

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101118\
 Data File : BG037290.D
 Acq On : 12 Oct 2018 13:37
 Operator : JU/SJ
 Sample : PB113678TB
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 12 14:14:50 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

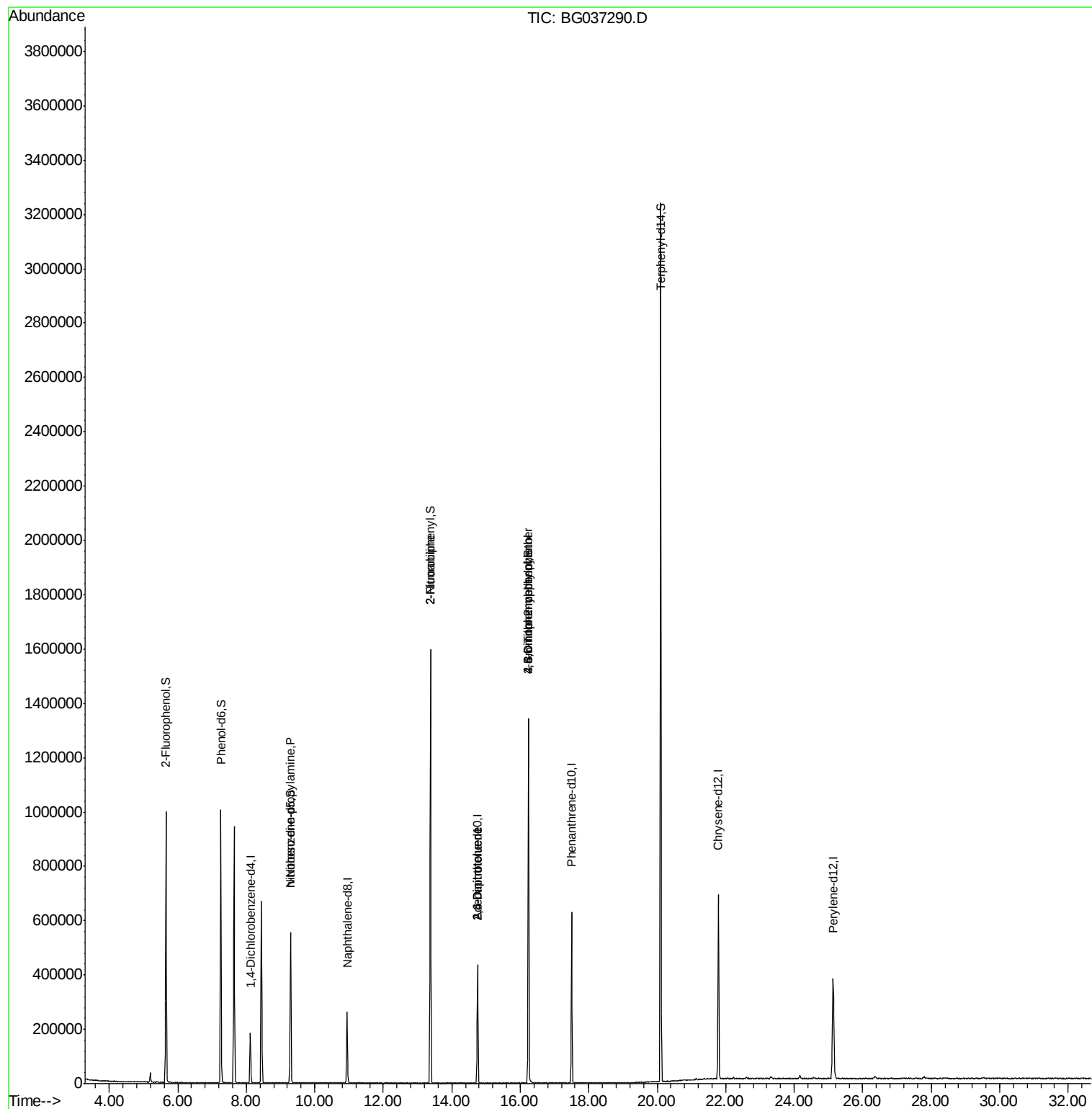
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	55246	20.00	ng	0.00
21) Naphthalene-d8	10.94	136	234822	20.00	ng	0.00
39) Acenaphthene-d10	14.75	164	156600	20.00	ng	0.00
64) Phenanthrene-d10	17.50	188	412458	20.00	ng	0.00
76) Chrysene-d12	21.78	240	410530	20.00	ng	-0.01
87) Perylene-d12	25.13	264	411696	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	451639	143.87	ng	0.00
7) Phenol-d6	7.26	99	635784	133.44	ng	0.00
23) Nitrobenzene-d5	9.29	82	344550	96.47	ng	0.00
42) 2,4,6-Tribromophenol	16.24	330	228582	148.83	ng	0.00
45) 2-Fluorobiphenyl	13.38	172	879092	84.30	ng	0.00
79) Terphenyl-d14	20.10	244	1572393	80.42	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.29	70	41957	11.631	ng	# 76
48) 2-Nitroaniline	13.38	65	1280	6.182	ng	# 1
51) 2,6-Dinitrotoluene	14.75	165	20714	12.607	ng	# 25
57) 2,4-Dinitrotoluene	14.75	165	20714	11.418	ng	# 24
65) 4,6-Dinitro-2-methylphenol	16.24	198	835	6.512	ng	83
67) 4-Bromophenyl-phenylether	16.24	248	17196	3.863	ng	# 1

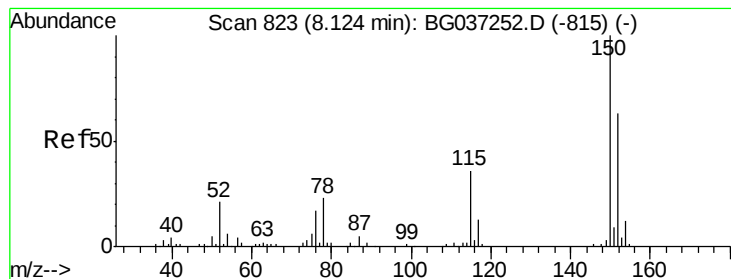
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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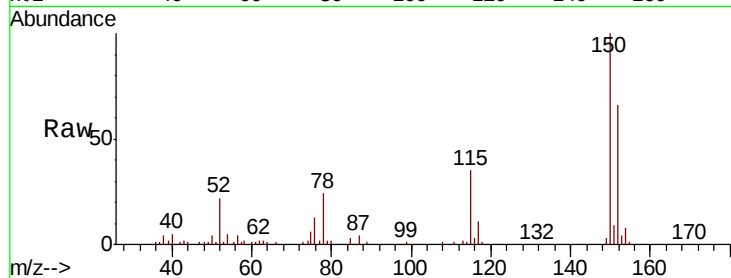


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.12 min Scan# 822
 Delta R.T. -0.01 min
 Lab File: BG037290.D
 Acq: 12 Oct 2018 13:37

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.7	126.0	189.0
115	52.9	45.5	68.3

