

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102518\
 Data File : BG037563.D
 Acq On : 26 Oct 2018 3:28
 Operator : JU/SJ
 Sample : J5633-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-2

Quant Time: Oct 26 08:08:43 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 18 14:06:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	60552	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	266598	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	177815	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	393450	20.00	ng	0.00
76) Chrysene-d12	21.77	240	358228	20.00	ng	0.00
87) Perylene-d12	25.10	264	366887	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.64	112	204325	56.41	ng	0.00
7) Phenol-d6	7.24	99	186719	34.09	ng	0.00
23) Nitrobenzene-d5	9.28	82	419969	88.25	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	248100	127.93	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	983008	83.36	ng	0.00
79) Terphenyl-d14	20.08	244	1304789	77.83	ng	0.00

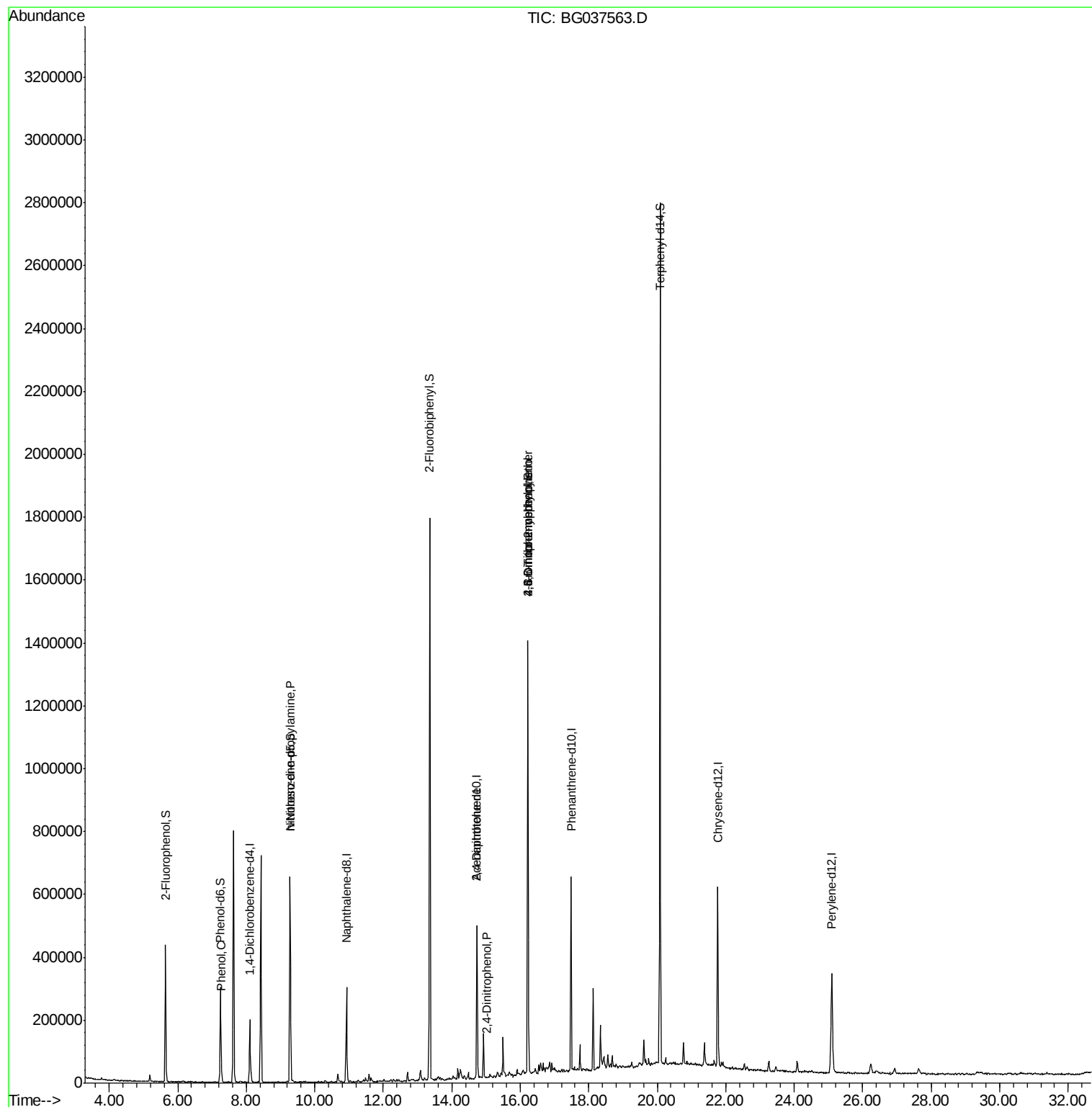
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	7.27	94	42788	7.405	ng	92
19) n-Nitroso-di-n-propylamine	9.28	70	52532	13.929	ng	# 75
54) 2,4-Dinitrophenol	15.02	184	54	6.182	ng	# 10
57) 2,4-Dinitrotoluene	14.73	165	22932	5.741	ng	# 26
65) 4,6-Dinitro-2-methylphenol	16.22	198	968	8.893	ng	93
67) 4-Bromophenyl-phenylether	16.23	248	18876	4.369	ng	# 1

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

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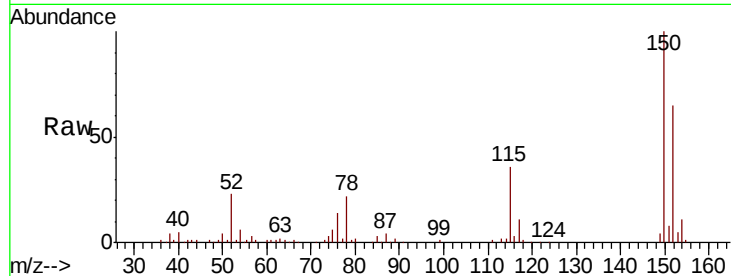


#1

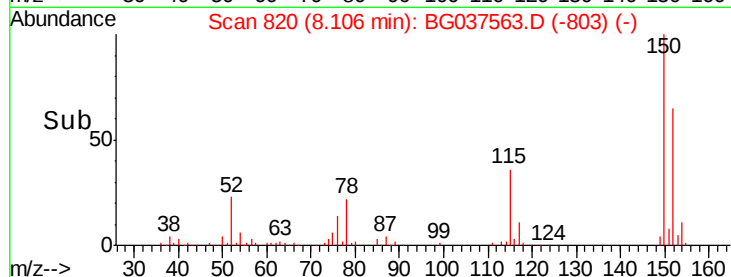
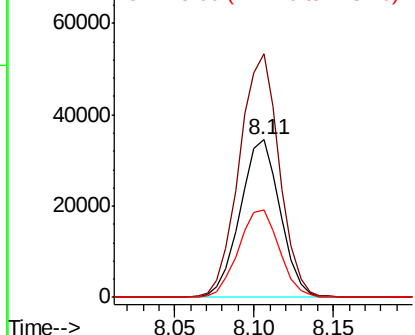
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 820
Delta R.T. -0.00 min
Lab File: BG037563.D
Acq: 26 Oct 2018 3:28

