

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110518\
 Data File : BG037798.D
 Acq On : 5 Nov 2018 11:56
 Operator : JU/SJ
 Sample : PB114322BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 05 13:51:05 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 05 13:45:11 2018
 Response via : Initial Calibration

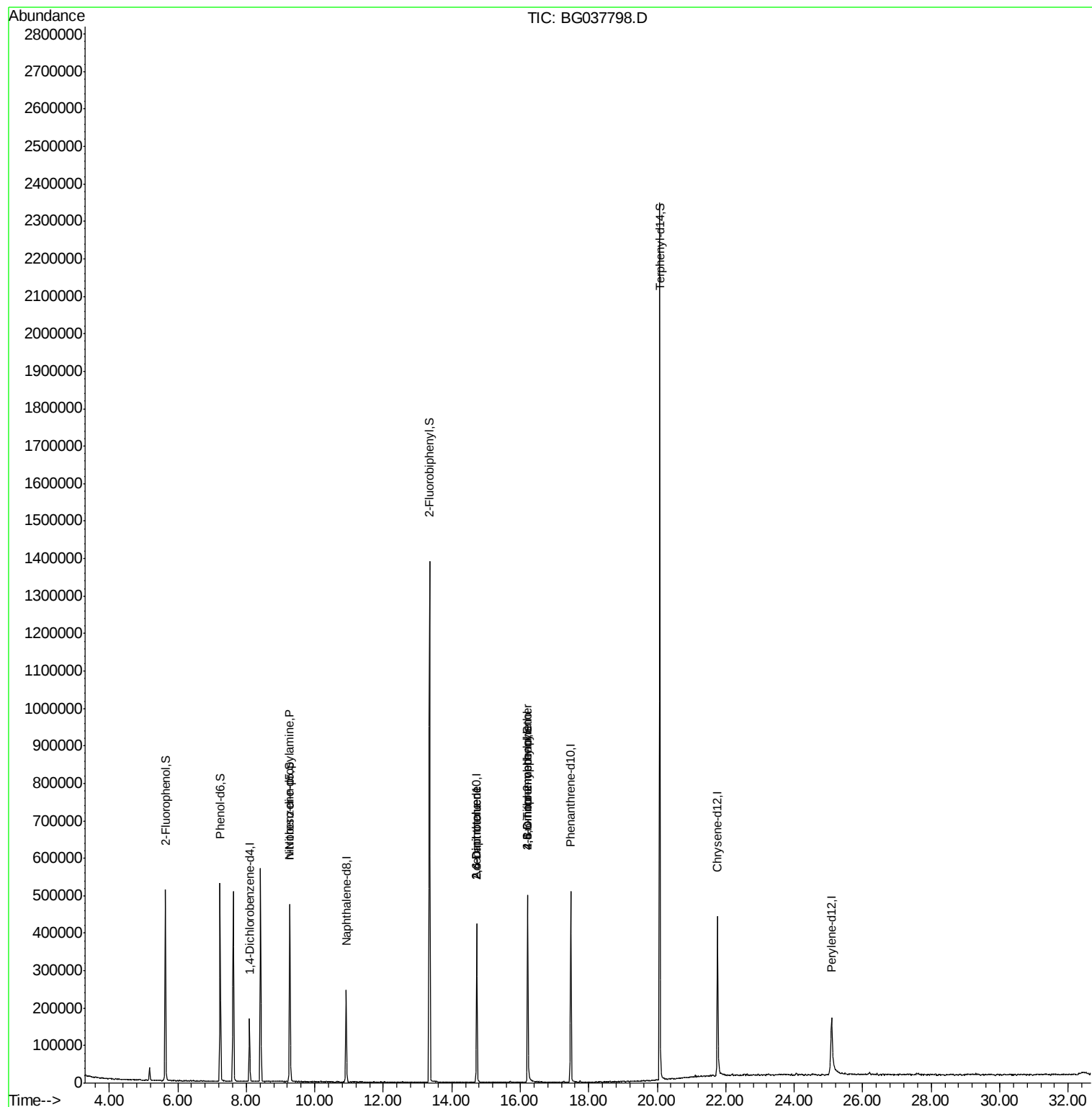
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	51546	20.00	ng	0.00
21) Naphthalene-d8	10.91	136	228722	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	154828	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	344151	20.00	ng	0.00
76) Chrysene-d12	21.76	240	312608	20.00	ng	0.00
87) Perylene-d12	25.09	264	248478	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	239093	77.55	ng	0.00
7) Phenol-d6	7.24	99	352134	75.53	ng	0.00
23) Nitrobenzene-d5	9.27	82	304917	74.68	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	102041	60.43	ng	0.00
45) 2-Fluorobiphenyl	13.35	172	797347	77.66	ng	0.00
79) Terphenyl-d14	20.07	244	1130032	77.24	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.27	70	36415	11.343	ng	# 71
51) 2,6-Dinitrotoluene	14.73	165	19710	7.439	ng	# 25
57) 2,4-Dinitrotoluene	14.73	165	19710	5.667	ng	# 24
65) 4,6-Dinitro-2-methylphenol	16.21	198	69	8.539	ng	87
67) 4-Bromophenyl-phenylether	16.22	248	7687	2.034	ng	# 1

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

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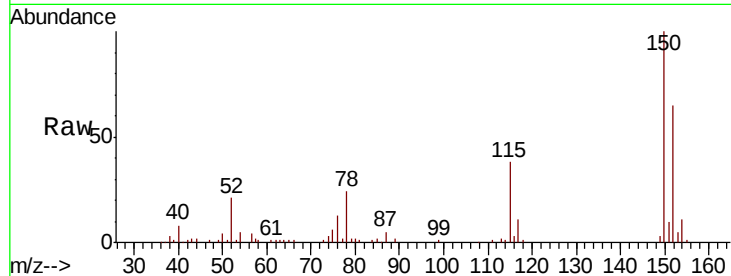


