

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 :
 TWP-04

Quant Time: Oct 30 05:42:29 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

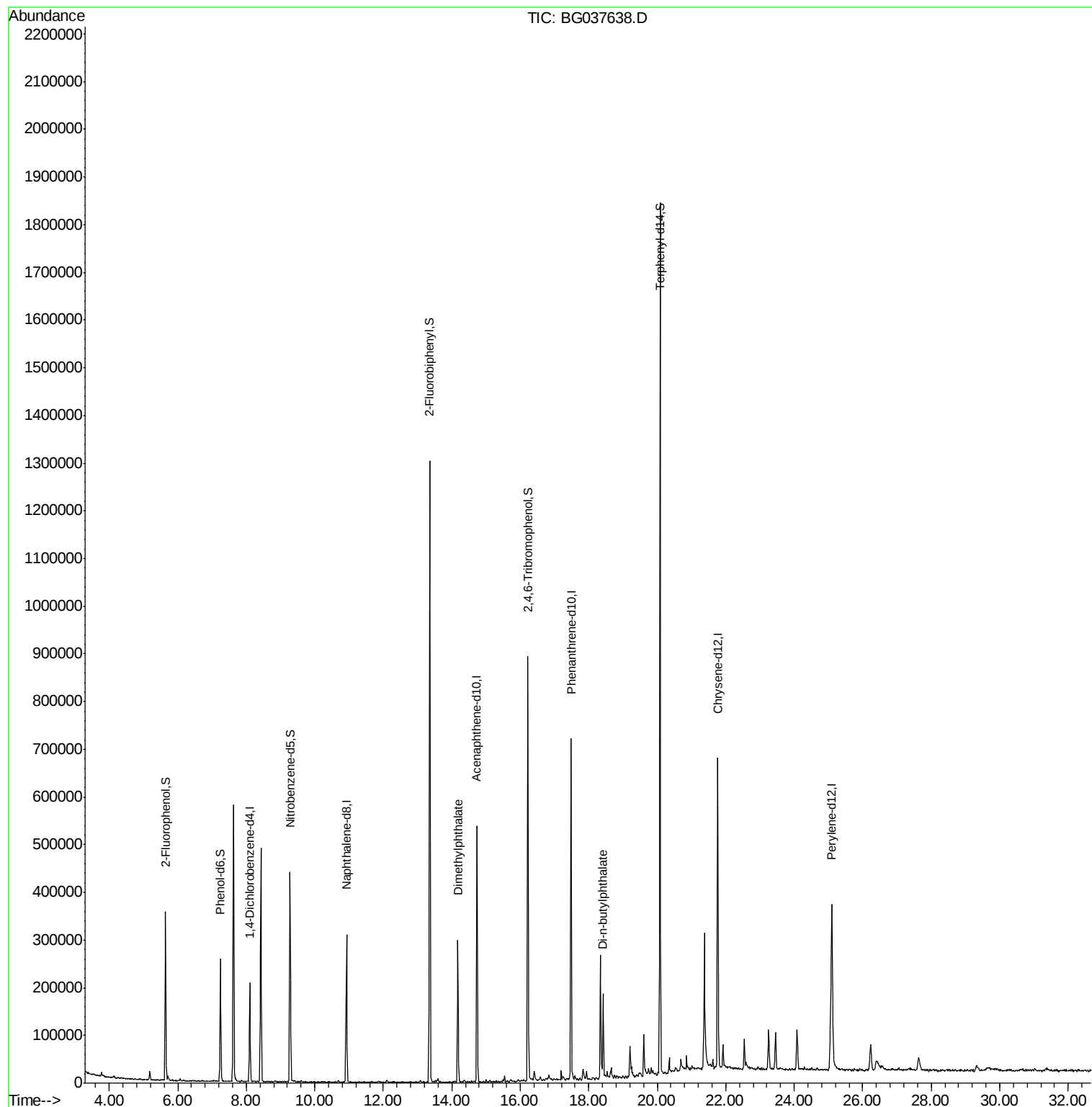
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	63492	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	291310	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	195445	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	452630	20.00	ng	0.00
76) Chrysene-d12	21.77	240	398628	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						
50) Dimethylphthalate	14.18	163	209734	13.871	ng	99
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 :

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ClientSampleId :

