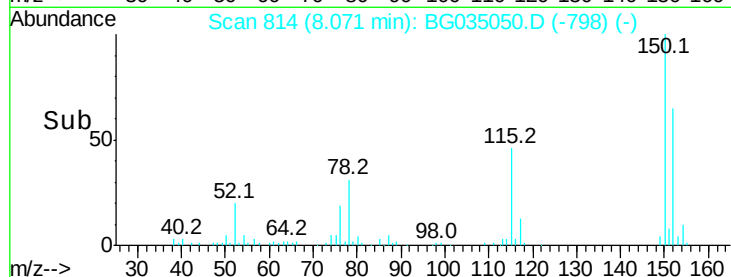
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 814
Delta R.T. -0.01 min
Lab File: BG035050.D
Acq: 12 Jun 2018 3:16

Instrument :
BNA_M
ClientSampled :

Tot Ion:152 Resp: 48121
Ion Ratio Lower Upper
152 100
150 153.5 126.6 189.8
115 70.0 53.0 79.4



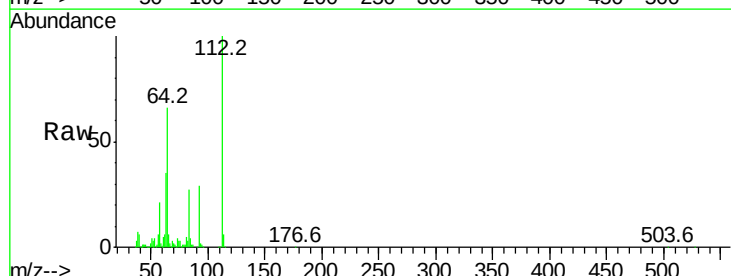
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



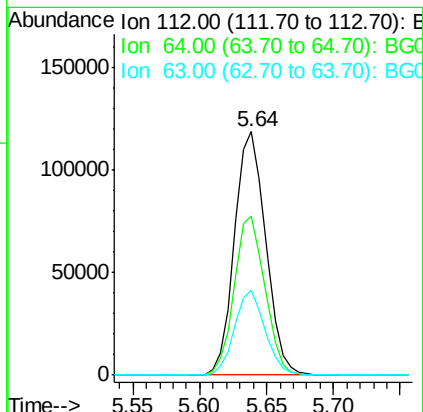
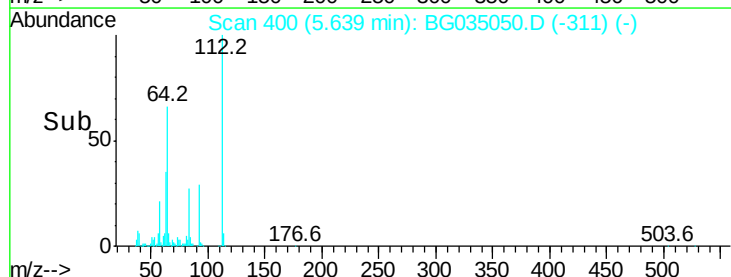
#5

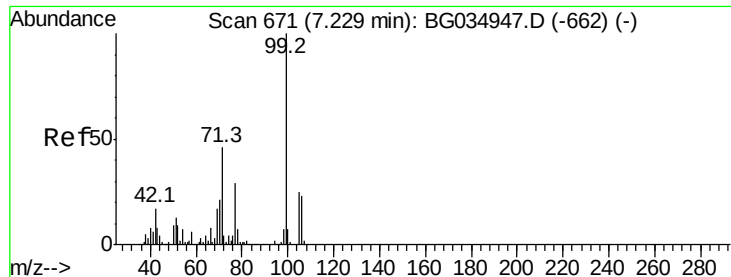
2-Fluorophenol
Concen: 67.669 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG035050.D
Acq: 12 Jun 2018 3:16

Tgt Ion:112 Resp: 192954
Ion Ratio Lower Upper
112 100
64 65.6 56.3 84.5
63 34.7 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: 43.125 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG035050.D

Acq: 12 Jun 2018 3:16

Instrument :

BNA_M

ClientSampleId :

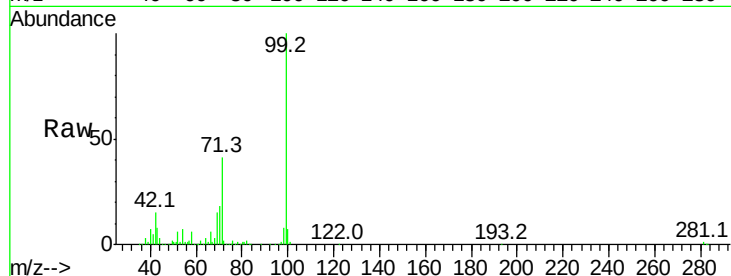
Tot Ion: 99 Resp: 181494

Ion Ratio Lower Upper

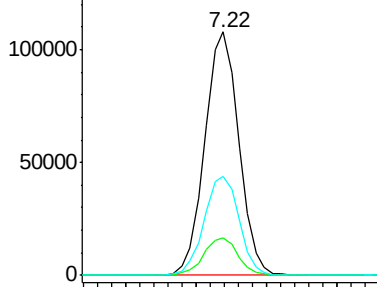
99 100

42 15.4 14.1 21.1

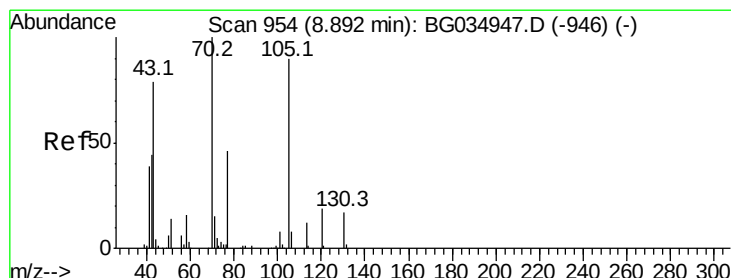
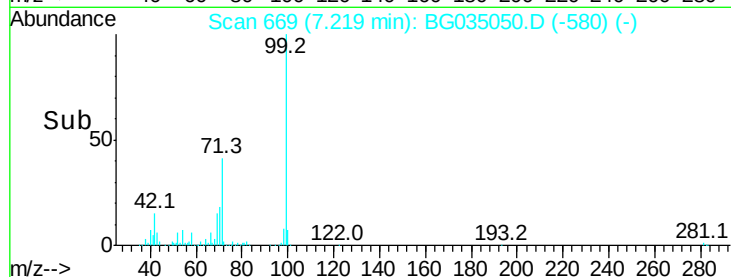
71 40.7 26.1 39.1#



