

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG103018\
 Data File : BG037666.D
 Acq On : 30 Oct 2018 23:49
 Operator : JU/SJ
 Sample : PB114303TB
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB114303TB

Quant Time: Oct 31 08:03:22 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	48867	20.00	ng	-0.01
21) Naphthalene-d8	10.92	136	214237	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	147579	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	360866	20.00	ng	0.00
76) Chrysene-d12	21.76	240	329405	20.00	ng	-0.01
87) Perylene-d12	25.09	264	295398	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.64	112	353945	121.09	ng	0.00
7) Phenol-d6	7.24	99	514489	116.40	ng	0.00
23) Nitrobenzene-d5	9.28	82	292685	76.53	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	182399	113.32	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	747927	76.42	ng	-0.01
79) Terphenyl-d14	20.08	244	1169057	75.83	ng	-0.01

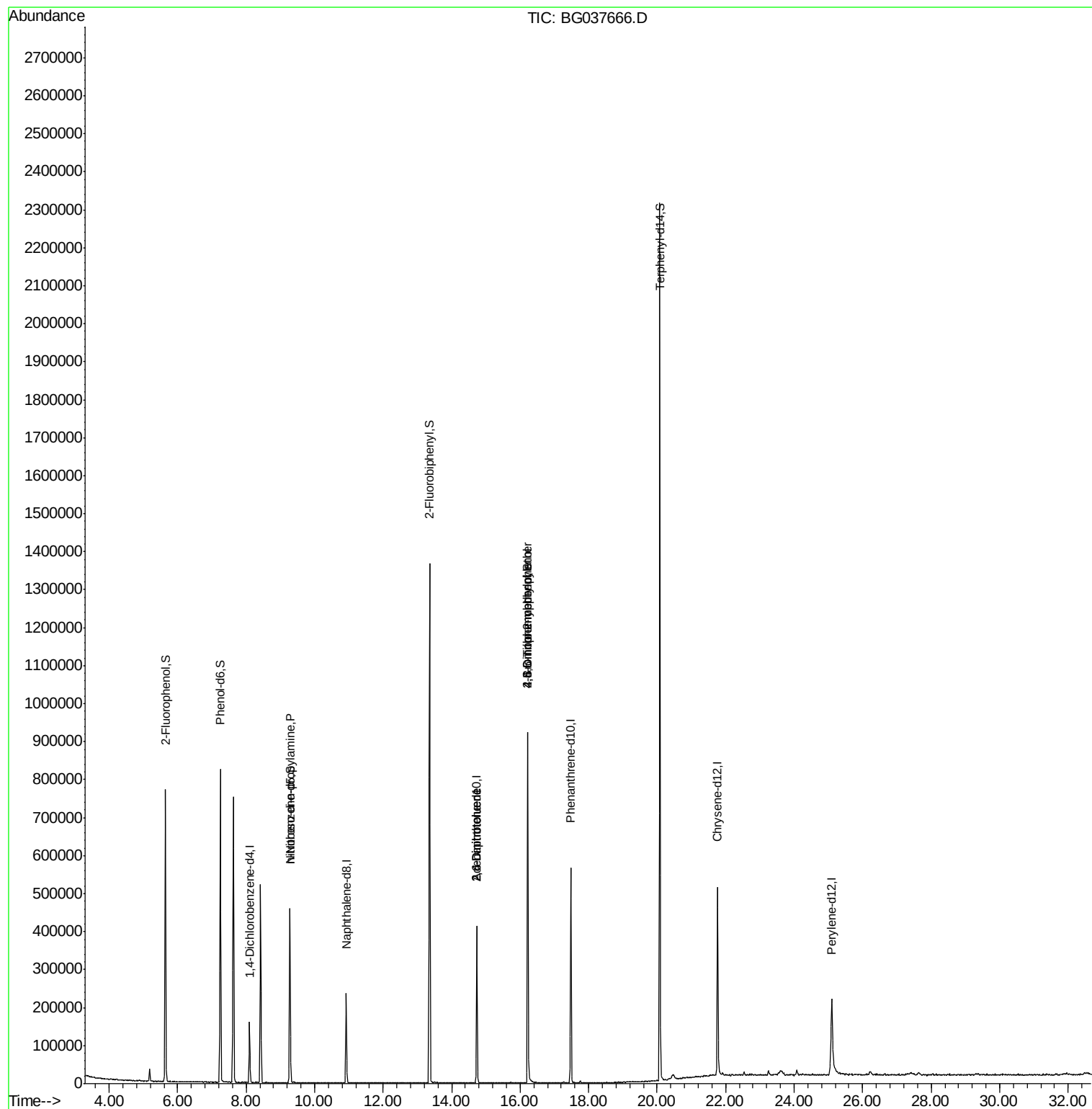
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	9.28	70	36395	11.958	ng	# 69
51) 2,6-Dinitrotoluene	14.74	165	19061	7.547	ng	# 25
57) 2,4-Dinitrotoluene	14.74	165	19061	5.749	ng	# 24
65) 4,6-Dinitro-2-methylphenol	16.21	198	221	8.604	ng	85
67) 4-Bromophenyl-phenylether	16.22	248	12341	3.114	ng	# 1

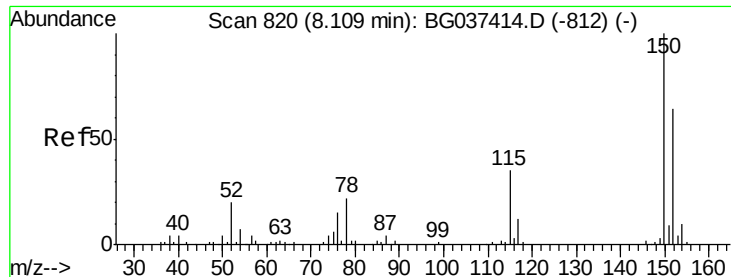
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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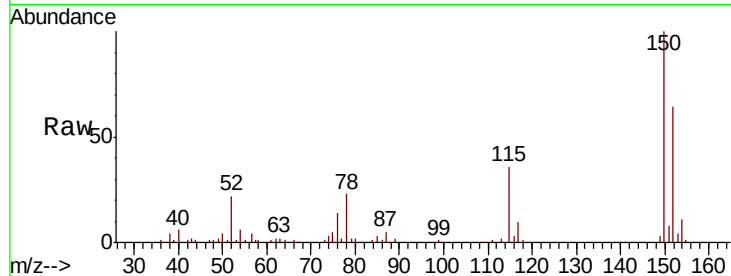




