

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102918\
 Data File : BG037616.D
 Acq On : 29 Oct 2018 10:39
 Operator : JU/SJ
 Sample : J5690-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-15

Quant Time: Oct 29 14:34:51 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	56990	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	249098	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	166942	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	403474	20.00	ng	0.00
76) Chrysene-d12	21.77	240	368433	20.00	ng	0.00
87) Perylene-d12	25.10	264	346246	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.64	112	182909	53.66	ng	0.00
7) Phenol-d6	7.24	99	166889	32.38	ng	0.00
23) Nitrobenzene-d5	9.28	82	355604	79.97	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	210116	115.40	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	857734	77.48	ng	0.00
79) Terphenyl-d14	20.08	244	1295104	75.11	ng	0.00

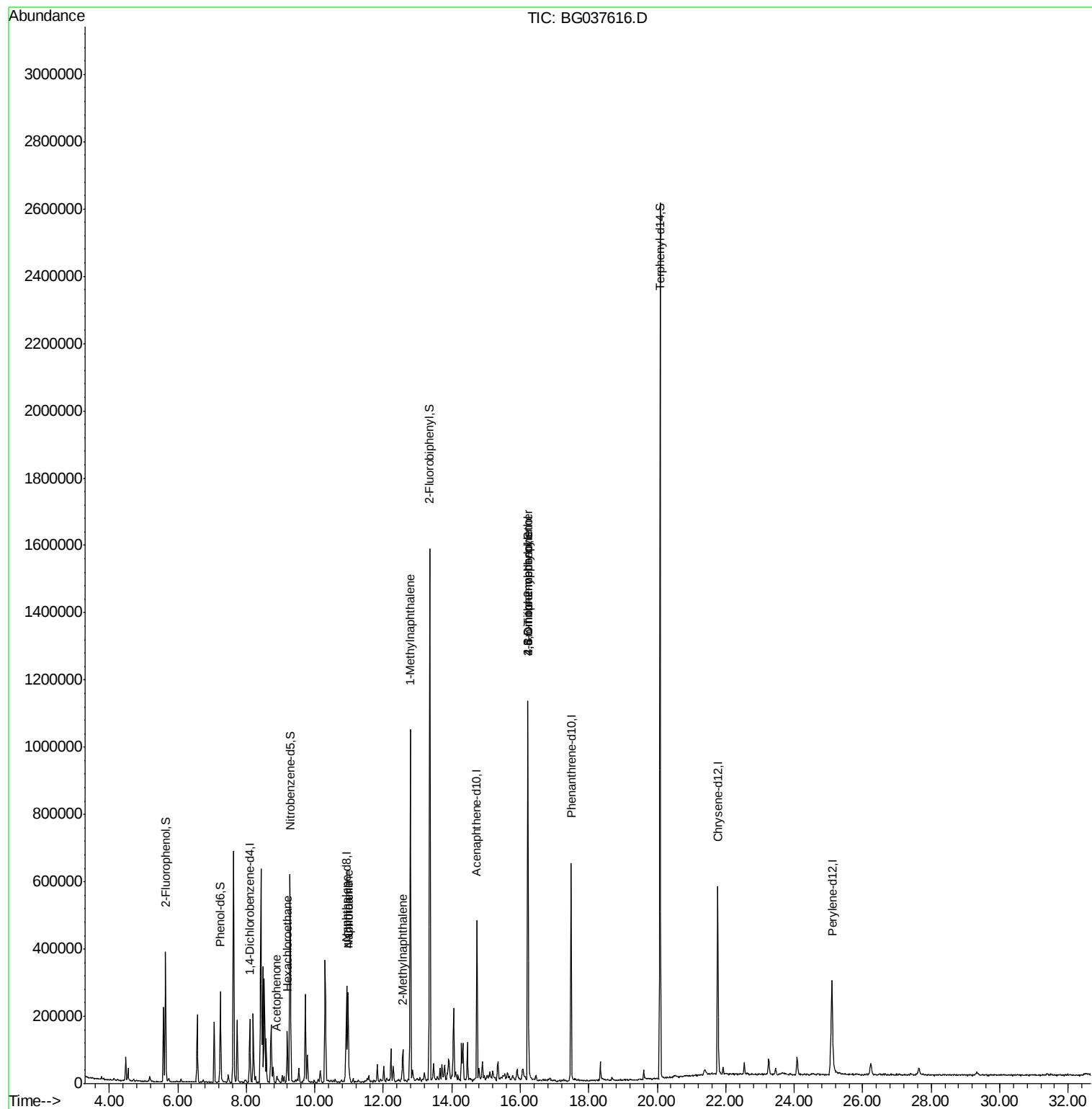
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
18) Hexachloroethane	9.21	117	20422	13.191	ng	# 1
22) Acetophenone	8.90	105	16993	2.720	ng	# 54
31) Naphthalene	10.97	128	226103	18.480	ng	99
33) 4-Chloroaniline	10.97	127	30522	5.309	ng	# 31
37) 2-Methylnaphthalene	12.57	142	46232	5.184	ng	99
38) 1-Methylnaphthalene	12.79	142	517303	59.724	ng	99
65) 4,6-Dinitro-2-methylphenol	16.23	198	621	8.749	ng	94
67) 4-Bromophenyl-phenylether	16.22	248	15835	3.574	ng	# 1

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102918\
Data File : BG037616.D
Acq On : 29 Oct 2018 10:39
Operator : JU/SJ
Sample : J5690-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-15

Quant Time: Oct 29 14:34:51 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



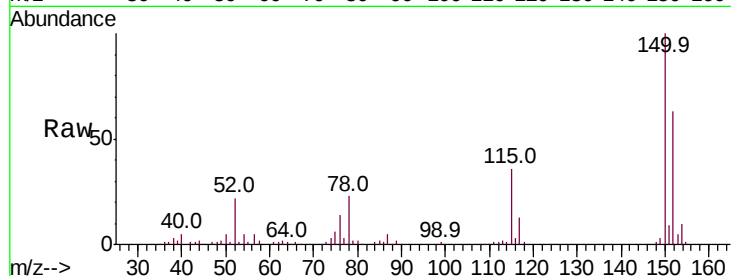


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037616.D
Acq: 29 Oct 2018 10:39

Instrument :
BNA_G
ClientSampleId :
MW-15

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.1	126.0	189.0
115	56.9	45.5	68.3

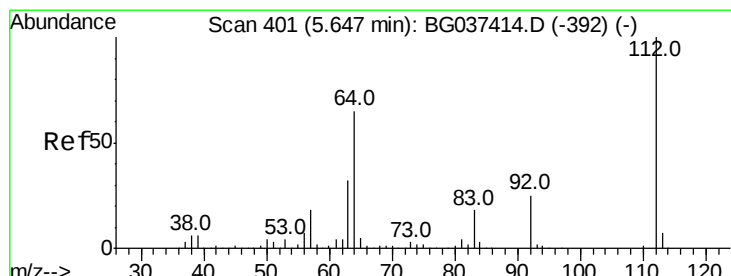
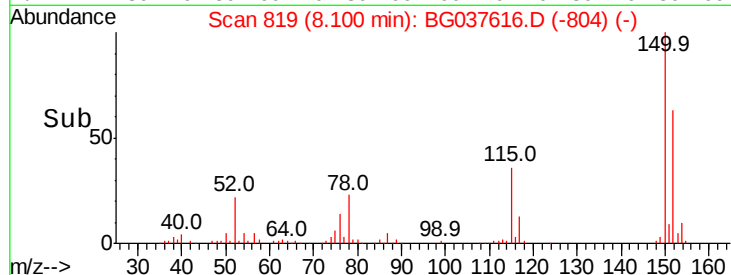
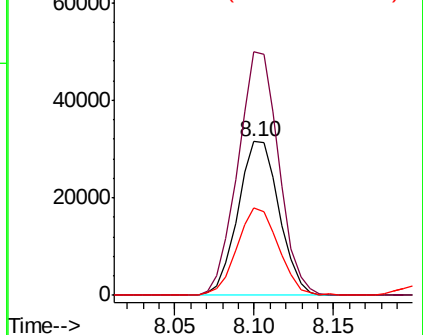