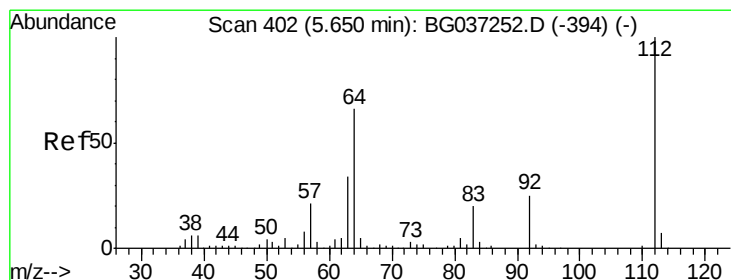
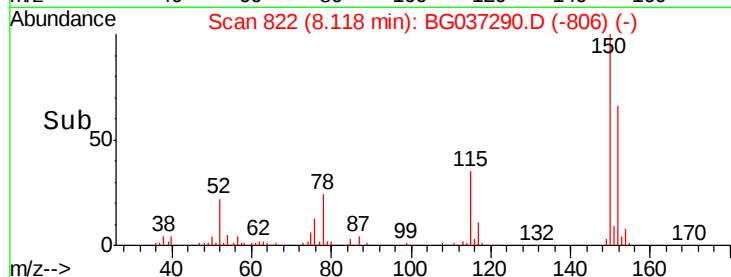
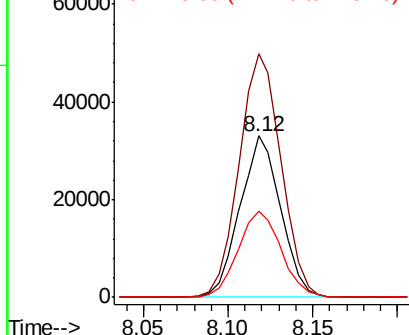


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

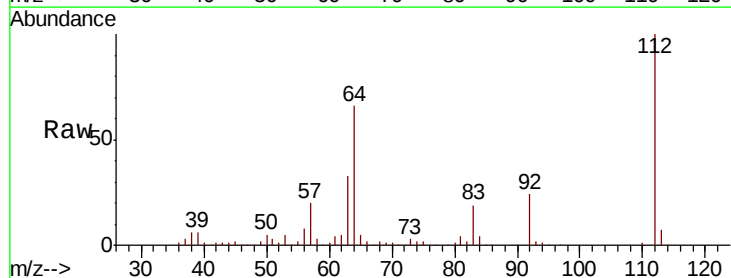
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 143.873 ng
 RT: 5.66 min Scan# 403
 Delta R.T. 0.01 min
 Lab File: BG037290.D
 Acq: 12 Oct 2018 13:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.4	53.1	79.7
63	32.9	27.3	40.9

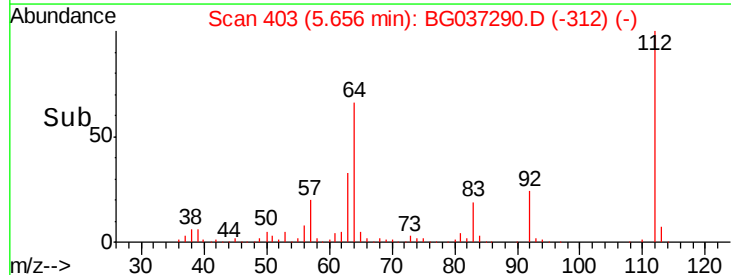
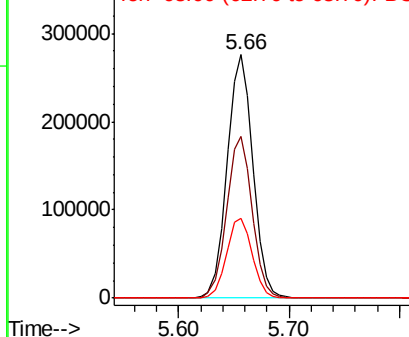


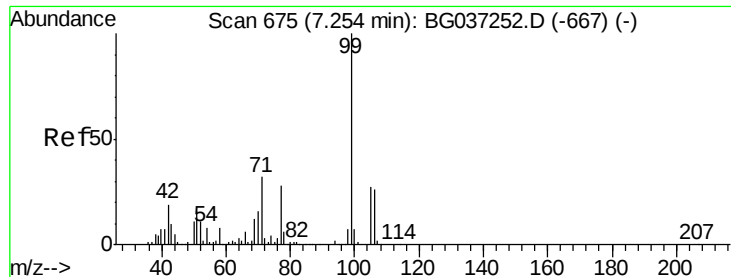
Abundance

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: 133.436 ng

RT: 7.26 min Scan# 676

Delta R.T. 0.01 min

Lab File: BG037290.D

Acq: 12 Oct 2018 13:37

Instrument :

BNA_G

ClientSampleId :

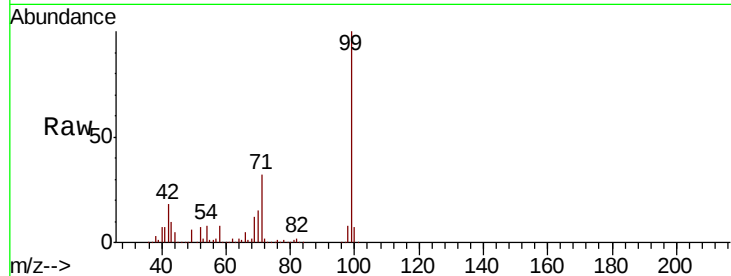
Tot Ion: 99 Resp: 635784

Ion Ratio Lower Upper

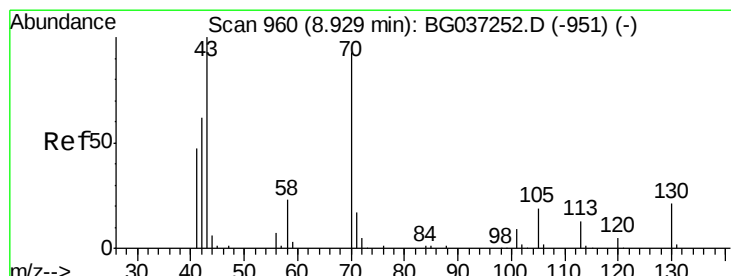
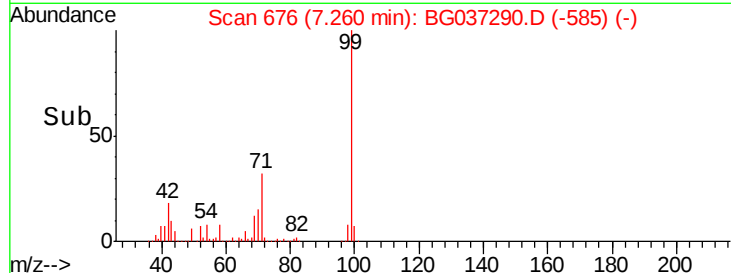
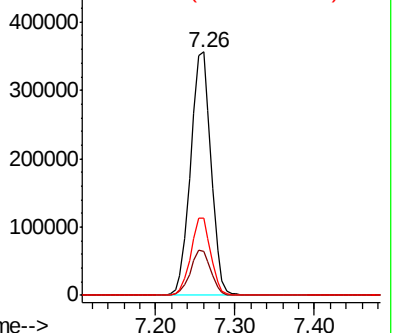
99 100