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



Time-->



#19

n-Nitroso-di-n-propylamine

Concen: 17.377 ng

RT: 9.23 min Scan# 1011

Delta R.T. 0.35 min

Lab File: BG035050.D

Acq: 12 Jun 2018 3:16

Tgt Ion: 70 Resp: 62133

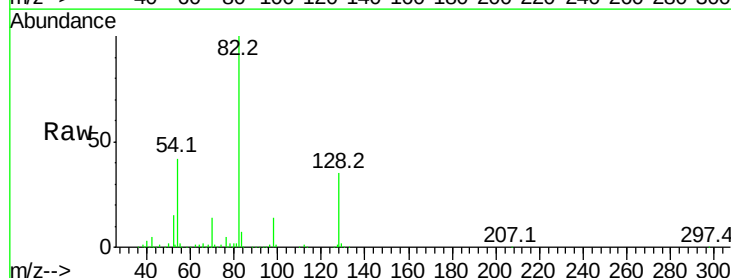
Ion Ratio Lower Upper

70 100

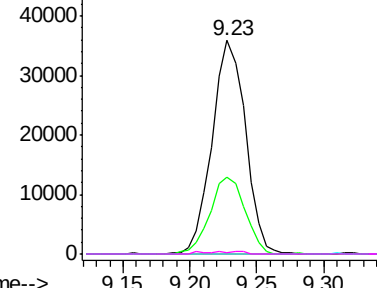
42 35.7 49.1 73.7#

101 0.0 8.5 12.7#

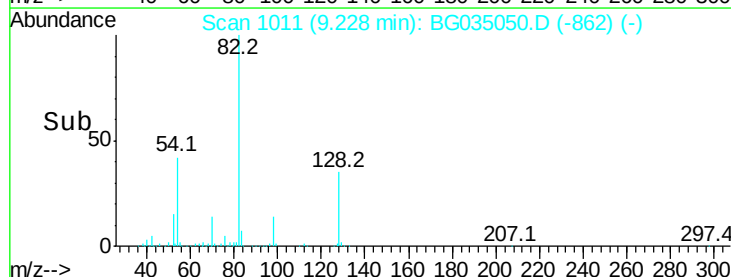
130 0.9 13.4 20.0#

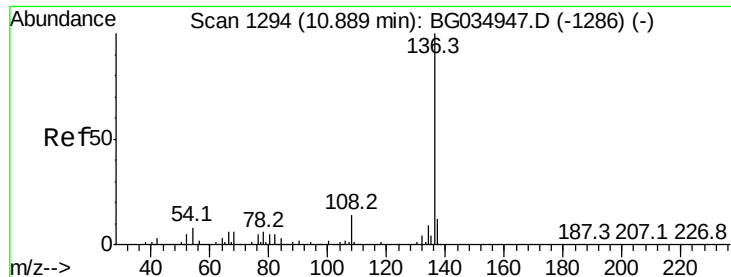


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC



Time-->

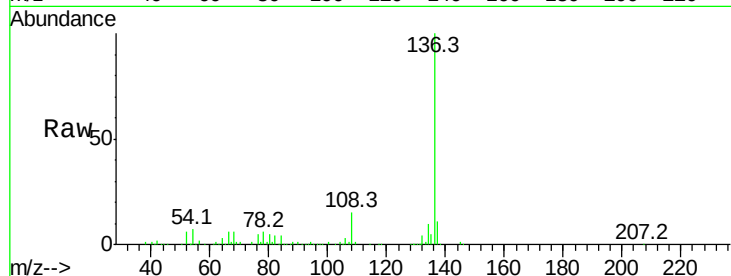




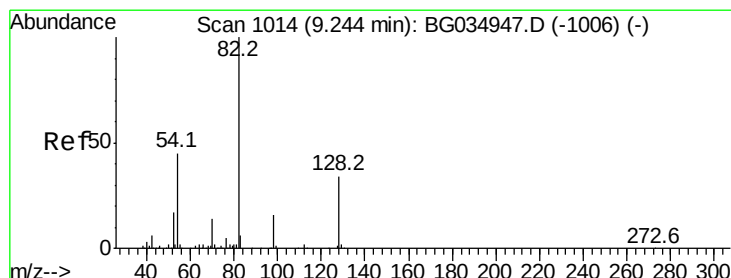
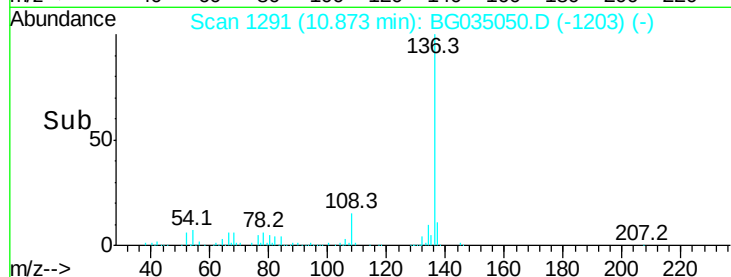
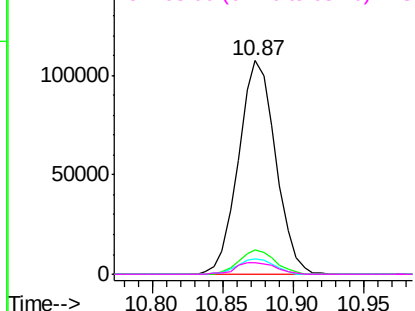
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1291
Delta R.T. -0.01 min
Lab File: BG035050.D
Acq: 12 Jun 2018 3:16

