

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG071318\
 Data File : BG035649.D
 Acq On : 14 Jul 2018 3:51
 Operator : JU/SJ
 Sample : J3975-02
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PAR-5

Quant Time: Jul 14 05:49:57 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 12 14:43:32 2018
 Response via : Initial Calibration

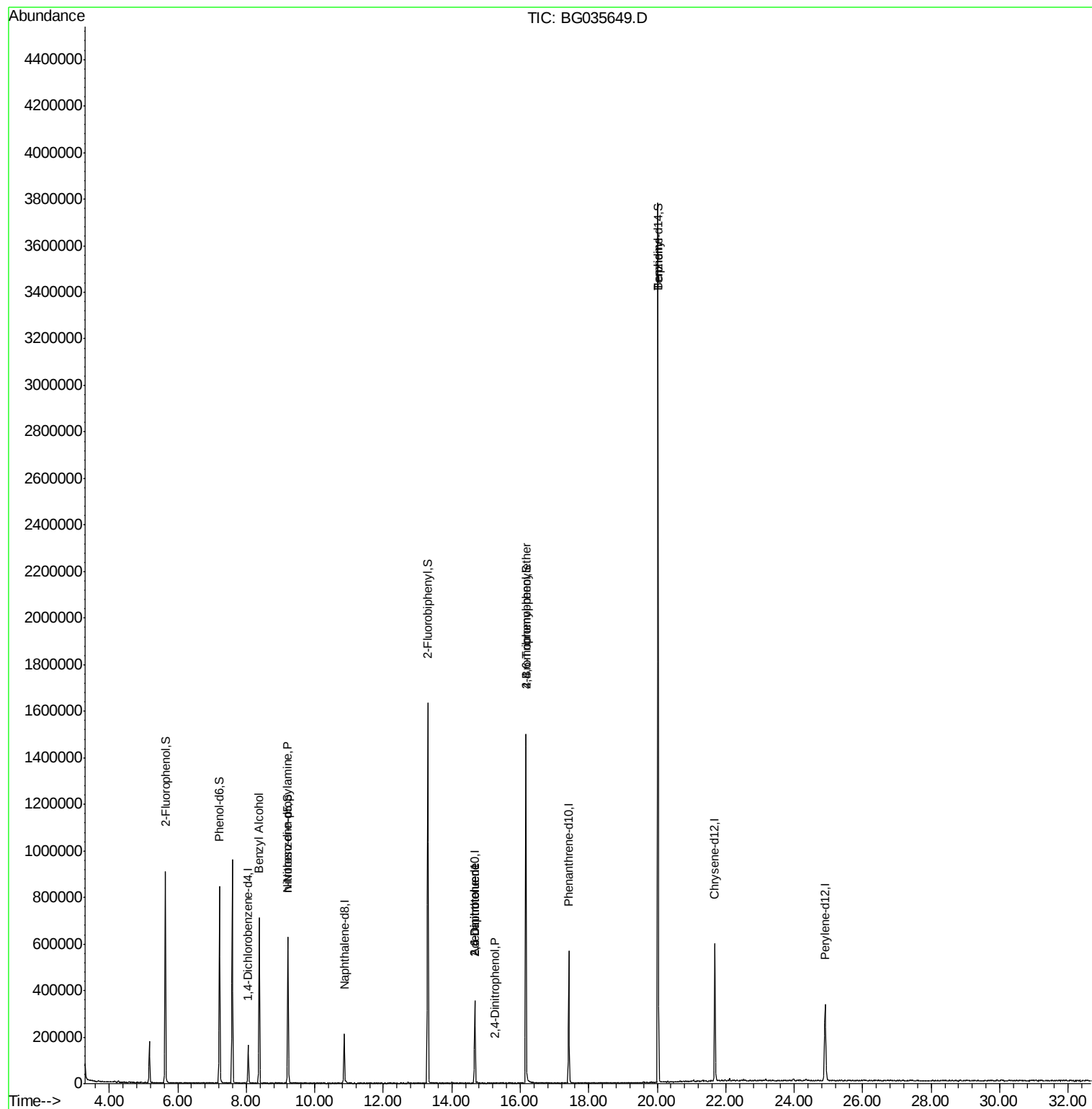
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	44742	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	166986	20.00	ng	0.00
38) Acenaphthene-d10	14.67	164	122519	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	353465	20.00	ng	0.00
75) Chrysene-d12	21.68	240	383677	20.00	ng	0.00
86) Perylene-d12	24.90	264	360734	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	378559	140.47	ng	0.00
7) Phenol-d6	7.22	99	486867	121.09	ng	0.00
23) Nitrobenzene-d5	9.22	82	403615	100.97	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	273304	169.24	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	886344	96.92	ng	0.00
78) Terphenyl-d14	20.02	244	1743374	100.16	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.38	79	7466	2.045	ng	# 45
19) n-Nitroso-di-n-propylamine	9.22	70	56592	16.714	ng	# 67
50) 2,6-Dinitrotoluene	14.67	165	16777	7.675	ng	# 20
53) 2,4-Dinitrophenol	15.24	184	55	6.627	ng	# 1
56) 2,4-Dinitrotoluene	14.67	165	16777	5.350	ng	# 18
66) 4-Bromophenyl-phenylether	16.17	248	22132	5.397	ng	# 1
76) Benzydine	20.02	184	32934	3.265	ng	# 91

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

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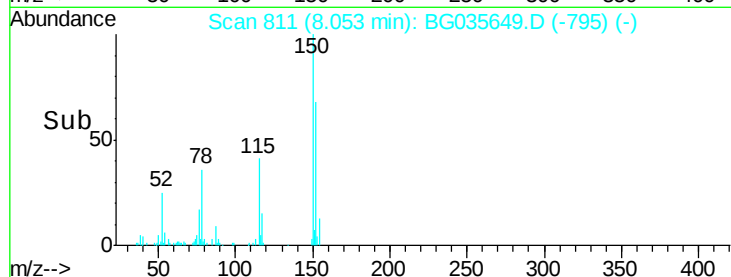
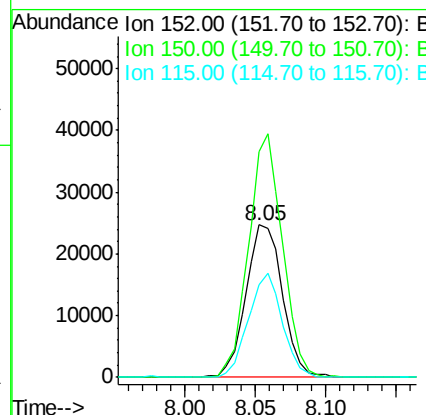
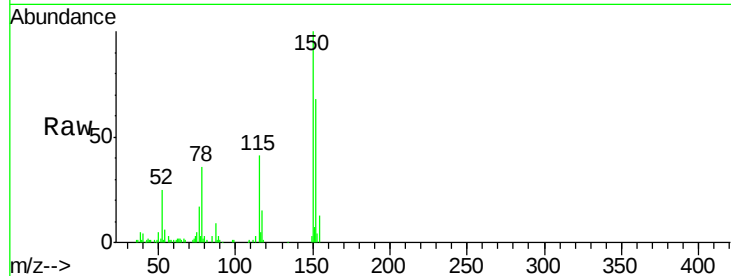