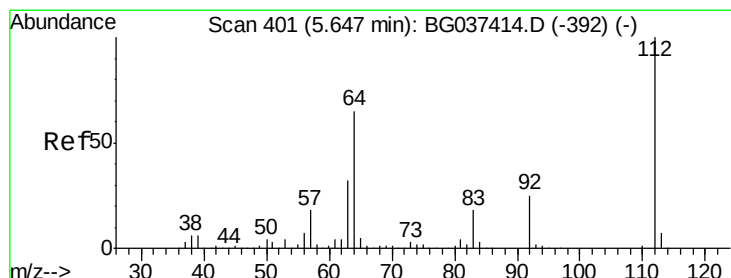
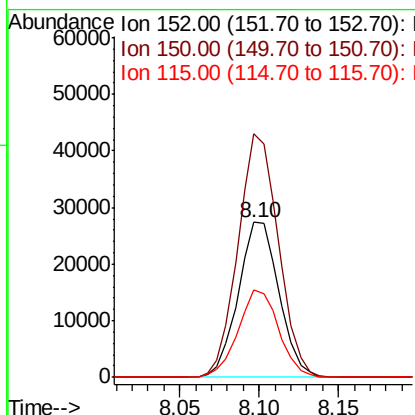
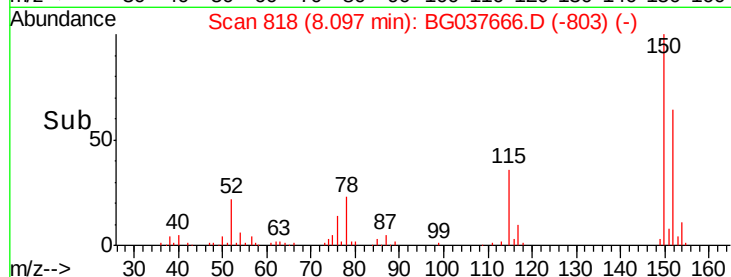
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.10 min Scan# 818
 Delta R.T. -0.01 min
 Lab File: BG037666.D
 Acq: 30 Oct 2018 23:49

Instrument :
 BNA_G
 ClientSampleId :
 PB114303TB

Tgt Ion:152 Resp: 48867
 Ion Ratio Lower Upper
 152 100
 150 157.3 126.0 189.0
 115 56.5 45.5 68.3

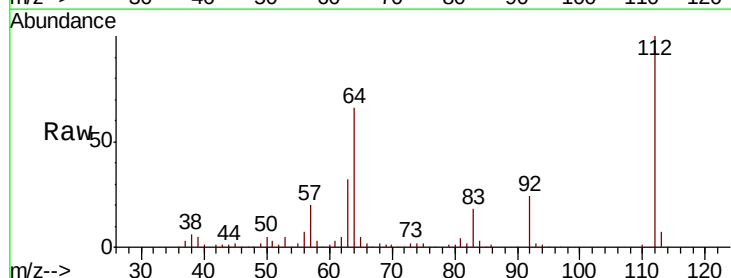


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

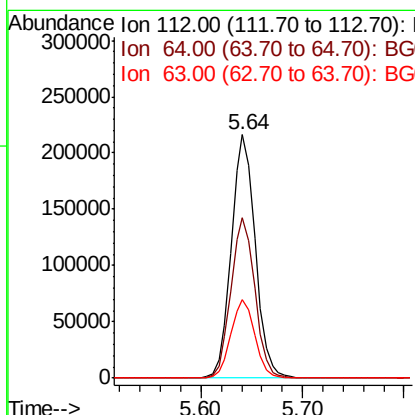
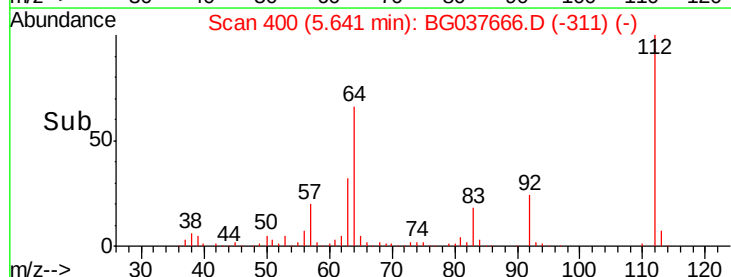


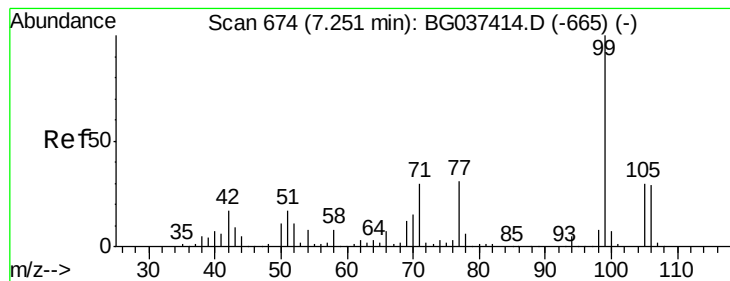
#5
 2-Fluorophenol
 Concen: 121.093 ng
 RT: 5.64 min Scan# 400
 Delta R.T. -0.01 min
 Lab File: BG037666.D
 Acq: 30 Oct 2018 23:49

Tgt Ion:112 Resp: 353945
 Ion Ratio Lower Upper
 112 100
 64 65.8 53.1 79.7
 63 32.3 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: 116.405 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037666.D

Acq: 30 Oct 2018 23:49

Instrument :

BNA_G

ClientSampleId :

