

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102518\
 Data File : BG037569.D
 Acq On : 26 Oct 2018 7:23
 Operator : JU/SJ
 Sample : J5655-04
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 26 08:10:16 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

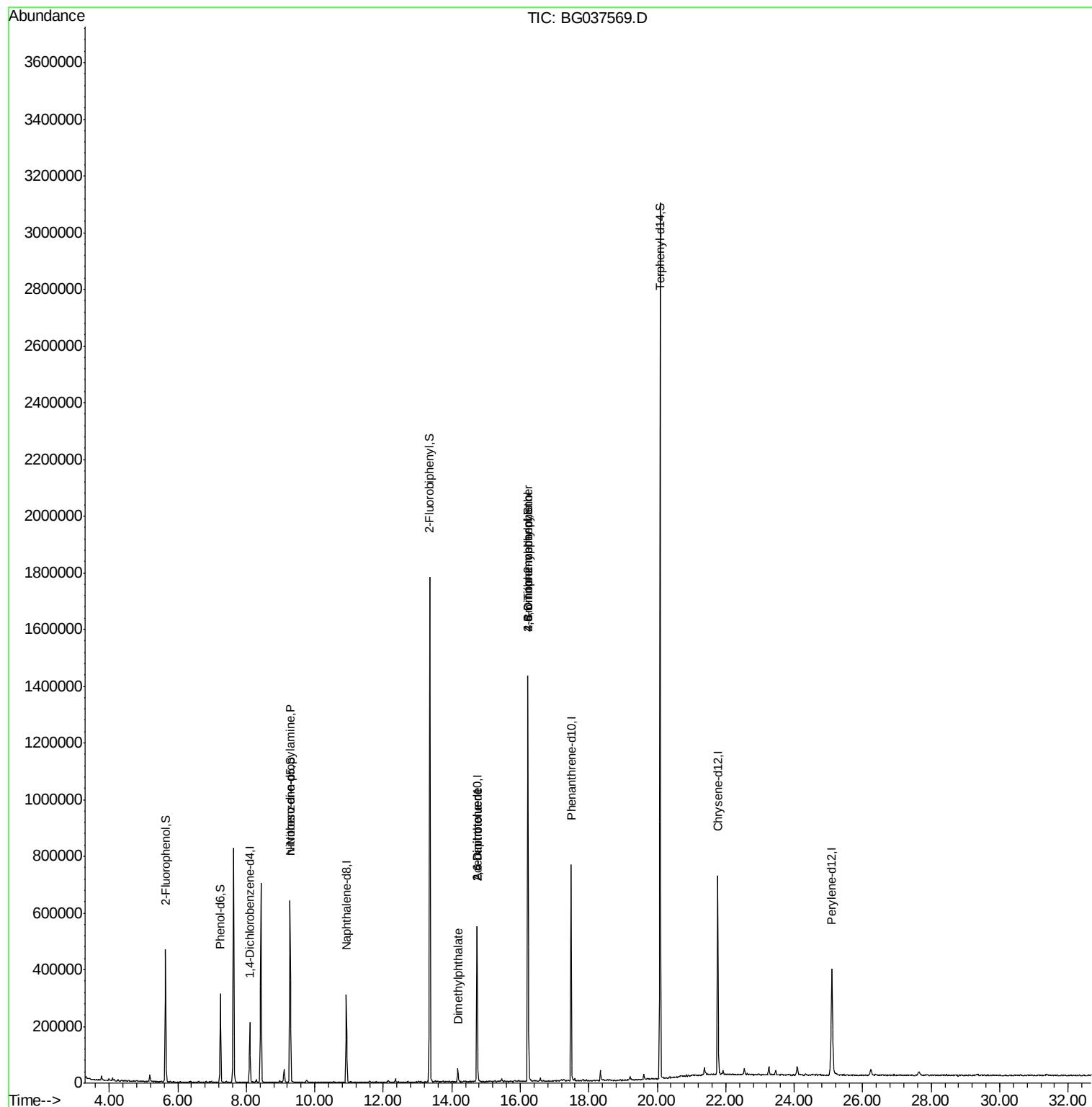
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	63233	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	285385	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	196785	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	472945	20.00	ng	0.00
76) Chrysene-d12	21.77	240	433236	20.00	ng	0.00
87) Perylene-d12	25.10	264	441765	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	218774	57.84	ng	0.00
7) Phenol-d6	7.24	99	197185	34.48	ng	0.00
23) Nitrobenzene-d5	9.28	82	410879	80.65	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	263294	122.67	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	965478	73.98	ng	0.00
79) Terphenyl-d14	20.09	244	1497813	73.87	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.28	70	50628	12.855	ng	# 73
50) Dimethylphthalate	14.18	163	31977	2.100	ng	# 98
51) 2,6-Dinitrotoluene	14.74	165	25009	7.426	ng	# 26
57) 2,4-Dinitrotoluene	14.74	165	25009	5.657	ng	# 26
65) 4,6-Dinitro-2-methylphenol	16.22	198	774	8.764	ng	# 1
67) 4-Bromophenyl-phenylether	16.23	248	20197	3.889	ng	# 1

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

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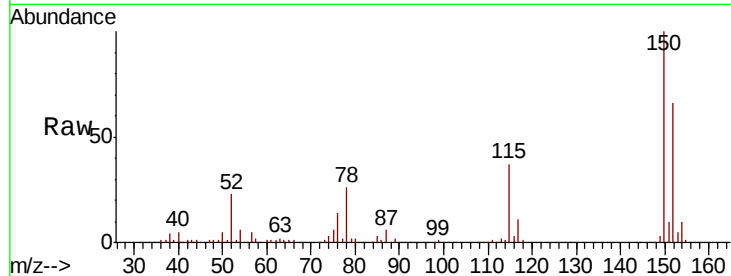


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.10 min Scan# 819
 Delta R.T. -0.01 min
 Lab File: BG037569.D
 Acq: 26 Oct 2018 7:23

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.9	126.0	189.0
115	56.3	45.5	68.3