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

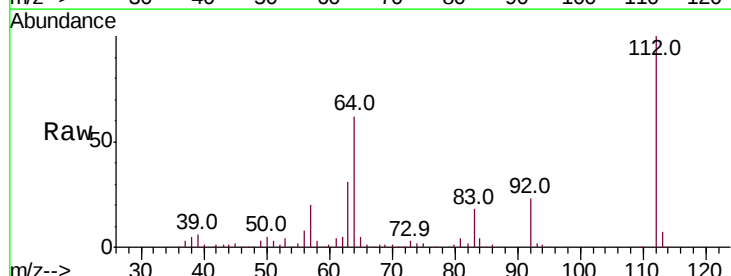
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 53.658 ng
RT: 5.64 min Scan# 401
Delta R.T. -0.00 min
Lab File: BG037616.D
Acq: 29 Oct 2018 10:39

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.9	53.1	79.7
63	31.2	27.3	40.9

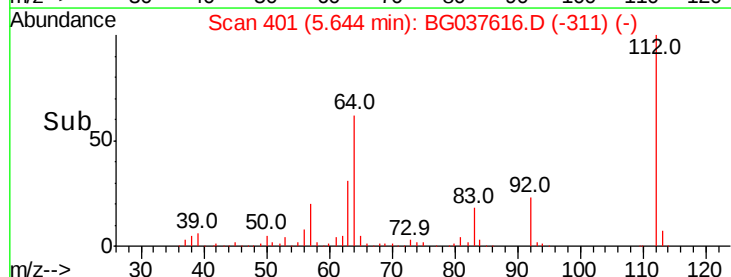
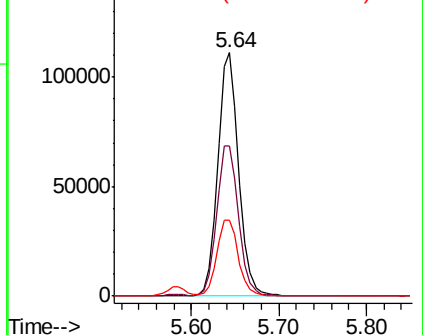


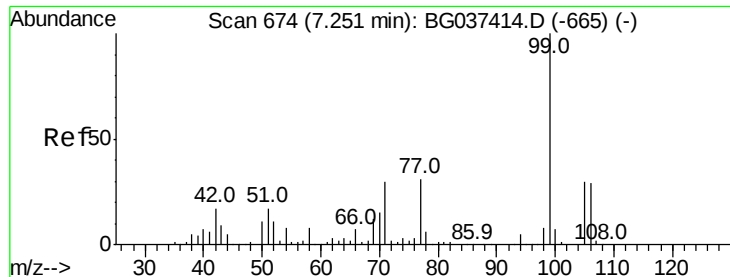
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 32.377 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037616.D

Acq: 29 Oct 2018 10:39

Instrument :

BNA_G

ClientSampleId :

MW-15

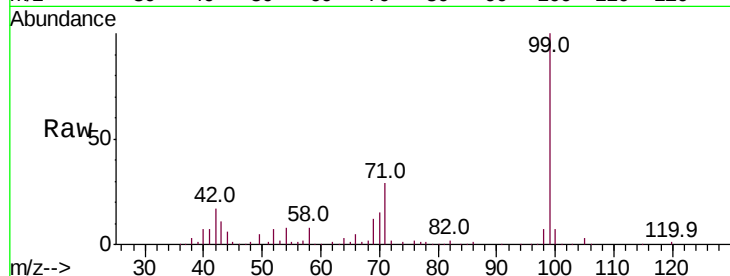
Tot Ion: 99 Resp: 166889

Ion Ratio Lower Upper

99 100

42 17.5 15.0 22.4

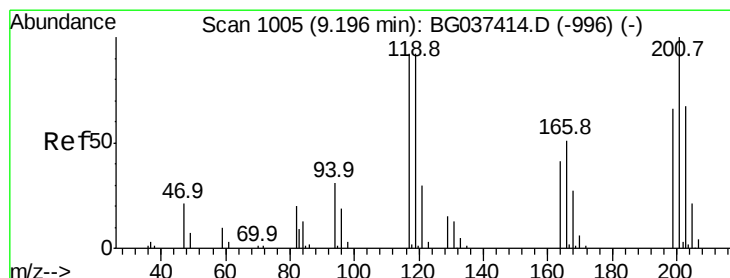
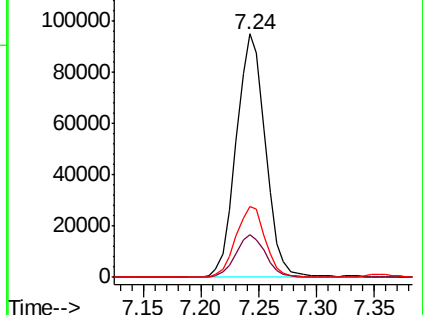
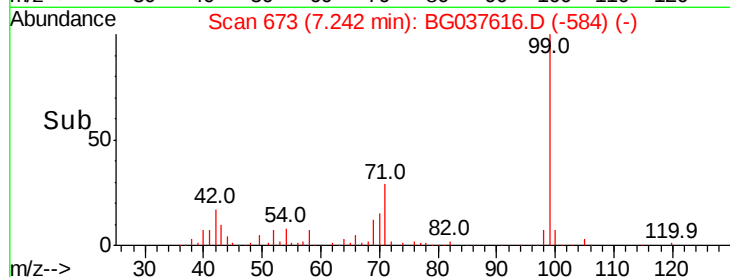
71 29.2 25.5 38.3



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



#18

Hexachloroethane

Concen: 13.191 ng

RT: 9.21 min Scan# 1008

Delta R.T. 0.01 min

Lab File: BG037616.D

Acq: 29 Oct 2018 10:39

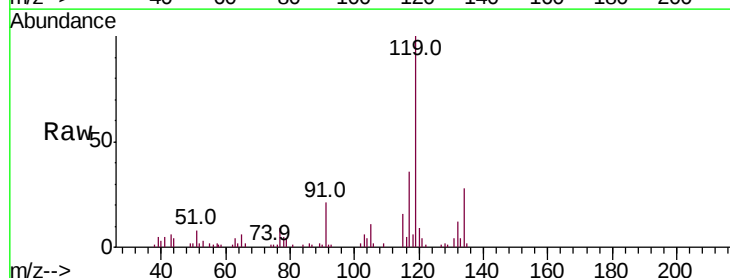
Tgt Ion:117 Resp: 20422

Ion Ratio Lower Upper

117 100

119 276.7 74.6 111.8#

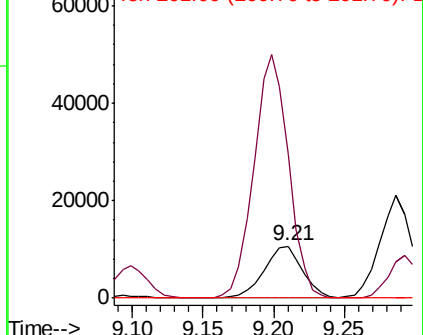
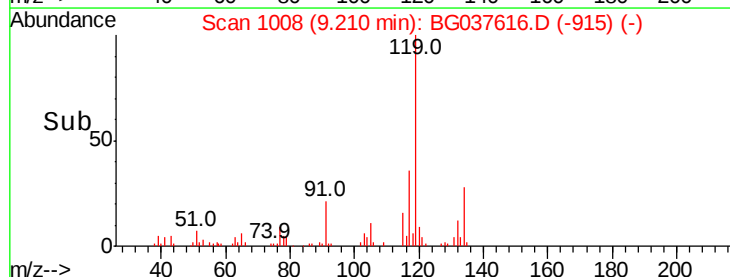
201 0.0 80.8 121.2#

