

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101118\
 Data File : BG037261.D
 Acq On : 11 Oct 2018 17:22
 Operator : JU/SJ
 Sample : PB113493BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 11 18:43:27 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

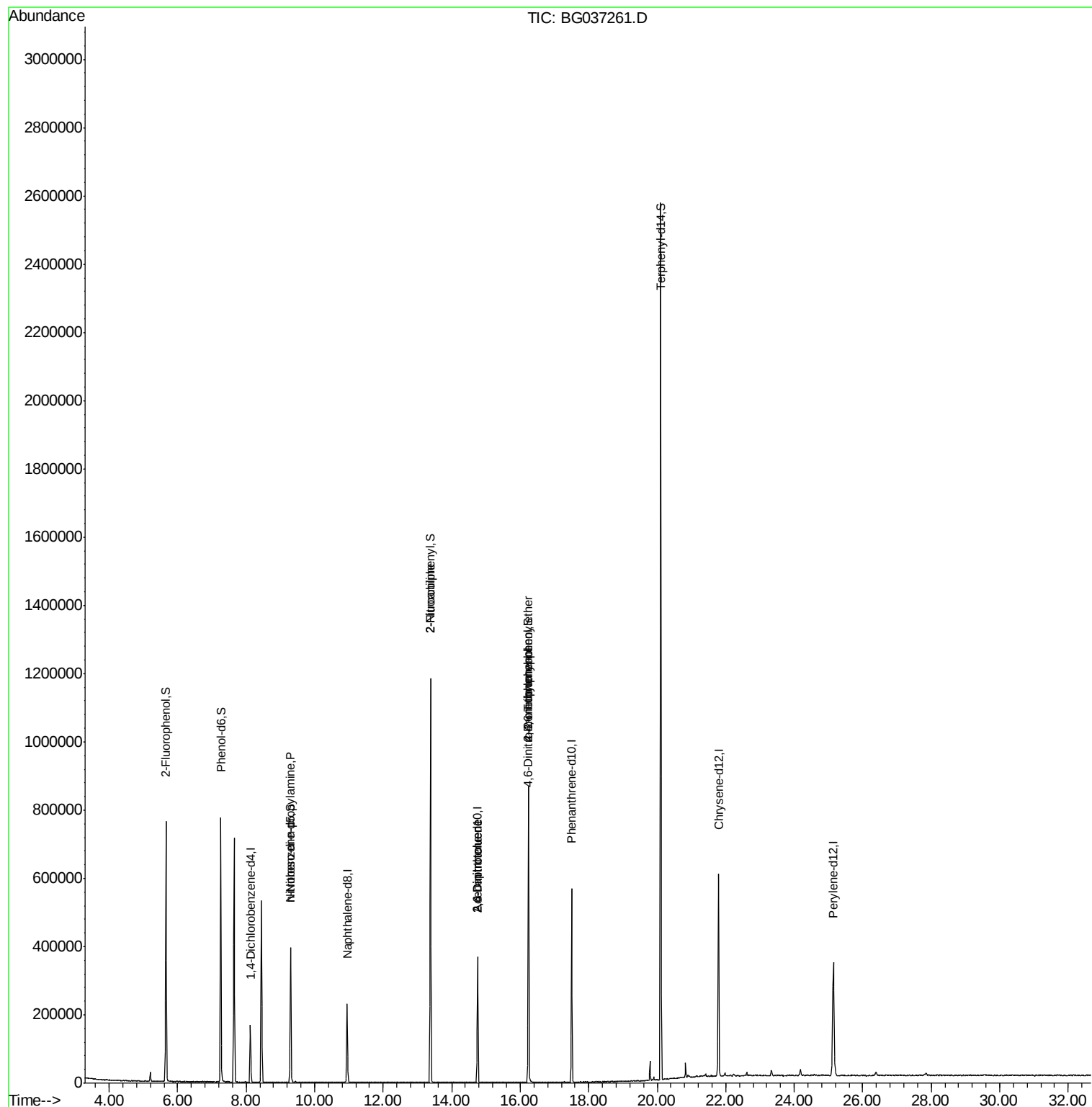
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	48345	20.00	ng	0.00
21) Naphthalene-d8	10.95	136	202761	20.00	ng	0.00
39) Acenaphthene-d10	14.75	164	130411	20.00	ng	0.00
64) Phenanthrene-d10	17.50	188	347947	20.00	ng	0.00
76) Chrysene-d12	21.79	240	371603	20.00	ng	0.00
87) Perylene-d12	25.15	264	367974	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	337564	122.88	ng	0.00
7) Phenol-d6	7.26	99	470785	112.91	ng	0.00
23) Nitrobenzene-d5	9.30	82	240684	78.04	ng	0.00
42) 2,4,6-Tribromophenol	16.24	330	153820	120.27	ng	0.00
45) 2-Fluorobiphenyl	13.38	172	648702	74.70	ng	0.00
79) Terphenyl-d14	20.11	244	1241612	70.16	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.29	70	30716	9.730	ng	# 75
48) 2-Nitroaniline	13.37	65	1005	6.158	ng	# 1
51) 2,6-Dinitrotoluene	14.75	165	17161	12.567	ng	# 24
57) 2,4-Dinitrotoluene	14.75	165	17161	11.387	ng	# 24
65) 4,6-Dinitro-2-methylphenol	16.23	198	158	6.073	ng	73
67) 4-Bromophenyl-phenylether	16.24	248	10801	2.876	ng	# 1

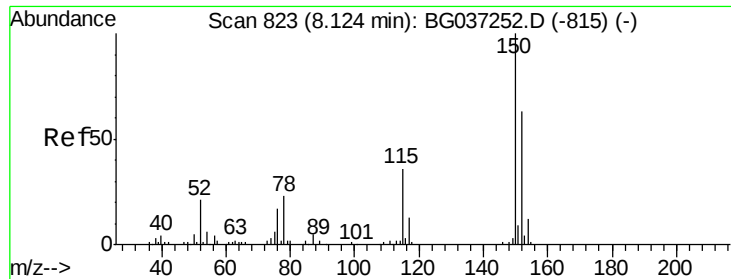
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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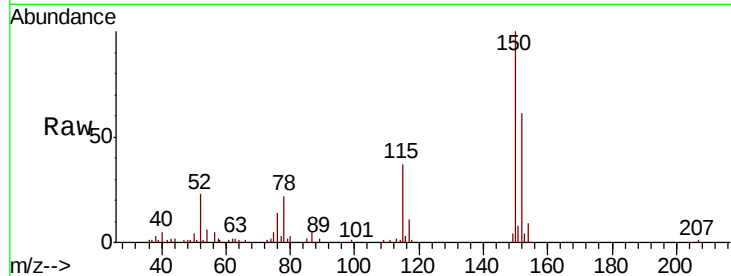