PB114303TB

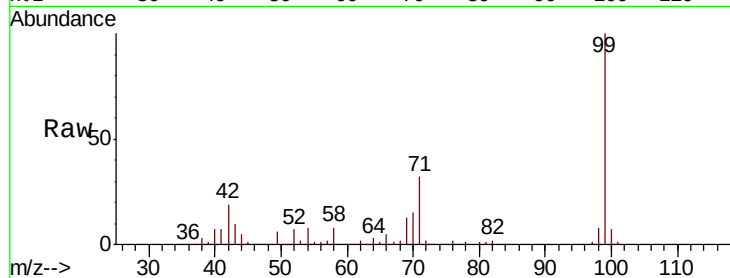
Tgt Ion: 99 Resp: 514489

Ion Ratio Lower Upper

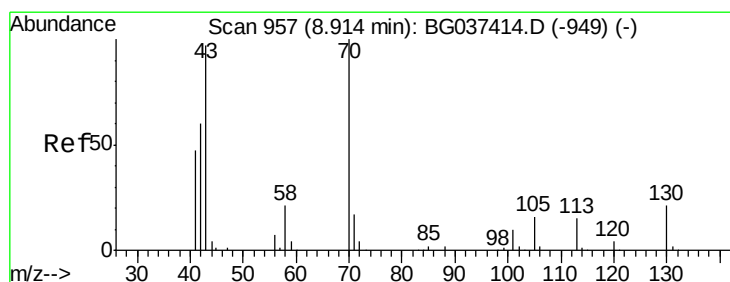
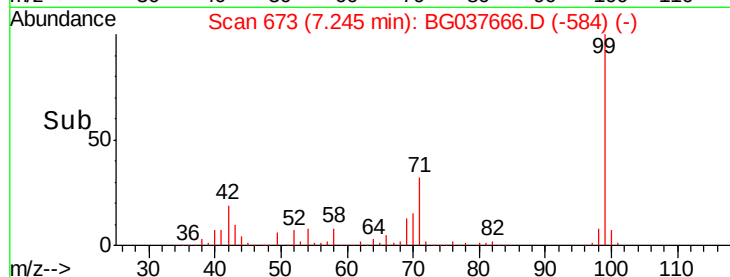
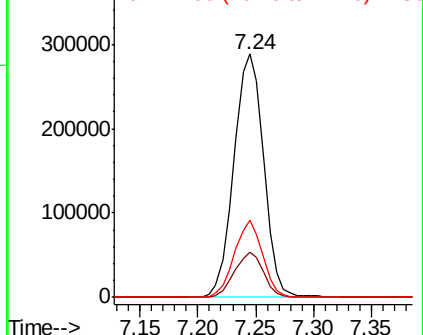
99 100

42 18.6 15.0 22.4

71 31.7 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: 11.958 ng

RT: 9.28 min Scan# 1019

Delta R.T. 0.36 min

Lab File: BG037666.D

Acq: 30 Oct 2018 23:49

Tgt Ion: 70 Resp: 36395

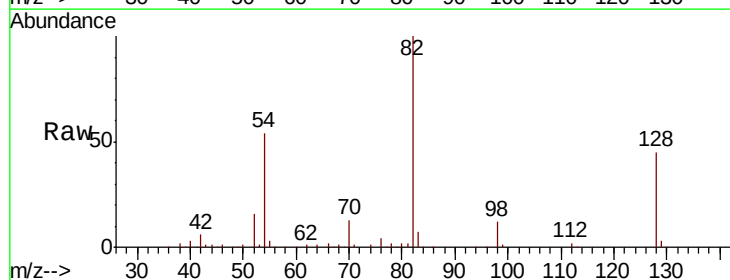
Ion Ratio Lower Upper

70 100

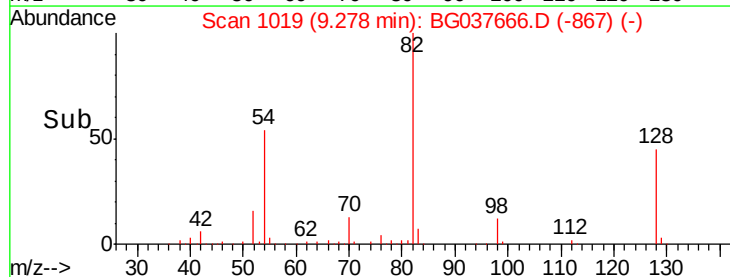
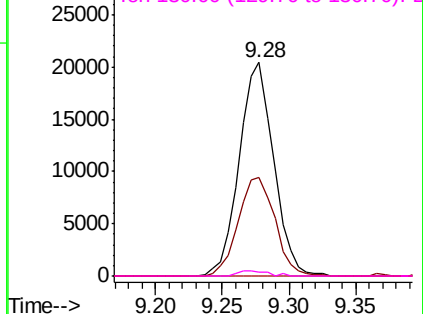
42 46.0 53.9 80.9#

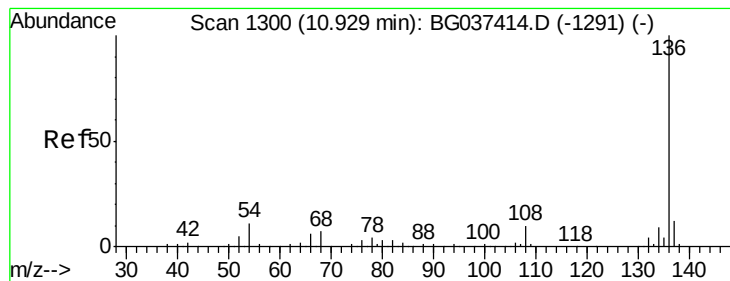
101 0.0 8.2 12.2#

130 1.8 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: BG037666.D

Acq: 30 Oct 2018 23:49

Instrument :

BNA_G

ClientSampleId :

PB114303TB

Tgt Ion: 136 Resp: 214237

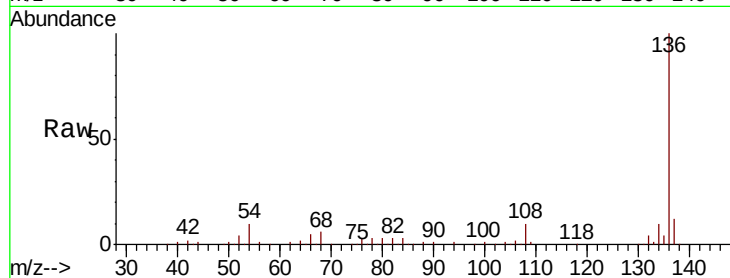
Ion Ratio Lower Upper

136 100

137 11.6 9.6 14.4

54 9.8 7.9 11.9

68 5.8 4.8 7.2

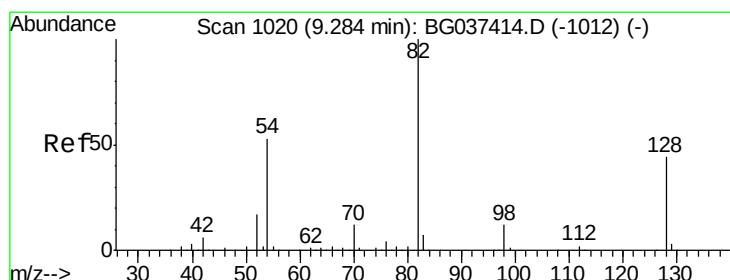
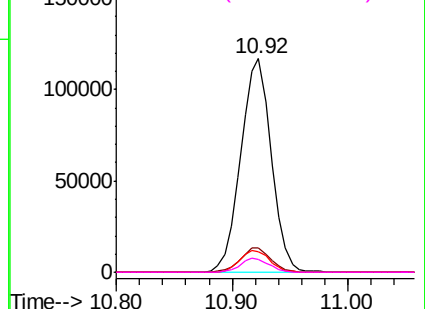
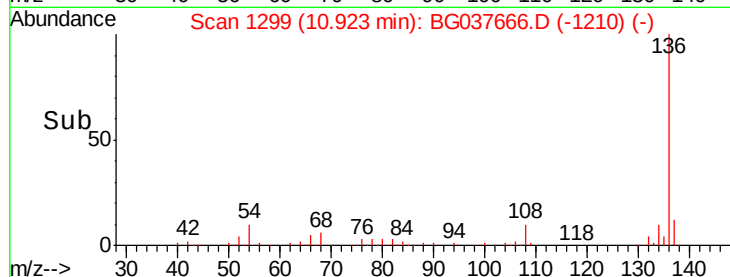


