

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101118\
 Data File : BG037289.D
 Acq On : 12 Oct 2018 12:58
 Operator : JU/SJ
 Sample : PB113678BL
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 12 14:13:53 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 11 13:59:58 2018
 Response via : Initial Calibration

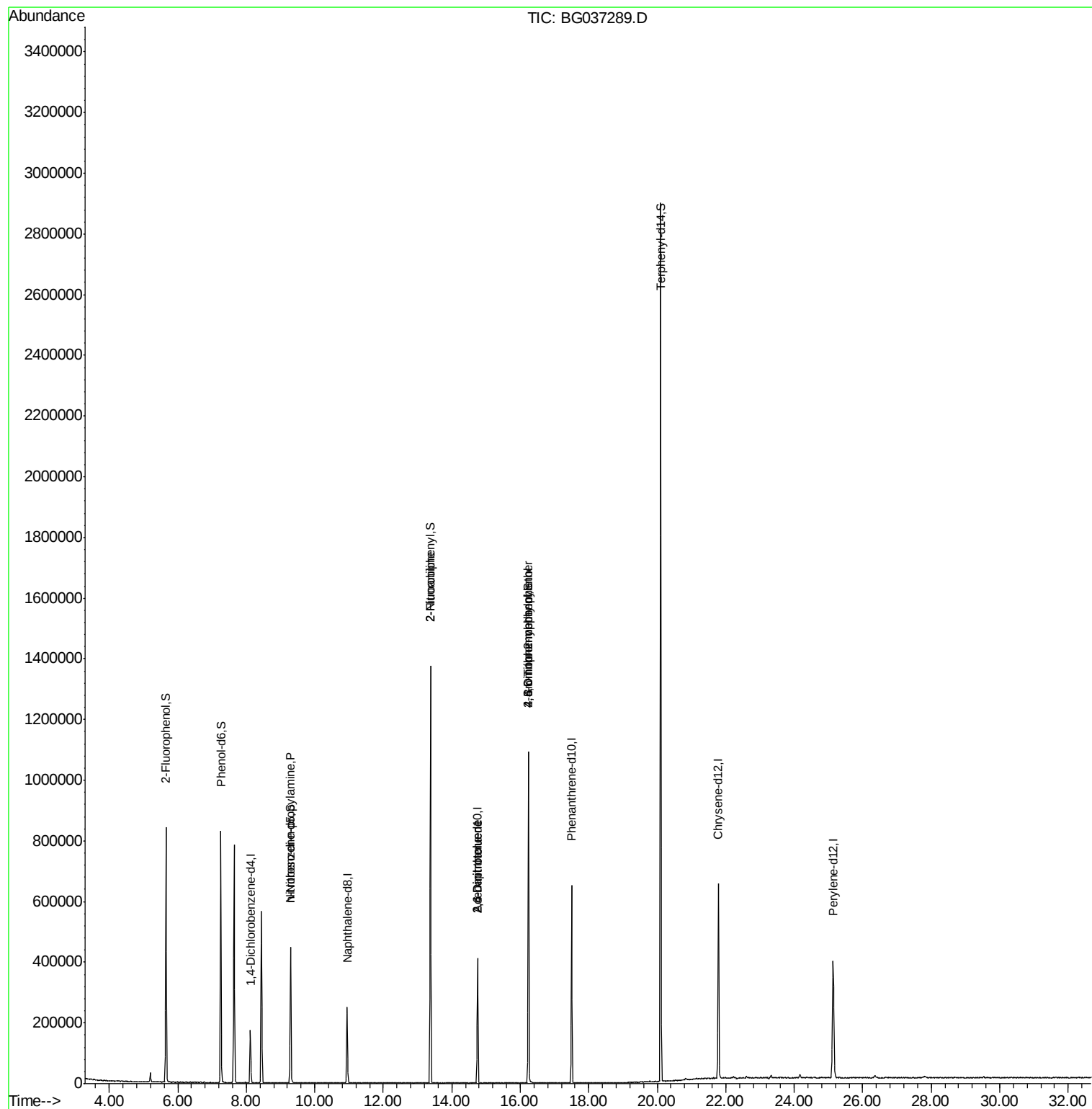
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	53173	20.00	ng	0.00
21) Naphthalene-d8	10.94	136	224524	20.00	ng	0.00
39) Acenaphthene-d10	14.75	164	149328	20.00	ng	0.00
64) Phenanthrene-d10	17.50	188	411201	20.00	ng	0.00
76) Chrysene-d12	21.78	240	418051	20.00	ng	-0.01
87) Perylene-d12	25.14	264	414475	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	382326	126.54	ng	0.00
7) Phenol-d6	7.26	99	530466	115.67	ng	0.00
23) Nitrobenzene-d5	9.29	82	286877	84.00	ng	0.00
42) 2,4,6-Tribromophenol	16.24	330	197833	135.09	ng	0.00
45) 2-Fluorobiphenyl	13.38	172	756206	76.05	ng	0.00
79) Terphenyl-d14	20.10	244	1408829	70.76	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.30	70	35824	10.318	ng	# 73
48) 2-Nitroaniline	13.38	65	1220	6.182	ng	# 15
51) 2,6-Dinitrotoluene	14.75	165	19181	12.382	ng	# 23
57) 2,4-Dinitrotoluene	14.75	165	19181	11.242	ng	# 23
65) 4,6-Dinitro-2-methylphenol	16.23	198	171	6.062	ng	# 72
67) 4-Bromophenyl-phenylether	16.24	248	15178	3.420	ng	# 1

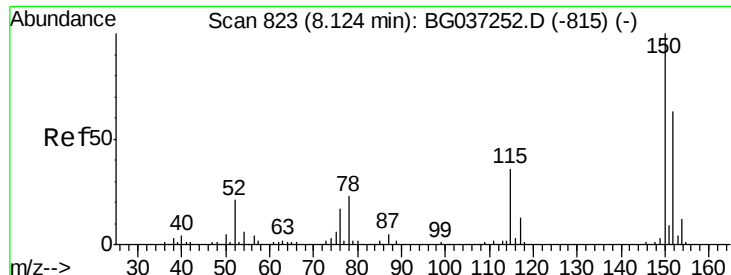
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101118\
Data File : BG037289.D
Acq On : 12 Oct 2018 12:58
Operator : JU/SJ
Sample : PB113678BL
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Oct 12 14:13:53 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 11 13:59:58 2018
Response via : Initial Calibration



