

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102918\
 Data File : BG037638.D
 Acq On : 30 Oct 2018 1:00
 Operator : JU/SJ
 Sample : J5665-09
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 30 04:44:52 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

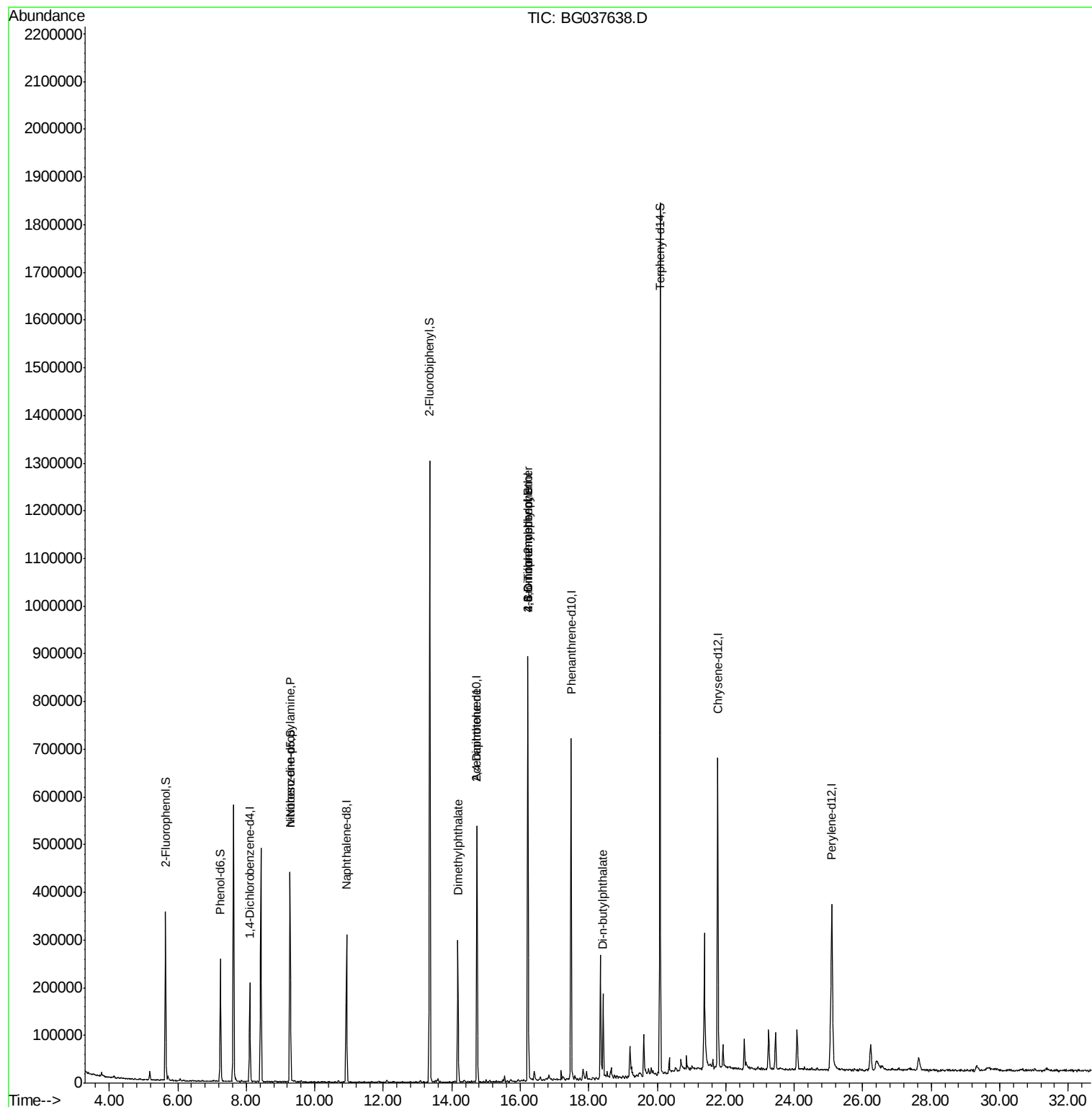
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	63492	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	291310	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	195445	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	452630	20.00	ng	0.00
76) Chrysene-d12	21.77	240	398628	20.00	ng	0.00
87) Perylene-d12	25.10	264	405871	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	169191	44.55	ng	0.00
7) Phenol-d6	7.24	99	163190	28.42	ng	0.00
23) Nitrobenzene-d5	9.27	82	280565	53.95	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	166505	78.11	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	699203	53.95	ng	0.00
79) Terphenyl-d14	20.08	244	895622	48.01	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.27	70	36013	9.107	ng	# 69
50) Dimethylphthalate	14.18	163	209734	13.871	ng	# 99
57) 2,4-Dinitrotoluene	14.73	165	25236	5.748	ng	# 25
65) 4,6-Dinitro-2-methylphenol	16.23	198	339	8.625	ng	# 81
67) 4-Bromophenyl-phenylether	16.22	248	12177	2.450	ng	# 1
74) Di-n-butylphthalate	18.42	149	129121	5.140	ng	# 98

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

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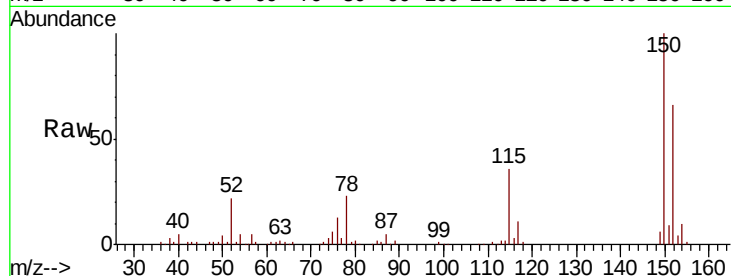