#1

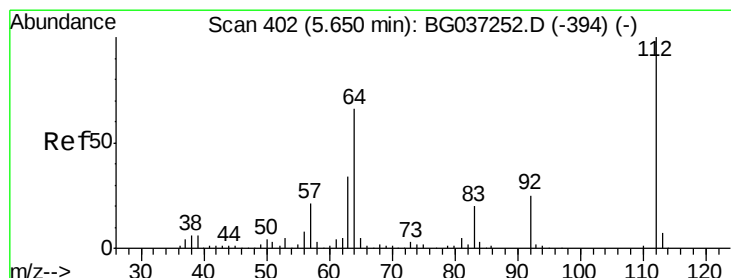
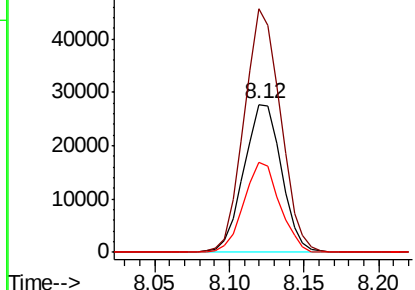
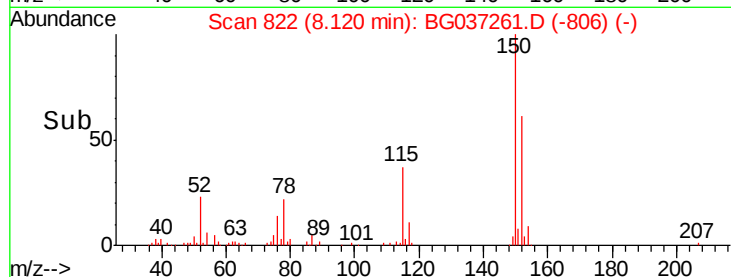
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 822
Delta R.T. -0.00 min
Lab File: BG037261.D
Acq: 11 Oct 2018 17:22

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 48345
Ion Ratio Lower Upper
152 100
150 164.6 126.0 189.0
115 60.9 45.5 68.3



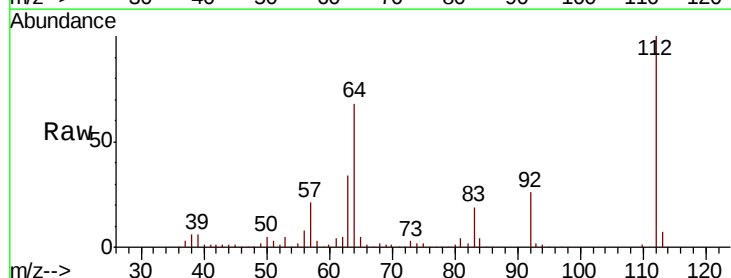
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



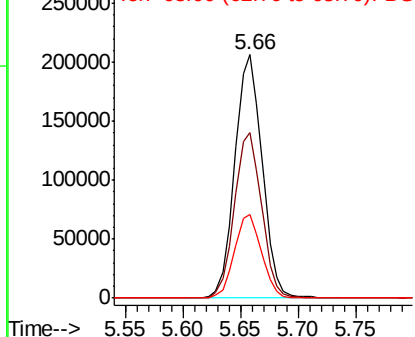
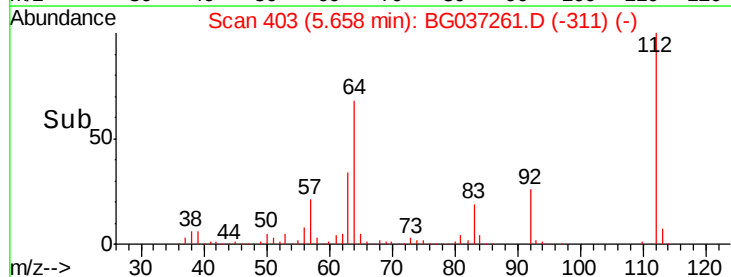
#5

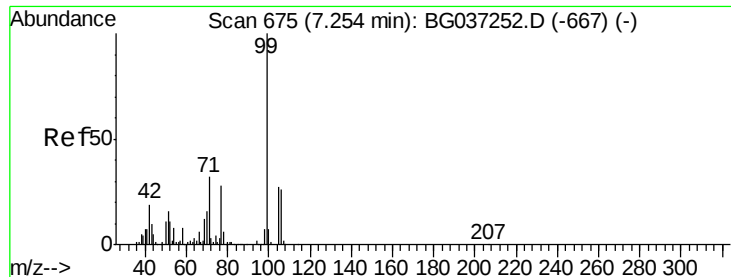
2-Fluorophenol
Concen: 122.884 ng
RT: 5.66 min Scan# 403
Delta R.T. 0.01 min
Lab File: BG037261.D
Acq: 11 Oct 2018 17:22

Tgt Ion:112 Resp: 337564
Ion Ratio Lower Upper
112 100
64 68.1 53.1 79.7
63 34.4 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: 112.911 ng

RT: 7.26 min Scan# 675

Delta R.T. 0.00 min

Lab File: BG037261.D

Acq: 11 Oct 2018 17:22

Instrument :

BNA_G

ClientSampleId :

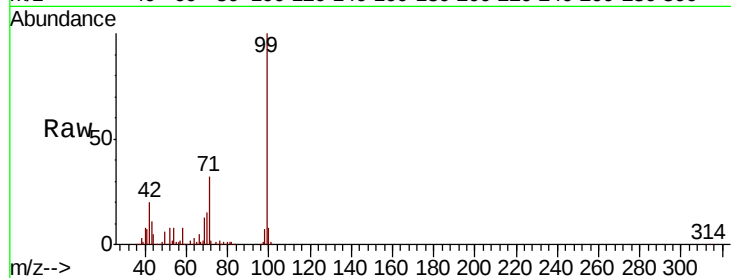
Tot Ion: 99 Resp: 470785

Ion Ratio Lower Upper

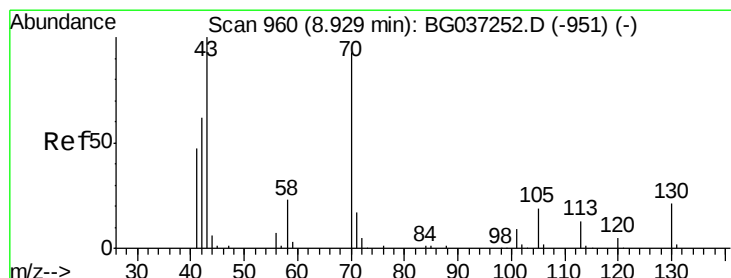
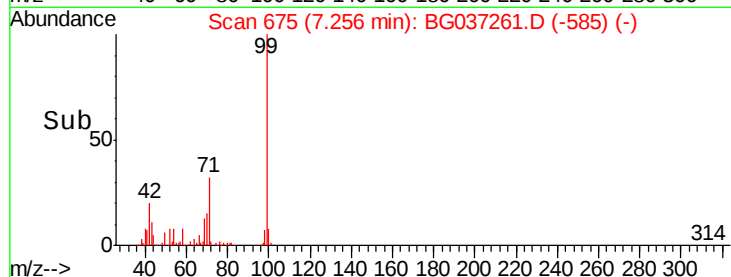
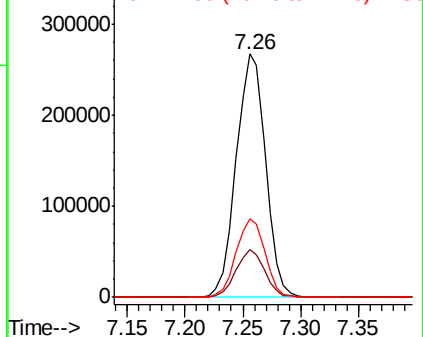
99 100