#1

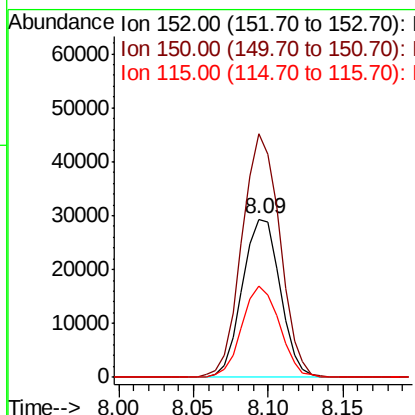
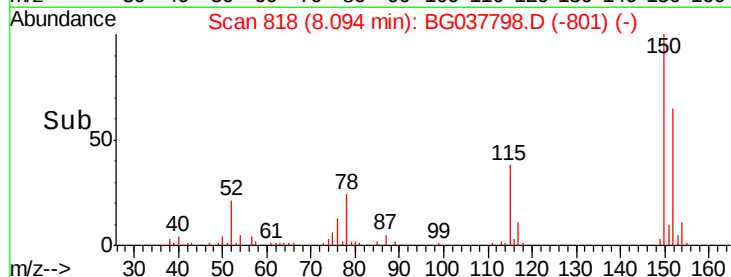
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 818
Delta R.T. -0.00 min
Lab File: BG037798.D
Acq: 5 Nov 2018 11:56

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 51546
Ion Ratio Lower Upper
152 100
150 154.2 126.0 189.0
115 58.0 45.5 68.3



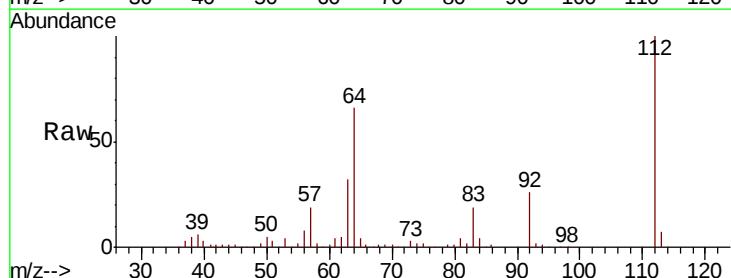
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



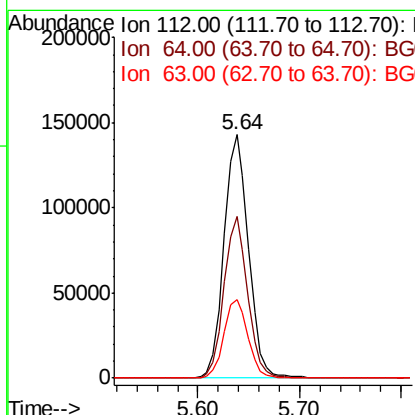
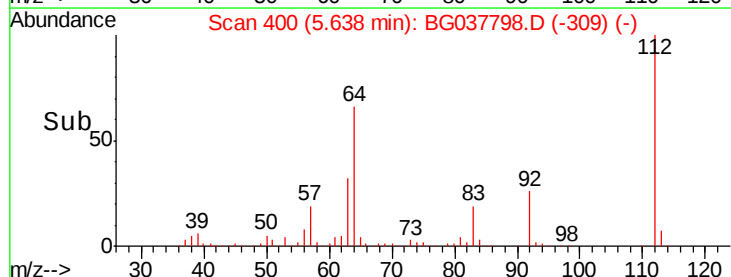
#5

2-Fluorophenol
Concen: 77.548 ng
RT: 5.64 min Scan# 400
Delta R.T. 0.00 min
Lab File: BG037798.D
Acq: 5 Nov 2018 11:56

Tgt Ion:112 Resp: 239093
Ion Ratio Lower Upper
112 100
64 66.2 53.1 79.7
63 32.2 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: 75.531 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.00 min

Lab File: BG037798.D

Acq: 5 Nov 2018 11:56

Instrument :

BNA_G

ClientSampled :

