

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG111918\
 Data File : BG038069.D
 Acq On : 19 Nov 2018 19:23
 Operator : JU/SJ
 Sample : J5975-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 VB44949

Quant Time: Nov 20 00:43:38 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG111318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 16:39:28 2018
 Response via : Initial Calibration

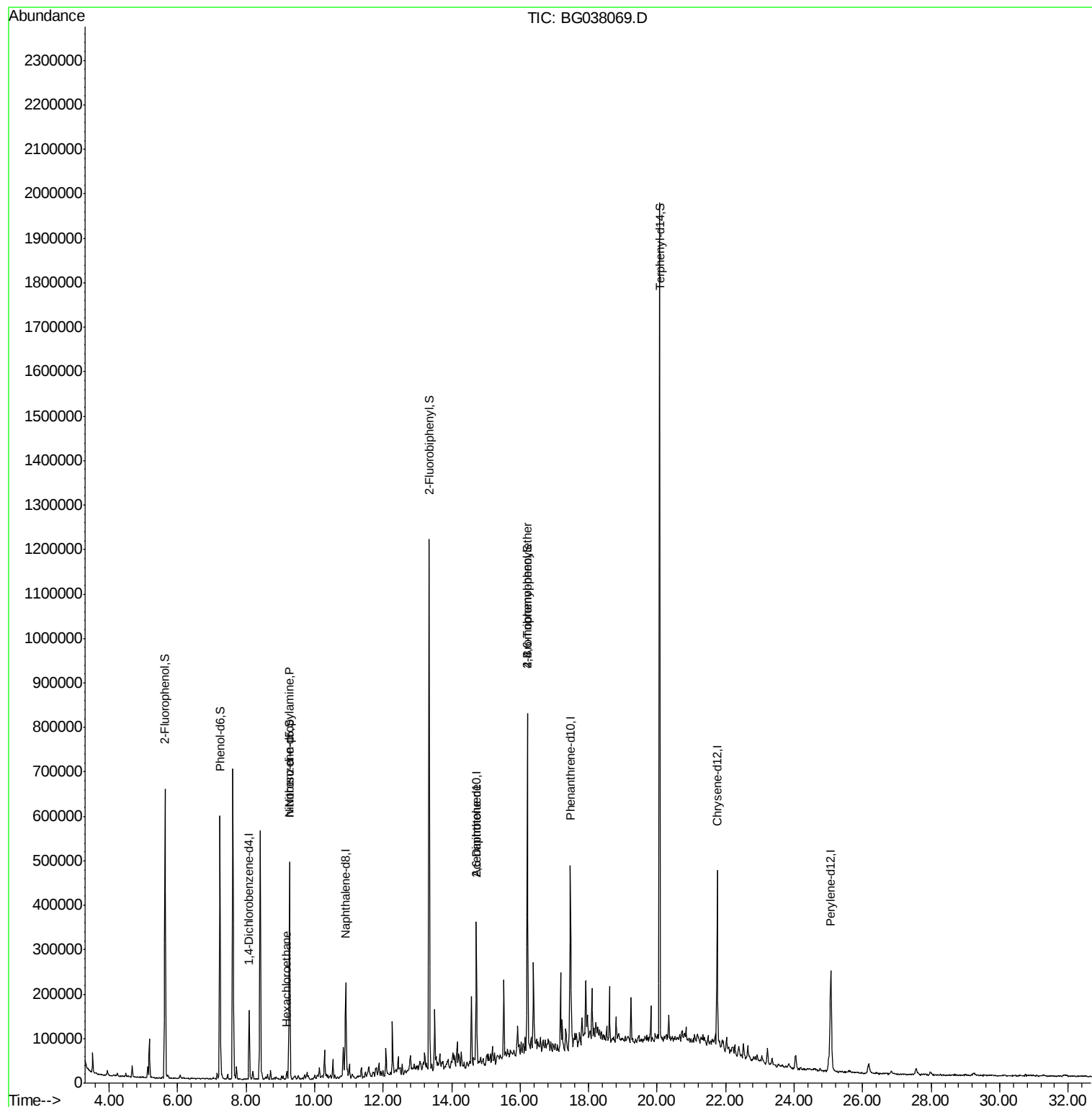
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	45646	20.00	ng	0.00
21) Naphthalene-d8	10.91	136	189928	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	112801	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	246745	20.00	ng	0.00
76) Chrysene-d12	21.75	240	236898	20.00	ng	0.00
87) Perylene-d12	25.07	264	261097	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	291811	110.38	ng	0.00
7) Phenol-d6	7.23	99	365600	96.88	ng	0.00
23) Nitrobenzene-d5	9.26	82	289159	81.50	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	134343	104.43	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	647578	83.64	ng	0.00
79) Terphenyl-d14	20.07	244	893259	88.72	ng	0.00
Target Compounds						
18) Hexachloroethane	9.20	117	2701	2.079	ng	# 14
19) n-Nitroso-di-n-propylamine	9.27	70	39474	14.456	ng	# 75
51) 2,6-Dinitrotoluene	14.72	165	16510	8.157	ng	# 26
67) 4-Bromophenyl-phenylether	16.21	248	9581	3.538	ng	# 1

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

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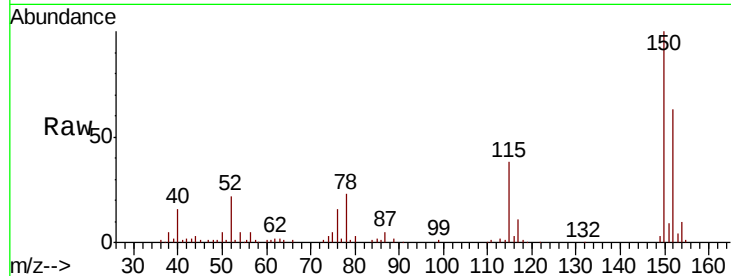