Instrument :
BNA_G
ClientSampleId :
MW-2

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.4	126.0	189.0
115	55.3	45.5	68.3



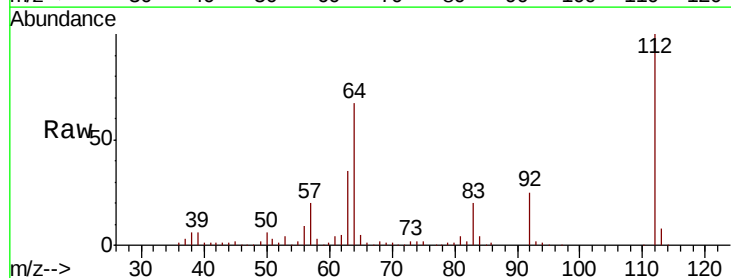
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



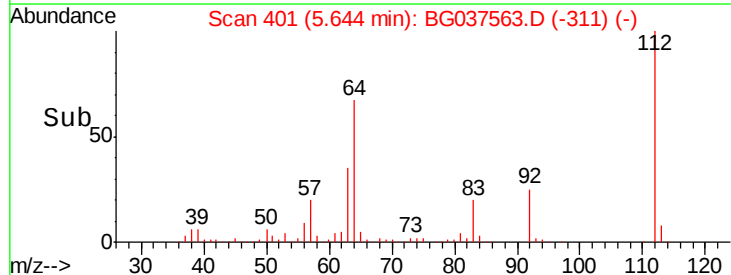
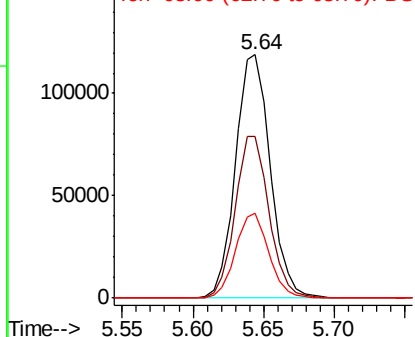
#5

2-Fluorophenol
Concen: 56.415 ng
RT: 5.64 min Scan# 401
Delta R.T. -0.00 min
Lab File: BG037563.D
Acq: 26 Oct 2018 3:28

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.5	53.1	79.7
63	34.9	27.3	40.9



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: 34.093 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037563.D

Acq: 26 Oct 2018 3:28

Instrument :

BNA_G

ClientSampled :

MW-2

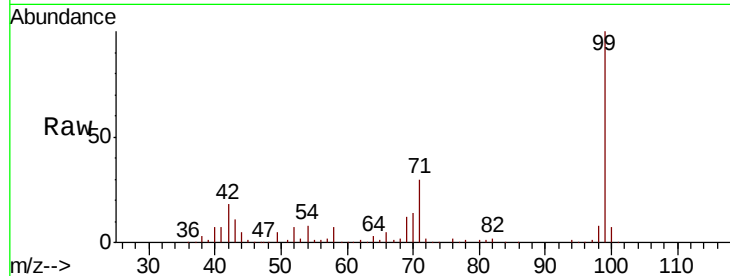
Tot Ion: 99 Resp: 186719

Ion Ratio Lower Upper

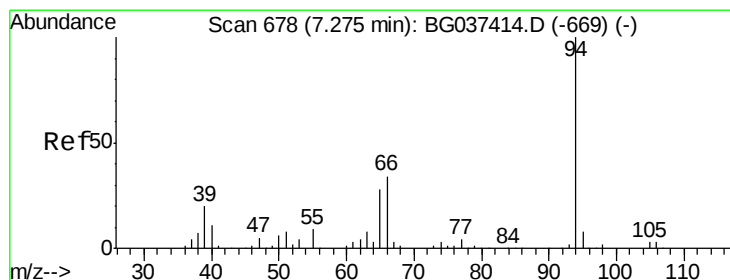
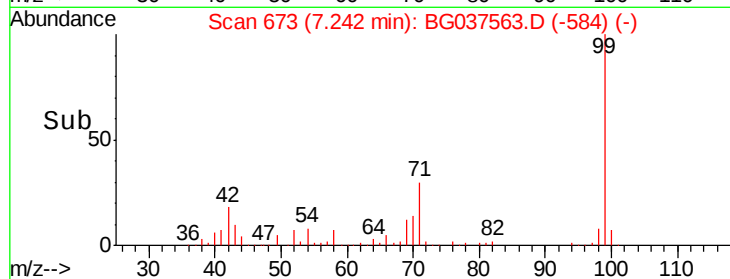
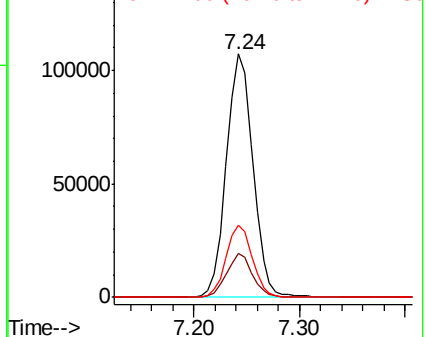
99 100

42 18.0 15.0 22.4

71 29.6 25.5 38.3



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



#10

Phenol

Concen: 7.405 ng

RT: 7.27 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG037563.D

Acq: 26 Oct 2018 3:28

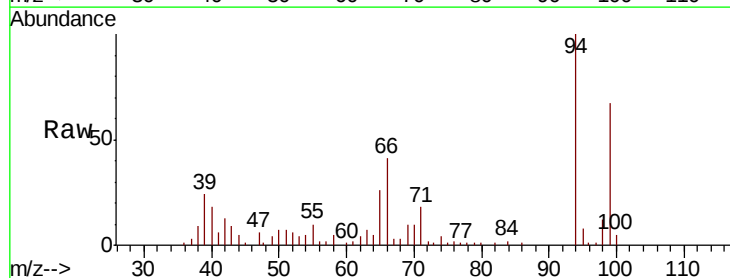
Tgt Ion: 94 Resp: 42788

Ion Ratio Lower Upper

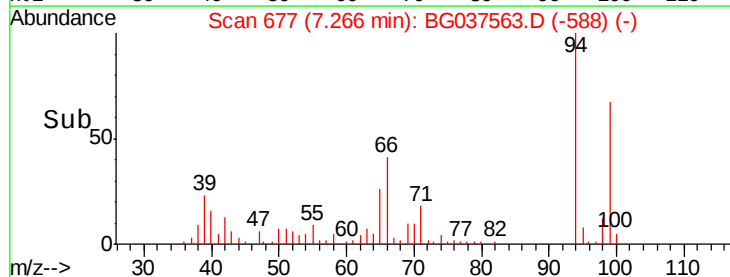
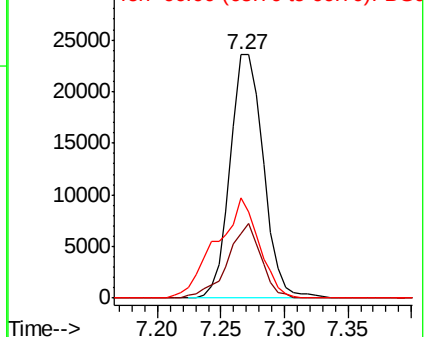
94 100

