

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110518\
 Data File : BG037836.D
 Acq On : 6 Nov 2018 12:52
 Operator : JU/SJ
 Sample : J5764-04
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 06 15:25:02 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

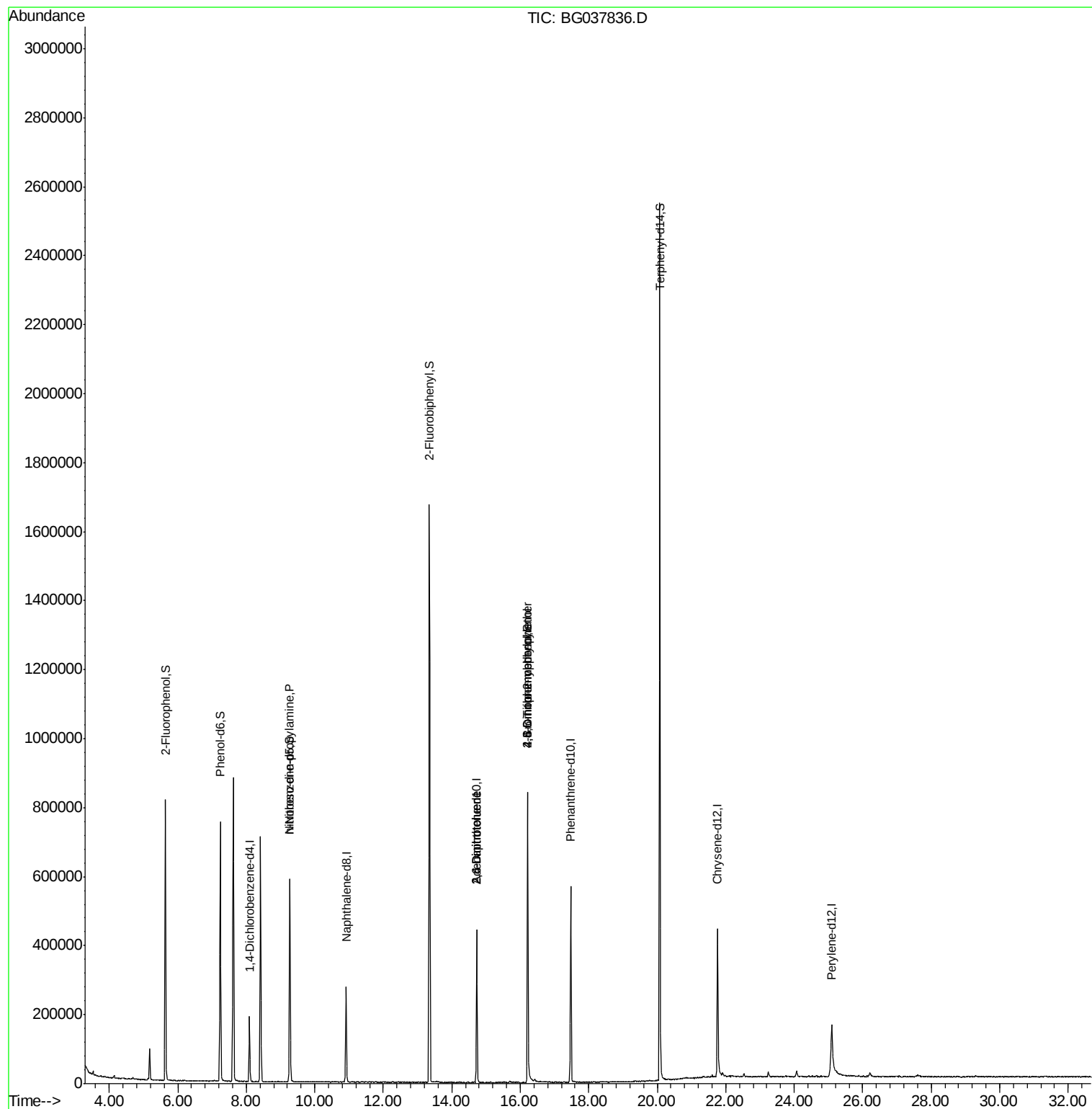
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	56437	20.00	ng	-0.01
21) Naphthalene-d8	10.92	136	248615	20.00	ng	-0.01
39) Acenaphthene-d10	14.73	164	164110	20.00	ng	-0.01
64) Phenanthrene-d10	17.48	188	366217	20.00	ng	0.00
76) Chrysene-d12	21.76	240	321946	20.00	ng	-0.01
87) Perylene-d12	25.09	264	254090	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	385045	114.06	ng	0.00
7) Phenol-d6	7.24	99	503008	98.54	ng	0.00
23) Nitrobenzene-d5	9.27	82	381141	85.88	ng	-0.01
42) 2,4,6-Tribromophenol	16.21	330	171894	96.03	ng	-0.01
45) 2-Fluorobiphenyl	13.35	172	935736	85.98	ng	-0.02
79) Terphenyl-d14	20.07	244	1319634	87.58	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.27	70	47585	13.538	ng	# 73
51) 2,6-Dinitrotoluene	14.73	165	21600	7.691	ng	# 25
57) 2,4-Dinitrotoluene	14.73	165	21600	5.859	ng	# 25
65) 4,6-Dinitro-2-methylphenol	16.22	198	459	8.704	ng	83
67) 4-Bromophenyl-phenylether	16.21	248	11942	2.969	ng	# 1