#1

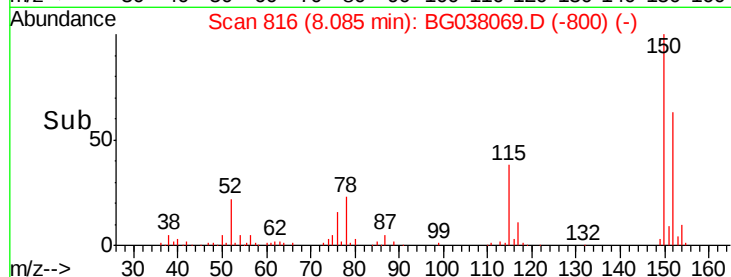
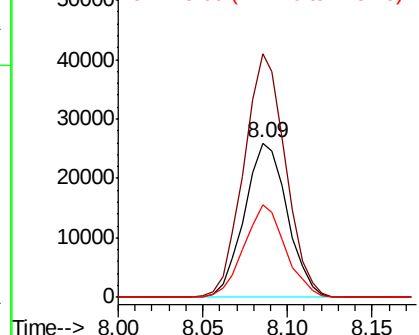
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 816
Delta R.T. -0.00 min
Lab File: BG038069.D
Acq: 19 Nov 2018 19:23

Instrument :
BNA_G
ClientSampled :
VB44949

Tgt Ion:152 Resp: 45646
Ion Ratio Lower Upper
152 100
150 157.8 126.0 189.0
115 60.3 45.5 68.3



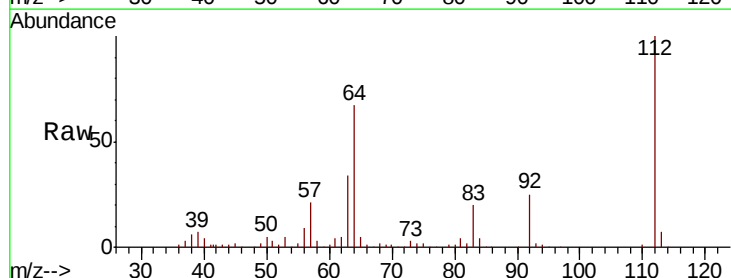
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



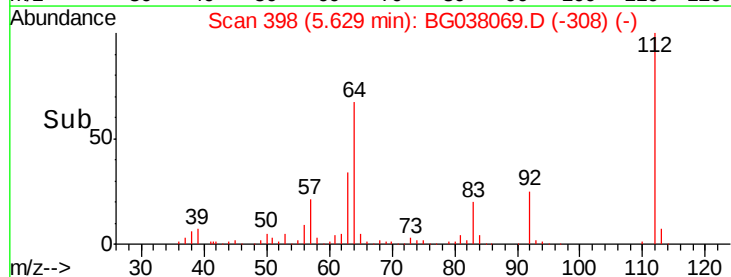
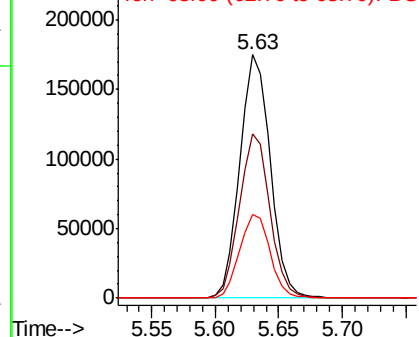
#5

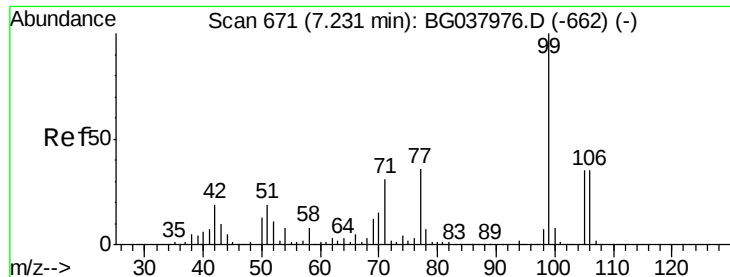
2-Fluorophenol
Concen: 110.378 ng
RT: 5.63 min Scan# 398
Delta R.T. -0.00 min
Lab File: BG038069.D
Acq: 19 Nov 2018 19:23

Tgt Ion:112 Resp: 291811
Ion Ratio Lower Upper
112 100
64 67.4 53.1 79.7
63 34.4 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: 96.879 ng

RT: 7.23 min Scan# 671

Delta R.T. 0.00 min

Lab File: BG038069.D

Acq: 19 Nov 2018 19:23

Instrument :

BNA_G

ClientSampled :

VB44949

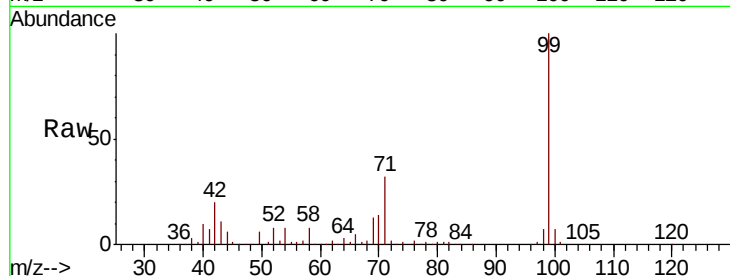
Tgt Ion: 99 Resp: 365600

Ion Ratio Lower Upper

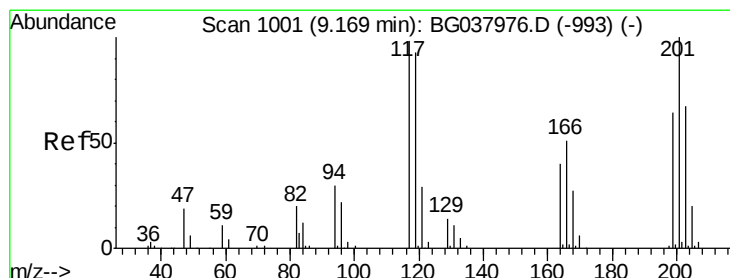
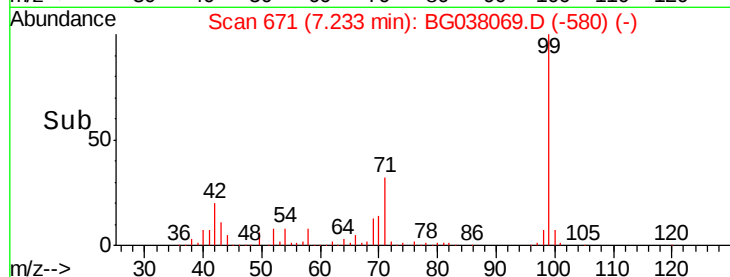
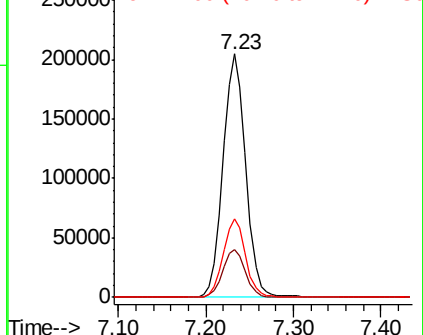
99 100