65 26.3 9.7 49.7

66 41.3 15.9 55.9



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

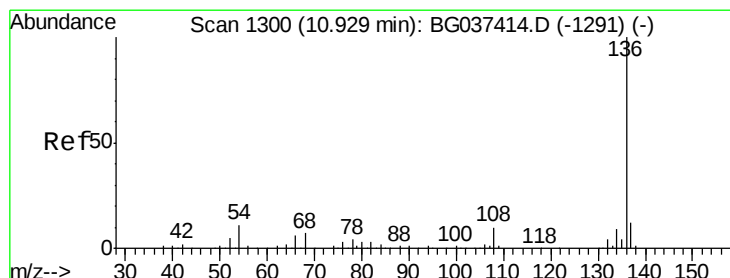
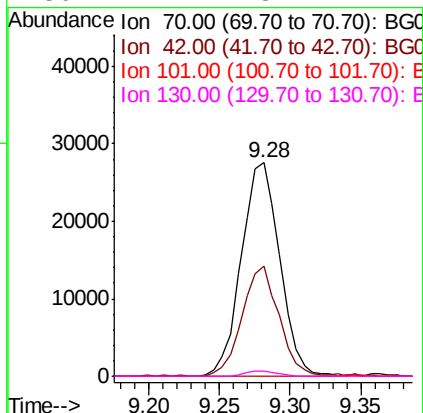
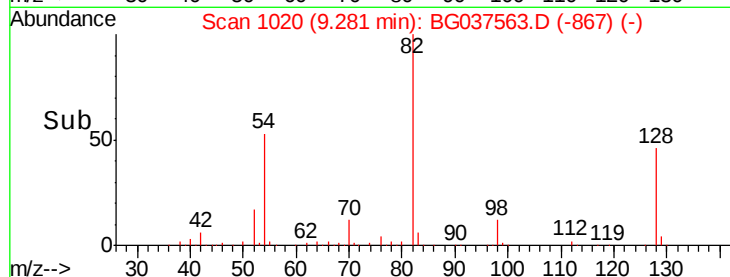
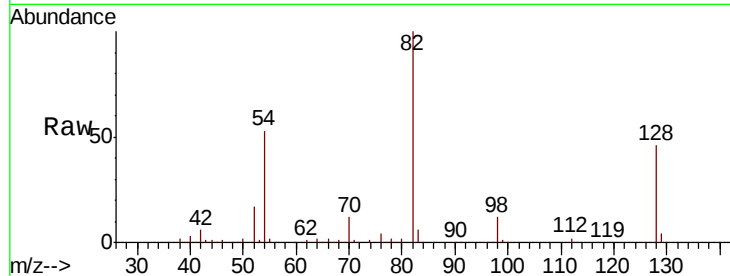




#19
n-Nitroso-di-n-propylamine
Concen: 13.929 ng
RT: 9.28 min Scan# 1020
Delta R.T. 0.37 min
Lab File: BG037563.D
Acq: 26 Oct 2018 3:28

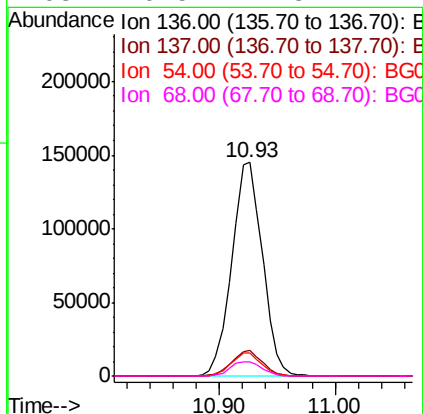
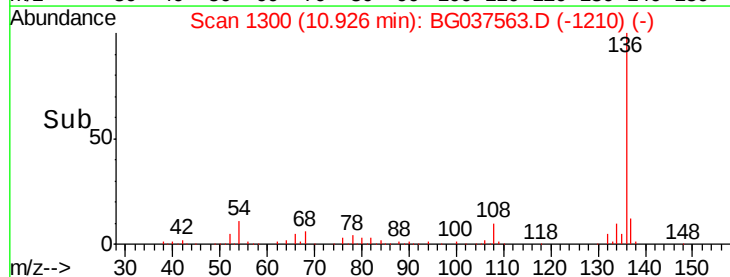
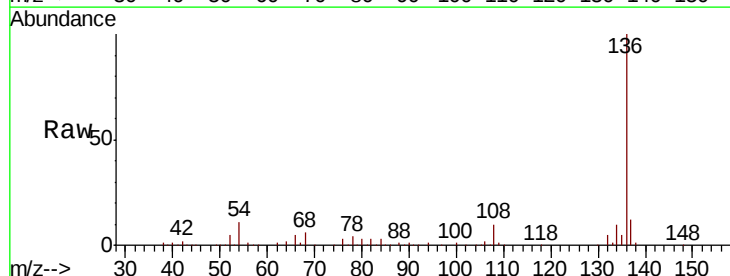
Instrument :
BNA_G
ClientSampleId :
MW-2

Tot Ion: 70 Resp: 52532
Ion Ratio Lower Upper
70 100
42 51.8 53.9 80.9#
101 0.0 8.2 12.2#
130 2.4 18.2 27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BG037563.D
Acq: 26 Oct 2018 3:28

Tgt Ion: 136 Resp: 266598
Ion Ratio Lower Upper
136 100
137 11.7 9.6 14.4
54 11.1 7.9 11.9
68 6.5 4.8 7.2