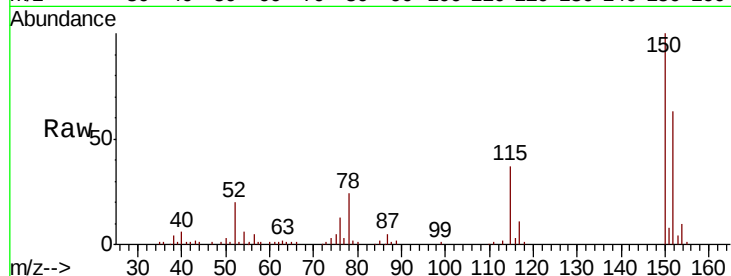


#1

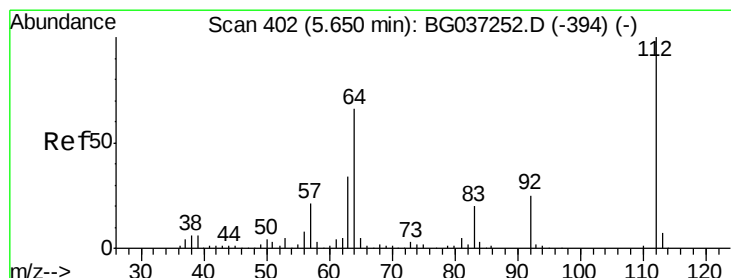
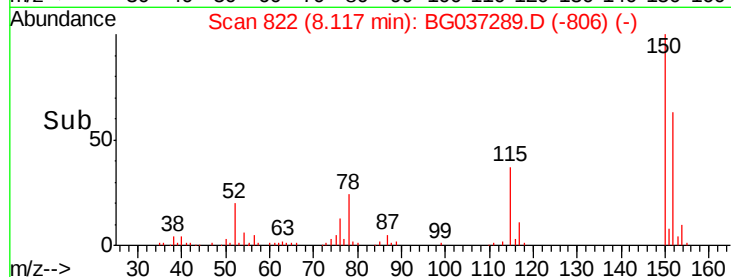
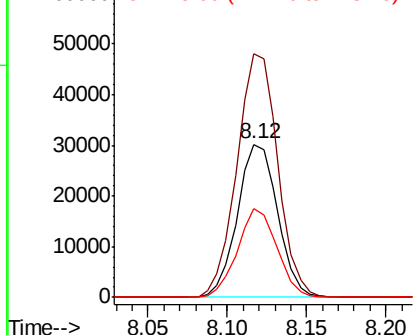
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 822
Delta R.T. -0.01 min
Lab File: BG037289.D
Acq: 12 Oct 2018 12:58

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 53173
Ion Ratio Lower Upper
152 100
150 158.8 126.0 189.0
115 58.3 45.5 68.3



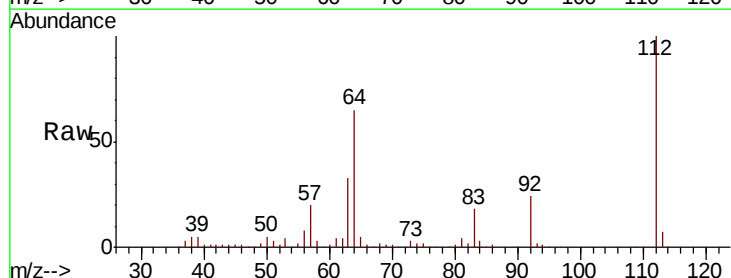
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



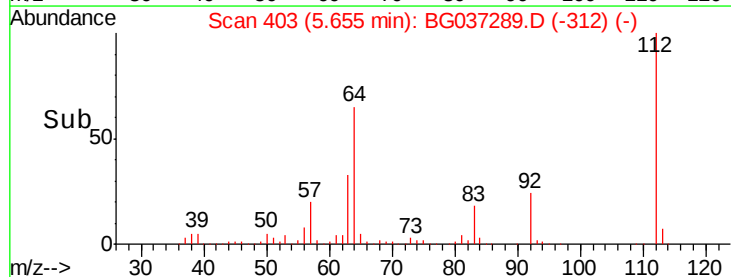
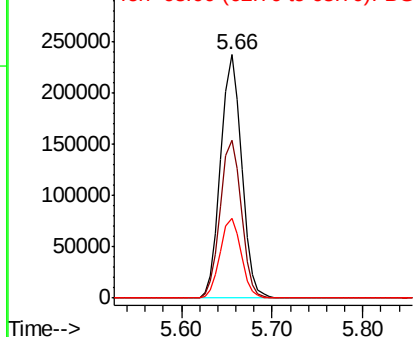
#5

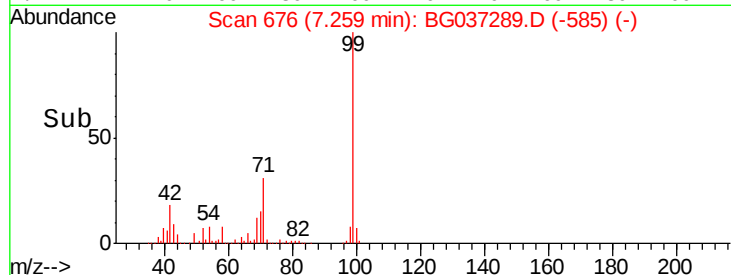
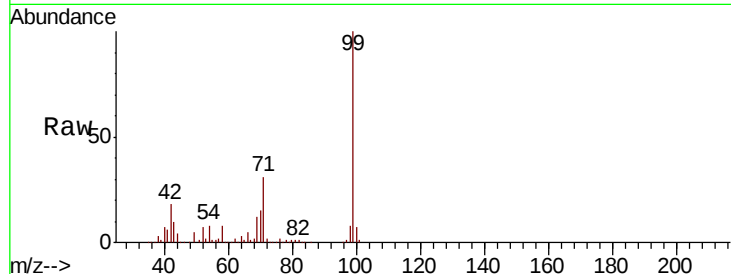
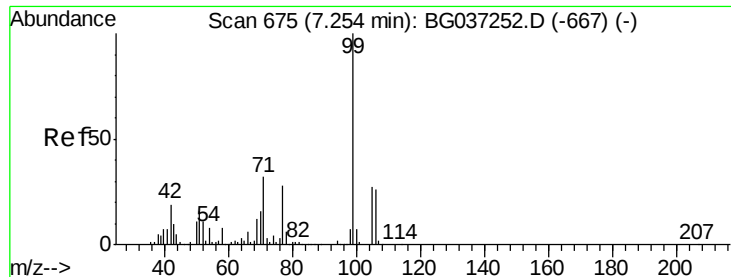
2-Fluorophenol
Concen: 126.541 ng
RT: 5.66 min Scan# 403
Delta R.T. 0.01 min
Lab File: BG037289.D
Acq: 12 Oct 2018 12:58

Tgt Ion:112 Resp: 382326
Ion Ratio Lower Upper
112 100
64 64.7 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

