

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110618\
 Data File : BG037841.D
 Acq On : 6 Nov 2018 16:47
 Operator : JU/SJ
 Sample : PB114487BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 06 17:28:59 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

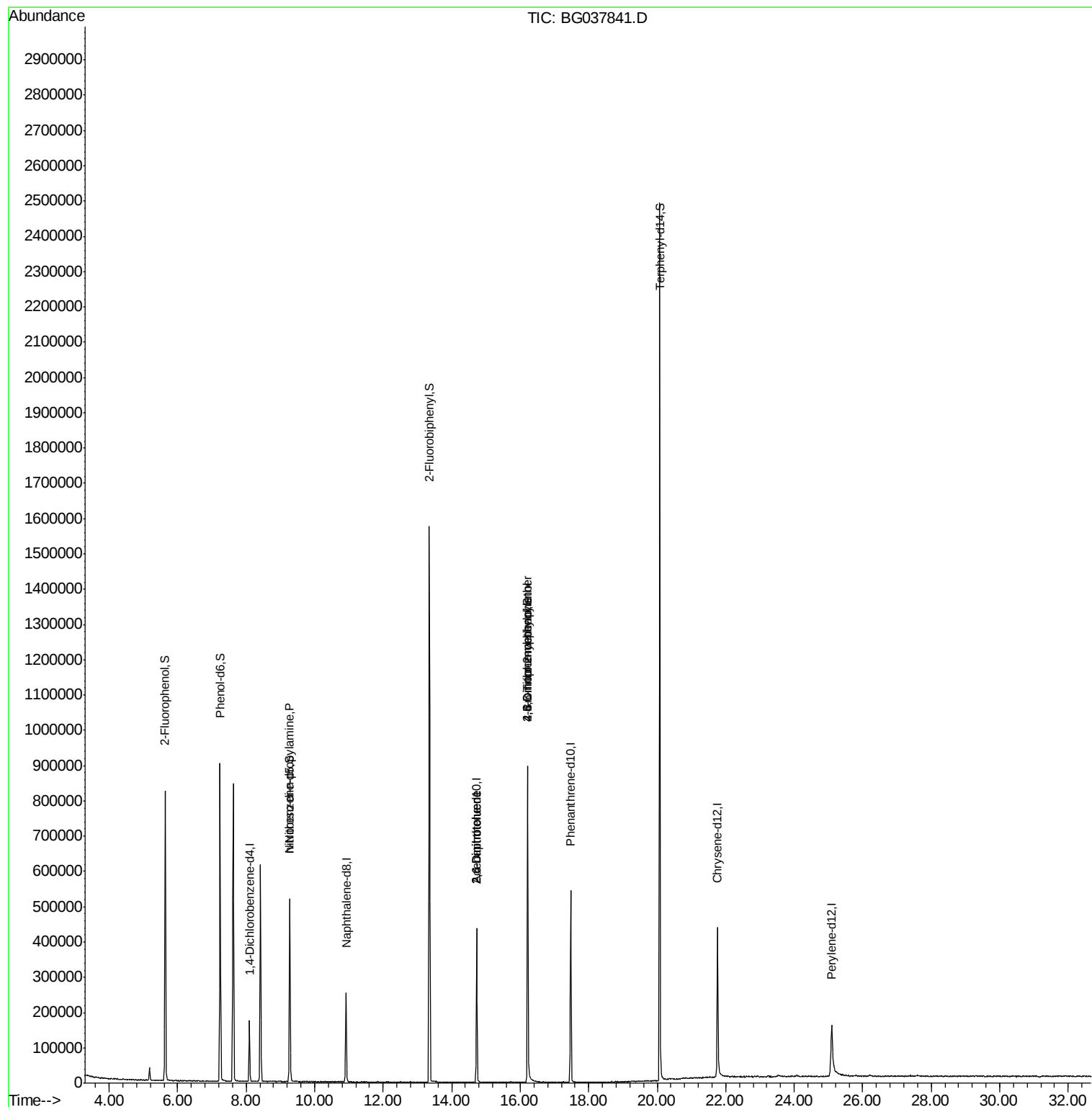
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	52050	20.00	ng	-0.01
21) Naphthalene-d8	10.92	136	237579	20.00	ng	-0.01
39) Acenaphthene-d10	14.73	164	159148	20.00	ng	-0.01
64) Phenanthrene-d10	17.47	188	351968	20.00	ng	-0.01
76) Chrysene-d12	21.76	240	316978	20.00	ng	-0.01
87) Perylene-d12	25.09	264	241191	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	389069	124.97	ng	-0.01
7) Phenol-d6	7.24	99	573025	121.72	ng	-0.01
23) Nitrobenzene-d5	9.27	82	341661	80.56	ng	-0.01
42) 2,4,6-Tribromophenol	16.22	330	183325	105.61	ng	-0.01
45) 2-Fluorobiphenyl	13.35	172	876542	83.05	ng	-0.02
79) Terphenyl-d14	20.08	244	1246170	84.01	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.27	70	42764	13.191	ng	# 71
51) 2,6-Dinitrotoluene	14.73	165	19442	7.138	ng	# 27
57) 2,4-Dinitrotoluene	14.73	165	19442	5.438	ng	# 26
65) 4,6-Dinitro-2-methylphenol	16.22	198	462	8.713	ng	80
67) 4-Bromophenyl-phenylether	16.22	248	13142	3.400	ng	# 1

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

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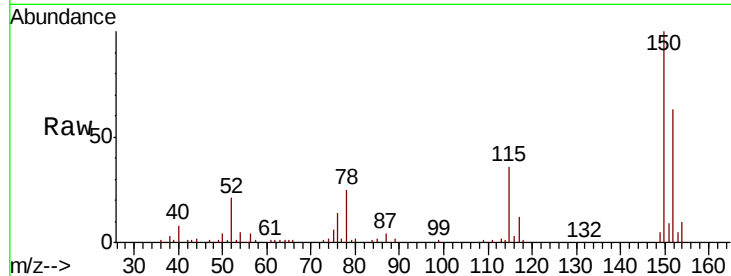