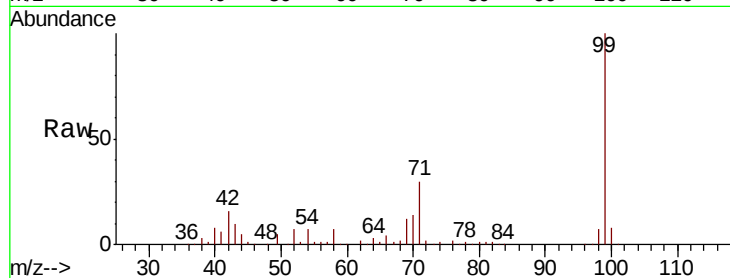
Tot Ion: 99 Resp: 352134

Ion Ratio Lower Upper

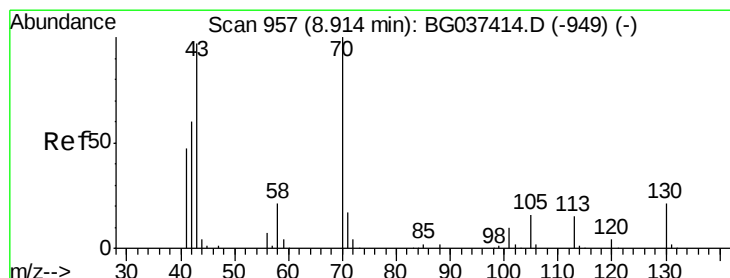
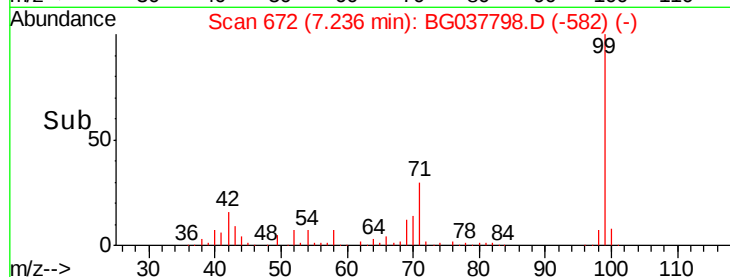
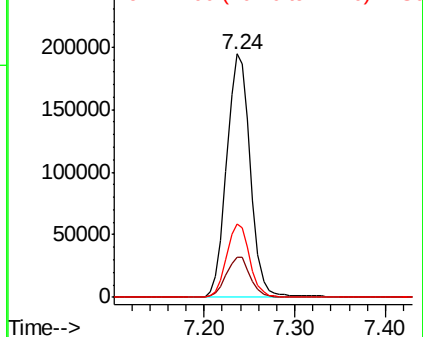
99 100

42 16.4 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: 11.343 ng

RT: 9.27 min Scan# 1018

Delta R.T. 0.37 min

Lab File: BG037798.D

Acq: 5 Nov 2018 11:56

Tgt Ion: 70 Resp: 36415

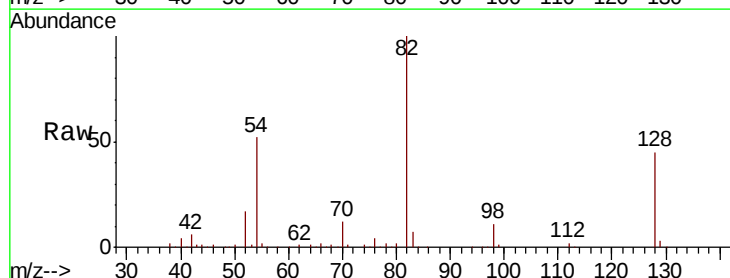
Ion Ratio Lower Upper

70 100

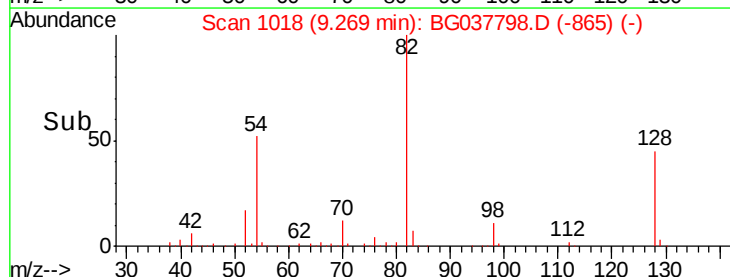
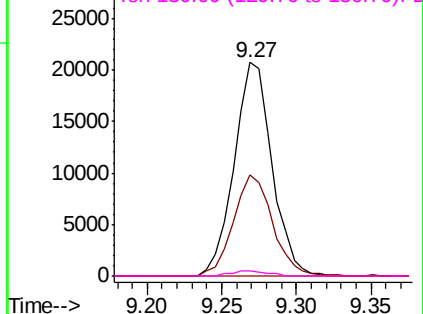
42 47.1 53.9 80.9#

101 0.0 8.2 12.2#

130 2.3 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

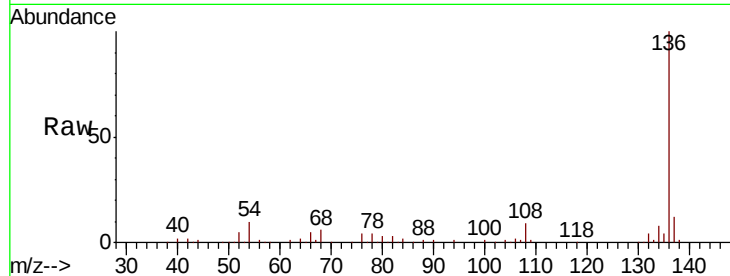




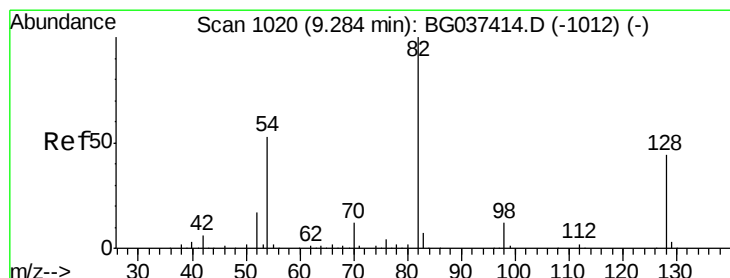
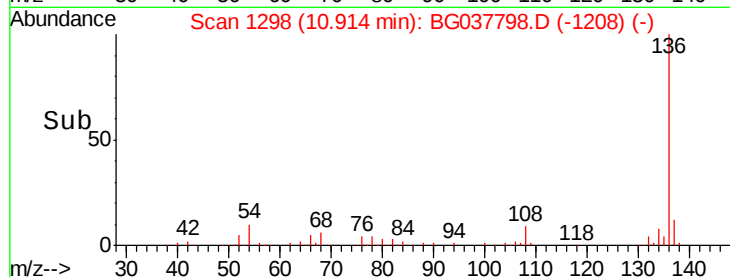
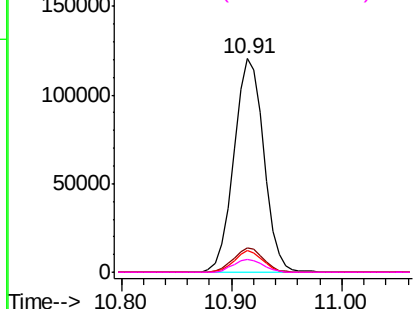
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BG037798.D
Acq: 5 Nov 2018 11:56

