

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG103018\
 Data File : BG037667.D
 Acq On : 31 Oct 2018 00:29
 Operator : JU/SJ
 Sample : J5194-08
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HR-05-102618-A

Quant Time: Oct 31 08:03:31 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	8.10	152	62506	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	268548	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	178081	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	409152	20.00	ng	0.00
76) Chrysene-d12	21.76	240	376678	20.00	ng	-0.02
87) Perylene-d12	25.10	264	350550	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.64	112	413984	110.73	ng	0.00
7) Phenol-d6	7.25	99	535119	94.65	ng	0.00
23) Nitrobenzene-d5	9.27	82	404570	84.39	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	235641	121.32	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	928740	78.64	ng	0.00
79) Terphenyl-d14	20.08	244	1417469	80.41	ng	0.00

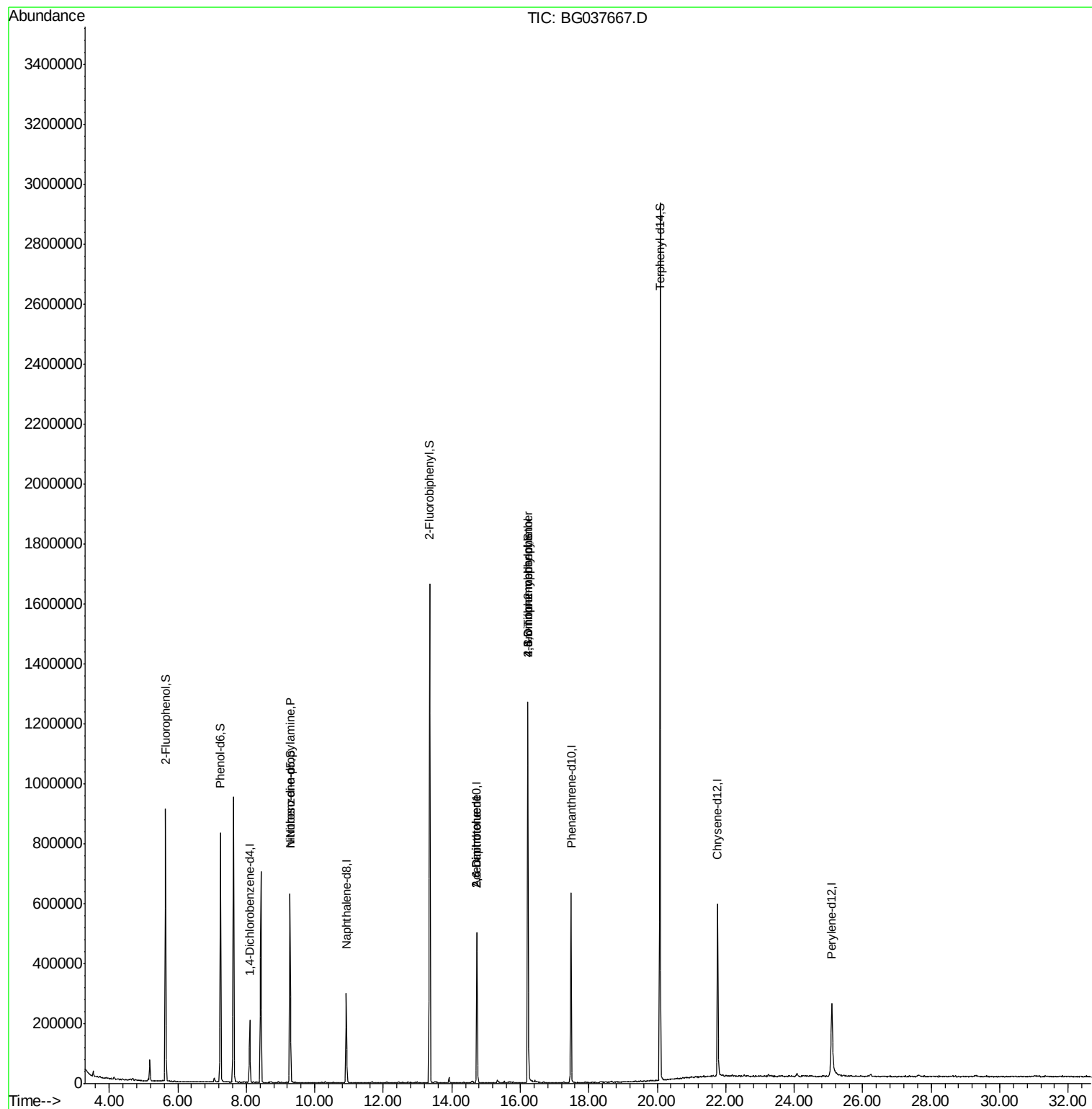
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	9.27	70	50974	13.094	ng	# 69
51) 2,6-Dinitrotoluene	14.73	165	22992	7.544	ng	# 25
57) 2,4-Dinitrotoluene	14.73	165	22992	5.747	ng	# 25
65) 4,6-Dinitro-2-methylphenol	16.22	198	780	8.806	ng	82
67) 4-Bromophenyl-phenylether	16.22	248	17281	3.846	ng	# 1

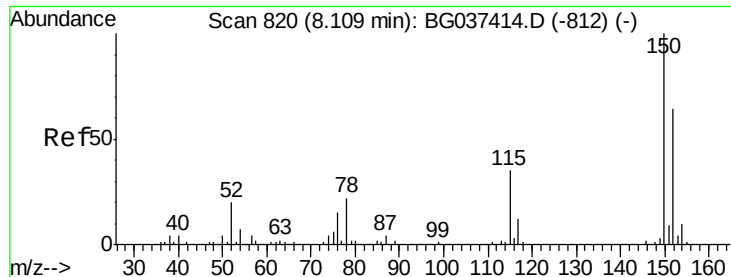
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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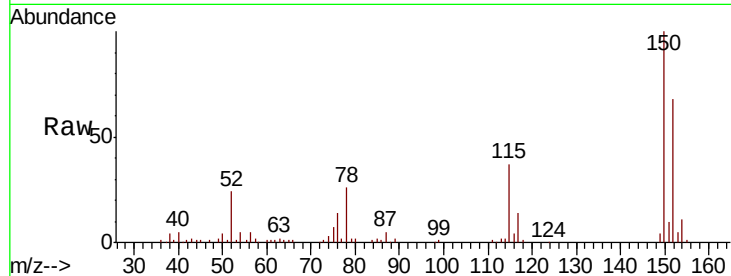