42 19.6 15.0 22.4

71 32.0 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



#19

n-Nitroso-di-n-propylamine

Concen: 9.730 ng

RT: 9.29 min Scan# 1022

Delta R.T. 0.37 min

Lab File: BG037261.D

Acq: 11 Oct 2018 17:22

Tgt Ion: 70 Resp: 30716

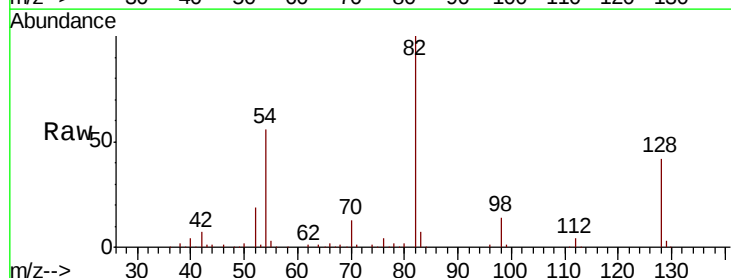
Ion Ratio Lower Upper

70 100

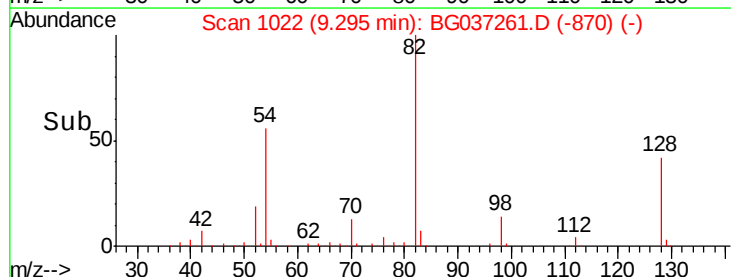
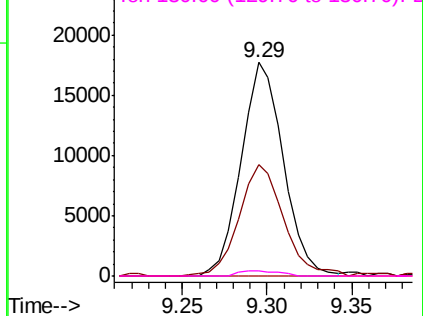
42 52.0 53.9 80.9#

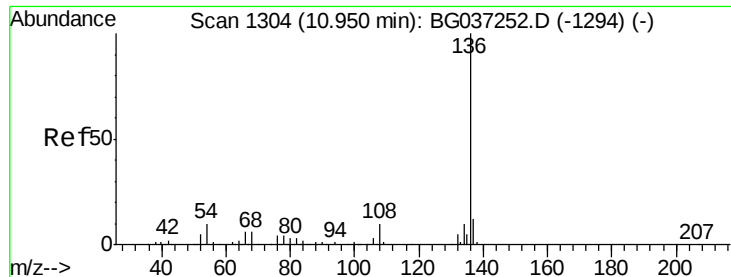
101 0.0 8.2 12.2#

130 2.5 18.2 27.4#



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

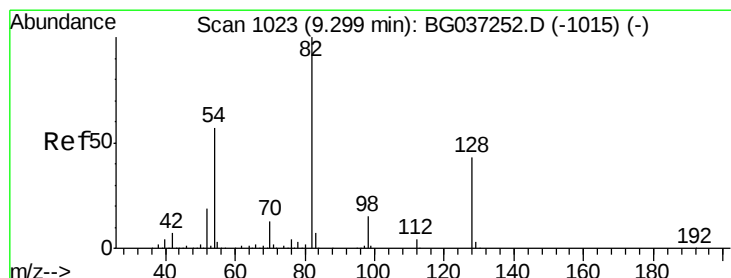
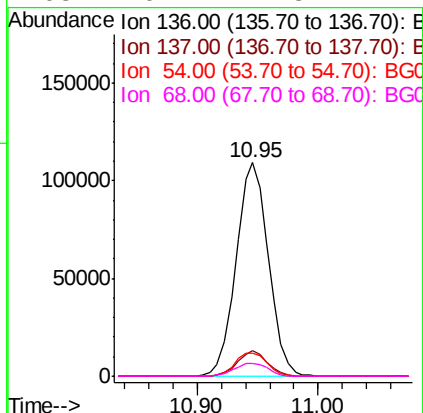
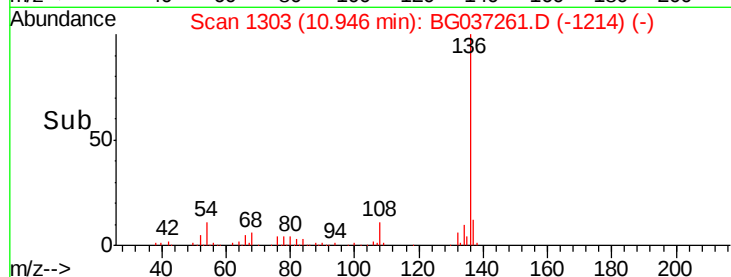
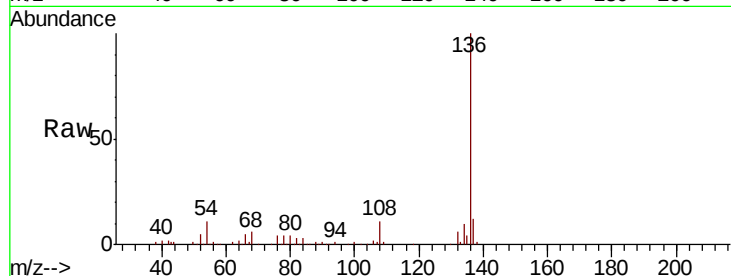




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.95 min Scan# 1303
Delta R.T. -0.00 min
Lab File: BG037261.D
Acq: 11 Oct 2018 17:22

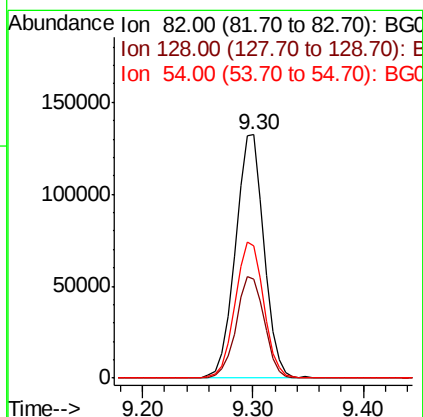
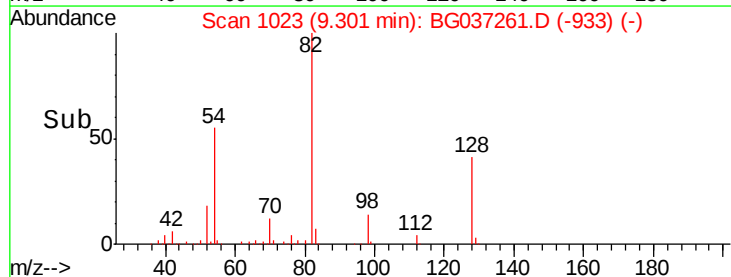
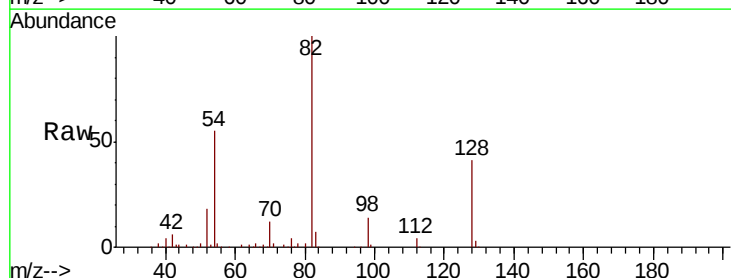
Instrument :
BNA_G
ClientSampleId :