Instrument :
BNA_M
ClientSampleId :

Tot Ion:136	Resp:	197463
Ion Ratio	Lower	Upper
136	100	
137	11.3	9.2 13.8
54	7.4	10.3 15.5#
68	5.5	4.5 6.7

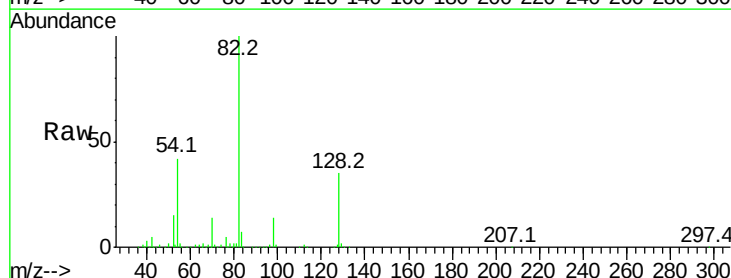


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

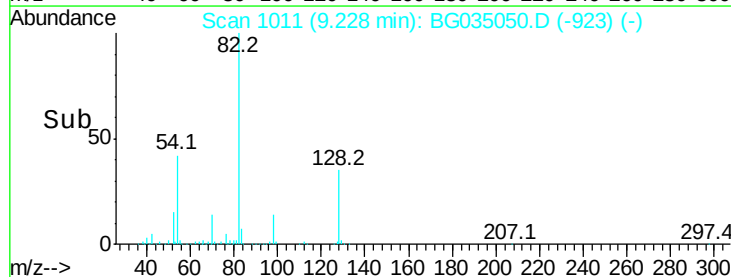
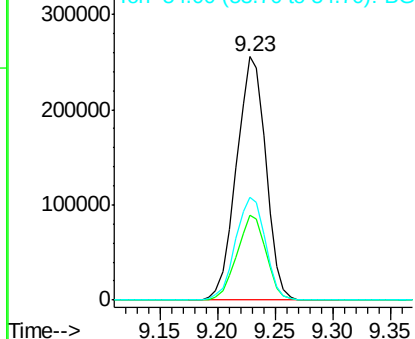


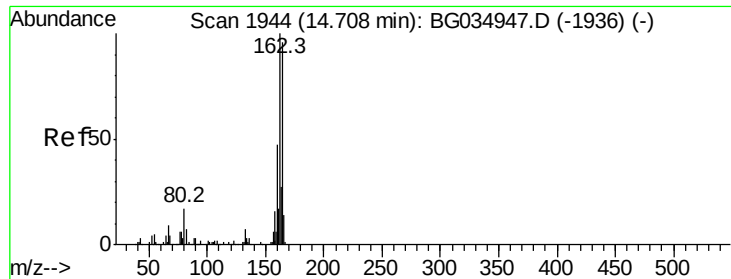
#23
Nitrobenzene-d5
Concen: 108.577 ng
RT: 9.23 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BG035050.D
Acq: 12 Jun 2018 3:16

Tgt Ion: 82	Resp:	451039
Ion Ratio	Lower	Upper
82	100	
128	34.8	29.7 44.5
54	42.3	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: 14.69 min Scan# 1941

Delta R.T. -0.01 min

Lab File: BG035050.D

Acq: 12 Jun 2018 3:16

Instrument :

BNA_M

ClientSampleId :

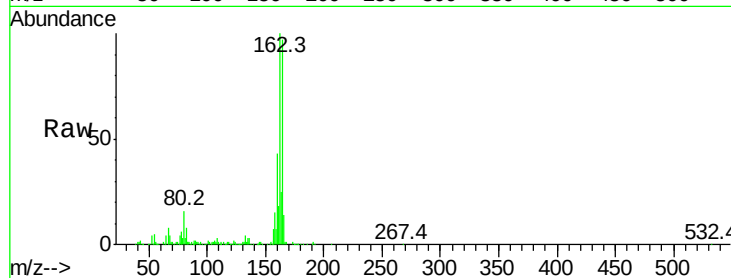
Tot Ion:164 Resp: 149316

Ion Ratio Lower Upper

164 100

162 103.5 78.8 118.2

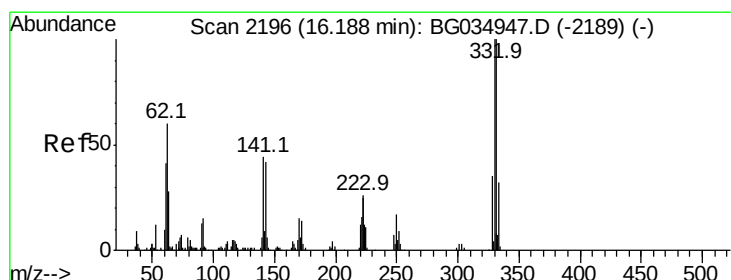
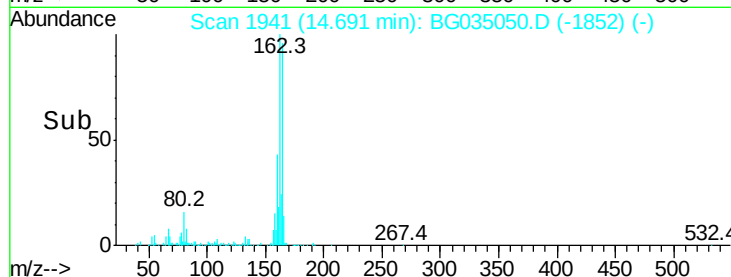
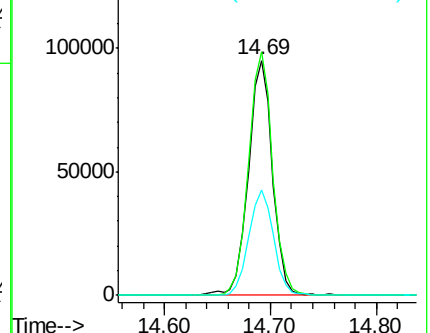
160 44.6 35.4 53.0