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BG

Ion 68.00 (67.70 to 68.70): BG



#23

Nitrobenzene-d5

Concen: 76.532 ng

RT: 9.28 min Scan# 1019

Delta R.T. -0.01 min

Lab File: BG037666.D

Acq: 30 Oct 2018 23:49

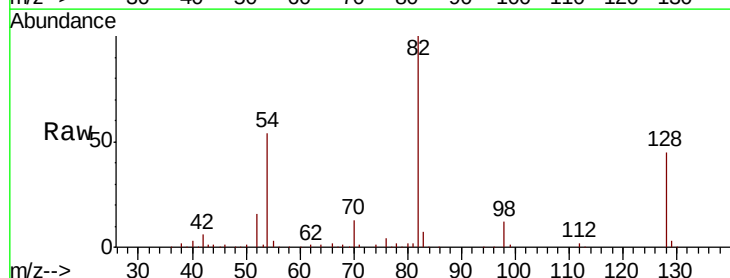
Tgt Ion: 82 Resp: 292685

Ion Ratio Lower Upper

82 100

128 44.6 34.6 51.8

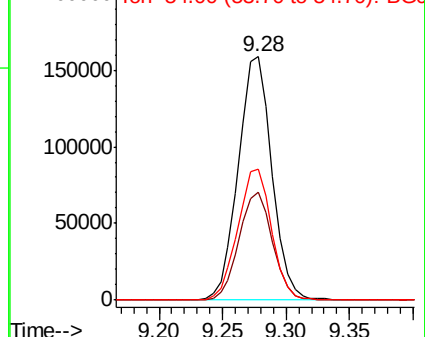
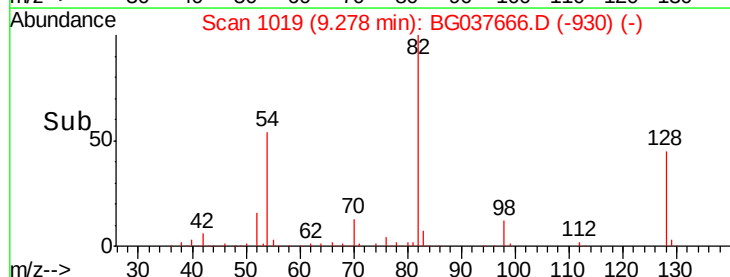
54 53.6 45.3 67.9

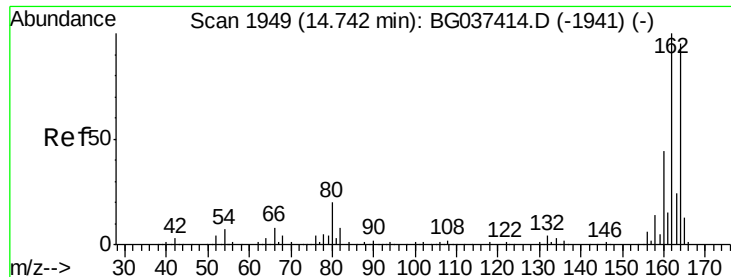


Abundance Ion 82.00 (81.70 to 82.70): BG

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BG





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.74 min Scan# 1948

Delta R.T. -0.01 min

Lab File: BG037666.D

Acq: 30 Oct 2018 23:49

Instrument :

BNA_G

ClientSampleId :

PB114303TB

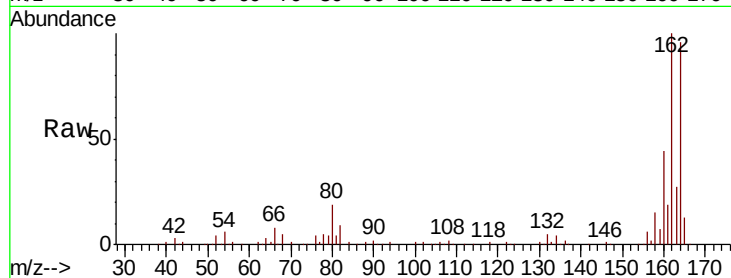
Tgt Ion:164 Resp: 147579

Ion Ratio Lower Upper

164 100

162 104.4 81.3 121.9

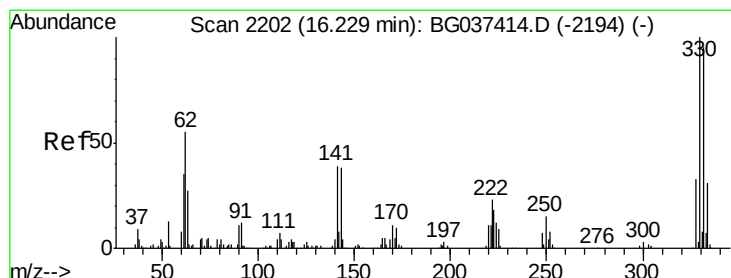
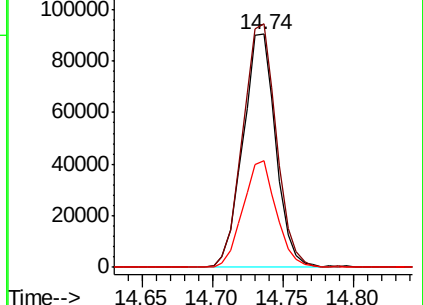
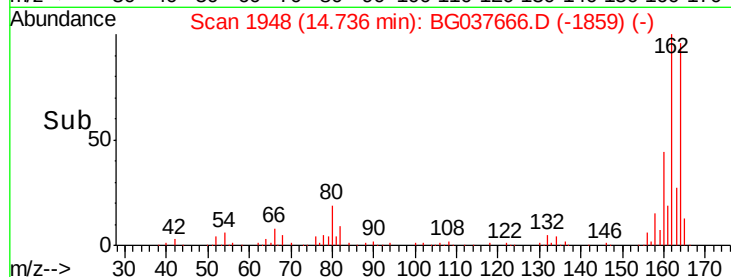
160 46.0 36.3 54.5



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: 113.317 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG037666.D