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110518\
Data File : BG037836.D
Acq On : 6 Nov 2018 12:52
Operator : JU/SJ
Sample : J5764-04
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Nov 06 15:25:02 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



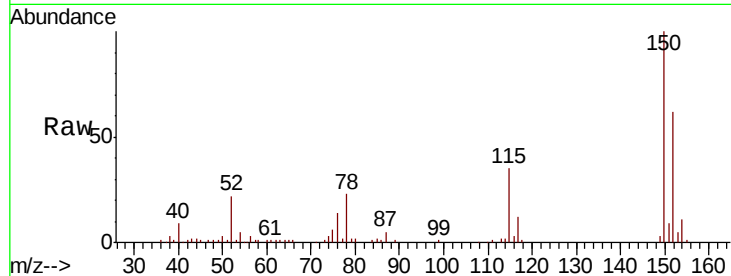


#1

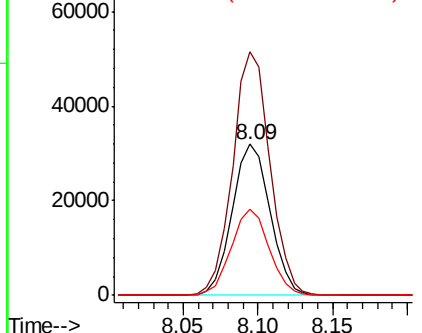
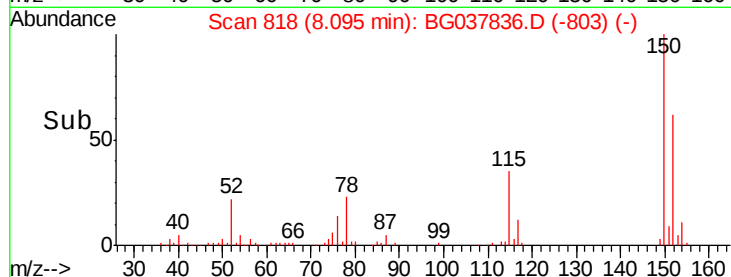
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 818
Delta R.T. -0.01 min
Lab File: BG037836.D
Acq: 6 Nov 2018 12:52

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 56437
Ion Ratio Lower Upper
152 100
150 161.1 126.0 189.0
115 57.1 45.5 68.3



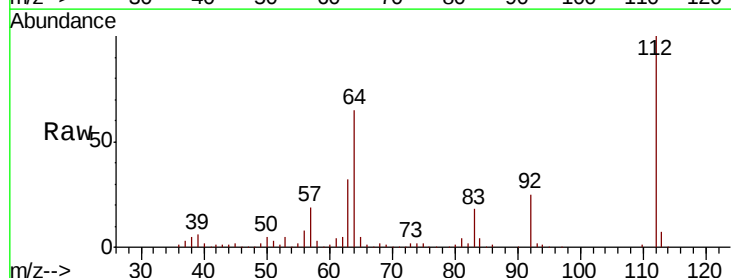
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



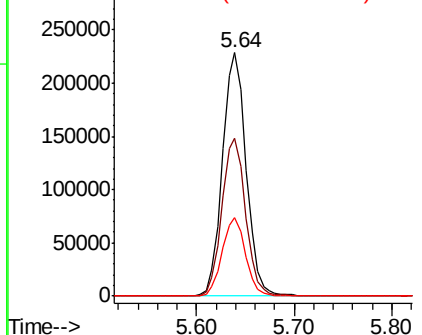
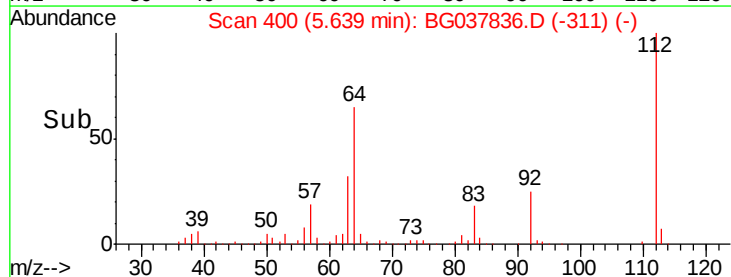
#5

2-Fluorophenol
Concen: 114.063 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG037836.D
Acq: 6 Nov 2018 12:52

Tgt Ion:112 Resp: 385045
Ion Ratio Lower Upper
112 100
64 64.7 53.1 79.7
63 32.1 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: 98.542 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037836.D

Acq: 6 Nov 2018 12:52

Instrument :

BNA_G

ClientSampleId :