42 19.8 15.0 22.4

71 32.3 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: 2.079 ng

RT: 9.20 min Scan# 1005

Delta R.T. 0.03 min

Lab File: BG038069.D

Acq: 19 Nov 2018 19:23

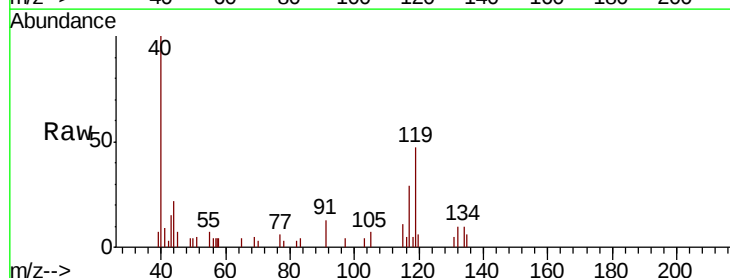
Tgt Ion: 117 Resp: 2701

Ion Ratio Lower Upper

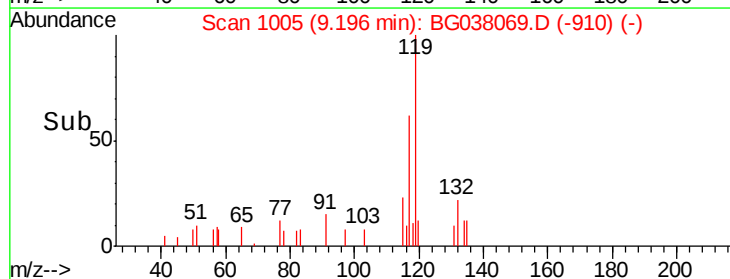
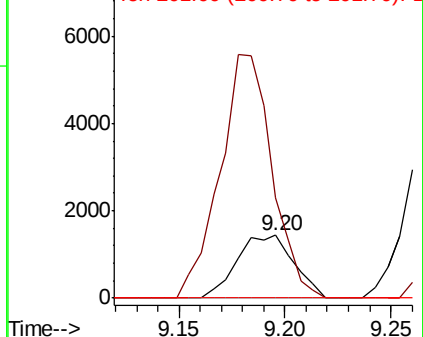
117 100

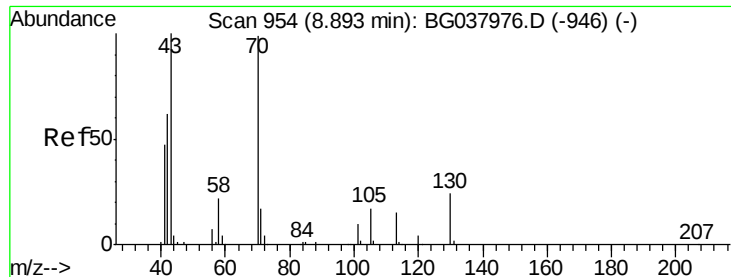
119 160.3 74.6 111.8#

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

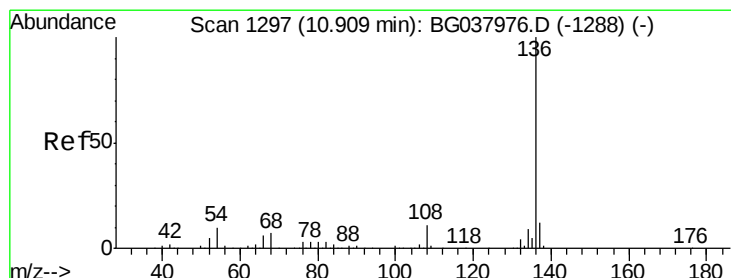
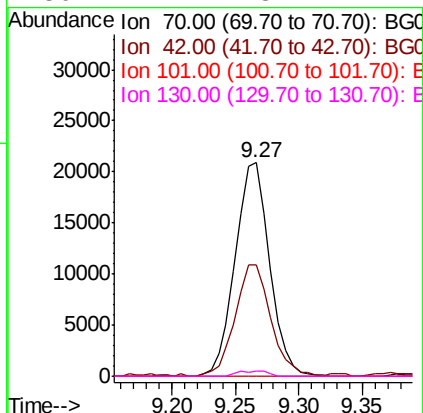
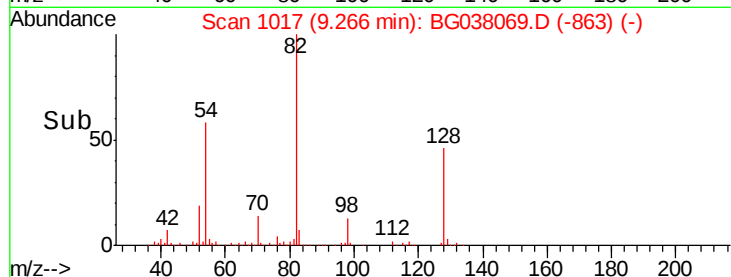
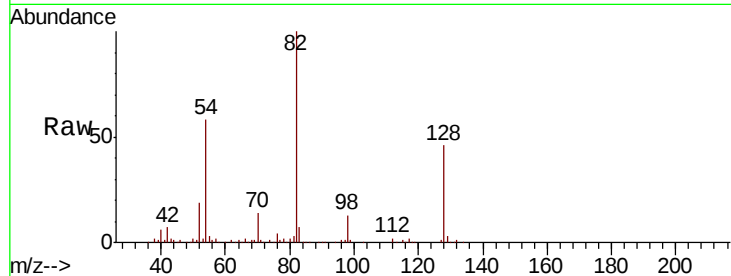