Acq: 30 Oct 2018 23:49

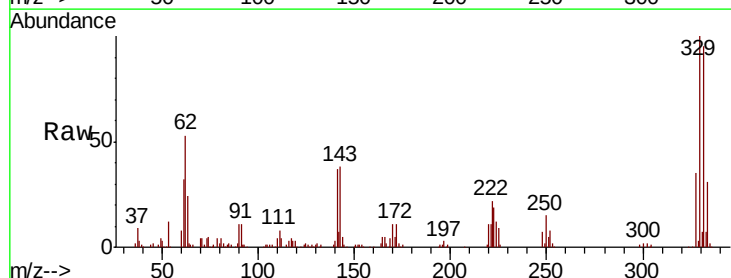
Tgt Ion:330 Resp: 182399

Ion Ratio Lower Upper

330 100

332 96.1 78.4 117.6

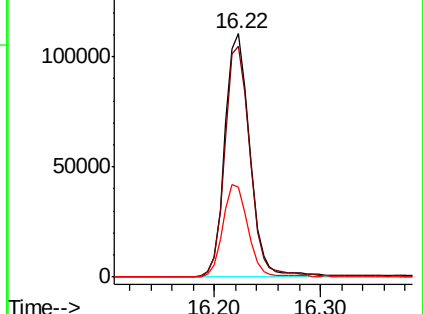
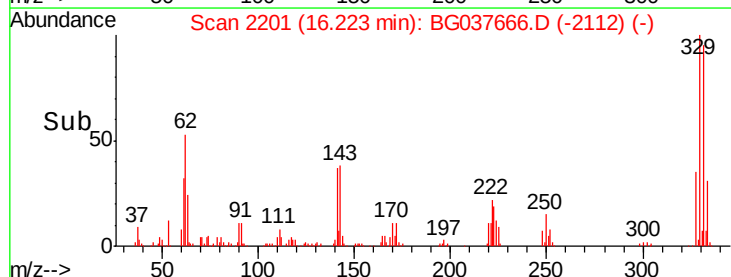
141 38.6 32.2 48.2

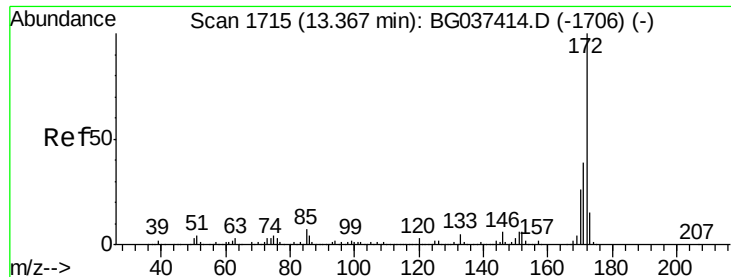


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

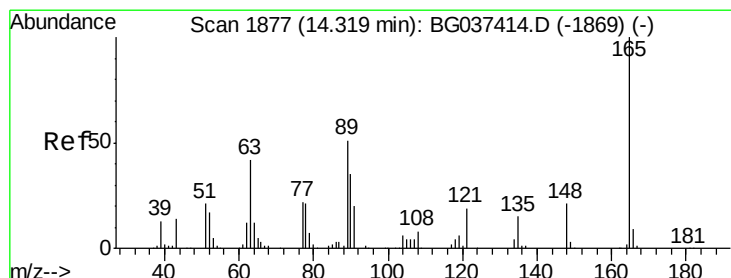
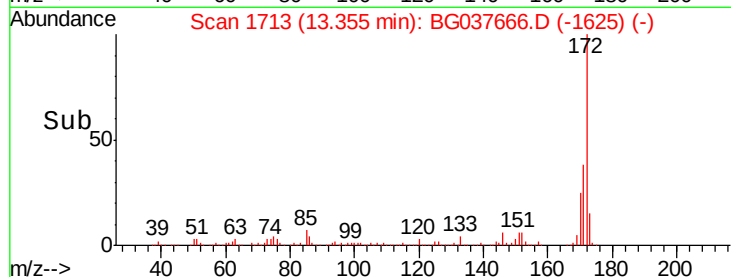
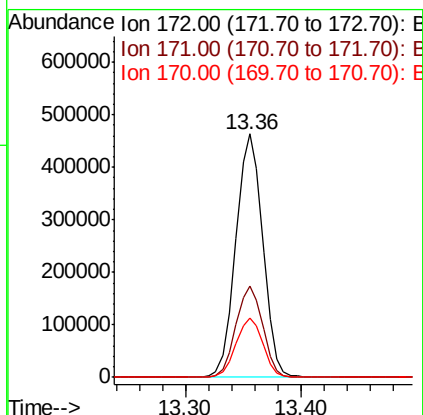
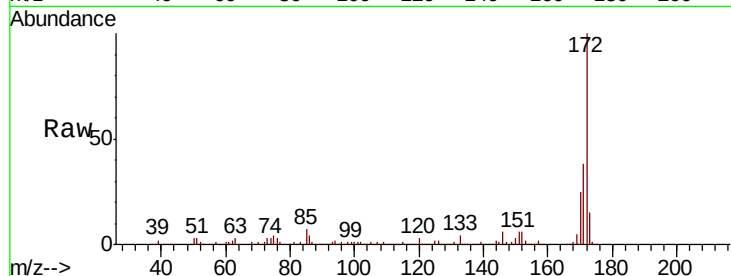




#45
 2-Fluorobiphenyl
 Concen: 76.422 ng
 RT: 13.36 min Scan# 1713
 Delta R.T. -0.01 min
 Lab File: BG037666.D
 Acq: 30 Oct 2018 23:49

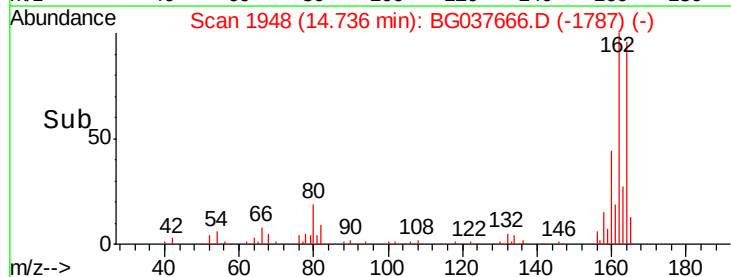
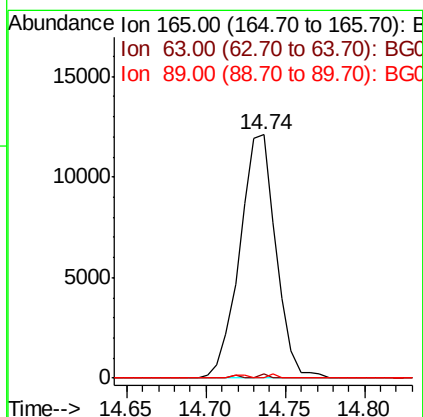
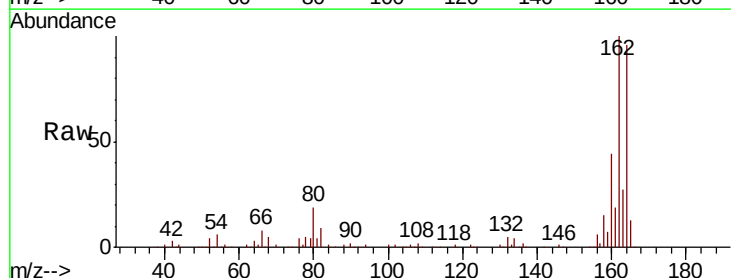
Instrument :
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 PB114303TB

