

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101118\
 Data File : BG037285.D
 Acq On : 12 Oct 2018 10:22
 Operator : JU/SJ
 Sample : J5371-06
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 12 11:13:15 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 11 13:59:58 2018
 Response via : Initial Calibration

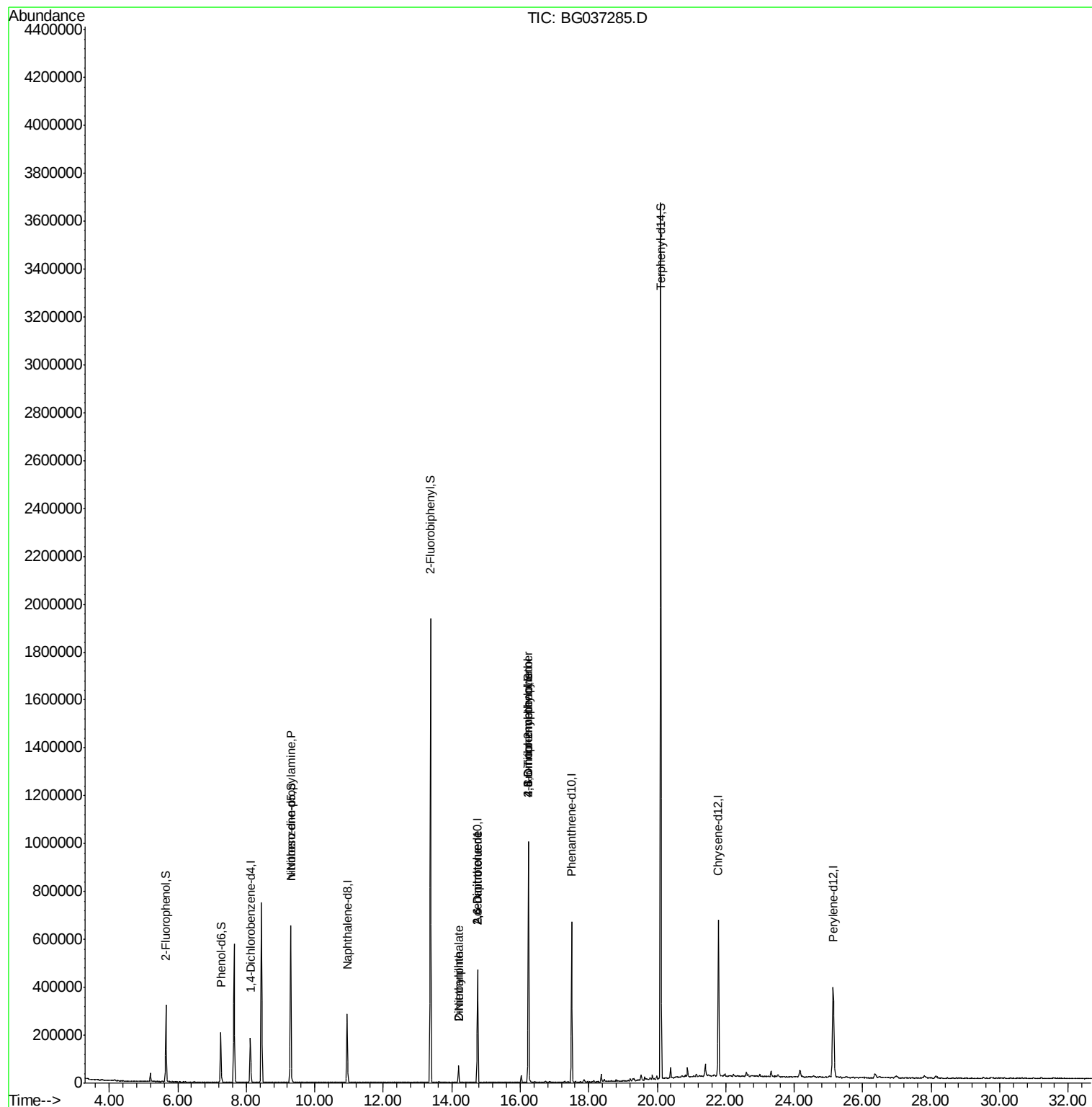
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	56069	20.00	ng	0.00
21) Naphthalene-d8	10.94	136	249952	20.00	ng	0.00
39) Acenaphthene-d10	14.75	164	168659	20.00	ng	0.00
64) Phenanthrene-d10	17.50	188	428332	20.00	ng	0.00
76) Chrysene-d12	21.78	240	402786	20.00	ng	-0.01
87) Perylene-d12	25.14	264	413147	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	147330	46.24	ng	0.00
7) Phenol-d6	7.25	99	135859	28.10	ng	0.00
23) Nitrobenzene-d5	9.30	82	402792	105.95	ng	0.00
42) 2,4,6-Tribromophenol	16.24	330	175870	106.33	ng	0.00
45) 2-Fluorobiphenyl	13.38	172	1033332	92.01	ng	0.00
79) Terphenyl-d14	20.10	244	1676412	87.39	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.30	70	50664	13.838	ng	# 71
48) 2-Nitroaniline	14.20	65	387	5.875	ng	# 1
50) Dimethylphthalate	14.20	163	48100	3.629	ng	# 94
51) 2,6-Dinitrotoluene	14.76	165	21415	12.295	ng	# 25
57) 2,4-Dinitrotoluene	14.76	165	21415	11.174	ng	# 25
65) 4,6-Dinitro-2-methylphenol	16.23	198	566	6.315	ng	# 76
67) 4-Bromophenyl-phenylether	16.24	248	13027	2.818	ng	# 1

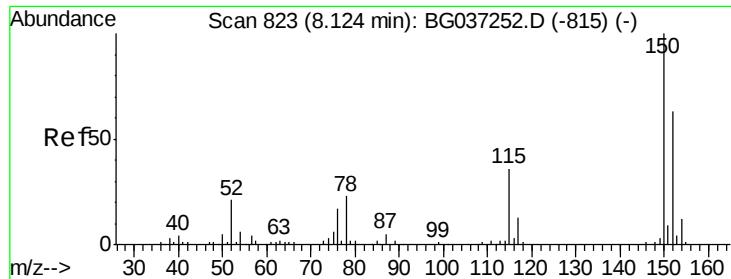
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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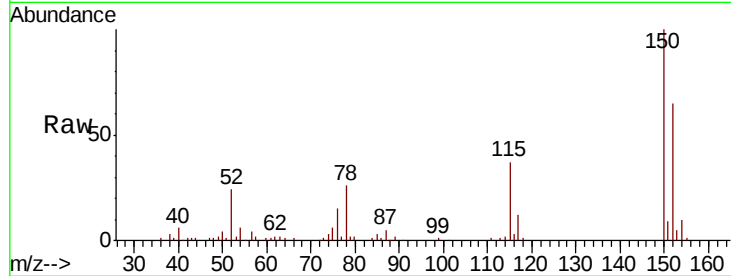


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 822
Delta R.T. -0.01 min
Lab File: BG037285.D
Acq: 12 Oct 2018 10:22

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.7	126.0	189.0
115	56.6	45.5	68.3