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: 162.183 ng

RT: 16.18 min Scan# 2194

Delta R.T. -0.01 min

Lab File: BG035050.D

Acq: 12 Jun 2018 3:16

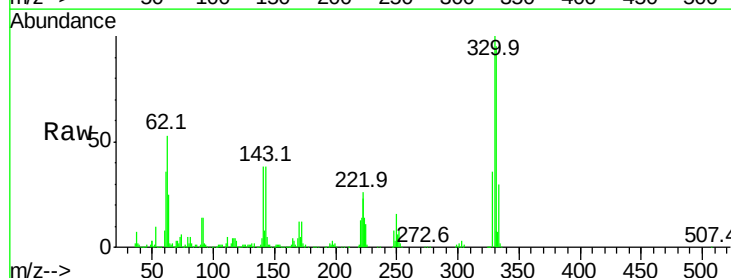
Tgt Ion:330 Resp: 310003

Ion Ratio Lower Upper

330 100

332 96.1 77.0 115.6

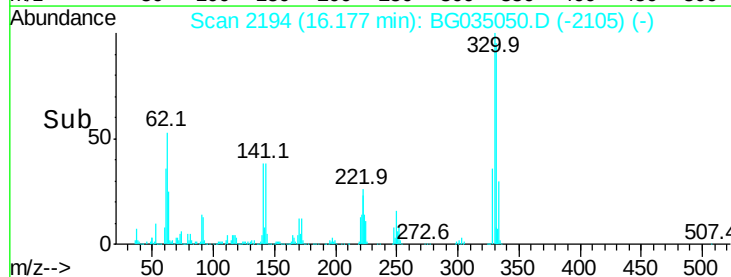
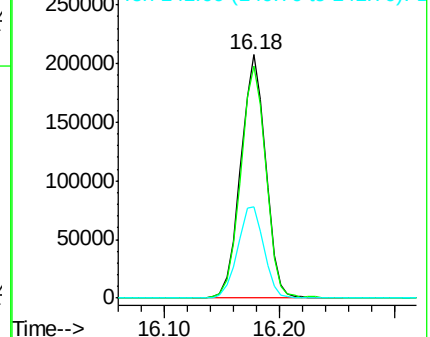
141 39.6 25.2 37.8#

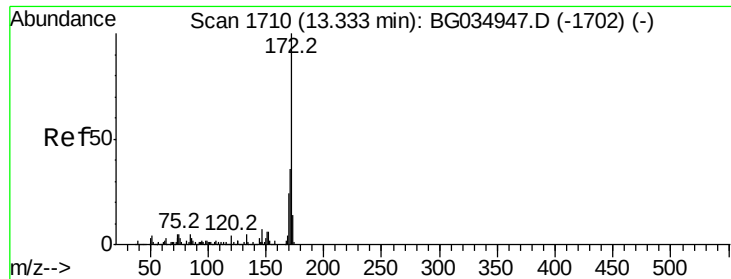


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

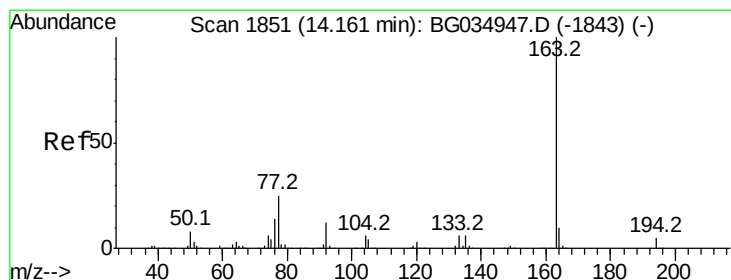
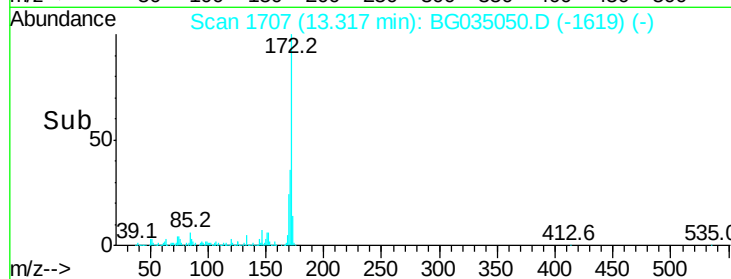
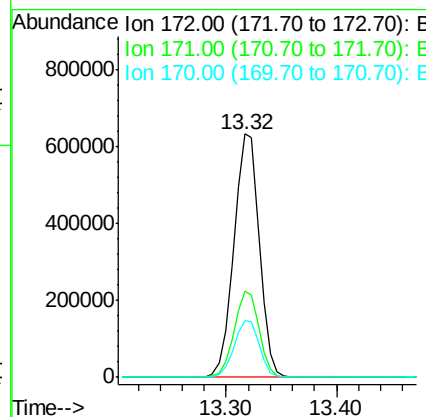
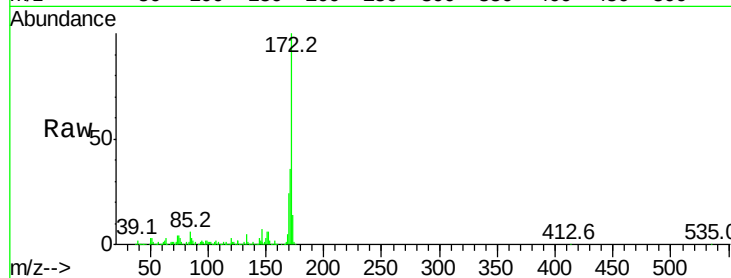




#44
2-Fluorobiphenyl
Concen: 88.912 ng
RT: 13.32 min Scan# 1707
Delta R.T. -0.01 min
Lab File: BG035050.D
Acq: 12 Jun 2018 3:16