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.01 min
Lab File: BG035649.D
Acq: 14 Jul 2018 3:51

Instrument :
BNA_G
ClientSampled :
PAR-5

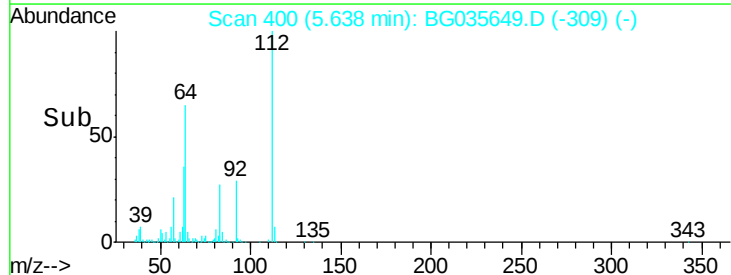
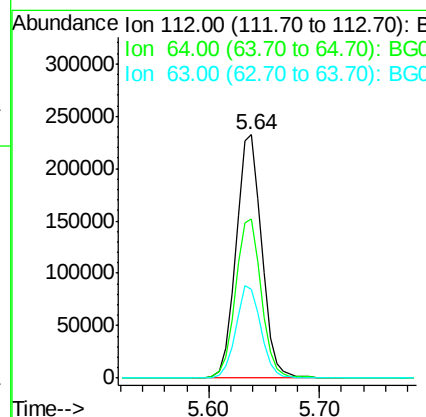
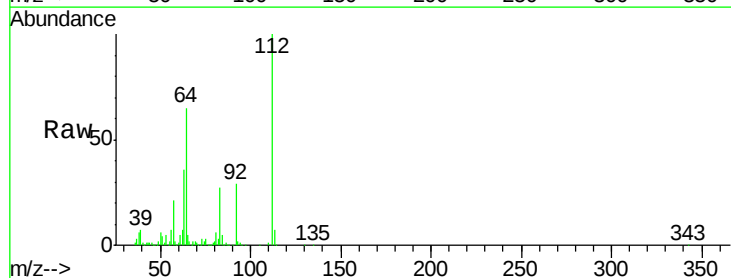
Tgt Ion:152 Resp: 44742
Ion Ratio Lower Upper
152 100
150 147.9 126.6 189.8
115 60.6 53.0 79.4



#5

2-Fluorophenol
Concen: 140.471 ng
RT: 5.64 min Scan# 400
Delta R.T. 0.01 min
Lab File: BG035649.D
Acq: 14 Jul 2018 3:51

Tgt Ion:112 Resp: 378559
Ion Ratio Lower Upper
112 100
64 65.4 56.3 84.5
63 36.3 30.1 45.1





#7

Phenol-d6

Concen: 121.087 ng

RT: 7.22 min Scan# 669

Delta R.T. 0.00 min

Lab File: BG035649.D

Acq: 14 Jul 2018 3:51

Instrument :

BNA_G

ClientSampleId :

PAR-5

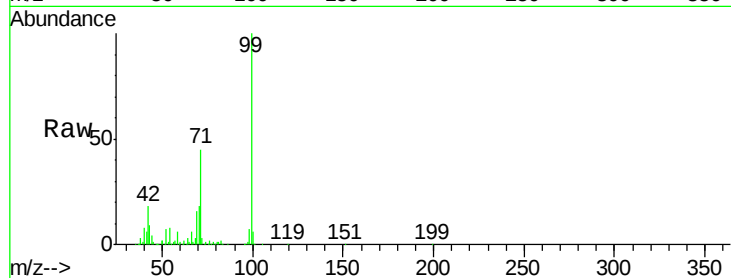
Tgt Ion: 99 Resp: 486867

Ion Ratio Lower Upper

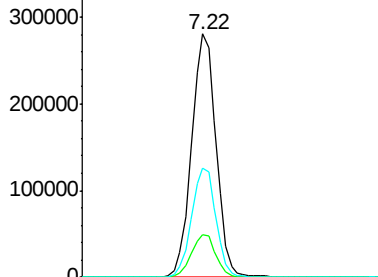
99 100

42 17.6 14.1 21.1

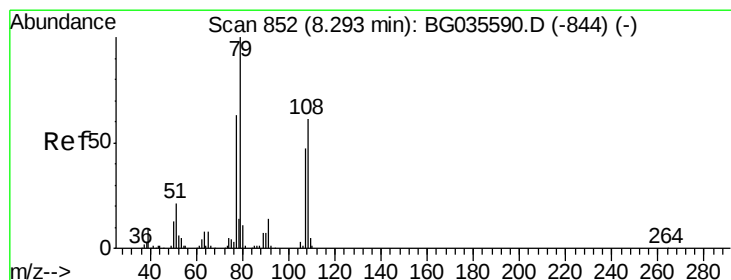
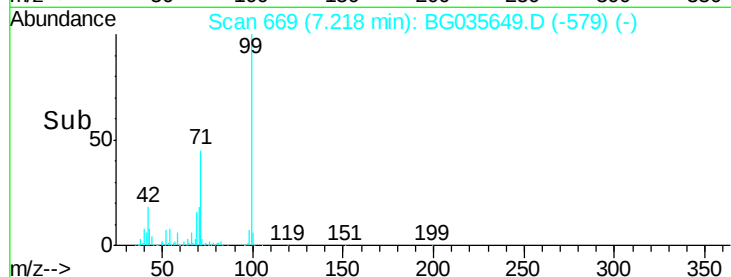
71 44.9 26.1 39.1#