#19
n-Nitroso-di-n-propylamine
Concen: 14.456 ng
RT: 9.27 min Scan# 1017
Delta R.T. 0.37 min
Lab File: BG038069.D
Acq: 19 Nov 2018 19:23

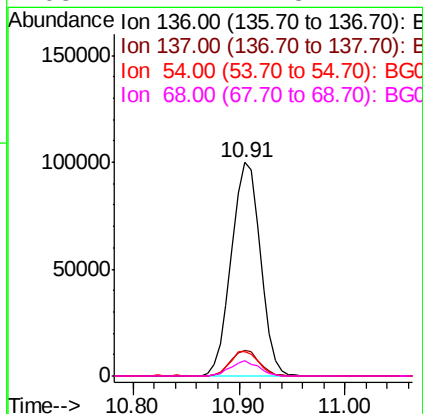
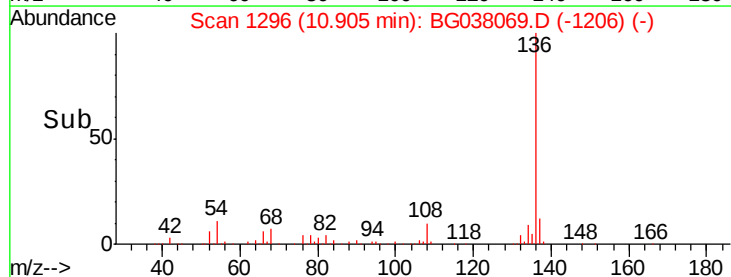
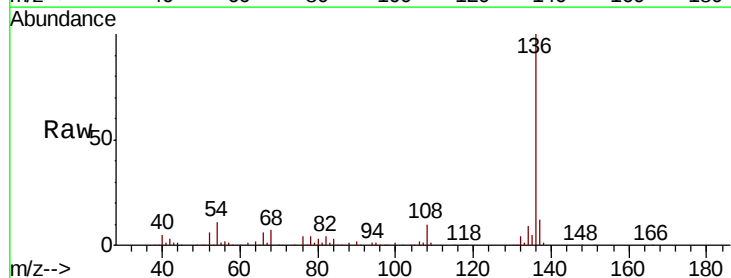
Instrument :
BNA_G
ClientSampleId :
VB44949

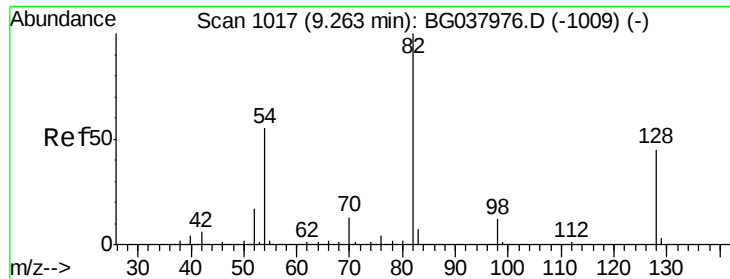
Tgt Ion: 70 Resp: 39474
Ion Ratio Lower Upper
70 100
42 51.9 53.9 80.9#
101 0.0 8.2 12.2#
130 2.2 18.2 27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1296
Delta R.T. -0.00 min
Lab File: BG038069.D
Acq: 19 Nov 2018 19:23

Tgt Ion: 136 Resp: 189928
Ion Ratio Lower Upper
136 100
137 11.9 9.6 14.4
54 11.3 7.9 11.9
68 7.1 4.8 7.2

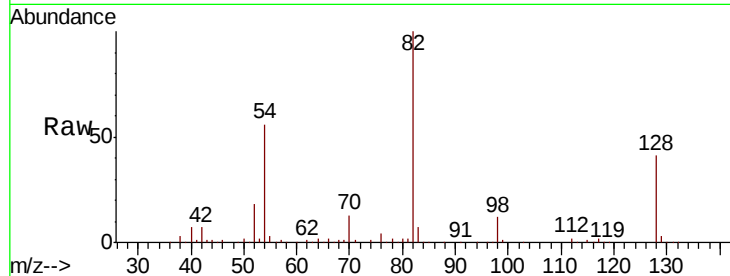




#23
 Nitrobenzene-d5
 Concen: 81.498 ng
 RT: 9.26 min Scan# 1016
 Delta R.T. -0.00 min
 Lab File: BG038069.D
 Acq: 19 Nov 2018 19:23

Instrument :
 BNA_G
 ClientSampleId :
 VB44949

Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.5	34.6	51.8
54	56.1	45.3	67.9

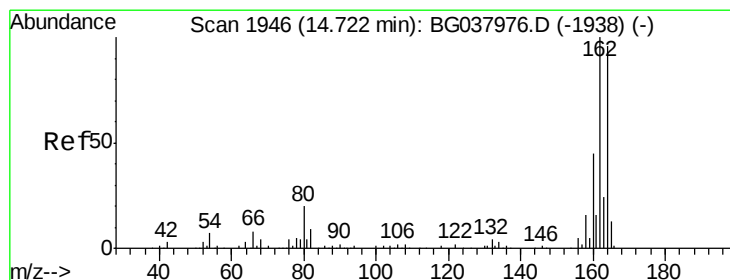
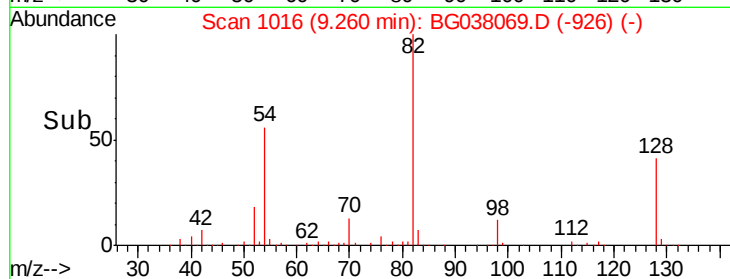
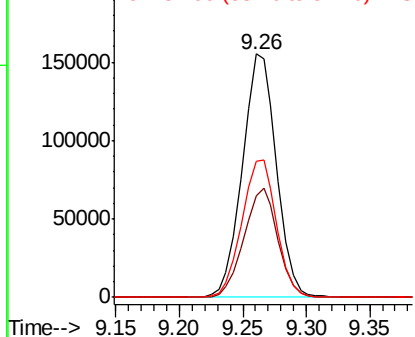