TWP-04

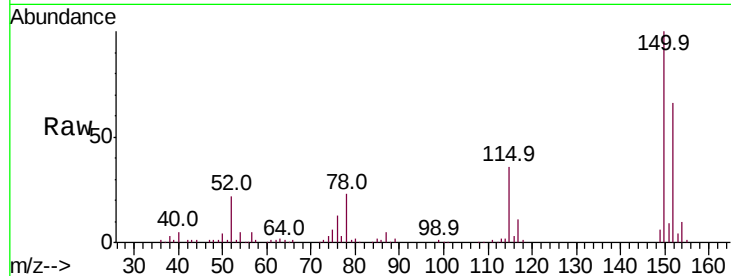
Tot Ion:152 Resp: 63492

Ion Ratio Lower Upper

152 100

150 151.8 126.0 189.0

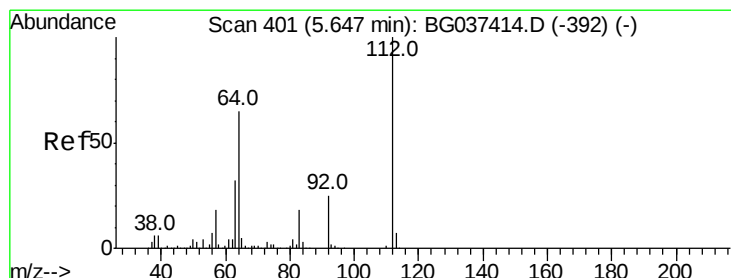
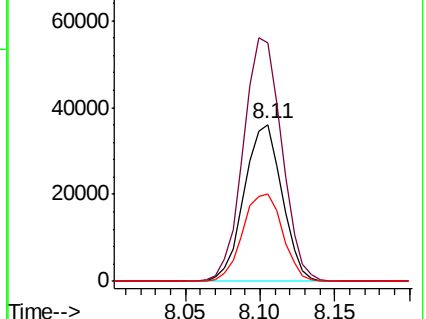
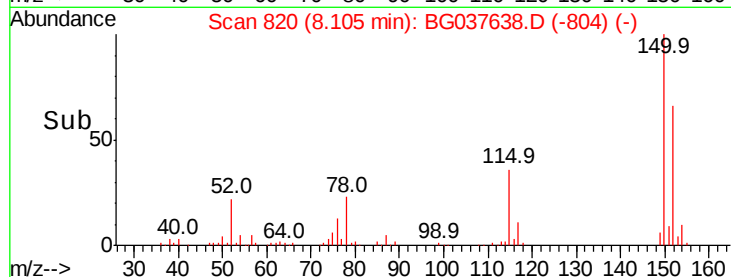
115 55.3 45.5 68.3



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

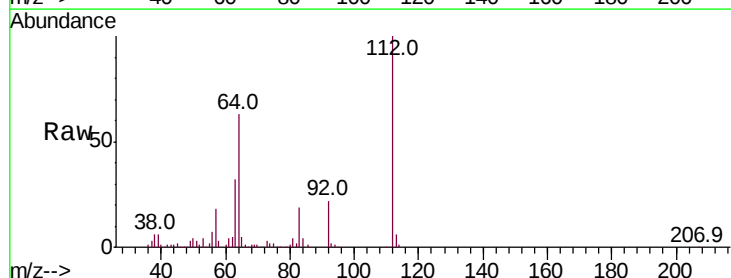
Tgt Ion:112 Resp: 169191

Ion Ratio Lower Upper

112 100

64 63.3 53.1 79.7

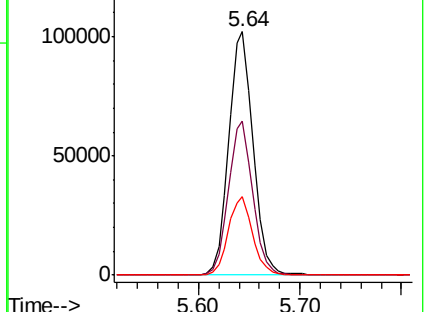
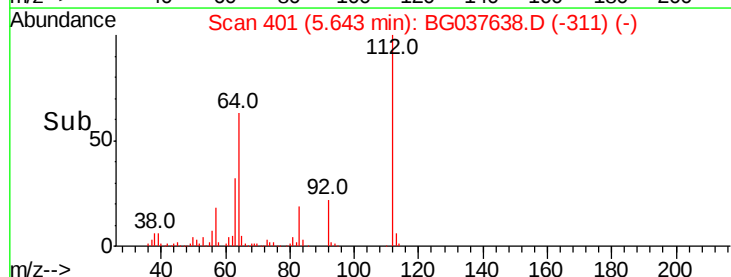
63 32.1 27.3 40.9

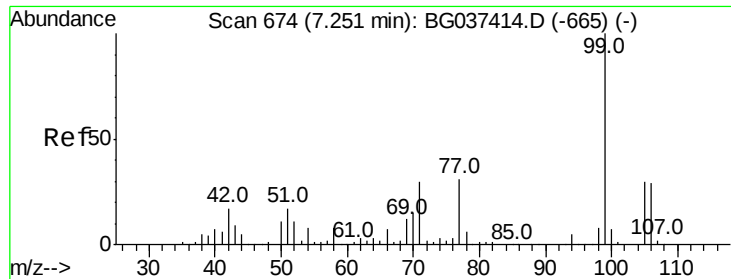


Abundance Ion 112.00 (111.70 to 112.70): E

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 :