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



Time--> 7.10 7.20 7.30



#15

Benzyl Alcohol

Concen: 2.045 ng

RT: 8.38 min Scan# 866

Delta R.T. 0.08 min

Lab File: BG035649.D

Acq: 14 Jul 2018 3:51

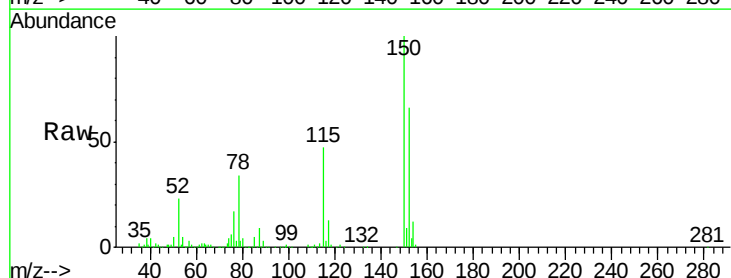
Tgt Ion: 79 Resp: 7466

Ion Ratio Lower Upper

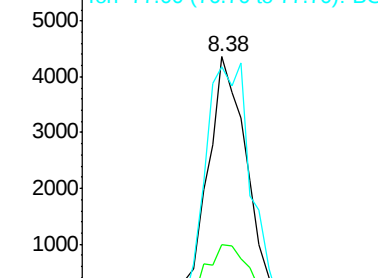
79 100

108 22.9 57.2 85.8#

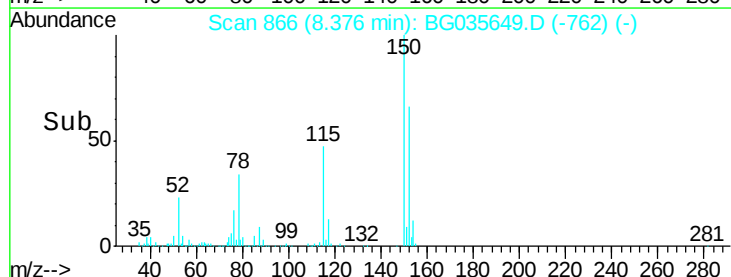
77 95.7 46.1 69.1#

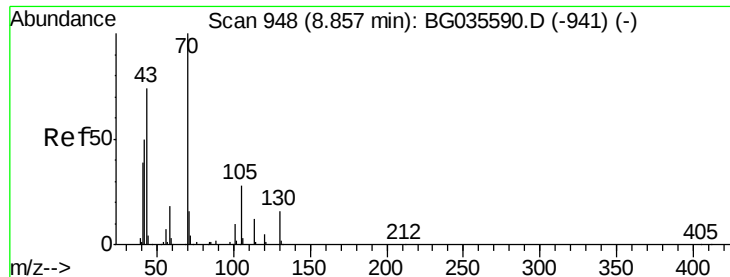


Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC



Time--> 8.30 8.35 8.40 8.45

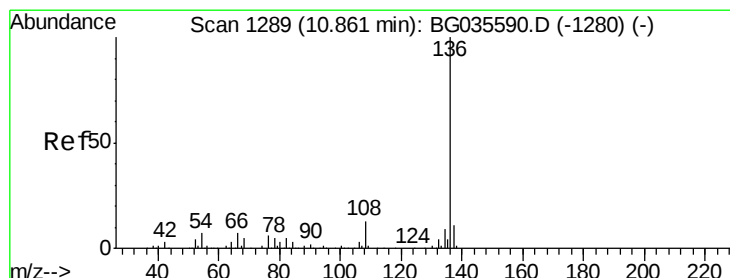
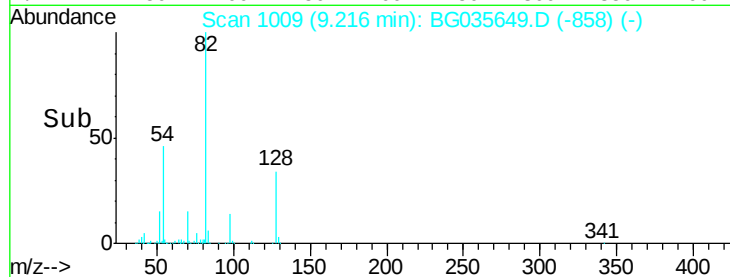
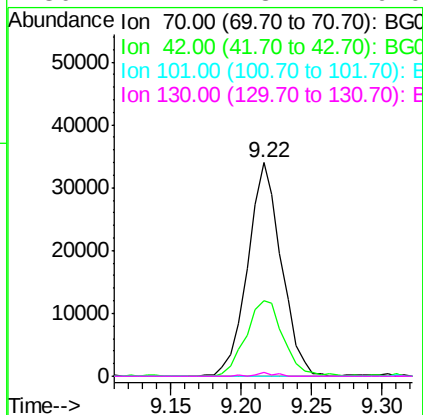
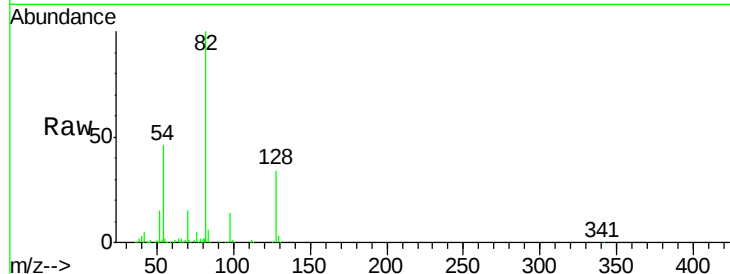




#19
n-Nitroso-di-n-propylamine
Concen: 16.714 ng
RT: 9.22 min Scan# 1009
Delta R.T. 0.36 min
Lab File: BG035649.D
Acq: 14 Jul 2018 3:51

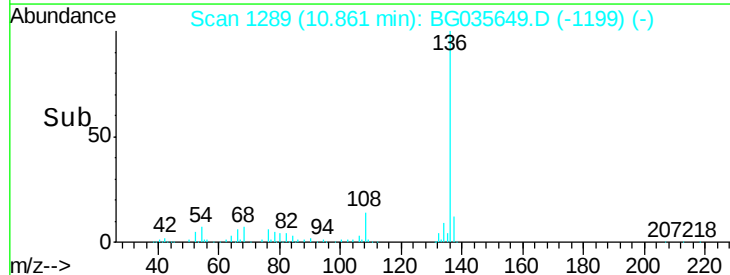
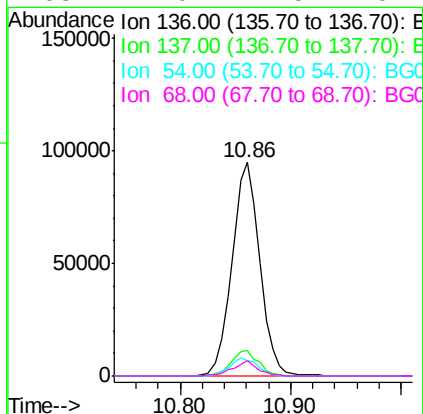
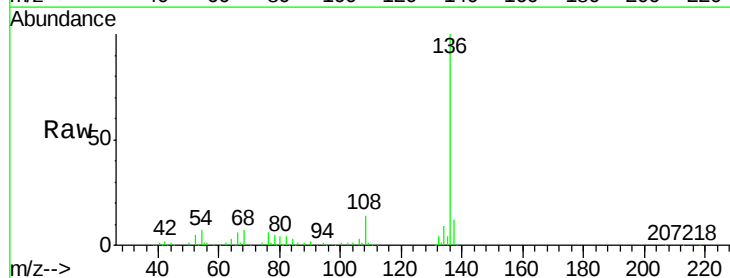
Instrument :
BNA_G
ClientSampleId :
PAR-5

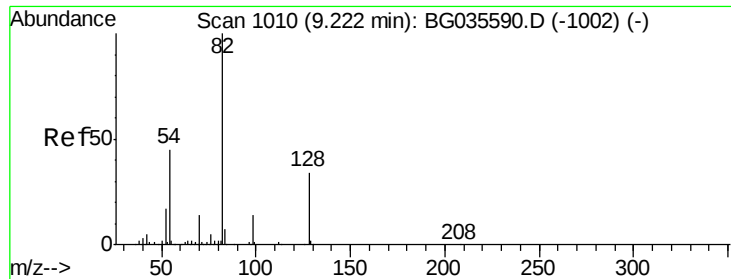
Tgt Ion: 70 Resp: 56592
Ion Ratio Lower Upper
70 100
42 35.6 49.1 73.7#
101 0.0 8.5 12.7#
130 1.7 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1289
Delta R.T. 0.00 min
Lab File: BG035649.D
Acq: 14 Jul 2018 3:51

Tgt Ion: 136 Resp: 166986
Ion Ratio Lower Upper
136 100
137 11.7 9.2 13.8
54 7.1 10.3 15.5#
68 7.0 4.5 6.7#