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	228722
Ion	Ratio	Lower Upper
136	100	
137	11.7	9.6 14.4
54	10.3	7.9 11.9
68	6.1	4.8 7.2

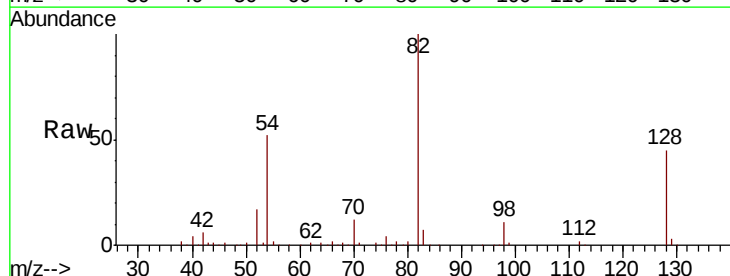


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

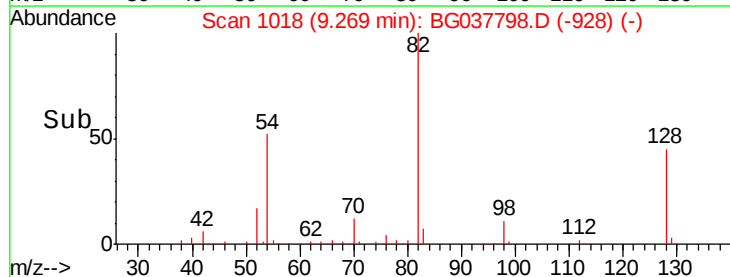
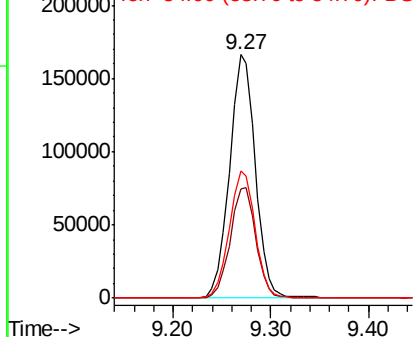


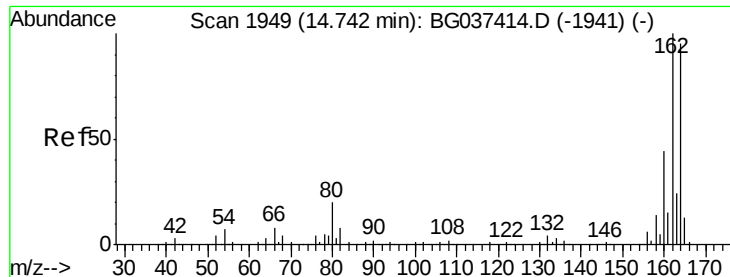
#23
Nitrobenzene-d5
Concen: 74.681 ng
RT: 9.27 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BG037798.D
Acq: 5 Nov 2018 11:56

Tgt Ion: 82	Resp:	304917
Ion	Ratio	Lower Upper
82	100	
128	45.0	34.6 51.8
54	52.0	45.3 67.9



Abundance Ion 82.00 (81.70 to 82.70): BG
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BG





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.73 min Scan# 1947

Delta R.T. -0.00 min

Lab File: BG037798.D

Acq: 5 Nov 2018 11:56

Instrument :

BNA_G

ClientSampleId :

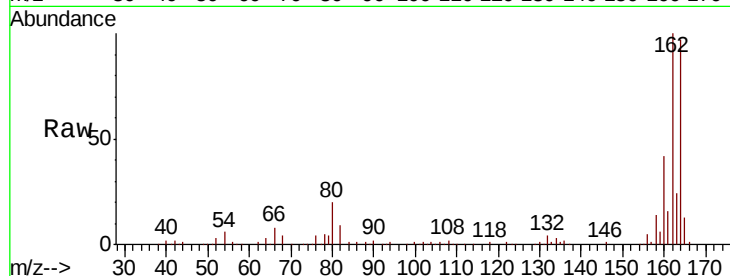
Tot Ion:164 Resp: 154828

Ion Ratio Lower Upper

164 100

162 103.0 81.3 121.9

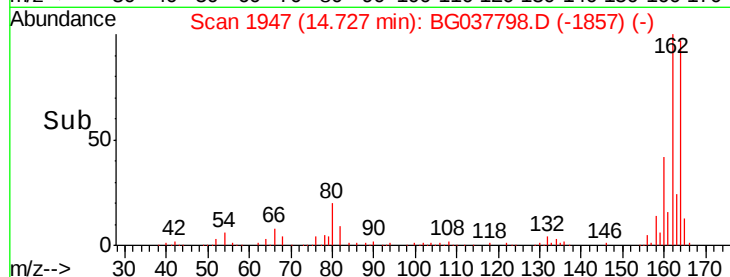
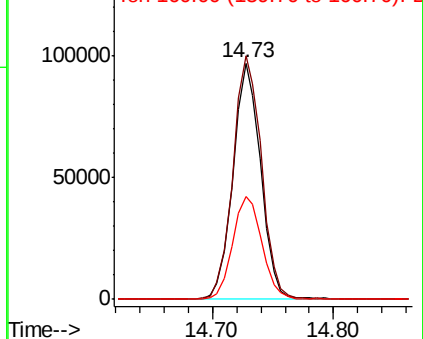
160 43.3 36.3 54.5