42 17.8 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: 11.631 ng

RT: 9.29 min Scan# 1022

Delta R.T. 0.36 min

Lab File: BG037290.D

Acq: 12 Oct 2018 13:37

Tgt Ion: 70 Resp: 41957

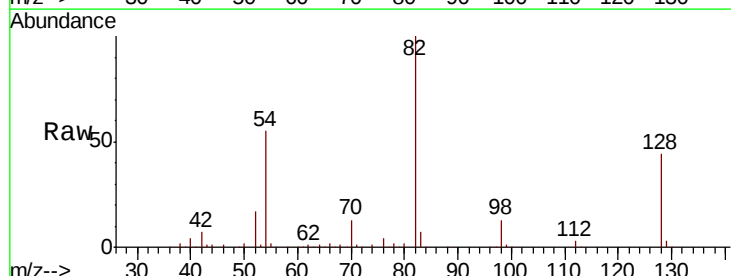
Ion Ratio Lower Upper

70 100

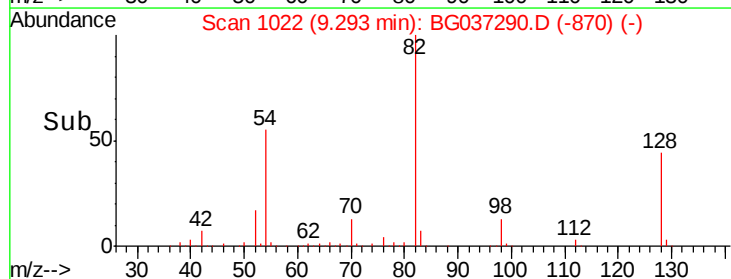
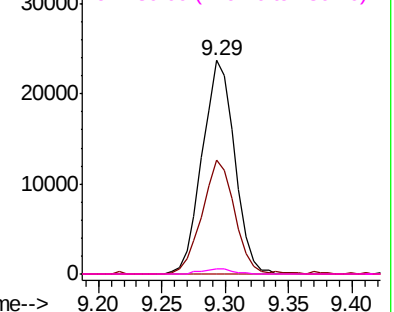
42 53.6 53.9 80.9#

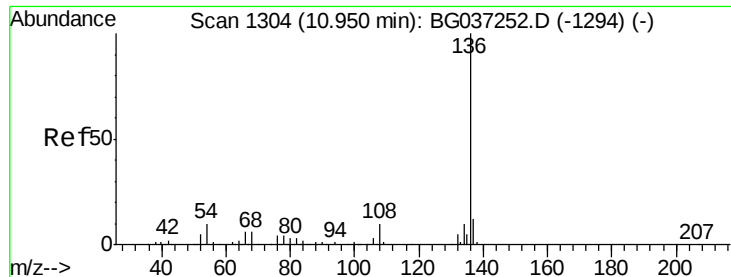
101 0.0 8.2 12.2#

130 2.7 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

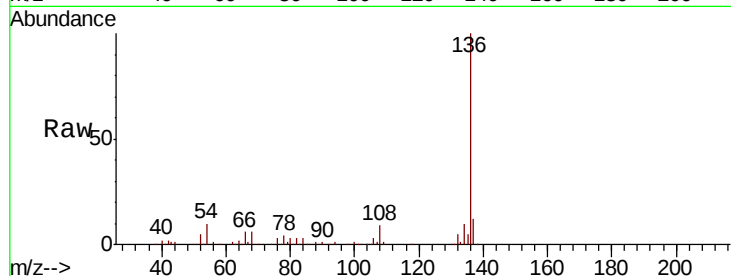




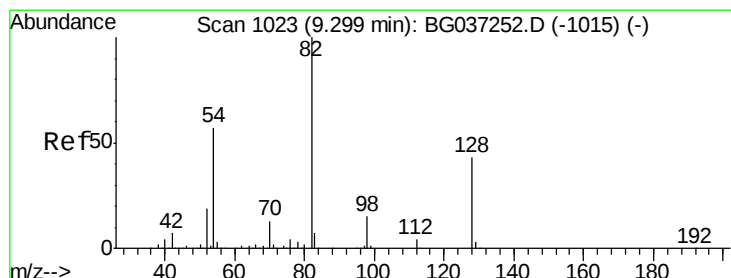
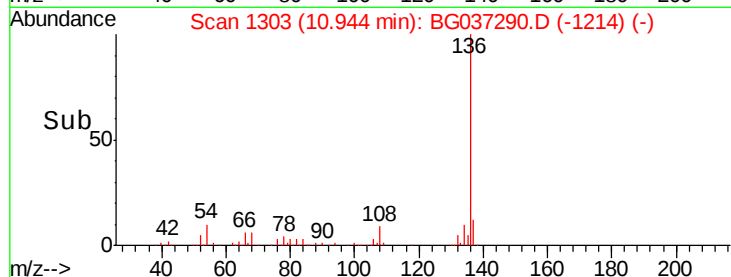
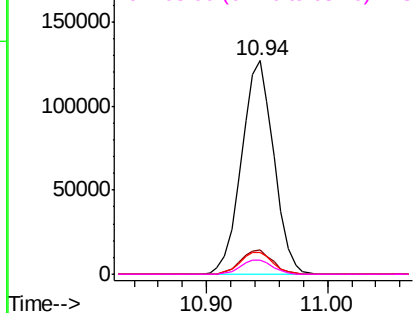
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.94 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BG037290.D
Acq: 12 Oct 2018 13:37

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	234822
Ion	Ratio	Lower Upper
136	100	
137	11.6	9.6 14.4
54	10.1	7.9 11.9
68	6.4	4.8 7.2

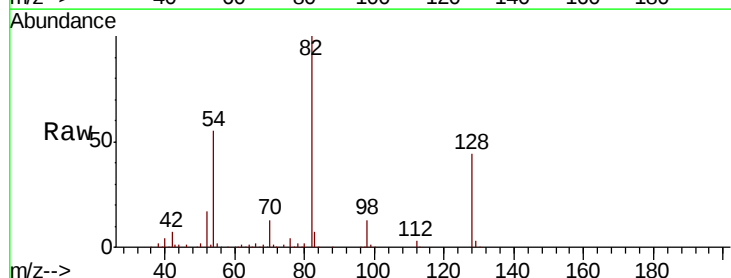


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

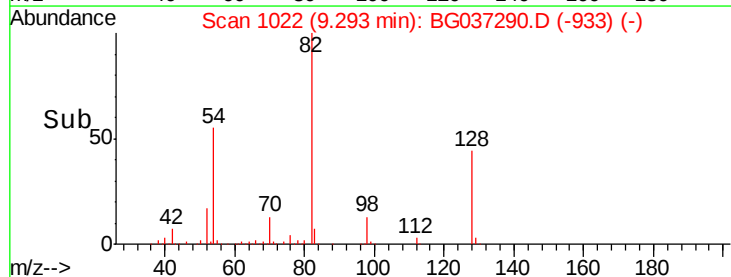
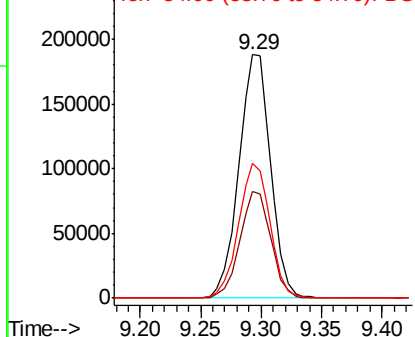