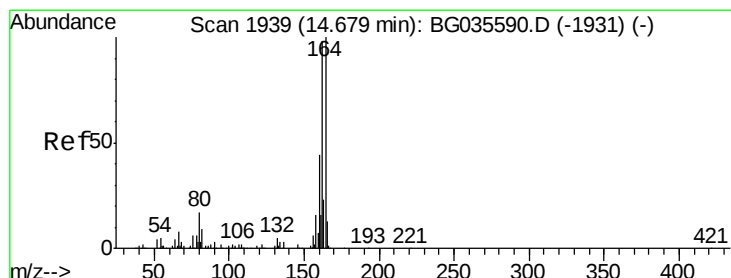
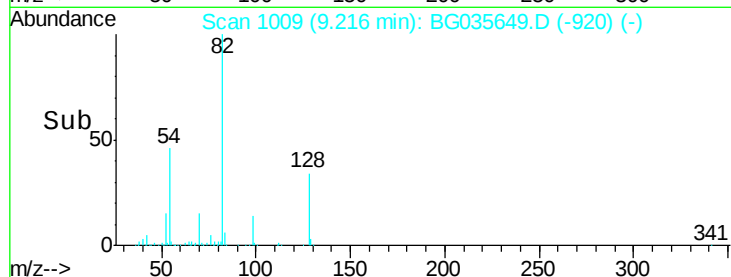
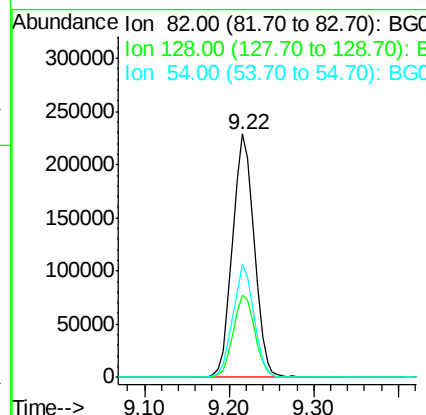
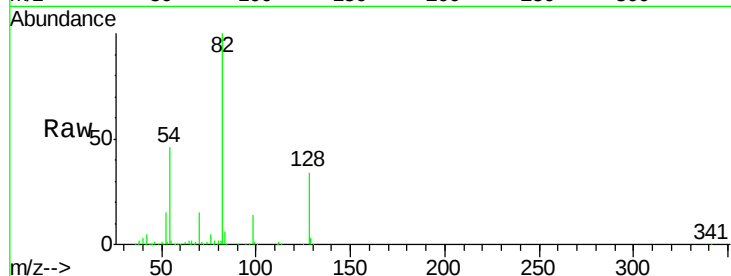




#23
 Nitrobenzene-d5
 Concen: 100.972 ng
 RT: 9.22 min Scan# 1009
 Delta R.T. -0.01 min
 Lab File: BG035649.D
 Acq: 14 Jul 2018 3:51

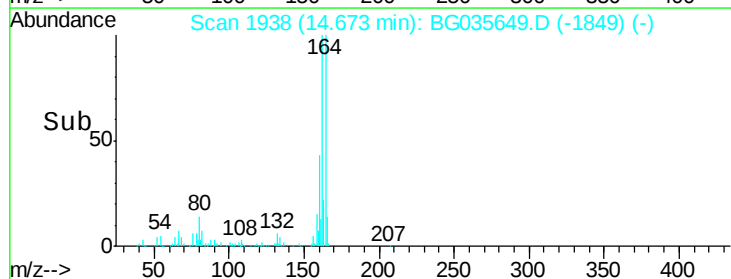
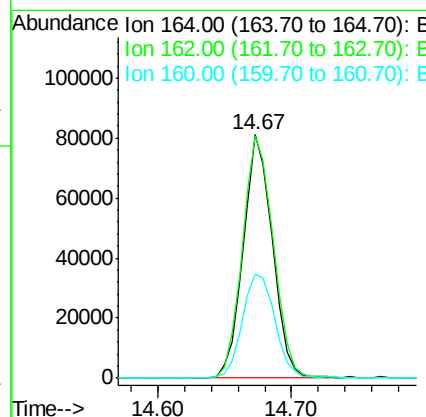
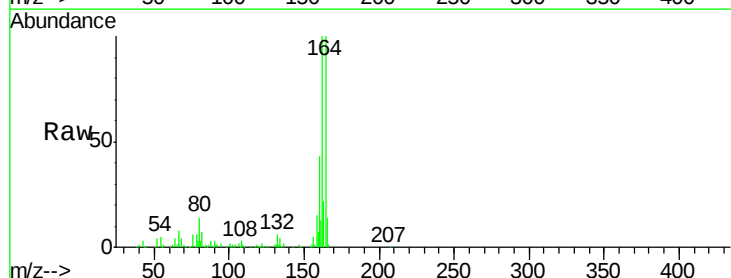
Instrument :
 BNA_G
 ClientSampleId :
 PAR-5

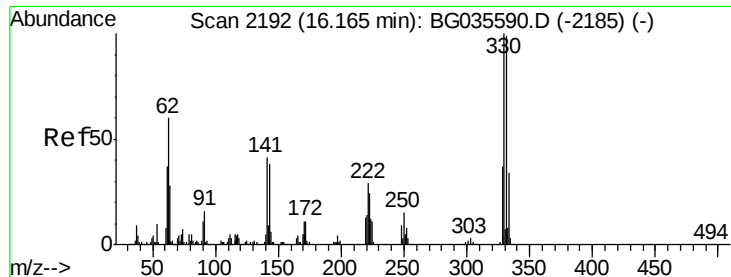
Tgt Ion: 82 Resp: 403615
 Ion Ratio Lower Upper
 82 100
 128 33.7 29.7 44.5
 54 46.2 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1938
 Delta R.T. -0.01 min
 Lab File: BG035649.D
 Acq: 14 Jul 2018 3:51

Tgt Ion: 164 Resp: 122519
 Ion Ratio Lower Upper
 164 100
 162 99.5 78.8 118.2
 160 42.9 35.4 53.0