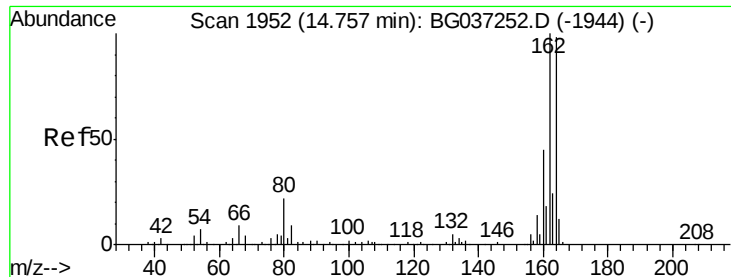
Tot Ion:136	Resp:	202761
Ion Ratio	Lower	Upper
136 100		
137 11.7	9.6	14.4
54 10.5	7.9	11.9
68 6.1	4.8	7.2



#23
Nitrobenzene-d5
Concen: 78.041 ng
RT: 9.30 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BG037261.D
Acq: 11 Oct 2018 17:22

Tgt Ion: 82	Resp: 240684
Ion Ratio	Lower Upper
82 100	
128 40.8	34.6 51.8
54 54.5	45.3 67.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.75 min Scan# 1951

Delta R.T. -0.00 min

Lab File: BG037261.D

Acq: 11 Oct 2018 17:22

Instrument :

BNA_G

ClientSampleId :

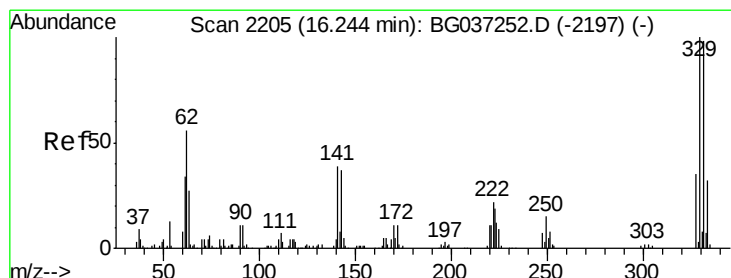
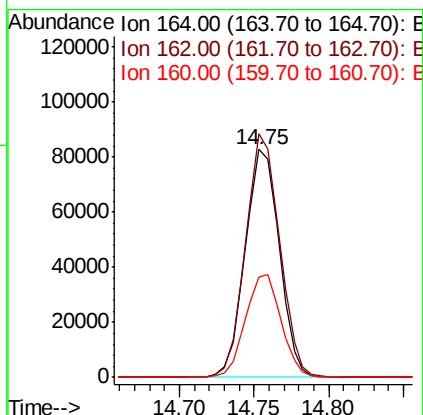
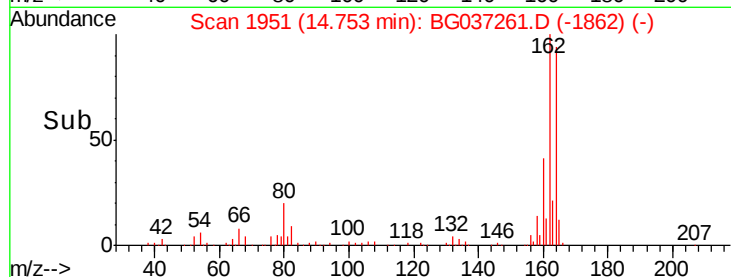
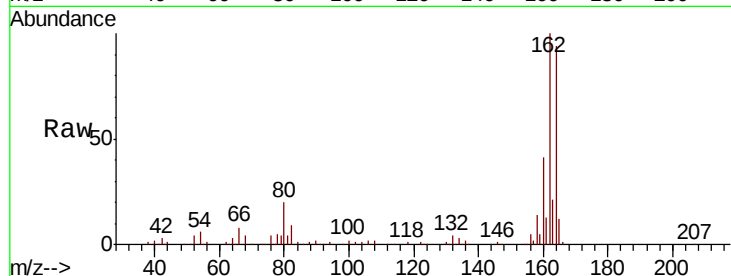
Tot Ion:164 Resp: 130411

Ion Ratio Lower Upper

164 100

162 106.8 81.3 121.9

160 43.8 36.3 54.5



#42

2,4,6-Tribromophenol

Concen: 120.269 ng

RT: 16.24 min Scan# 2204

Delta R.T. -0.00 min

Lab File: BG037261.D

Acq: 11 Oct 2018 17:22

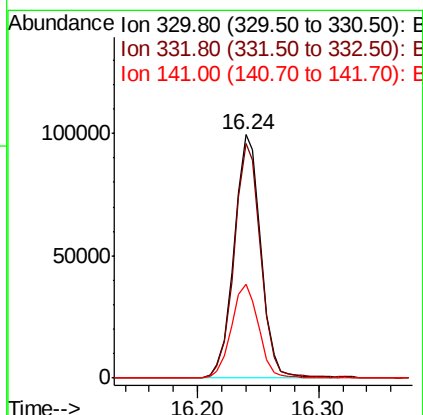
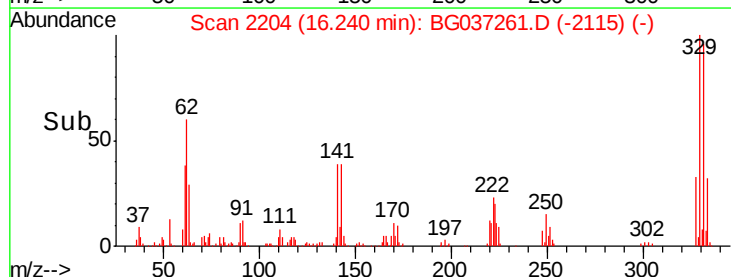
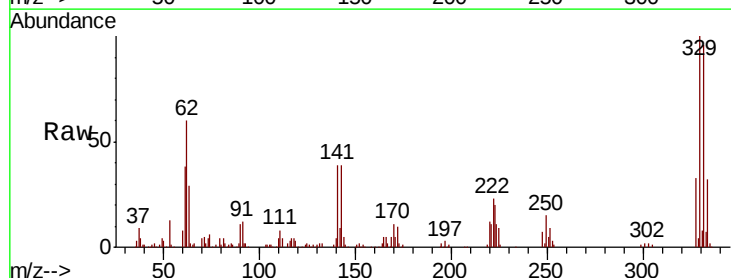
Tgt Ion:330 Resp: 153820