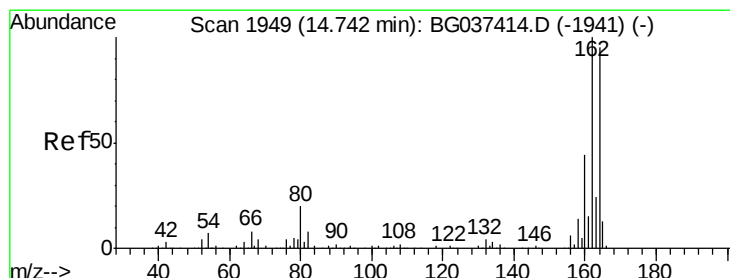
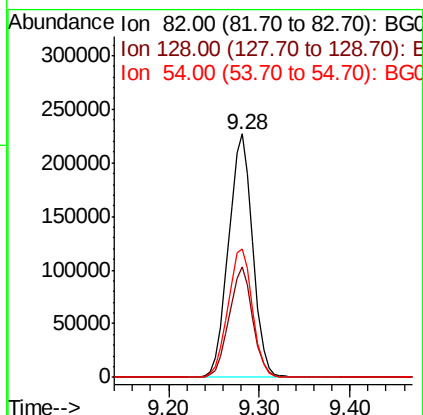
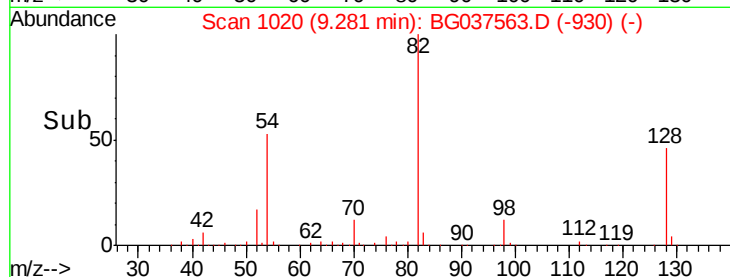
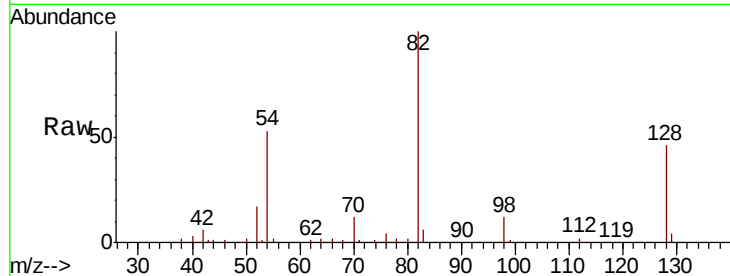




#23
Nitrobenzene-d5
Concen: 88.246 ng
RT: 9.28 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BG037563.D
Acq: 26 Oct 2018 3:28

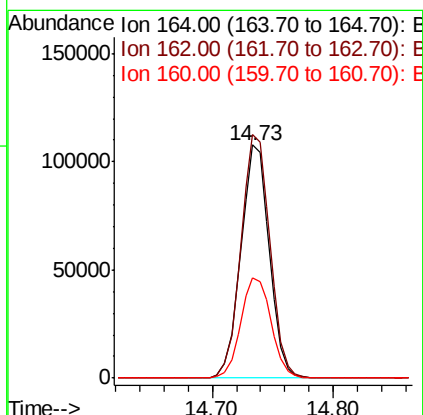
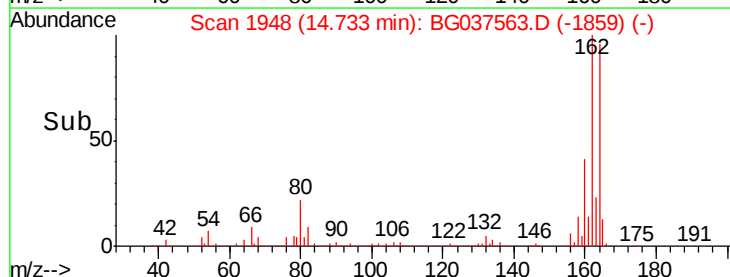
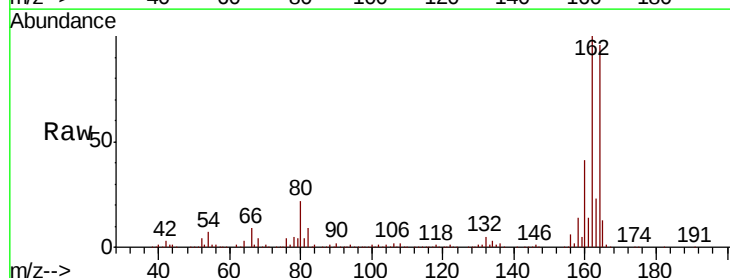
Instrument :
BNA_G
ClientSampleId :
MW-2

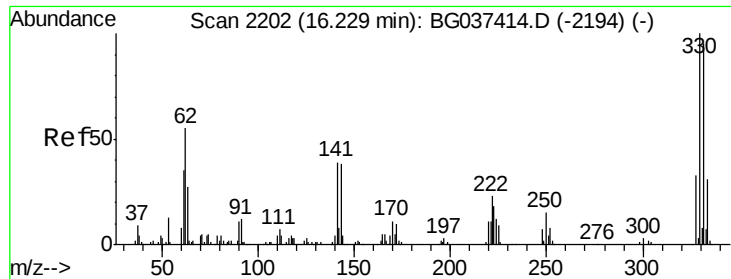
Tot Ion: 82 Resp: 419969
Ion Ratio Lower Upper
82 100
128 45.5 34.6 51.8
54 52.5 45.3 67.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BG037563.D
Acq: 26 Oct 2018 3:28

Tgt Ion:164 Resp: 177815
Ion Ratio Lower Upper
164 100
162 104.6 81.3 121.9
160 43.3 36.3 54.5