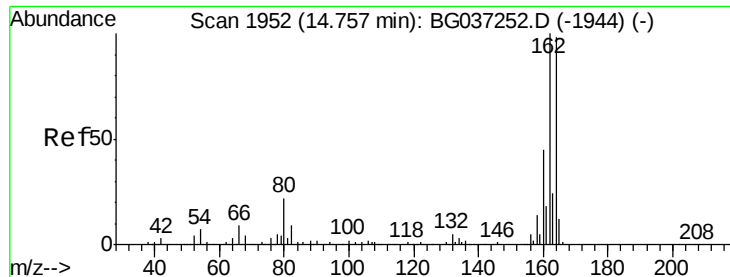
#23
Nitrobenzene-d5
Concen: 96.466 ng
RT: 9.29 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BG037290.D
Acq: 12 Oct 2018 13:37

Tgt Ion: 82	Resp:	344550
Ion	Ratio	Lower Upper
82	100	
128	43.9	34.6 51.8
54	55.3	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: BG037290.D

Acq: 12 Oct 2018 13:37

Instrument :

BNA_G

ClientSampled :

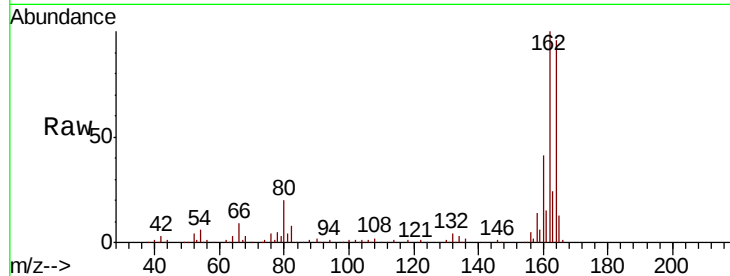
Tot Ion:164 Resp: 156600

Ion Ratio Lower Upper

164 100

162 104.5 81.3 121.9

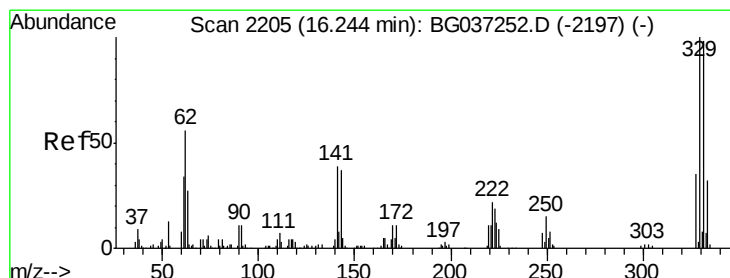
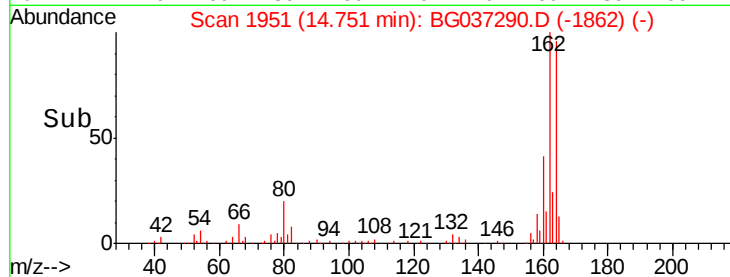
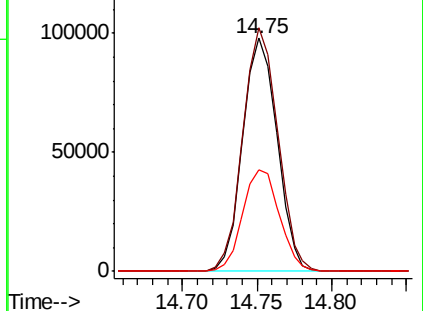
160 43.4 36.3 54.5



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: 148.835 ng

RT: 16.24 min Scan# 2204

Delta R.T. -0.01 min

Lab File: BG037290.D

Acq: 12 Oct 2018 13:37

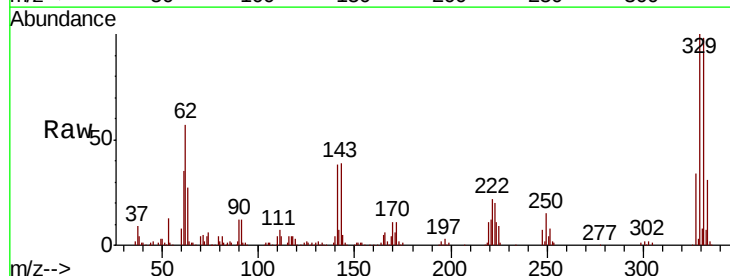
Tgt Ion:330 Resp: 228582

Ion Ratio Lower Upper

330 100

332 97.4 78.4 117.6

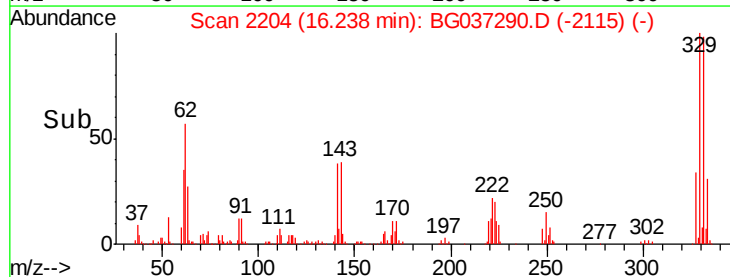
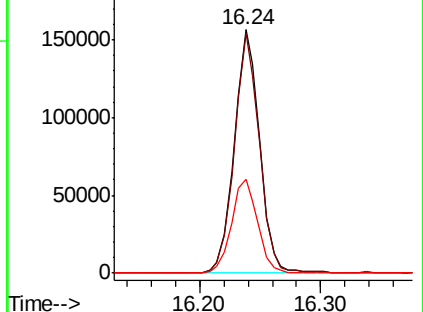
141 39.8 32.2 48.2