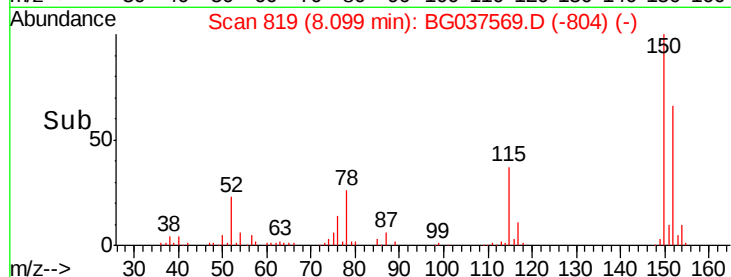
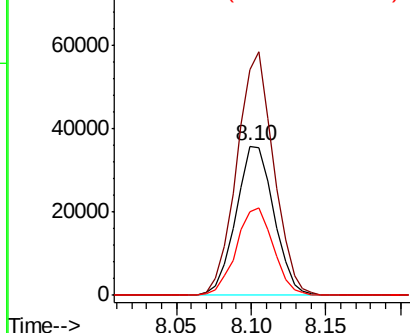


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

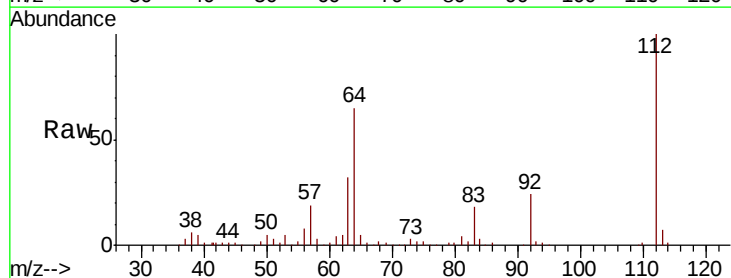
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 57.843 ng
 RT: 5.64 min Scan# 401
 Delta R.T. -0.00 min
 Lab File: BG037569.D
 Acq: 26 Oct 2018 7:23

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.3	53.1	79.7
63	31.6	27.3	40.9

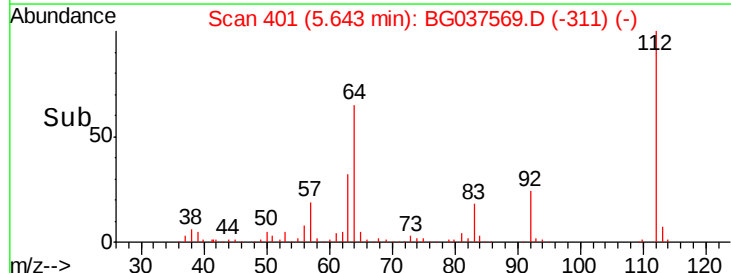
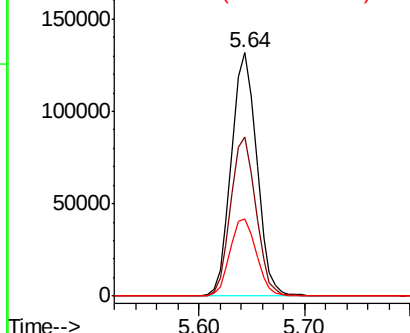


Abundance

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: 34.478 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037569.D

Acq: 26 Oct 2018 7:23

Instrument :

BNA_G

ClientSampled :

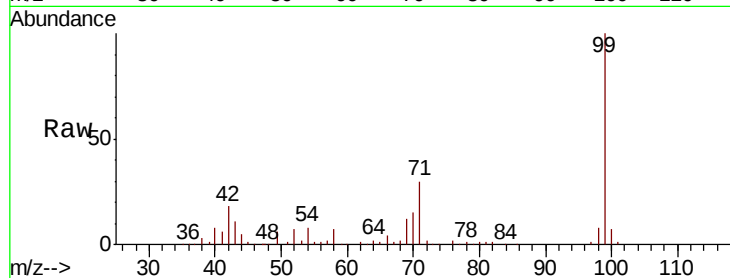
Tot Ion: 99 Resp: 197185

Ion Ratio Lower Upper

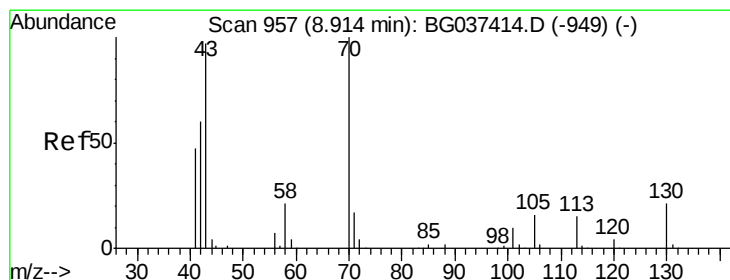
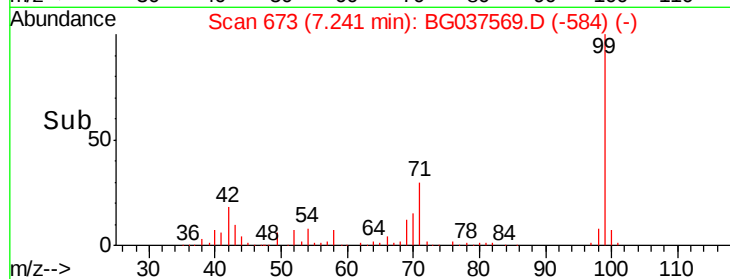
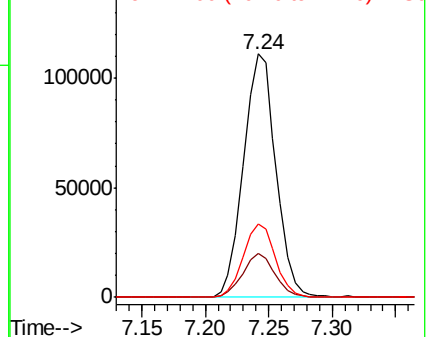
99 100