#1

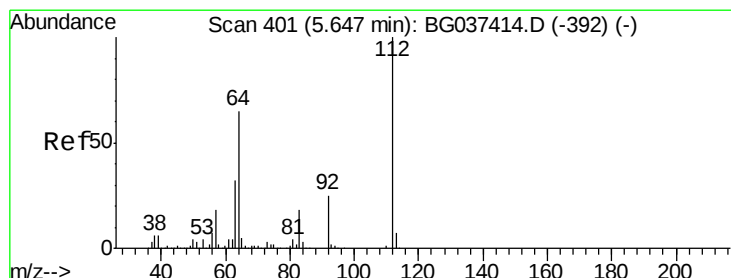
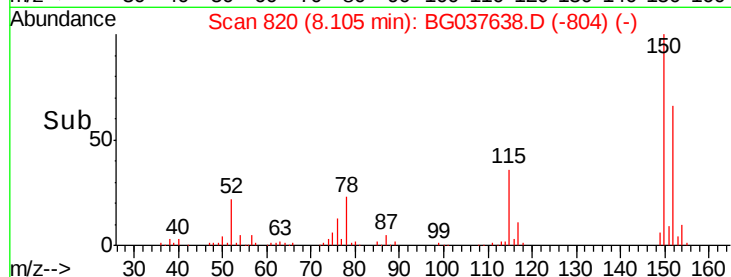
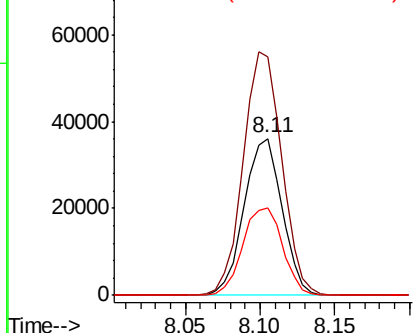
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 820
Delta R.T. -0.00 min
Lab File: BG037638.D
Acq: 30 Oct 2018 1:00

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 63492
Ion Ratio Lower Upper
152 100
150 151.8 126.0 189.0
115 55.3 45.5 68.3



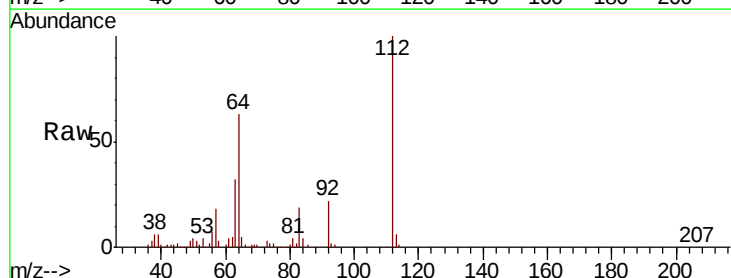
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



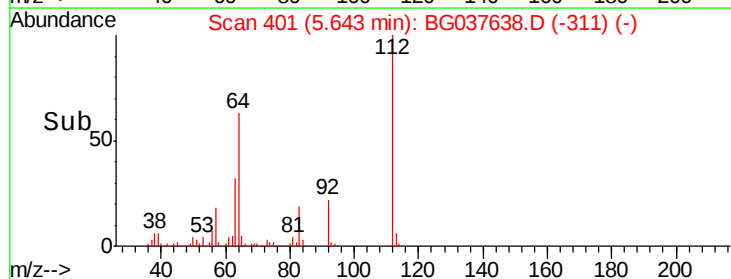
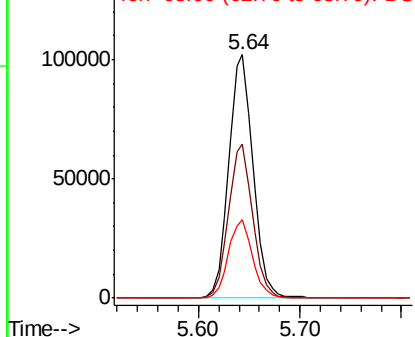
#5

2-Fluorophenol
Concen: 44.551 ng
RT: 5.64 min Scan# 401
Delta R.T. -0.00 min
Lab File: BG037638.D
Acq: 30 Oct 2018 1:00

Tgt Ion:112 Resp: 169191
Ion Ratio Lower Upper
112 100
64 63.3 53.1 79.7
63 32.1 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: 28.417 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037638.D

Acq: 30 Oct 2018 1:00

Instrument :

BNA_G

ClientSampleId :

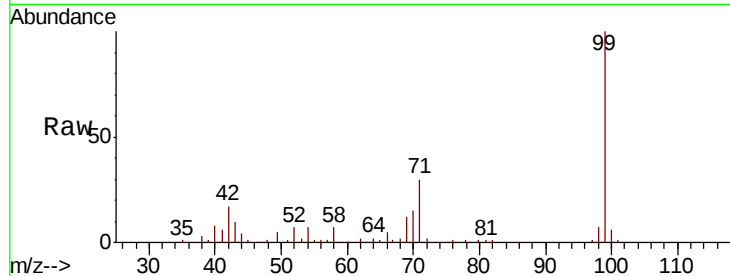
Tot Ion: 99 Resp: 163190

Ion Ratio Lower Upper

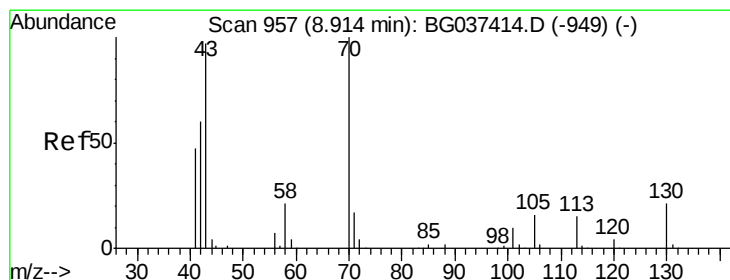
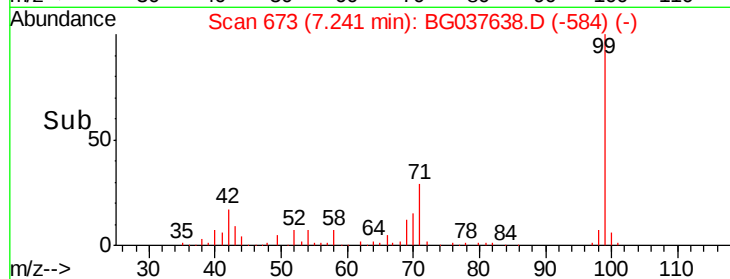
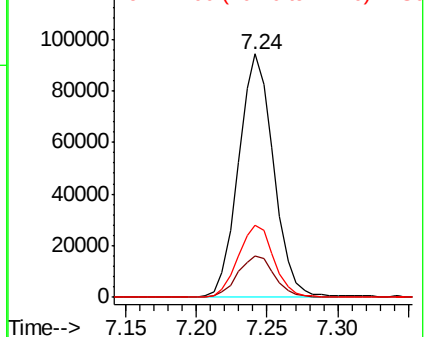
99 100