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: 60.426 ng

RT: 16.22 min Scan# 2201

Delta R.T. 0.00 min

Lab File: BG037798.D

Acq: 5 Nov 2018 11:56

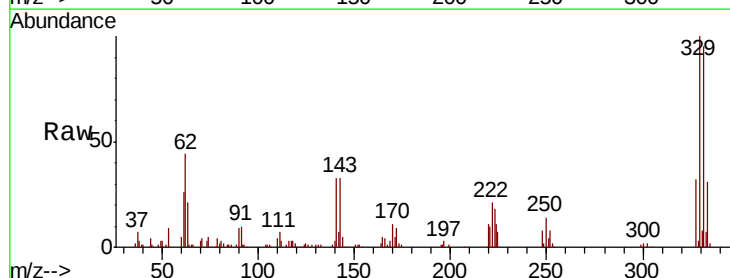
Tgt Ion:330 Resp: 102041

Ion Ratio Lower Upper

330 100

332 97.2 78.4 117.6

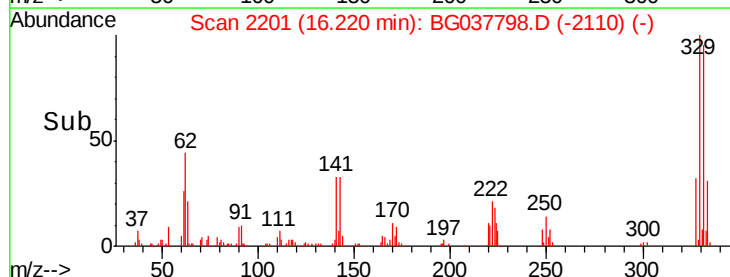
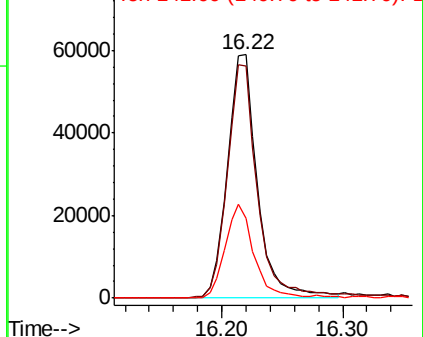
141 37.2 32.2 48.2



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

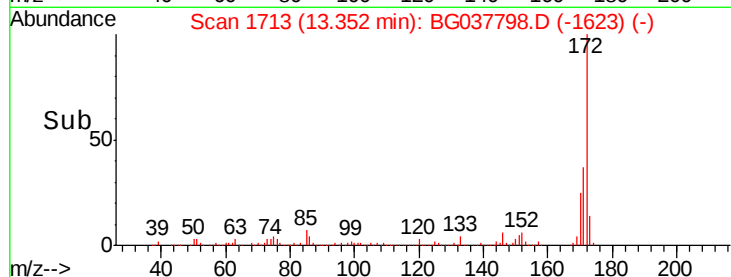
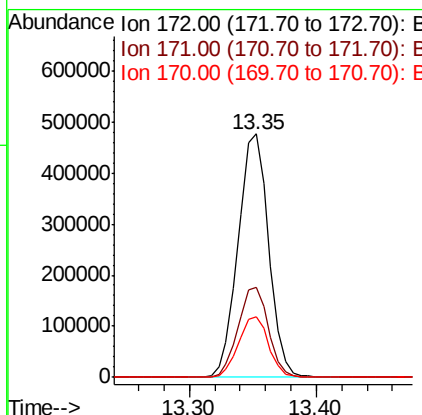
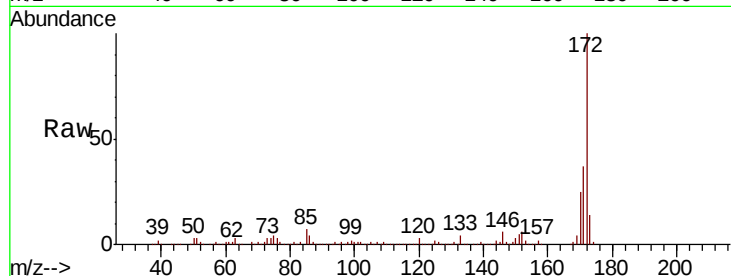




#45
 2-Fluorobiphenyl
 Concen: 77.657 ng
 RT: 13.35 min Scan# 1713
 Delta R.T. -0.00 min
 Lab File: BG037798.D
 Acq: 5 Nov 2018 11:56

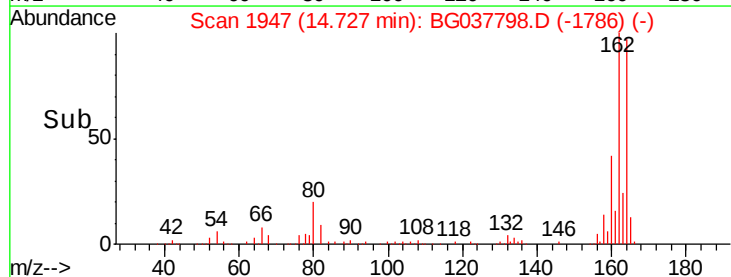
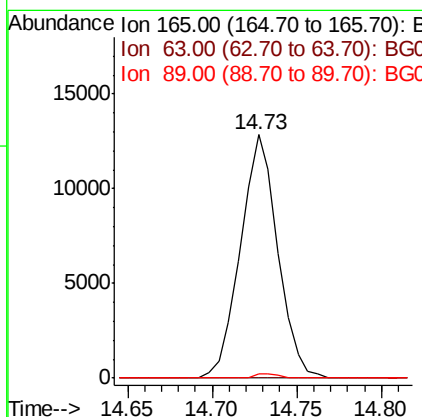
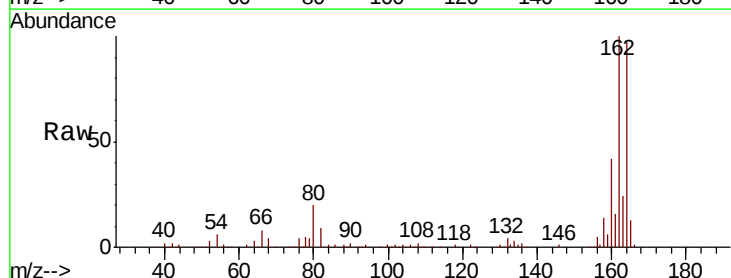
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.9	31.0	46.4
170	24.7	20.2	30.2