42 18.3 15.0 22.4

71 30.1 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: 12.855 ng

RT: 9.28 min Scan# 1020

Delta R.T. 0.37 min

Lab File: BG037569.D

Acq: 26 Oct 2018 7:23

Tgt Ion: 70 Resp: 50628

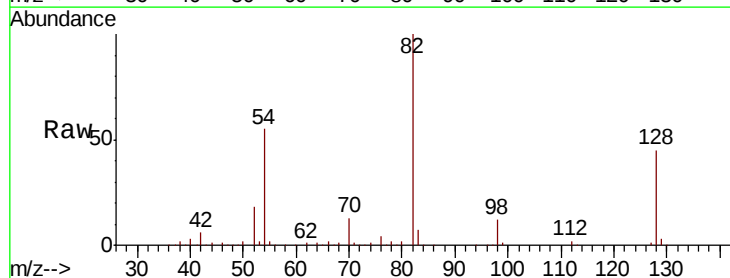
Ion Ratio Lower Upper

70 100

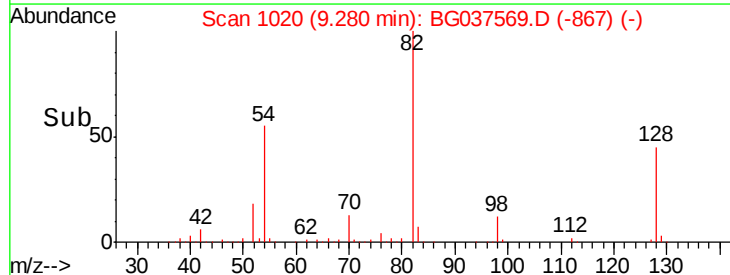
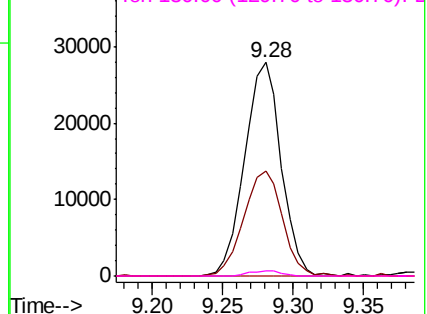
42 49.3 53.9 80.9#

101 0.0 8.2 12.2#

130 2.5 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

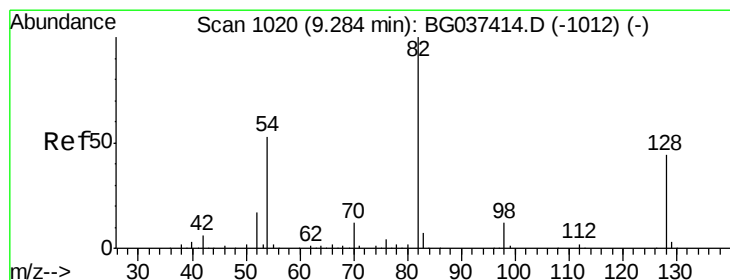
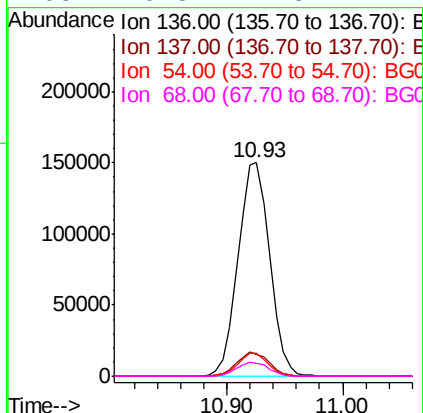
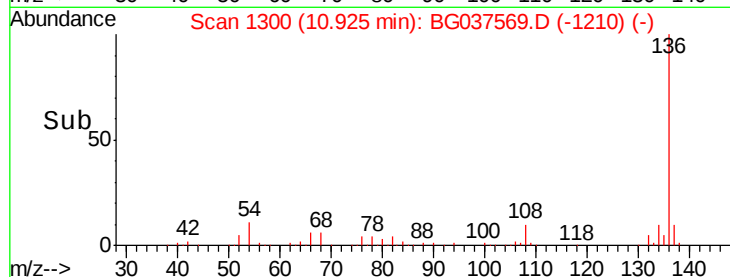
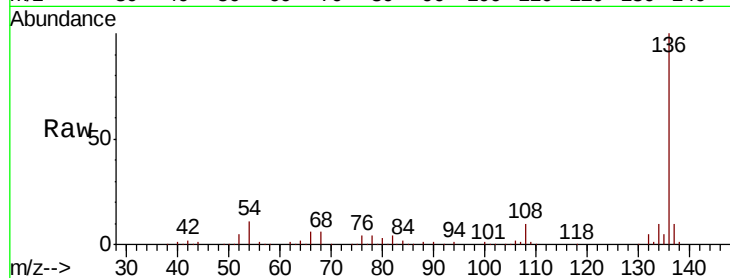




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BG037569.D
Acq: 26 Oct 2018 7:23

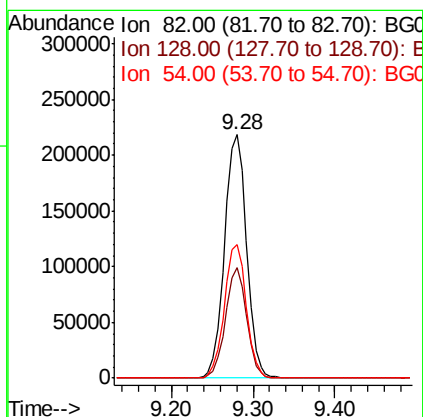
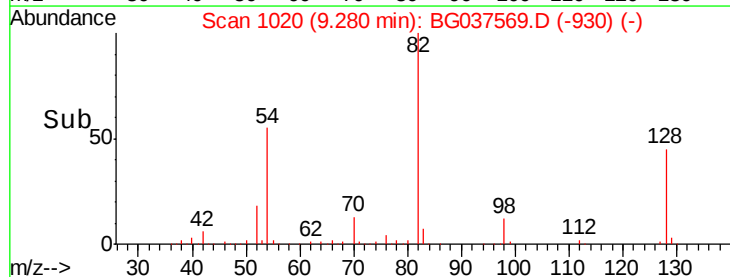
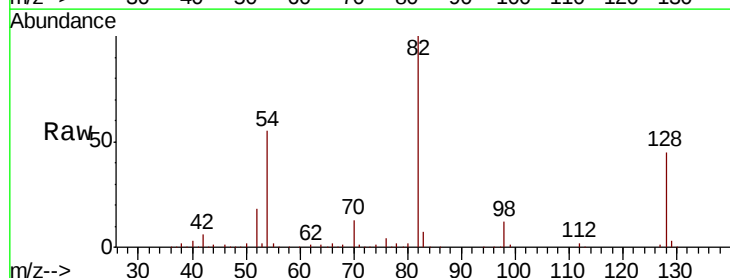
Instrument :
BNA_G
ClientSampleId :