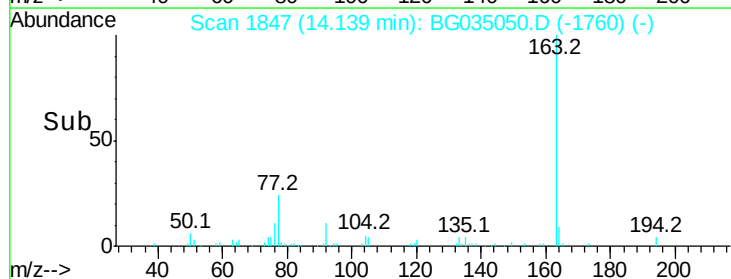
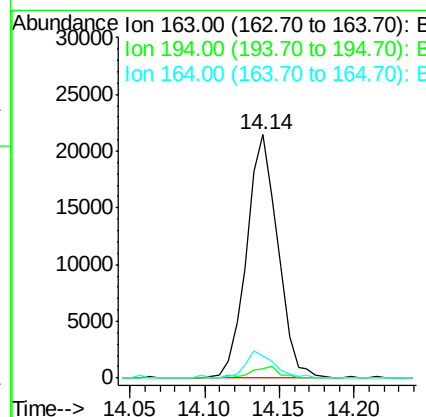
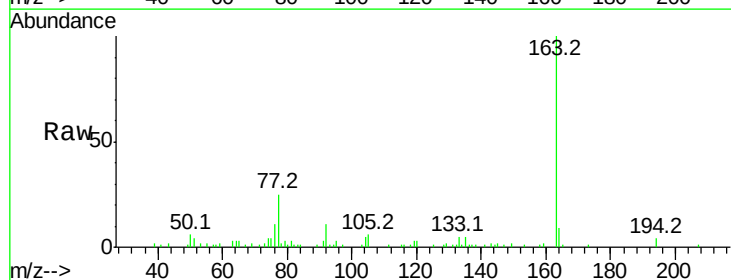
Instrument :
BNA_M
ClientSampleId :

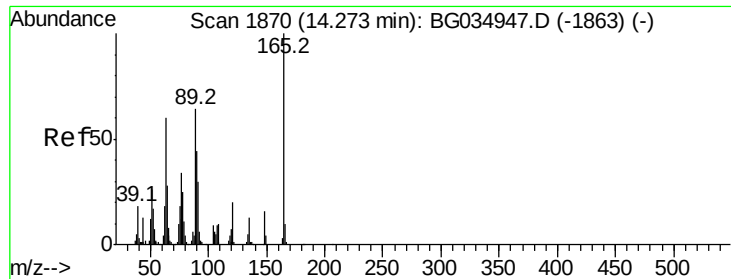
Tot Ion:172 Resp: 1021235
Ion Ratio Lower Upper
172 100
171 35.5 30.0 45.0
170 23.5 19.5 29.3



#49
Dimethylphthalate
Concen: 2.378 ng
RT: 14.14 min Scan# 1847
Delta R.T. -0.02 min
Lab File: BG035050.D
Acq: 12 Jun 2018 3:16

Tgt Ion:163 Resp: 30961
Ion Ratio Lower Upper
163 100
194 3.7 3.4 5.2
164 9.3 8.2 12.4

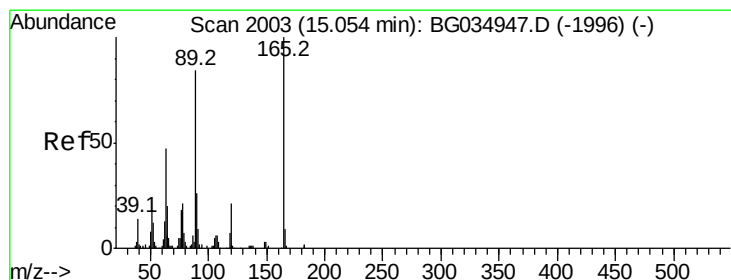
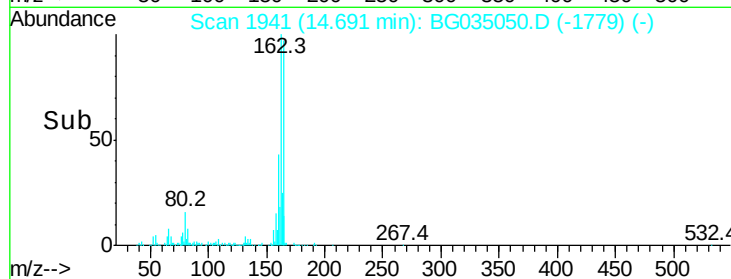
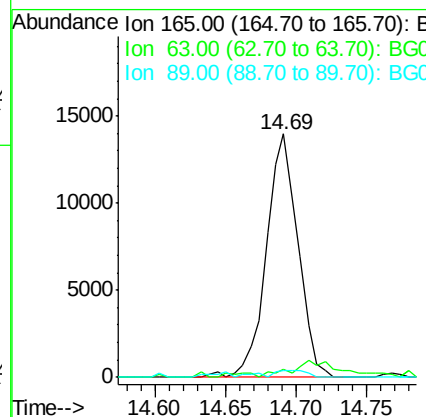
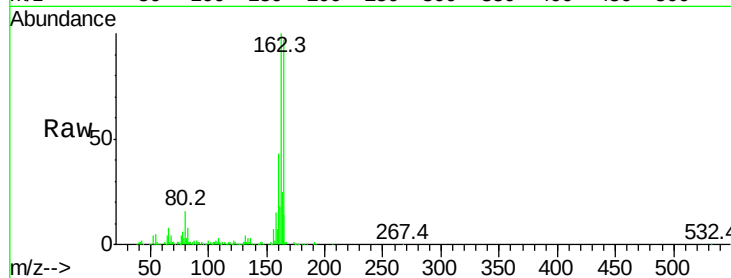




#50
 2,6-Dinitrotoluene
 Concen: 9.237 ng
 RT: 14.69 min Scan# 1941
 Delta R.T. 0.42 min
 Lab File: BG035050.D
 Acq: 12 Jun 2018 3:16