#1

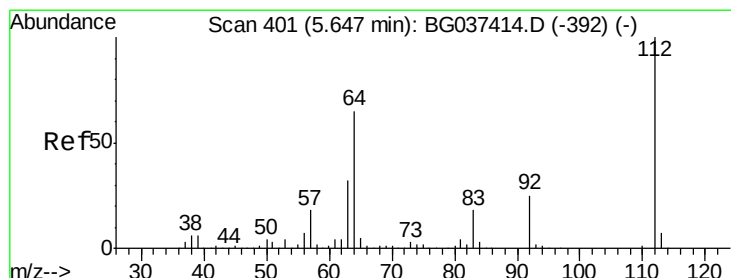
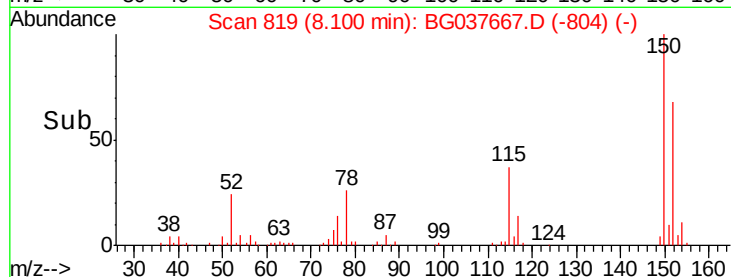
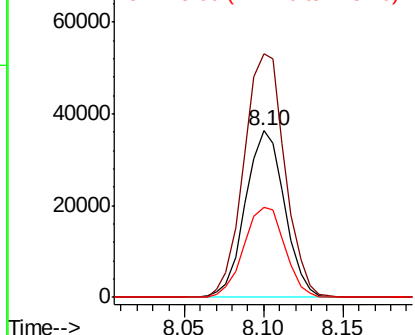
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.10 min Scan# 819
 Delta R.T. -0.01 min
 Lab File: BG037667.D
 Acq: 31 Oct 2018 00:29

Instrument :
 BNA_G
 ClientSampleId :
 HR-05-102618-A

Tgt Ion:152 Resp: 62506
 Ion Ratio Lower Upper
 152 100
 150 146.3 126.0 189.0
 115 54.0 45.5 68.3



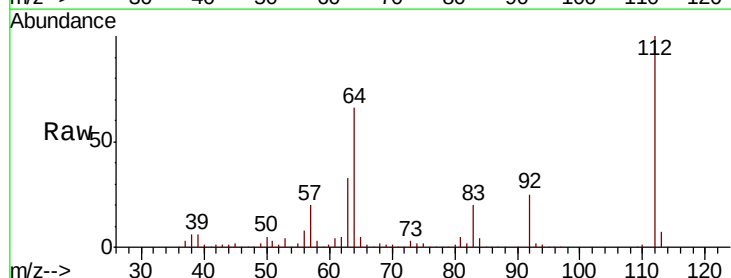
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



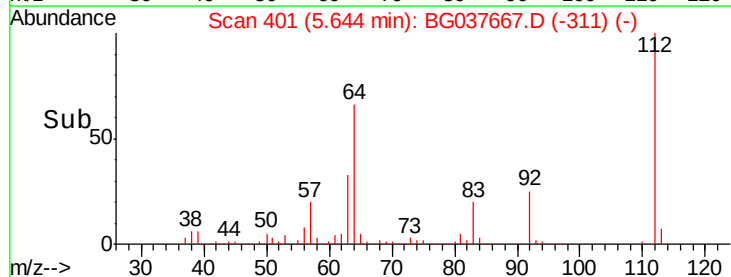
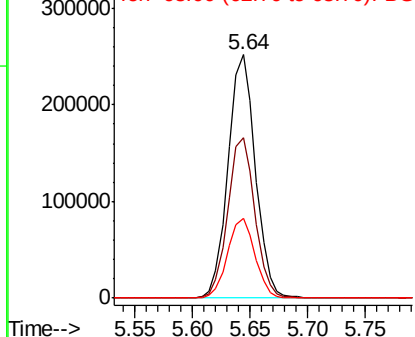
#5

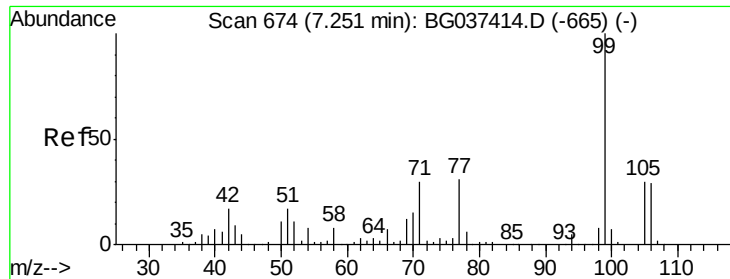
2-Fluorophenol
 Concen: 110.729 ng
 RT: 5.64 min Scan# 401
 Delta R.T. -0.00 min
 Lab File: BG037667.D
 Acq: 31 Oct 2018 00:29

Tgt Ion:112 Resp: 413984
 Ion Ratio Lower Upper
 112 100
 64 66.1 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): BGC
 Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 94.654 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG037667.D

Acq: 31 Oct 2018 00:29

Instrument :

BNA_G

ClientSampleId :