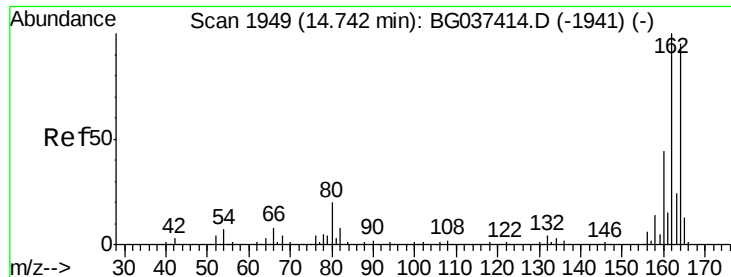
Tot Ion:136	Resp:	285385
Ion Ratio	Lower	Upper
136	100	
137	10.5	9.6 14.4
54	10.7	7.9 11.9
68	6.3	4.8 7.2



#23
Nitrobenzene-d5
Concen: 80.653 ng
RT: 9.28 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BG037569.D
Acq: 26 Oct 2018 7:23

Tgt Ion: 82	Resp:	410879
Ion Ratio	Lower	Upper
82	100	
128	45.4	34.6 51.8
54	55.0	45.3 67.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.73 min Scan# 1948

Delta R.T. -0.01 min

Lab File: BG037569.D

Acq: 26 Oct 2018 7:23

Instrument :

BNA_G

ClientSampleId :

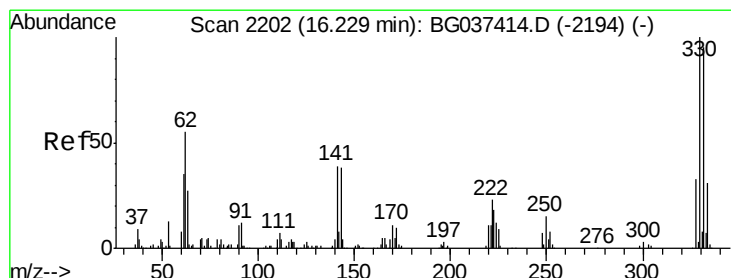
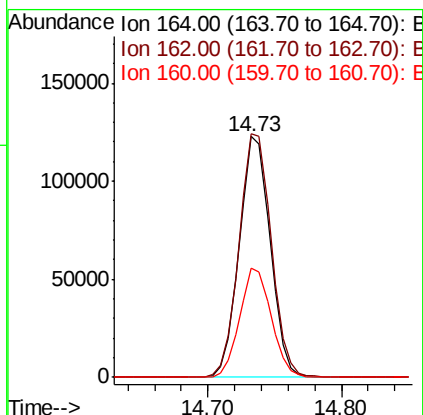
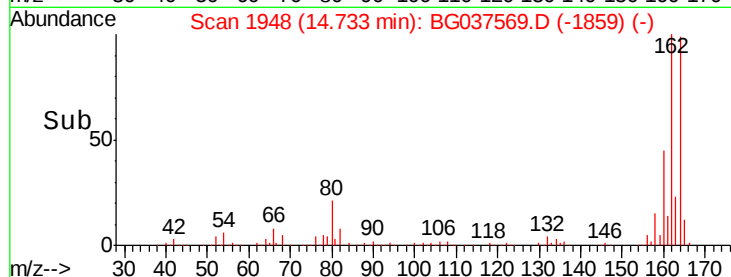
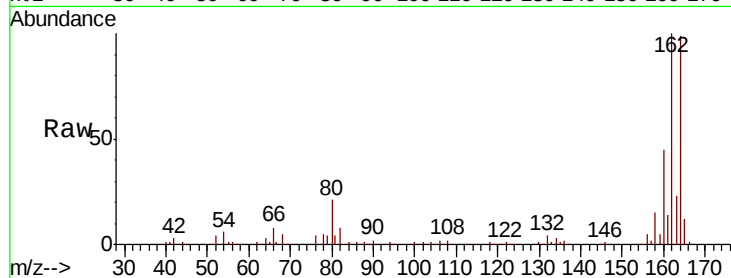
Tot Ion:164 Resp: 196785

Ion Ratio Lower Upper

164 100

162 101.3 81.3 121.9

160 45.4 36.3 54.5



#42

2,4,6-Tribromophenol

Concen: 122.673 ng

RT: 16.23 min Scan# 2202

Delta R.T. -0.00 min

Lab File: BG037569.D

Acq: 26 Oct 2018 7:23

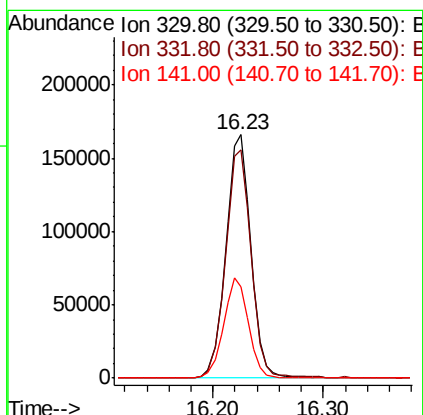
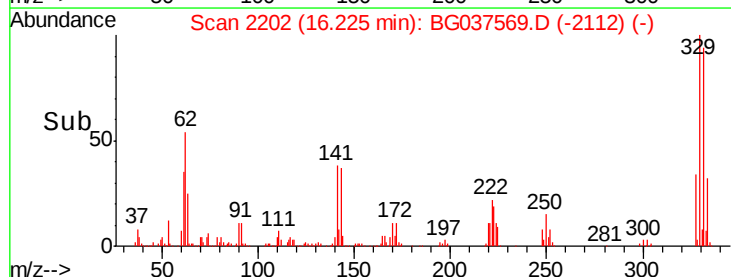
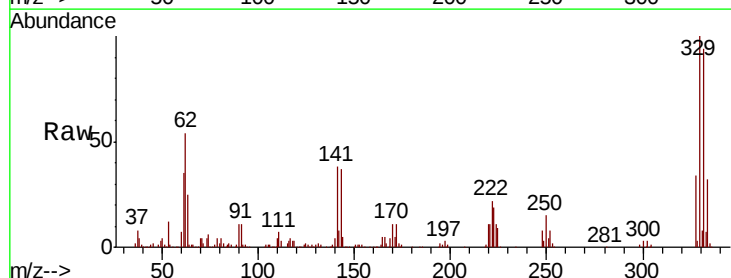
Tgt Ion:330 Resp: 263294