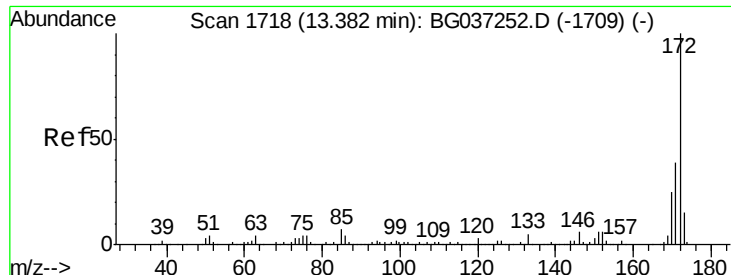


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

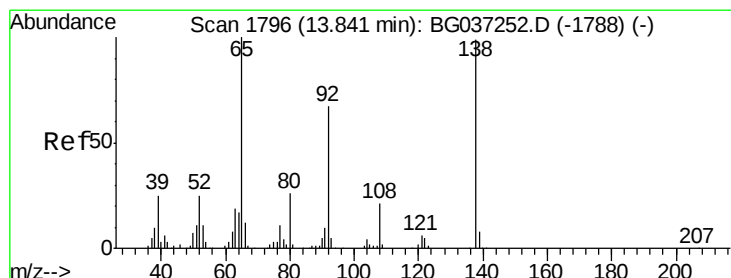
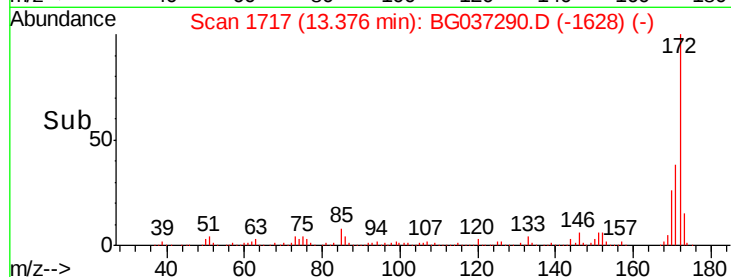
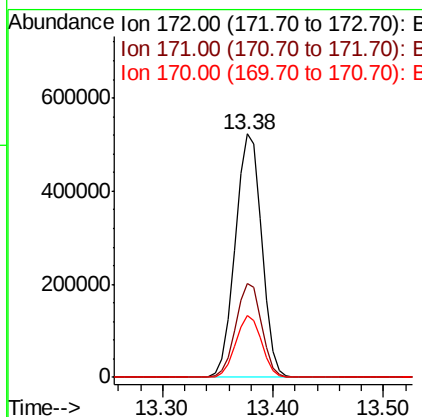
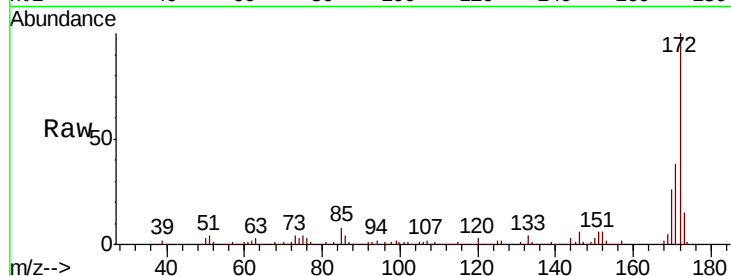




#45
 2-Fluorobiphenyl
 Concen: 84.303 ng
 RT: 13.38 min Scan# 1717
 Delta R.T. -0.01 min
 Lab File: BG037290.D
 Acq: 12 Oct 2018 13:37

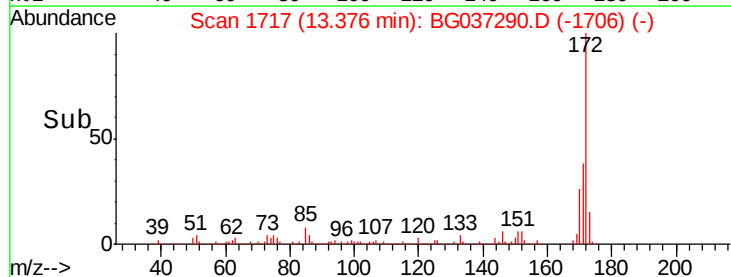
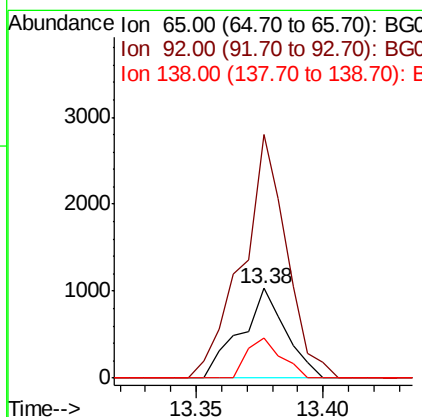
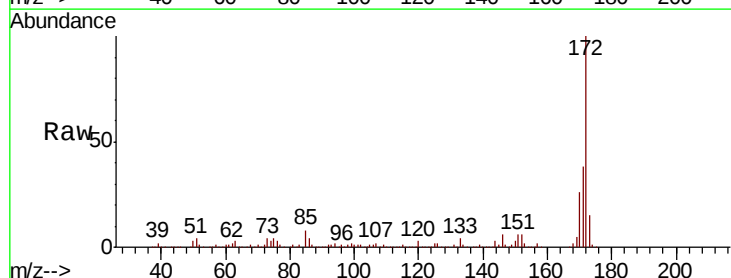
Instrument :
 BNA_G
 ClientSampleId :

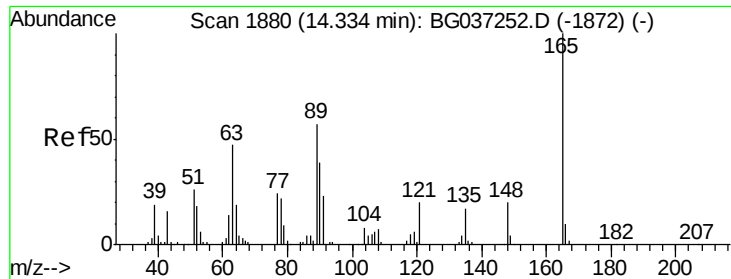
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.4	31.0	46.4
170	25.5	20.2	30.2



#48
 2-Nitroaniline
 Concen: 6.182 ng
 RT: 13.38 min Scan# 1717
 Delta R.T. -0.46 min
 Lab File: BG037290.D
 Acq: 12 Oct 2018 13:37