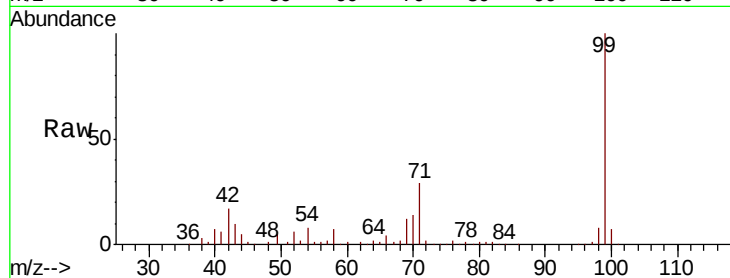
Tot Ion: 99 Resp: 503008

Ion Ratio Lower Upper

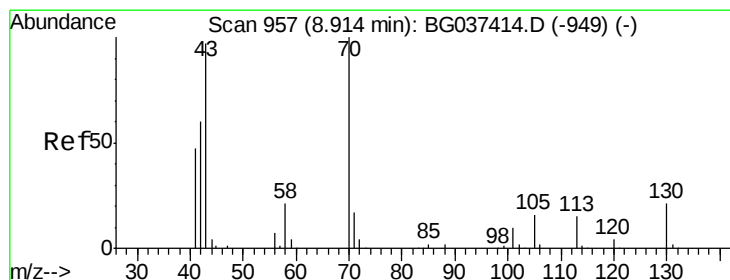
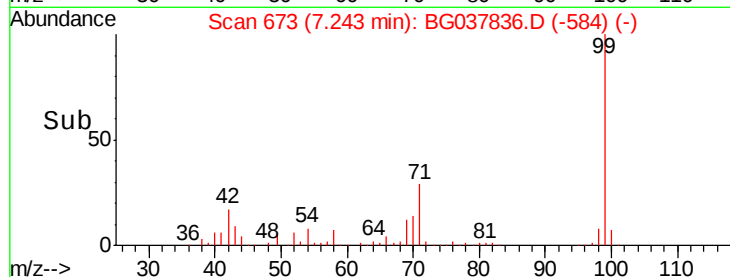
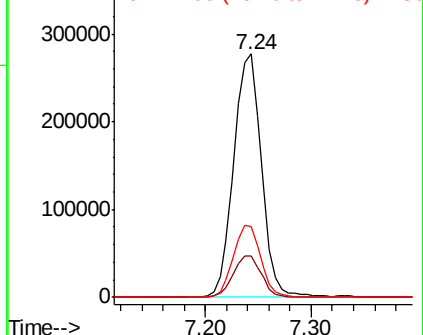
99 100

42 17.1 15.0 22.4

71 29.0 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: 13.538 ng

RT: 9.27 min Scan# 1018

Delta R.T. 0.36 min

Lab File: BG037836.D

Acq: 6 Nov 2018 12:52

Tgt Ion: 70 Resp: 47585

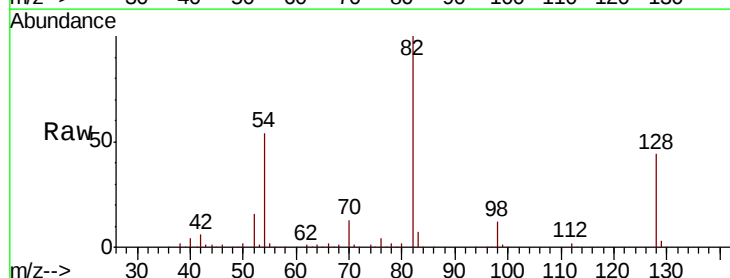
Ion Ratio Lower Upper

70 100

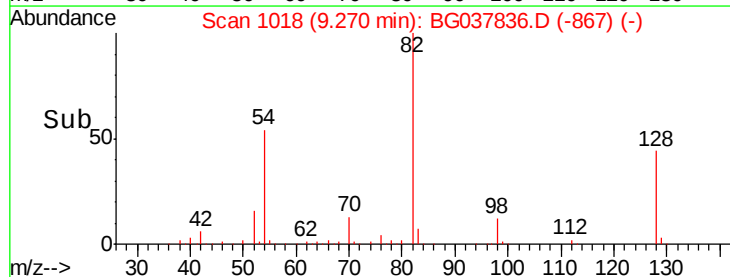
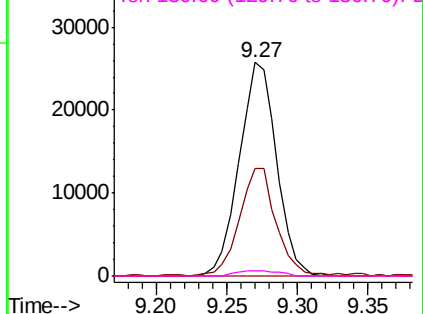
42 50.1 53.9 80.9#