Ion Ratio Lower Upper

330 100

332 95.4 78.4 117.6

141 40.9 32.2 48.2

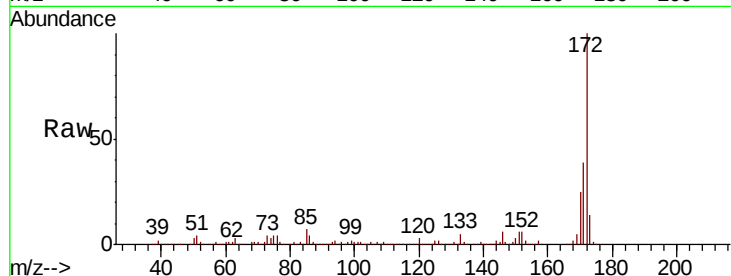




#45
2-Fluorobiphenyl
Concen: 73.984 ng
RT: 13.36 min Scan# 1714
Delta R.T. -0.01 min
Lab File: BG037569.D
Acq: 26 Oct 2018 7:23

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.6	31.0	46.4
170	25.0	20.2	30.2

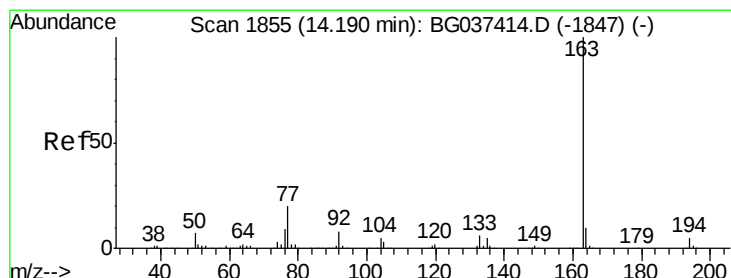
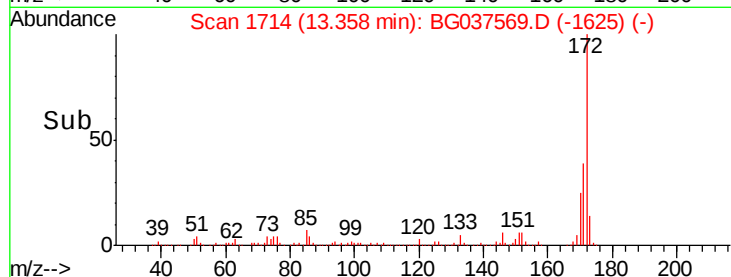
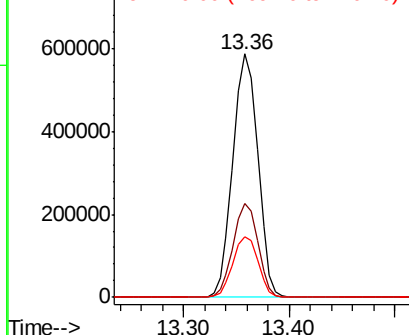


Abundance

Ion 172.00 (171.70 to 172.70): E

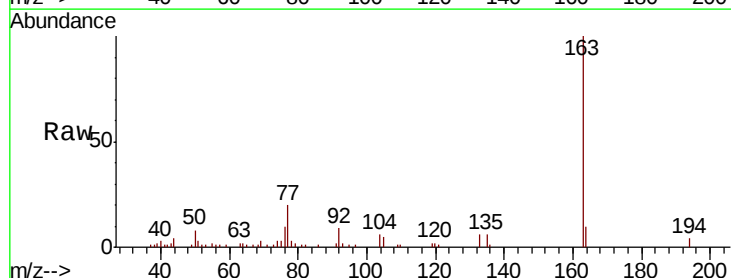
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#50
Dimethylphthalate
Concen: 2.100 ng
RT: 14.18 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BG037569.D
Acq: 26 Oct 2018 7:23

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.5	5.3
164	9.6	8.5	12.7

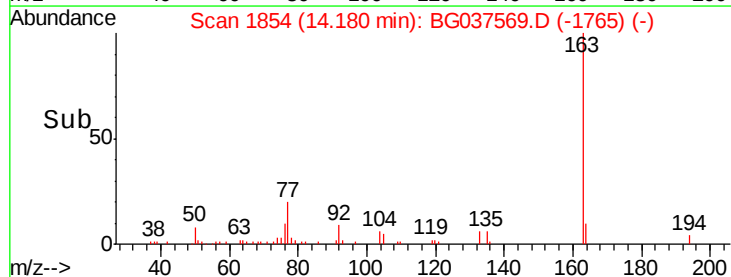
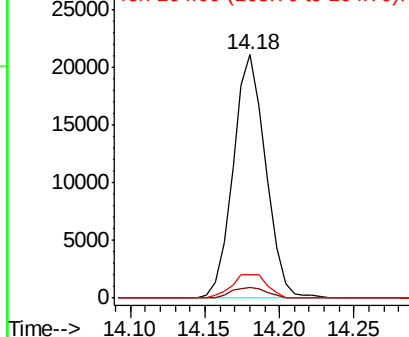