HR-05-102618-A

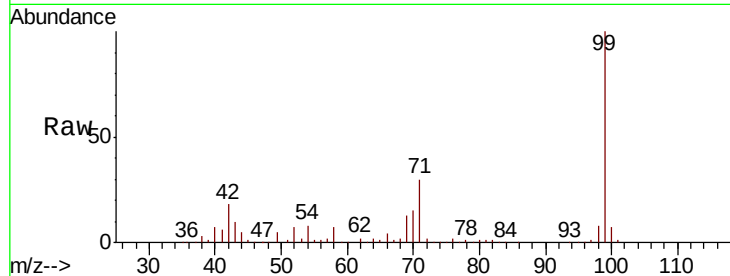
Tgt Ion: 99 Resp: 535119

Ion Ratio Lower Upper

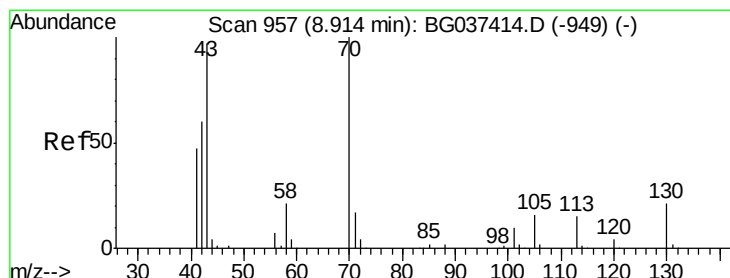
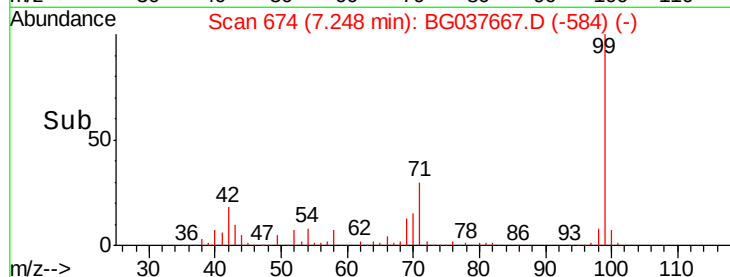
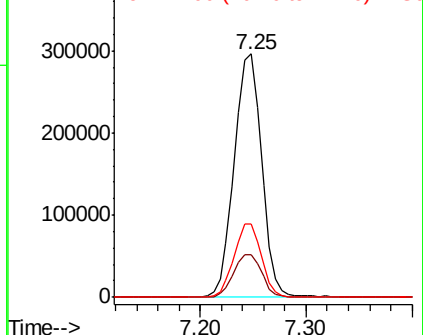
99 100

42 17.7 15.0 22.4

71 30.3 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: 13.094 ng

RT: 9.27 min Scan# 1019

Delta R.T. 0.36 min

Lab File: BG037667.D

Acq: 31 Oct 2018 00:29

Tgt Ion: 70 Resp: 50974

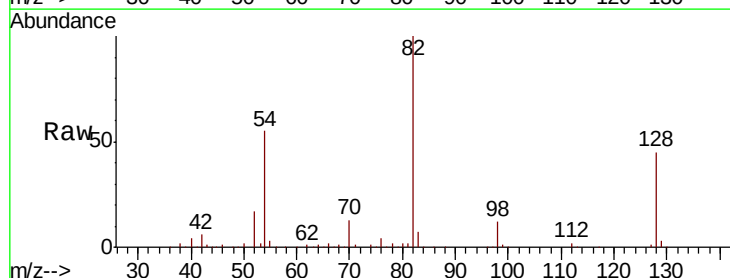
Ion Ratio Lower Upper

70 100

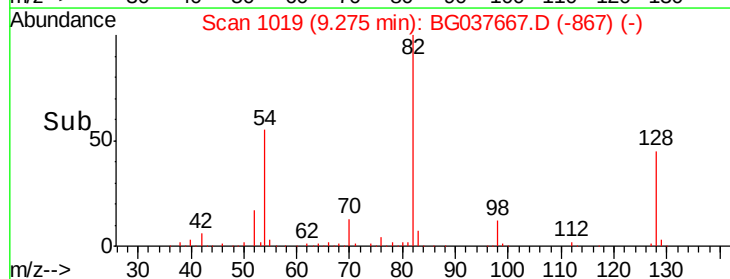
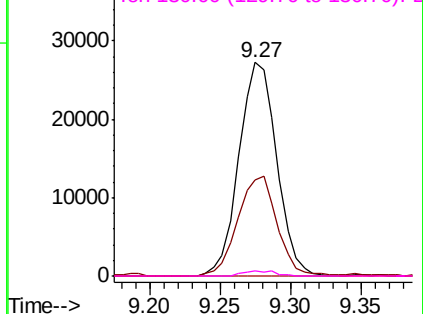
42 44.9 53.9 80.9#

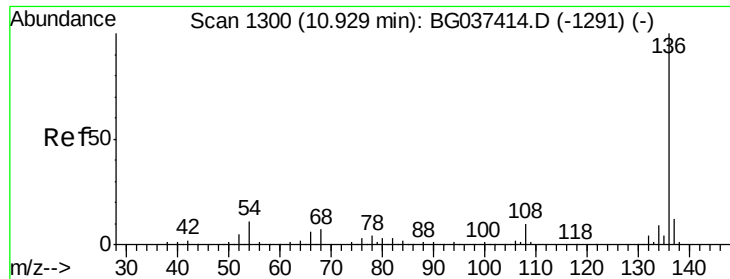
101 0.0 8.2 12.2#

130 2.1 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

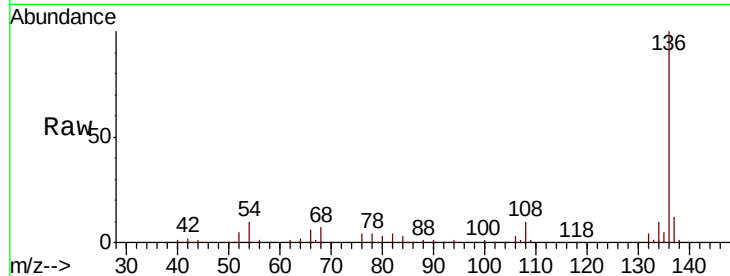




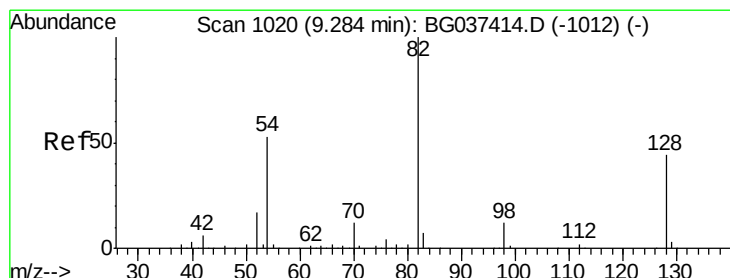
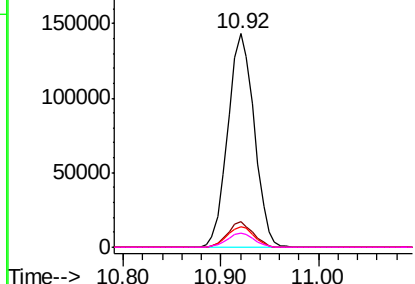
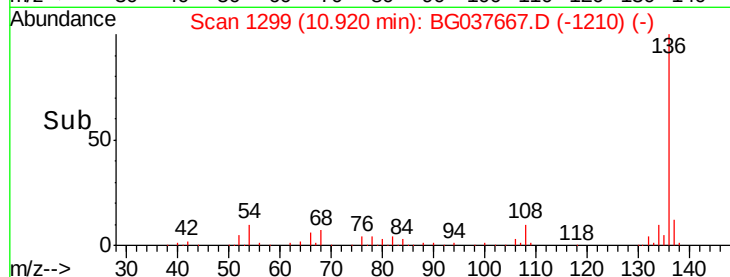
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG037667.D
Acq: 31 Oct 2018 00:29