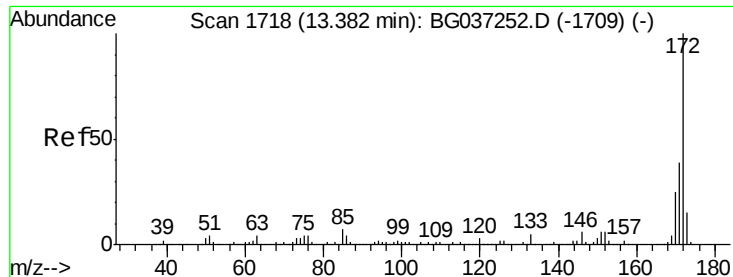
Ion Ratio Lower Upper

330 100

332 95.3 78.4 117.6

141 38.8 32.2 48.2

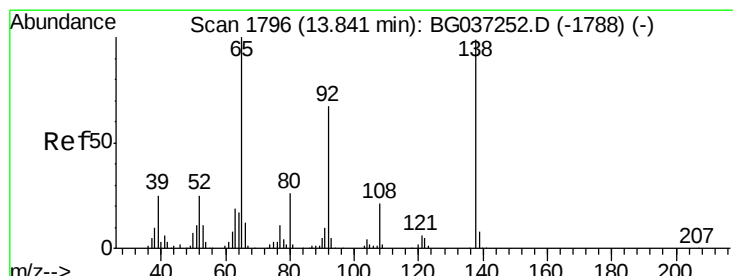
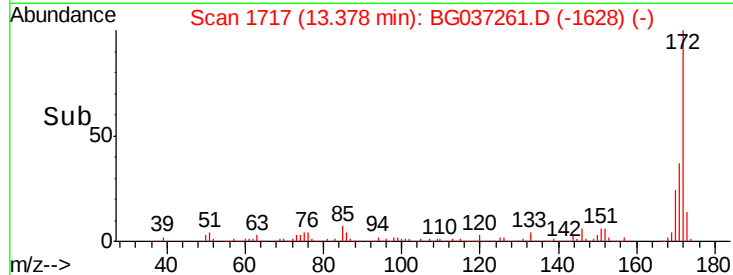
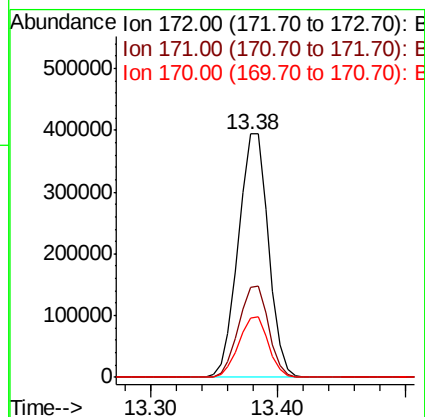
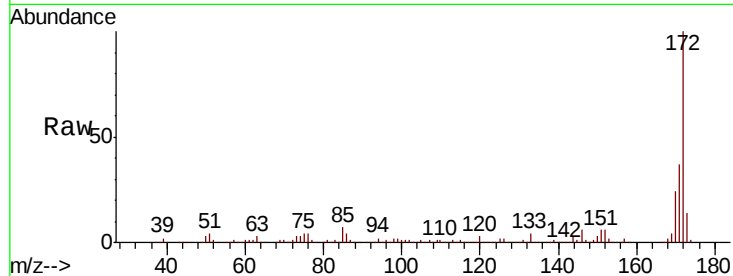




#45
 2-Fluorobiphenyl
 Concen: 74.702 ng
 RT: 13.38 min Scan# 1717
 Delta R.T. -0.00 min
 Lab File: BG037261.D
 Acq: 11 Oct 2018 17:22

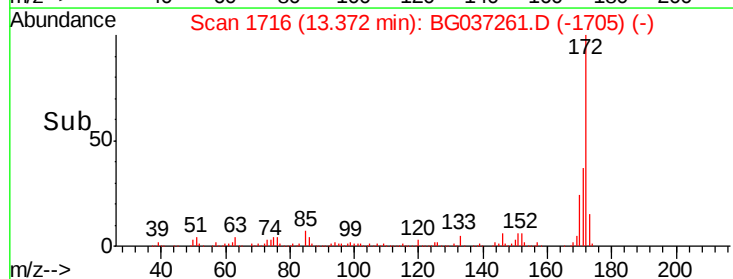
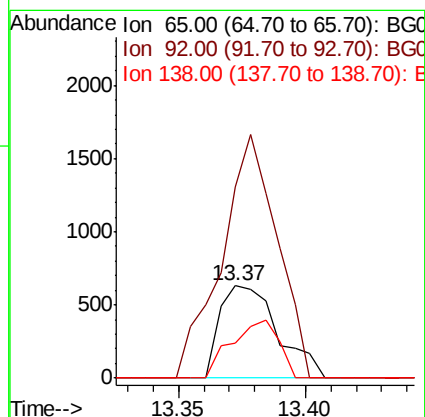
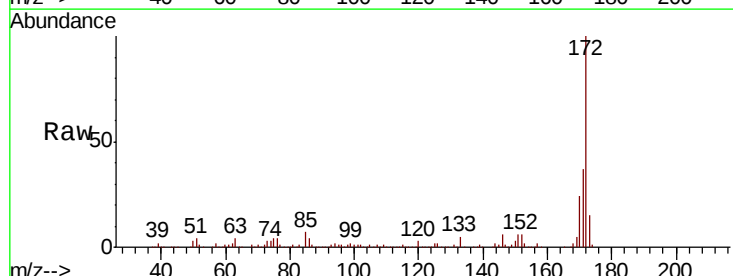
Instrument :
 BNA_G
 ClientSampleId :

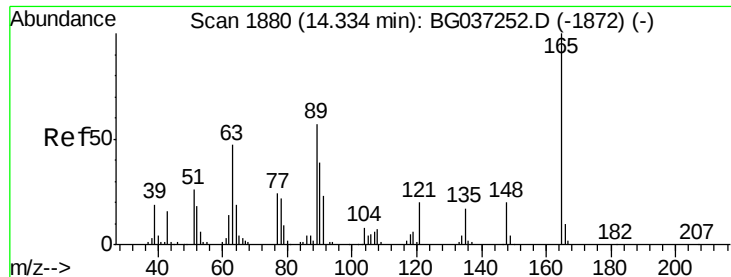
Tot Ion:172 Resp: 648702
 Ion Ratio Lower Upper
 172 100
 171 37.1 31.0 46.4
 170 24.4 20.2 30.2



#48
 2-Nitroaniline
 Concen: 6.158 ng
 RT: 13.37 min Scan# 1716
 Delta R.T. -0.47 min
 Lab File: BG037261.D
 Acq: 11 Oct 2018 17:22

Tgt Ion: 65 Resp: 1005
 Ion Ratio Lower Upper
 65 100
 92 207.6 53.2 79.8#
 138 37.8 79.3 118.9#