TWP-04

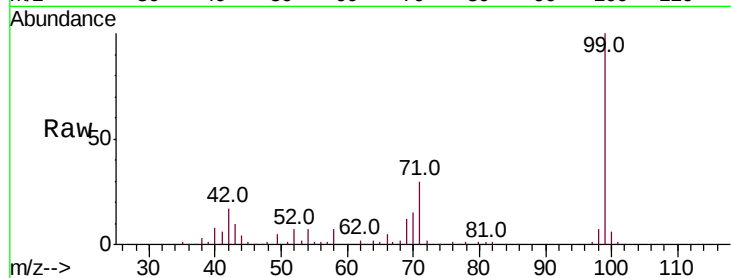
Tot Ion: 99 Resp: 163190

Ion Ratio Lower Upper

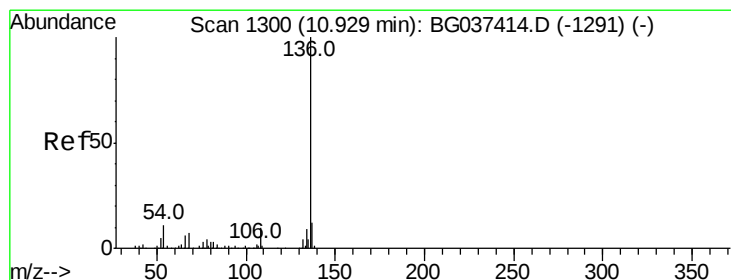
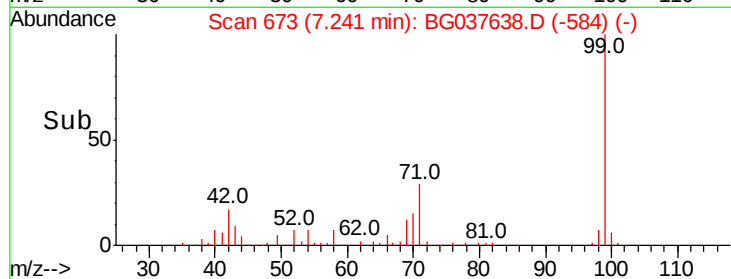
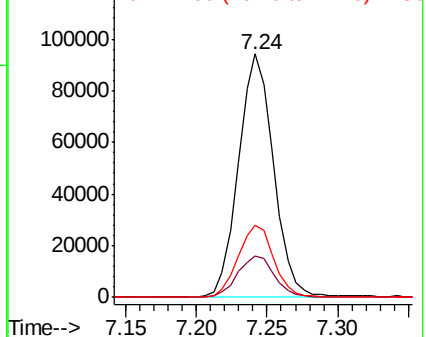
99 100

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



#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

Tgt Ion: 136 Resp: 291310

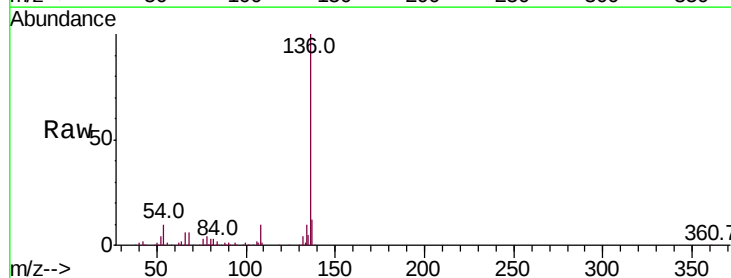
Ion Ratio Lower Upper

136 100

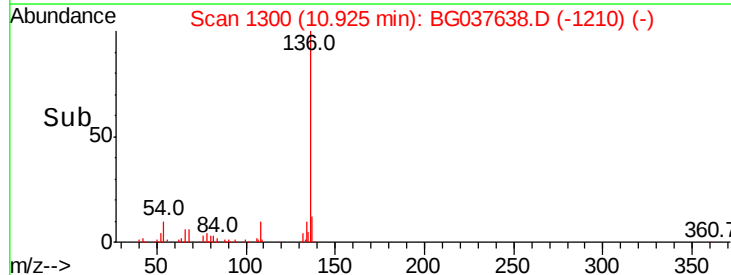
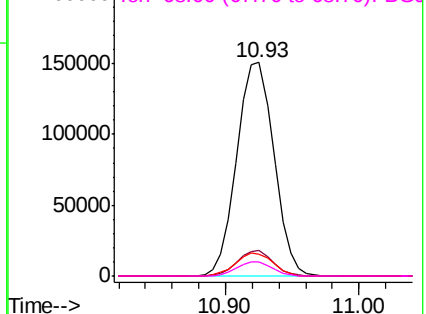
137 11.8 9.6 14.4