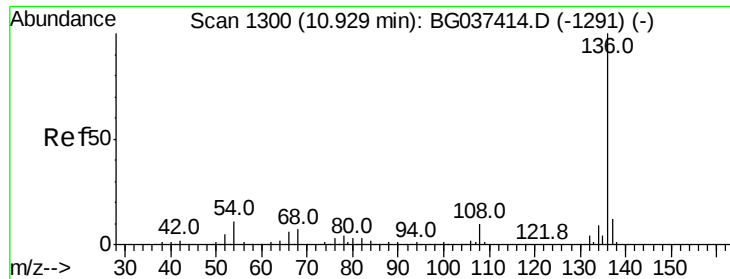


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.92 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BG037616.D

Acq: 29 Oct 2018 10:39

Instrument :

BNA_G

ClientSampleId :

MW-15

Tot Ion:136 Resp: 249098

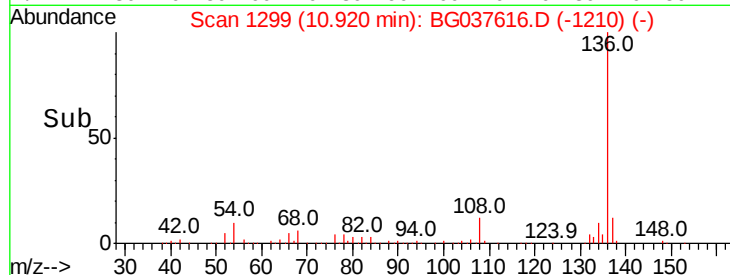
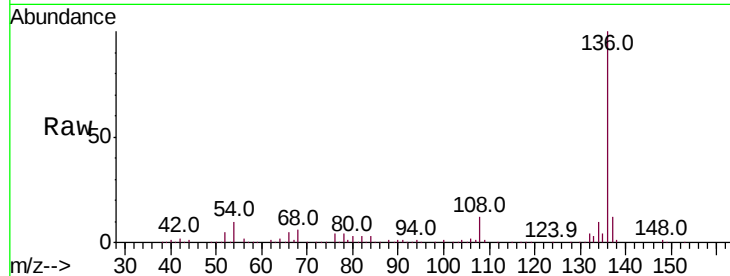
Ion Ratio Lower Upper

136 100

137 12.0 9.6 14.4

54 10.1 7.9 11.9

68 6.5 4.8 7.2

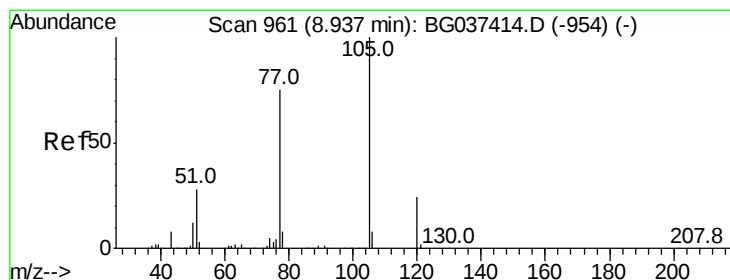
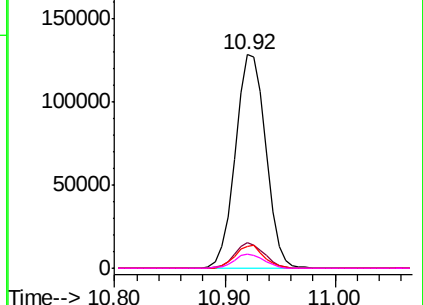


Abundance Ion 136.00 (135.70 to 136.70): E

200000 Ion 137.00 (136.70 to 137.70): E

150000 Ion 54.00 (53.70 to 54.70): BGC

100000 Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 2.720 ng

RT: 8.90 min Scan# 955

Delta R.T. -0.04 min

Lab File: BG037616.D

Acq: 29 Oct 2018 10:39

Tgt Ion:105 Resp: 16993

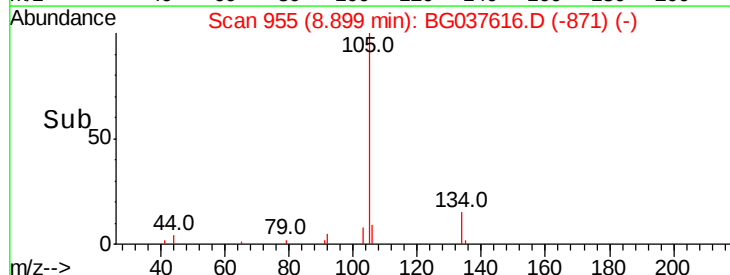
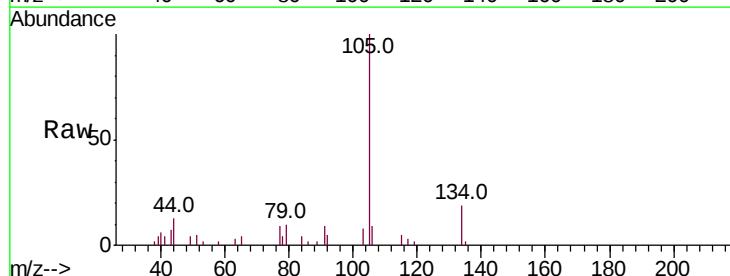
Ion Ratio Lower Upper

105 100

71 0.0 1.2 1.8#

51 5.2 25.0 37.6#

120 0.0 18.6 28.0#

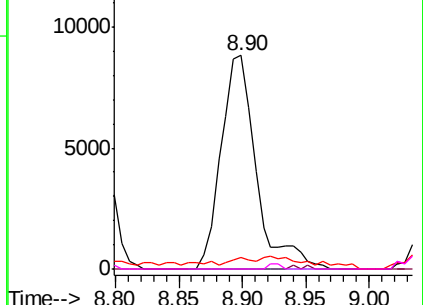


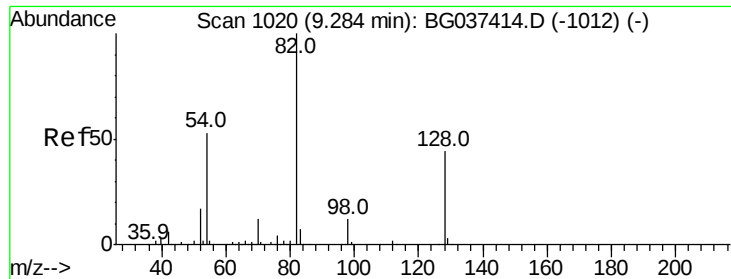
Abundance Ion 105.00 (104.70 to 105.70): E