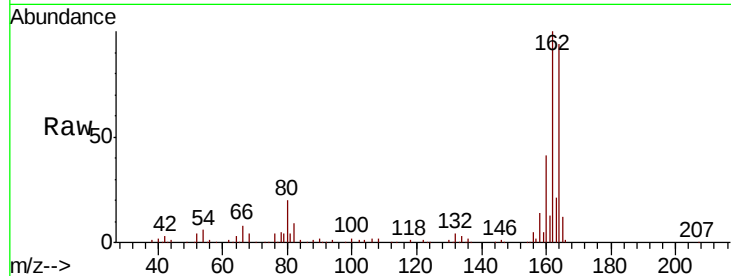




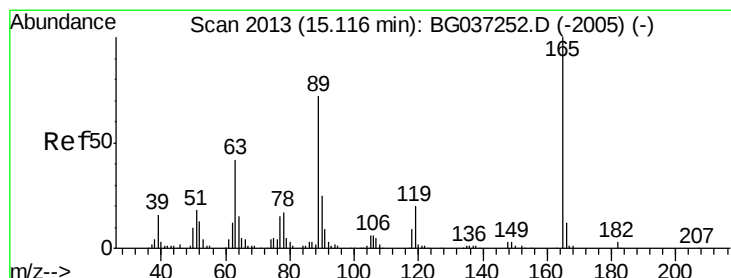
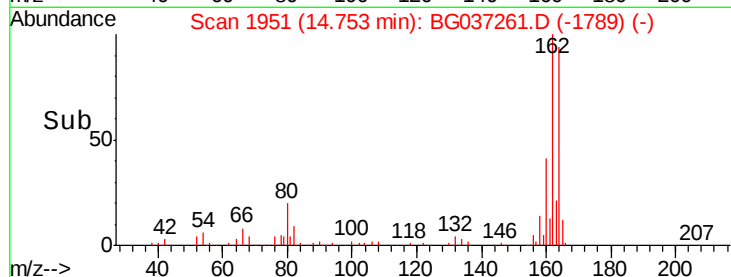
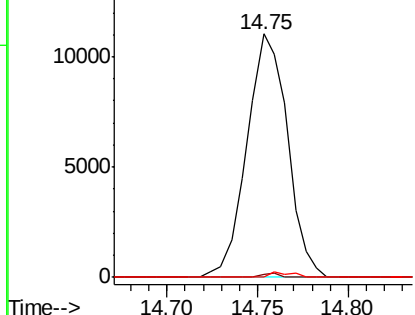
#51
 2,6-Dinitrotoluene
 Concen: 12.567 ng
 RT: 14.75 min Scan# 1951
 Delta R.T. 0.42 min
 Lab File: BG037261.D
 Acq: 11 Oct 2018 17:22

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.5	43.4	65.2#
89	0.0	45.8	68.6#



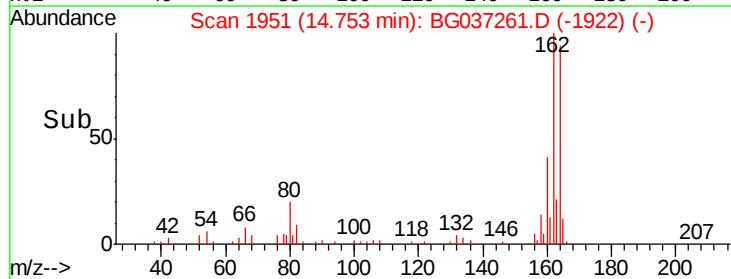
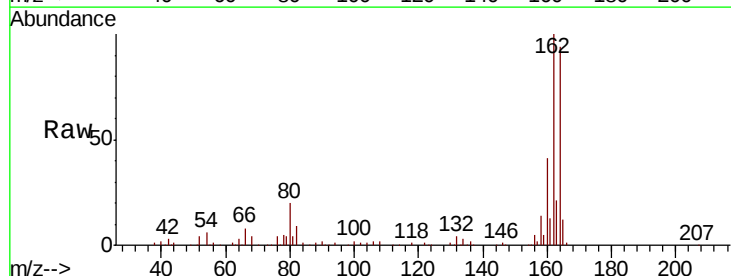
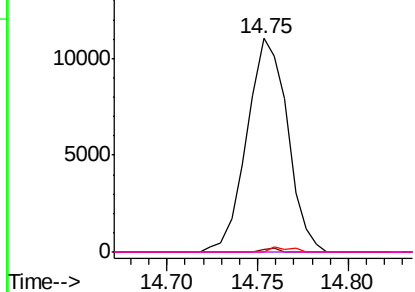
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

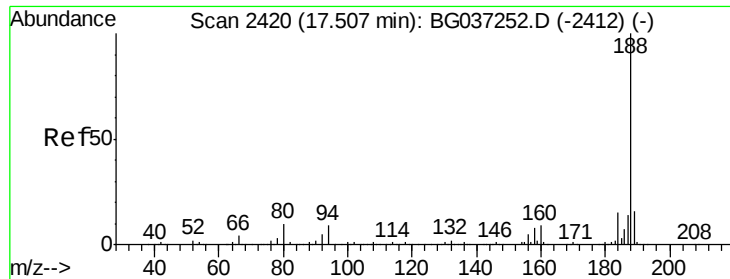


#57
 2,4-Dinitrotoluene
 Concen: 11.387 ng
 RT: 14.75 min Scan# 1951
 Delta R.T. -0.36 min
 Lab File: BG037261.D
 Acq: 11 Oct 2018 17:22

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	33.4	50.0#
89	0.0	57.2	85.8#
182	0.0	2.6	4.0#

Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG
 Ion 182.00 (181.70 to 182.70): E

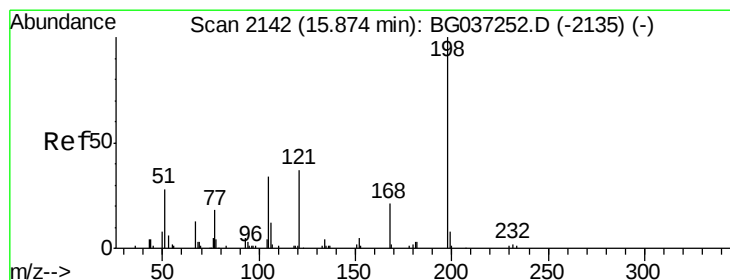
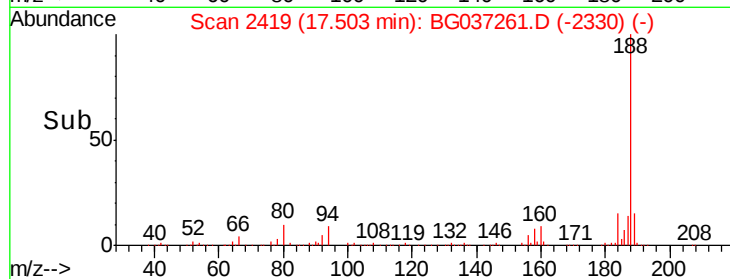
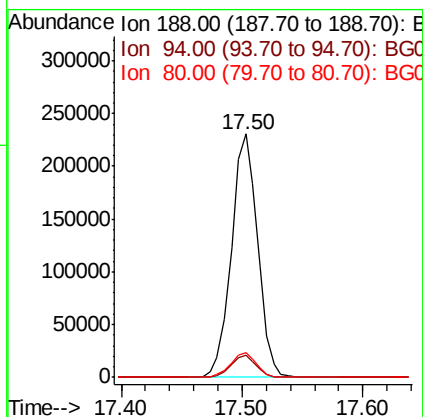
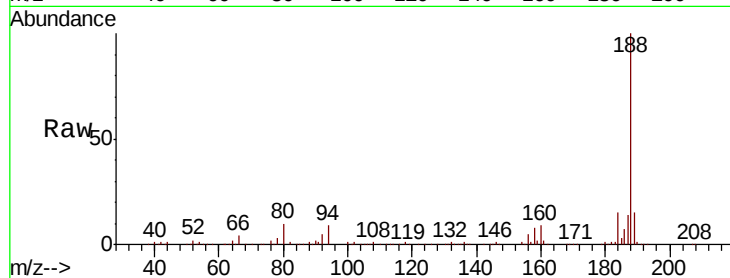