Instrument :
BNA_G
ClientSampleId :
HR-05-102618-A

Tgt Ion: 136 Resp: 268548
Ion Ratio Lower Upper
136 100
137 12.0 9.6 14.4
54 9.8 7.9 11.9
68 6.5 4.8 7.2

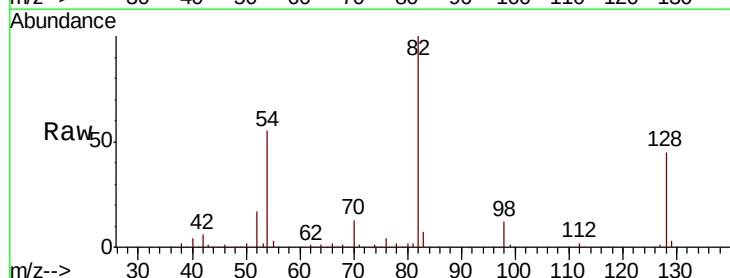


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

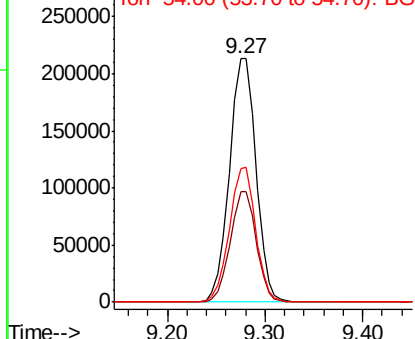
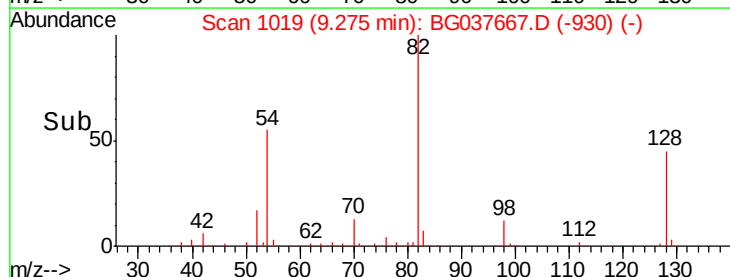


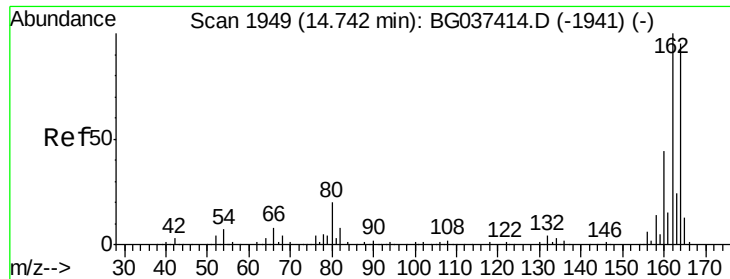
#23
Nitrobenzene-d5
Concen: 84.393 ng
RT: 9.27 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG037667.D
Acq: 31 Oct 2018 00:29

Tgt Ion: 82 Resp: 404570
Ion Ratio Lower Upper
82 100
128 45.4 34.6 51.8
54 55.0 45.3 67.9



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.73 min Scan# 1948

Delta R.T. -0.01 min

Lab File: BG037667.D

Acq: 31 Oct 2018 00:29

Instrument :

BNA_G

ClientSampleId :

HR-05-102618-A

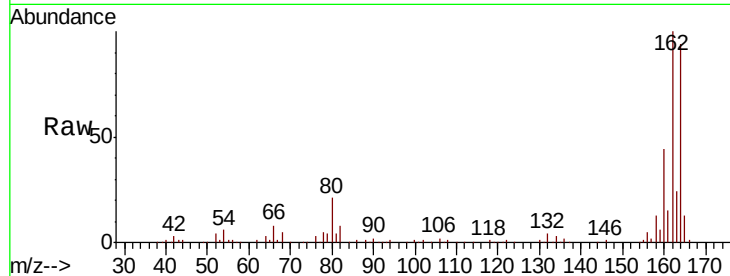
Tgt Ion:164 Resp: 178081

Ion Ratio Lower Upper

164 100

162 106.4 81.3 121.9

160 46.3 36.3 54.5

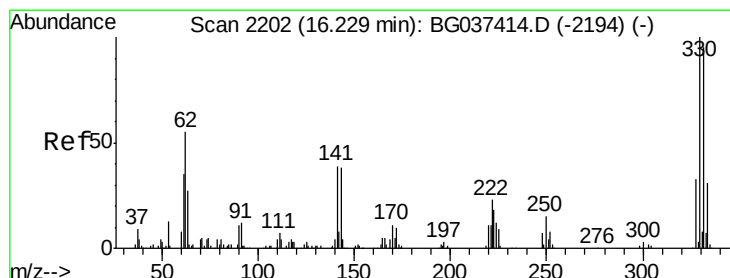
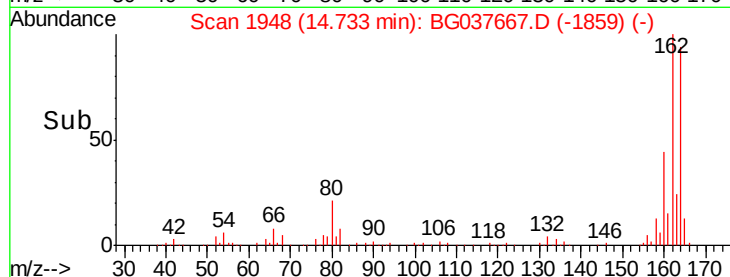
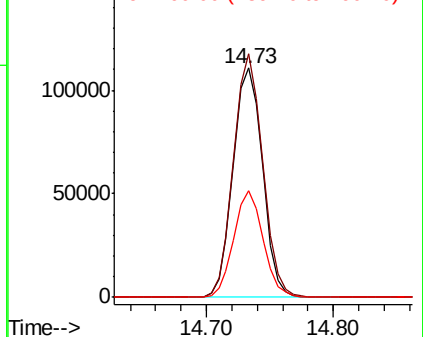