Tgt Ion	Ratio	Lower	Upper
65	100		
92	271.3	53.2	79.8#
138	44.4	79.3	118.9#

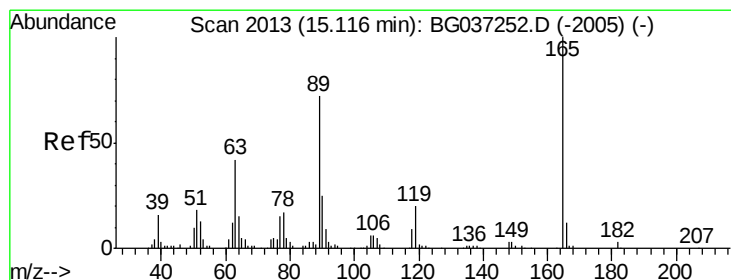
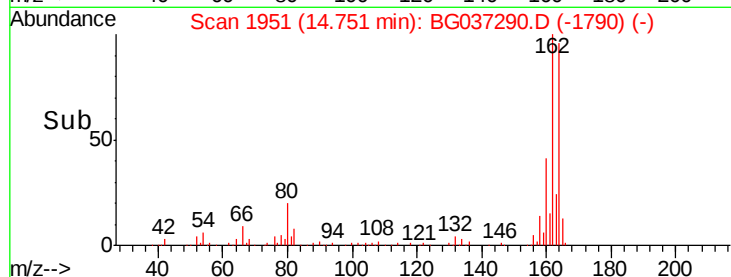
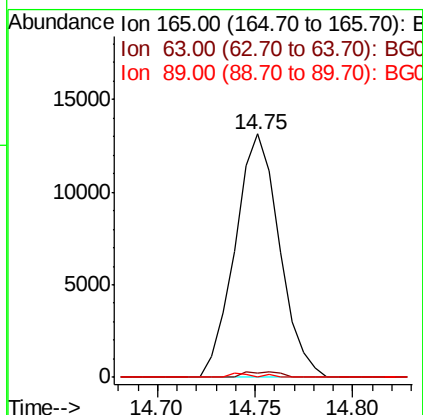
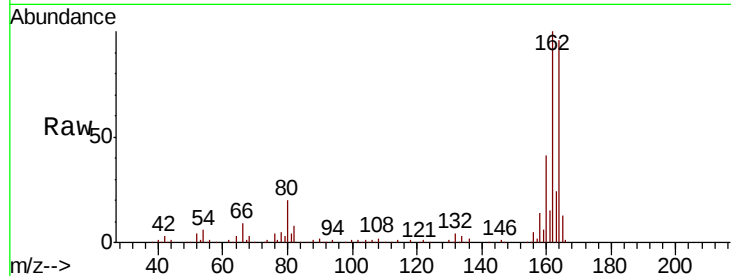




#51
 2,6-Dinitrotoluene
 Concen: 12.607 ng
 RT: 14.75 min Scan# 1951
 Delta R.T. 0.42 min
 Lab File: BG037290.D
 Acq: 12 Oct 2018 13:37

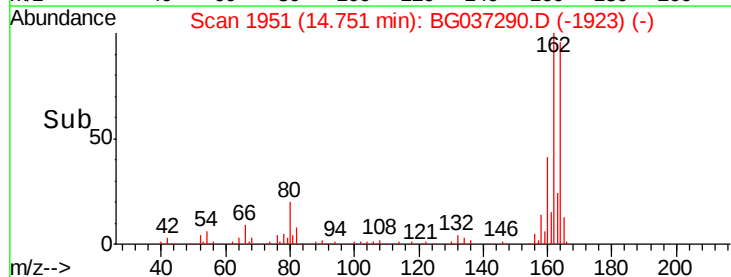
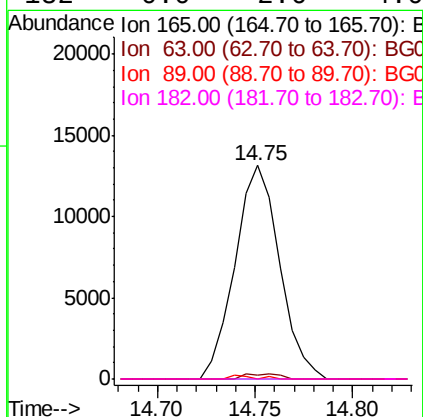
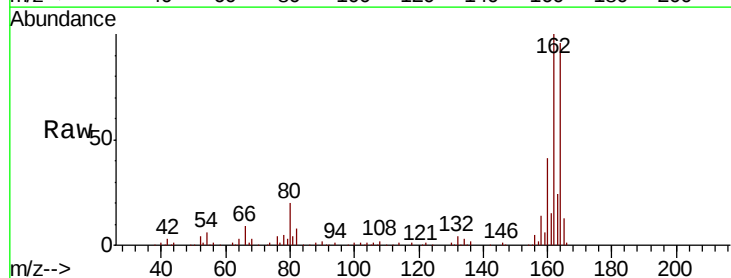
Instrument :
 BNA_G
 ClientSampleId :

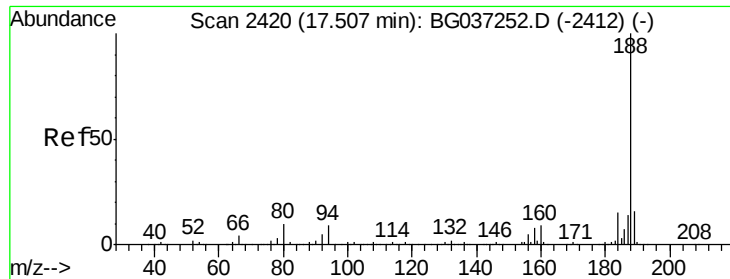
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.6	43.4	65.2#
89	0.0	45.8	68.6#



#57
 2,4-Dinitrotoluene
 Concen: 11.418 ng
 RT: 14.75 min Scan# 1951
 Delta R.T. -0.36 min
 Lab File: BG037290.D
 Acq: 12 Oct 2018 13:37

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	33.4	50.0#
89	0.0	57.2	85.8#
182	0.0	2.6	4.0#