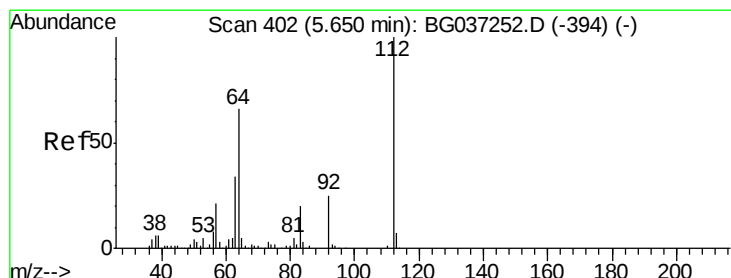
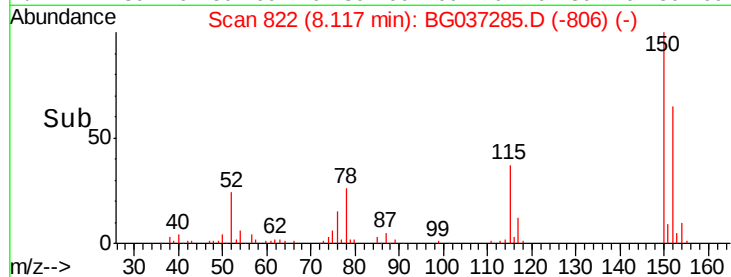
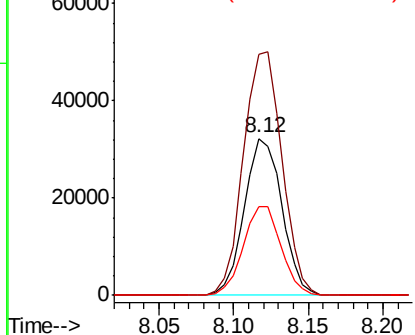


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

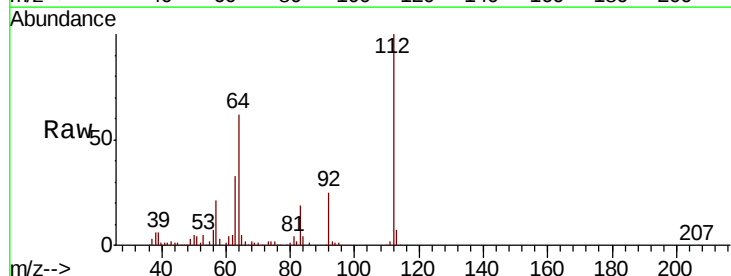
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 46.244 ng
RT: 5.66 min Scan# 403
Delta R.T. 0.01 min
Lab File: BG037285.D
Acq: 12 Oct 2018 10:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.4	53.1	79.7
63	32.8	27.3	40.9

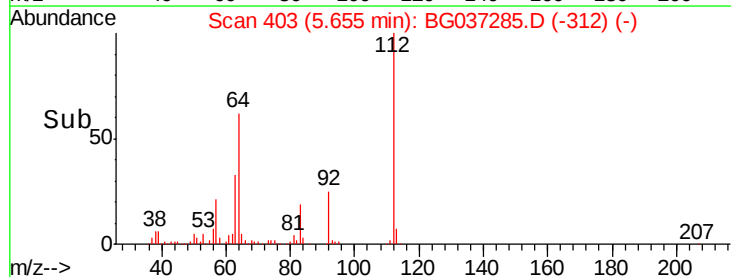
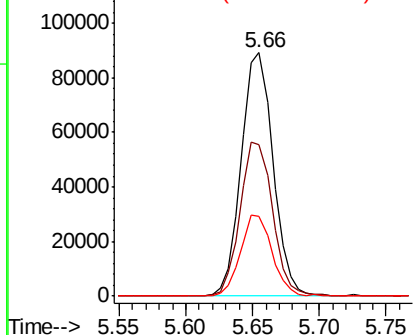


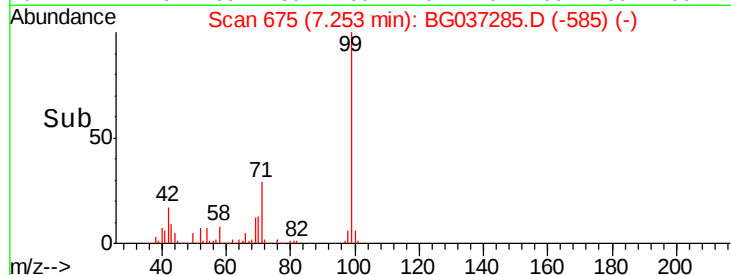
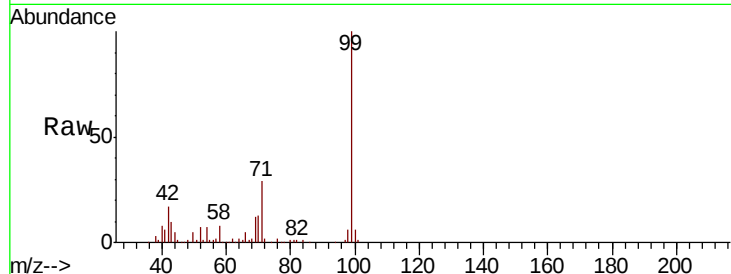
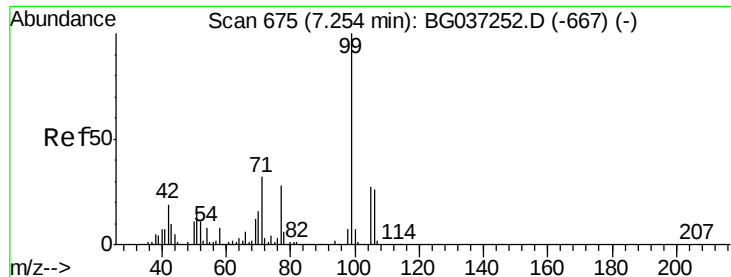
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG

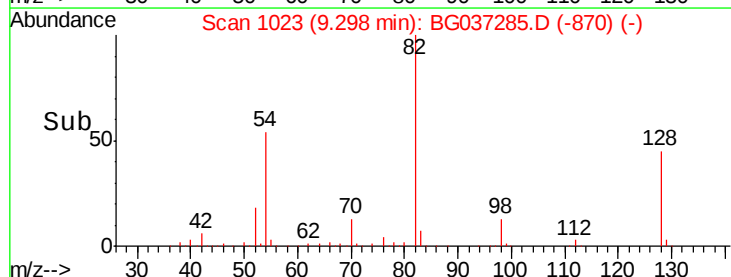
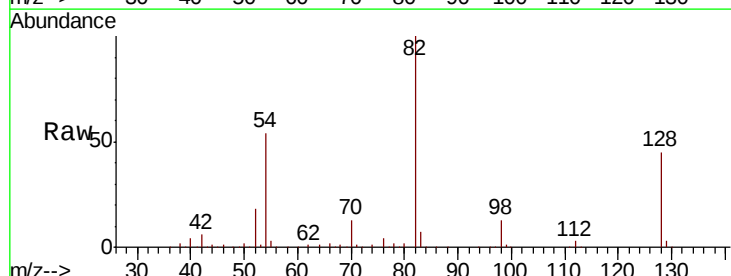
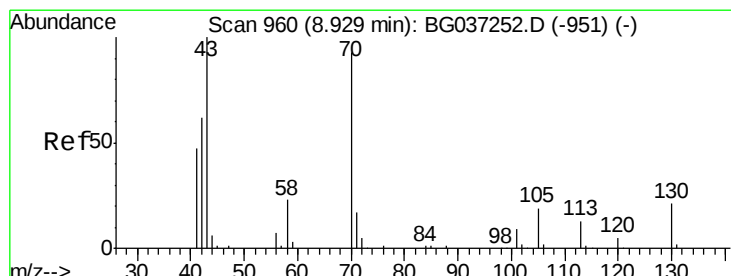
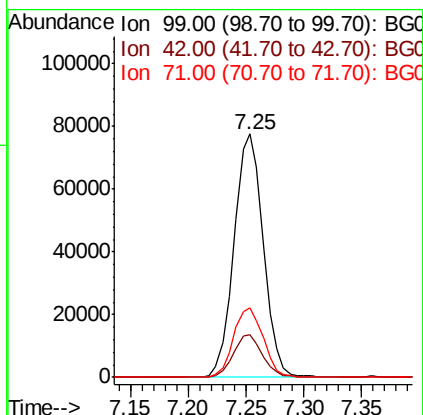