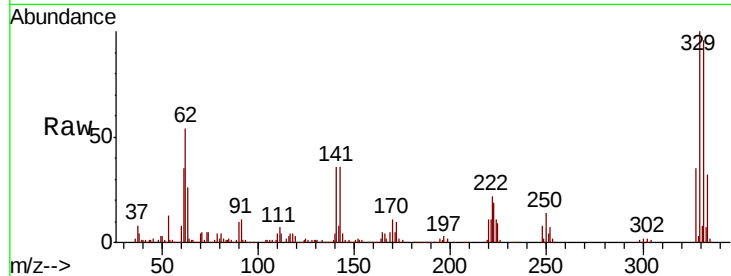




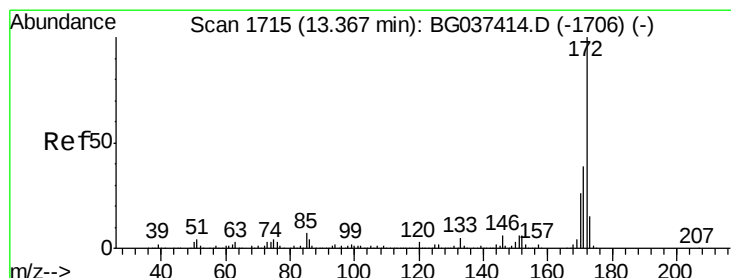
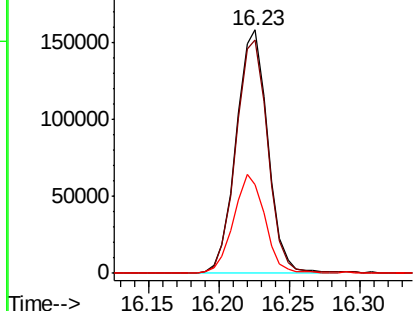
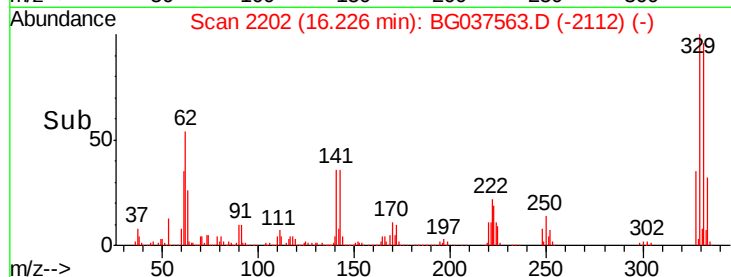
#42
 2,4,6-Tribromophenol
 Concen: 127.926 ng
 RT: 16.23 min Scan# 2202
 Delta R.T. -0.00 min
 Lab File: BG037563.D
 Acq: 26 Oct 2018 3:28

Instrument :
 BNA_G
 ClientSampleId :
 MW-2

Tot Ion:330 Resp: 248100
 Ion Ratio Lower Upper
 330 100
 332 96.7 78.4 117.6
 141 40.3 32.2 48.2

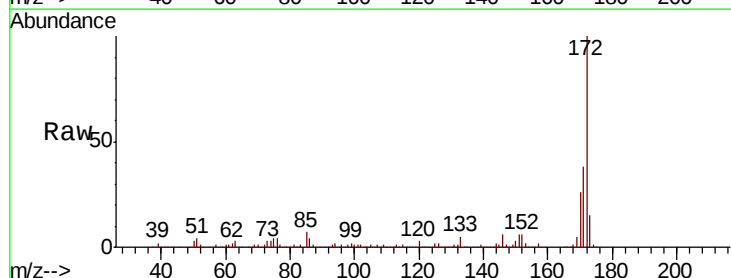


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

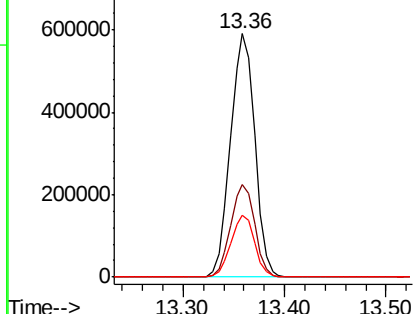
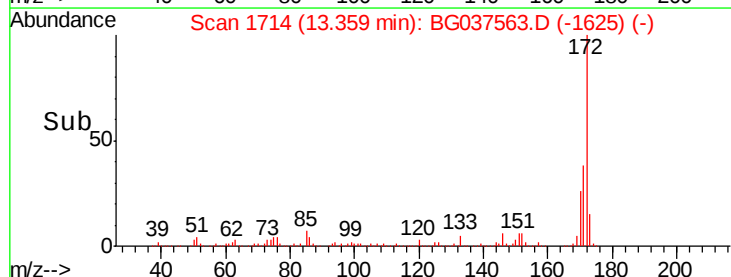


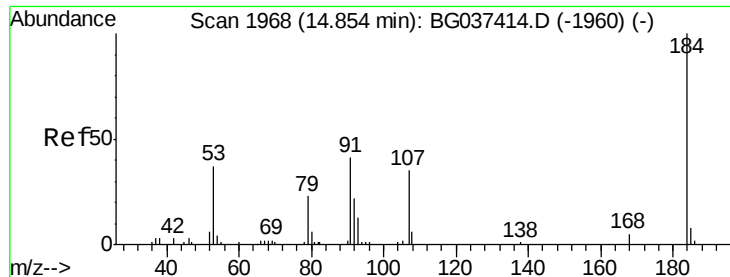
#45
 2-Fluorobiphenyl
 Concen: 83.363 ng
 RT: 13.36 min Scan# 1714
 Delta R.T. -0.01 min
 Lab File: BG037563.D
 Acq: 26 Oct 2018 3:28

Tgt Ion:172 Resp: 983008
 Ion Ratio Lower Upper
 172 100
 171 38.1 31.0 46.4
 170 25.5 20.2 30.2



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

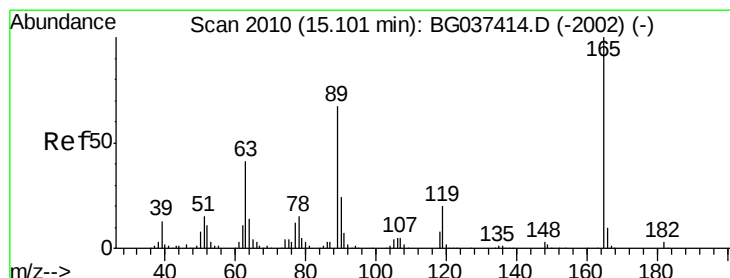
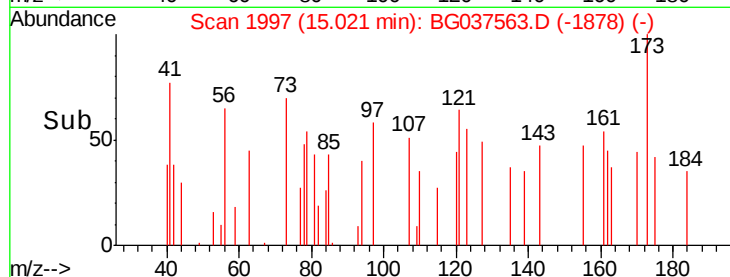
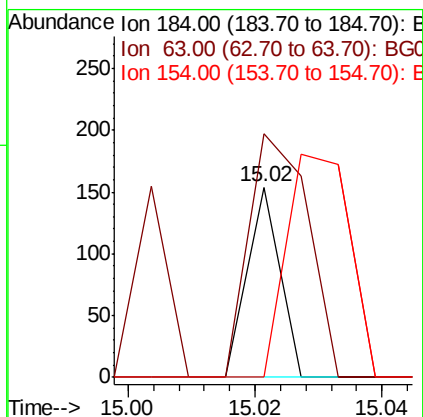
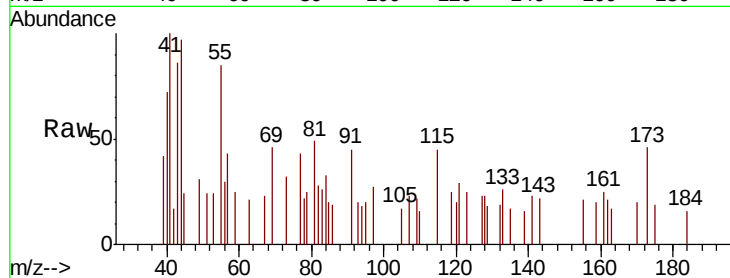