Abundance

Ion 82.00 (81.70 to 82.70): BGC

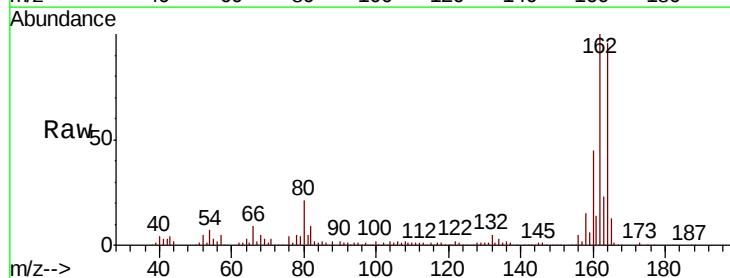
Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.72 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: BG038069.D
 Acq: 19 Nov 2018 19:23

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.9	81.3	121.9
160	47.3	36.3	54.5

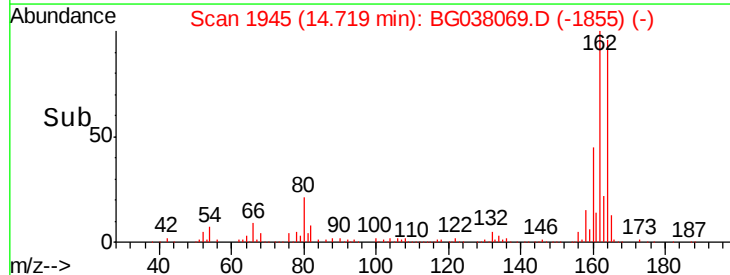
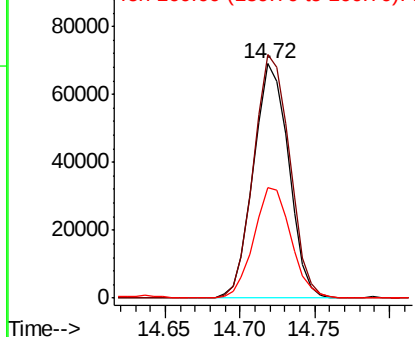


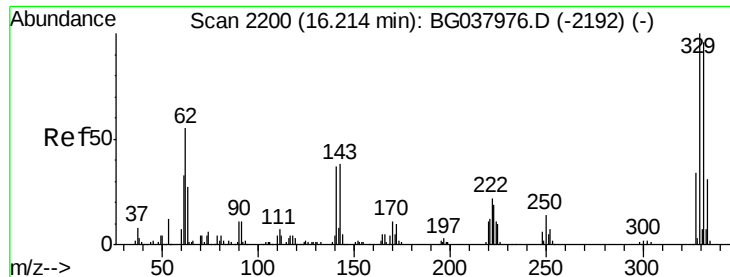
Abundance

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

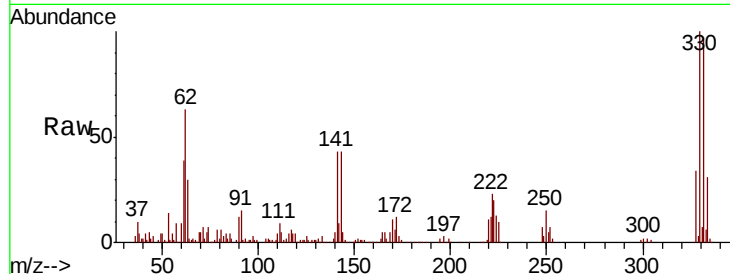




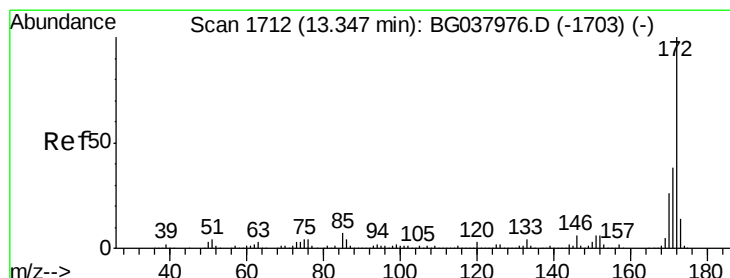
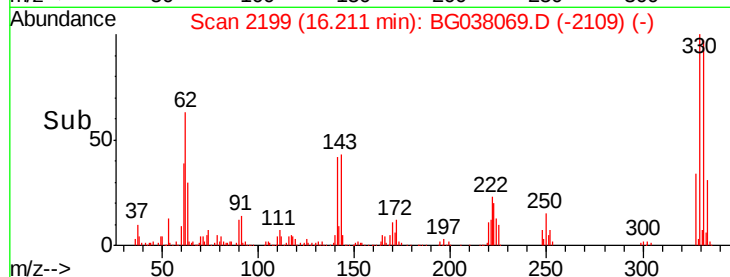
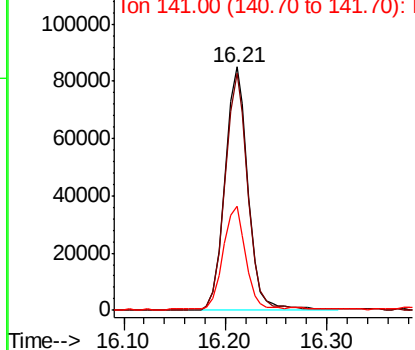
#42
 2,4,6-Tribromophenol
 Concen: 104.428 ng
 RT: 16.21 min Scan# 2199
 Delta R.T. -0.00 min
 Lab File: BG038069.D
 Acq: 19 Nov 2018 19:23

Instrument :
 BNA_G
 ClientSampleId :
 VB44949

Tgt Ion:330 Resp: 134343
 Ion Ratio Lower Upper
 330 100
 332 95.9 78.4 117.6
 141 40.8 32.2 48.2