#7
Phenol-d6
Concen: 28.095 ng
RT: 7.25 min Scan# 675
Delta R.T. -0.00 min
Lab File: BG037285.D
Acq: 12 Oct 2018 10:22

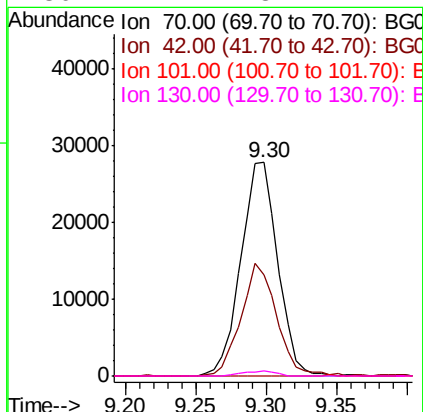
Instrument :
BNA_G
ClientSampled :

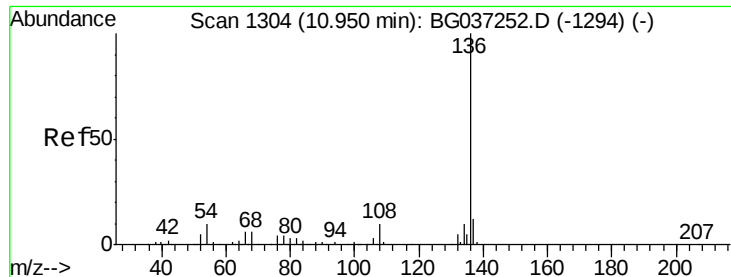
Tot Ion	Ratio	Lower	Upper
99	100		
42	17.4	15.0	22.4
71	28.8	25.5	38.3



#19
n-Nitroso-di-n-propylamine
Concen: 13.838 ng
RT: 9.30 min Scan# 1023
Delta R.T. 0.37 min
Lab File: BG037285.D
Acq: 12 Oct 2018 10:22

Tgt Ion	Ratio	Lower	Upper
70	100		
42	47.5	53.9	80.9#
101	0.0	8.2	12.2#
130	2.2	18.2	27.4#

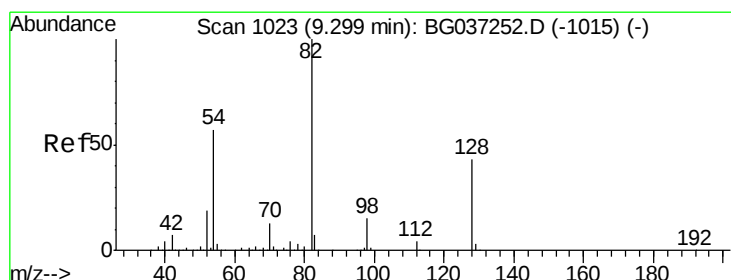
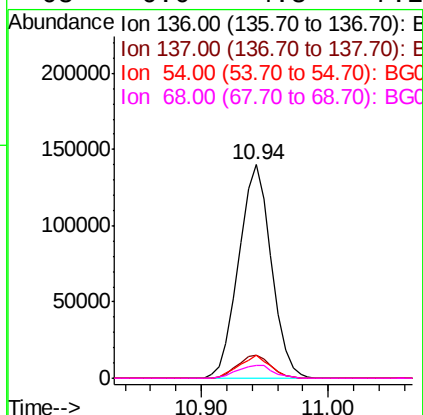
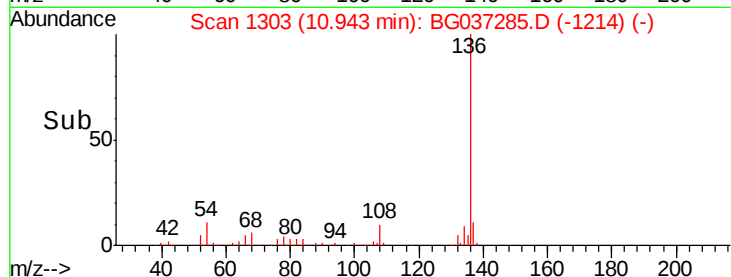
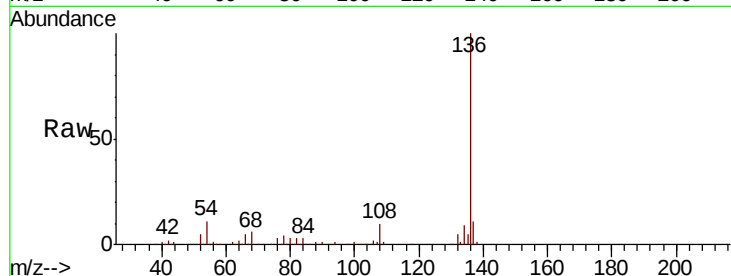




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.94 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BG037285.D
Acq: 12 Oct 2018 10:22

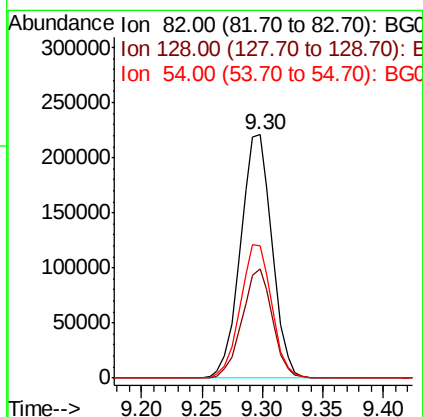
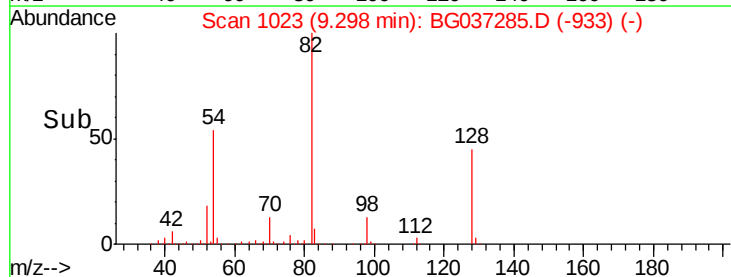
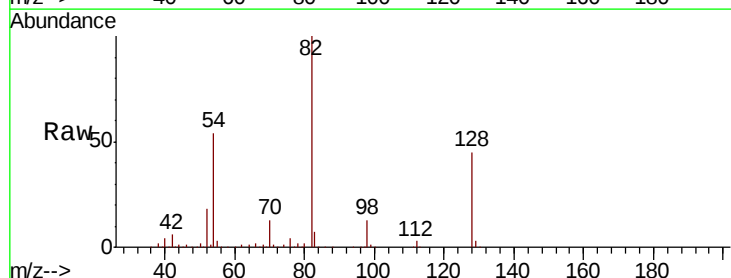
Instrument :
BNA_G
ClientSampleId :