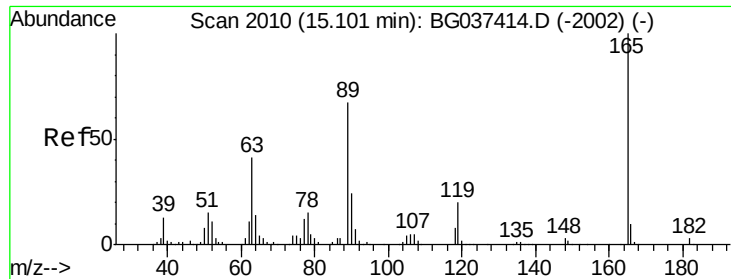
Tgt Ion:172 Resp: 747927
 Ion Ratio Lower Upper
 172 100
 171 37.6 31.0 46.4
 170 24.5 20.2 30.2



#51
 2,6-Dinitrotoluene
 Concen: 7.547 ng
 RT: 14.74 min Scan# 1948
 Delta R.T. 0.42 min
 Lab File: BG037666.D
 Acq: 30 Oct 2018 23:49

Tgt Ion:165 Resp: 19061
 Ion Ratio Lower Upper
 165 100
 63 1.9 43.4 65.2#
 89 0.0 45.8 68.6#

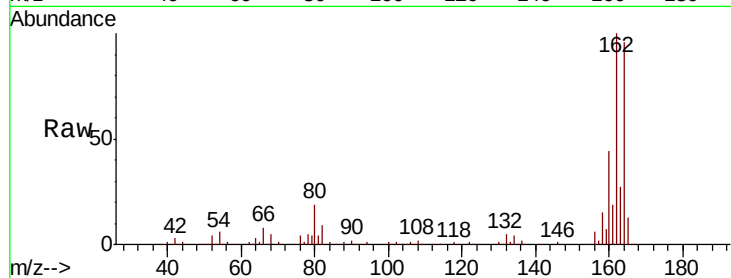




#57
 2,4-Dinitrotoluene
 Concen: 5.749 ng
 RT: 14.74 min Scan# 1948
 Delta R.T. -0.36 min
 Lab File: BG037666.D
 Acq: 30 Oct 2018 23:49

Instrument :
 BNA_G
 ClientSampleId :
 PB114303TB

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.9	33.4	50.0#
89	0.0	57.2	85.8#
182	0.0	2.6	4.0#

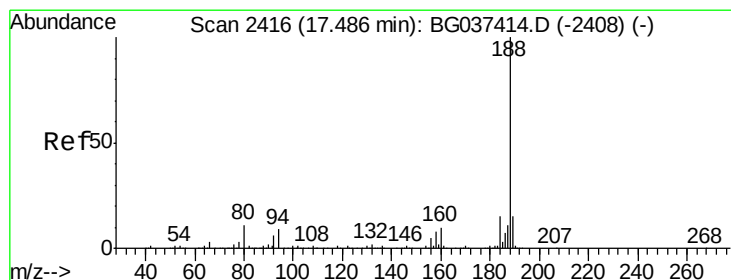
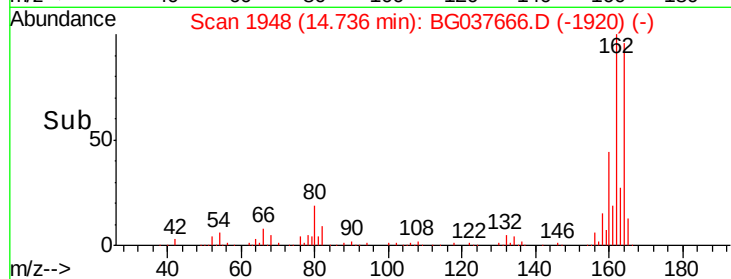
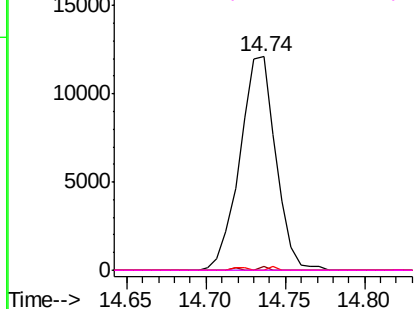


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

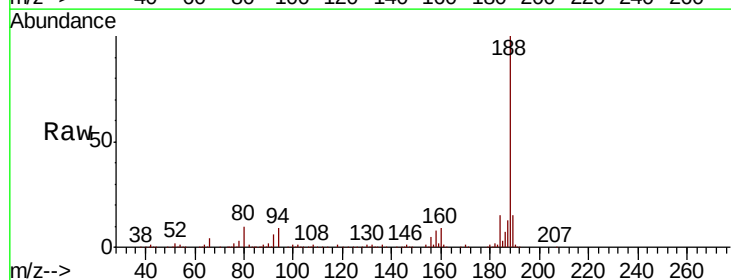
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.48 min Scan# 2415
 Delta R.T. -0.01 min
 Lab File: BG037666.D
 Acq: 30 Oct 2018 23:49

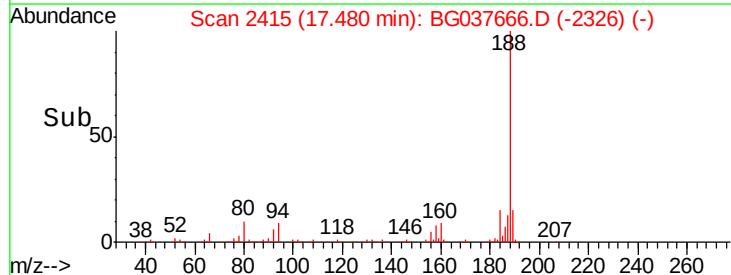
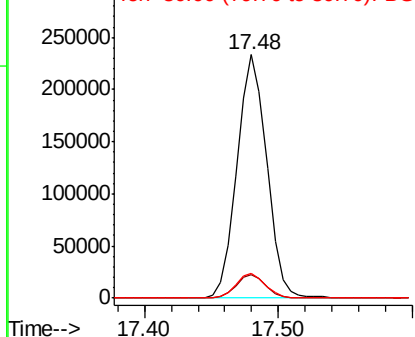
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.5	7.2	10.8
80	10.0	7.7	11.5