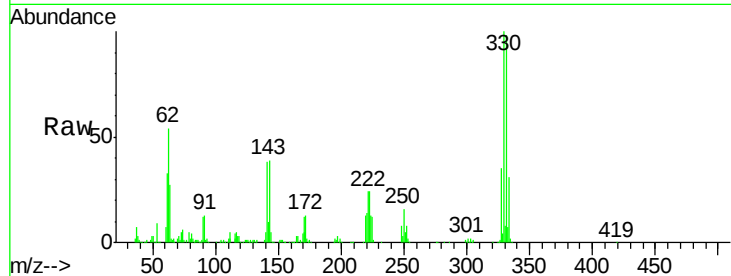




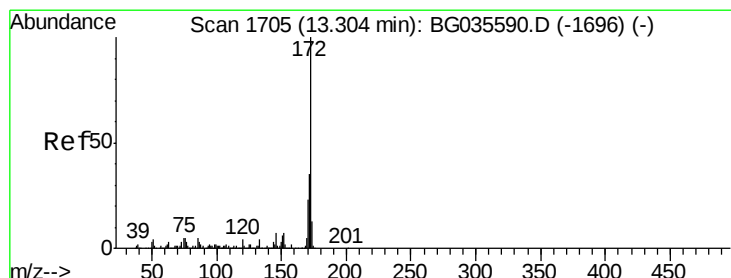
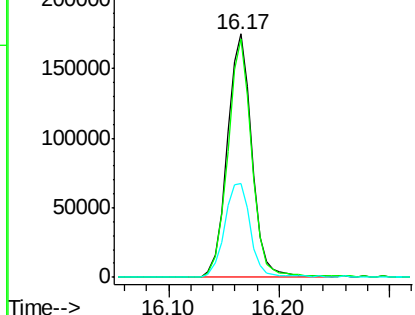
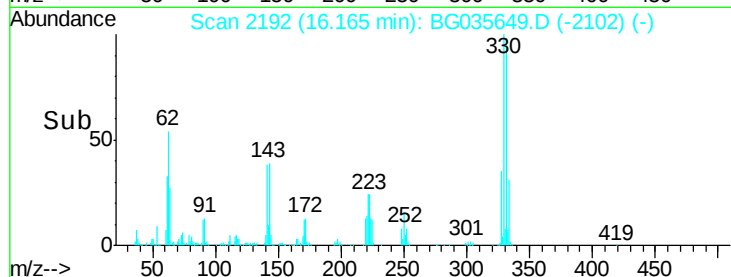
#41
 2,4,6-Tribromophenol
 Concen: 169.241 ng
 RT: 16.17 min Scan# 2192
 Delta R.T. 0.00 min
 Lab File: BG035649.D
 Acq: 14 Jul 2018 3:51

Instrument :
 BNA_G
 ClientSampled :
 PAR-5

Tgt Ion:330 Resp: 273304
 Ion Ratio Lower Upper
 330 100
 332 95.2 77.0 115.6
 141 40.7 25.2 37.8#

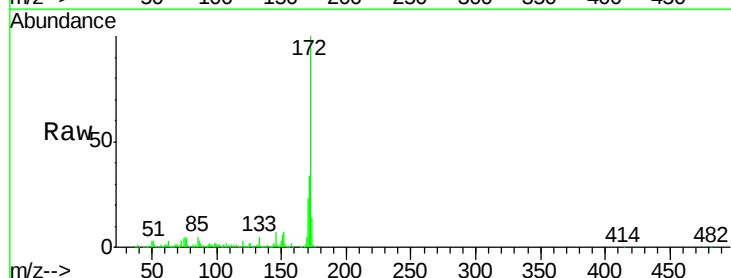


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

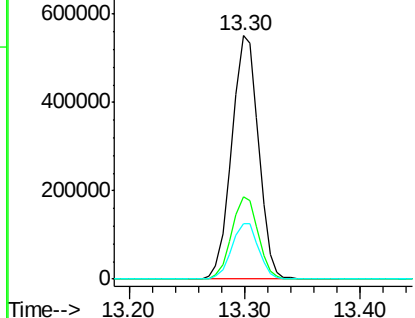
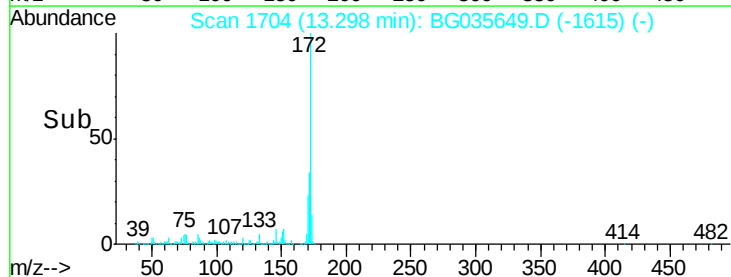


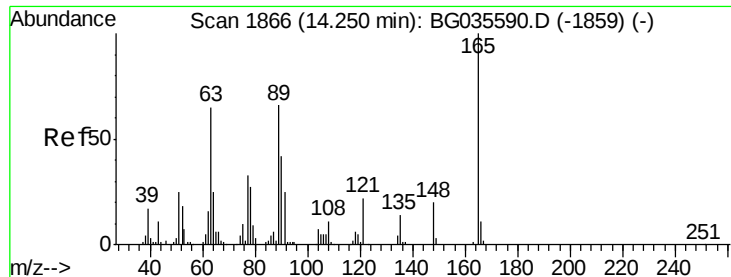
#44
 2-Fluorobiphenyl
 Concen: 96.921 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BG035649.D
 Acq: 14 Jul 2018 3:51

Tgt Ion:172 Resp: 886344
 Ion Ratio Lower Upper
 172 100
 171 33.8 30.0 45.0
 170 22.6 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

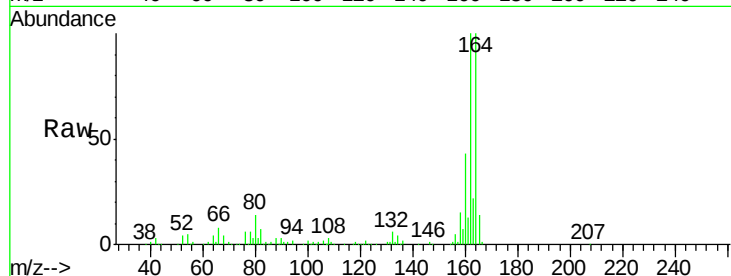




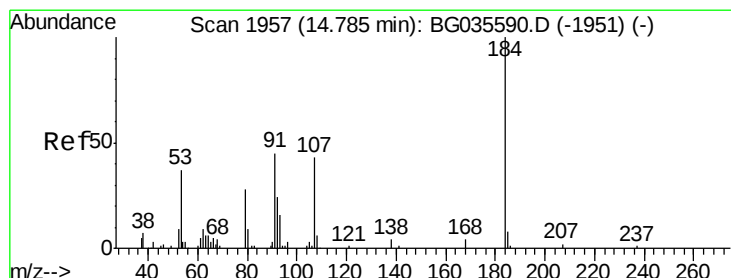
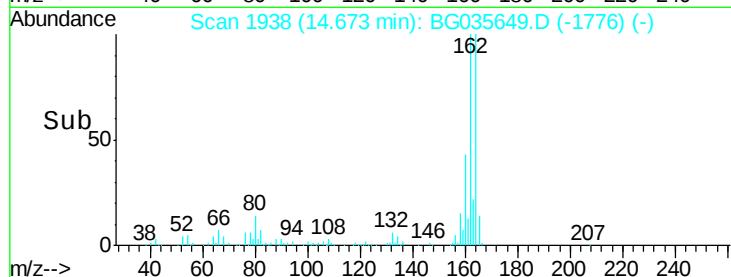
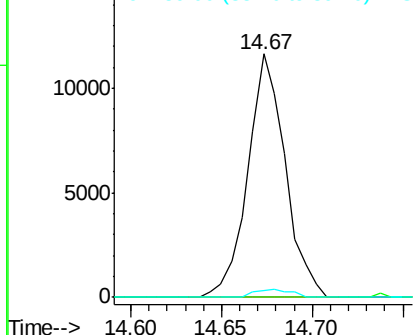
#50
2,6-Dinitrotoluene
Concen: 7.675 ng
RT: 14.67 min Scan# 1938
Delta R.T. 0.42 min
Lab File: BG035649.D
Acq: 14 Jul 2018 3:51