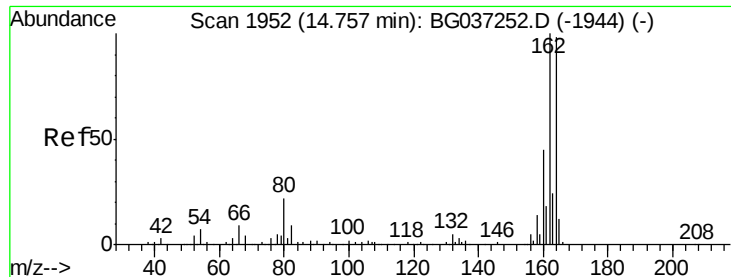
Tot Ion:136	Resp: 249952
Ion Ratio	Lower Upper
136 100	
137 10.6	9.6 14.4
54 10.8	7.9 11.9
68 6.0	4.8 7.2



#23
Nitrobenzene-d5
Concen: 105.946 ng
RT: 9.30 min Scan# 1023
Delta R.T. -0.00 min
Lab File: BG037285.D
Acq: 12 Oct 2018 10:22

Tgt Ion: 82	Resp: 402792
Ion Ratio	Lower Upper
82 100	
128 45.1	34.6 51.8
54 54.4	45.3 67.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.75 min Scan# 1951

Delta R.T. -0.01 min

Lab File: BG037285.D

Acq: 12 Oct 2018 10:22

Instrument :

BNA_G

ClientSampleId :

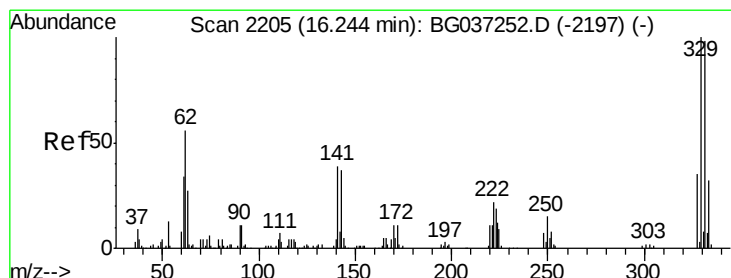
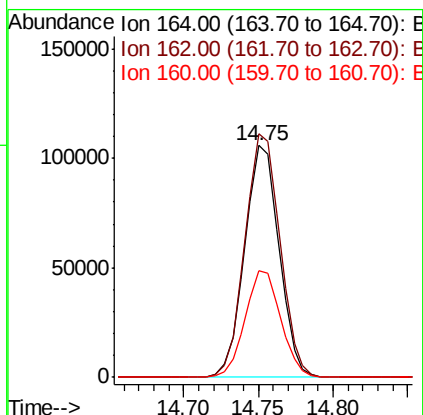
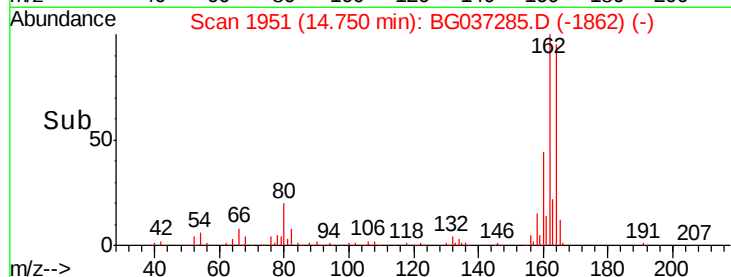
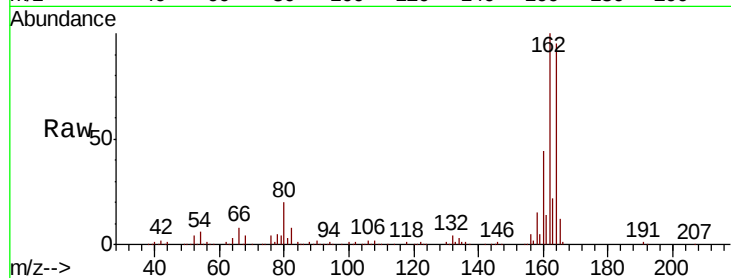
Tot Ion:164 Resp: 168659

Ion Ratio Lower Upper

164 100

162 105.0 81.3 121.9

160 45.8 36.3 54.5



#42

2,4,6-Tribromophenol

Concen: 106.325 ng

RT: 16.24 min Scan# 2204

Delta R.T. -0.01 min

Lab File: BG037285.D

Acq: 12 Oct 2018 10:22

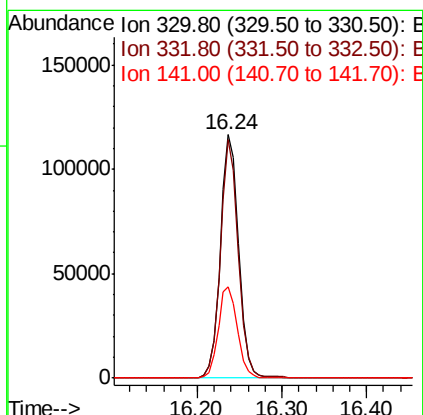
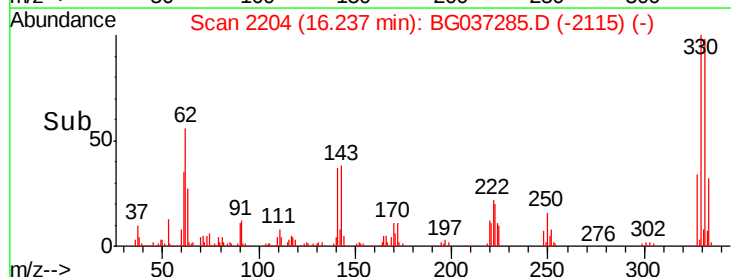
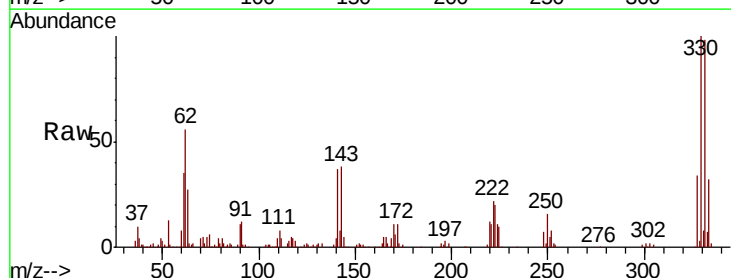
Tgt Ion:330 Resp: 175870