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

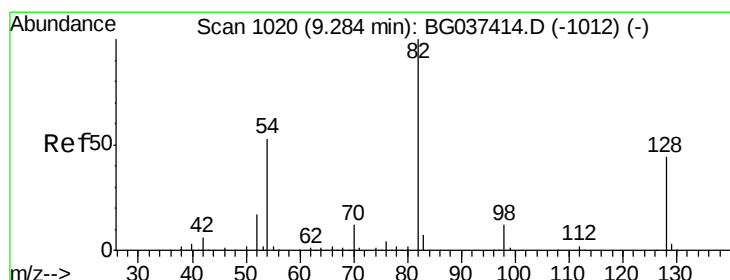
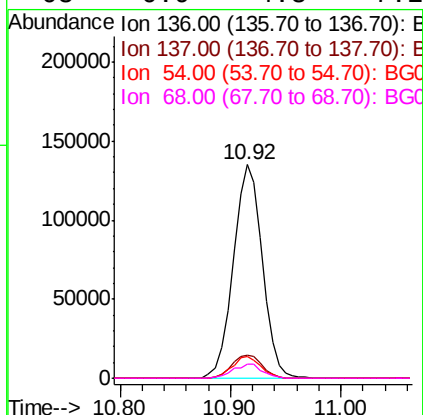
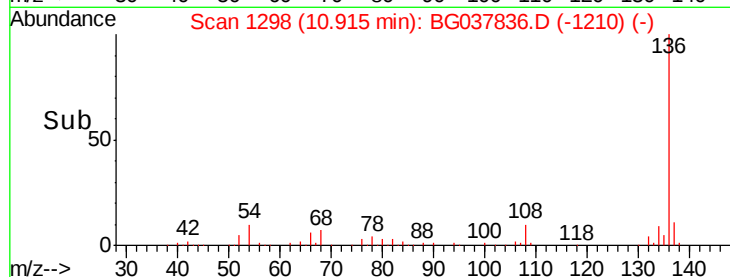
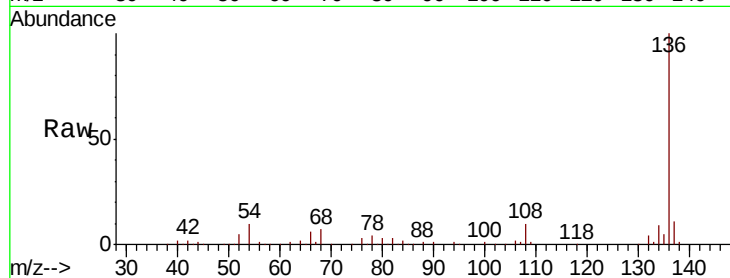




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BG037836.D
Acq: 6 Nov 2018 12:52

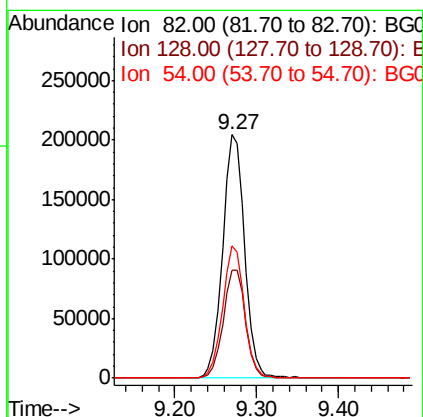
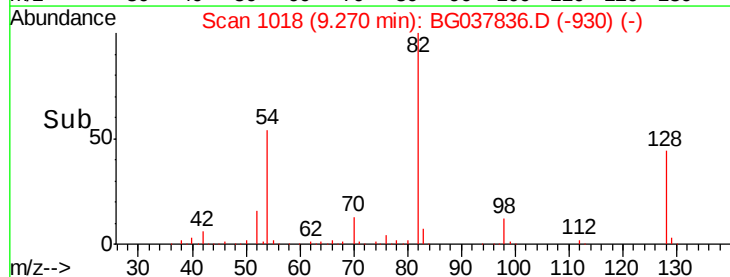
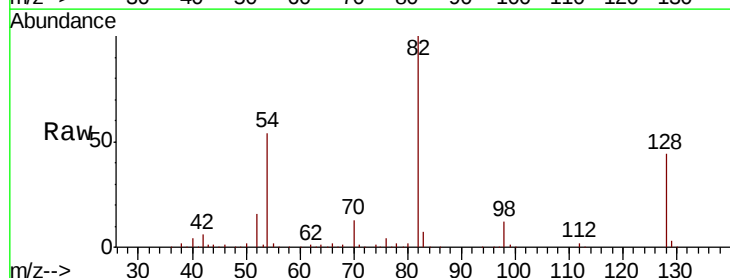
Instrument :
BNA_G
ClientSampleId :

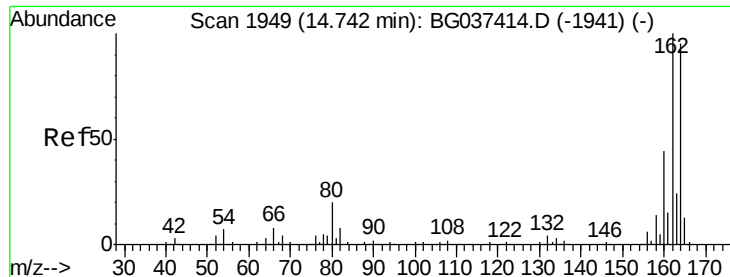
Tot Ion:136	Resp:	248615
Ion	Ratio	Lower Upper
136	100	
137	11.1	9.6 14.4
54	10.4	7.9 11.9
68	6.9	4.8 7.2



#23
Nitrobenzene-d5
Concen: 85.880 ng
RT: 9.27 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BG037836.D
Acq: 6 Nov 2018 12:52

Tgt Ion: 82	Resp:	381141
Ion	Ratio	Lower Upper
82	100	
128	44.1	34.6 51.8
54	54.1	45.3 67.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.73 min Scan# 1947

Delta R.T. -0.01 min

Lab File: BG037836.D

Acq: 6 Nov 2018 12:52

Instrument :

BNA_G

ClientSampleId :