Abundance

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



#42

2,4,6-Tribromophenol

Concen: 121.320 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG037667.D

Acq: 31 Oct 2018 00:29

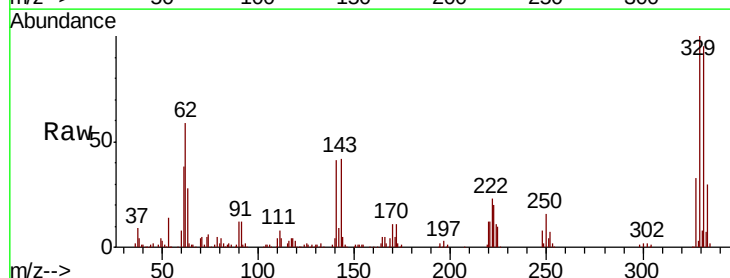
Tgt Ion:330 Resp: 235641

Ion Ratio Lower Upper

330 100

332 95.3 78.4 117.6

141 39.4 32.2 48.2

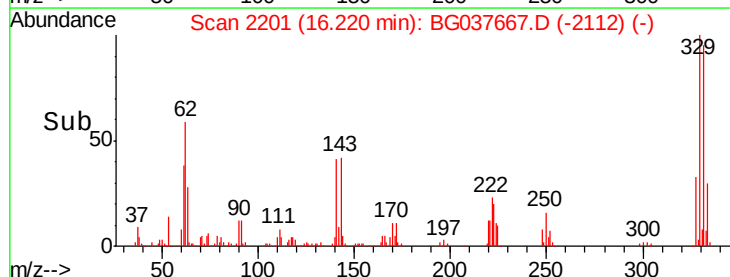
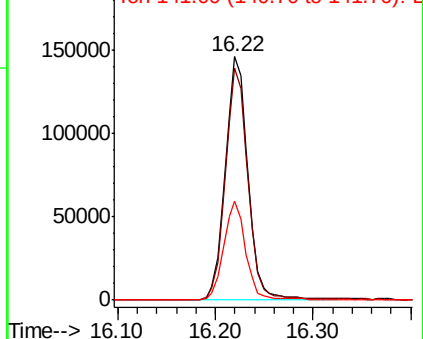


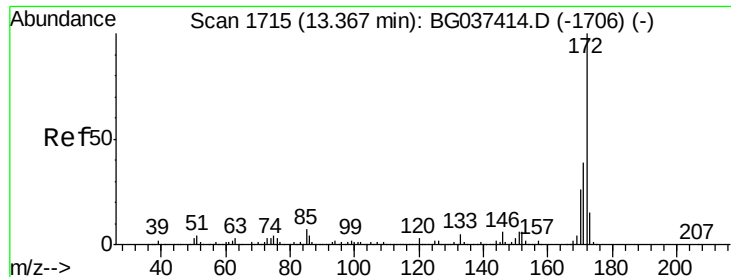
Abundance

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

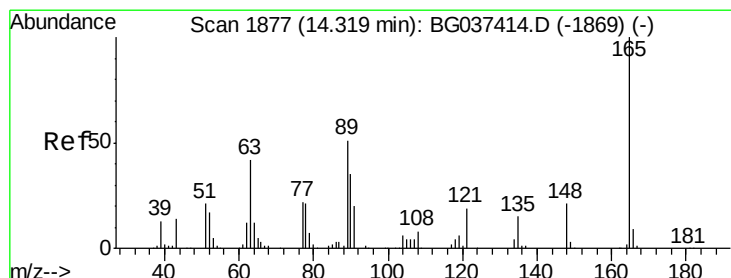
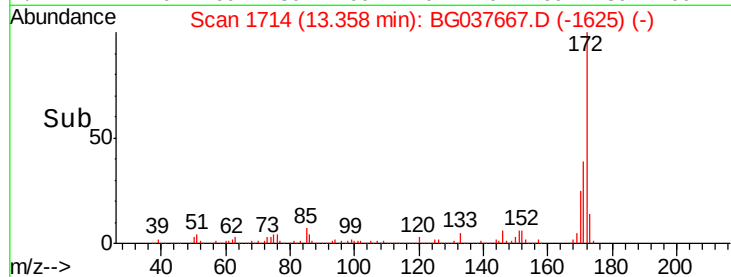
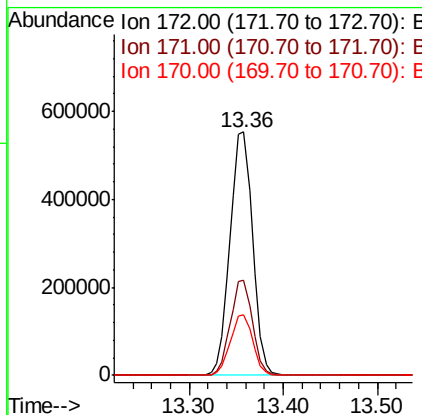
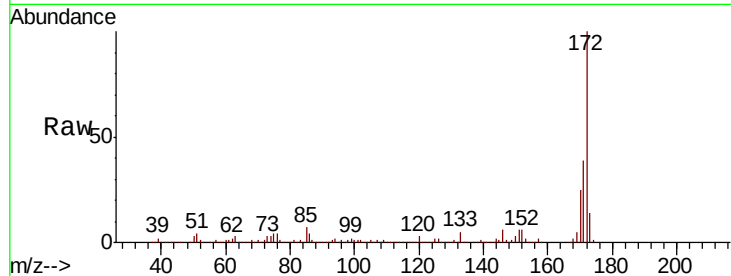




#45
 2-Fluorobiphenyl
 Concen: 78.643 ng
 RT: 13.36 min Scan# 1714
 Delta R.T. -0.01 min
 Lab File: BG037667.D
 Acq: 31 Oct 2018 00:29

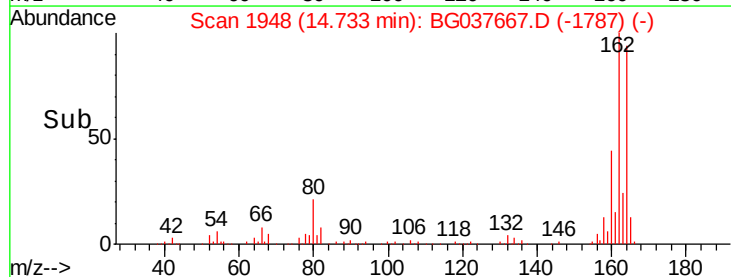
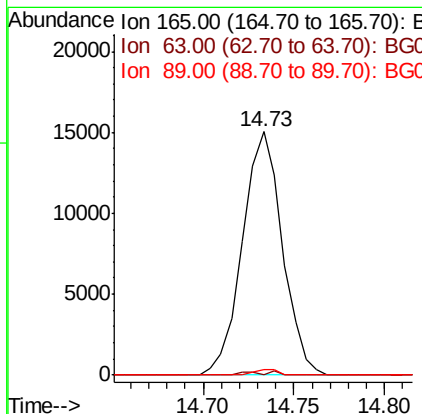
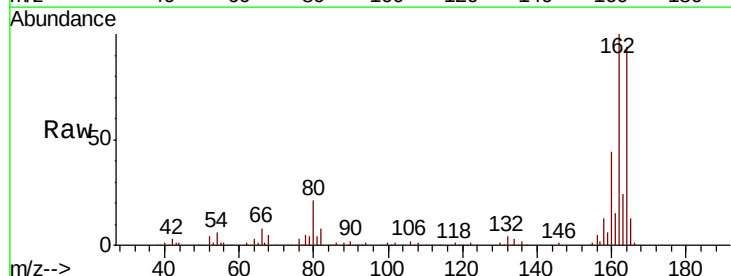
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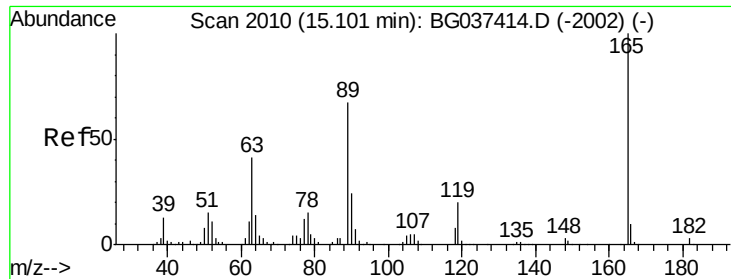
Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.8	31.0	46.4
170	25.0	20.2	30.2