10000 Ion 71.00 (70.70 to 71.70): BGC

5000 Ion 51.00 (50.70 to 51.70): BGC

0 Ion 120.00 (119.70 to 120.70): E

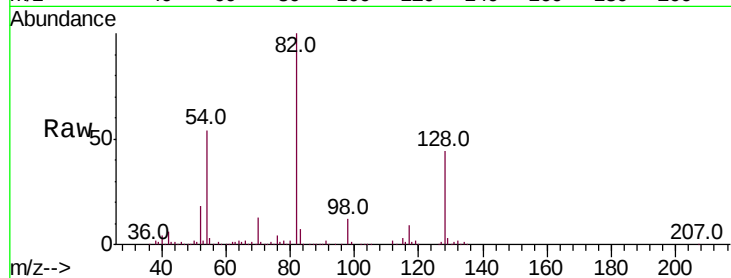




#23
Nitrobenzene-d5
Concen: 79.971 ng
RT: 9.28 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BG037616.D
Acq: 29 Oct 2018 10:39

Instrument :
BNA_G
ClientSampleId :
MW-15

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.6	34.6	51.8
54	54.1	45.3	67.9

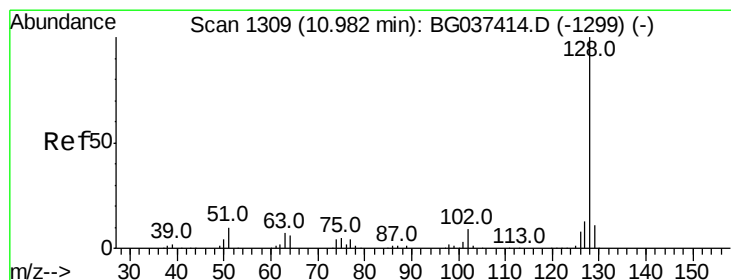
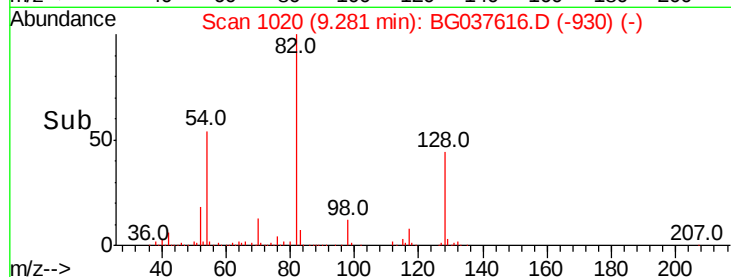
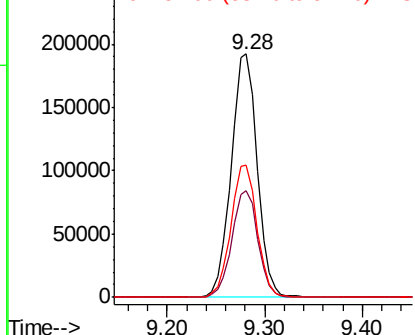


Abundance

Ion 82.00 (81.70 to 82.70): BGC

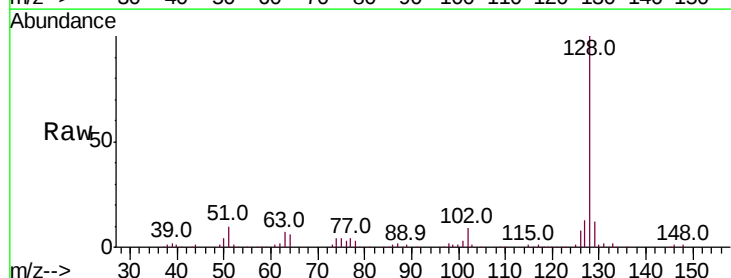
Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#31
Naphthalene
Concen: 18.480 ng
RT: 10.97 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BG037616.D
Acq: 29 Oct 2018 10:39

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.0	13.6
127	13.3	11.1	16.7

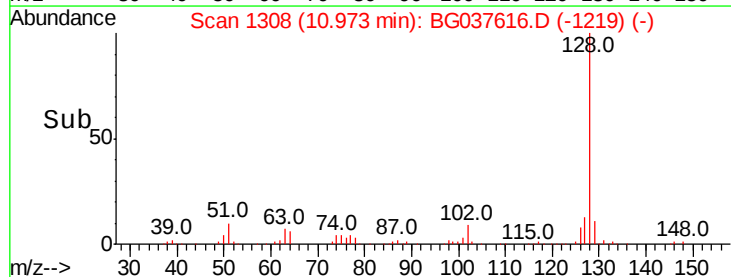
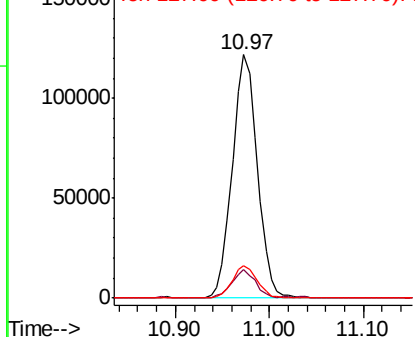


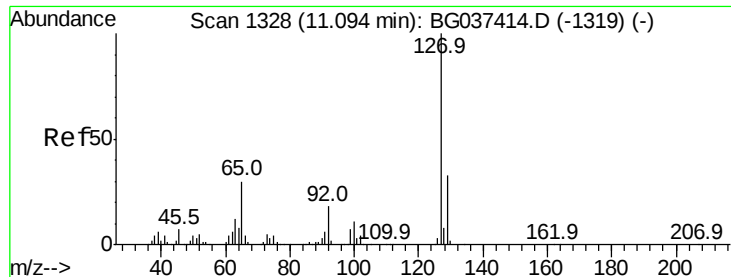
Abundance

Ion 128.00 (127.70 to 128.70): BGC

Ion 129.00 (128.70 to 129.70): BGC

Ion 127.00 (126.70 to 127.70): BGC

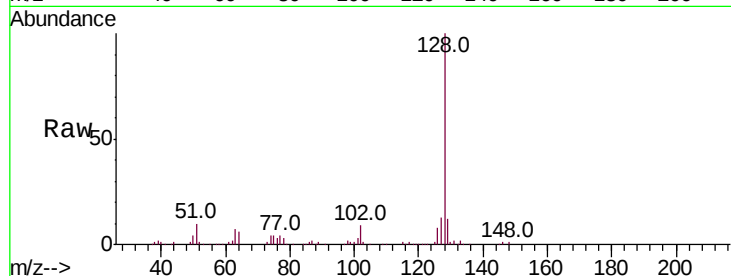




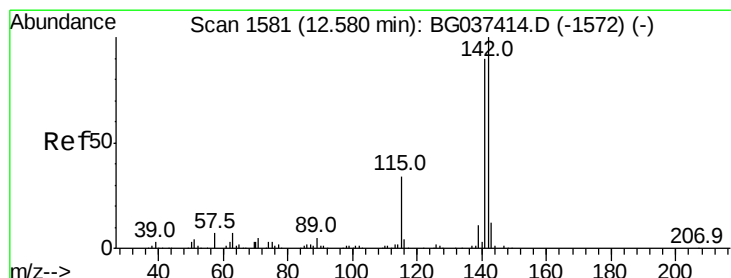
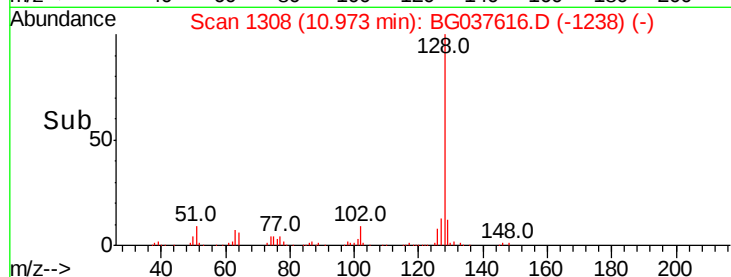
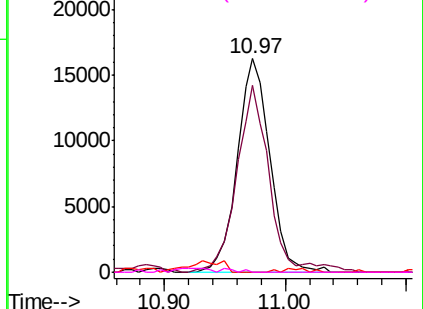
#33
4-Chloroaniline
Concen: 5.309 ng
RT: 10.97 min Scan# 1308
Delta R.T. -0.12 min
Lab File: BG037616.D
Acq: 29 Oct 2018 10:39