#51
 2,6-Dinitrotoluene
 Concen: 7.439 ng
 RT: 14.73 min Scan# 1947
 Delta R.T. 0.41 min
 Lab File: BG037798.D
 Acq: 5 Nov 2018 11:56

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

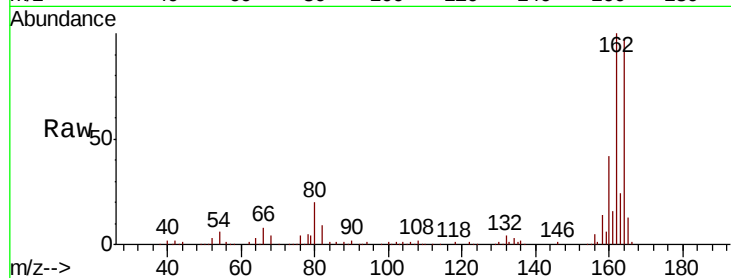




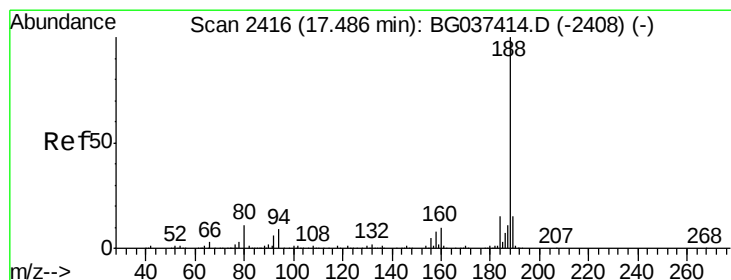
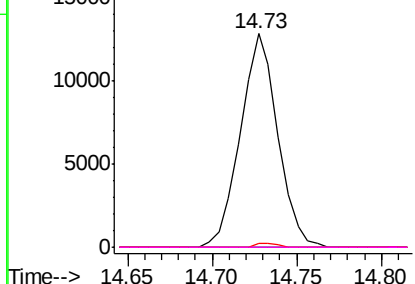
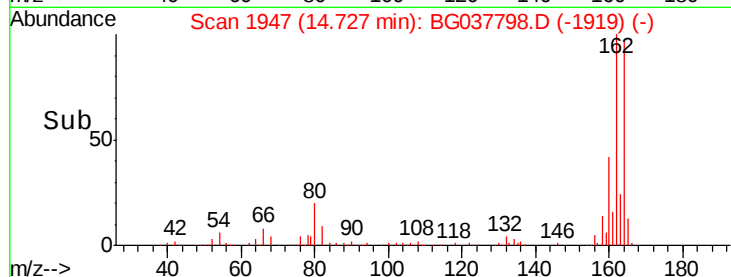
#57
 2,4-Dinitrotoluene
 Concen: 5.667 ng
 RT: 14.73 min Scan# 1947
 Delta R.T. -0.37 min
 Lab File: BG037798.D
 Acq: 5 Nov 2018 11:56

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165	Resp:	19710
Ion Ratio	Lower	Upper
165	100	
63	0.0	33.4 50.0#
89	1.6	57.2 85.8#
182	0.0	2.6 4.0#

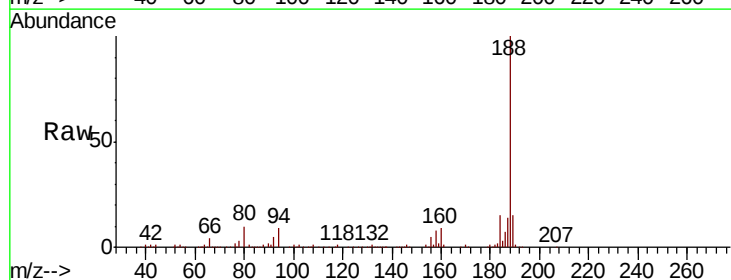


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

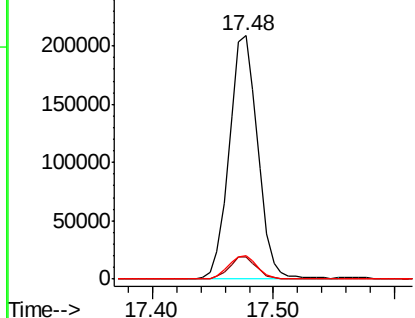
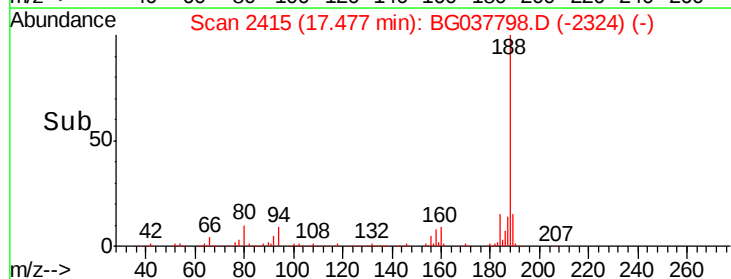


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.48 min Scan# 2415
 Delta R.T. 0.00 min
 Lab File: BG037798.D
 Acq: 5 Nov 2018 11:56

Tgt Ion:188	Resp:	344151
Ion Ratio	Lower	Upper
188	100	
94	9.2	7.2 10.8
80	9.7	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