#1

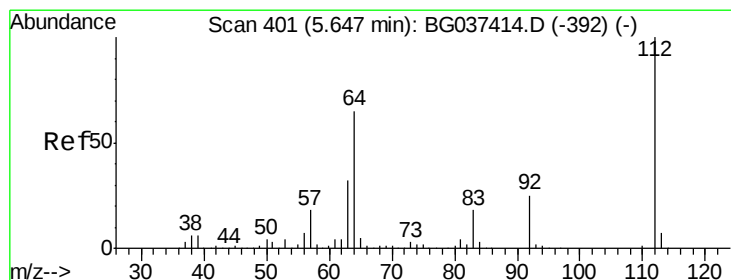
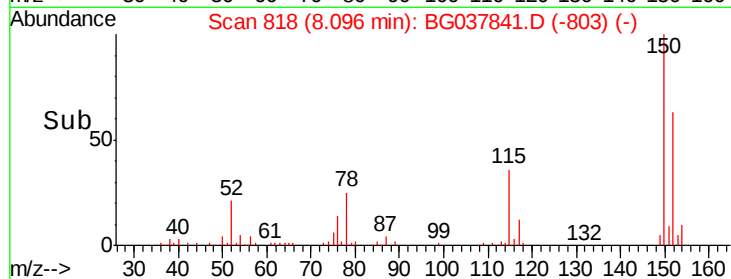
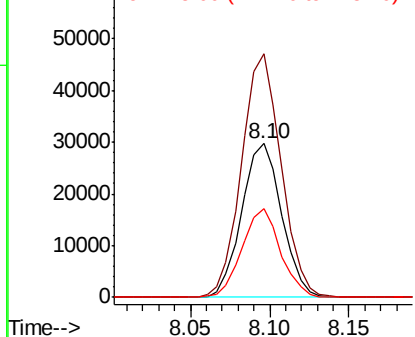
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 818
Delta R.T. -0.01 min
Lab File: BG037841.D
Acq: 6 Nov 2018 16:47

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 52050
Ion Ratio Lower Upper
152 100
150 158.3 126.0 189.0
115 57.8 45.5 68.3



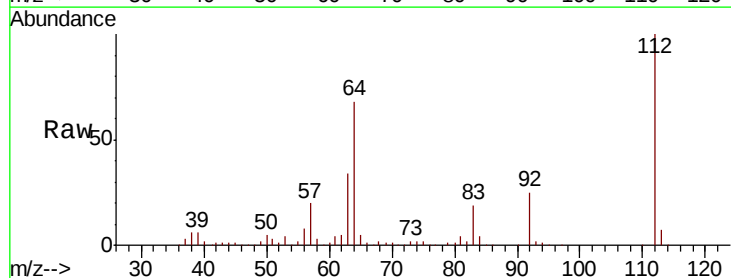
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



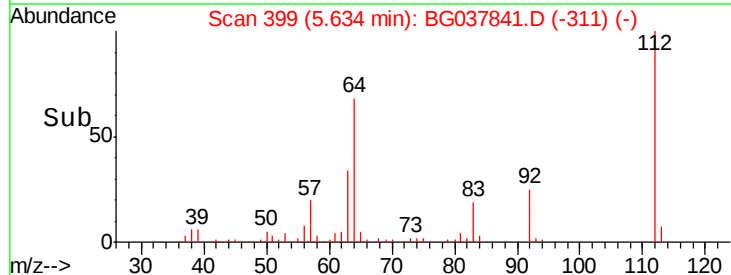
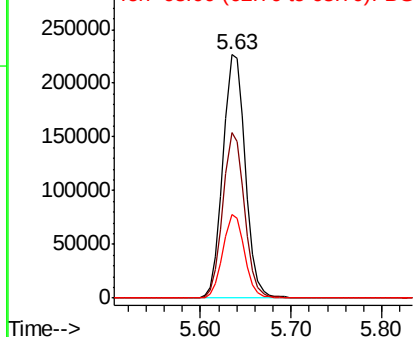
#5

2-Fluorophenol
Concen: 124.970 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.01 min
Lab File: BG037841.D
Acq: 6 Nov 2018 16:47

Tgt Ion:112 Resp: 389069
Ion Ratio Lower Upper
112 100
64 67.7 53.1 79.7
63 34.2 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: 121.720 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.01 min

Lab File: BG037841.D

Acq: 6 Nov 2018 16:47

Instrument :

BNA_G

ClientSampled :