Instrument :
BNA_G
ClientSampled :
MW-15

Tot Ion:	127	Resp:	30522
Ion	Ratio	Lower	Upper
127	100		
129	87.3	27.1	40.7#
65	0.0	26.6	39.8#
92	0.0	16.4	24.6#

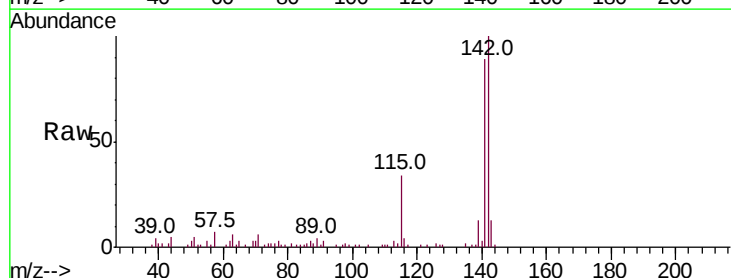


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

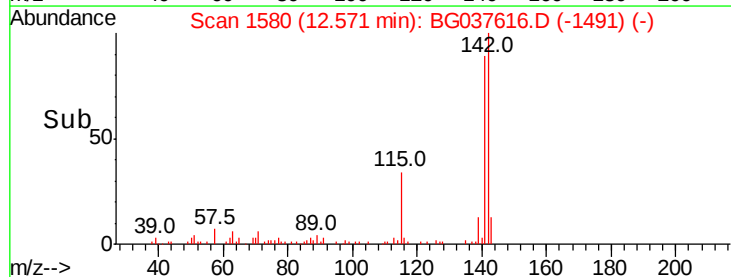
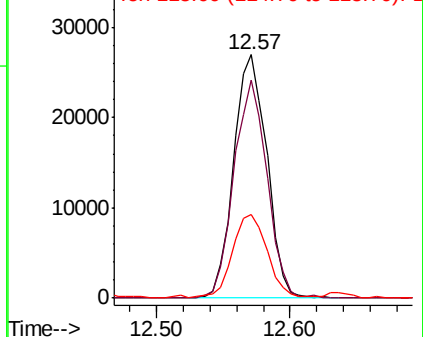


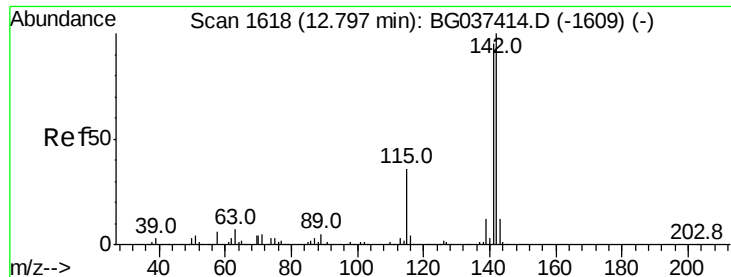
#37
2-Methylnaphthalene
Concen: 5.184 ng
RT: 12.57 min Scan# 1580
Delta R.T. -0.01 min
Lab File: BG037616.D
Acq: 29 Oct 2018 10:39

Tgt Ion:	142	Resp:	46232
Ion	Ratio	Lower	Upper
142	100		
141	89.4	71.9	107.9
115	34.4	27.8	41.8



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

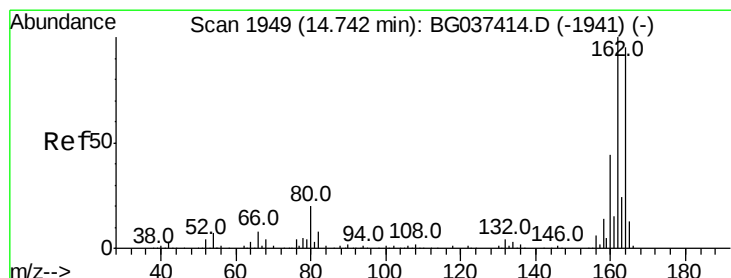
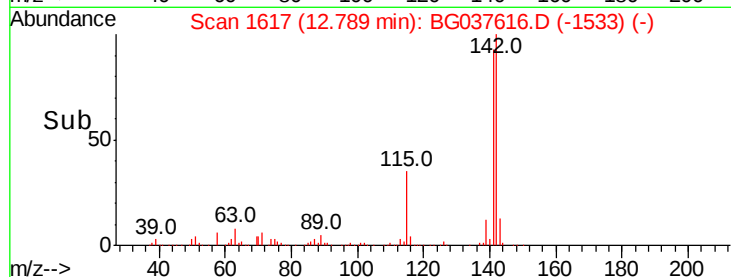
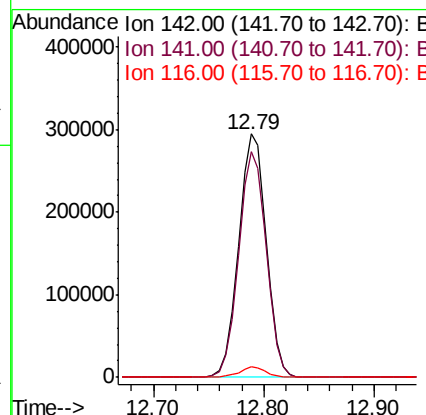
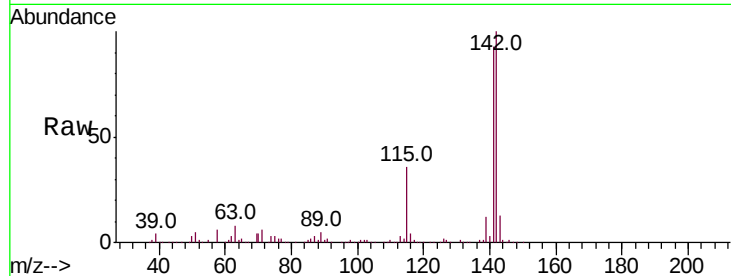




#38
1-Methylnaphthalene
Concen: 59.724 ng
RT: 12.79 min Scan# 1617
Delta R.T. -0.01 min
Lab File: BG037616.D
Acq: 29 Oct 2018 10:39