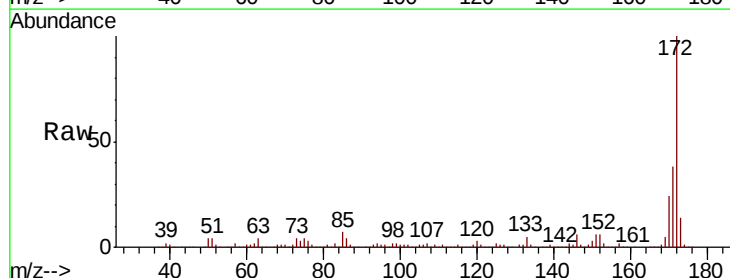


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

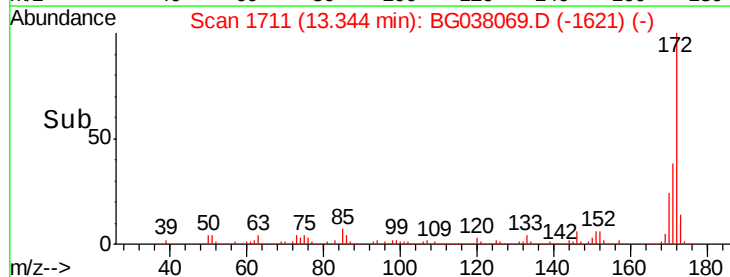
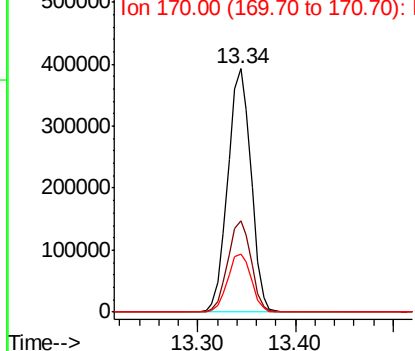


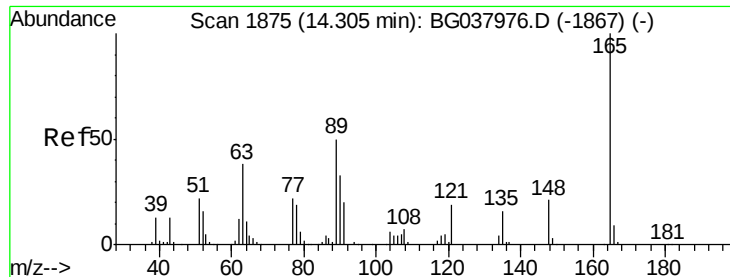
#45
 2-Fluorobiphenyl
 Concen: 83.636 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.00 min
 Lab File: BG038069.D
 Acq: 19 Nov 2018 19:23

Tgt Ion:172 Resp: 647578
 Ion Ratio Lower Upper
 172 100
 171 37.5 31.0 46.4
 170 23.7 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

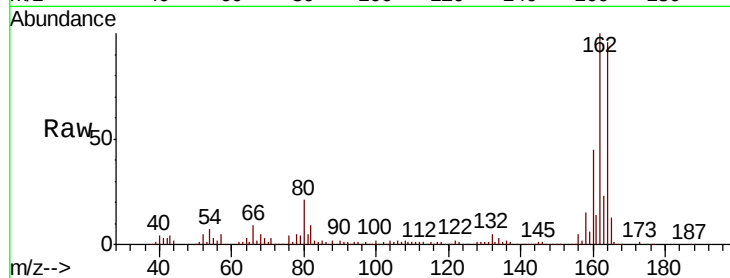




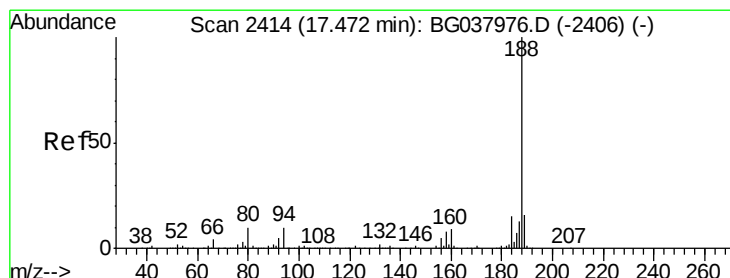
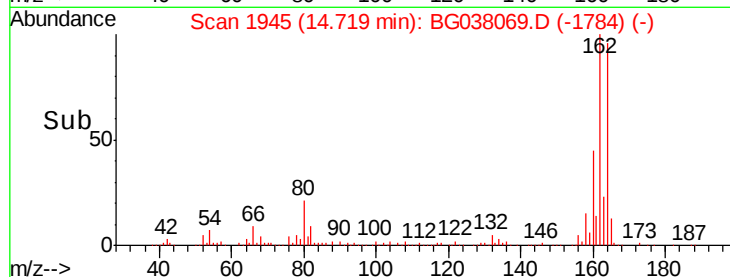
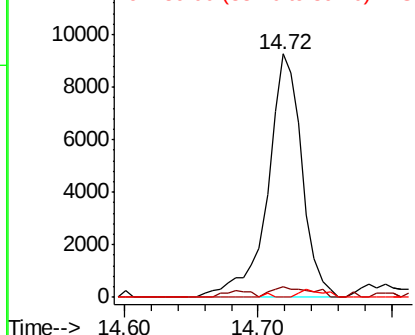
#51
2,6-Dinitrotoluene
Concen: 8.157 ng
RT: 14.72 min Scan# 1945
Delta R.T. 0.41 min
Lab File: BG038069.D
Acq: 19 Nov 2018 19:23

Instrument :
BNA_G
ClientSampleId :
VB44949

Tgt Ion:165 Resp: 16510
Ion Ratio Lower Upper
165 100
63 4.3 43.4 65.2#
89 0.0 45.8 68.6#