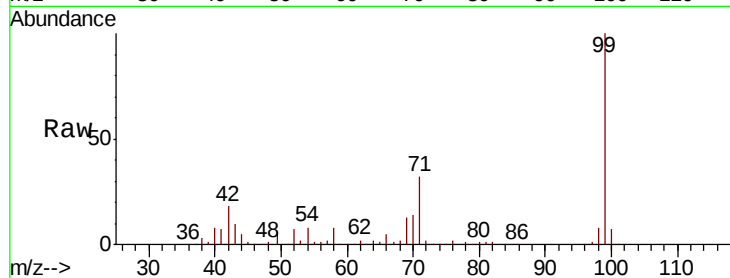
Tot Ion: 99 Resp: 573025

Ion Ratio Lower Upper

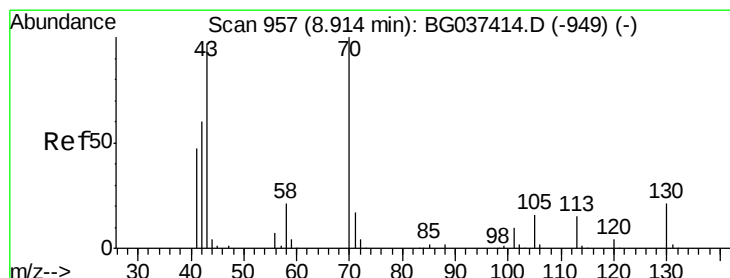
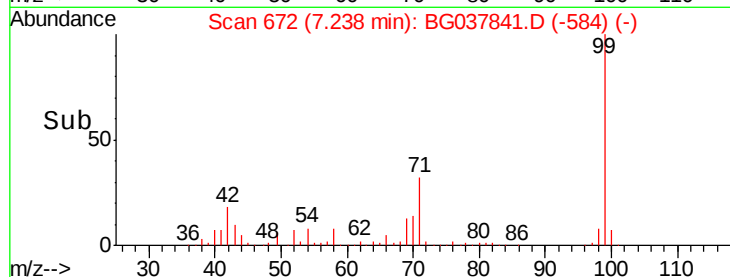
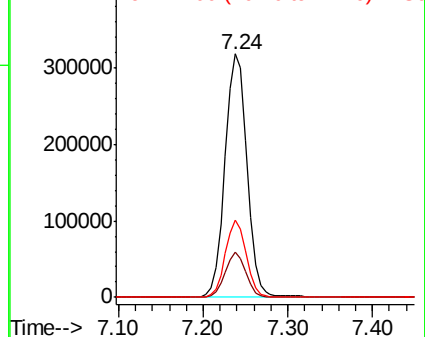
99 100

42 18.5 15.0 22.4

71 31.6 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: 13.191 ng

RT: 9.27 min Scan# 1018

Delta R.T. 0.36 min

Lab File: BG037841.D

Acq: 6 Nov 2018 16:47

Tgt Ion: 70 Resp: 42764

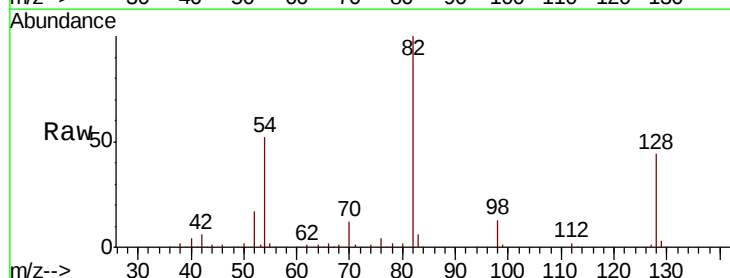
Ion Ratio Lower Upper

70 100

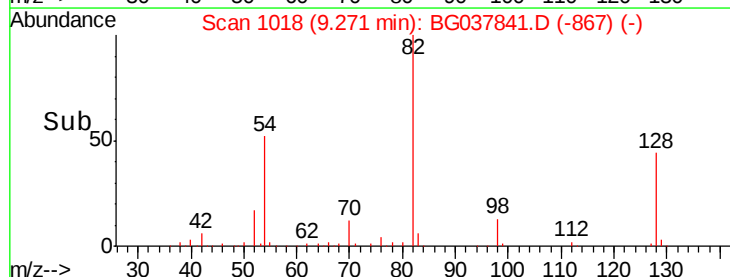
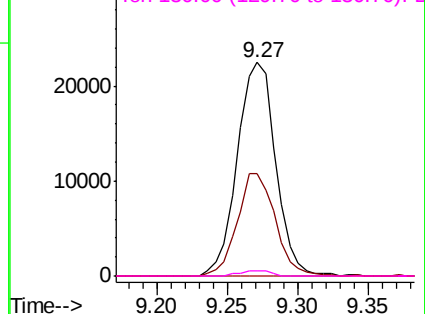
42 47.7 53.9 80.9#

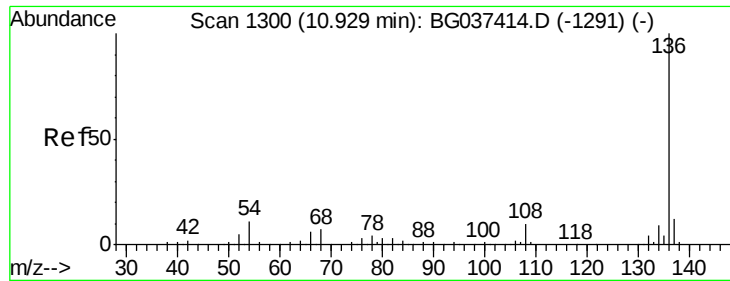
101 0.0 8.2 12.2#

130 2.4 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

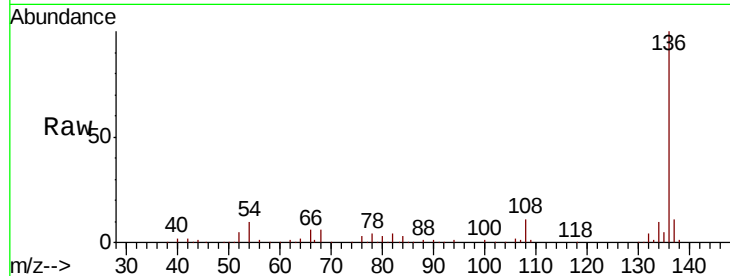




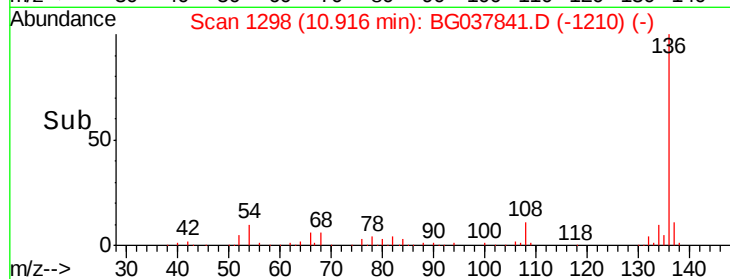
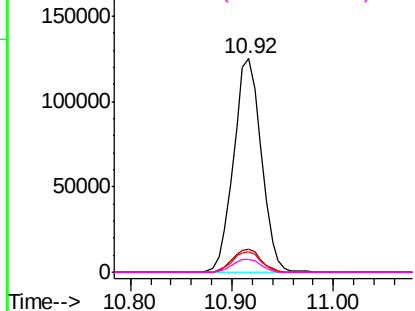
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BG037841.D
Acq: 6 Nov 2018 16:47