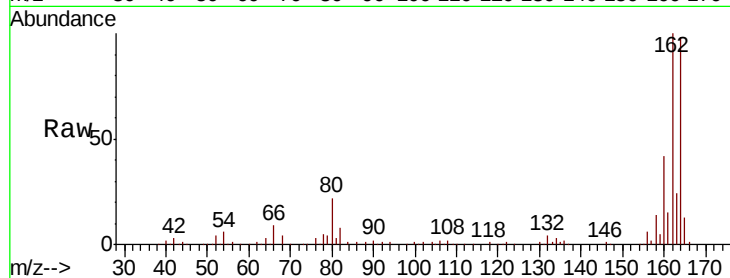
Tot Ion:164 Resp: 164110

Ion Ratio Lower Upper

164 100

162 102.1 81.3 121.9

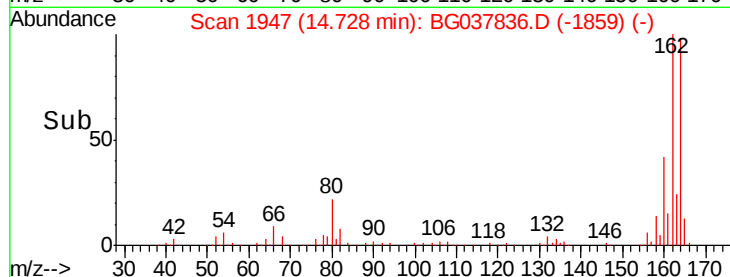
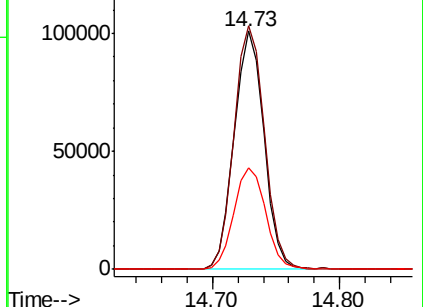
160 42.8 36.3 54.5



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: 96.034 ng

RT: 16.21 min Scan# 2200

Delta R.T. -0.01 min

Lab File: BG037836.D

Acq: 6 Nov 2018 12:52

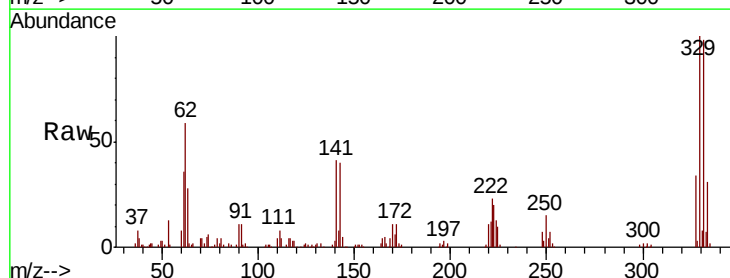
Tgt Ion:330 Resp: 171894

Ion Ratio Lower Upper

330 100

332 95.2 78.4 117.6

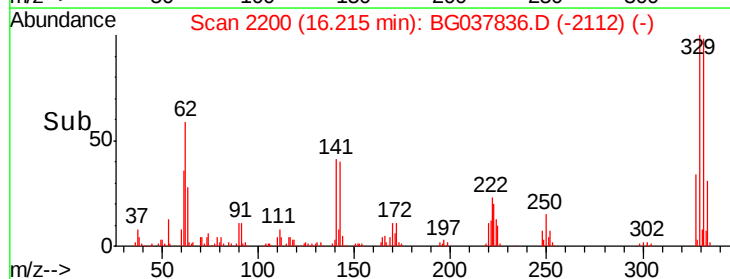
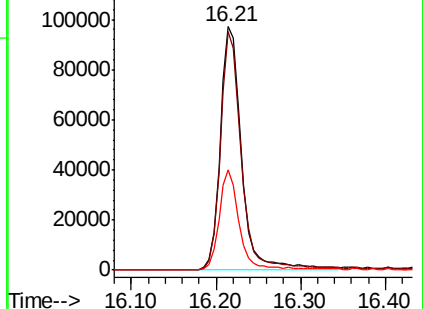
141 39.2 32.2 48.2