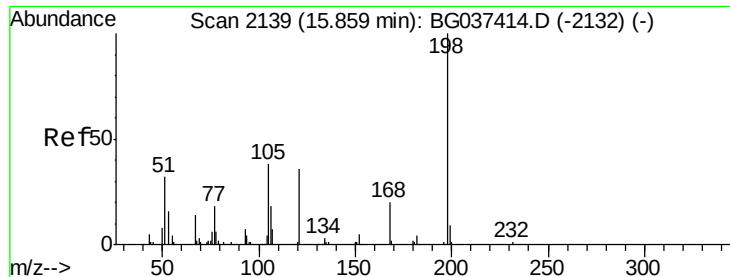


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

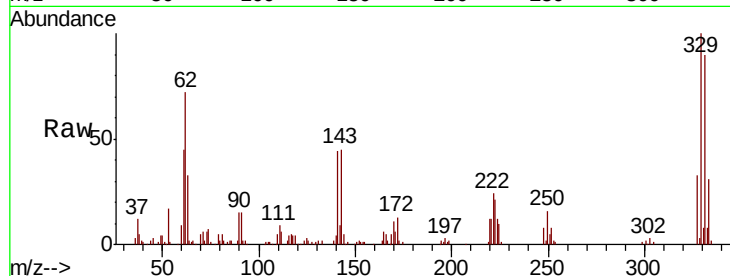




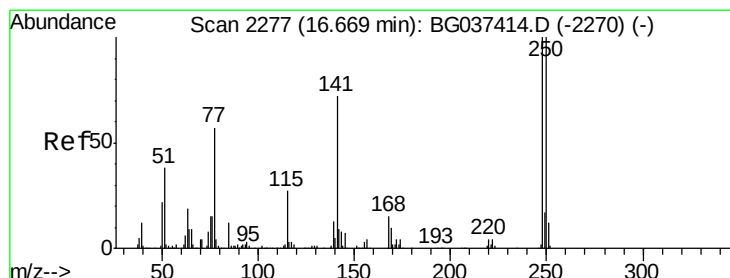
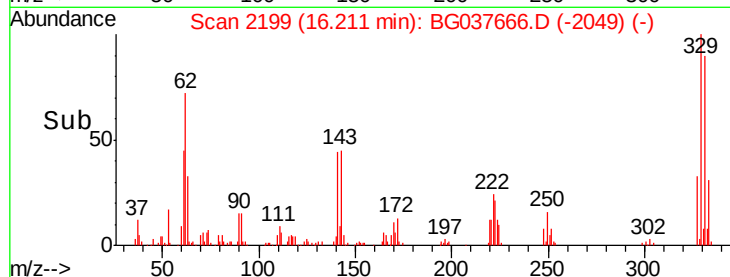
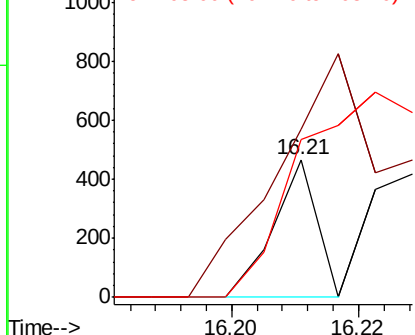
#65
 4,6-Dinitro-2-methylphenol
 Concen: 8.604 ng
 RT: 16.21 min Scan# 2199
 Delta R.T. 0.35 min
 Lab File: BG037666.D
 Acq: 30 Oct 2018 23:49

Instrument :
 BNA_G
 ClientSampleId :
 PB114303TB

Tgt Ion:198 Resp: 221
 Ion Ratio Lower Upper
 198 100
 51 32.6 22.7 62.7
 105 30.6 19.7 59.7

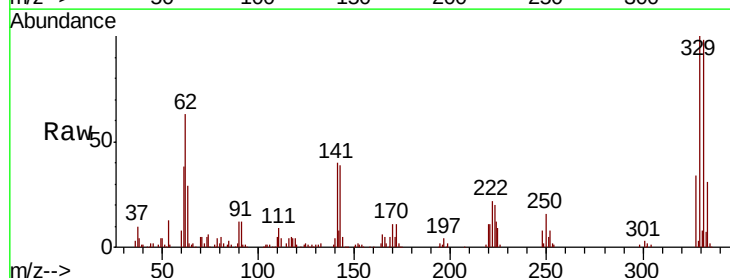


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

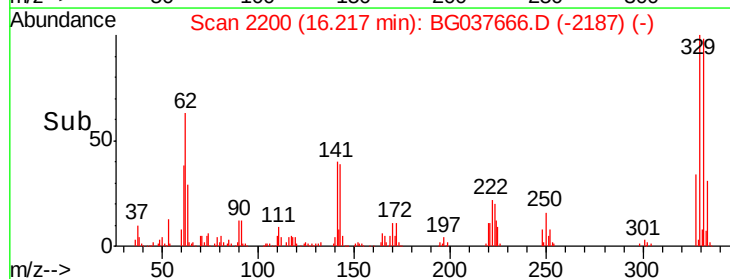
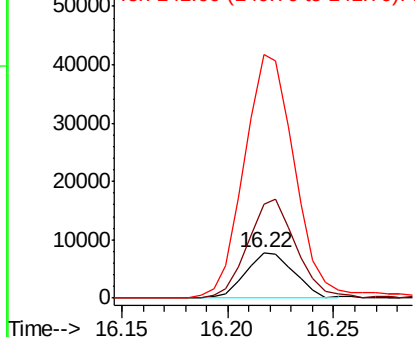


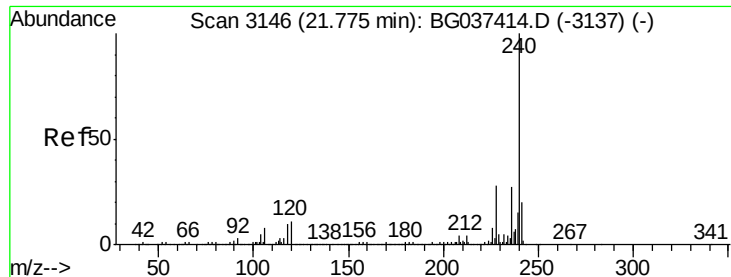
#67
 4-Bromophenyl-phenylether
 Concen: 3.114 ng
 RT: 16.22 min Scan# 2200
 Delta R.T. -0.45 min
 Lab File: BG037666.D
 Acq: 30 Oct 2018 23:49