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	237579
Ion Ratio	Lower	Upper
136 100		
137 10.6	9.6	14.4
54 9.5	7.9	11.9
68 6.2	4.8	7.2

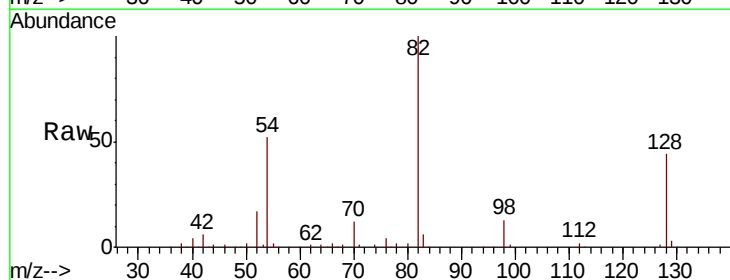


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

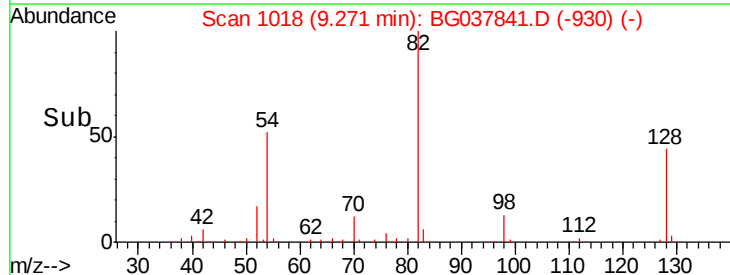
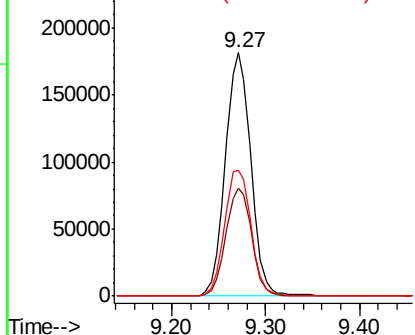


#23
Nitrobenzene-d5
Concen: 80.561 ng
RT: 9.27 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BG037841.D
Acq: 6 Nov 2018 16:47

Tgt	Ion: 82	Resp:	341661
Ion	Ratio	Lower	Upper
82	100		
128	44.4	34.6	51.8
54	51.8	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. -0.01 min

Lab File: BG037841.D

Acq: 6 Nov 2018 16:47

Instrument :

BNA_G

ClientSampled :

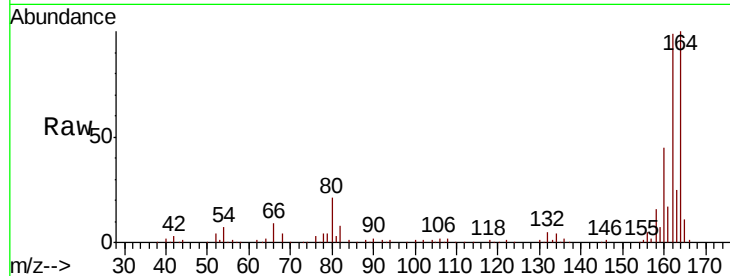
Tot Ion:164 Resp: 159148

Ion Ratio Lower Upper

164 100

162 99.1 81.3 121.9

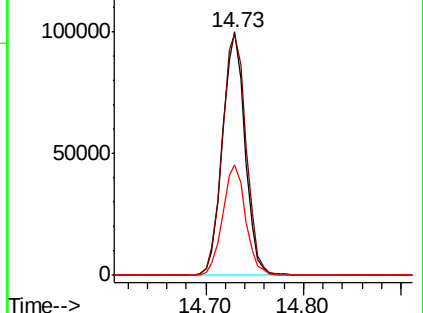
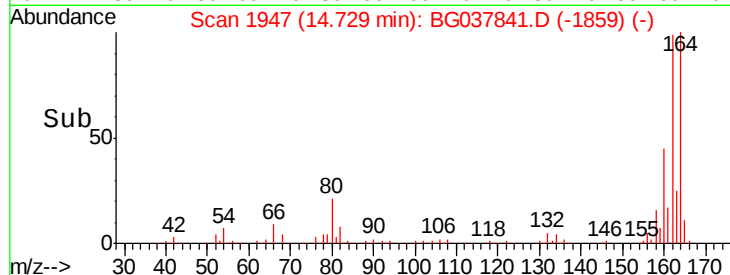
160 45.4 36.3 54.5