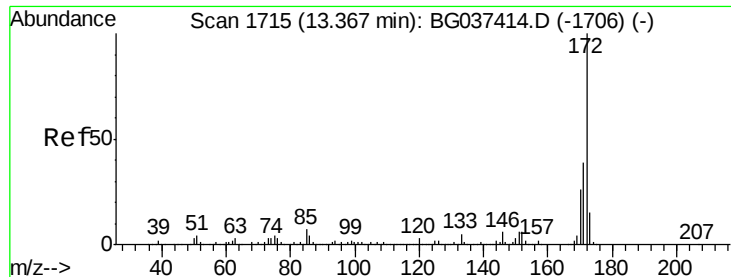


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

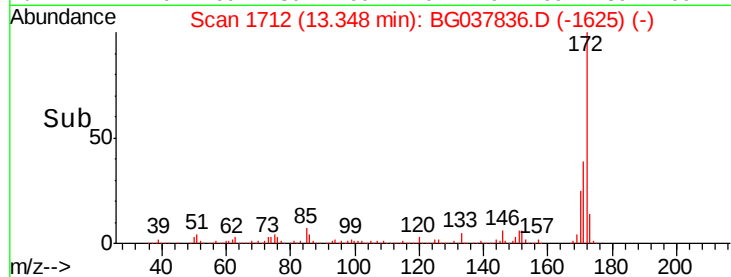
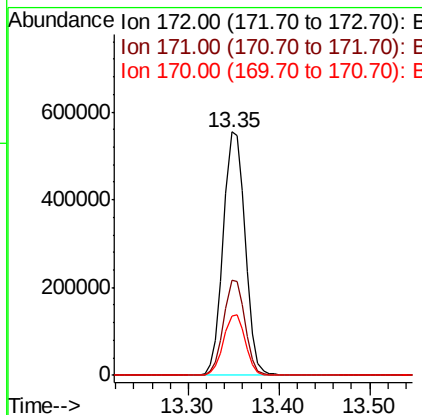
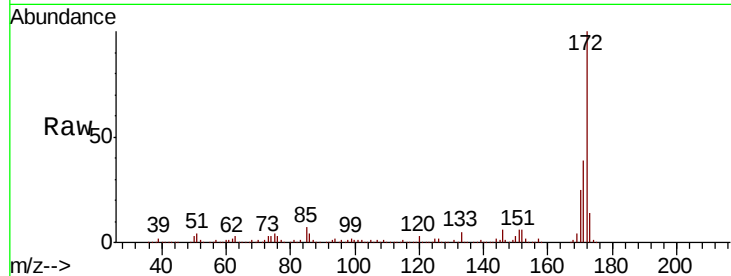




#45
 2-Fluorobiphenyl
 Concen: 85.981 ng
 RT: 13.35 min Scan# 1712
 Delta R.T. -0.02 min
 Lab File: BG037836.D
 Acq: 6 Nov 2018 12:52

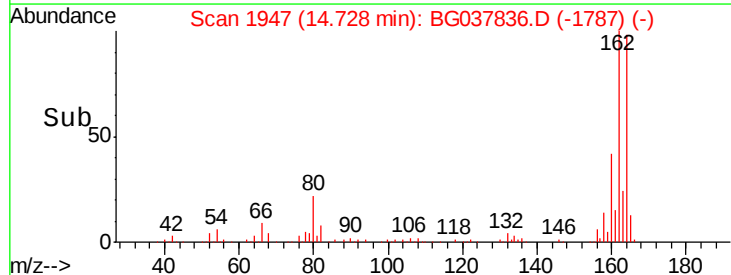
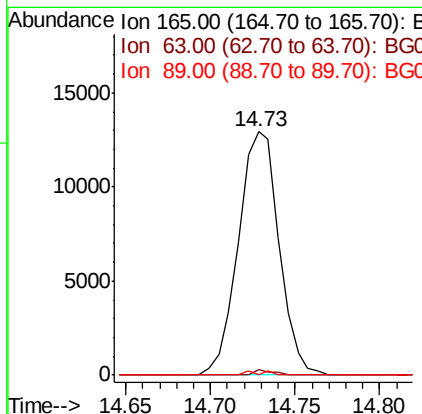
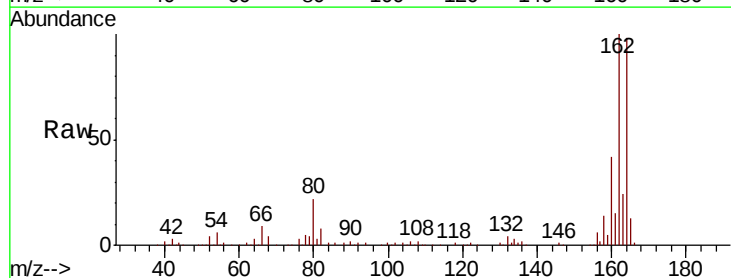
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	39.2	31.0	46.4
170	24.6	20.2	30.2



#51
 2,6-Dinitrotoluene
 Concen: 7.691 ng
 RT: 14.73 min Scan# 1947
 Delta R.T. 0.41 min
 Lab File: BG037836.D
 Acq: 6 Nov 2018 12:52

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.4	43.4	65.2#
89	0.0	45.8	68.6#