42 17.1 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



#19

n-Nitroso-di-n-propylamine

Concen: 9.107 ng

RT: 9.27 min Scan# 1019

Delta R.T. 0.36 min

Lab File: BG037638.D

Acq: 30 Oct 2018 1:00

Tgt Ion: 70 Resp: 36013

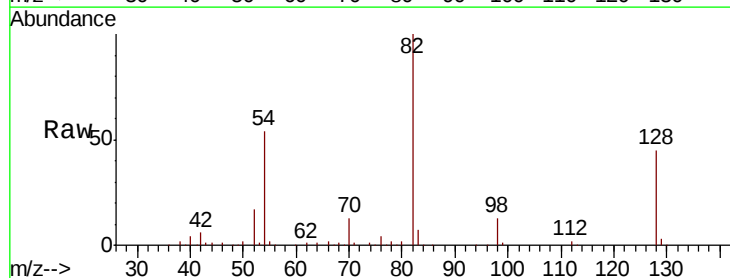
Ion Ratio Lower Upper

70 100

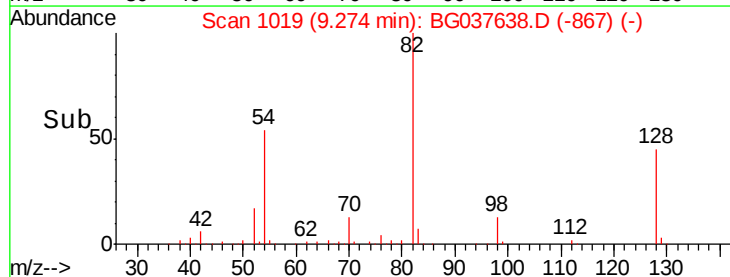
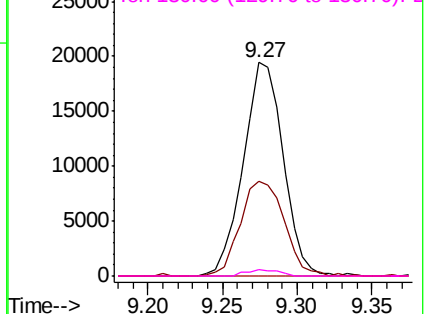
42 44.1 53.9 80.9#

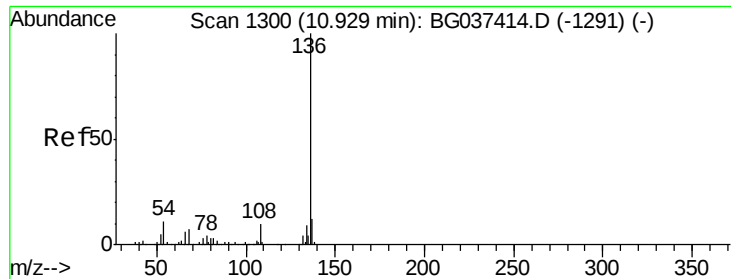
101 0.0 8.2 12.2#

130 3.1 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: 10.93 min Scan# 1300

Delta R.T. -0.00 min

Lab File: BG037638.D

Acq: 30 Oct 2018 1:00

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 291310

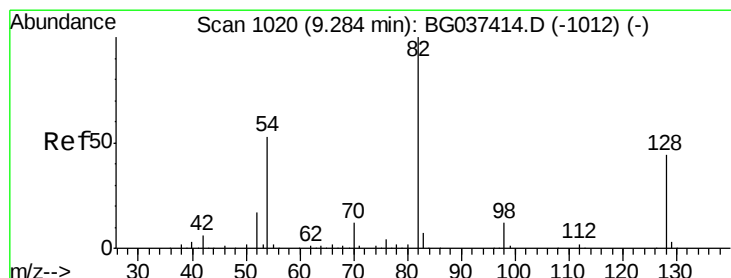
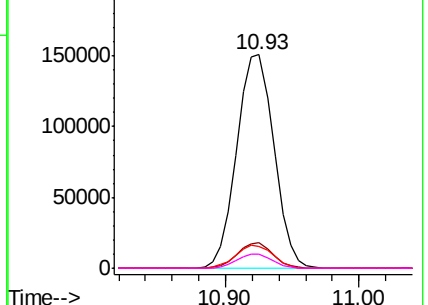
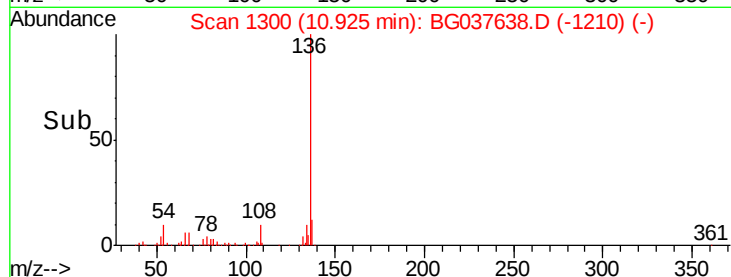
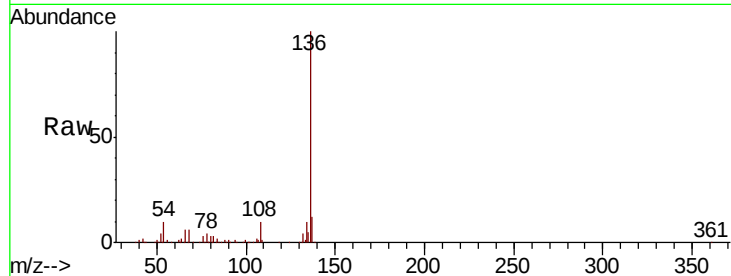
Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.6	14.4
54	10.2	7.9	11.9
68	6.5	4.8	7.2