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: 105.614 ng

RT: 16.22 min Scan# 2200

Delta R.T. -0.01 min

Lab File: BG037841.D

Acq: 6 Nov 2018 16:47

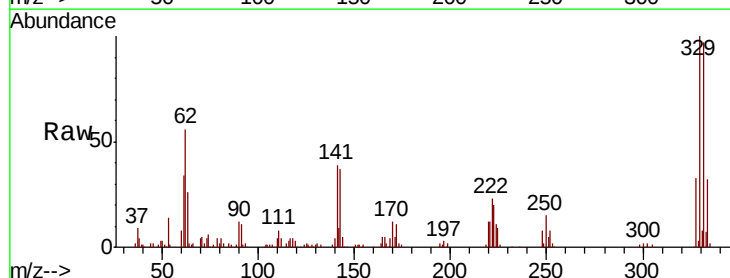
Tgt Ion:330 Resp: 183325

Ion Ratio Lower Upper

330 100

332 94.7 78.4 117.6

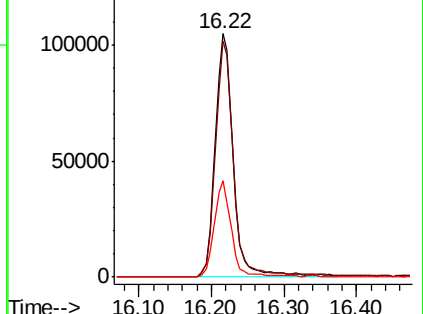
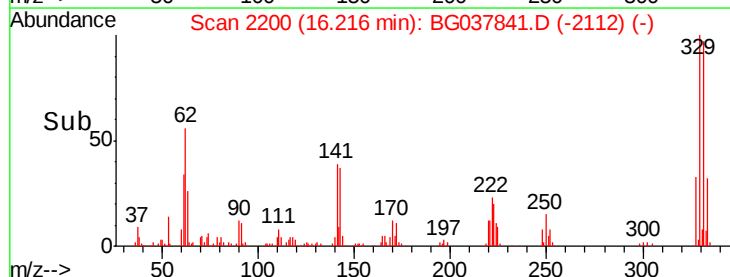
141 37.5 32.2 48.2



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

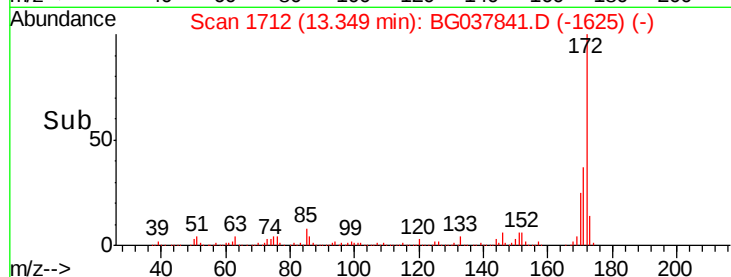
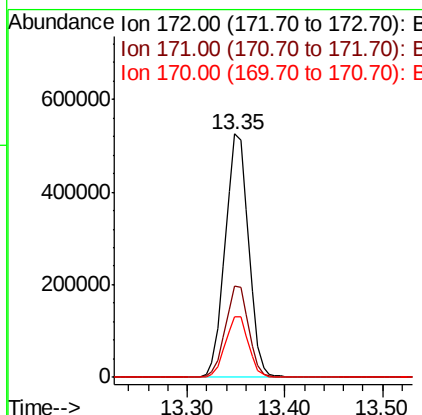
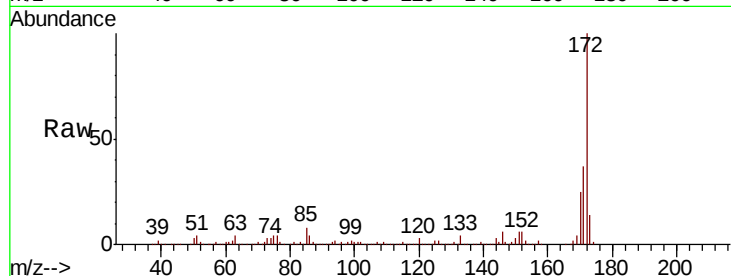




#45
2-Fluorobiphenyl
Concen: 83.053 ng
RT: 13.35 min Scan# 1712
Delta R.T. -0.02 min
Lab File: BG037841.D
Acq: 6 Nov 2018 16:47

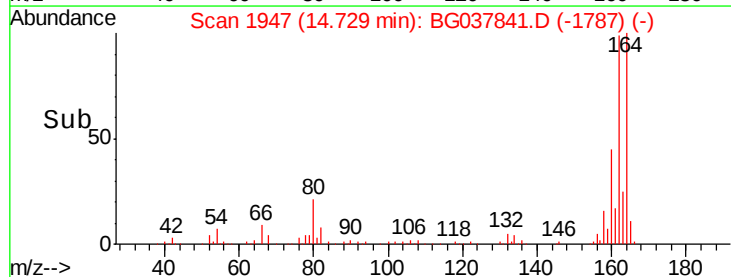
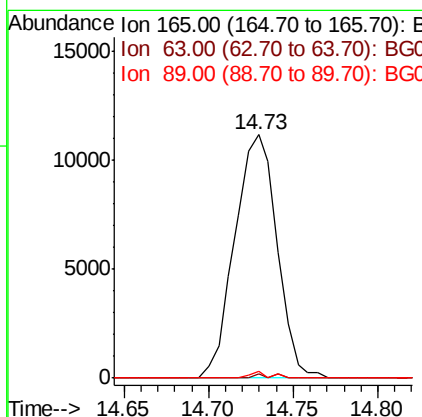
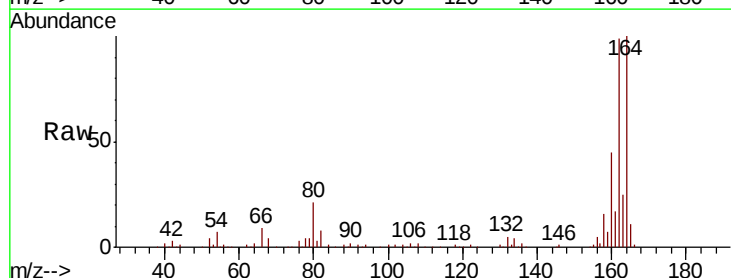
Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.5	31.0	46.4
170	25.1	20.2	30.2



#51
2,6-Dinitrotoluene
Concen: 7.138 ng
RT: 14.73 min Scan# 1947
Delta R.T. 0.41 min
Lab File: BG037841.D
Acq: 6 Nov 2018 16:47

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.9	43.4	65.2#
89	2.8	45.8	68.6#