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.50 min Scan# 2419
 Delta R.T. -0.00 min
 Lab File: BG037261.D
 Acq: 11 Oct 2018 17:22

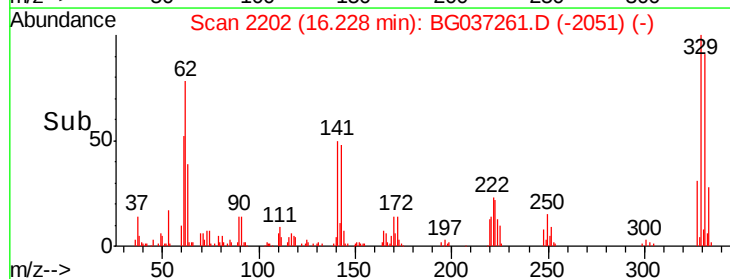
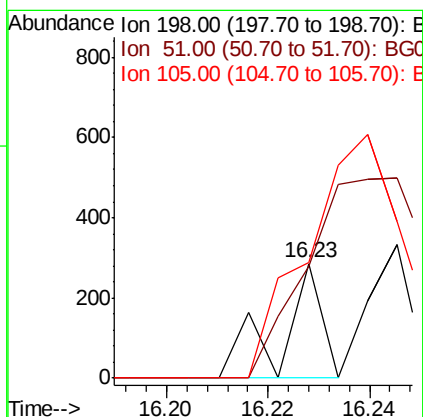
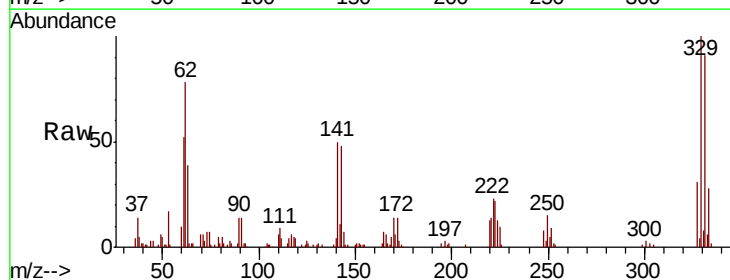
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 ClientSampleId :

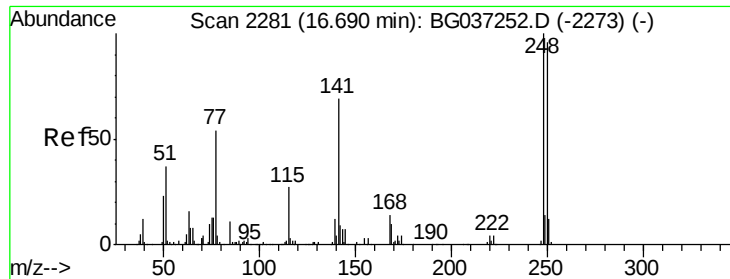
Tot Ion:188 Resp: 347947
 Ion Ratio Lower Upper
 188 100
 94 9.0 7.2 10.8
 80 10.0 7.7 11.5



#65
 4,6-Dinitro-2-methylphenol
 Concen: 6.073 ng
 RT: 16.23 min Scan# 2202
 Delta R.T. 0.35 min
 Lab File: BG037261.D
 Acq: 11 Oct 2018 17:22

Tgt Ion:198 Resp: 158
 Ion Ratio Lower Upper
 198 100
 51 24.1 22.7 62.7
 105 24.8 19.7 59.7

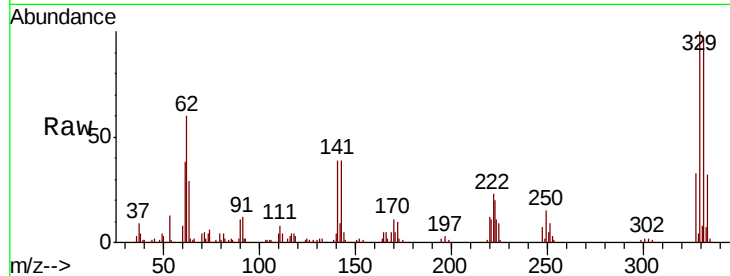




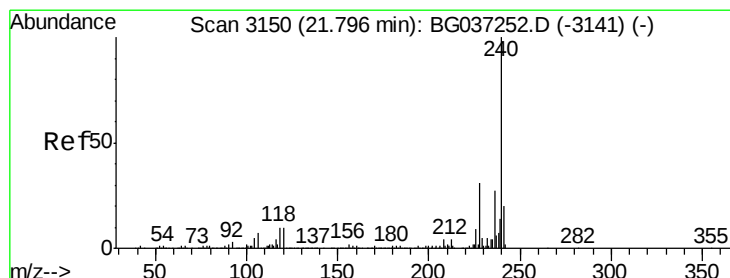
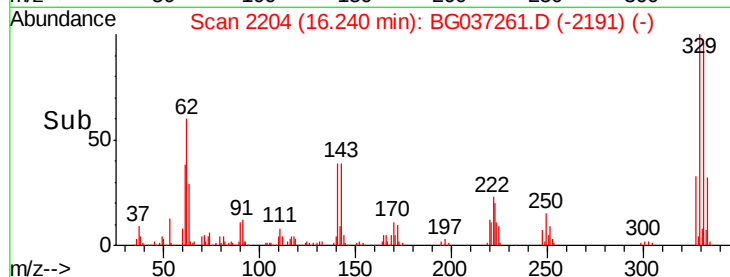
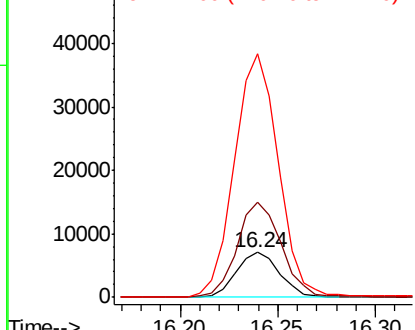
#67
4-Bromophenyl-phenylether
Concen: 2.876 ng
RT: 16.24 min Scan# 2204
Delta R.T. -0.45 min
Lab File: BG037261.D
Acq: 11 Oct 2018 17:22