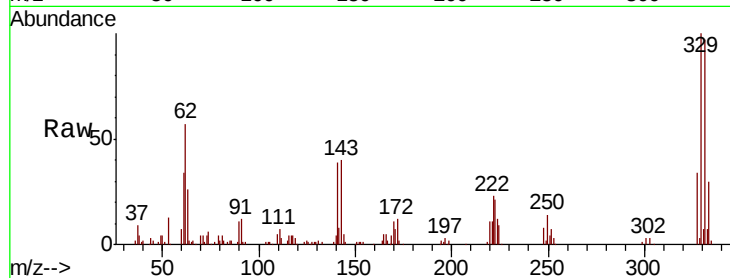




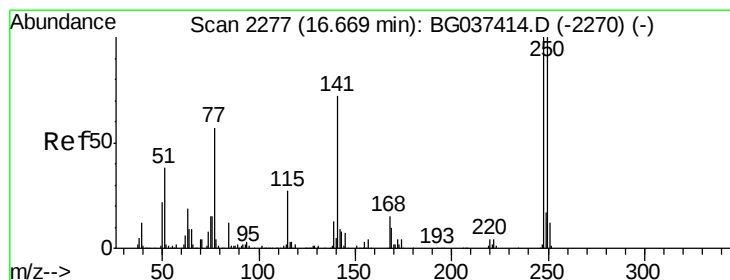
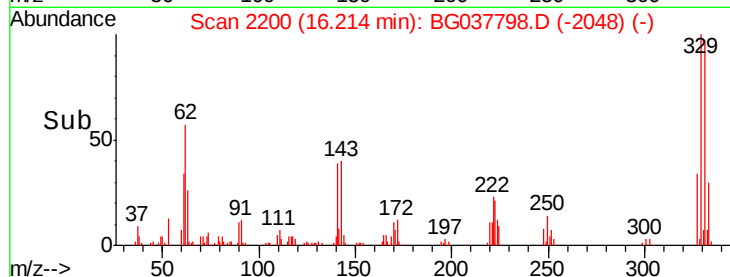
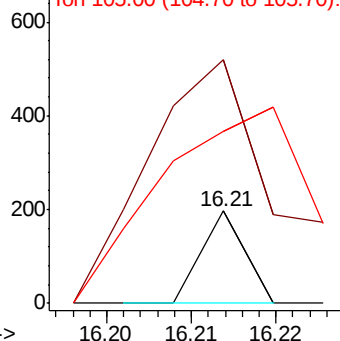
#65
 4,6-Dinitro-2-methylphenol
 Concen: 8.539 ng
 RT: 16.21 min Scan# 2200
 Delta R.T. 0.36 min
 Lab File: BG037798.D
 Acq: 5 Nov 2018 11:56

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:198 Resp: 69
 Ion Ratio Lower Upper
 198 100
 51 38.6 22.7 62.7
 105 27.3 19.7 59.7

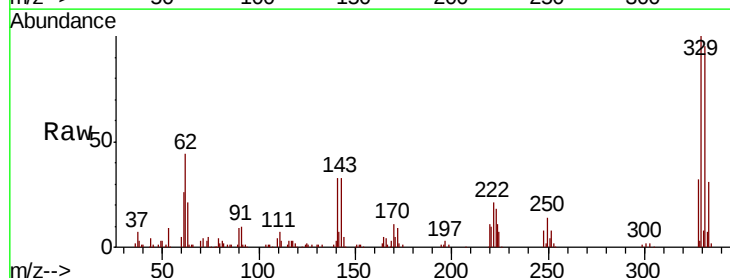


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

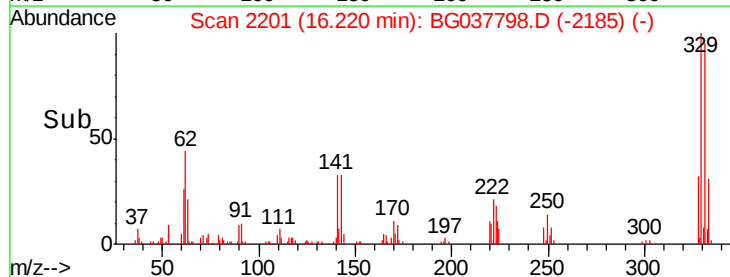
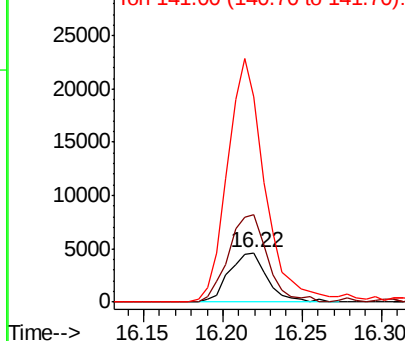


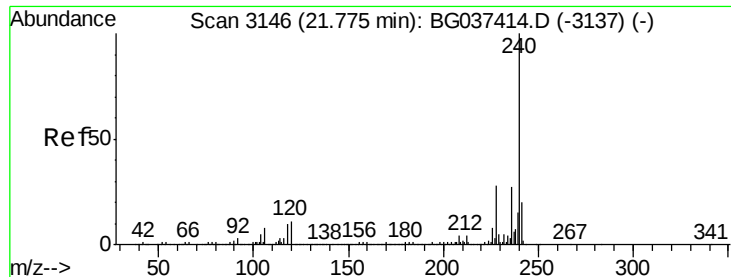
#67
 4-Bromophenyl-phenylether
 Concen: 2.034 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. -0.44 min
 Lab File: BG037798.D
 Acq: 5 Nov 2018 11:56

Tgt Ion:248 Resp: 7687
 Ion Ratio Lower Upper
 248 100
 250 184.6 77.0 115.6#
 141 336.8 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