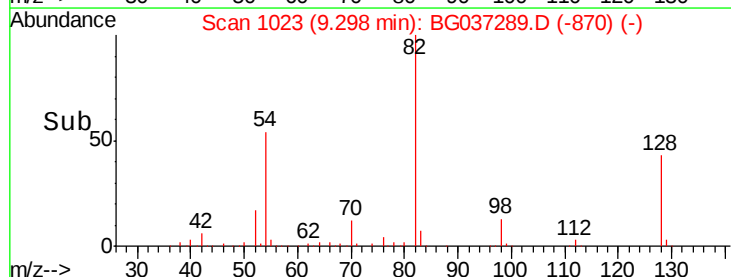
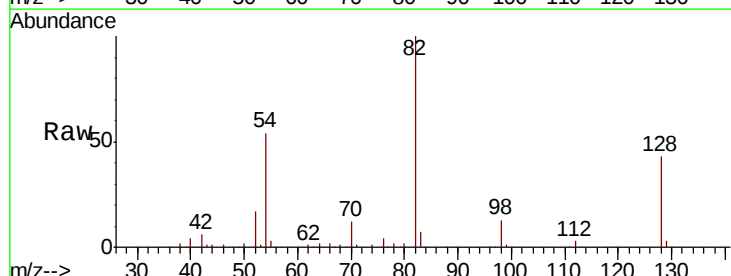
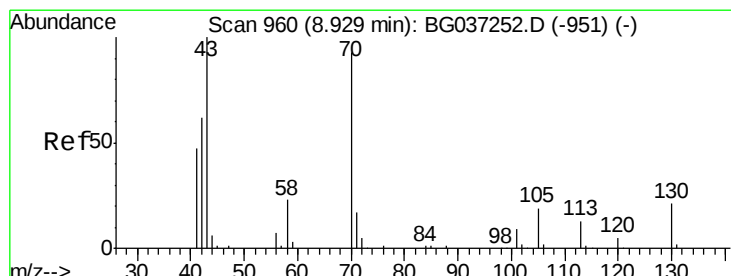
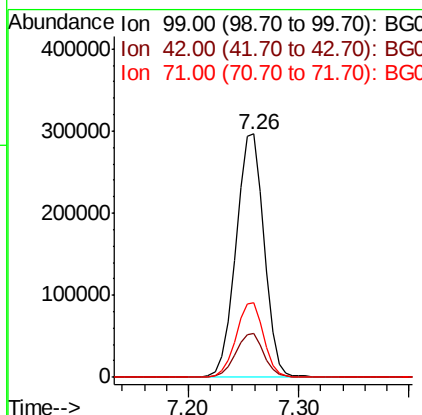




#7
Phenol-d6
Concen: 115.673 ng
RT: 7.26 min Scan# 676
Delta R.T. 0.00 min
Lab File: BG037289.D
Acq: 12 Oct 2018 12:58

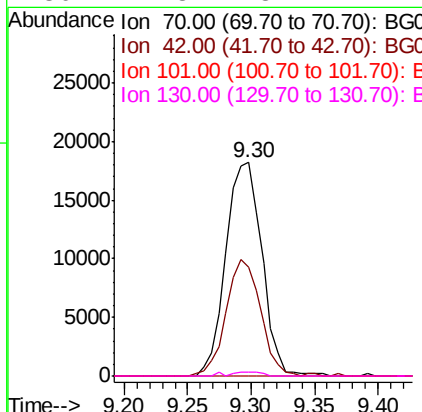
Instrument :
BNA_G
ClientSampleId :

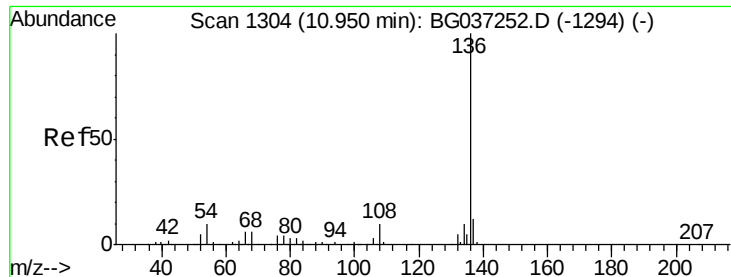
Tot Ion	Ratio	Lower	Upper
99	100		
42	17.9	15.0	22.4
71	30.8	25.5	38.3



#19
n-Nitroso-di-n-propylamine
Concen: 10.318 ng
RT: 9.30 min Scan# 1023
Delta R.T. 0.37 min
Lab File: BG037289.D
Acq: 12 Oct 2018 12:58

Tgt Ion	Ratio	Lower	Upper
70	100		
42	50.7	53.9	80.9#
101	0.0	8.2	12.2#
130	1.8	18.2	27.4#

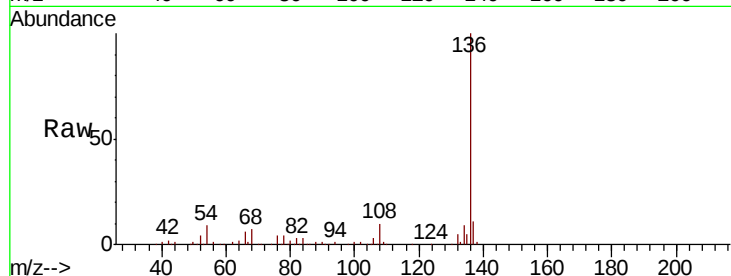




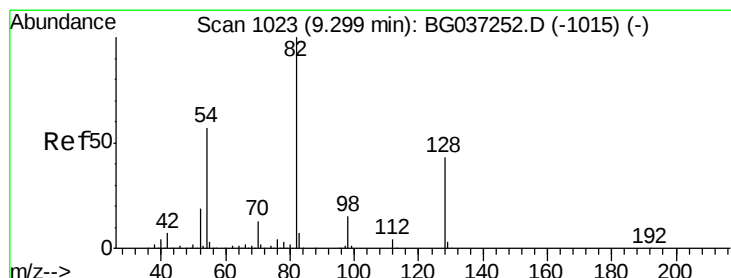
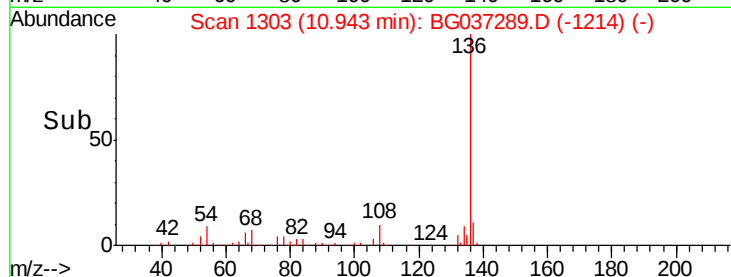
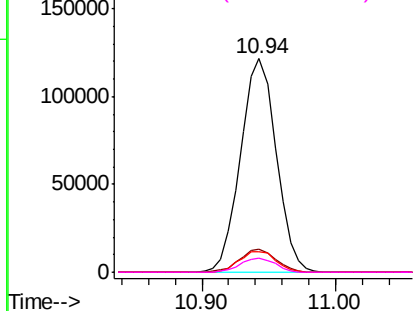
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.94 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BG037289.D
Acq: 12 Oct 2018 12:58

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	224524
Ion Ratio	Lower	Upper
136 100		
137 10.8	9.6	14.4
54 9.4	7.9	11.9
68 6.6	4.8	7.2