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

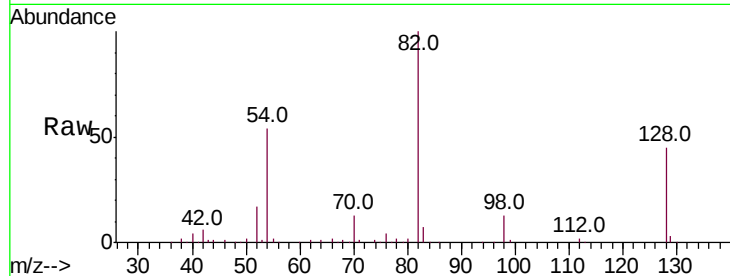




#23
Nitrobenzene-d5
Concen: 53.953 ng
RT: 9.27 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG037638.D
Acq: 30 Oct 2018 1:00

Instrument :
BNA_G
ClientSampleId :
TWP-04

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

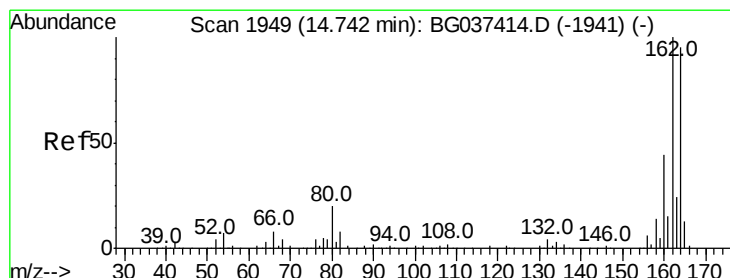
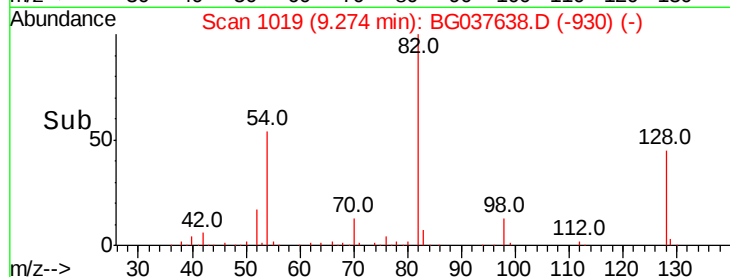
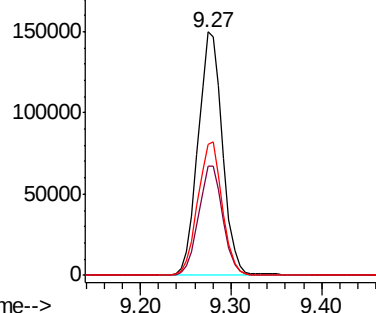


Abundance

Ion 82.00 (81.70 to 82.70): BGC

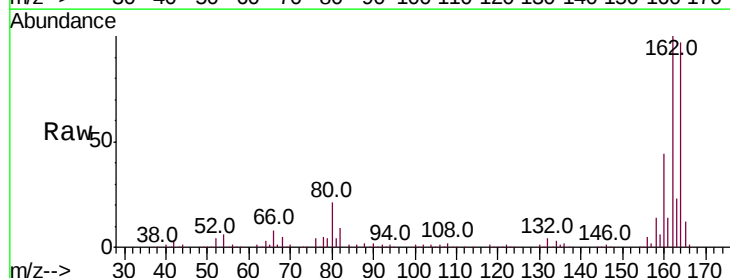
Ion 128.00 (127.70 to 128.70): BGC

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

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.0	81.3	121.9
160	45.1	36.3	54.5

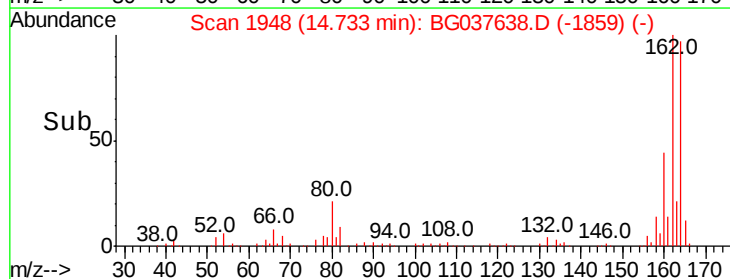
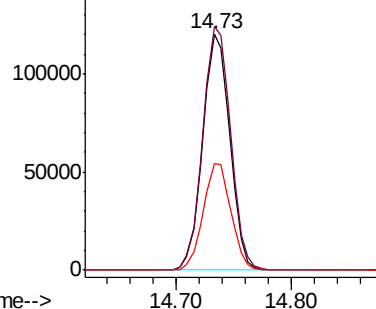