Abundance Ion 136.00 (135.70 to 136.70): BGC

Ion 137.00 (136.70 to 137.70): BGC

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#23

Nitrobenzene-d5

Concen: 53.953 ng

RT: 9.27 min Scan# 1019

Delta R.T. -0.01 min

Lab File: BG037638.D

Acq: 30 Oct 2018 1:00

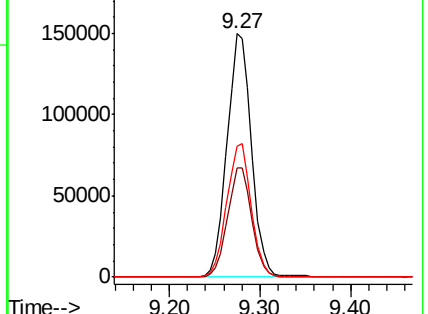
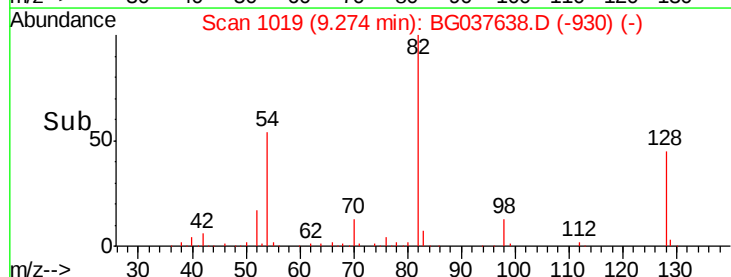
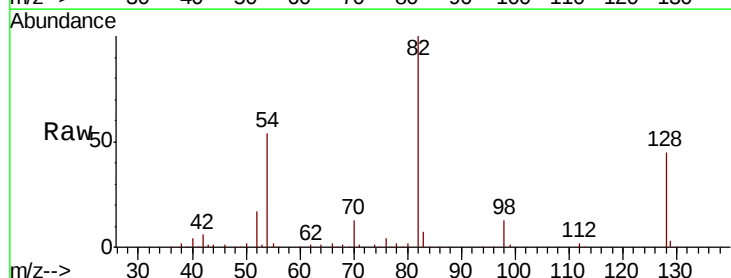
Tgt Ion: 82 Resp: 280565

Ion	Ratio	Lower	Upper
82	100		
128	44.7	34.6	51.8
54	53.7	45.3	67.9

Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): BGC

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: BG037638.D

Acq: 30 Oct 2018 1:00

Instrument :

BNA_G

ClientSampleId :

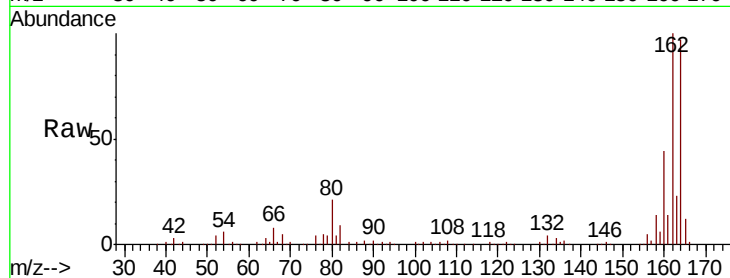
Tot Ion:164 Resp: 195445

Ion Ratio Lower Upper

164 100

162 103.0 81.3 121.9

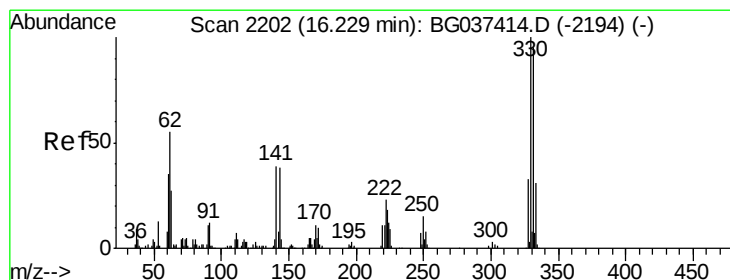
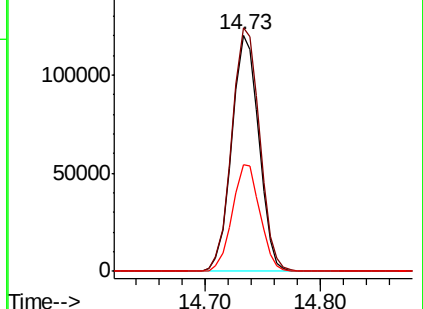
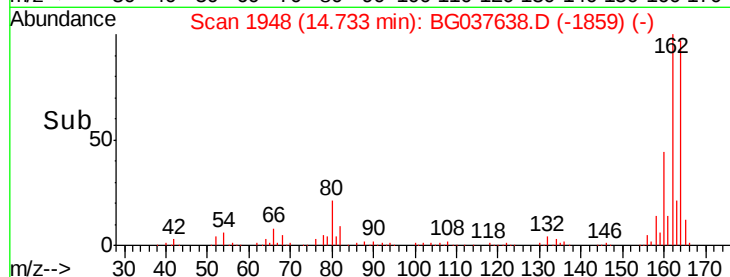
160 45.1 36.3 54.5



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: 78.109 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG037638.D

Acq: 30 Oct 2018 1:00

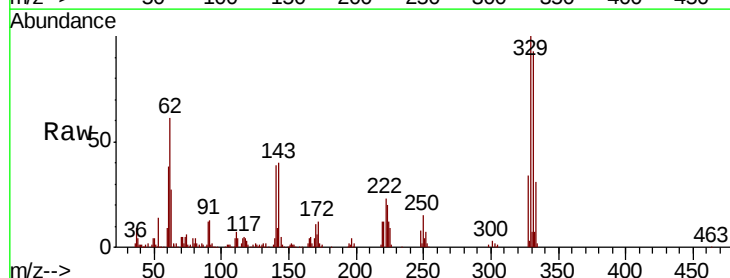
Tgt Ion:330 Resp: 166505

Ion Ratio Lower Upper

330 100

332 93.9 78.4 117.6

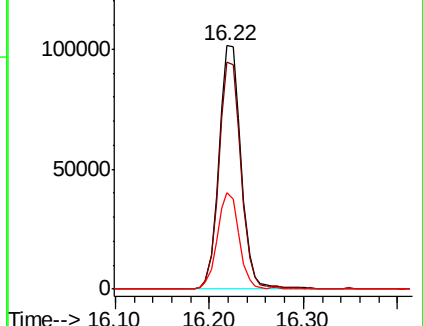
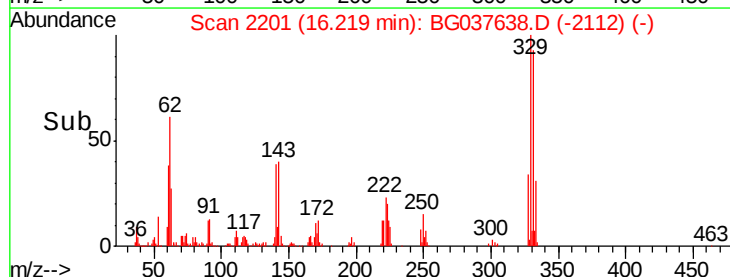
141 39.2 32.2 48.2