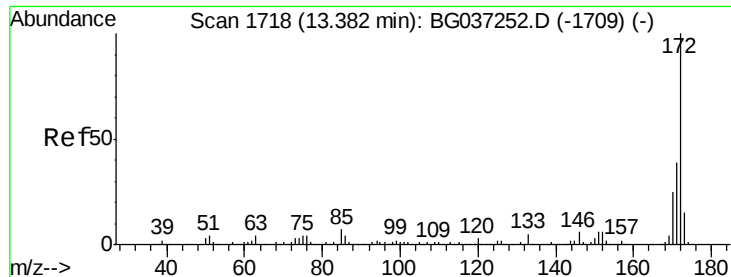
Ion Ratio Lower Upper

330 100

332 95.6 78.4 117.6

141 39.4 32.2 48.2

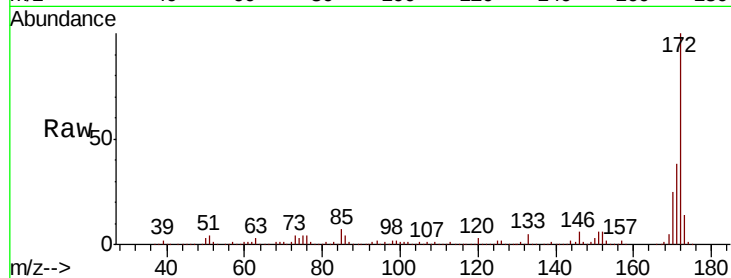




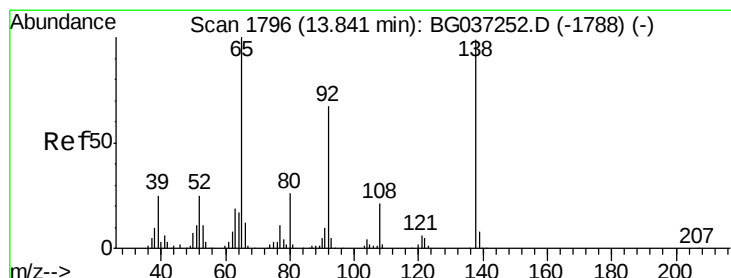
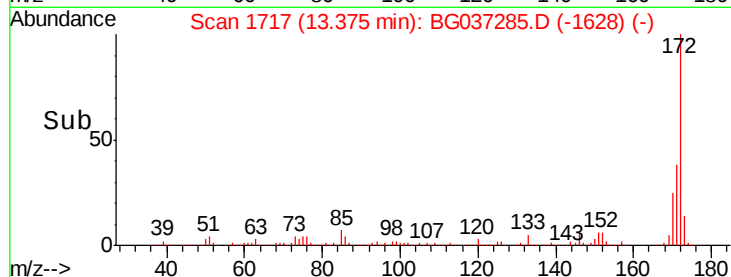
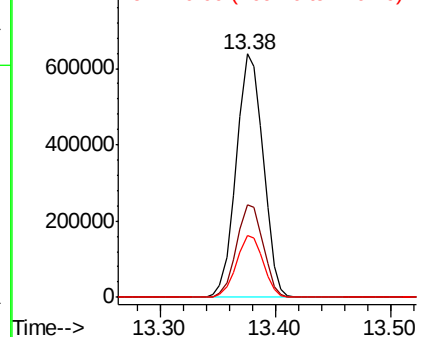
#45
 2-Fluorobiphenyl
 Concen: 92.009 ng
 RT: 13.38 min Scan# 1717
 Delta R.T. -0.01 min
 Lab File: BG037285.D
 Acq: 12 Oct 2018 10:22

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:172 Resp: 1033332
 Ion Ratio Lower Upper
 172 100
 171 37.8 31.0 46.4
 170 25.3 20.2 30.2

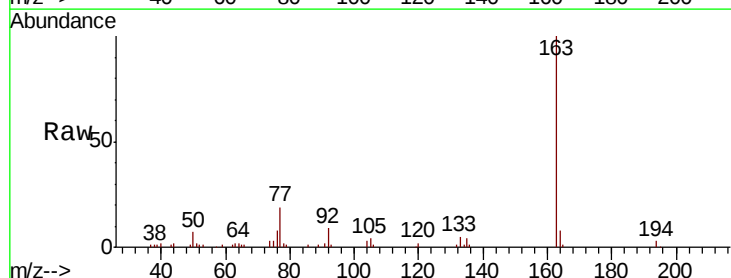


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

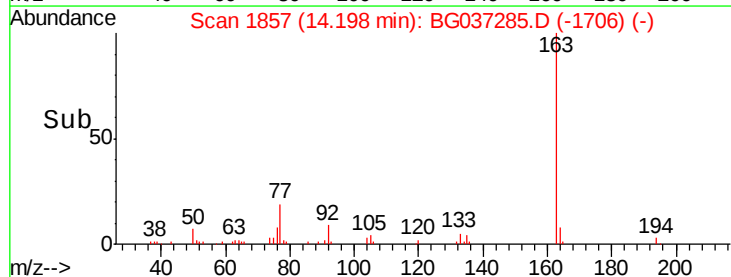
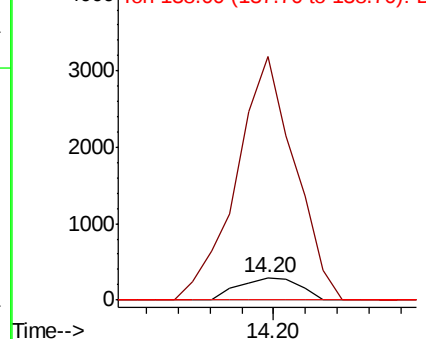


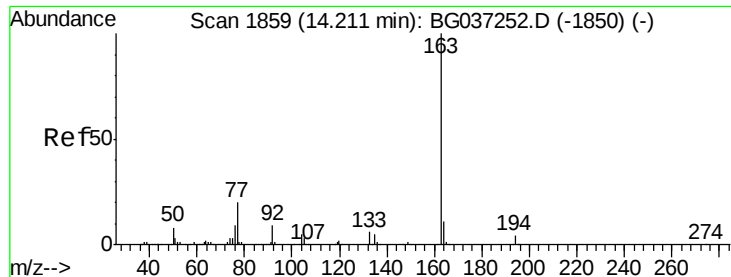
#48
 2-Nitroaniline
 Concen: 5.875 ng
 RT: 14.20 min Scan# 1857
 Delta R.T. 0.36 min
 Lab File: BG037285.D
 Acq: 12 Oct 2018 10:22

Tgt Ion: 65 Resp: 387
 Ion Ratio Lower Upper
 65 100
 92 1076.7 53.2 79.8#
 138 0.0 79.3 118.9#



Abundance Ion 65.00 (64.70 to 65.70): BGC
 Ion 92.00 (91.70 to 92.70): BGC
 Ion 138.00 (137.70 to 138.70): E