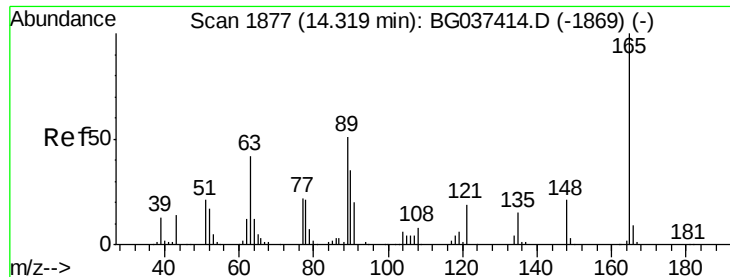
Abundance

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

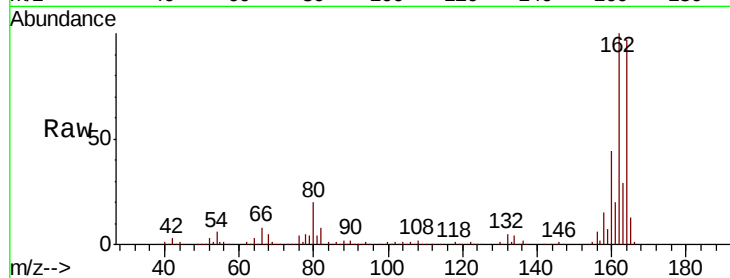




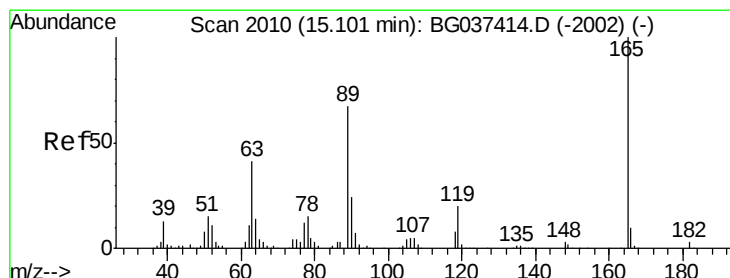
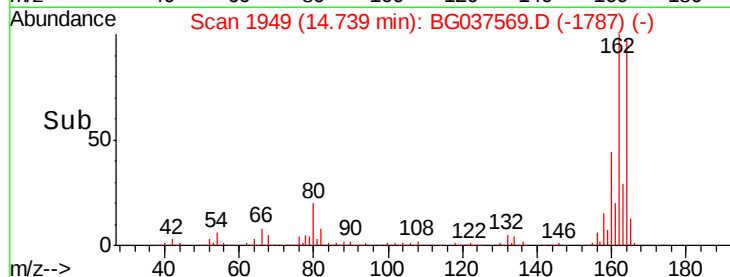
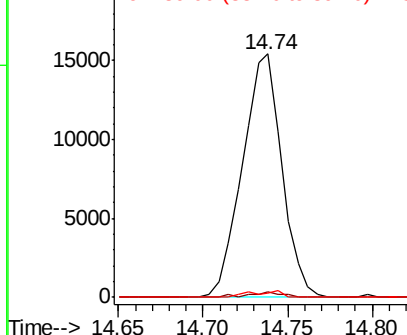
#51
 2,6-Dinitrotoluene
 Concen: 7.426 ng
 RT: 14.74 min Scan# 1949
 Delta R.T. 0.42 min
 Lab File: BG037569.D
 Acq: 26 Oct 2018 7:23

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	2.0	43.4	65.2#
89	2.0	45.8	68.6#



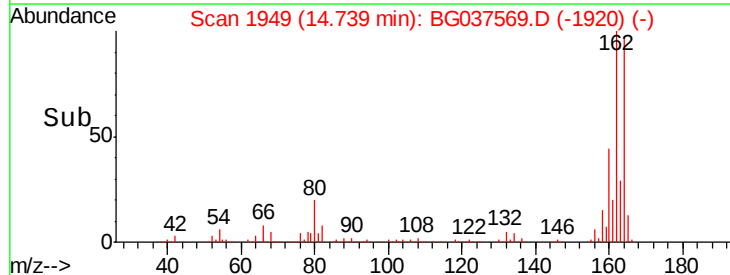
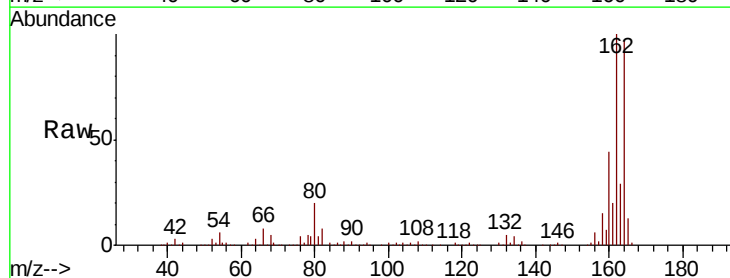
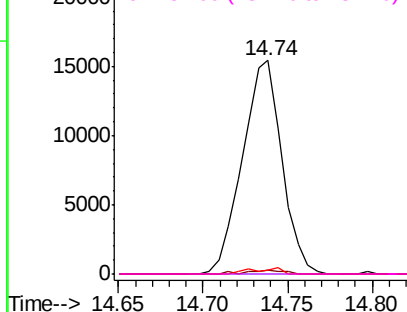
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

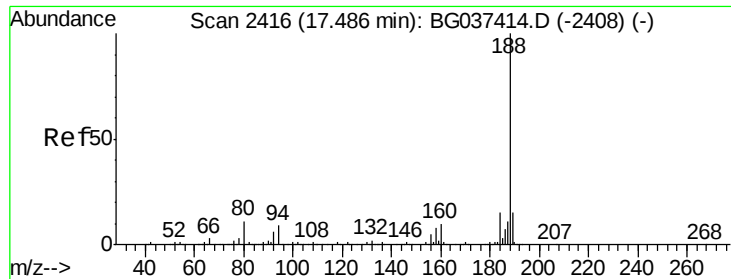


#57
 2,4-Dinitrotoluene
 Concen: 5.657 ng
 RT: 14.74 min Scan# 1949
 Delta R.T. -0.36 min
 Lab File: BG037569.D
 Acq: 26 Oct 2018 7:23

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.0	33.4	50.0#
89	2.0	57.2	85.8#
182	0.0	2.6	4.0#

Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.48 min Scan# 2416

Delta R.T. -0.00 min

Lab File: BG037569.D

Acq: 26 Oct 2018 7:23

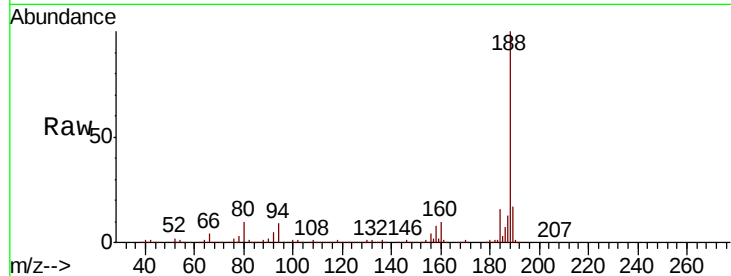
Instrument :

BNA_G

ClientSampleId :