#54
 2,4-Dinitrophenol
 Concen: 6.182 ng
 RT: 15.02 min Scan# 1997
 Delta R.T. 0.17 min
 Lab File: BG037563.D
 Acq: 26 Oct 2018 3:28

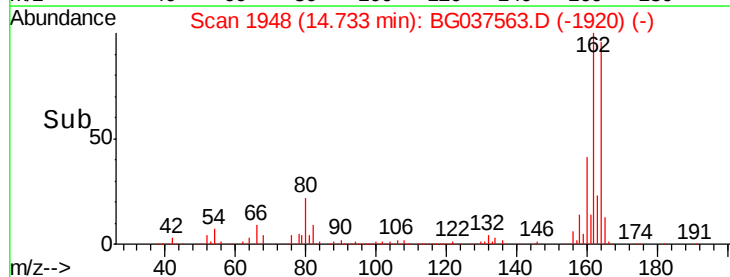
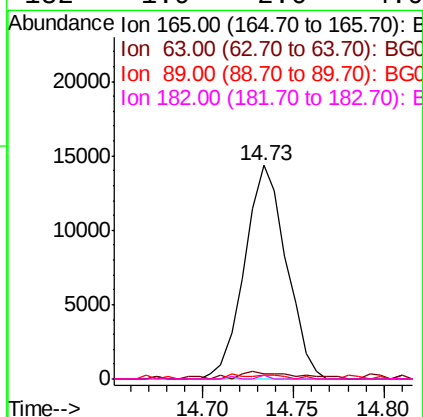
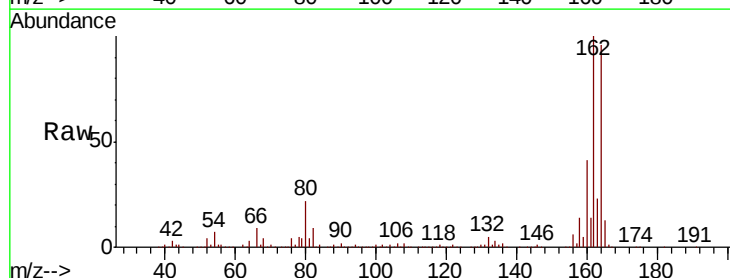
Instrument :
 BNA_G
 ClientSampleId :
 MW-2

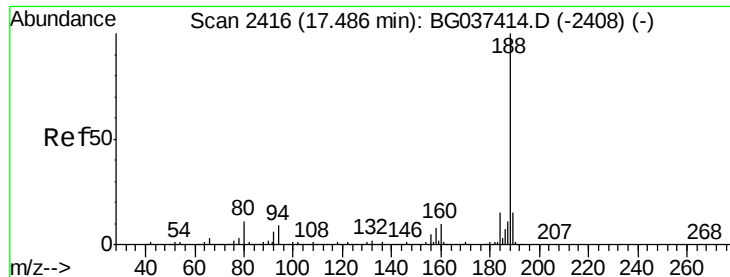
Tot Ion:184 Resp: 54
 Ion Ratio Lower Upper
 184 100
 63 127.9 42.6 63.8#
 154 0.0 41.8 62.6#



#57
 2,4-Dinitrotoluene
 Concen: 5.741 ng
 RT: 14.73 min Scan# 1948
 Delta R.T. -0.37 min
 Lab File: BG037563.D
 Acq: 26 Oct 2018 3:28

Tgt Ion:165 Resp: 22932
 Ion Ratio Lower Upper
 165 100
 63 2.4 33.4 50.0#
 89 1.7 57.2 85.8#
 182 1.9 2.6 4.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.48 min Scan# 2416

Delta R.T. -0.00 min

Lab File: BG037563.D

Acq: 26 Oct 2018 3:28

Instrument :

BNA_G

ClientSampleId :

MW-2

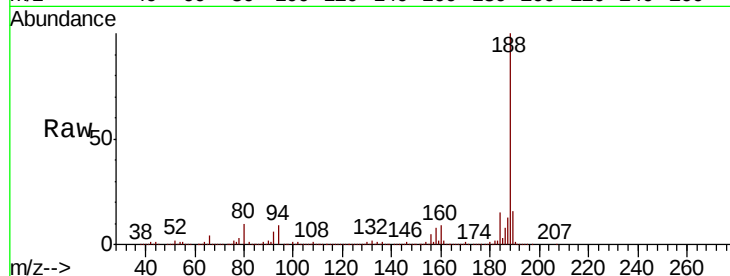
Tot Ion:188 Resp: 393450

Ion Ratio Lower Upper

188 100

94 9.0 7.2 10.8

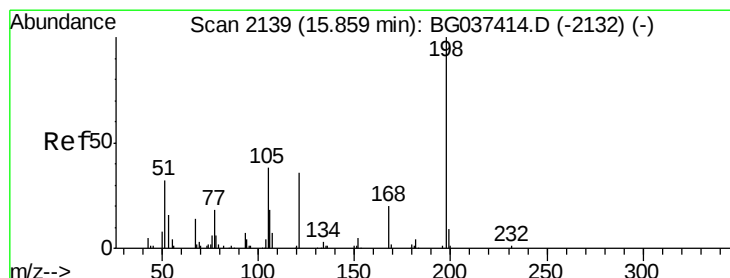
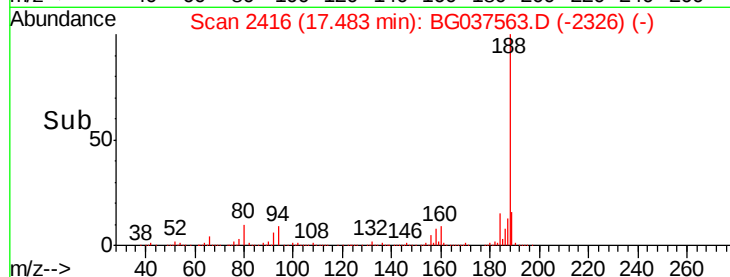
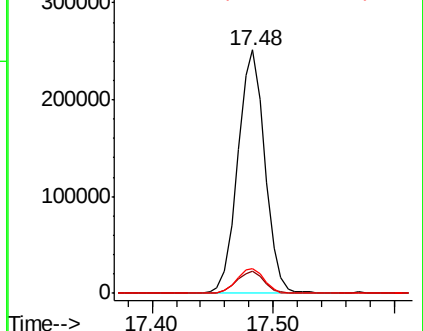
80 10.3 7.7 11.5