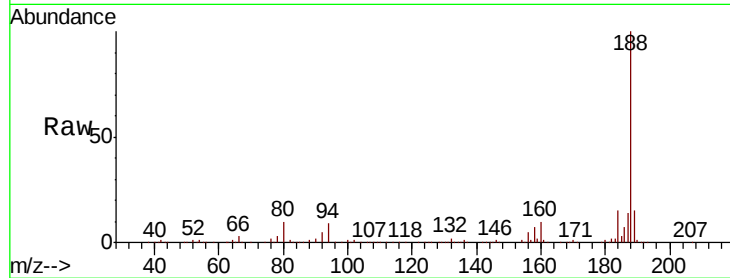




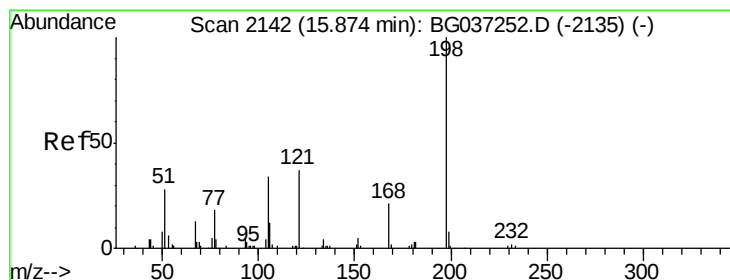
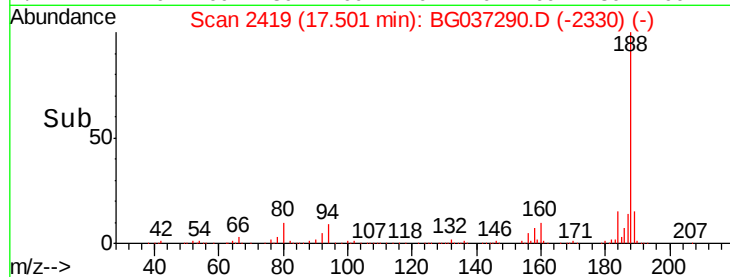
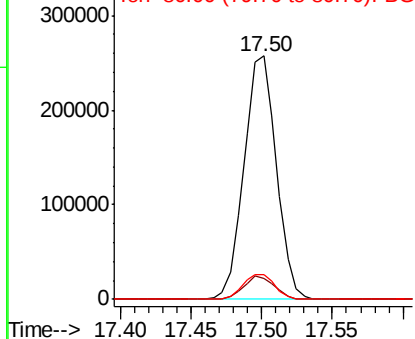
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.50 min Scan# 2419
 Delta R.T. -0.01 min
 Lab File: BG037290.D
 Acq: 12 Oct 2018 13:37

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:188 Resp: 412458
 Ion Ratio Lower Upper
 188 100
 94 8.6 7.2 10.8
 80 10.2 7.7 11.5

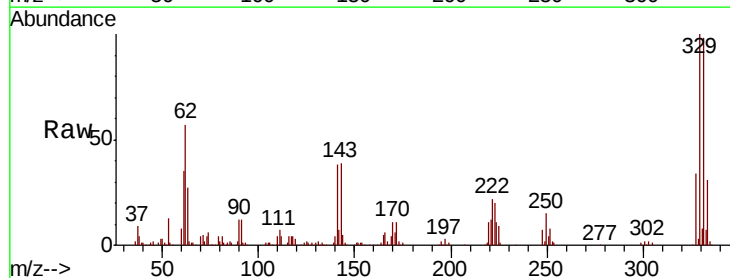


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BGC
 Ion 80.00 (79.70 to 80.70): BGC

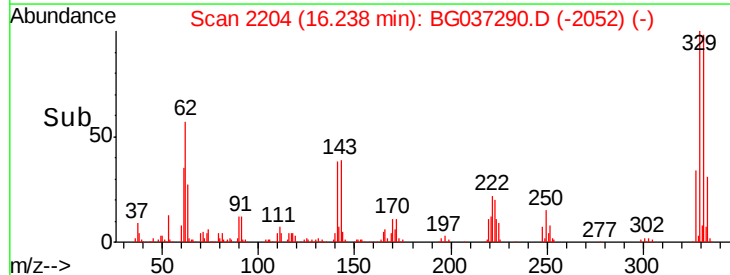
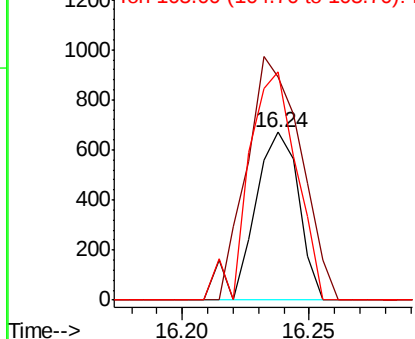


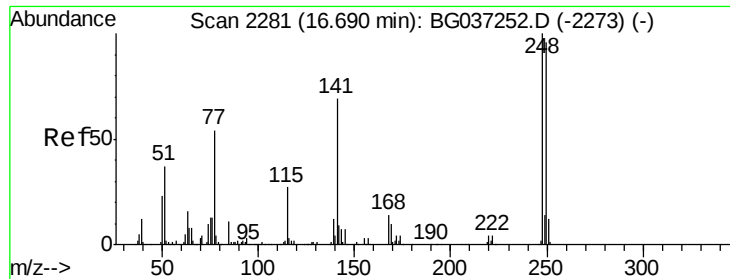
#65
 4,6-Dinitro-2-methylphenol
 Concen: 6.512 ng
 RT: 16.24 min Scan# 2204
 Delta R.T. 0.36 min
 Lab File: BG037290.D
 Acq: 12 Oct 2018 13:37

Tgt Ion:198 Resp: 835
 Ion Ratio Lower Upper
 198 100
 51 30.5 22.7 62.7
 105 31.2 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

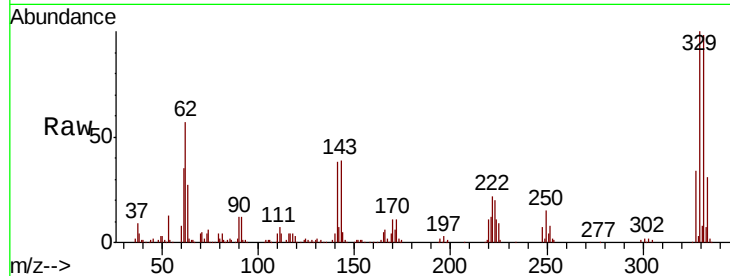




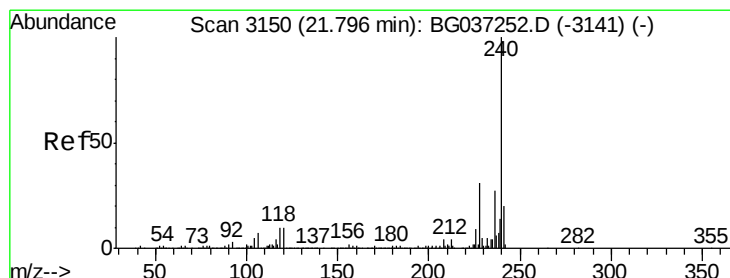
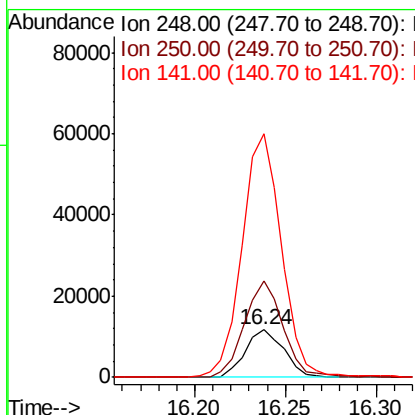
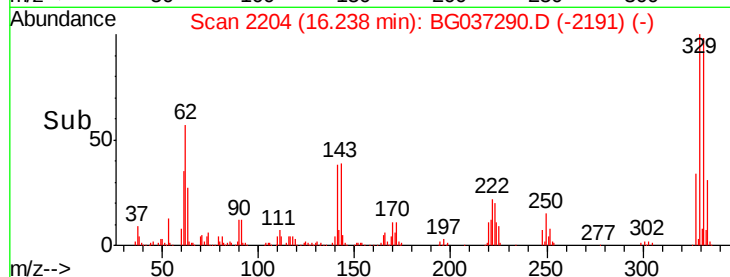
#67
4-Bromophenyl-phenylether
Concen: 3.863 ng
RT: 16.24 min Scan# 2204
Delta R.T. -0.45 min
Lab File: BG037290.D
Acq: 12 Oct 2018 13:37