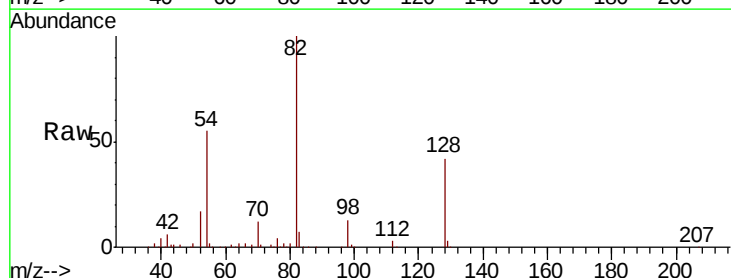


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

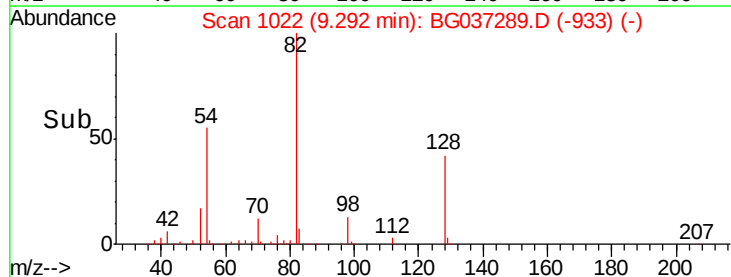
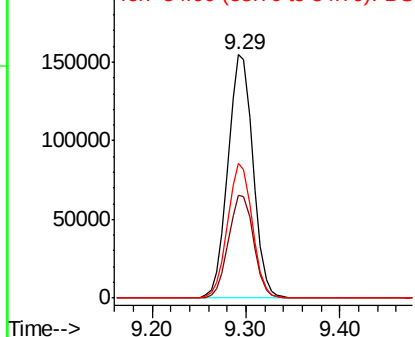


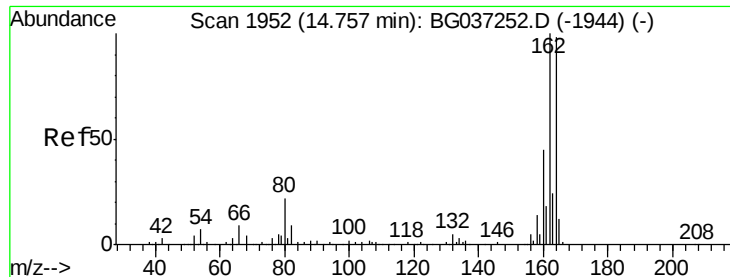
#23
Nitrobenzene-d5
Concen: 84.003 ng
RT: 9.29 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BG037289.D
Acq: 12 Oct 2018 12:58

Tgt Ion: 82	Resp: 286877
Ion Ratio	Lower Upper
82 100	
128 42.5	34.6 51.8
54 55.4	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

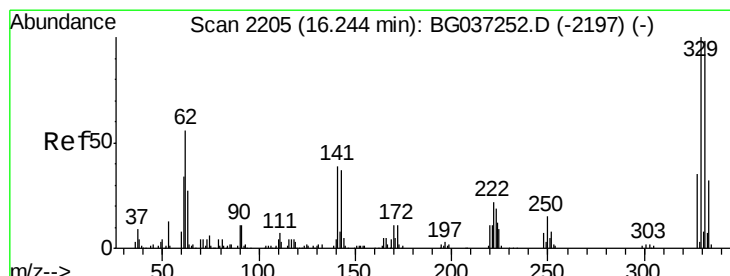
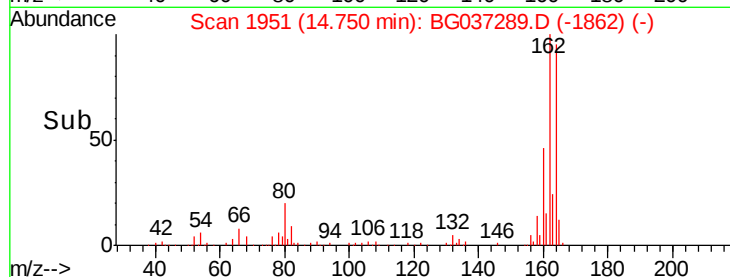
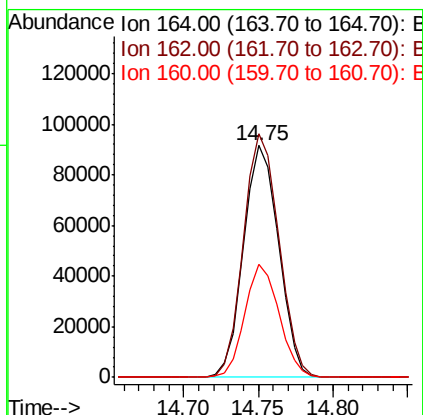
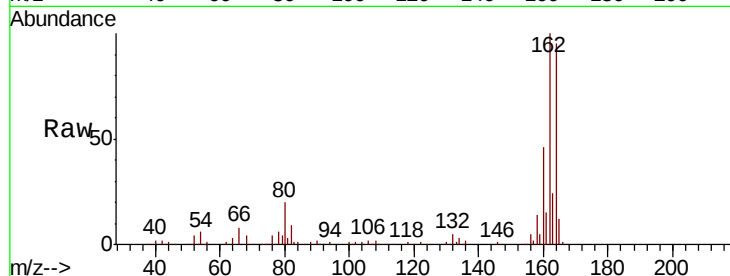




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.75 min Scan# 1951
Delta R.T. -0.01 min
Lab File: BG037289.D
Acq: 12 Oct 2018 12:58

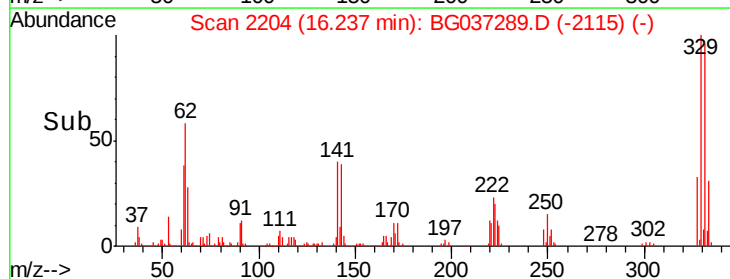
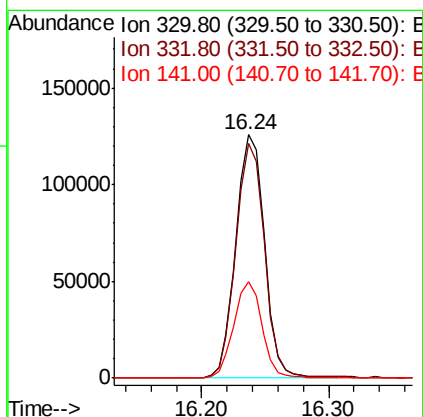
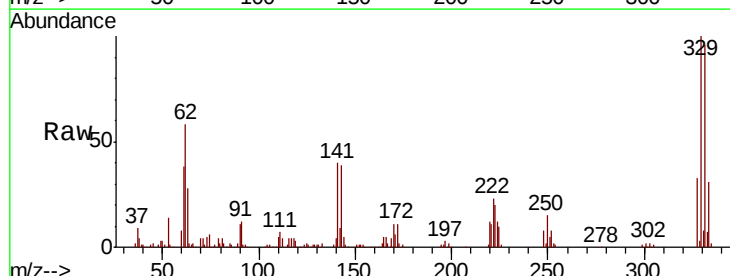
Instrument :
BNA_G
ClientSampleId :