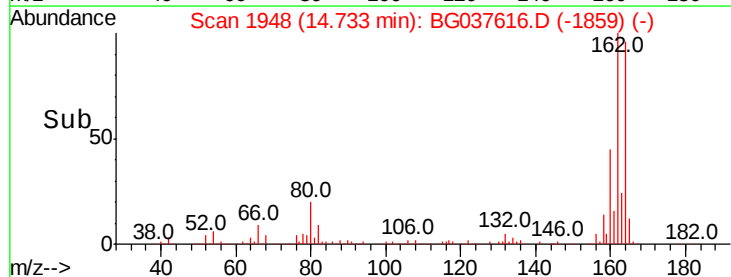
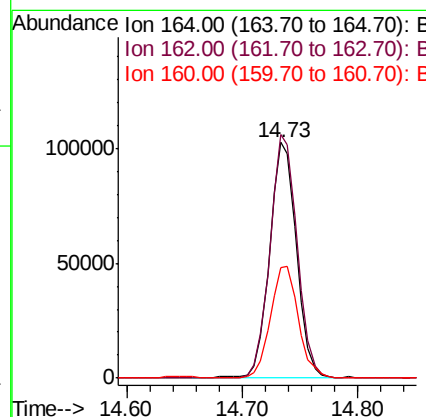
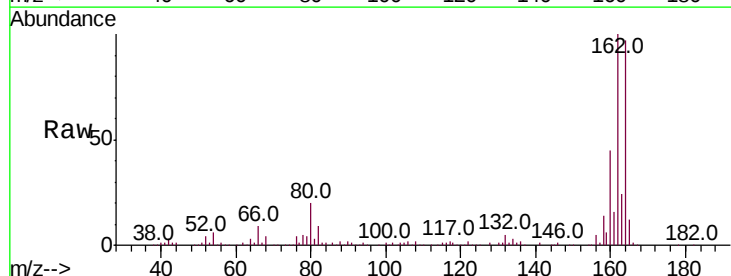
Instrument :
BNA_G
ClientSampleId :
MW-15

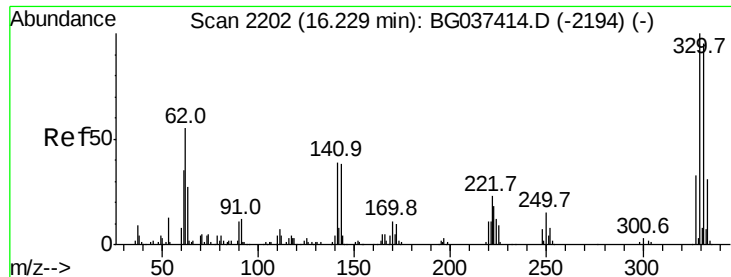
Tot Ion	Ratio	Lower	Upper
142	100		
141	92.8	75.2	112.8
116	4.1	3.3	4.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BG037616.D
Acq: 29 Oct 2018 10:39

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.4	81.3	121.9
160	46.9	36.3	54.5

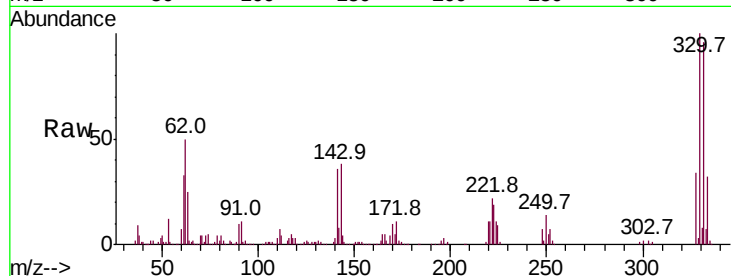




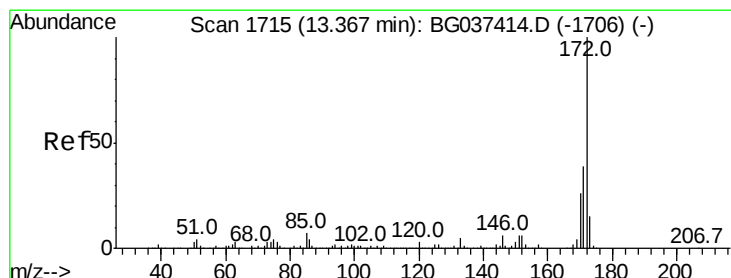
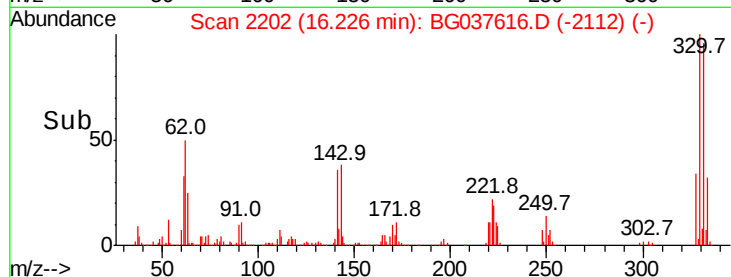
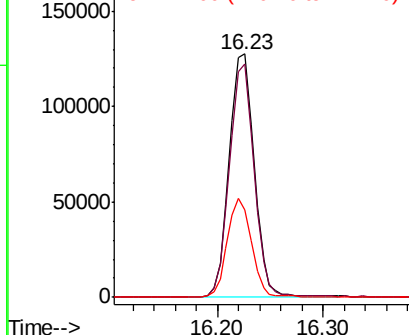
#42
 2,4,6-Tribromophenol
 Concen: 115.396 ng
 RT: 16.23 min Scan# 2202
 Delta R.T. -0.00 min
 Lab File: BG037616.D
 Acq: 29 Oct 2018 10:39

Instrument :
 BNA_G
 ClientSampleId :
 MW-15

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.9	78.4	117.6
141	39.4	32.2	48.2

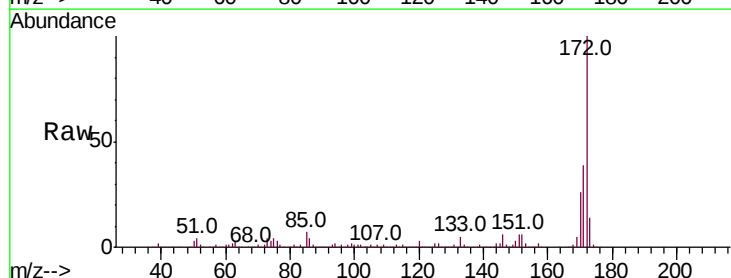


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

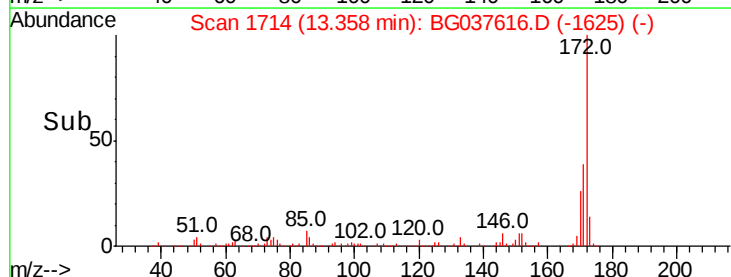
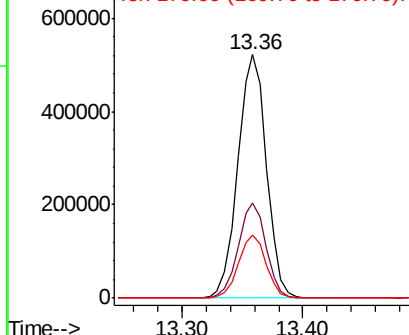


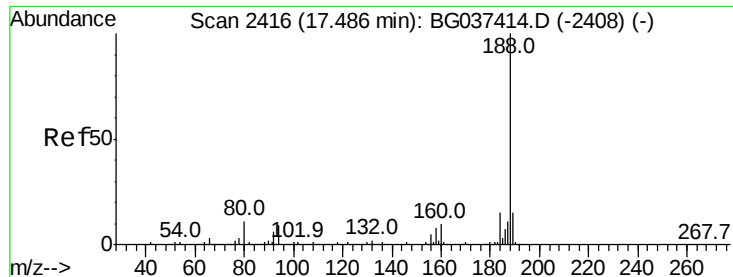
#45
 2-Fluorobiphenyl
 Concen: 77.477 ng
 RT: 13.36 min Scan# 1714
 Delta R.T. -0.01 min
 Lab File: BG037616.D
 Acq: 29 Oct 2018 10:39