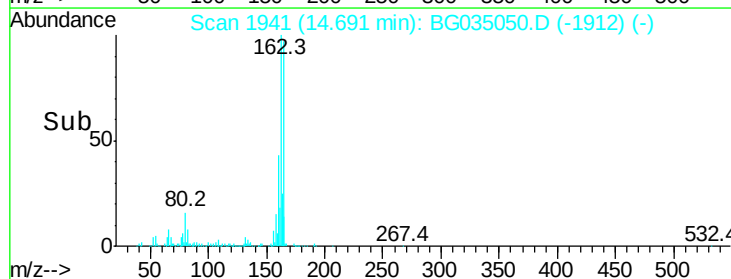
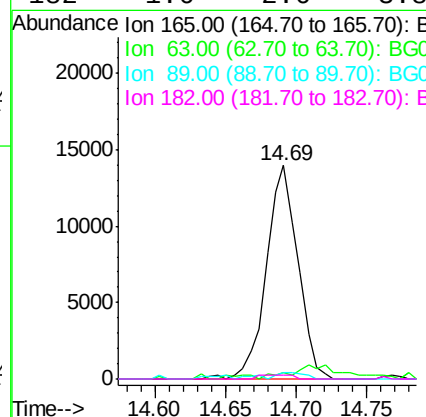
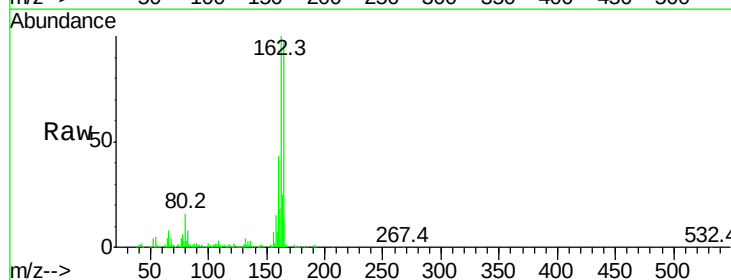
Instrument :
 BNA_M
 ClientSampleId :

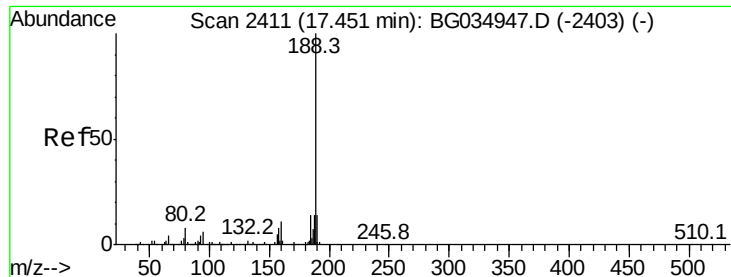
Tot Ion	Ratio	Lower	Upper
165	100		
63	3.1	52.7	79.1#
89	3.0	49.2	73.8#



#56
 2,4-Dinitrotoluene
 Concen: 6.953 ng
 RT: 14.69 min Scan# 1941
 Delta R.T. -0.36 min
 Lab File: BG035050.D
 Acq: 12 Jun 2018 3:16

Tgt Ion	Ratio	Lower	Upper
165	100		
63	3.1	42.0	63.0#
89	3.0	66.9	100.3#
182	1.6	2.6	3.8#





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.43 min Scan# 2408

Delta R.T. -0.01 min

Lab File: BG035050.D

Acq: 12 Jun 2018 3:16

Instrument :

BNA_M

ClientSampleId :

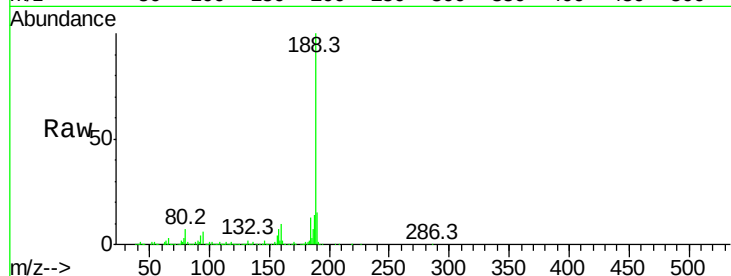
Tot Ion:188 Resp: 388100

Ion Ratio Lower Upper

188 100

94 6.1 6.9 10.3#

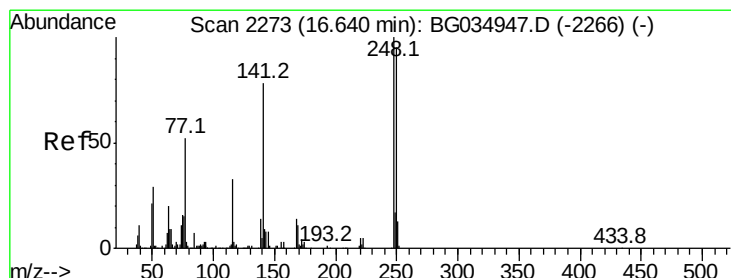
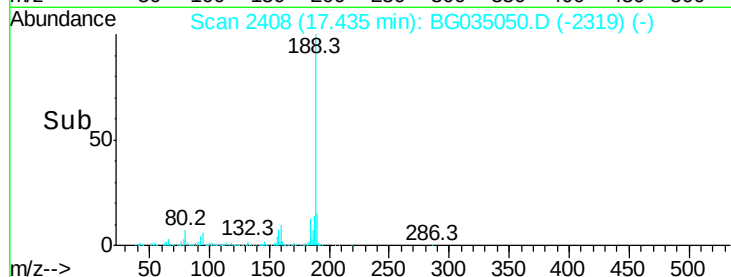
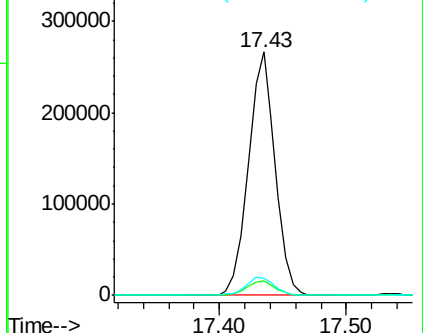
80 7.1 7.7 11.5#