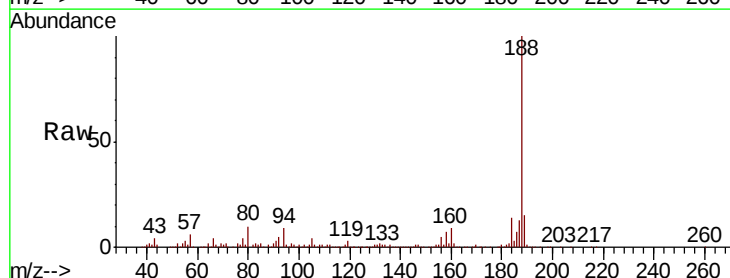


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC

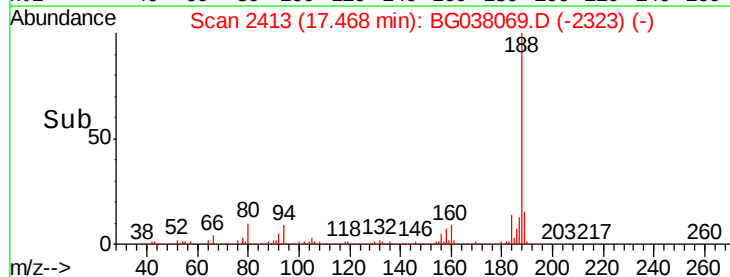
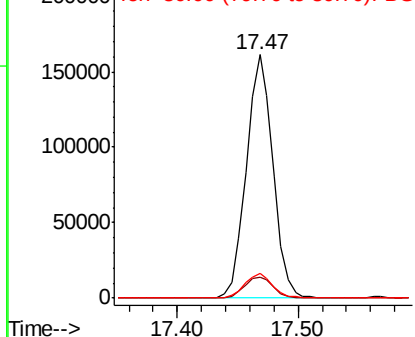


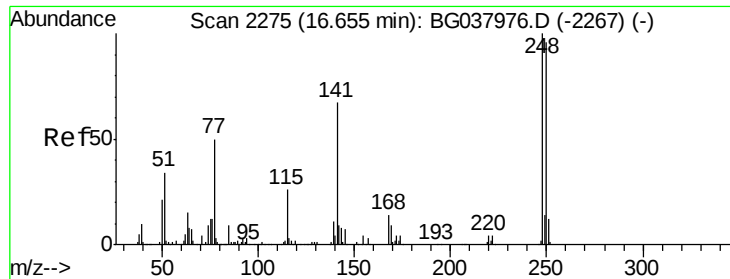
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2413
Delta R.T. -0.00 min
Lab File: BG038069.D
Acq: 19 Nov 2018 19:23

Tgt Ion:188 Resp: 246745
Ion Ratio Lower Upper
188 100
94 8.7 7.2 10.8
80 10.1 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

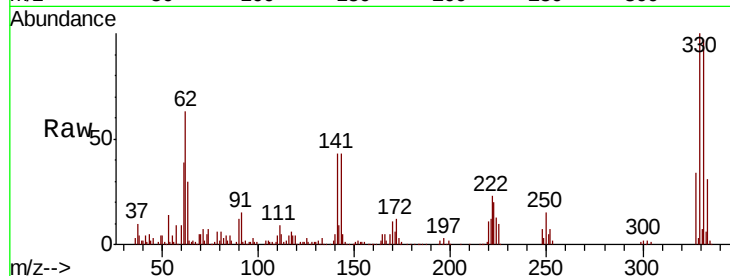




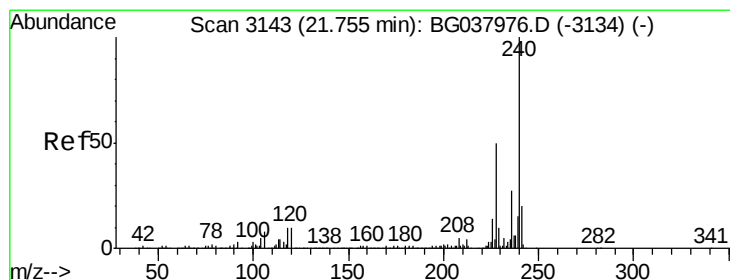
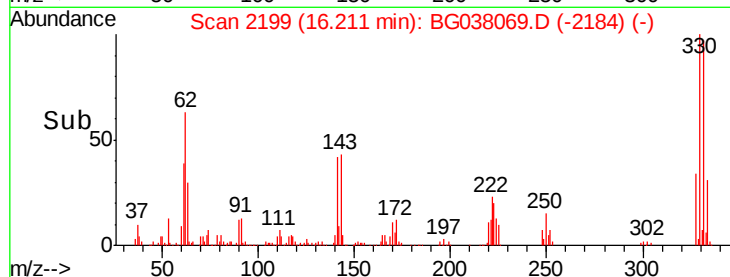
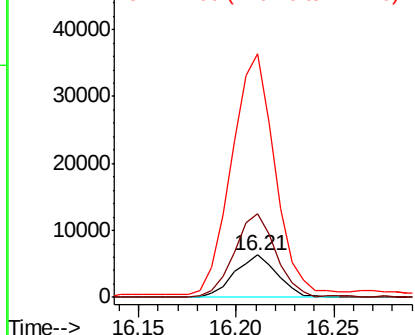
#67
 4-Bromophenyl-phenylether
 Concen: 3.538 ng
 RT: 16.21 min Scan# 2199
 Delta R.T. -0.44 min
 Lab File: BG038069.D
 Acq: 19 Nov 2018 19:23

Instrument :
 BNA_G
 ClientSampleId :
 VB44949

Tgt Ion:248 Resp: 9581
 Ion Ratio Lower Upper
 248 100
 250 198.5 77.0 115.6#
 141 427.6 55.5 83.3#