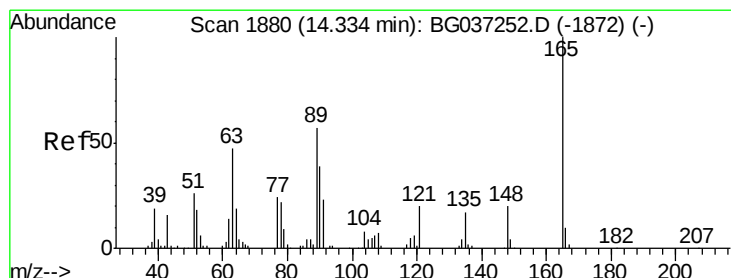
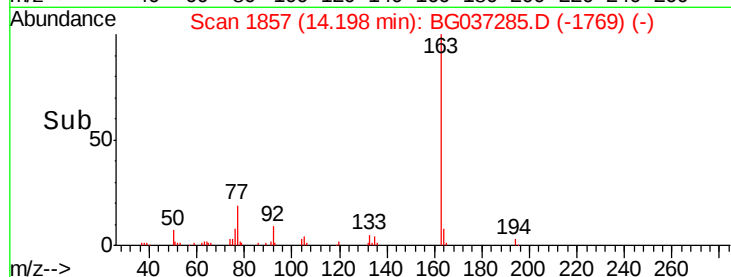
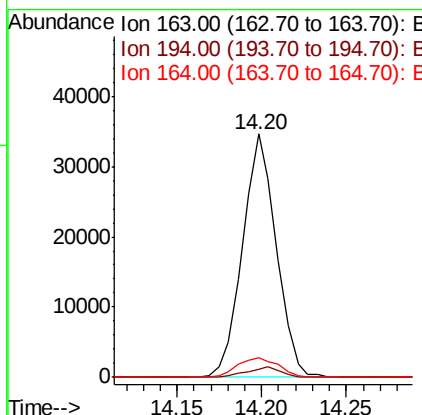
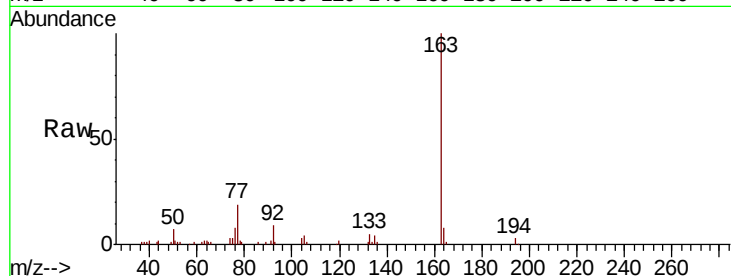




#50
Dimethylphthalate
Concen: 3.629 ng
RT: 14.20 min Scan# 1857
Delta R.T. -0.01 min
Lab File: BG037285.D
Acq: 12 Oct 2018 10:22

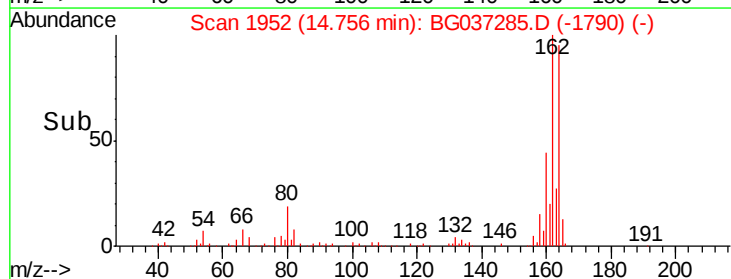
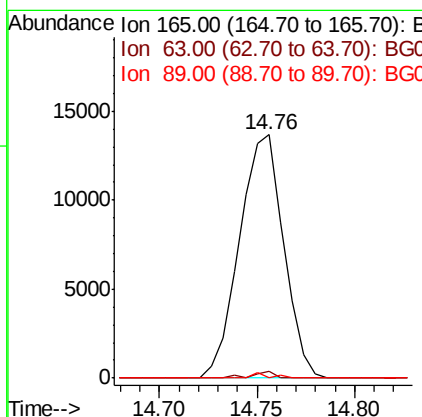
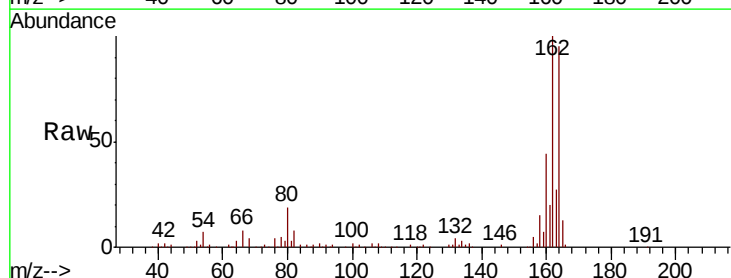
Instrument :
BNA_G
ClientSampled :

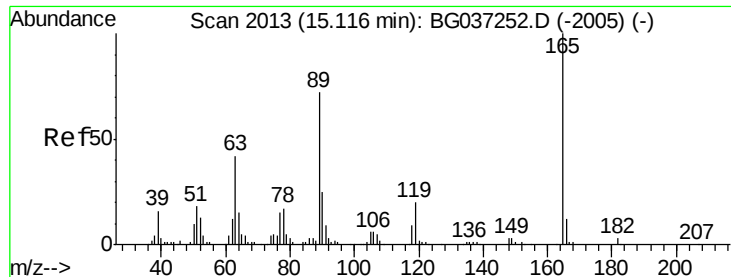
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.3	3.5	5.3#
164	7.9	8.5	12.7#



#51
2,6-Dinitrotoluene
Concen: 12.295 ng
RT: 14.76 min Scan# 1952
Delta R.T. 0.42 min
Lab File: BG037285.D
Acq: 12 Oct 2018 10:22

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.5	43.4	65.2#
89	0.0	45.8	68.6#

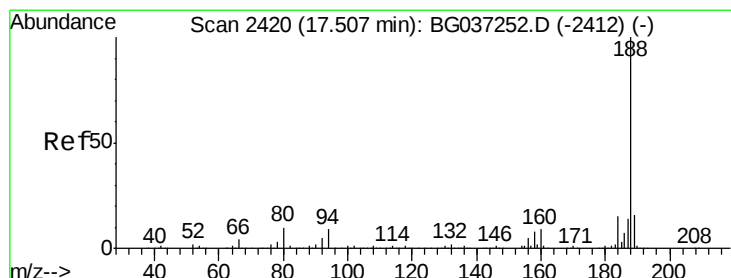
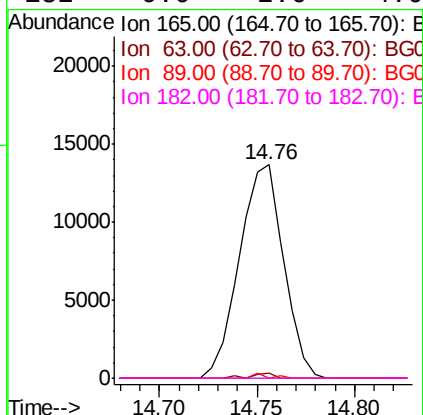
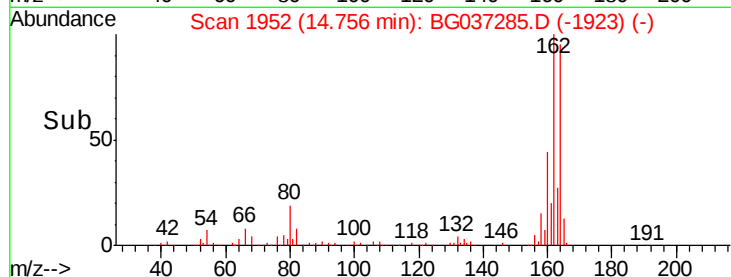
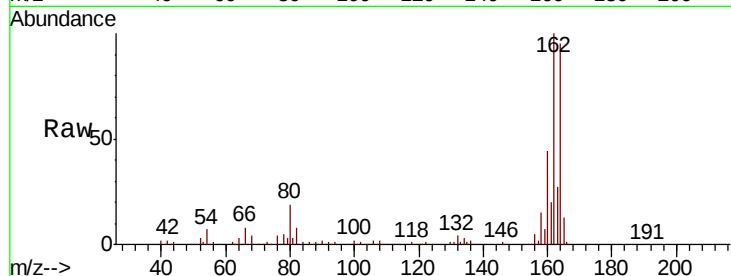