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: 5.500 ng

RT: 16.18 min Scan# 2194

Delta R.T. -0.46 min

Lab File: BG035050.D

Acq: 12 Jun 2018 3:16

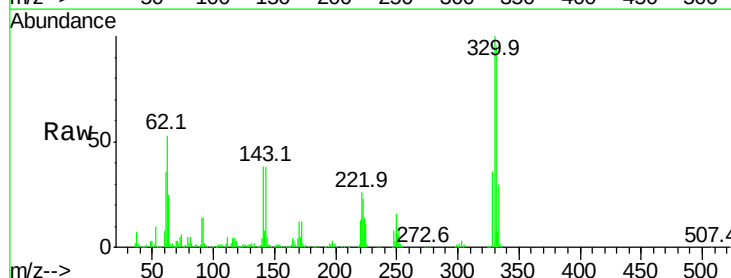
Tgt Ion:248 Resp: 25704

Ion Ratio Lower Upper

248 100

250 198.3 77.1 115.7#

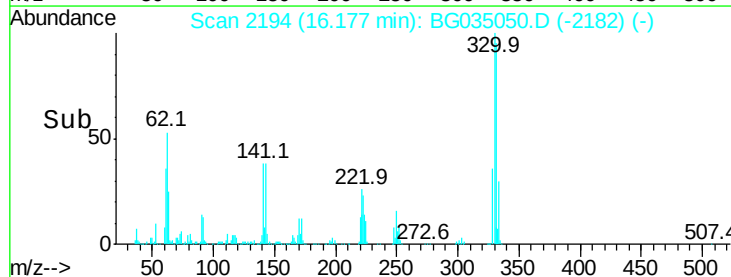
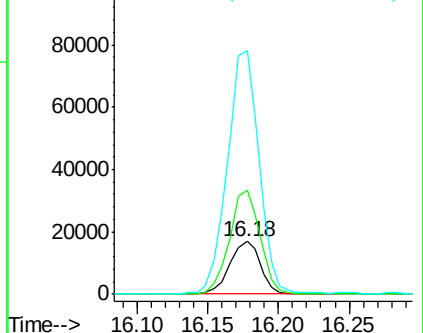
141 461.0 50.8 76.2#

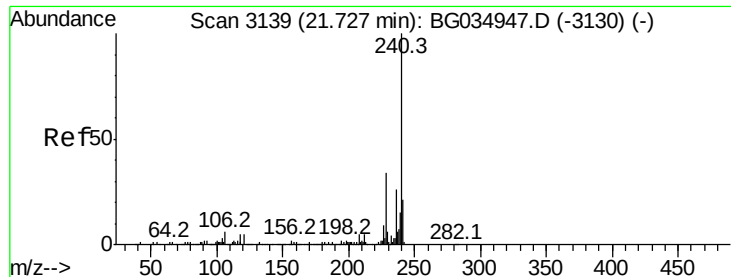


Abundance Ion 248.00 (247.70 to 248.70): E

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: 21.70 min Scan# 3134

Delta R.T. -0.02 min

Lab File: BG035050.D

Acq: 12 Jun 2018 3:16

Instrument :

BNA_M

ClientSampleId :

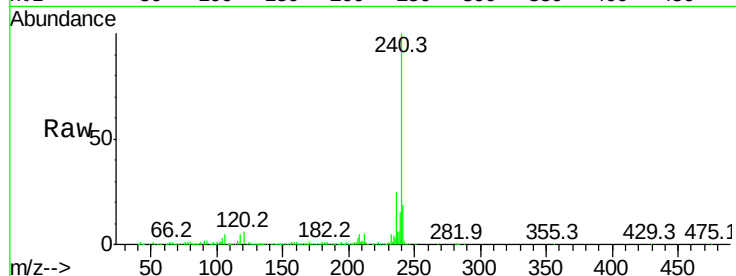
Tot Ion:240 Resp: 430433

Ion Ratio Lower Upper

240 100

120 5.7 6.8 10.2#

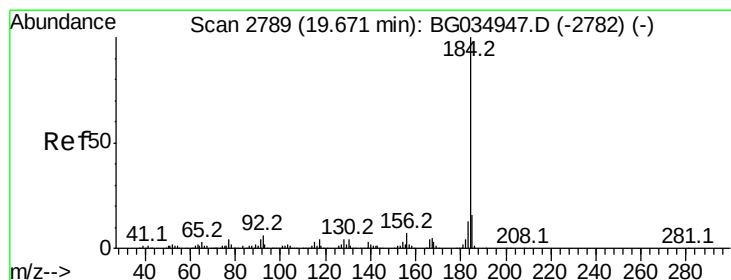
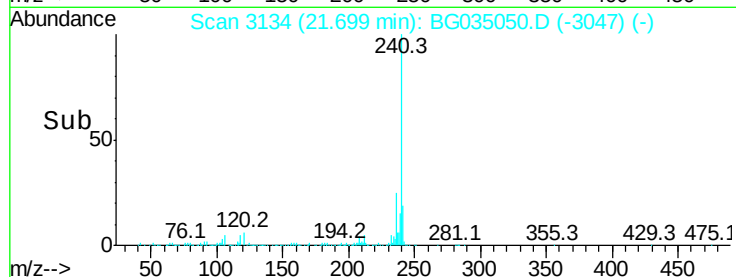
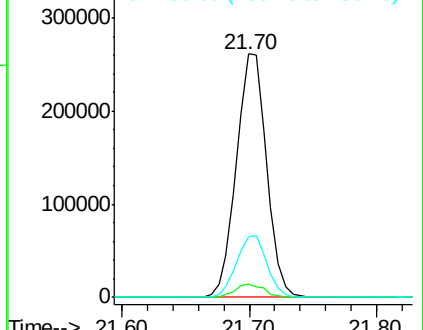
236 25.0 20.9 31.3