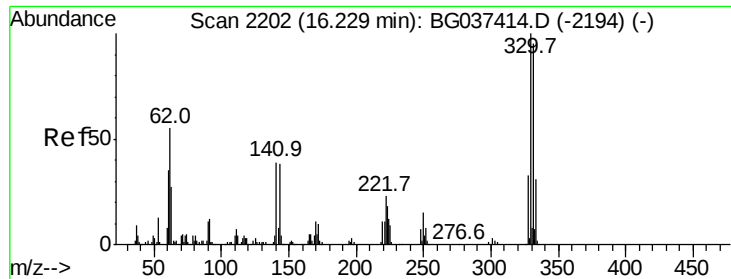
Abundance

Ion 164.00 (163.70 to 164.70): BGC

Ion 162.00 (161.70 to 162.70): BGC

Ion 160.00 (159.70 to 160.70): BGC

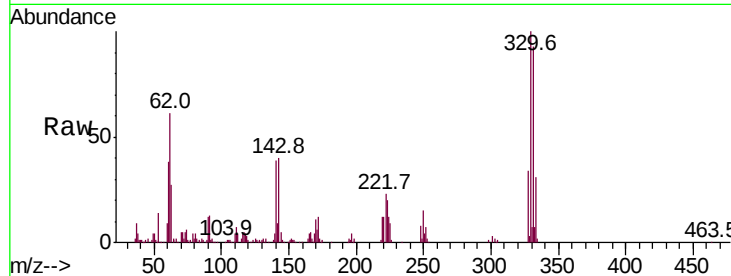




#42
 2,4,6-Tribromophenol
 Concen: 78.109 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. -0.01 min
 Lab File: BG037638.D
 Acq: 30 Oct 2018 1:00

Instrument :
 BNA_G
 ClientSampleId :
 TWP-04

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.9	78.4	117.6
141	39.2	32.2	48.2

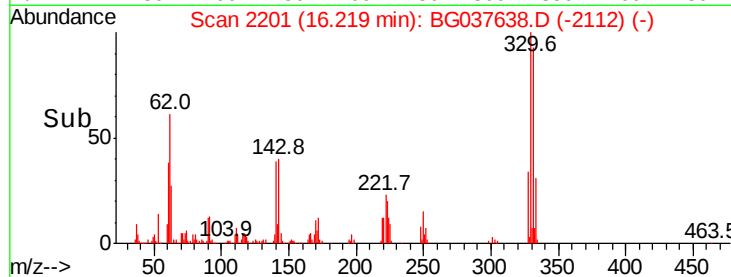
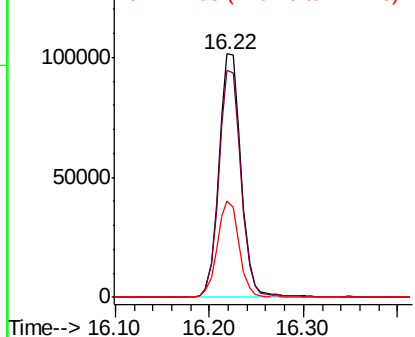


Abundance

Ion 329.80 (329.50 to 330.50): E

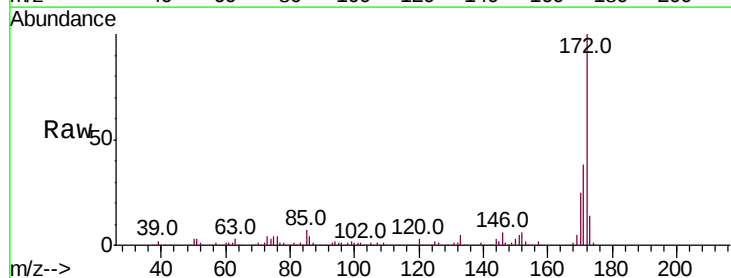
Ion 331.80 (331.50 to 332.50): E

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

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

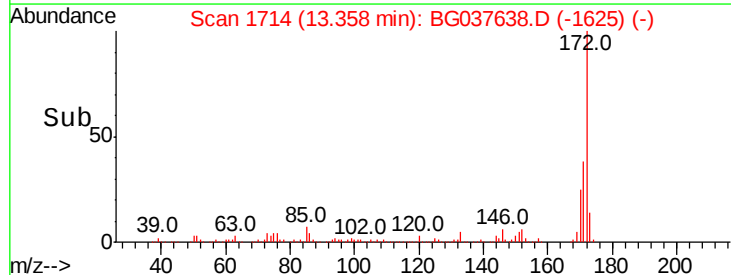
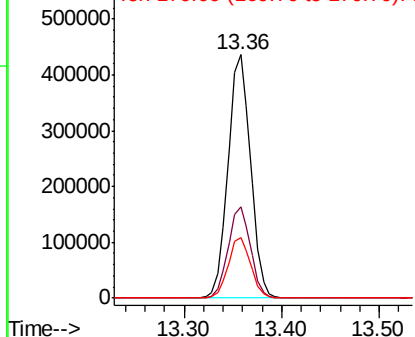