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

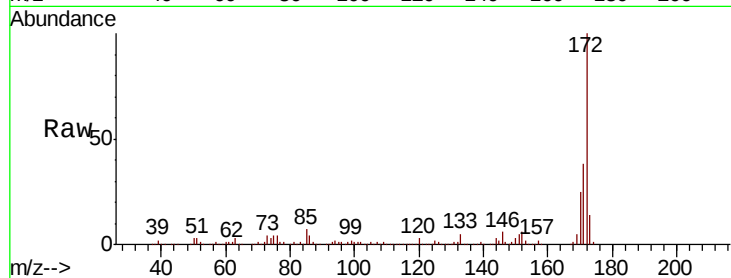




#45
2-Fluorobiphenyl
Concen: 53.947 ng
RT: 13.36 min Scan# 1714
Delta R.T. -0.01 min
Lab File: BG037638.D
Acq: 30 Oct 2018 1:00

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.7	31.0	46.4
170	24.9	20.2	30.2

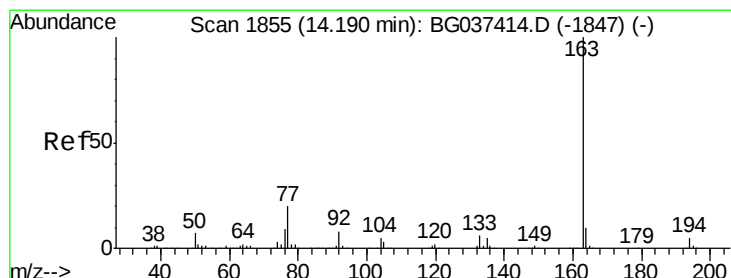
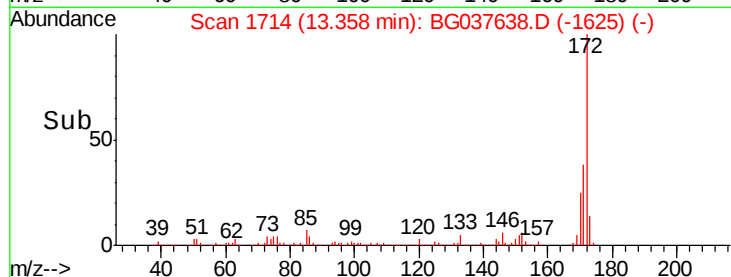
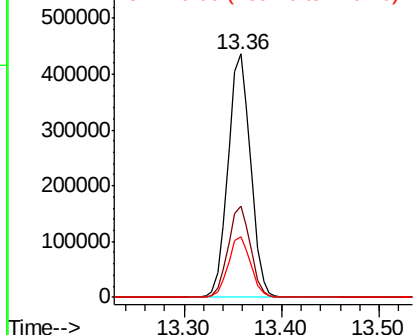


Abundance

Ion 172.00 (171.70 to 172.70): E

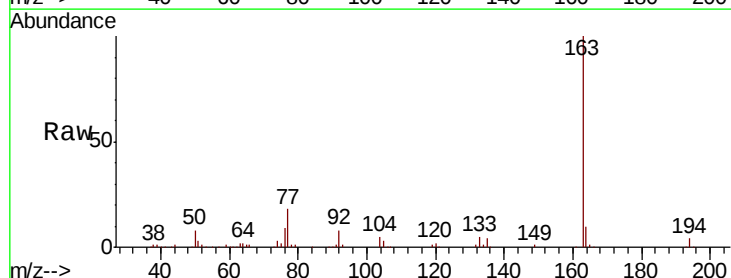
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#50
Dimethylphthalate
Concen: 13.871 ng
RT: 14.18 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BG037638.D
Acq: 30 Oct 2018 1:00

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.5	5.3
164	10.2	8.5	12.7

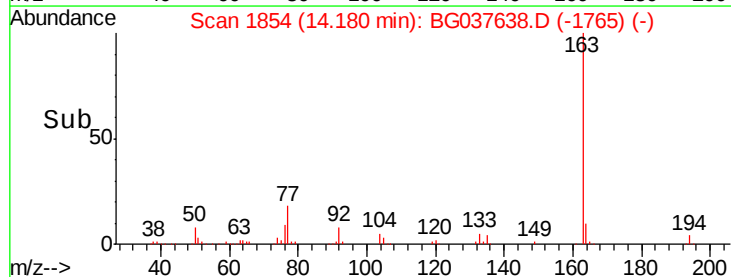
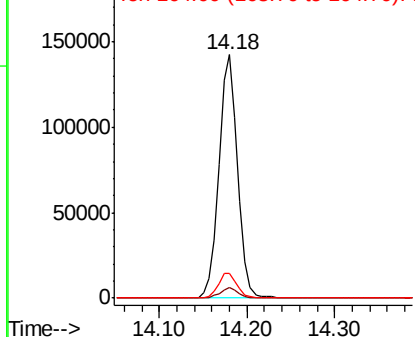


Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

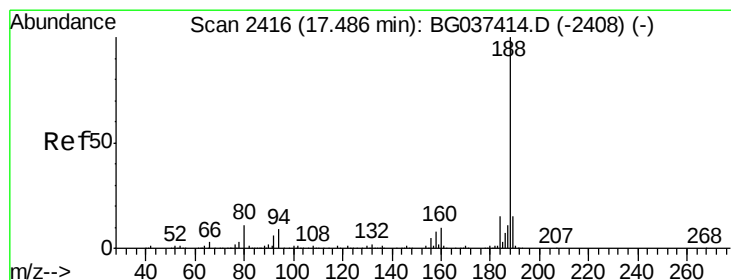
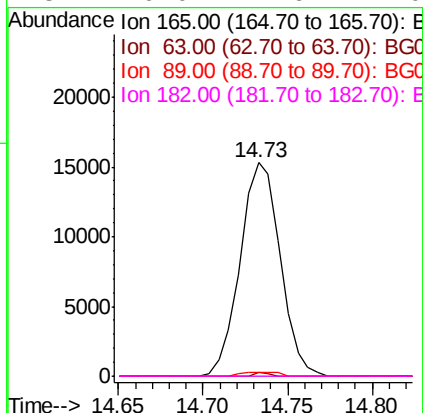
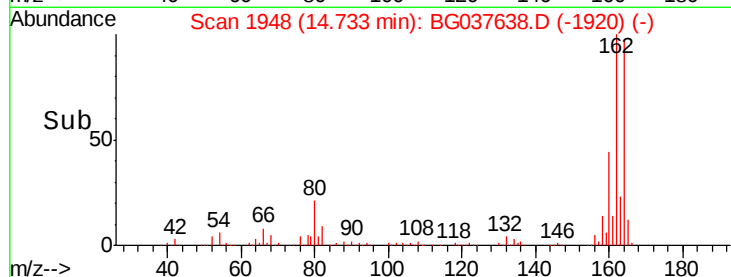
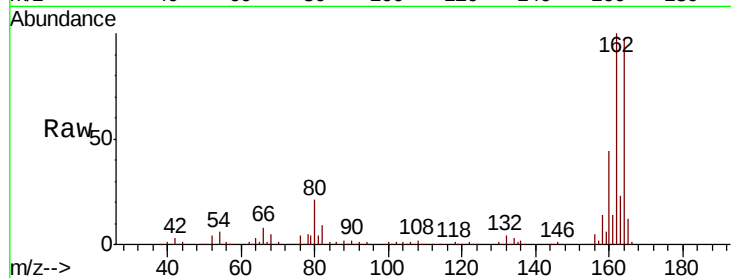




#57
 2,4-Dinitrotoluene
 Concen: 5.748 ng
 RT: 14.73 min Scan# 1948
 Delta R.T. -0.37 min
 Lab File: BG037638.D
 Acq: 30 Oct 2018 1:00

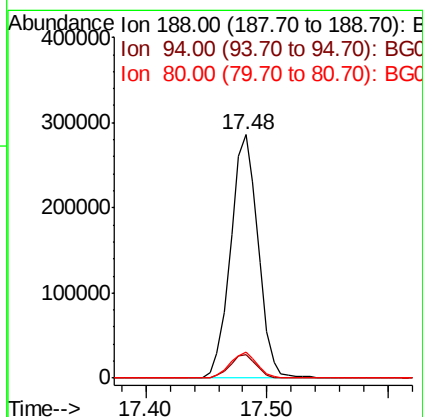
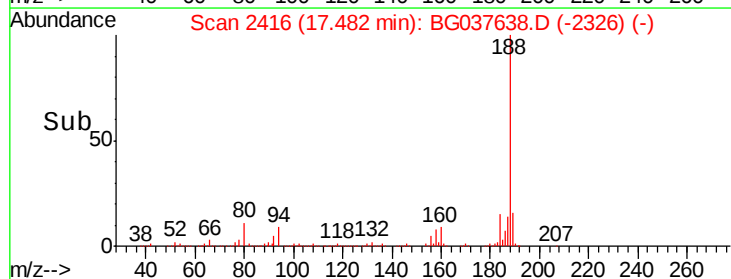
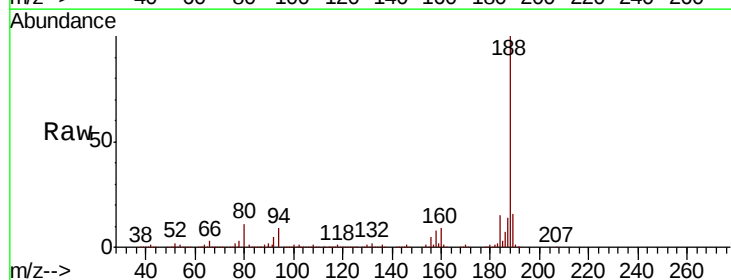
Instrument :
 BNA_G
 ClientSampleId :

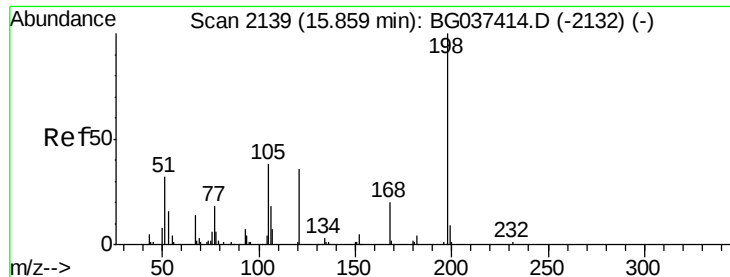
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.7	33.4	50.0#
89	1.8	57.2	85.8#
182	0.0	2.6	4.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.48 min Scan# 2416
 Delta R.T. -0.00 min
 Lab File: BG037638.D
 Acq: 30 Oct 2018 1:00

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.5	7.2	10.8
80	10.7	7.7	11.5





#65

4,6-Dinitro-2-methylphenol

Concen: 8.625 ng

RT: 16.23 min Scan# 2202

Delta R.T. 0.37 min

Lab File: BG037638.D

Acq: 30 Oct 2018 1:00

Instrument :

BNA_G

ClientSampled :