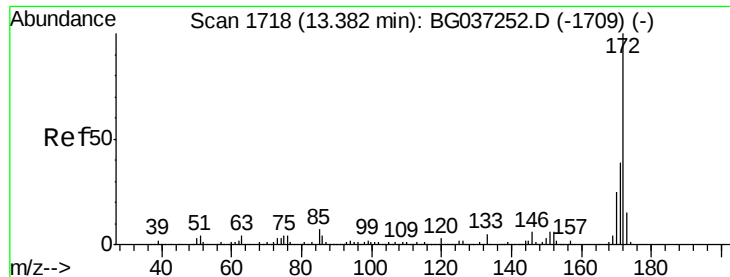
Tot Ion:164 Resp: 149328
Ion Ratio Lower Upper
164 100
162 105.1 81.3 121.9
160 48.8 36.3 54.5



#42
2,4,6-Tribromophenol
Concen: 135.087 ng
RT: 16.24 min Scan# 2204
Delta R.T. -0.01 min
Lab File: BG037289.D
Acq: 12 Oct 2018 12:58

Tgt Ion:330 Resp: 197833
Ion Ratio Lower Upper
330 100
332 96.6 78.4 117.6
141 38.9 32.2 48.2

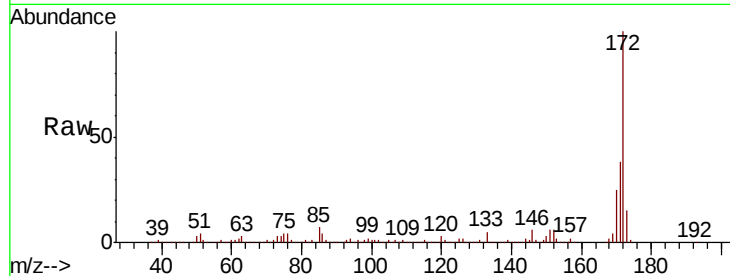




#45
2-Fluorobiphenyl
Concen: 76.050 ng
RT: 13.38 min Scan# 1717
Delta R.T. -0.01 min
Lab File: BG037289.D
Acq: 12 Oct 2018 12:58

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.6	31.0	46.4
170	25.4	20.2	30.2

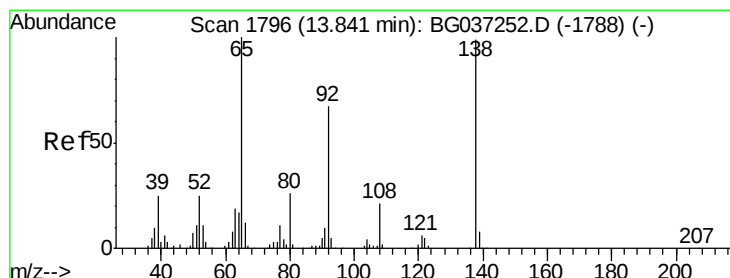
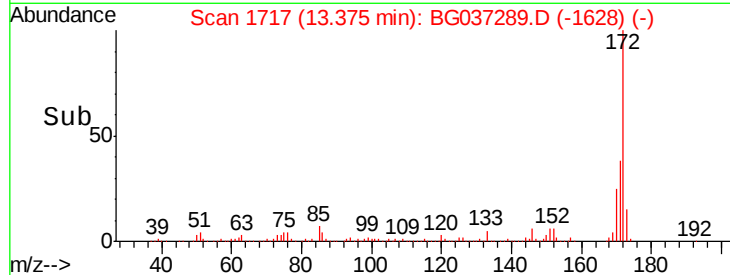
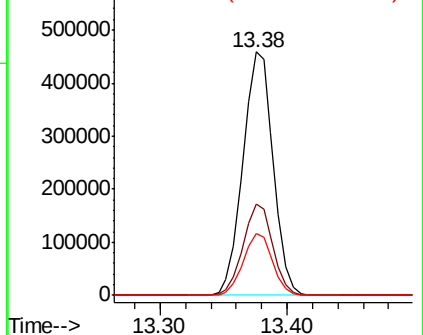


Abundance

Ion 172.00 (171.70 to 172.70): E

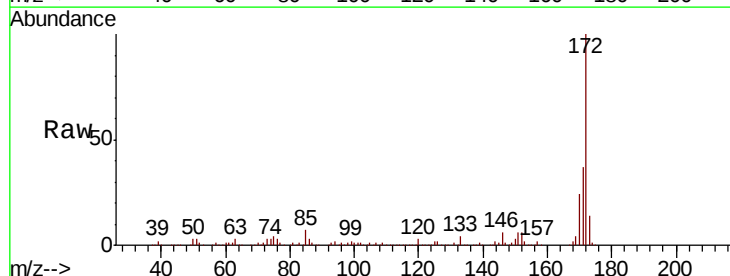
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#48
2-Nitroaniline
Concen: 6.182 ng
RT: 13.38 min Scan# 1718
Delta R.T. -0.46 min
Lab File: BG037289.D
Acq: 12 Oct 2018 12:58

Tgt Ion	Ratio	Lower	Upper
65	100		
92	159.4	53.2	79.8#
138	35.2	79.3	118.9#

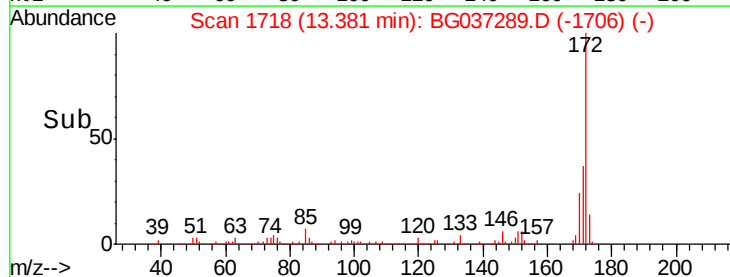
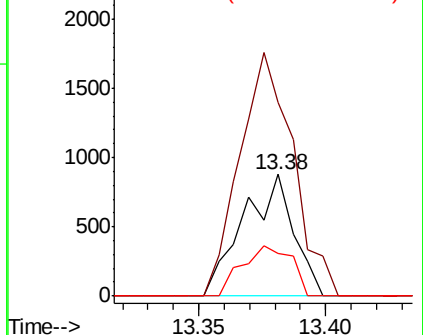