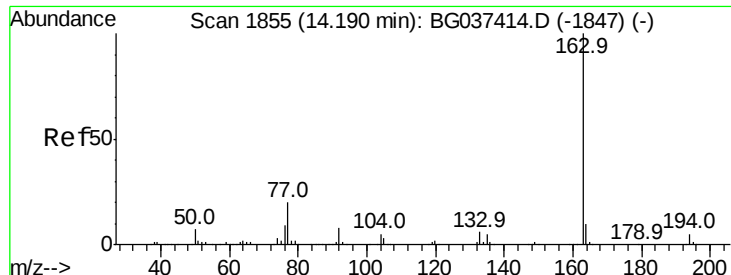
Abundance

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

Instrument :

BNA_G

ClientSampleId :

TWP-04

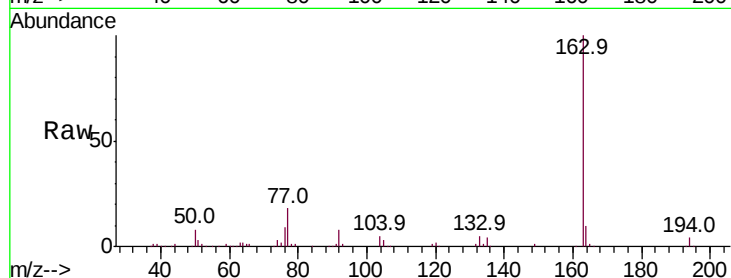
Tot Ion:163 Resp: 209734

Ion Ratio Lower Upper

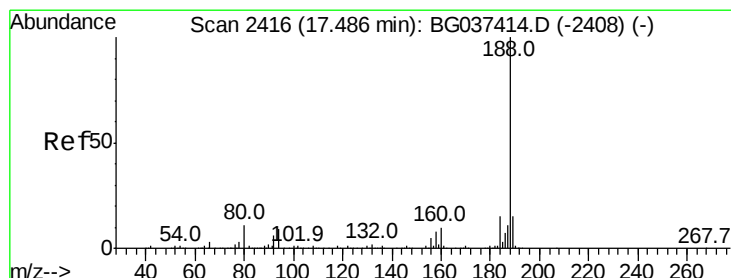
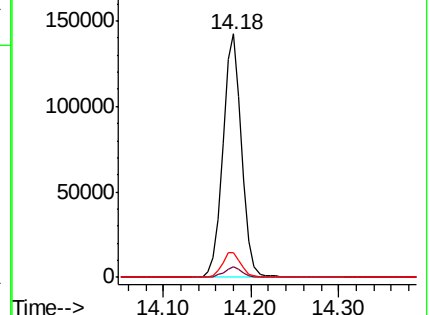
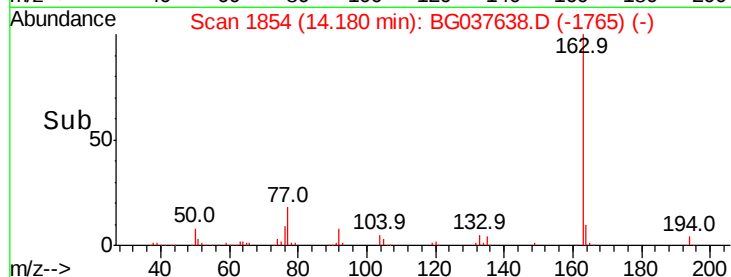
163 100

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



#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

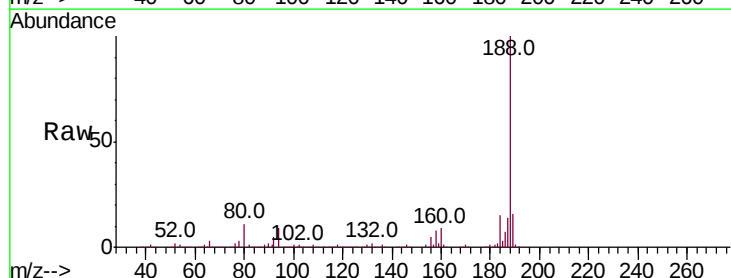
Tgt Ion:188 Resp: 452630

Ion Ratio Lower Upper

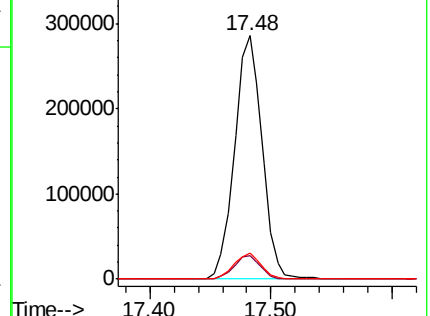
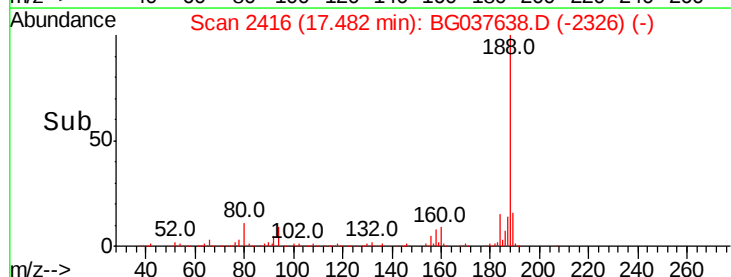
188 100