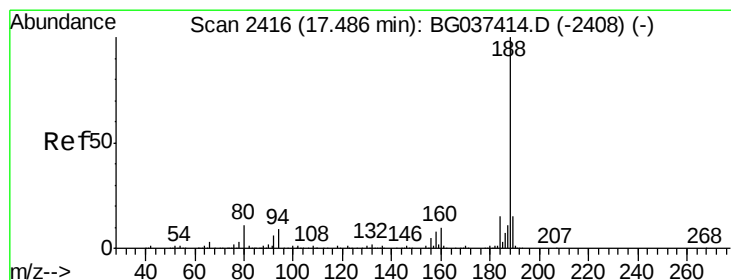
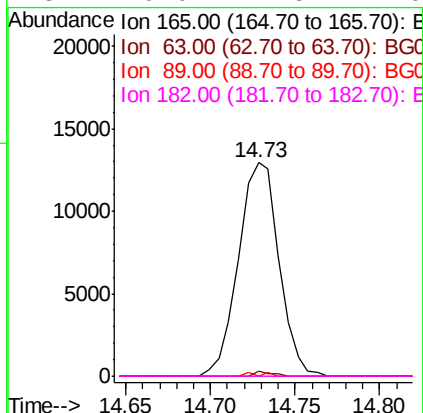
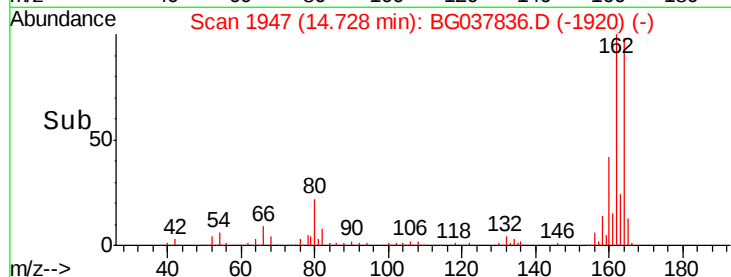
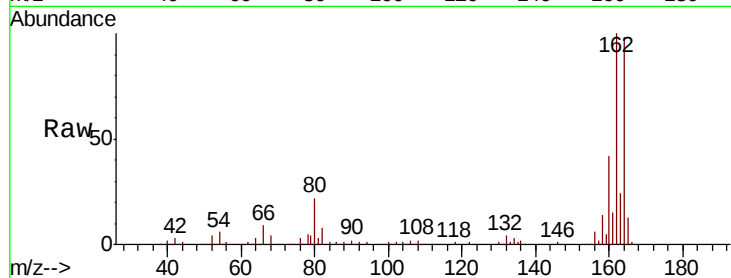




#57
 2,4-Dinitrotoluene
 Concen: 5.859 ng
 RT: 14.73 min Scan# 1947
 Delta R.T. -0.37 min
 Lab File: BG037836.D
 Acq: 6 Nov 2018 12:52

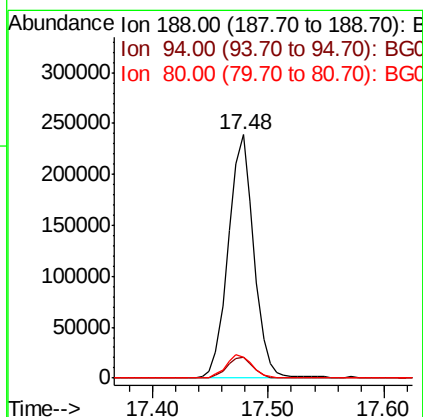
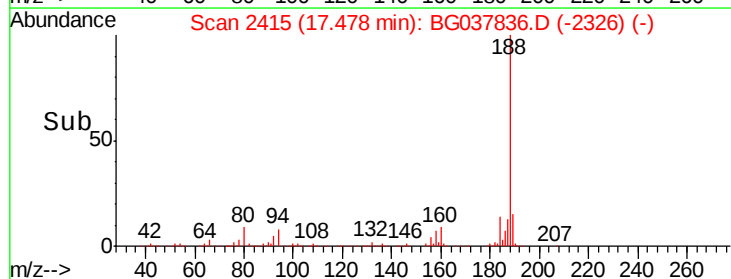
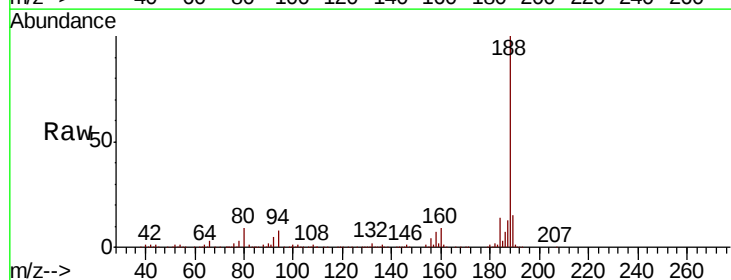
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165	Resp:	21600
Ion Ratio	Lower	Upper
165	100	
63	2.4	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: 17.48 min Scan# 2415
 Delta R.T. -0.01 min
 Lab File: BG037836.D
 Acq: 6 Nov 2018 12:52

Tgt Ion:188	Resp:	366217
Ion Ratio	Lower	Upper
188	100	
94	8.4	7.2 10.8
80	8.7	7.7 11.5

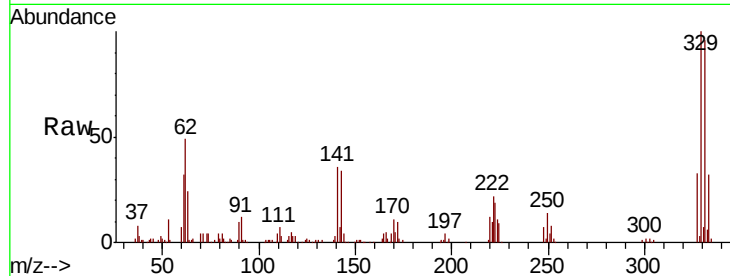




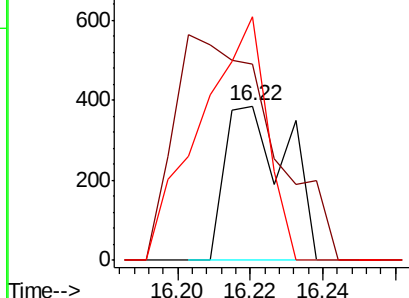
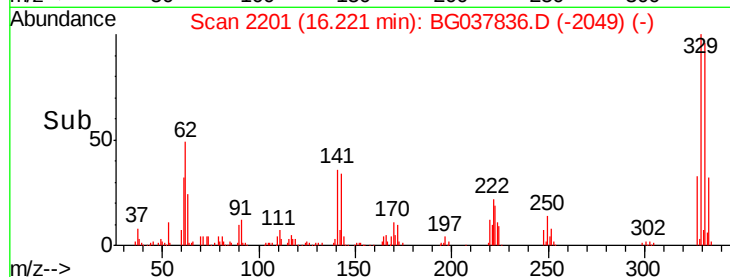
#65
 4,6-Dinitro-2-methylphenol
 Concen: 8.704 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. 0.36 min
 Lab File: BG037836.D
 Acq: 6 Nov 2018 12:52