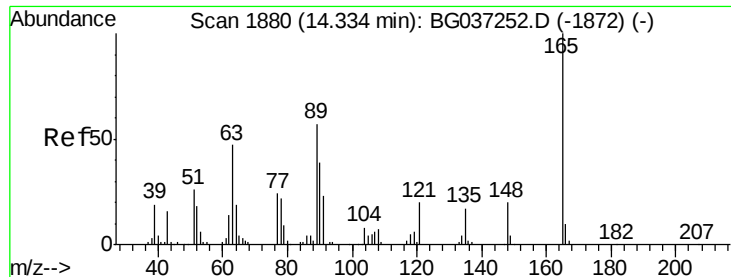
Abundance

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E

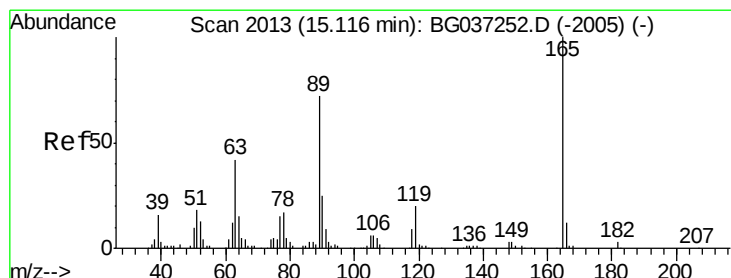
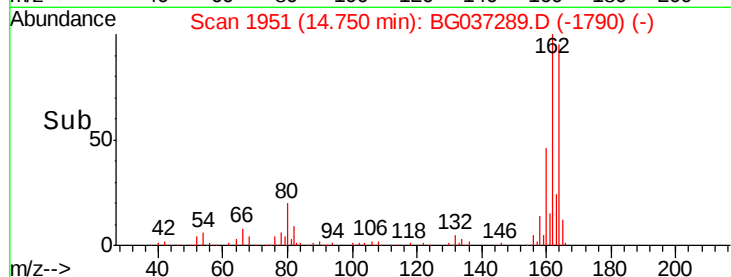
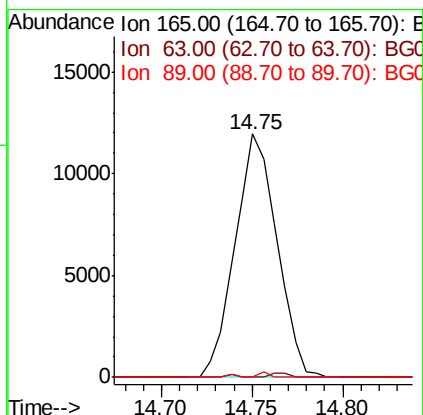
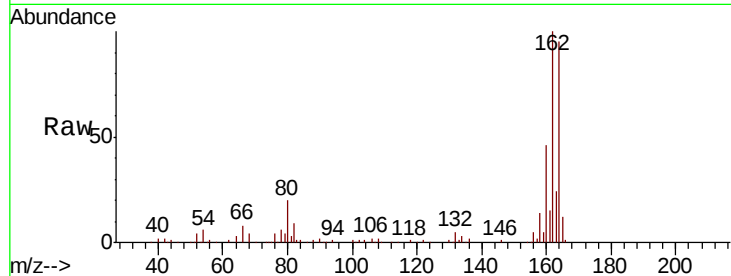




#51
 2,6-Dinitrotoluene
 Concen: 12.382 ng
 RT: 14.75 min Scan# 1951
 Delta R.T. 0.42 min
 Lab File: BG037289.D
 Acq: 12 Oct 2018 12:58

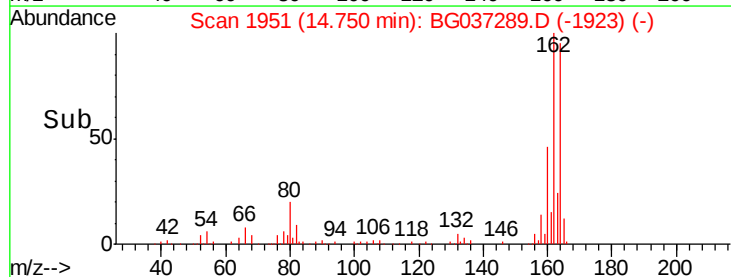
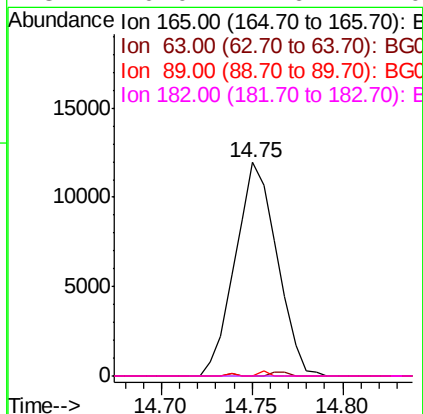
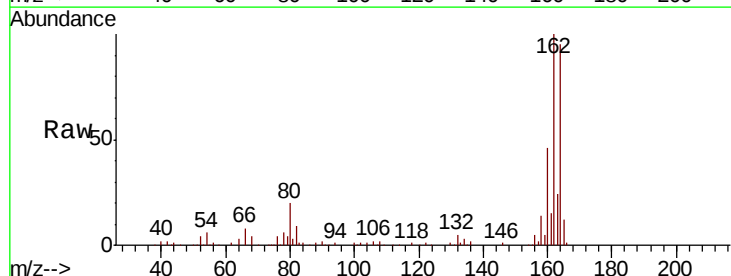
Instrument :
 BNA_G
 ClientSampleId :

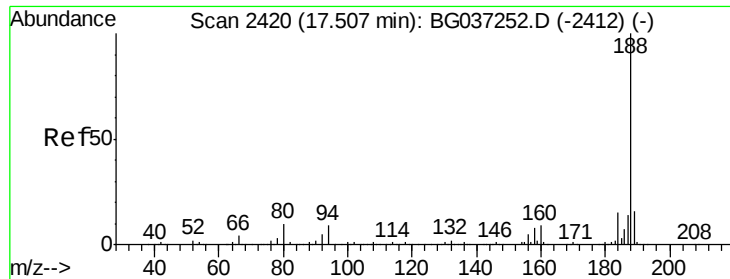
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	43.4	65.2#
89	0.0	45.8	68.6#



#57
 2,4-Dinitrotoluene
 Concen: 11.242 ng
 RT: 14.75 min Scan# 1951
 Delta R.T. -0.36 min
 Lab File: BG037289.D
 Acq: 12 Oct 2018 12:58

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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.50 min Scan# 2419

Delta R.T. -0.01 min

Lab File: BG037289.D

Acq: 12 Oct 2018 12:58

Instrument :

BNA_G

ClientSampleId :