Tgt Ion:248 Resp: 12341
 Ion Ratio Lower Upper
 248 100
 250 205.8 77.0 115.6#
 141 407.2 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

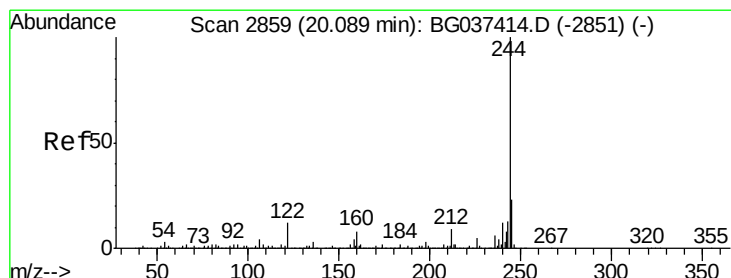
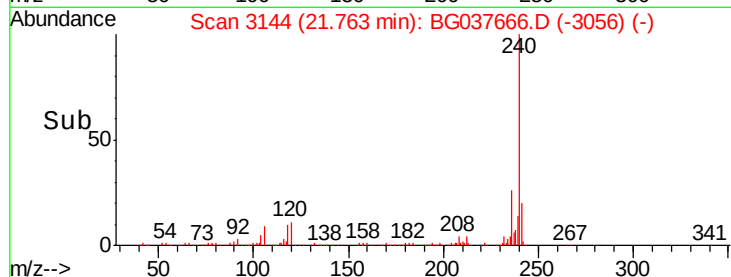
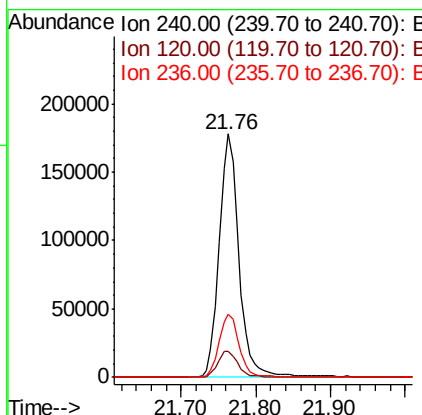
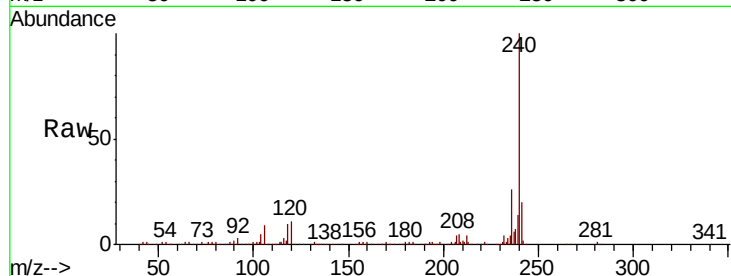




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3144
Delta R.T. -0.01 min
Lab File: BG037666.D
Acq: 30 Oct 2018 23:49

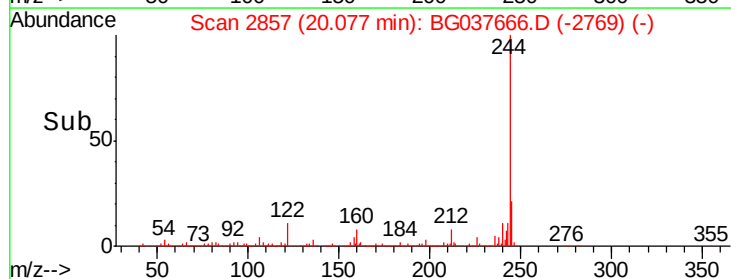
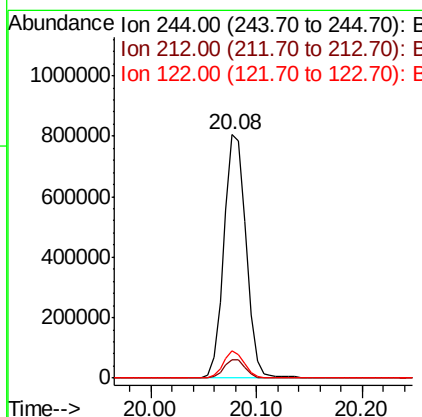
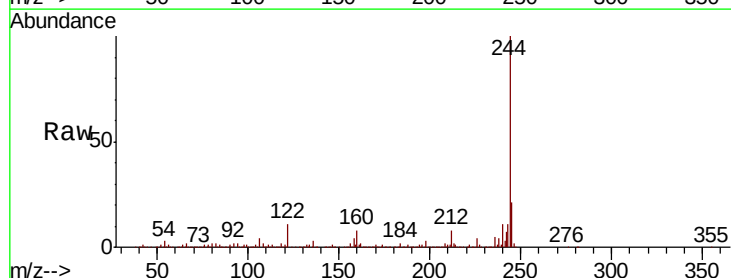
Instrument :
BNA_G
ClientSampleId :
PB114303TB

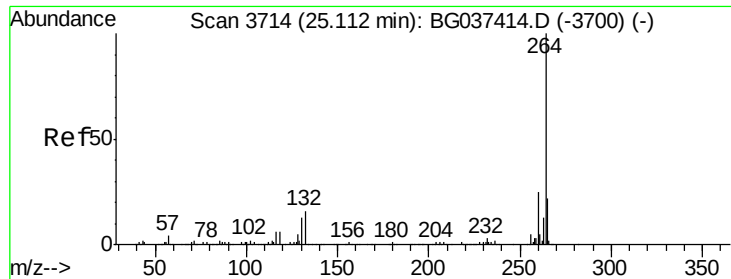
Tgt Ion:240 Resp: 329405
Ion Ratio Lower Upper
240 100
120 10.7 8.1 12.1
236 26.1 21.4 32.0



#79
Terphenyl-d14
Concen: 75.834 ng
RT: 20.08 min Scan# 2857
Delta R.T. -0.01 min
Lab File: BG037666.D
Acq: 30 Oct 2018 23:49

Tgt Ion:244 Resp: 1169057
Ion Ratio Lower Upper
244 100
212 7.7 6.5 9.7
122 11.4 9.0 13.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.09 min Scan# 3711
Delta R.T. -0.02 min
Lab File: BG037666.D
Acq: 30 Oct 2018 23:49

Instrument :
BNA_G
ClientSampleId :
PB114303TB

Tgt Ion	Ratio	Lower	Upper
264	100		
260	21.6	18.2	27.4
265	20.1	17.9	26.9