Tot Ion:188 Resp: 472945

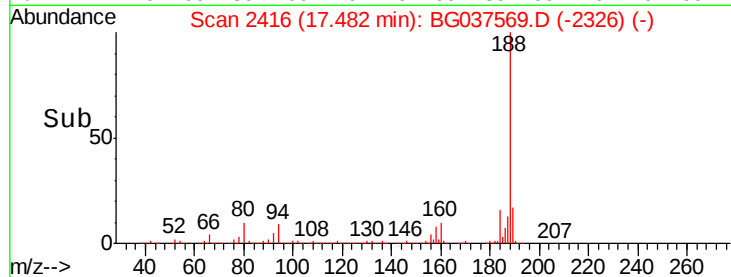
Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.2	10.8
80	10.5	7.7	11.5



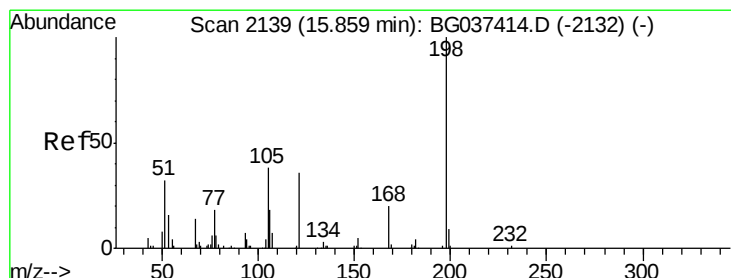
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



Time-->



#65

4,6-Dinitro-2-methylphenol

Concen: 8.764 ng

RT: 16.22 min Scan# 2201

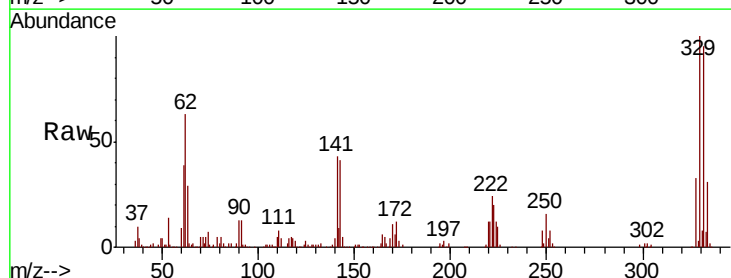
Delta R.T. 0.36 min

Lab File: BG037569.D

Acq: 26 Oct 2018 7:23

Tgt Ion:198 Resp: 774

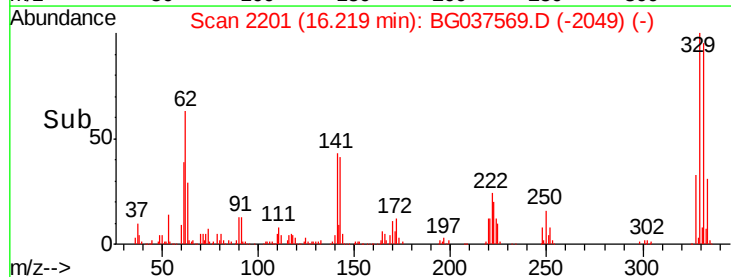
Ion	Ratio	Lower	Upper
198	100		
51	176.6	22.7	62.7#
105	167.3	19.7	59.7#



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



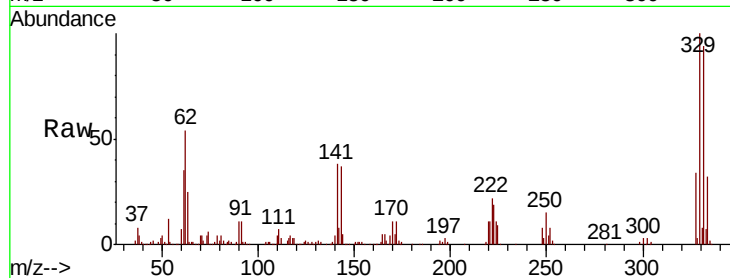
Time-->



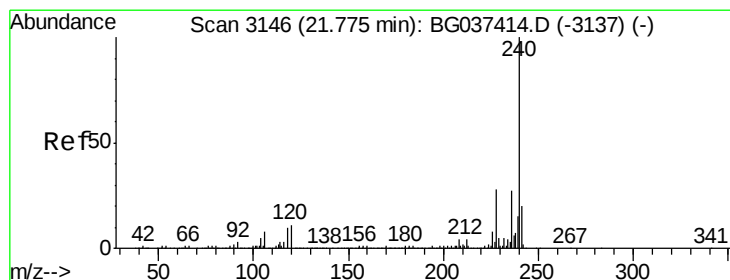
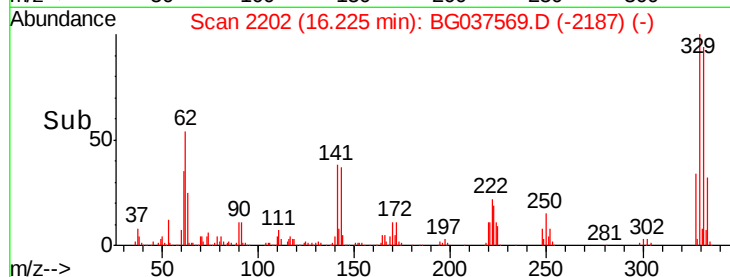
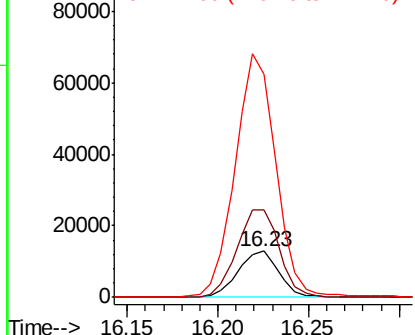
#67
4-Bromophenyl-phenylether
Concen: 3.889 ng
RT: 16.23 min Scan# 2202
Delta R.T. -0.44 min
Lab File: BG037569.D
Acq: 26 Oct 2018 7:23

Instrument :
BNA_G
ClientSampled :

Tot Ion:248 Resp: 20197
Ion Ratio Lower Upper
248 100
250 183.4 77.0 115.6#
141 358.9 55.5 83.3#