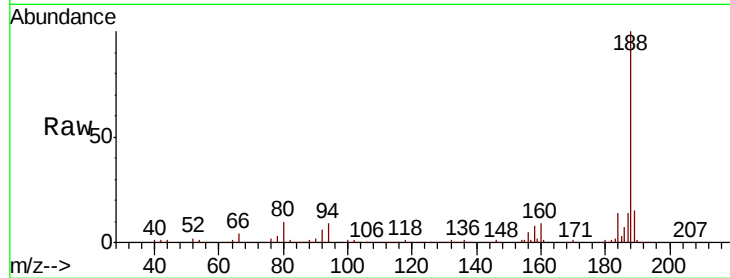
Tot Ion:188 Resp: 411201

Ion Ratio Lower Upper

188 100

94 9.0 7.2 10.8

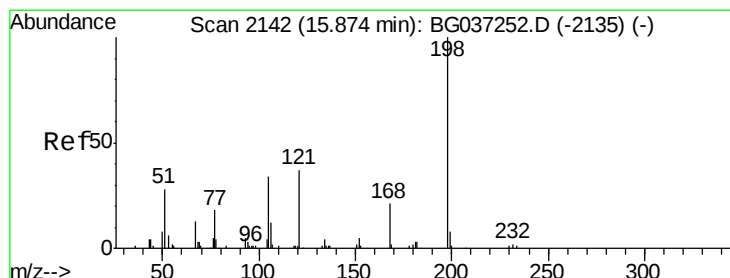
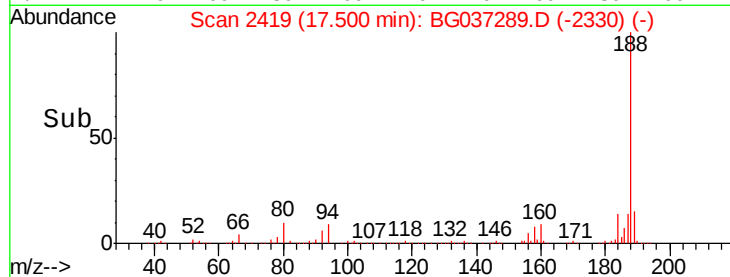
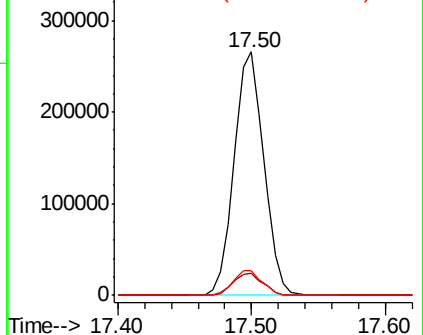
80 10.0 7.7 11.5



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: 6.062 ng

RT: 16.23 min Scan# 2203

Delta R.T. 0.36 min

Lab File: BG037289.D

Acq: 12 Oct 2018 12:58

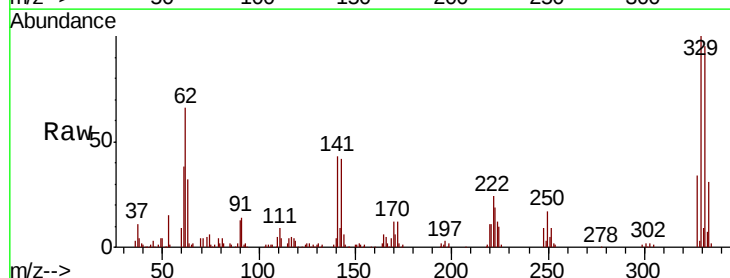
Tgt Ion:198 Resp: 171

Ion Ratio Lower Upper

198 100

51 20.3 22.7 62.7#

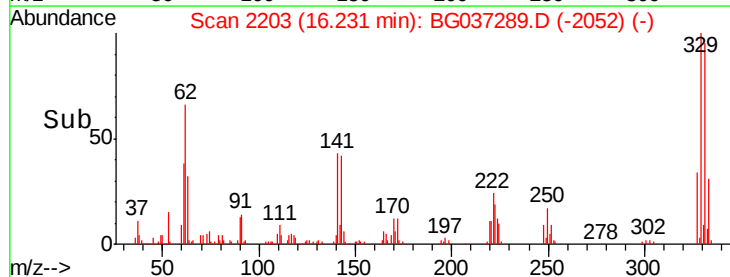
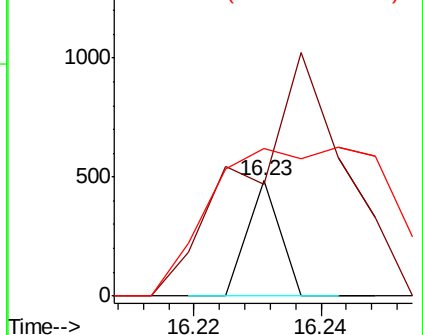
105 26.8 19.7 59.7

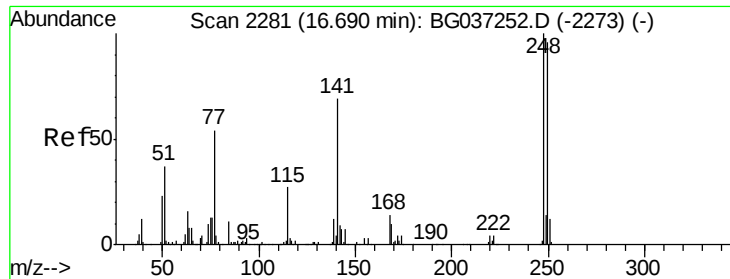


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

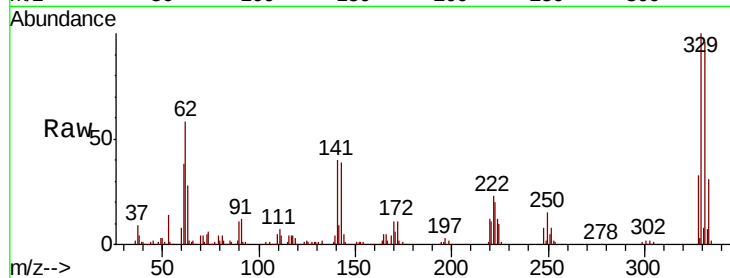




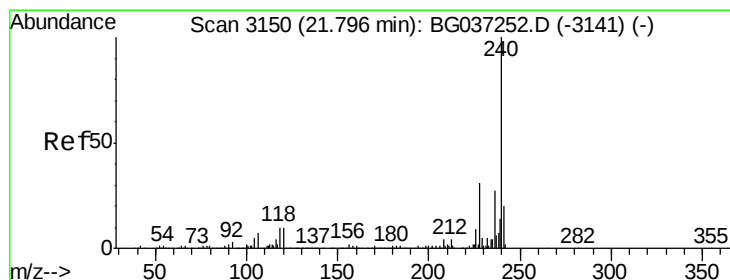
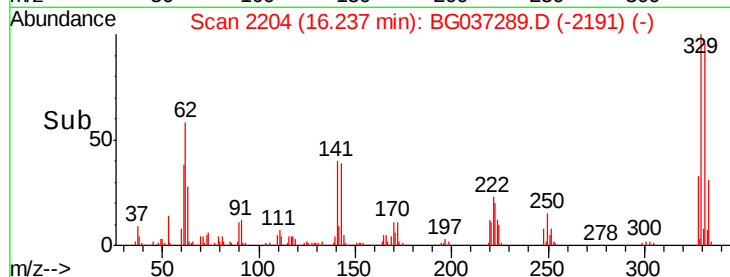
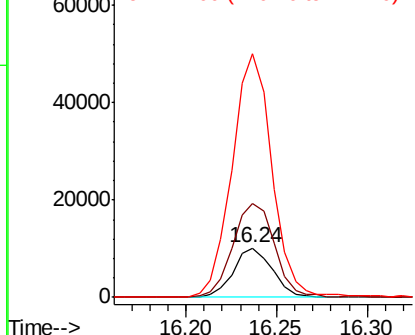
#67
4-Bromophenyl-phenylether
Concen: 3.420 ng
RT: 16.24 min Scan# 2204
Delta R.T. -0.45 min
Lab File: BG037289.D
Acq: 12 Oct 2018 12:58