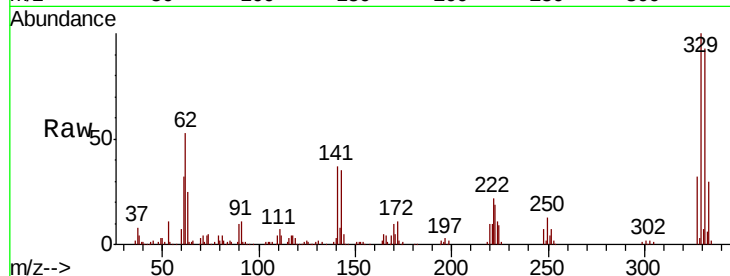
Tot Ion:198 Resp: 339

Ion Ratio Lower Upper

198 100

51 30.7 22.7 62.7

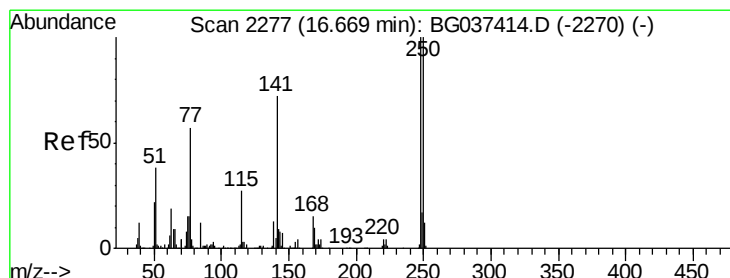
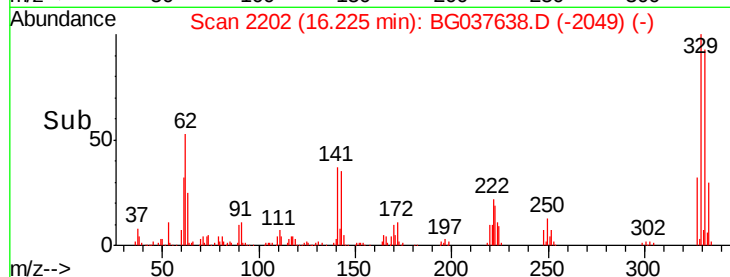
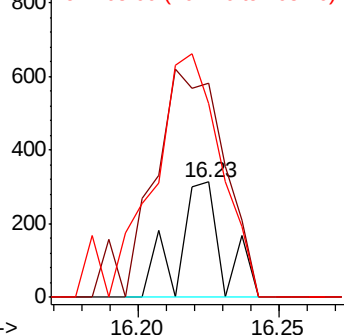
105 27.8 19.7 59.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG0

Ion 105.00 (104.70 to 105.70): E



#67

4-Bromophenyl-phenylether

Concen: 2.450 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.45 min

Lab File: BG037638.D

Acq: 30 Oct 2018 1:00

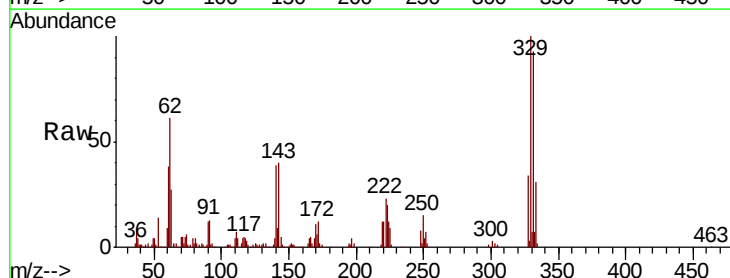
Tgt Ion:248 Resp: 12177

Ion Ratio Lower Upper

248 100

250 196.7 77.0 115.6#

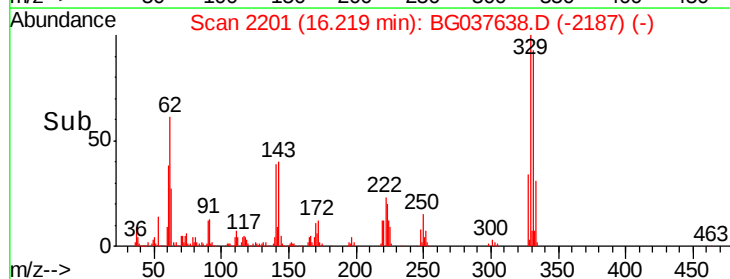
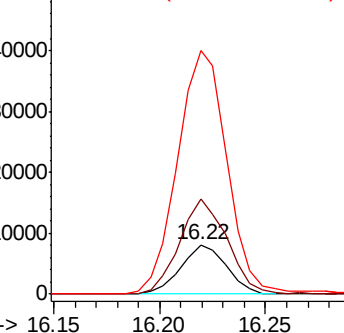
141 395.0 55.5 83.3#

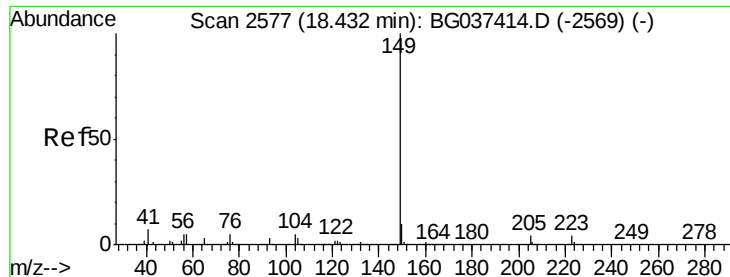


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

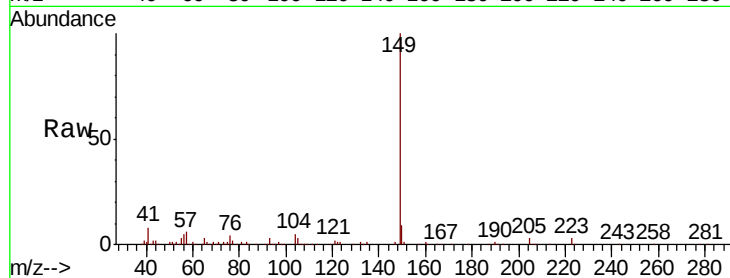




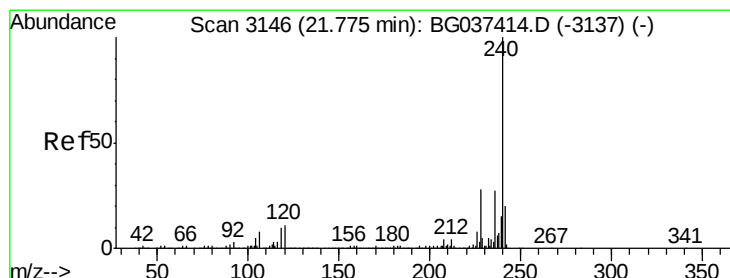
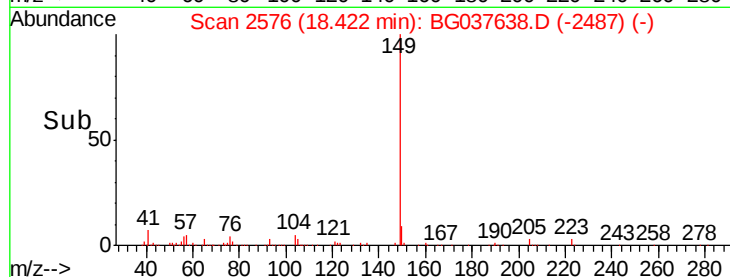
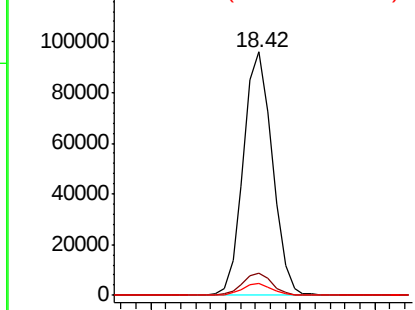
#74
Di-n-butylphthalate
Concen: 5.140 ng
RT: 18.42 min Scan# 2576
Delta R.T. -0.01 min
Lab File: BG037638.D
Acq: 30 Oct 2018 1:00