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: 2.003 ng

RT: 20.04 min Scan# 2852

Delta R.T. 0.38 min

Lab File: BG035050.D

Acq: 12 Jun 2018 3:16

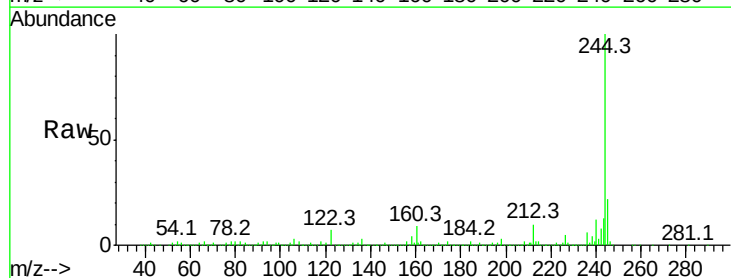
Tgt Ion:184 Resp: 32072

Ion Ratio Lower Upper

184 100

185 14.2 11.1 16.7

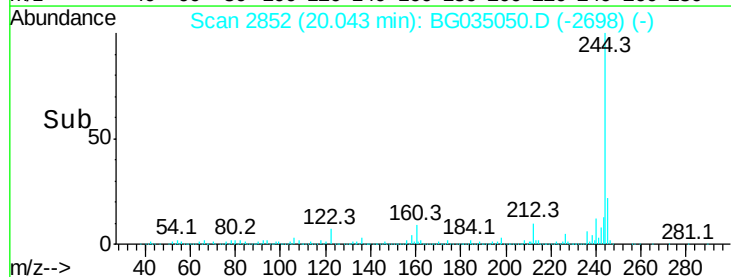
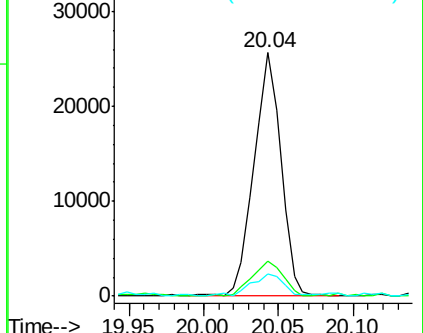
183 9.2 10.6 16.0#

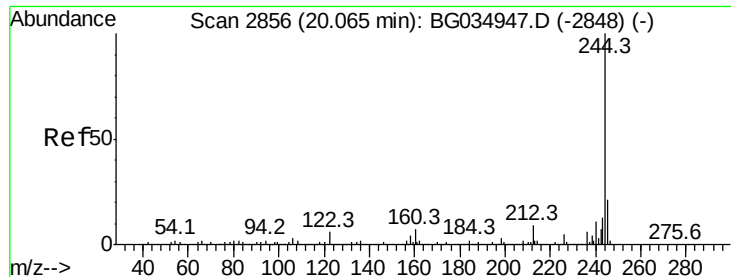


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 84.785 ng

RT: 20.04 min Scan# 2852

Delta R.T. -0.01 min

Lab File: BG035050.D

Acq: 12 Jun 2018 3:16

Instrument :

BNA_M

ClientSampleId :

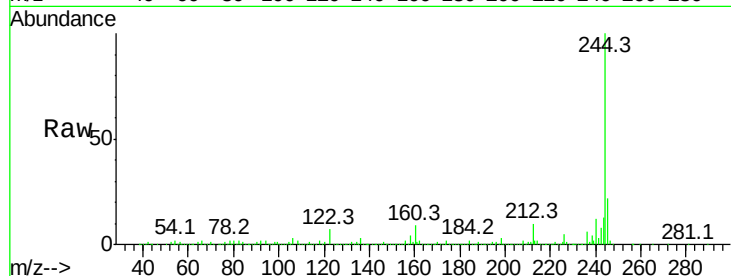
Tot Ion:244 Resp: 1742239

Ion Ratio Lower Upper

244 100

212 9.9 5.8 8.8#

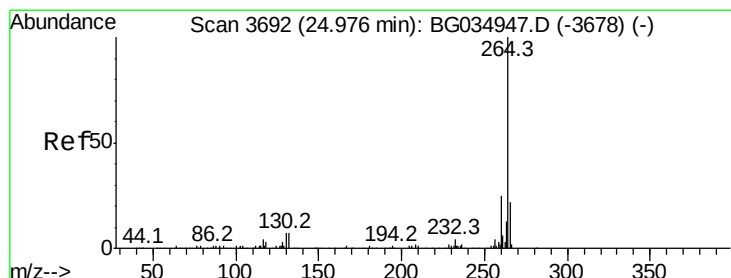
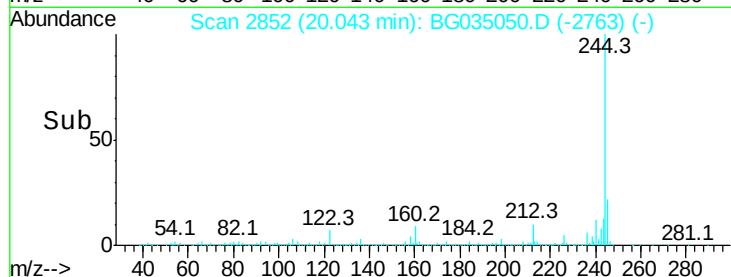
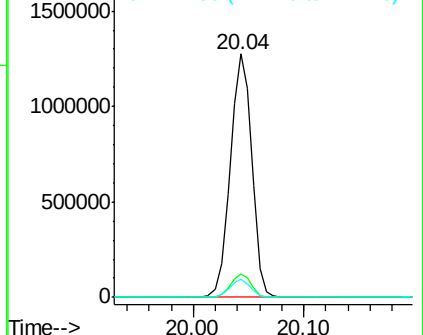
122 7.3 7.0 10.4



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: 24.94 min Scan# 3685

Delta R.T. -0.02 min

Lab File: BG035050.D

Acq: 12 Jun 2018 3:16

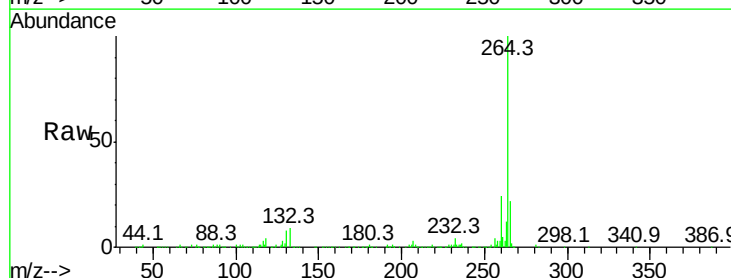
Tgt Ion:264 Resp: 424574

Ion Ratio Lower Upper

264 100

260 24.4 17.4 26.0

265 22.0 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