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



#65

4,6-Dinitro-2-methylphenol

Concen: 8.893 ng

RT: 16.22 min Scan# 2201

Delta R.T. 0.36 min

Lab File: BG037563.D

Acq: 26 Oct 2018 3:28

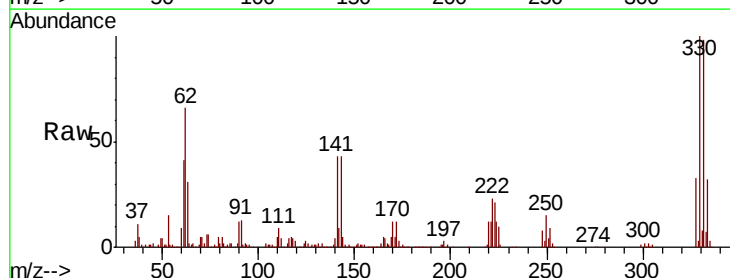
Tgt Ion:198 Resp: 968

Ion Ratio Lower Upper

198 100

51 38.7 22.7 62.7

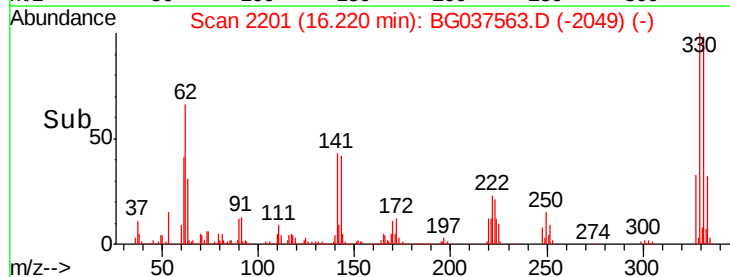
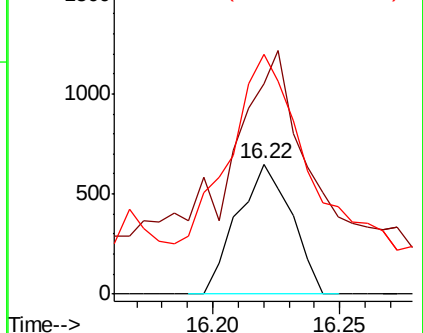
105 44.2 19.7 59.7

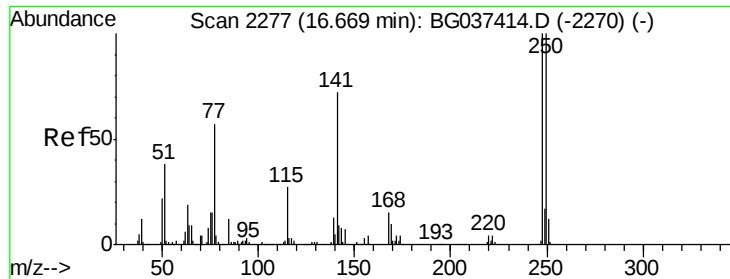


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E





#67

4-Bromophenyl-phenylether

Concen: 4.369 ng

RT: 16.23 min Scan# 2202

Delta R.T. -0.44 min

Lab File: BG037563.D

Acq: 26 Oct 2018 3:28

Instrument :

BNA_G

ClientSampleId :

MW-2

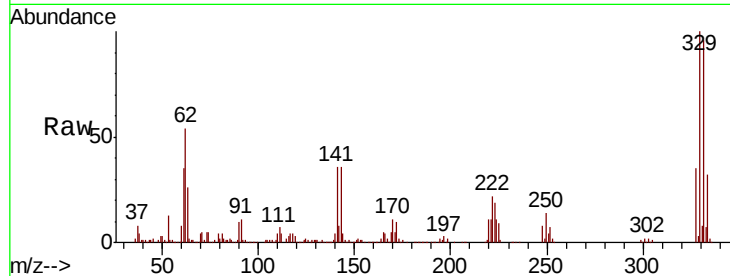
Tot Ion:248 Resp: 18876

Ion Ratio Lower Upper

248 100

250 188.0 77.0 115.6#

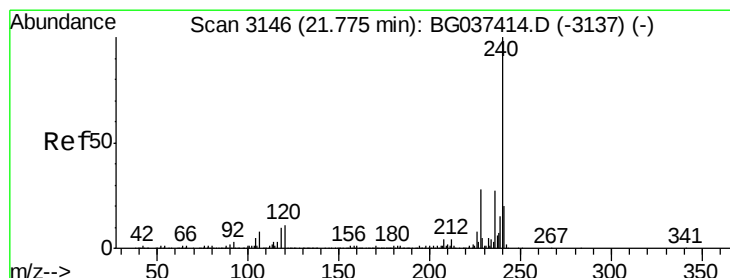
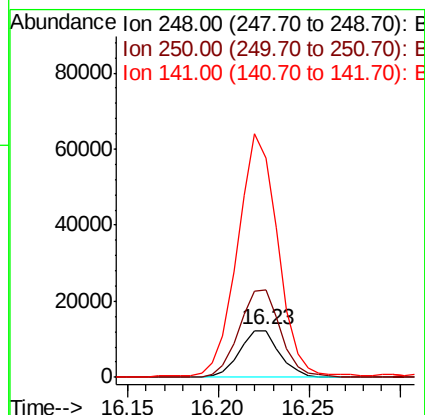
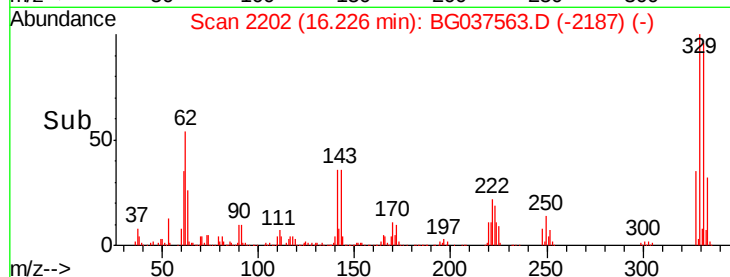
141 371.5 55.5 83.3#