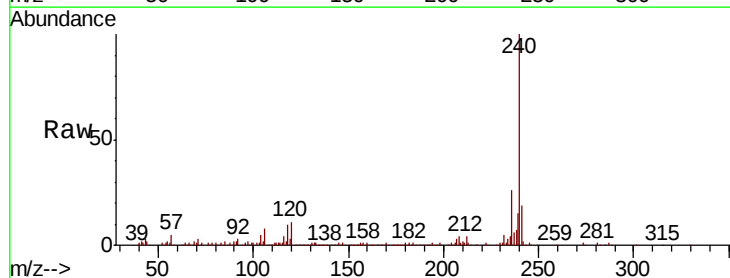


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

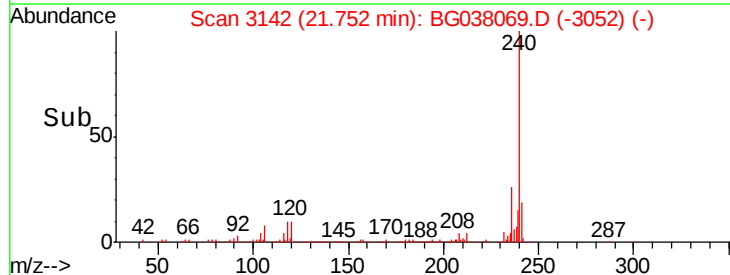
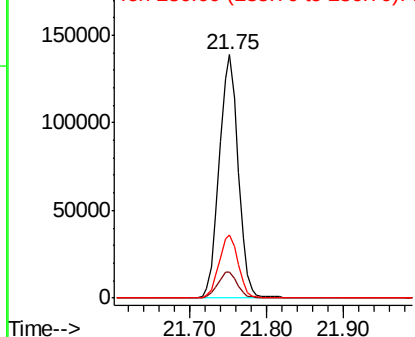


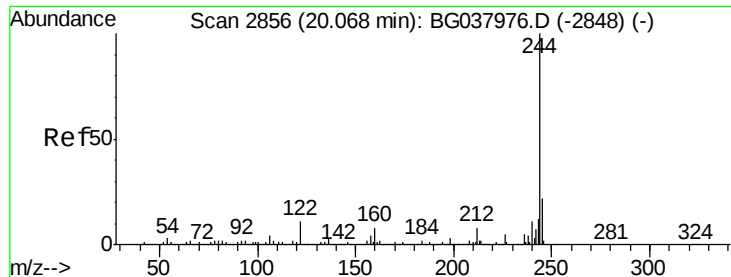
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.75 min Scan# 3142
 Delta R.T. -0.00 min
 Lab File: BG038069.D
 Acq: 19 Nov 2018 19:23

Tgt Ion:240 Resp: 236898
 Ion Ratio Lower Upper
 240 100
 120 10.8 8.1 12.1
 236 26.0 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: 88.724 ng

RT: 20.07 min Scan# 2856

Delta R.T. 0.00 min

Lab File: BG038069.D

Acq: 19 Nov 2018 19:23

Instrument :

BNA_G

ClientSampleId :

VB44949

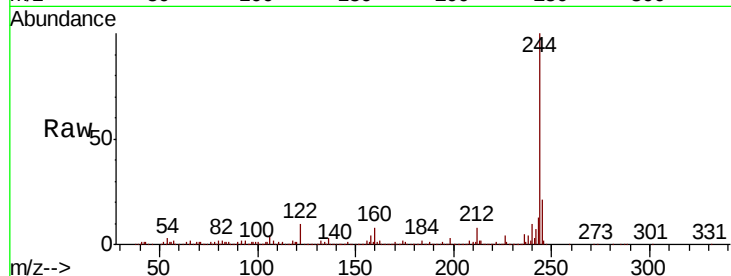
Tgt Ion:244 Resp: 893259

Ion Ratio Lower Upper

244 100

212 8.1 6.5 9.7

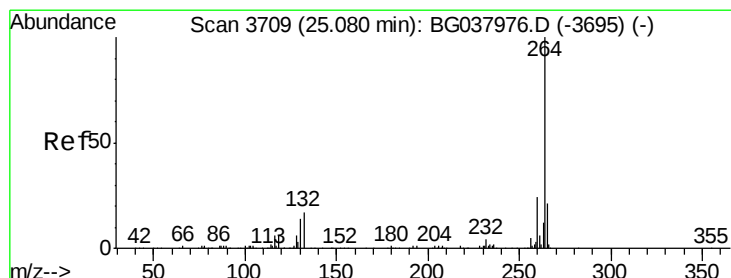
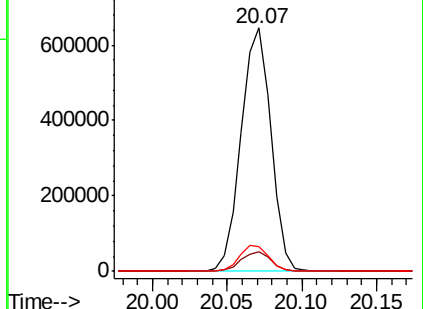
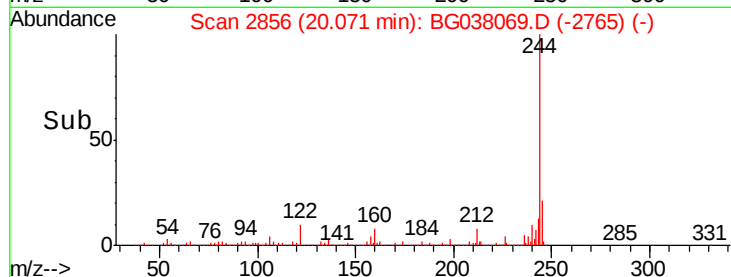
122 10.3 9.0 13.4



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: 25.07 min Scan# 3707

Delta R.T. -0.01 min

Lab File: BG038069.D

Acq: 19 Nov 2018 19:23

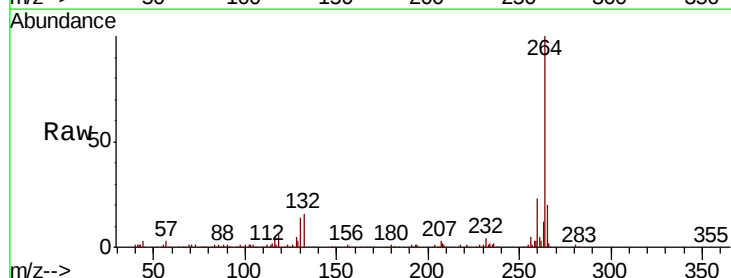
Tgt Ion:264 Resp: 261097

Ion Ratio Lower Upper

264 100

260 23.3 18.2 27.4

265 19.9 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