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 17196
Ion Ratio Lower Upper
248 100
250 199.0 77.0 115.6#
141 392.7 55.5 83.3#

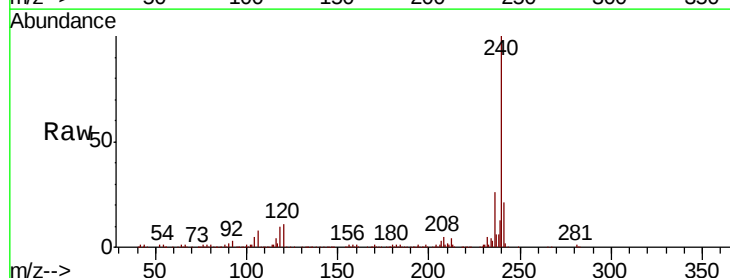


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

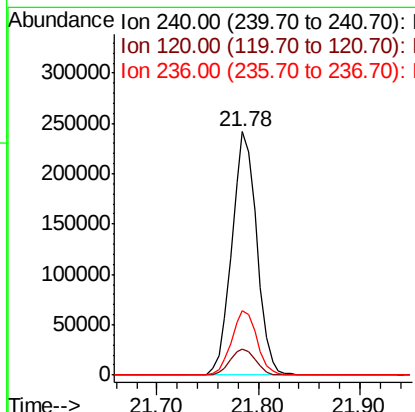
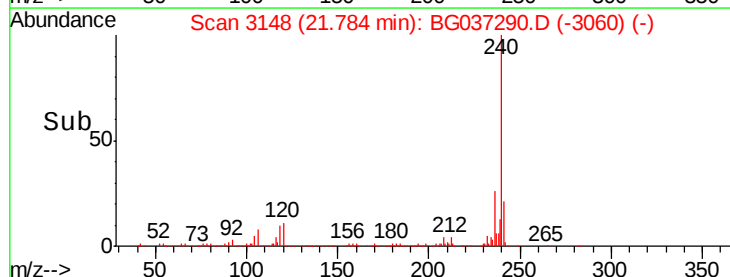


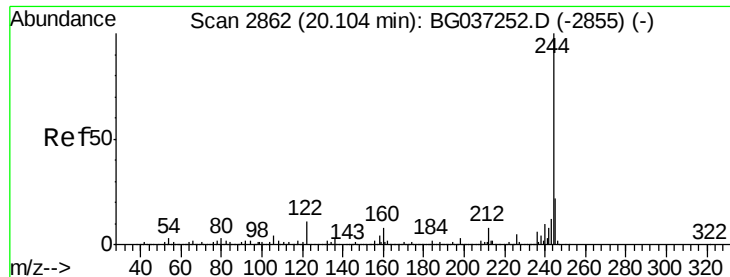
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.78 min Scan# 3148
Delta R.T. -0.01 min
Lab File: BG037290.D
Acq: 12 Oct 2018 13:37

Tgt Ion:240 Resp: 410530
Ion Ratio Lower Upper
240 100
120 10.8 8.1 12.1
236 26.4 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: 80.424 ng

RT: 20.10 min Scan# 2862

Delta R.T. -0.00 min

Lab File: BG037290.D

Acq: 12 Oct 2018 13:37

Instrument :

BNA_G

ClientSampled :

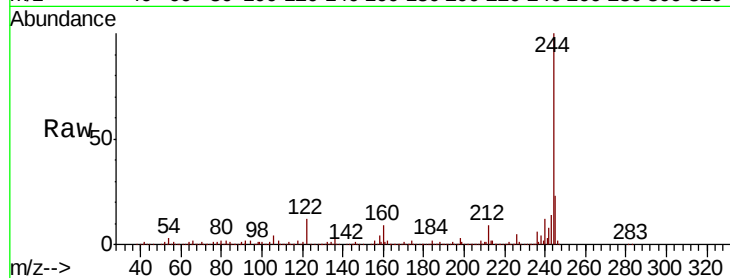
Tot Ion:244 Resp: 1572393

Ion Ratio Lower Upper

244 100

212 8.5 6.5 9.7

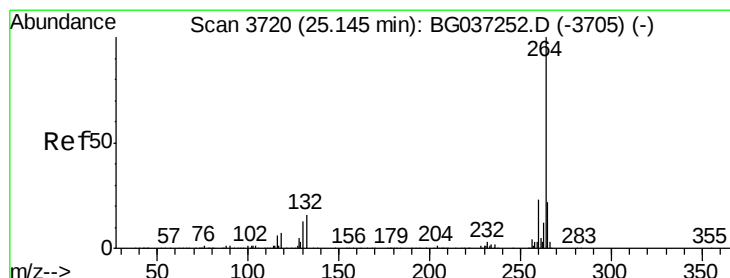
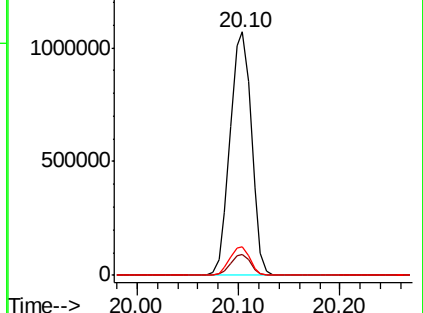
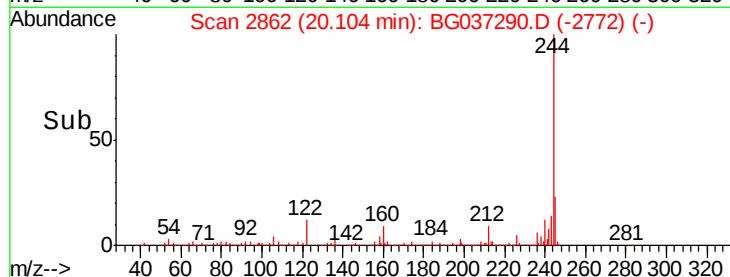
122 11.6 9.0 13.4



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: 25.13 min Scan# 3718

Delta R.T. -0.01 min

Lab File: BG037290.D

Acq: 12 Oct 2018 13:37

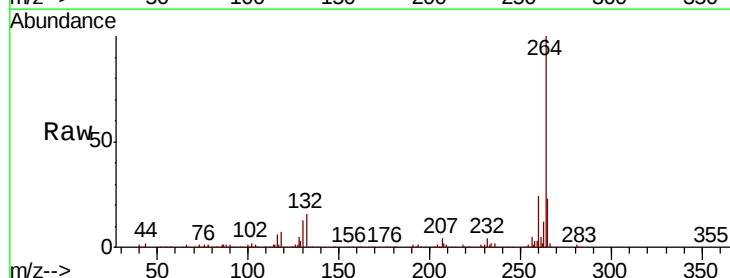
Tgt Ion:264 Resp: 411696

Ion Ratio Lower Upper

264 100

260 24.0 18.2 27.4

265 22.8 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