#57
2,4-Dinitrotoluene
Concen: 11.174 ng
RT: 14.76 min Scan# 1952
Delta R.T. -0.36 min
Lab File: BG037285.D
Acq: 12 Oct 2018 10:22

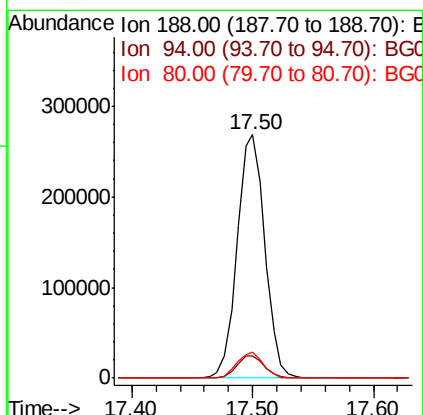
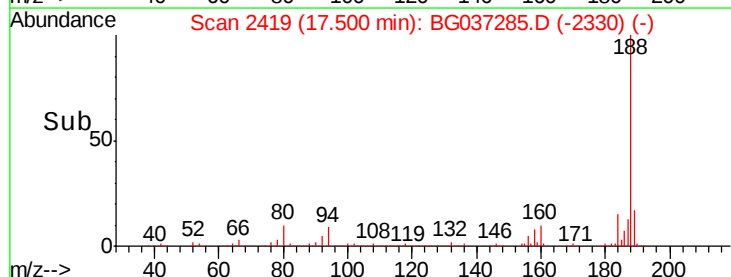
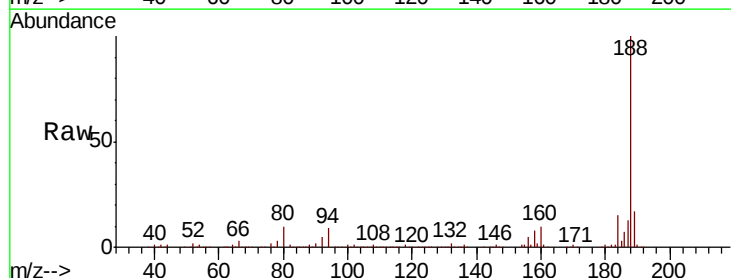
Instrument :
BNA_G
ClientSampleId :

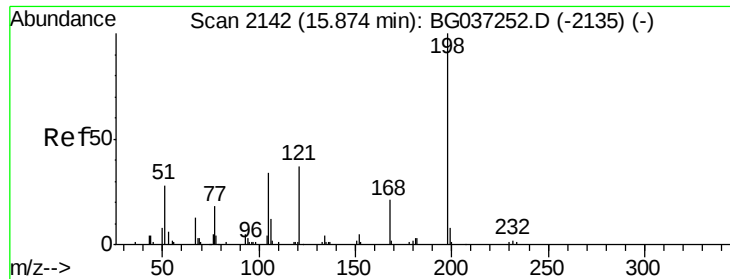
Tot Ion	Ratio	Lower	Upper
165	100		
63	2.5	33.4	50.0#
89	0.0	57.2	85.8#
182	0.0	2.6	4.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.50 min Scan# 2419
Delta R.T. -0.01 min
Lab File: BG037285.D
Acq: 12 Oct 2018 10:22

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.2	10.8
80	10.4	7.7	11.5





#65

4,6-Dinitro-2-methylphenol

Concen: 6.315 ng

RT: 16.23 min Scan# 2203

Delta R.T. 0.36 min

Lab File: BG037285.D

Acq: 12 Oct 2018 10:22

Instrument :

BNA_G

ClientSampleId :

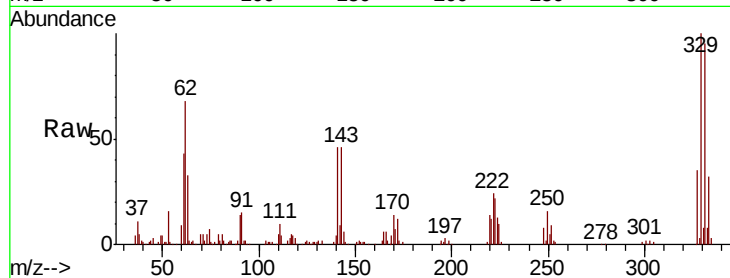
Tot Ion:198 Resp: 566

Ion Ratio Lower Upper

198 100

51 20.4 22.7 62.7#

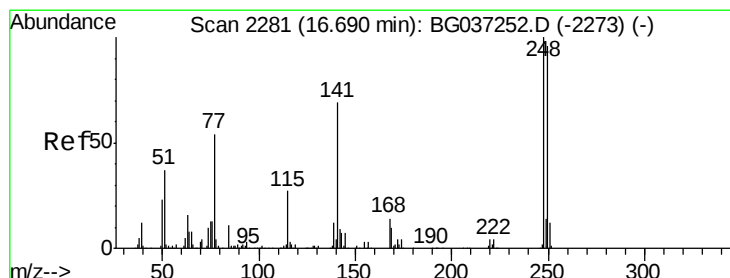
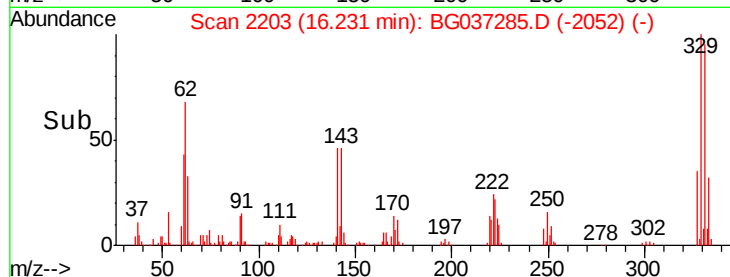
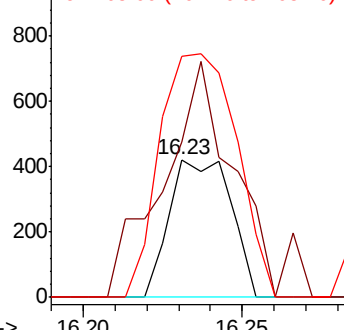
105 31.8 19.7 59.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#67

4-Bromophenyl-phenylether

Concen: 2.818 ng

RT: 16.24 min Scan# 2204

Delta R.T. -0.45 min

Lab File: BG037285.D

Acq: 12 Oct 2018 10:22

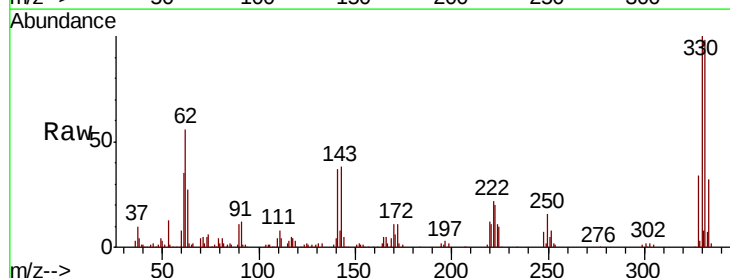
Tgt Ion:248 Resp: 13027

Ion Ratio Lower Upper

248 100

250 209.0 77.0 115.6#

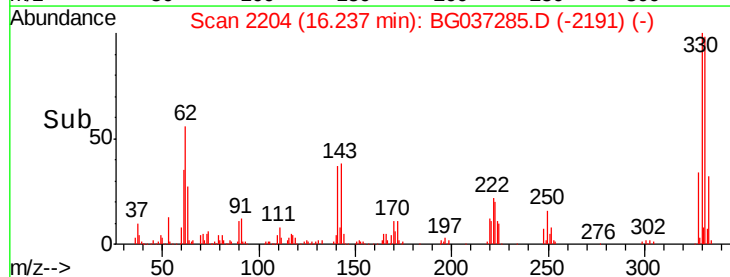
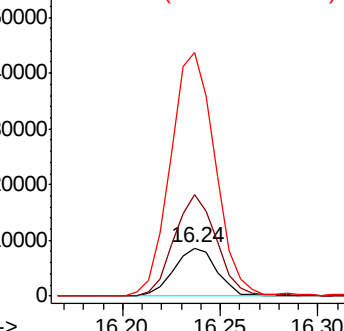
141 379.5 55.5 83.3#