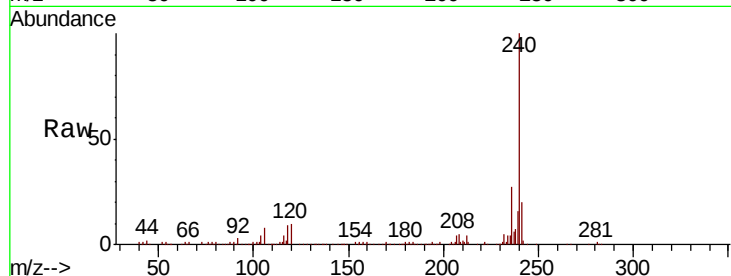




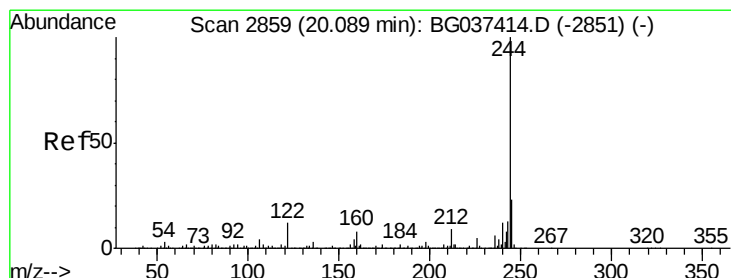
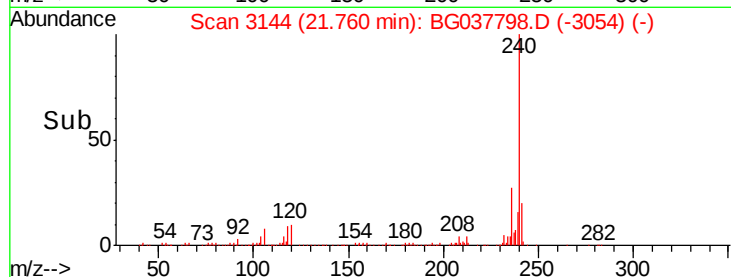
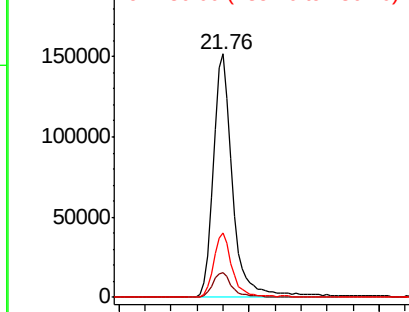
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3144
Delta R.T. -0.00 min
Lab File: BG037798.D
Acq: 5 Nov 2018 11:56

Instrument :
BNA_G
ClientSampleId :

Tot Ion:240 Resp: 312608
Ion Ratio Lower Upper
240 100
120 10.3 8.1 12.1
236 26.7 21.4 32.0

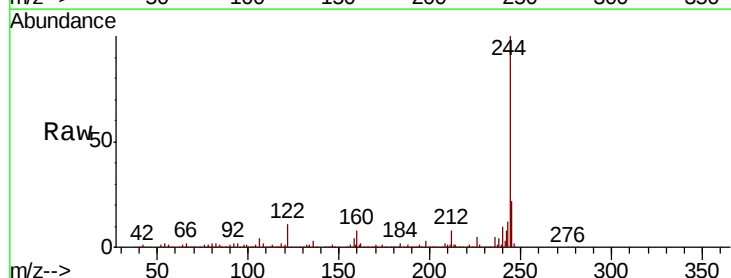


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

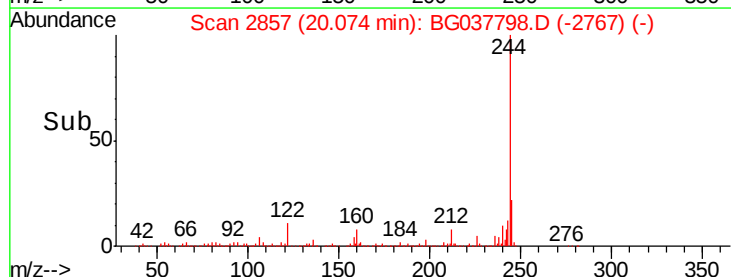
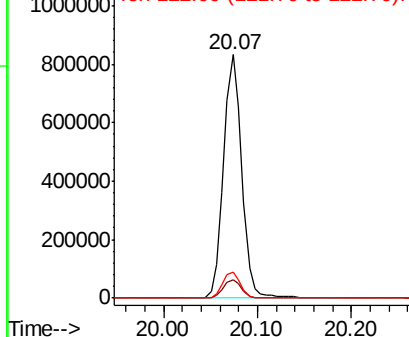


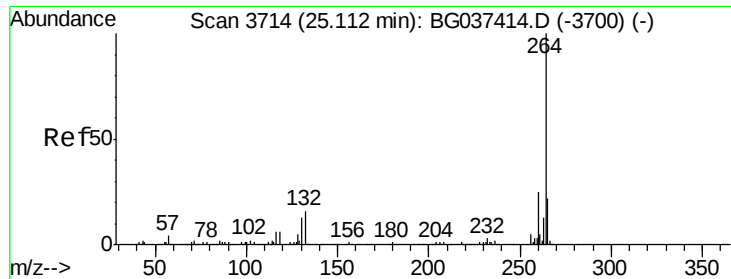
#79
Terphenyl-d14
Concen: 77.241 ng
RT: 20.07 min Scan# 2857
Delta R.T. -0.00 min
Lab File: BG037798.D
Acq: 5 Nov 2018 11:56

Tgt Ion:244 Resp: 1130032
Ion Ratio Lower Upper
244 100
212 7.7 6.5 9.7
122 10.6 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
Pervlone-d12
Concen: 20.000 ng
RT: 25.09 min Scan# 3711
Delta R.T. 0.00 min
Lab File: BG037798.D
Acq: 5 Nov 2018 11:56

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.2	27.4
265	20.8	17.9	26.9