#51
 2,6-Dinitrotoluene
 Concen: 7.544 ng
 RT: 14.73 min Scan# 1948
 Delta R.T. 0.41 min
 Lab File: BG037667.D
 Acq: 31 Oct 2018 00:29

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	43.4	65.2#
89	2.2	45.8	68.6#

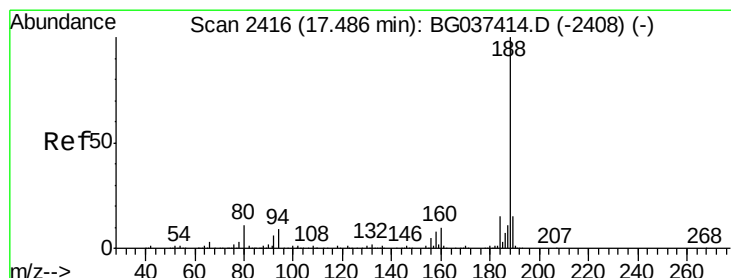
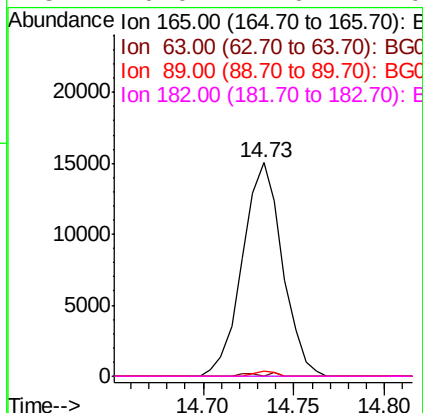
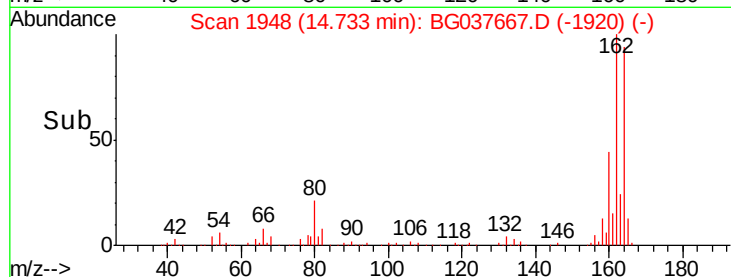
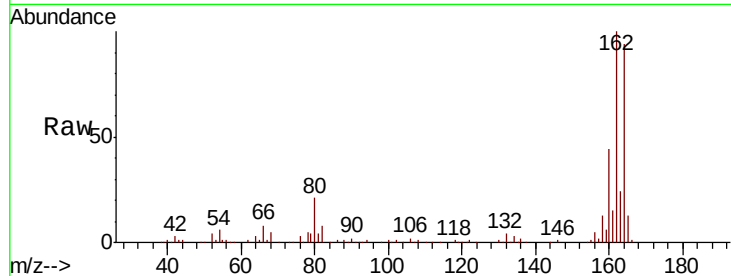




#57
 2,4-Dinitrotoluene
 Concen: 5.747 ng
 RT: 14.73 min Scan# 1948
 Delta R.T. -0.37 min
 Lab File: BG037667.D
 Acq: 31 Oct 2018 00:29

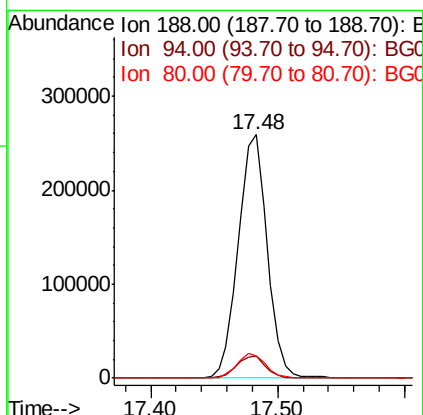
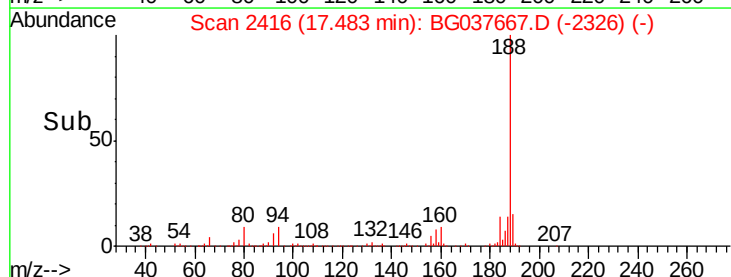
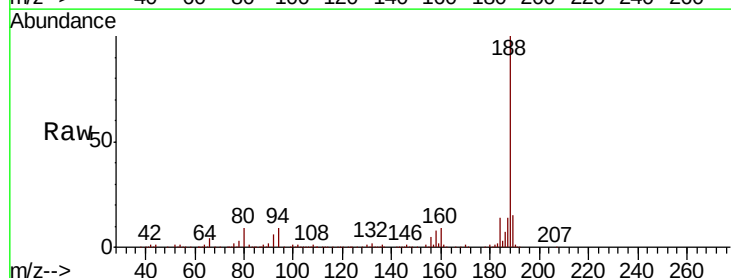
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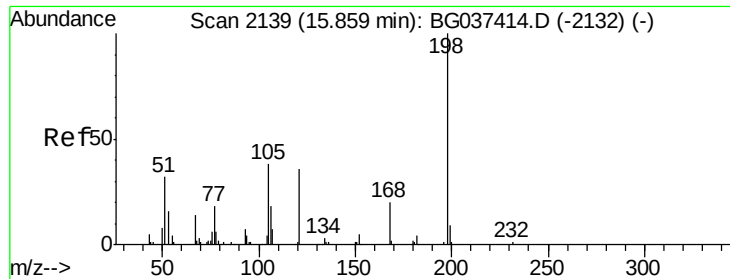
Tgt Ion:	165	Resp:	22992
Ion	Ratio	Lower	Upper
165	100		
63	0.0	33.4	50.0#
89	2.2	57.2	85.8#
182	0.0	2.6	4.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.48 min Scan# 2416
 Delta R.T. -0.00 min
 Lab File: BG037667.D
 Acq: 31 Oct 2018 00:29