Instrument :
BNA_G
ClientSampleId :

Tot Ion:149 Resp: 129121
Ion Ratio Lower Upper
149 100
150 9.3 8.2 12.2
104 5.0 4.0 6.0

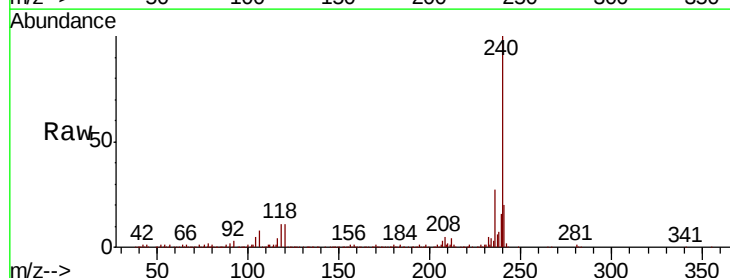


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E

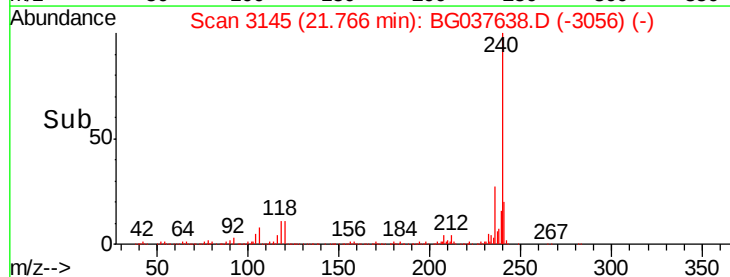
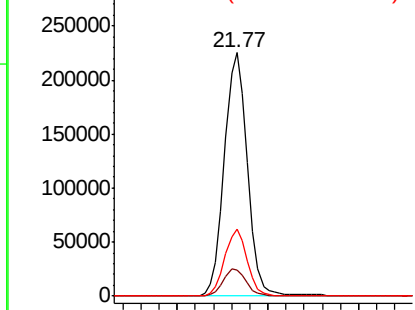


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3145
Delta R.T. -0.01 min
Lab File: BG037638.D
Acq: 30 Oct 2018 1:00

Tgt Ion:240 Resp: 398628
Ion Ratio Lower Upper
240 100
120 10.7 8.1 12.1
236 27.4 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: 48.008 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037638.D

Acq: 30 Oct 2018 1:00

Instrument :

BNA_G

ClientSampleId :

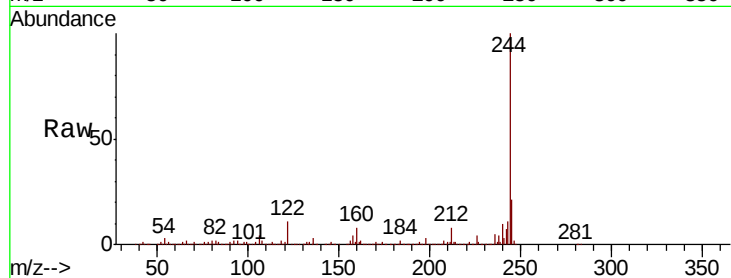
Tot Ion:244 Resp: 895622

Ion Ratio Lower Upper

244 100

212 7.7 6.5 9.7

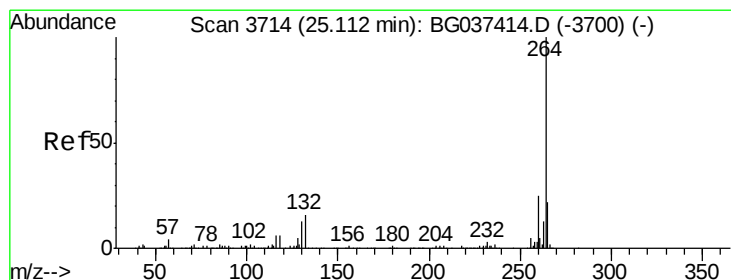
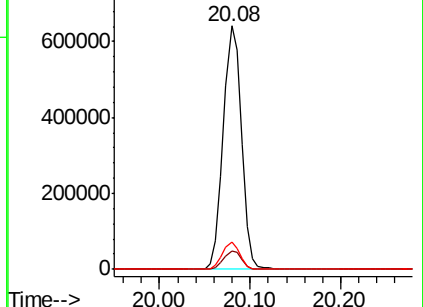
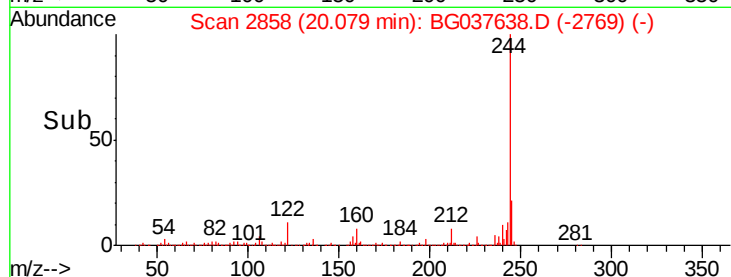
122 11.4 9.0 13.4



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. -0.02 min

Lab File: BG037638.D

Acq: 30 Oct 2018 1:00

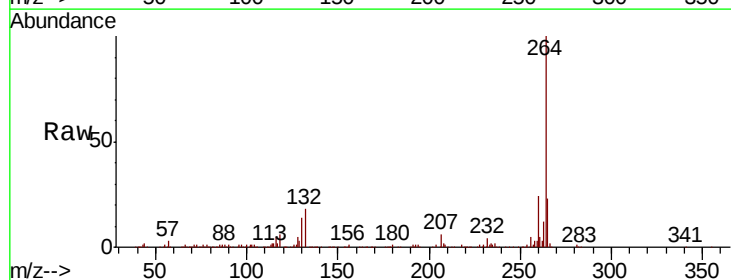
Tgt Ion:264 Resp: 405871

Ion Ratio Lower Upper

264 100

260 23.8 18.2 27.4

265 23.0 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