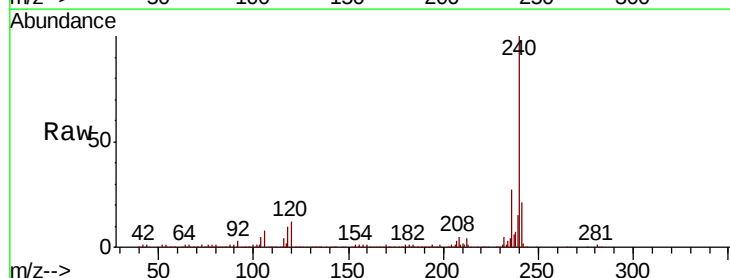


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

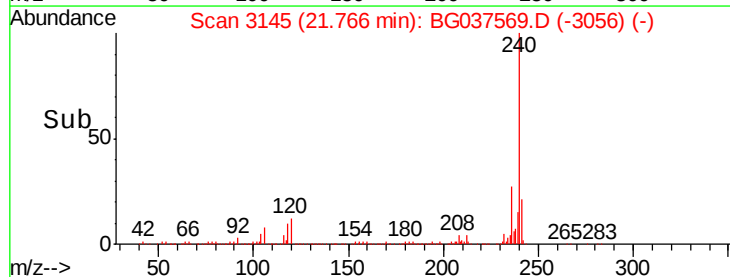
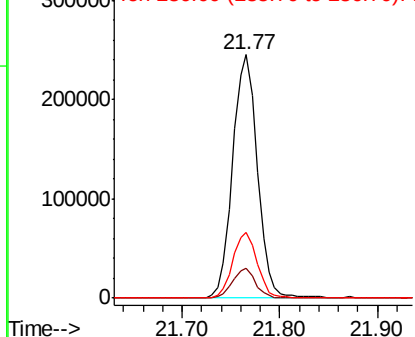


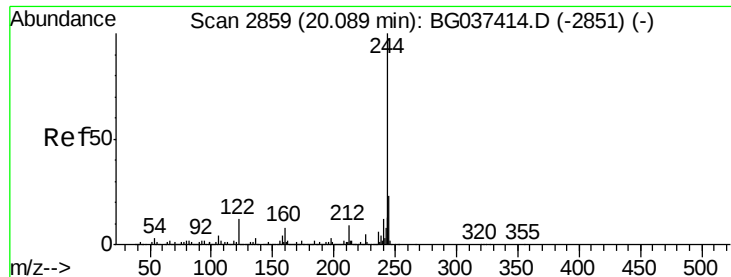
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3145
Delta R.T. -0.01 min
Lab File: BG037569.D
Acq: 26 Oct 2018 7:23

Tgt Ion:240 Resp: 433236
Ion Ratio Lower Upper
240 100
120 12.4 8.1 12.1#
236 27.2 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: 73.874 ng

RT: 20.09 min Scan# 2859

Delta R.T. -0.00 min

Lab File: BG037569.D

Acq: 26 Oct 2018 7:23

Instrument :

BNA_G

ClientSampled :

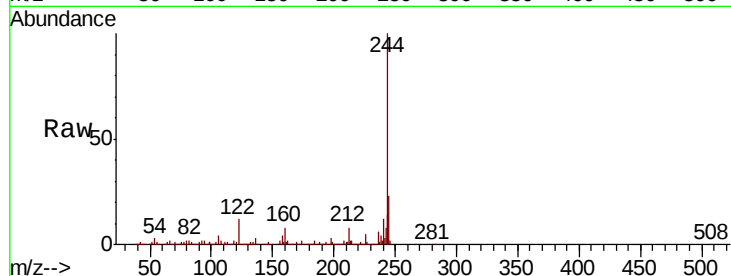
Tot Ion:244 Resp: 1497813

Ion Ratio Lower Upper

244 100

212 8.4 6.5 9.7

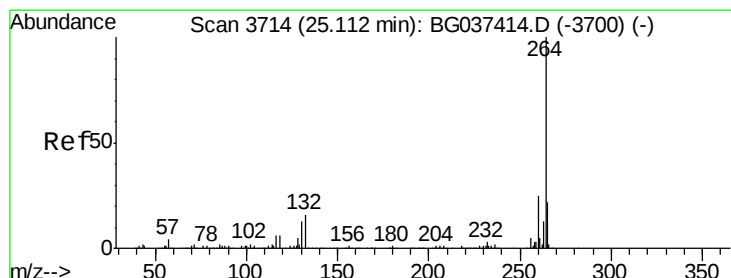
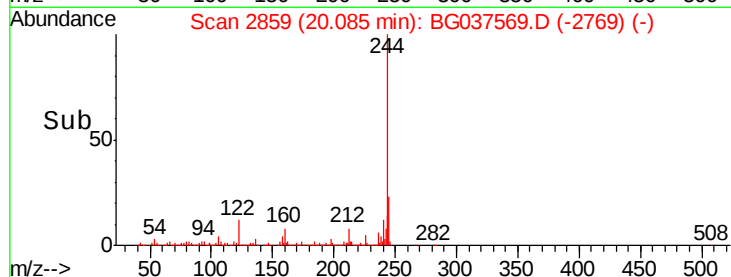
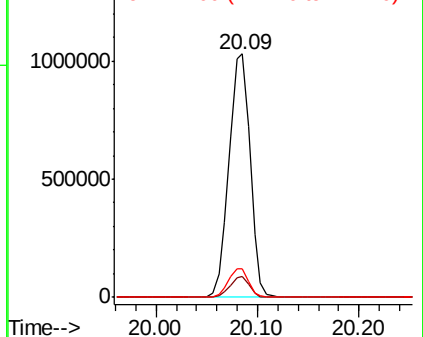
122 11.5 9.0 13.4



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# 3713

Delta R.T. -0.01 min

Lab File: BG037569.D

Acq: 26 Oct 2018 7:23

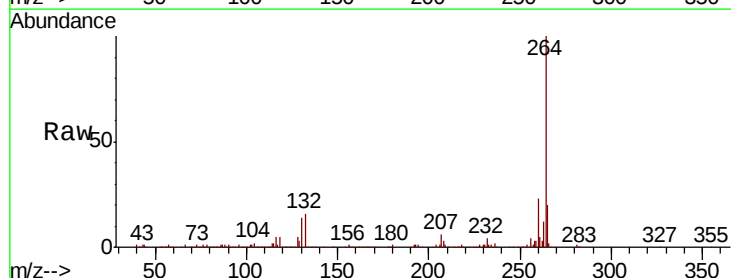
Tgt Ion:264 Resp: 441765

Ion Ratio Lower Upper

264 100

260 22.7 18.2 27.4

265 20.3 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