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.0	31.0	46.4
170	25.8	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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.48 min Scan# 2416

Delta R.T. -0.00 min

Lab File: BG037616.D

Acq: 29 Oct 2018 10:39

Instrument :

BNA_G

ClientSampleId :

MW-15

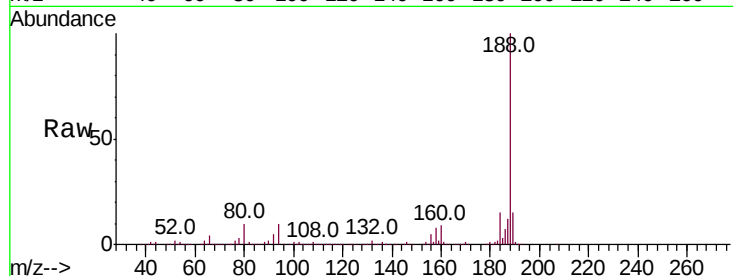
Tot Ion:188 Resp: 403474

Ion Ratio Lower Upper

188 100

94 9.7 7.2 10.8

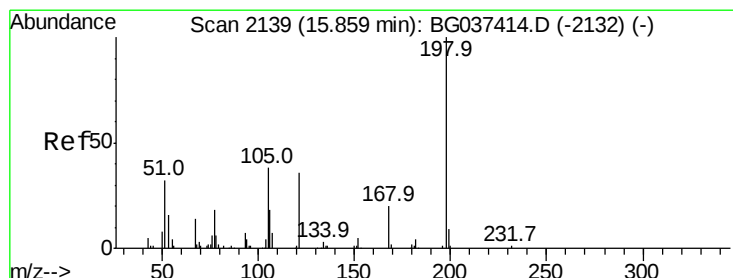
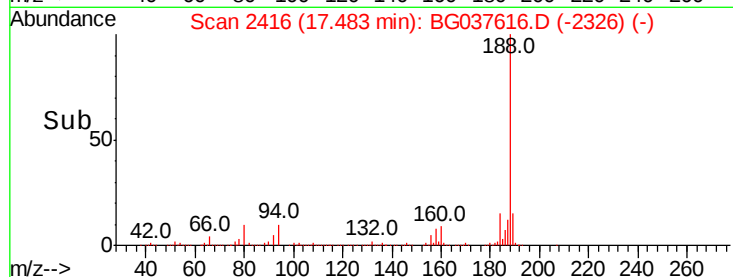
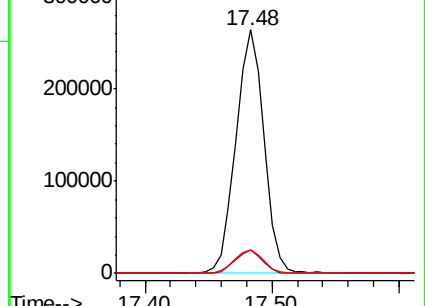
80 9.9 7.7 11.5



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



#65

4,6-Dinitro-2-methylphenol

Concen: 8.749 ng

RT: 16.23 min Scan# 2202

Delta R.T. 0.37 min

Lab File: BG037616.D

Acq: 29 Oct 2018 10:39

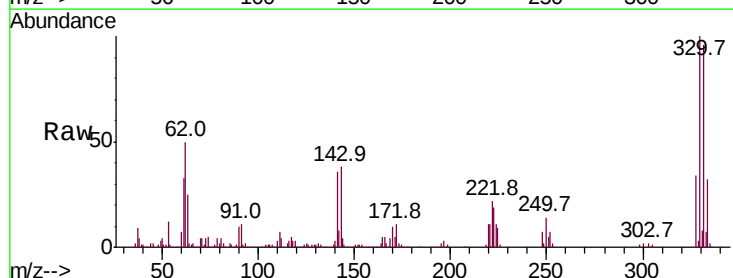
Tgt Ion:198 Resp: 621

Ion Ratio Lower Upper

198 100

51 39.2 22.7 62.7

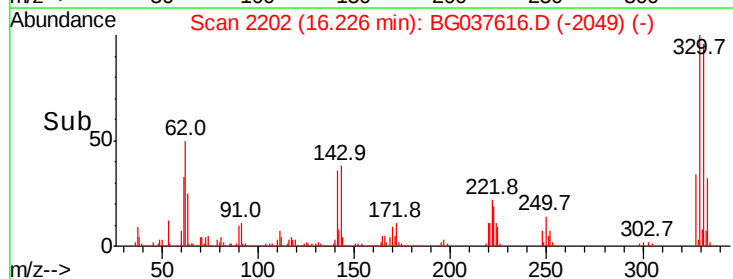
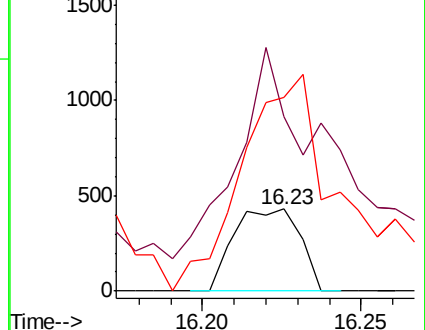
105 43.4 19.7 59.7

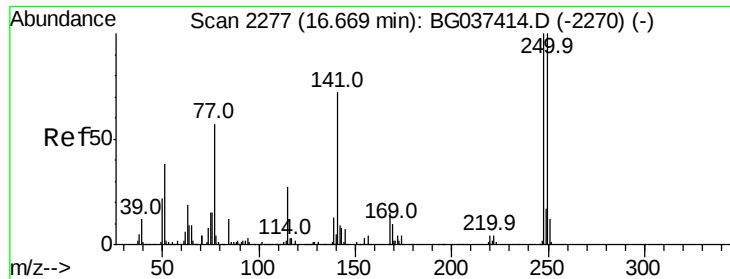


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E

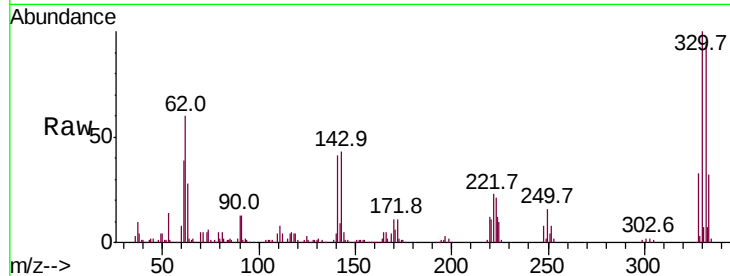




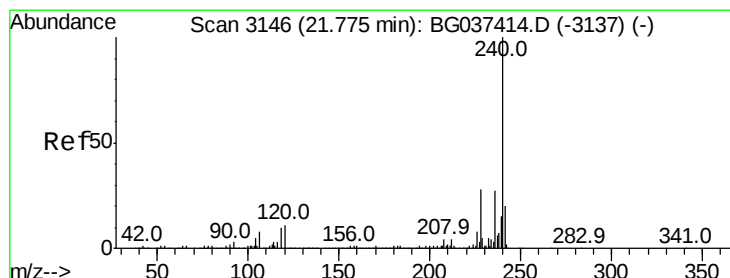
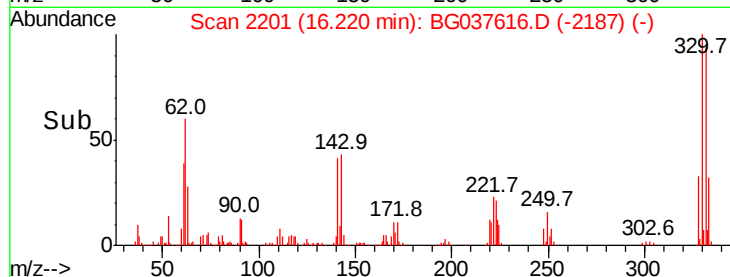
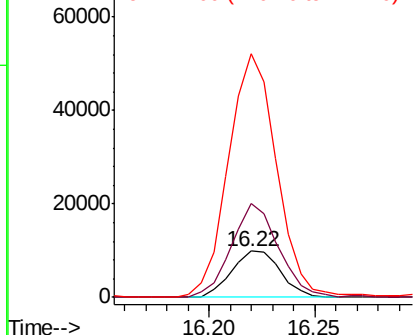
#67
 4-Bromophenyl-phenylether
 Concen: 3.574 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. -0.45 min
 Lab File: BG037616.D
 Acq: 29 Oct 2018 10:39