Tgt Ion:	188	Resp:	409152
Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.2	10.8
80	9.3	7.7	11.5

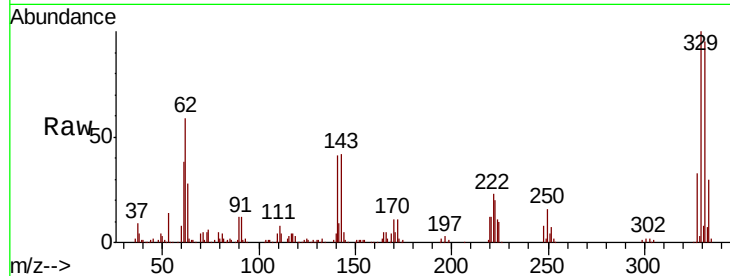




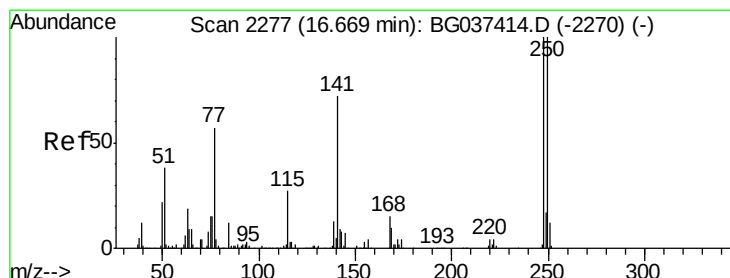
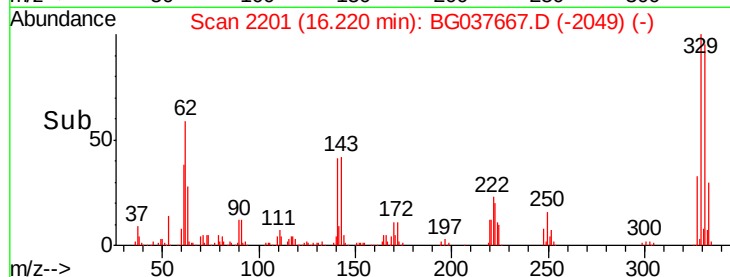
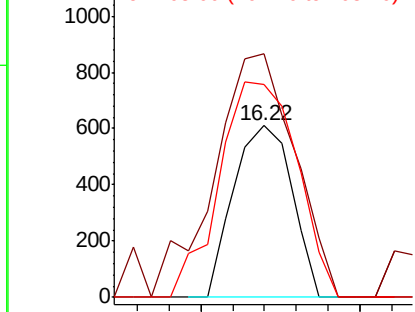
#65
 4,6-Dinitro-2-methylphenol
 Concen: 8.806 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. 0.36 min
 Lab File: BG037667.D
 Acq: 31 Oct 2018 00:29

Instrument :
 BNA_G
 ClientSampleId :
 HR-05-102618-A

Tgt Ion:198 Resp: 780
 Ion Ratio Lower Upper
 198 100
 51 31.7 22.7 62.7
 105 27.7 19.7 59.7

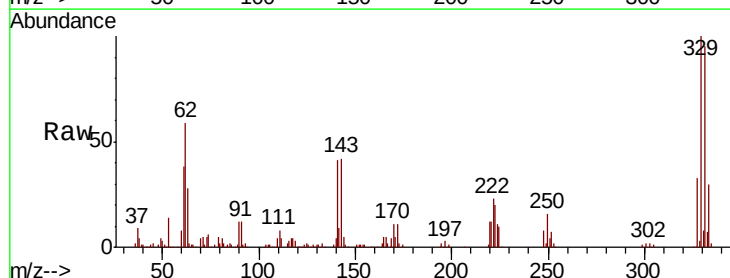


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

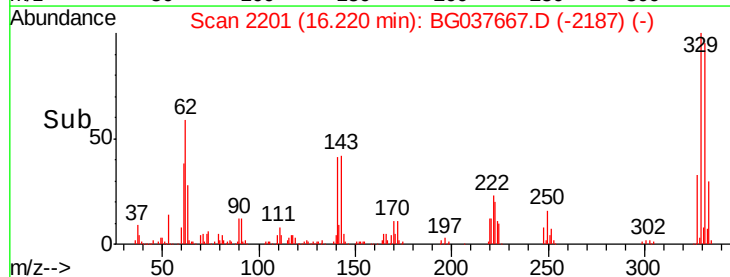
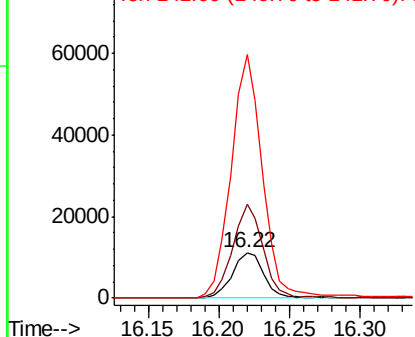


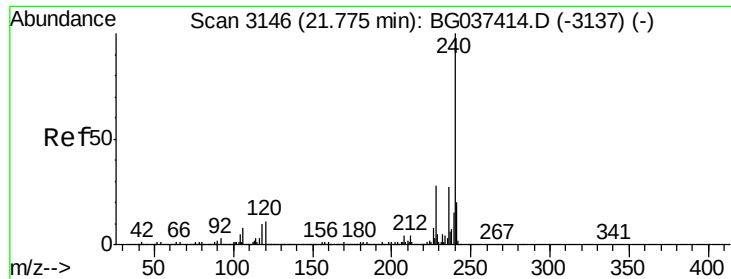
#67
 4-Bromophenyl-phenylether
 Concen: 3.846 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. -0.45 min
 Lab File: BG037667.D
 Acq: 31 Oct 2018 00:29