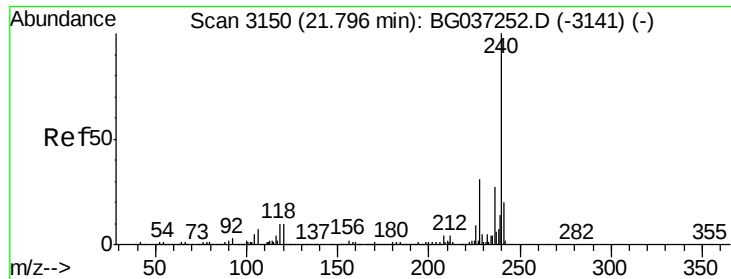


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#76

Chrvsene-d12

Concen: 20.000 ng

RT: 21.78 min Scan# 3148

Delta R.T. -0.01 min

Lab File: BG037285.D

Acq: 12 Oct 2018 10:22

Instrument :

BNA_G

ClientSampleId :

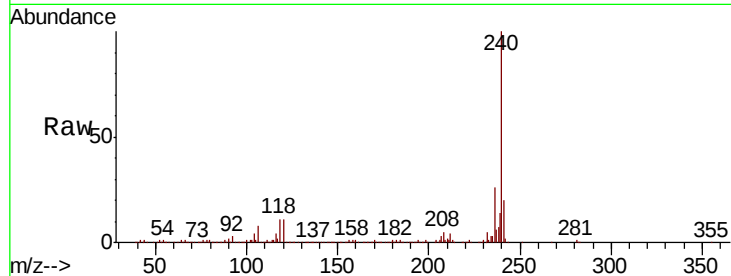
Tot Ion:240 Resp: 402786

Ion Ratio Lower Upper

240 100

120 11.3 8.1 12.1

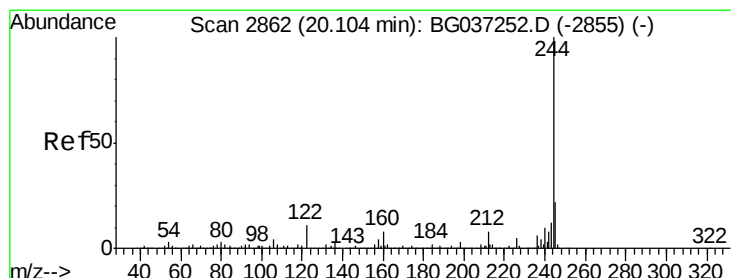
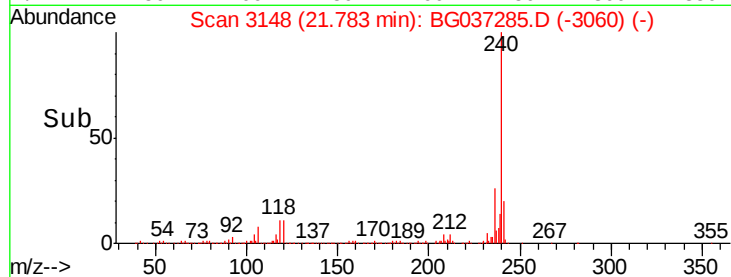
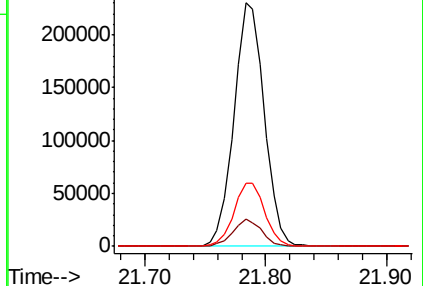
236 25.9 21.4 32.0



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: 87.392 ng

RT: 20.10 min Scan# 2862

Delta R.T. -0.00 min

Lab File: BG037285.D

Acq: 12 Oct 2018 10:22

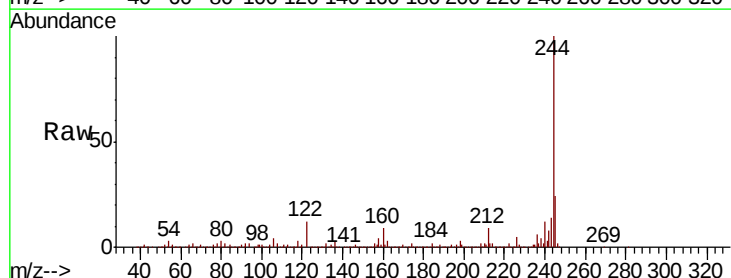
Tgt Ion:244 Resp: 1676412

Ion Ratio Lower Upper

244 100

212 9.1 6.5 9.7

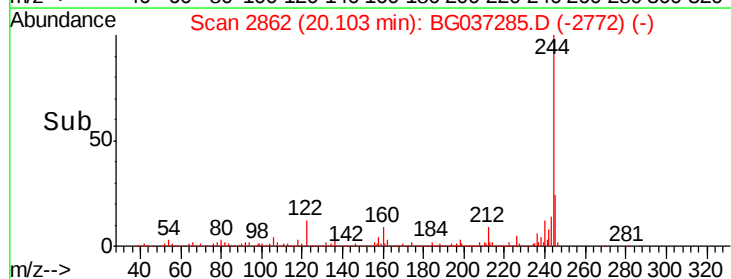
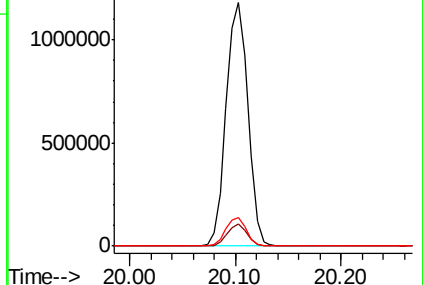
122 11.6 9.0 13.4

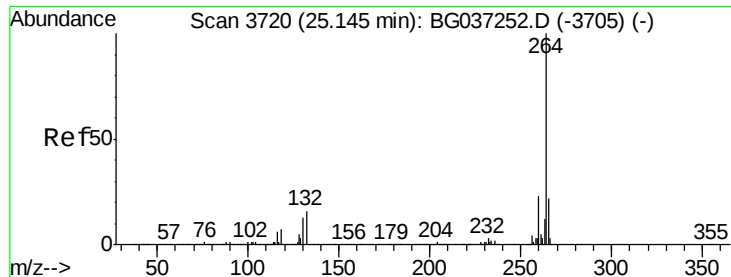


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.14 min Scan# 3719
Delta R.T. -0.01 min
Lab File: BG037285.D
Acq: 12 Oct 2018 10:22

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.2	27.4
265	21.9	17.9	26.9