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 15178
Ion Ratio Lower Upper
248 100
250 193.4 77.0 115.6#
141 384.3 55.5 83.3#

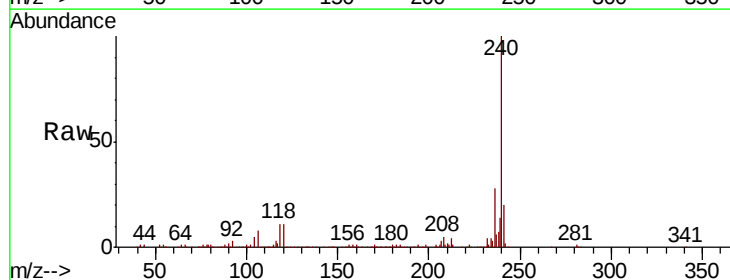


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

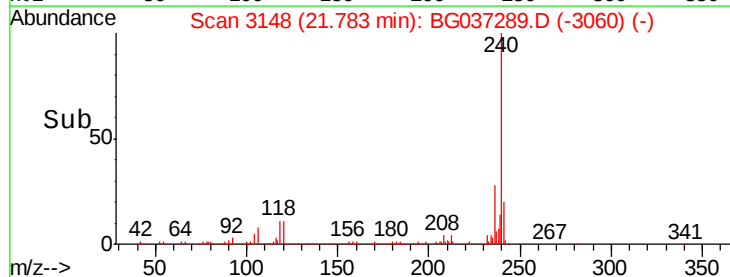
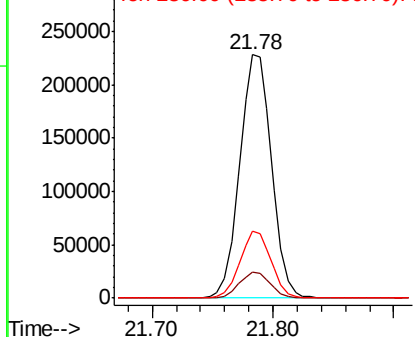


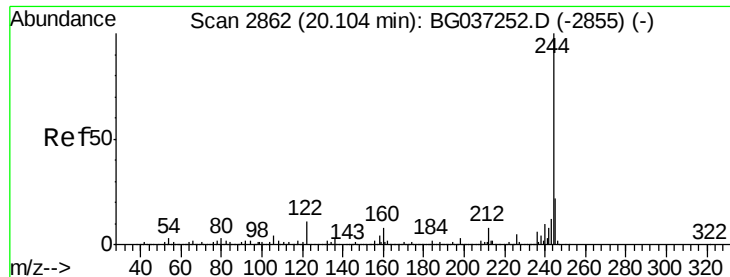
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.78 min Scan# 3148
Delta R.T. -0.01 min
Lab File: BG037289.D
Acq: 12 Oct 2018 12:58

Tgt Ion:240 Resp: 418051
Ion Ratio Lower Upper
240 100
120 10.9 8.1 12.1
236 27.7 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: 70.761 ng

RT: 20.10 min Scan# 2862

Delta R.T. -0.00 min

Lab File: BG037289.D

Acq: 12 Oct 2018 12:58

Instrument :

BNA_G

ClientSampled :

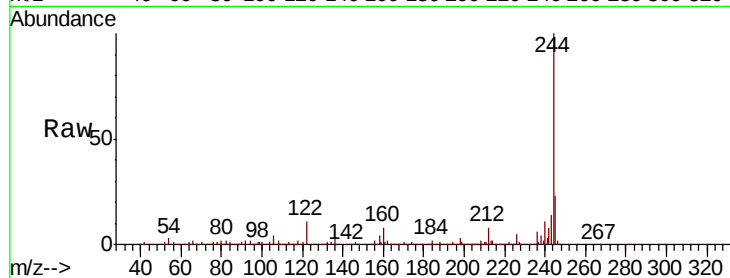
Tot Ion:244 Resp: 1408829

Ion Ratio Lower Upper

244 100

212 8.5 6.5 9.7

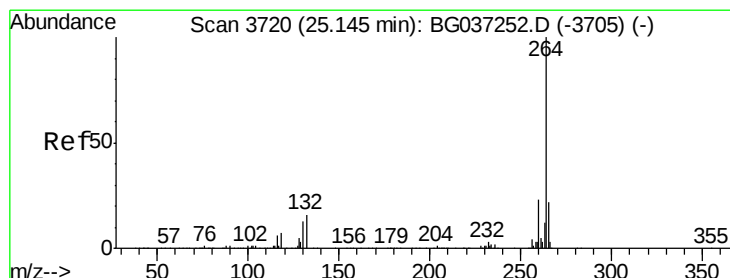
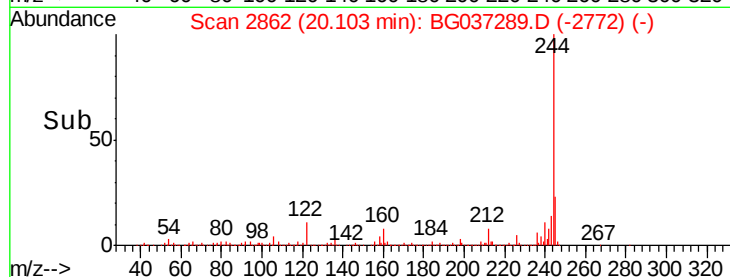
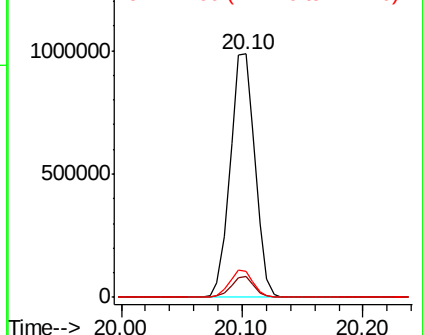
122 10.7 9.0 13.4



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: 25.14 min Scan# 3719

Delta R.T. -0.01 min

Lab File: BG037289.D

Acq: 12 Oct 2018 12:58

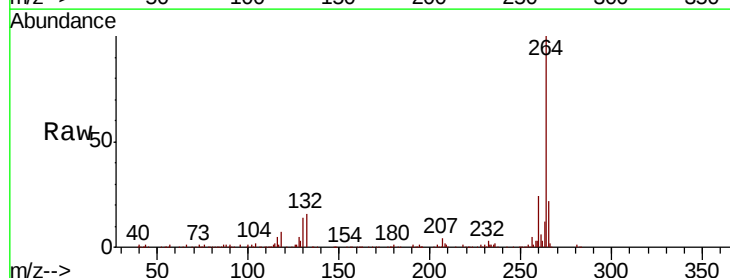
Tgt Ion:264 Resp: 414475

Ion Ratio Lower Upper

264 100

260 24.3 18.2 27.4

265 22.2 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