Instrument :
BNA_G
ClientSampleId :
PAR-5

Tgt Ion:165 Resp: 16777
Ion Ratio Lower Upper
165 100
63 0.0 52.7 79.1#
89 2.9 49.2 73.8#

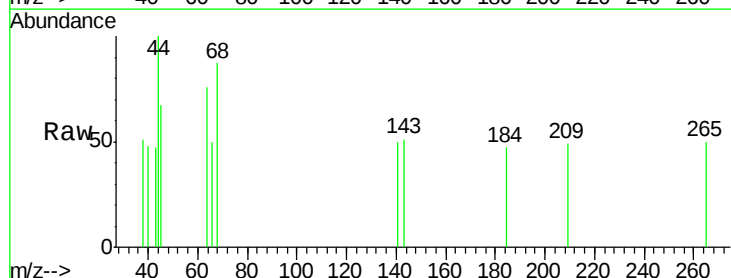


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC

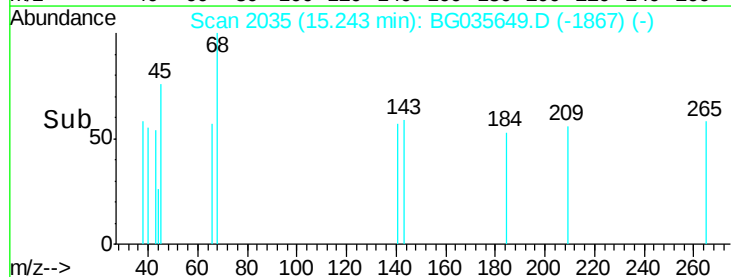
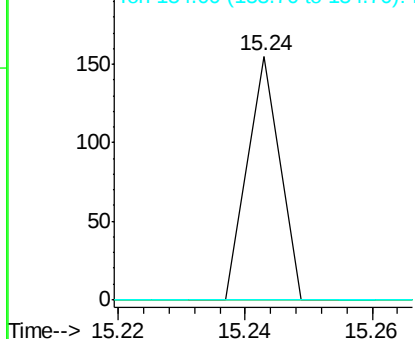


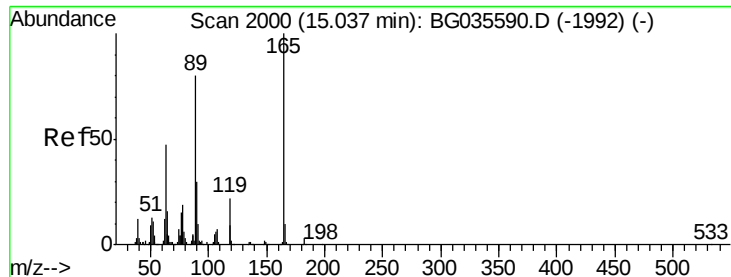
#53
2,4-Dinitrophenol
Concen: 6.627 ng
RT: 15.24 min Scan# 2035
Delta R.T. 0.46 min
Lab File: BG035649.D
Acq: 14 Jul 2018 3:51

Tgt Ion:184 Resp: 55
Ion Ratio Lower Upper
184 100
63 0.0 59.8 89.8#
154 0.0 101.8 152.8#



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 154.00 (153.70 to 154.70): E

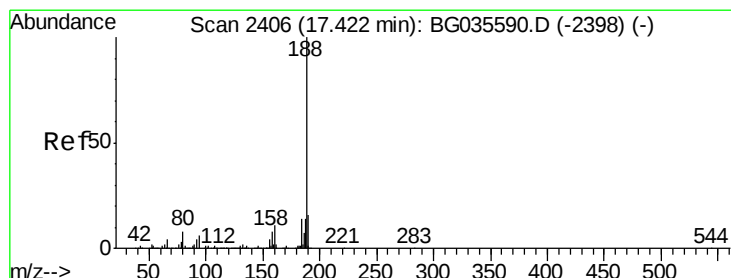
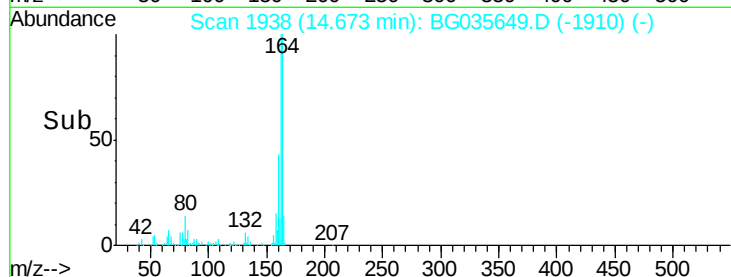
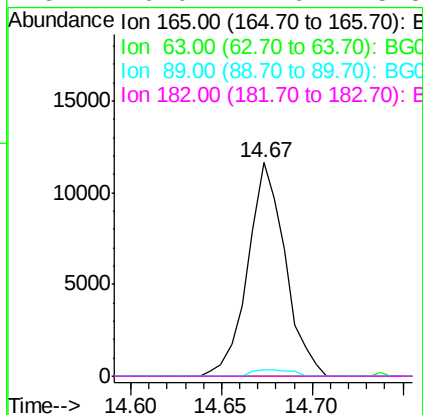
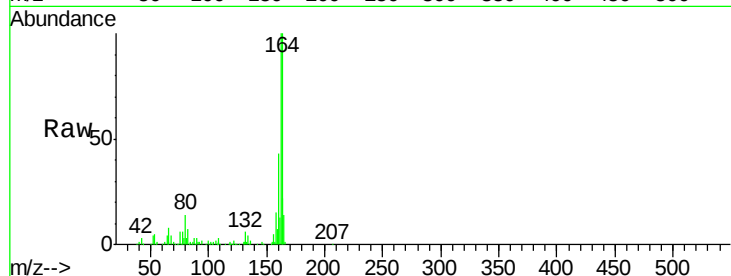




#56
2,4-Dinitrotoluene
Concen: 5.350 ng
RT: 14.67 min Scan# 1938
Delta R.T. -0.36 min
Lab File: BG035649.D
Acq: 14 Jul 2018 3:51

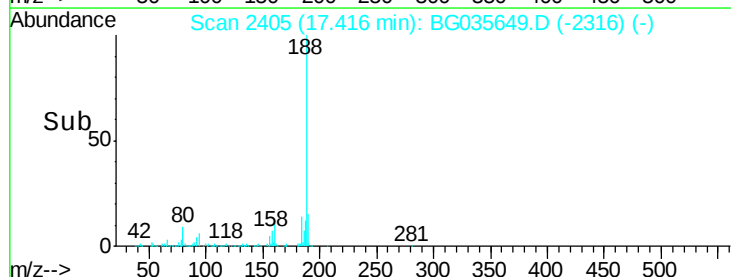
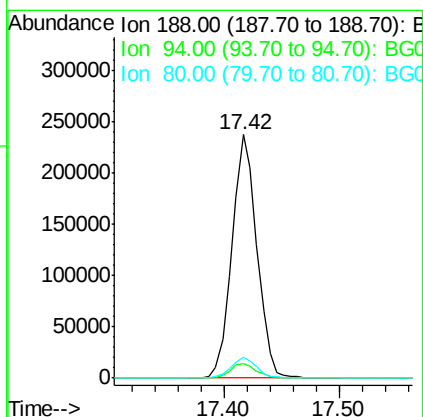
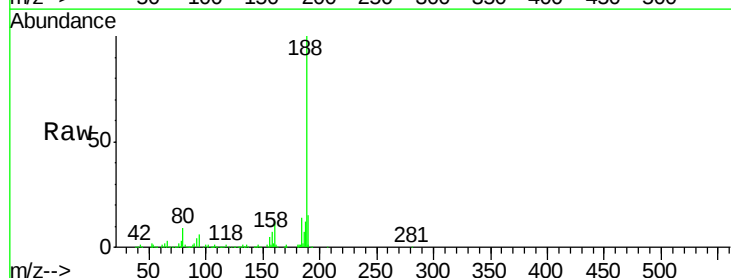
Instrument :
BNA_G
ClientSampleId :
PAR-5