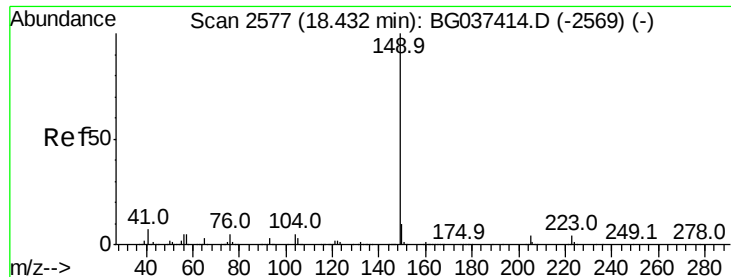
94 9.5 7.2 10.8

80 10.7 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

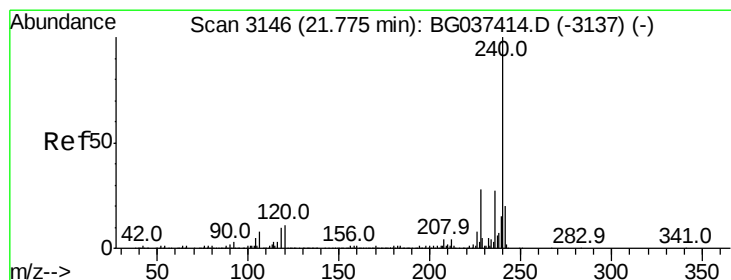
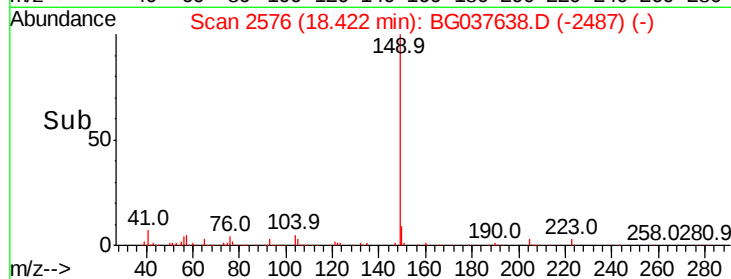
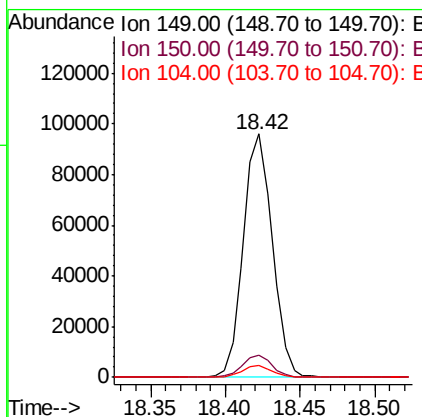
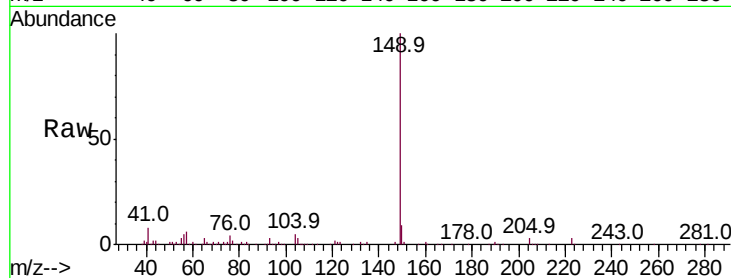




#74
Di-n-butylphthalate
Concen: 5.140 ng
RT: 18.42 min Scan# 2576
Delta R.T. -0.01 min
Lab File: BG037638.D
Acq: 30 Oct 2018 1:00