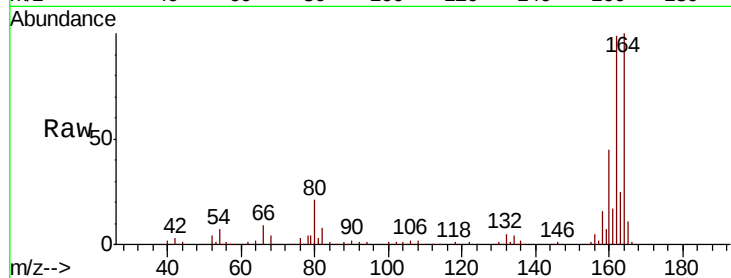




#57
 2,4-Dinitrotoluene
 Concen: 5.438 ng
 RT: 14.73 min Scan# 1947
 Delta R.T. -0.37 min
 Lab File: BG037841.D
 Acq: 6 Nov 2018 16:47

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.9	33.4	50.0#
89	2.8	57.2	85.8#
182	0.0	2.6	4.0#

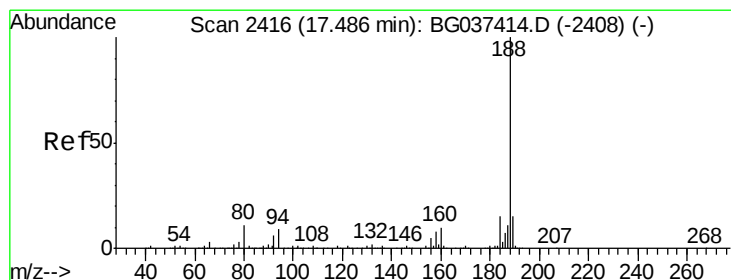
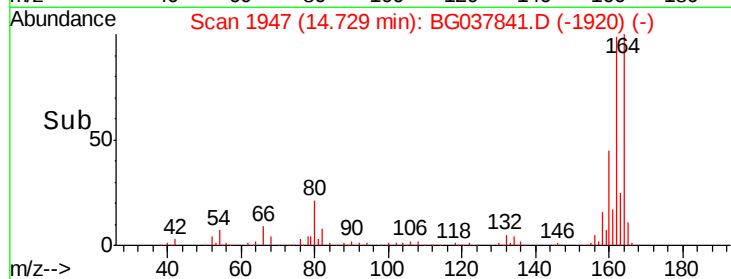
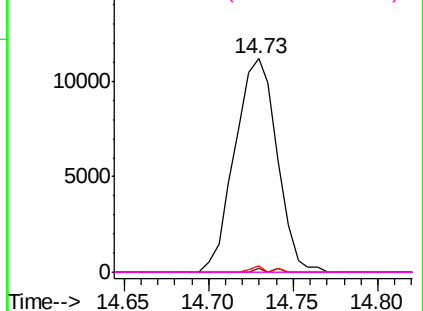


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

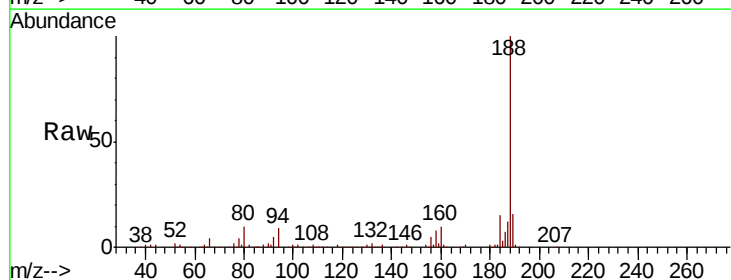
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.47 min Scan# 2414
 Delta R.T. -0.01 min
 Lab File: BG037841.D
 Acq: 6 Nov 2018 16:47

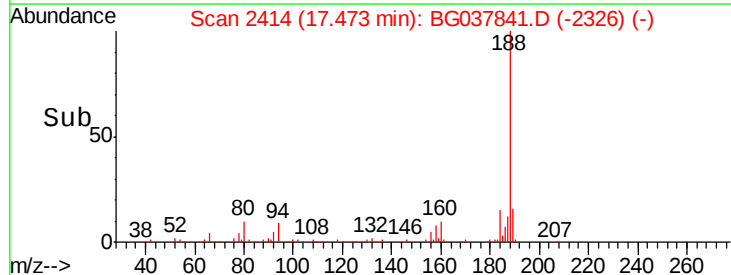
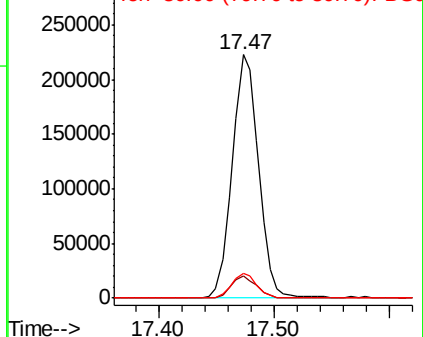
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.2	10.8
80	10.0	7.7	11.5