Instrument :
 BNA_G
 ClientSampleId :
 MW-15

Tot Ion:248 Resp: 15835
 Ion Ratio Lower Upper
 248 100
 250 198.0 77.0 115.6#
 141 404.2 55.5 83.3#

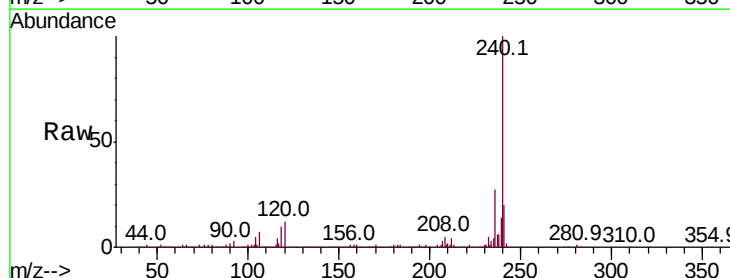


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

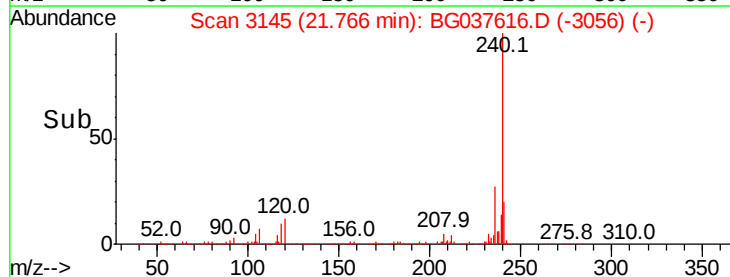
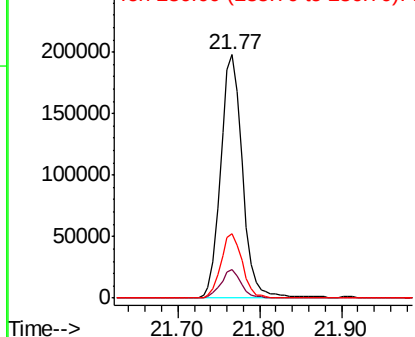


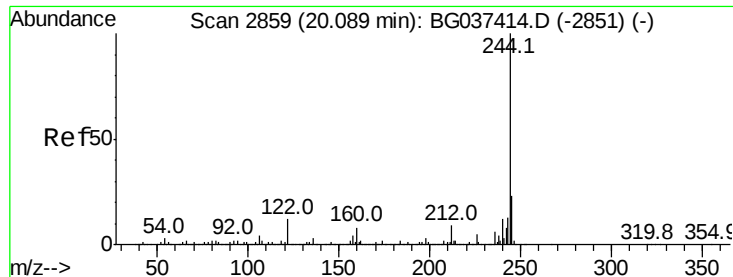
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.77 min Scan# 3145
 Delta R.T. -0.01 min
 Lab File: BG037616.D
 Acq: 29 Oct 2018 10:39

Tgt Ion:240 Resp: 368433
 Ion Ratio Lower Upper
 240 100
 120 11.5 8.1 12.1
 236 26.6 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: 75.111 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037616.D

Acq: 29 Oct 2018 10:39

Instrument :

BNA_G

ClientSampled :

MW-15

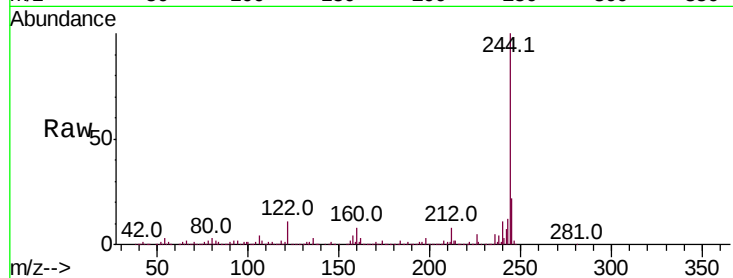
Tot Ion:244 Resp: 1295104

Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.5	9.7
122	11.4	9.0	13.4

244 100

212 8.3 6.5 9.7

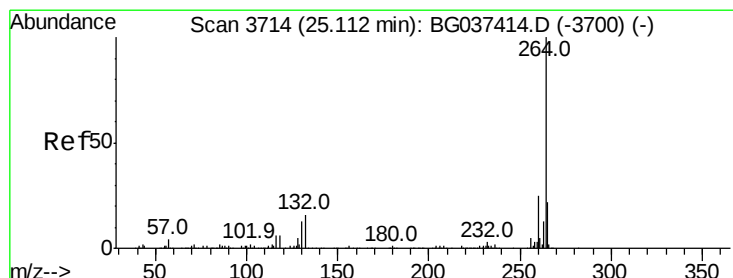
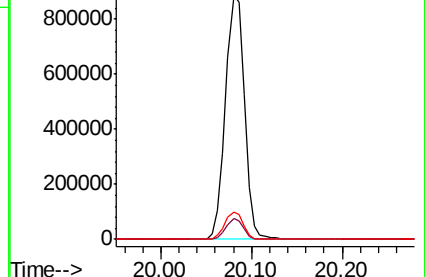
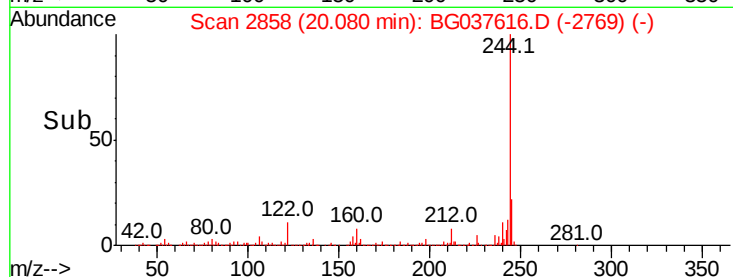
122 11.4 9.0 13.4



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. -0.01 min

Lab File: BG037616.D

Acq: 29 Oct 2018 10:39

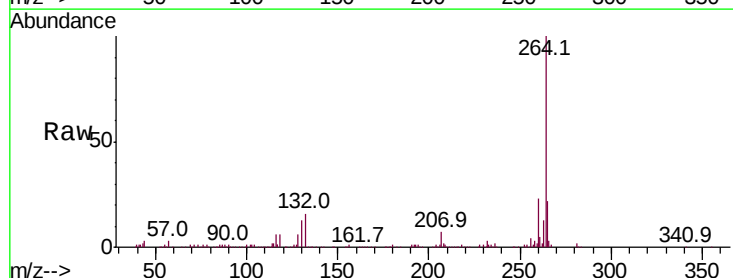
Tgt Ion:264 Resp: 346246

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.2	27.4
265	22.0	17.9	26.9

264 100

260 23.2 18.2 27.4

265 22.0 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