Instrument :
BNA_G
ClientSampled :

Tot Ion:248 Resp: 10801
Ion Ratio Lower Upper
248 100
250 204.9 77.0 115.6#
141 402.5 55.5 83.3#

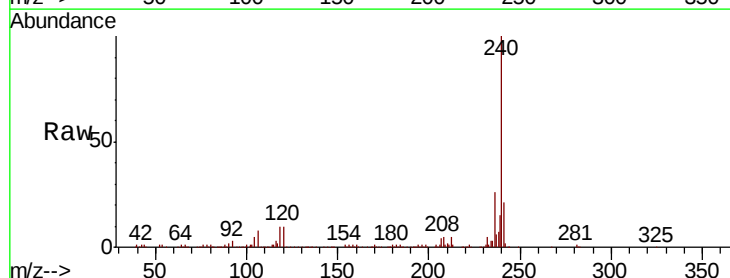


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

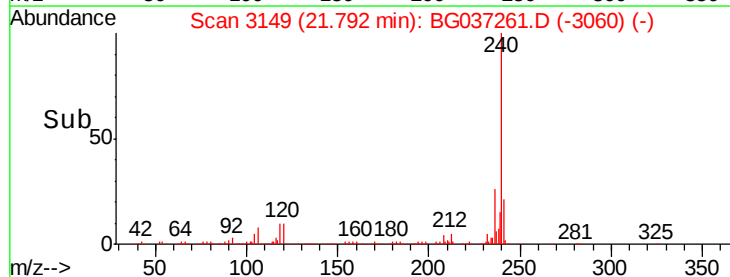
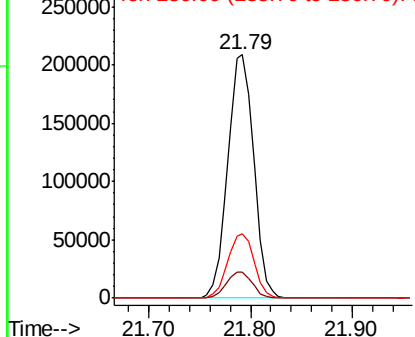


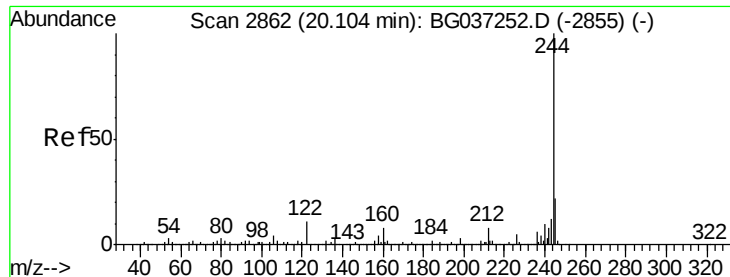
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.79 min Scan# 3149
Delta R.T. -0.00 min
Lab File: BG037261.D
Acq: 11 Oct 2018 17:22

Tgt Ion:240 Resp: 371603
Ion Ratio Lower Upper
240 100
120 10.5 8.1 12.1
236 26.5 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: 70.158 ng

RT: 20.11 min Scan# 2862

Delta R.T. 0.00 min

Lab File: BG037261.D

Acq: 11 Oct 2018 17:22

Instrument :

BNA_G

ClientSampled :

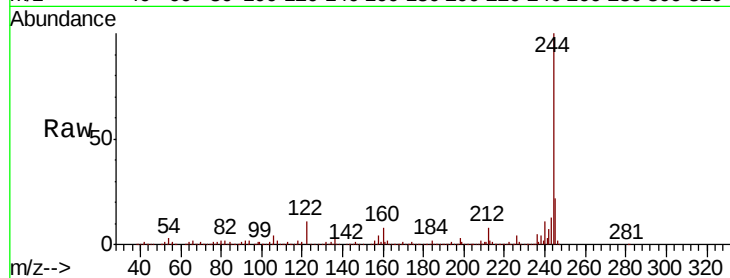
Tot Ion:244 Resp: 1241612

Ion Ratio Lower Upper

244 100

212 8.1 6.5 9.7

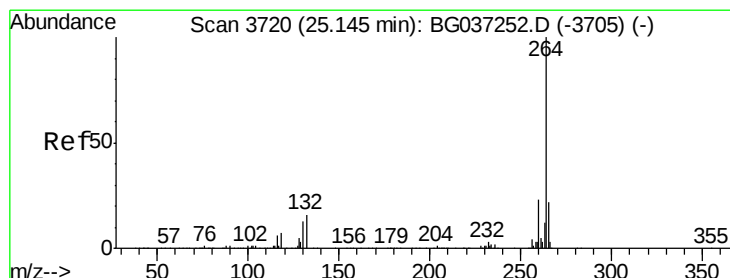
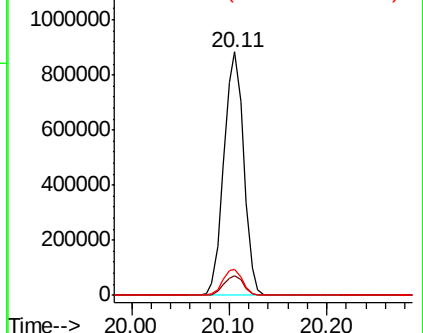
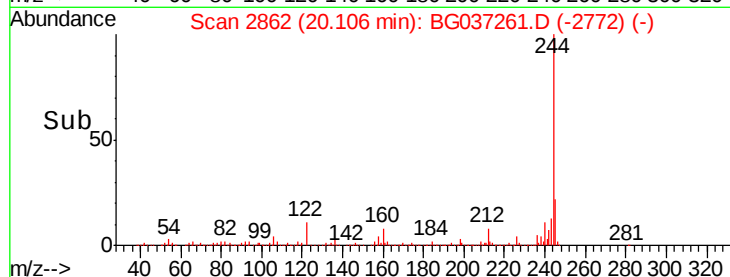
122 10.8 9.0 13.4



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: 25.15 min Scan# 3720

Delta R.T. 0.00 min

Lab File: BG037261.D

Acq: 11 Oct 2018 17:22

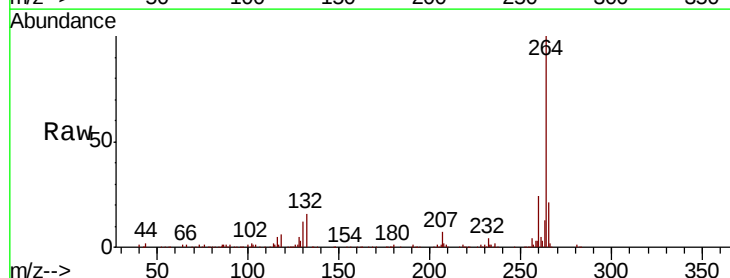
Tgt Ion:264 Resp: 367974

Ion Ratio Lower Upper

264 100

260 23.7 18.2 27.4

265 21.3 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