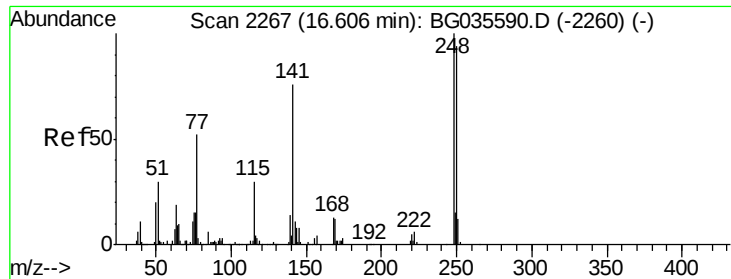
Tgt Ion:165 Resp: 16777
Ion Ratio Lower Upper
165 100
63 0.0 42.0 63.0#
89 2.9 66.9 100.3#
182 0.0 2.6 3.8#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2405
Delta R.T. -0.01 min
Lab File: BG035649.D
Acq: 14 Jul 2018 3:51

Tgt Ion:188 Resp: 353465
Ion Ratio Lower Upper
188 100
94 5.8 6.9 10.3#
80 8.6 7.7 11.5

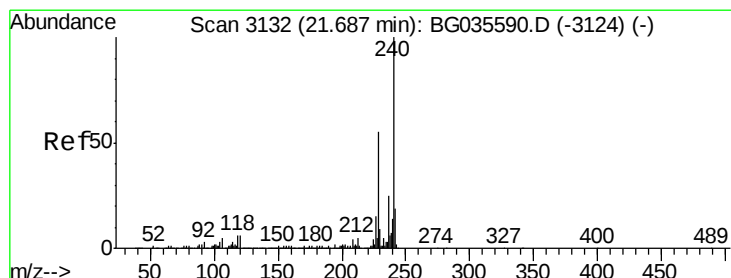
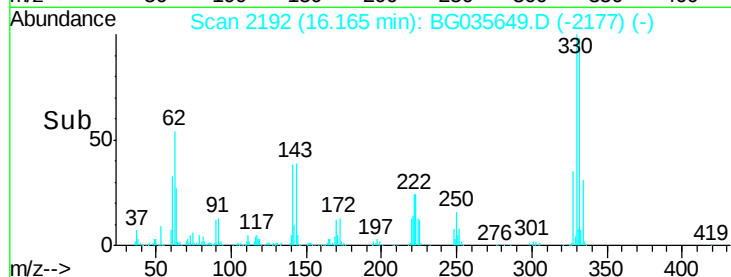
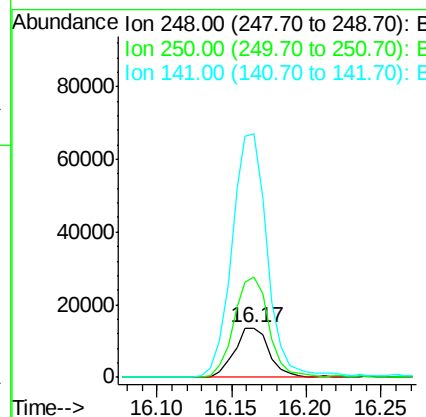
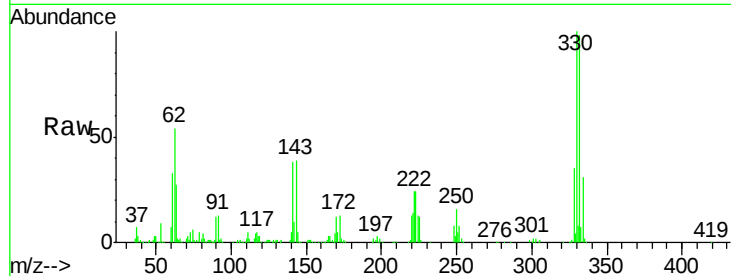




#66
 4-Bromophenyl-phenylether
 Concen: 5.397 ng
 RT: 16.17 min Scan# 2192
 Delta R.T. -0.44 min
 Lab File: BG035649.D
 Acq: 14 Jul 2018 3:51

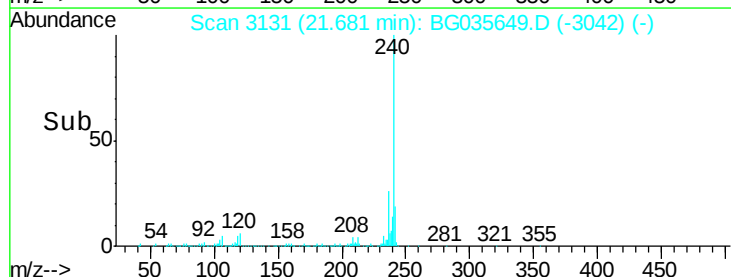
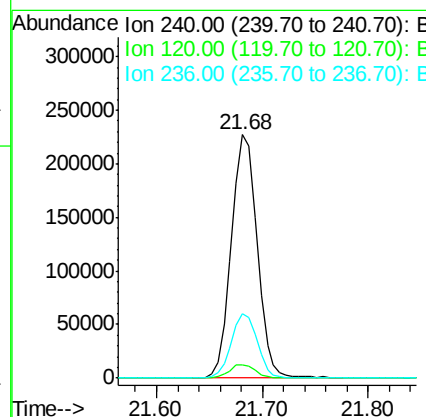
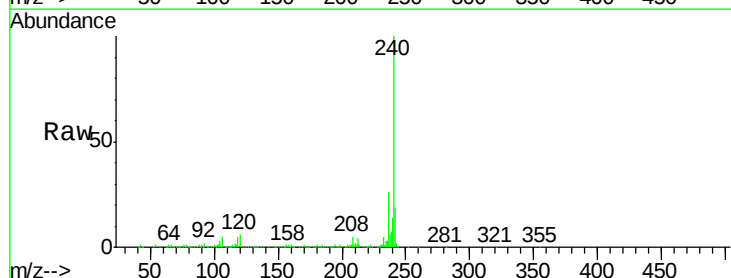
Instrument :
 BNA_G
 ClientSampleId :
 PAR-5