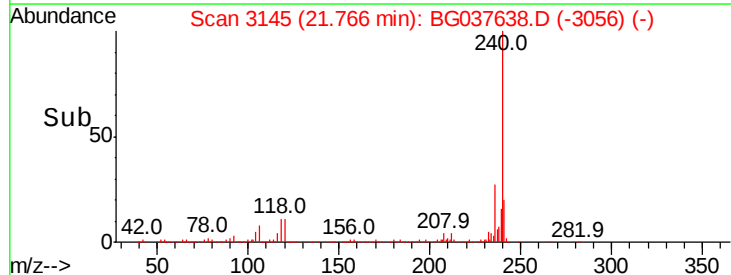
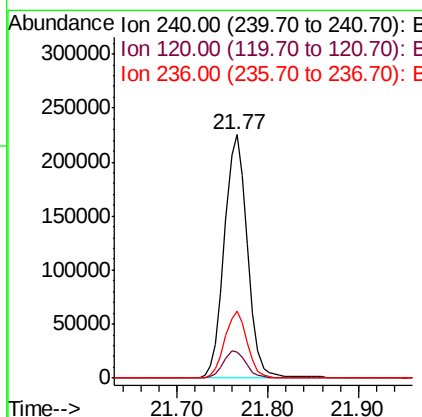
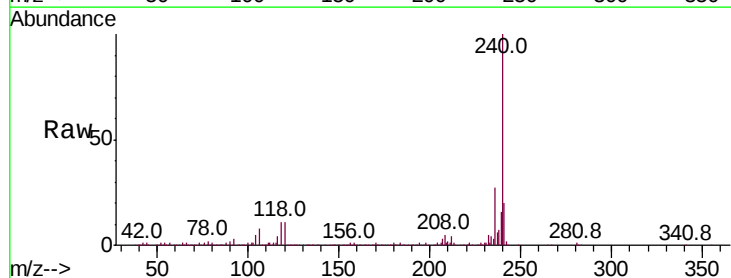
Instrument :
BNA_G
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TWP-04

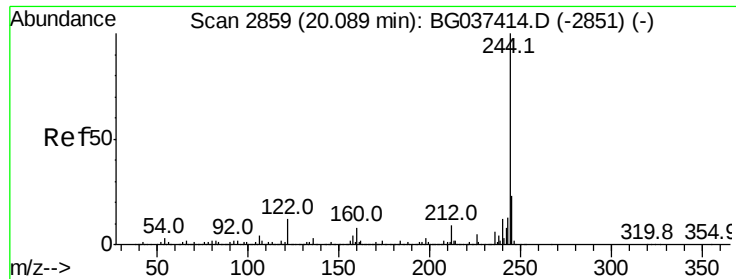
Tot Ion	Ratio	Lower	Upper
149	100		
150	9.3	8.2	12.2
104	5.0	4.0	6.0



#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	Ratio	Lower	Upper
240	100		
120	10.7	8.1	12.1
236	27.4	21.4	32.0





#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 :

TWP-04

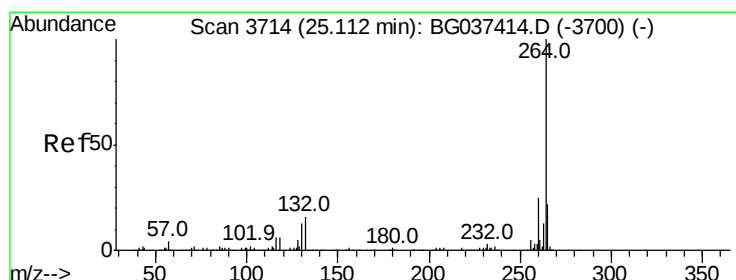
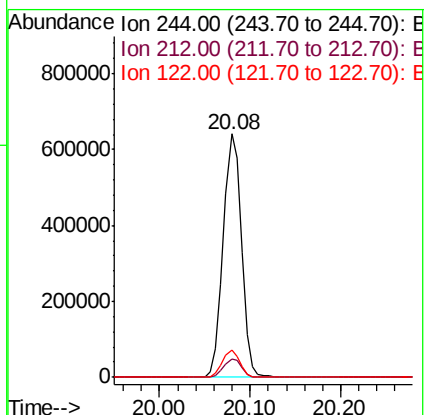
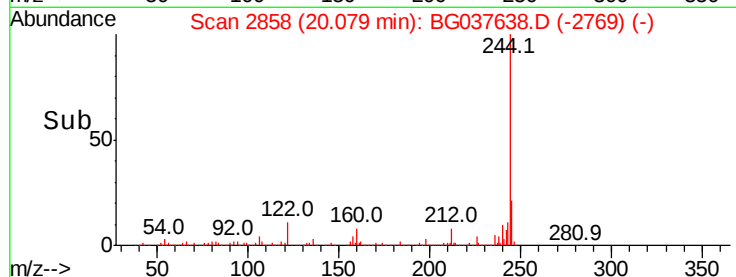
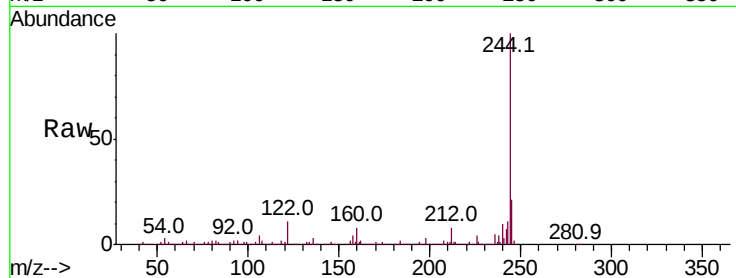
Tot Ion:244 Resp: 895622

Ion Ratio Lower Upper

244 100

212 7.7 6.5 9.7

122 11.4 9.0 13.4



#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