Tgt Ion:248 Resp: 17281
 Ion Ratio Lower Upper
 248 100
 250 200.3 77.0 115.6#
 141 416.6 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

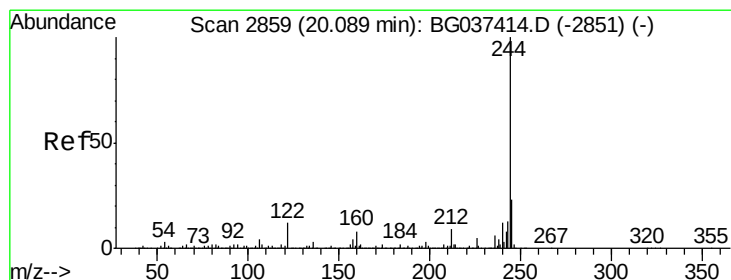
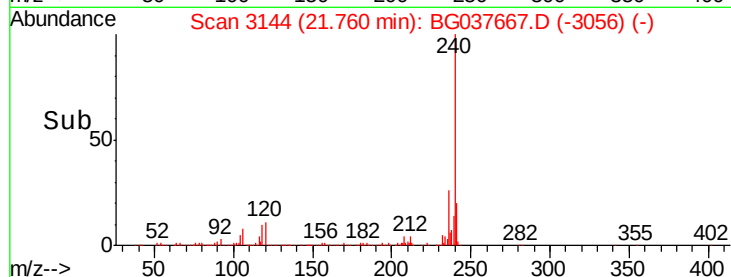
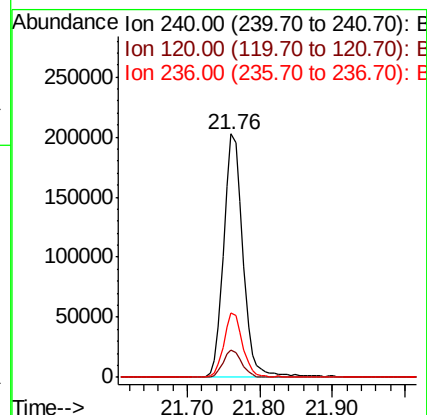
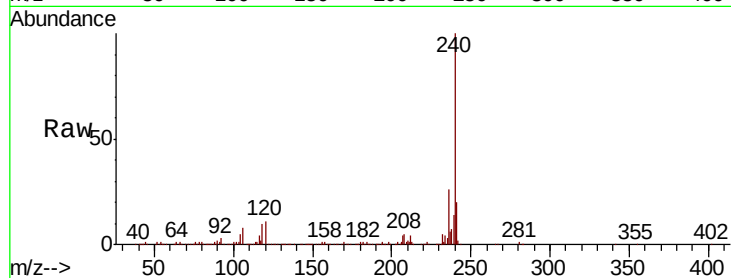




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3144
Delta R.T. -0.02 min
Lab File: BG037667.D
Acq: 31 Oct 2018 00:29

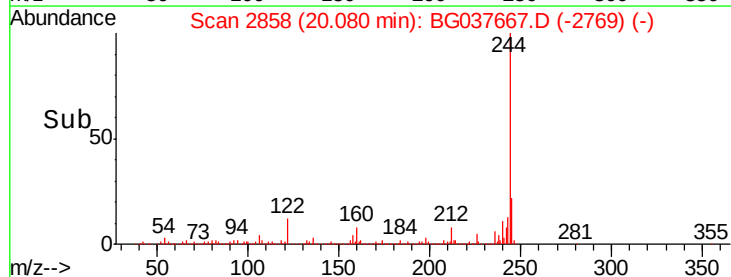
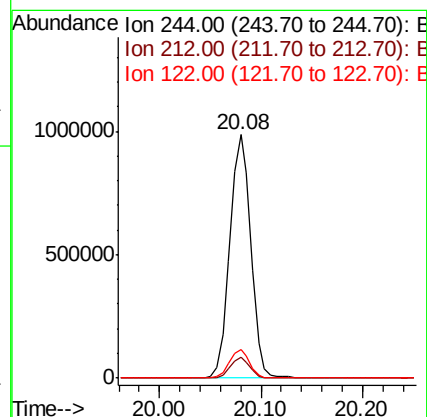
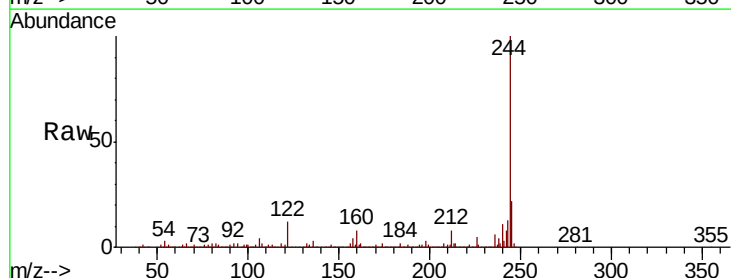
Instrument :
BNA_G
ClientSampleId :
HR-05-102618-A

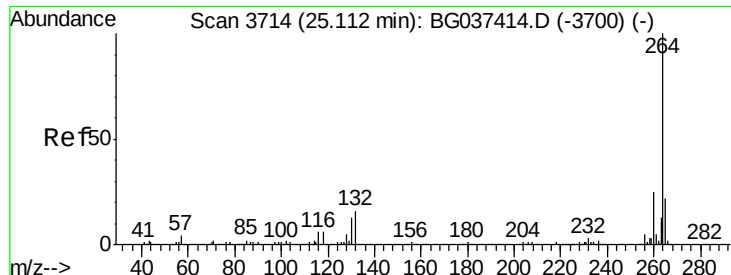
Tgt Ion:240 Resp: 376678
Ion Ratio Lower Upper
240 100
120 11.5 8.1 12.1
236 26.3 21.4 32.0



#79
Terphenyl-d14
Concen: 80.408 ng
RT: 20.08 min Scan# 2858
Delta R.T. -0.01 min
Lab File: BG037667.D
Acq: 31 Oct 2018 00:29

Tgt Ion:244 Resp: 1417469
Ion Ratio Lower Upper
244 100
212 8.5 6.5 9.7
122 11.5 9.0 13.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.10 min Scan# 3713
Delta R.T. -0.01 min
Lab File: BG037667.D
Acq: 31 Oct 2018 00:29

Instrument :
BNA_G
ClientSampleId :
HR-05-102618-A

Tgt Ion:	264	Resp:	350550
Ion	Ratio	Lower	Upper
264	100		
260	22.4	18.2	27.4
265	20.5	17.9	26.9