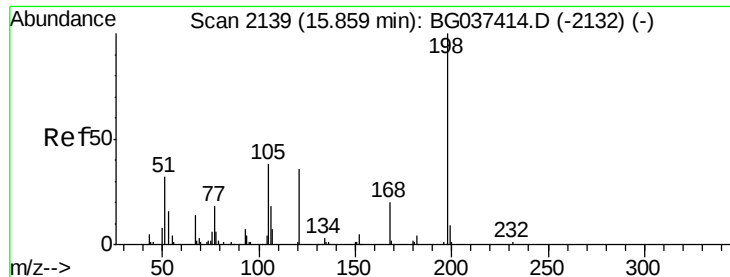


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

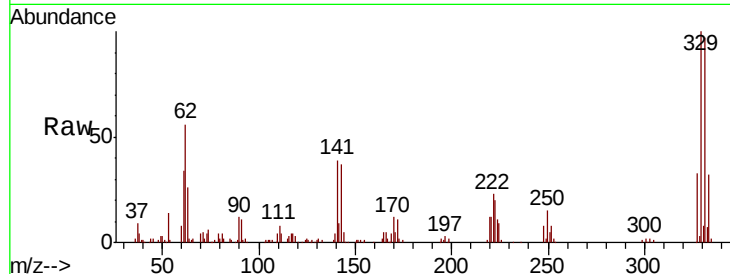




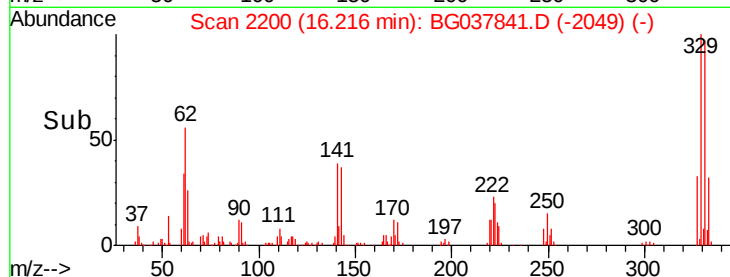
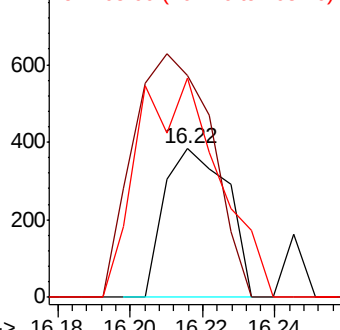
#65
 4,6-Dinitro-2-methylphenol
 Concen: 8.713 ng
 RT: 16.22 min Scan# 2200
 Delta R.T. 0.36 min
 Lab File: BG037841.D
 Acq: 6 Nov 2018 16:47

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:198 Resp: 462
 Ion Ratio Lower Upper
 198 100
 51 28.5 22.7 62.7
 105 28.3 19.7 59.7

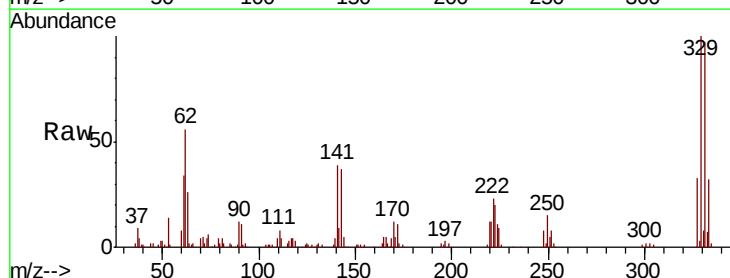


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

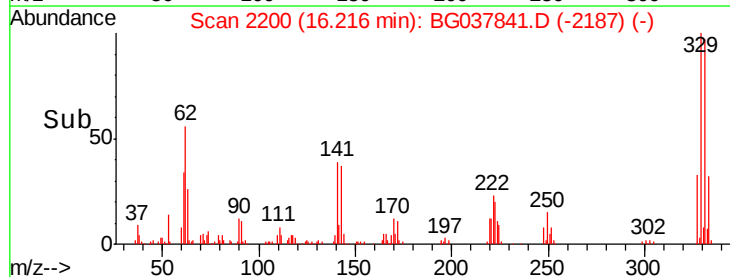
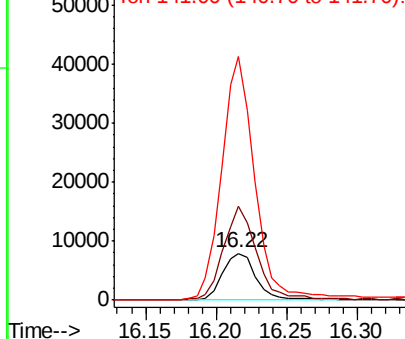


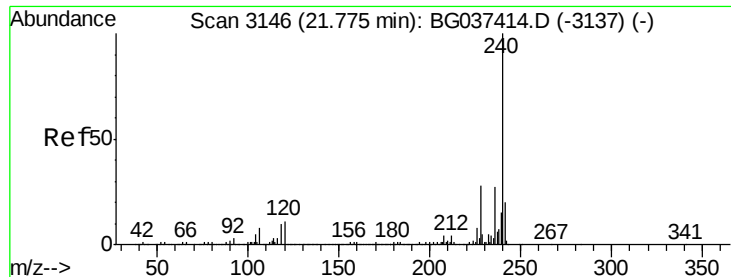
#67
 4-Bromophenyl-phenylether
 Concen: 3.400 ng
 RT: 16.22 min Scan# 2200
 Delta R.T. -0.45 min
 Lab File: BG037841.D
 Acq: 6 Nov 2018 16:47

Tgt Ion:248 Resp: 13142
 Ion Ratio Lower Upper
 248 100
 250 203.3 77.0 115.6#
 141 404.3 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