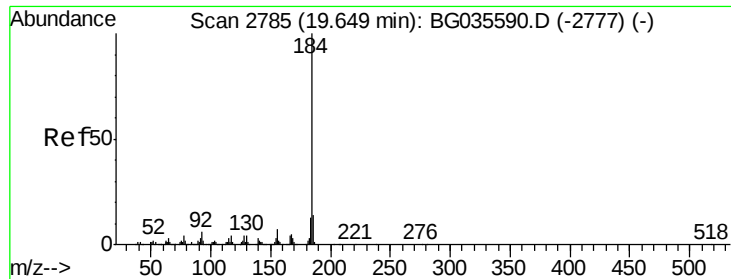
Tgt Ion:248 Resp: 22132
 Ion Ratio Lower Upper
 248 100
 250 202.3 77.1 115.7#
 141 494.5 50.8 76.2#



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.68 min Scan# 3131
 Delta R.T. -0.01 min
 Lab File: BG035649.D
 Acq: 14 Jul 2018 3:51

Tgt Ion:240 Resp: 383677
 Ion Ratio Lower Upper
 240 100
 120 5.6 6.8 10.2#
 236 26.5 20.9 31.3

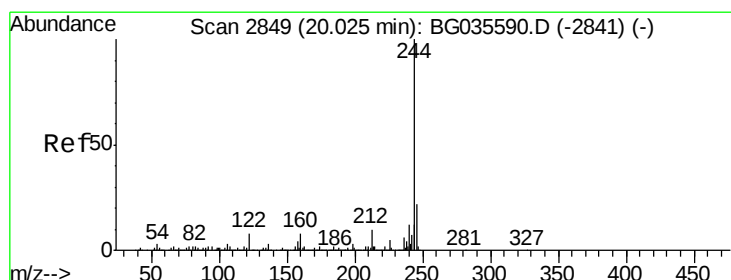
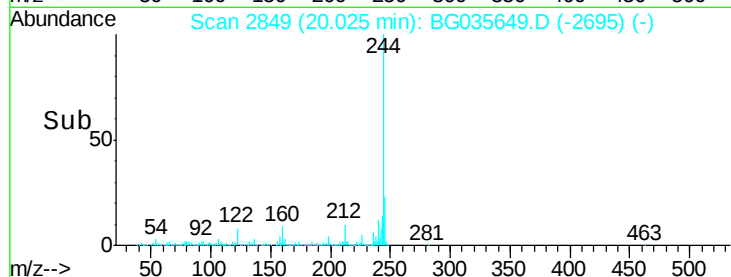
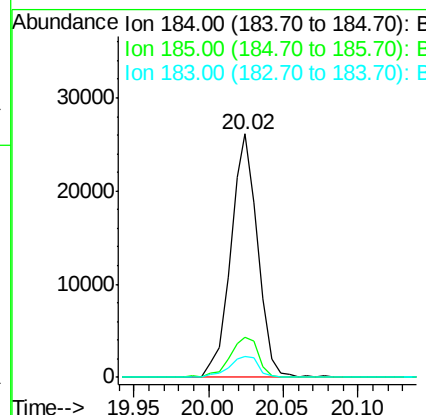
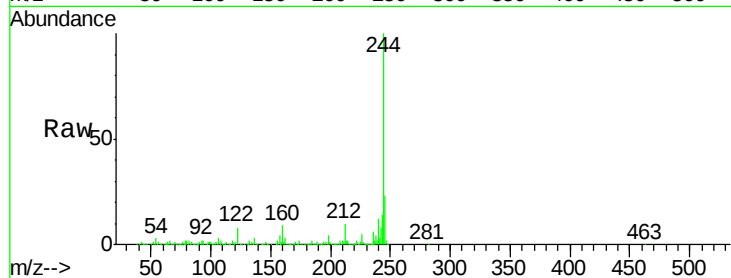




#76
Benzidine
Concen: 3.265 ng
RT: 20.02 min Scan# 2849
Delta R.T. 0.38 min
Lab File: BG035649.D
Acq: 14 Jul 2018 3:51

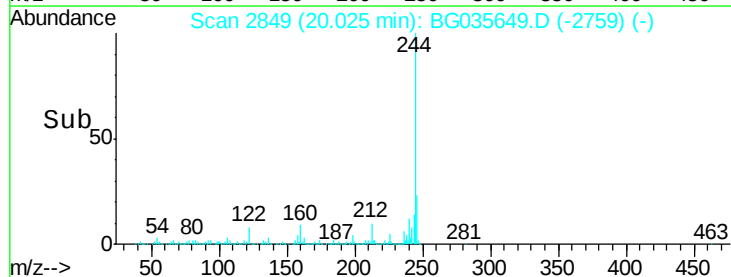
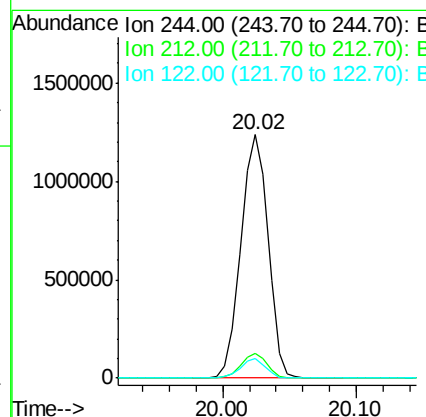
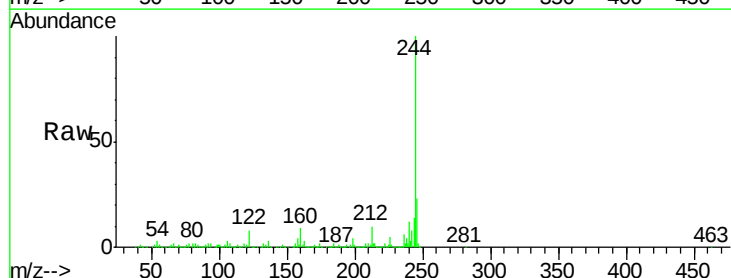
Instrument :
BNA_G
ClientSampleId :
PAR-5

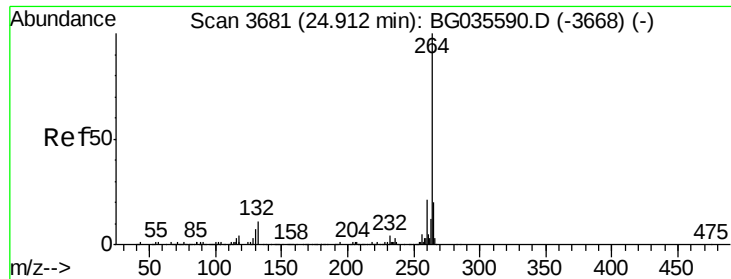
Tgt Ion:184 Resp: 32934
Ion Ratio Lower Upper
184 100
185 16.3 11.1 16.7
183 8.7 10.6 16.0#



#78
Terphenyl-d14
Concen: 100.160 ng
RT: 20.02 min Scan# 2849
Delta R.T. 0.00 min
Lab File: BG035649.D
Acq: 14 Jul 2018 3:51

Tgt Ion:244 Resp: 1743374
Ion Ratio Lower Upper
244 100
212 10.1 5.8 8.8#
122 7.9 7.0 10.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.90 min Scan# 3679
Delta R.T. -0.01 min
Lab File: BG035649.D
Acq: 14 Jul 2018 3:51

Instrument :
BNA_G
ClientSampleId :
PAR-5

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.7	17.4	26.0
265	25.5	17.7	26.5