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.77 min Scan# 3145

Delta R.T. -0.01 min

Lab File: BG037563.D

Acq: 26 Oct 2018 3:28

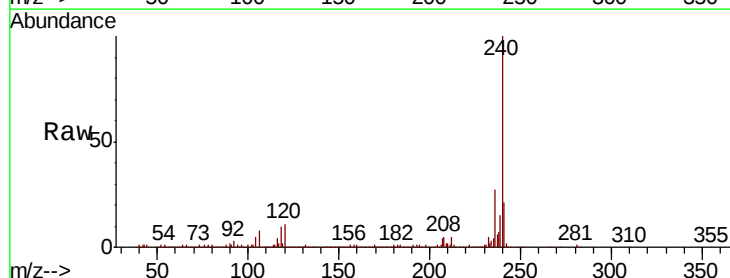
Tgt Ion:240 Resp: 358228

Ion Ratio Lower Upper

240 100

120 11.0 8.1 12.1

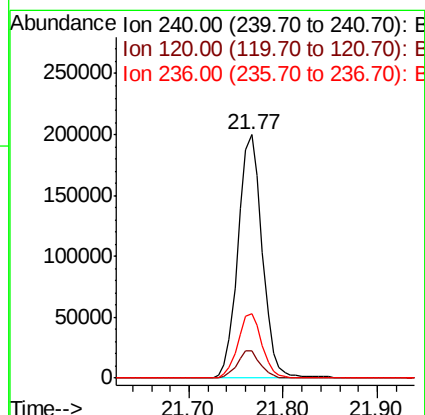
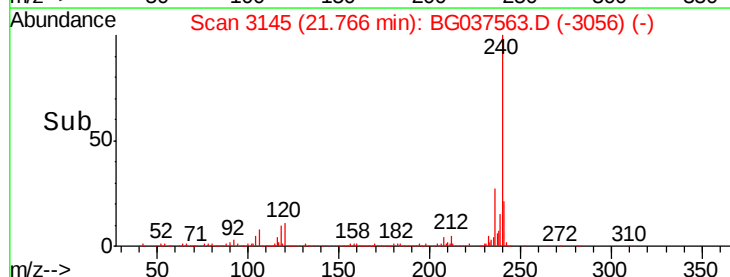
236 26.7 21.4 32.0

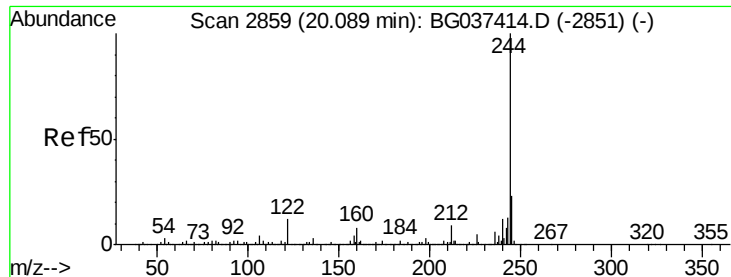


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 77.828 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037563.D

Acq: 26 Oct 2018 3:28

Instrument :

BNA_G

ClientSampleId :

MW-2

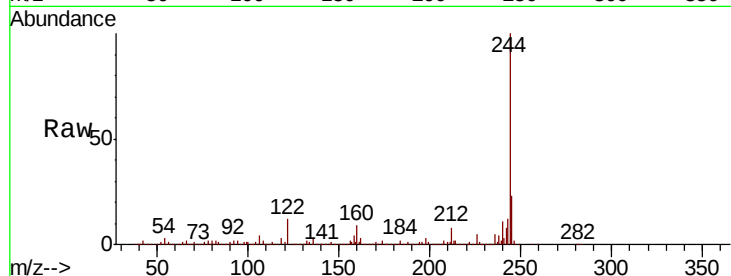
Tot Ion:244 Resp: 1304789

Ion	Ratio	Lower	Upper
244	100		
212	8.4	6.5	9.7
122	11.7	9.0	13.4

244 100

212 8.4 6.5 9.7

122 11.7 9.0 13.4

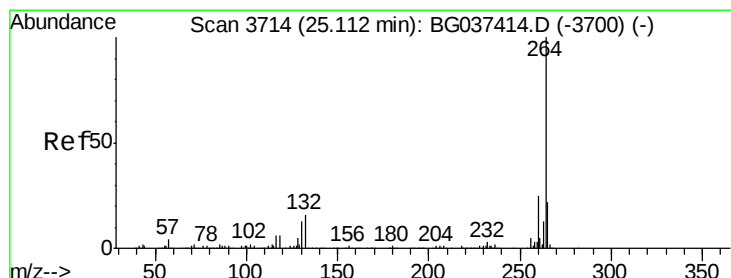
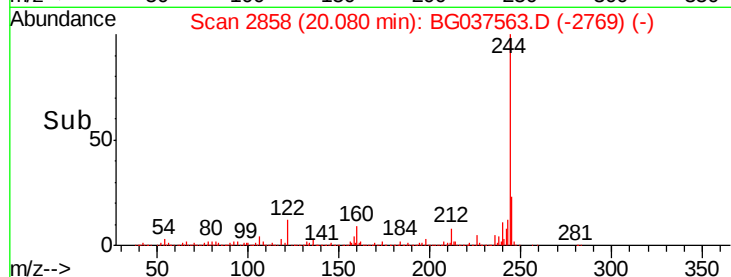
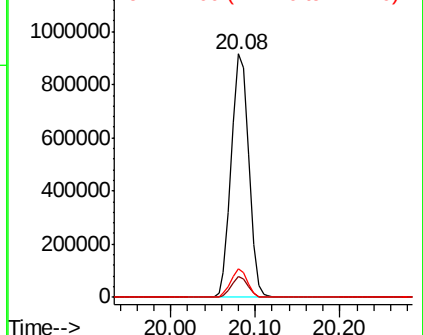


Abundance

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



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.10 min Scan# 3712

Delta R.T. -0.01 min

Lab File: BG037563.D

Acq: 26 Oct 2018 3:28

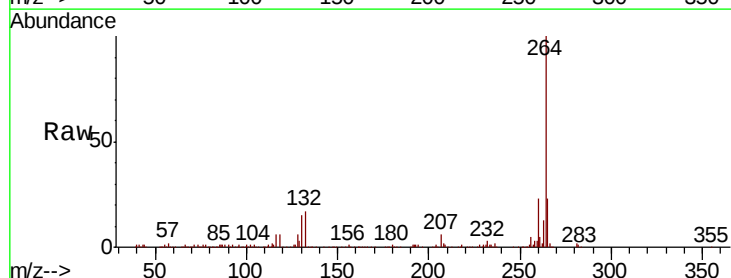
Tgt Ion:264 Resp: 366887

Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.2	27.4
265	22.8	17.9	26.9

264 100

260 22.8 18.2 27.4

265 22.8 17.9 26.9



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