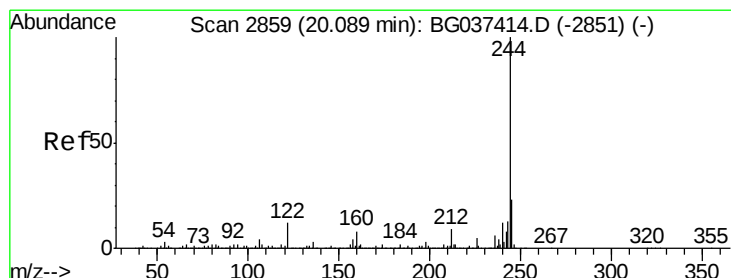
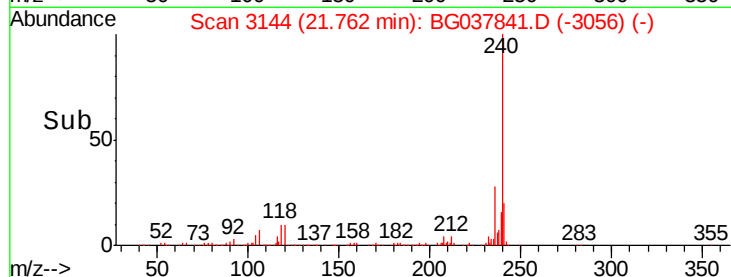
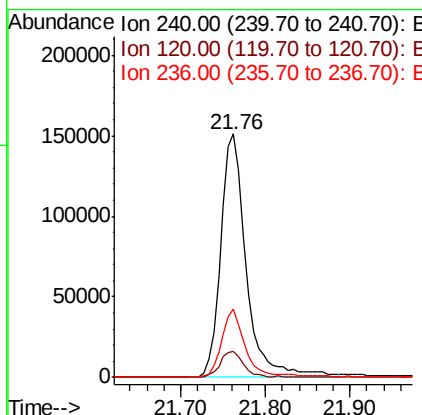
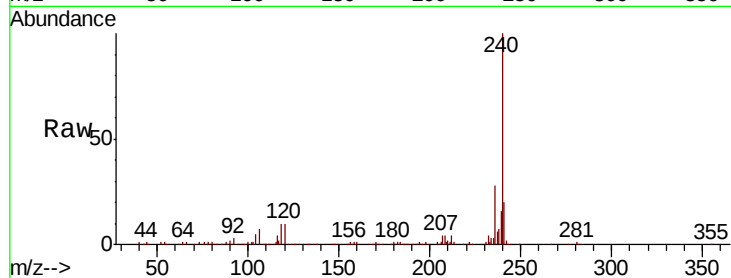




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.76 min Scan# 3144
 Delta R.T. -0.01 min
 Lab File: BG037841.D
 Acq: 6 Nov 2018 16:47

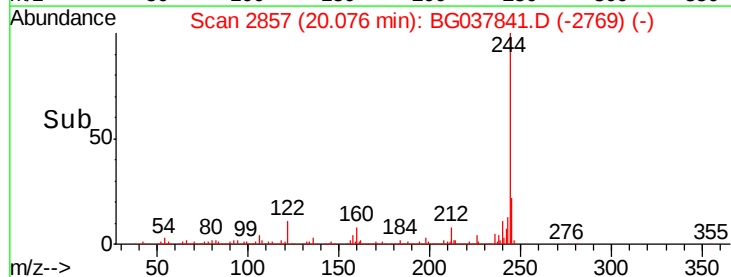
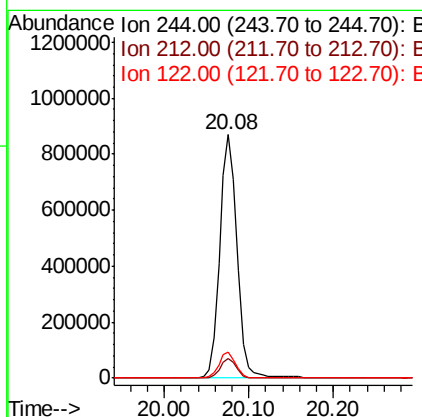
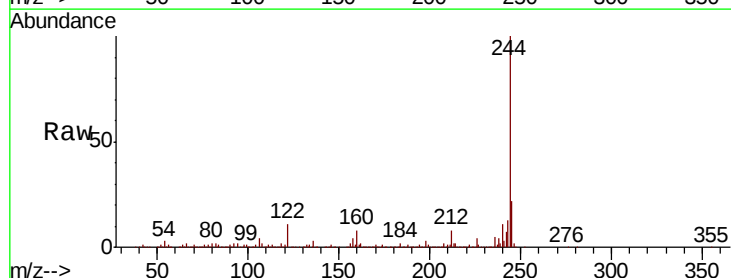
Instrument :
 BNA_G
 ClientSampleId :

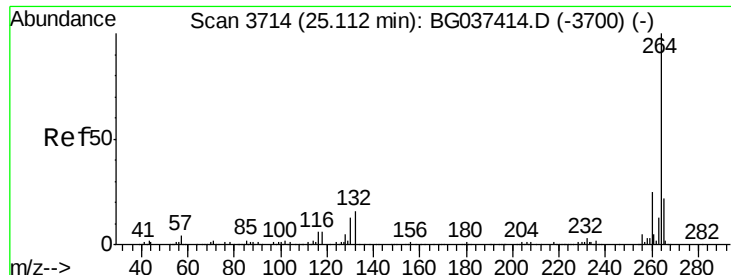
Tot Ion:240 Resp: 316978
 Ion Ratio Lower Upper
 240 100
 120 10.5 8.1 12.1
 236 28.0 21.4 32.0



#79
 Terphenyl-d14
 Concen: 84.005 ng
 RT: 20.08 min Scan# 2857
 Delta R.T. -0.01 min
 Lab File: BG037841.D
 Acq: 6 Nov 2018 16:47

Tgt Ion:244 Resp: 1246170
 Ion Ratio Lower Upper
 244 100
 212 8.3 6.5 9.7
 122 10.7 9.0 13.4

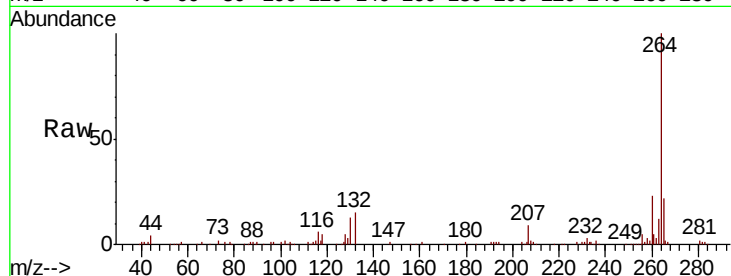




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.09 min Scan# 3711
 Delta R.T. -0.02 min
 Lab File: BG037841.D
 Acq: 6 Nov 2018 16:47

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	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