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:198 Resp: 459
 Ion Ratio Lower Upper
 198 100
 51 27.2 22.7 62.7
 105 33.7 19.7 59.7

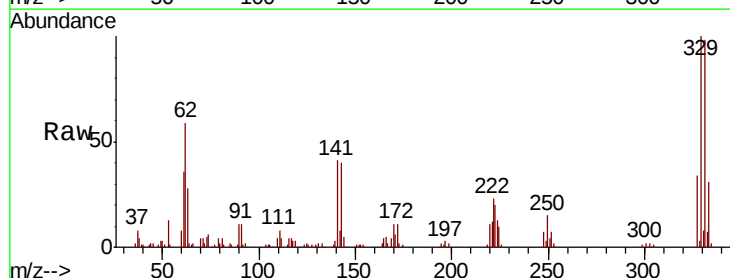


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

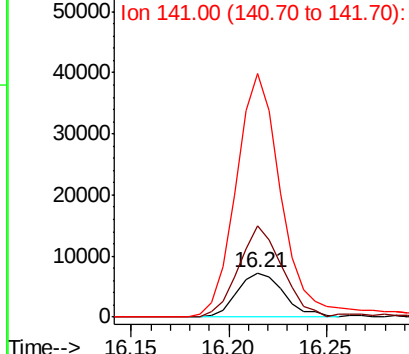
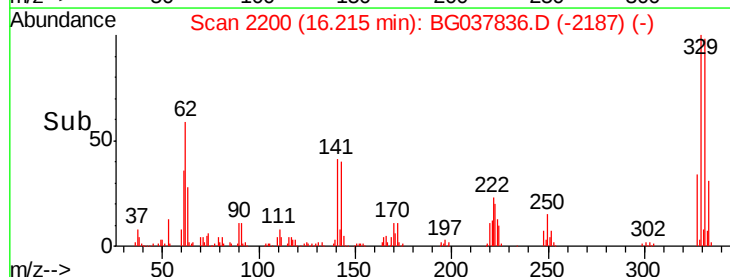


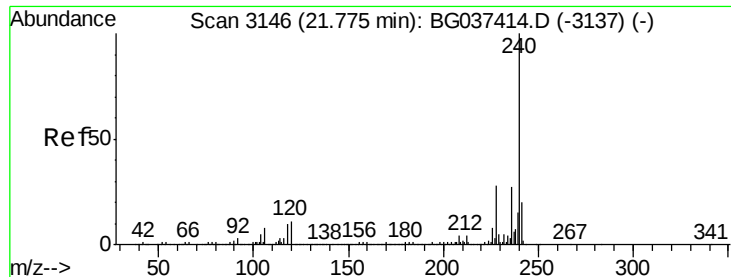
#67
 4-Bromophenyl-phenylether
 Concen: 2.969 ng
 RT: 16.21 min Scan# 2200
 Delta R.T. -0.45 min
 Lab File: BG037836.D
 Acq: 6 Nov 2018 12:52

Tgt Ion:248 Resp: 11942
 Ion Ratio Lower Upper
 248 100
 250 195.3 77.0 115.6#
 141 410.3 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

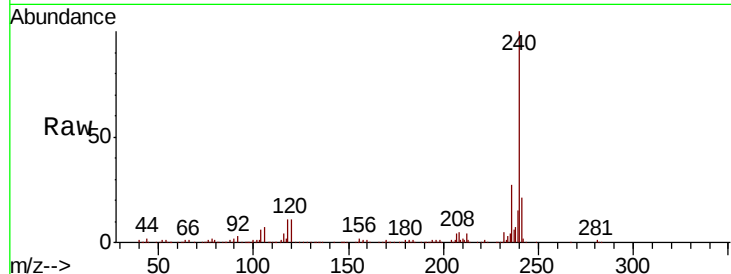




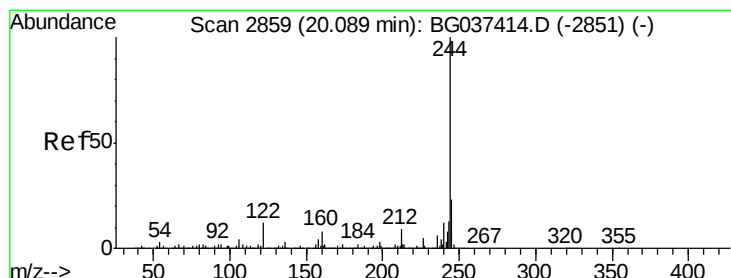
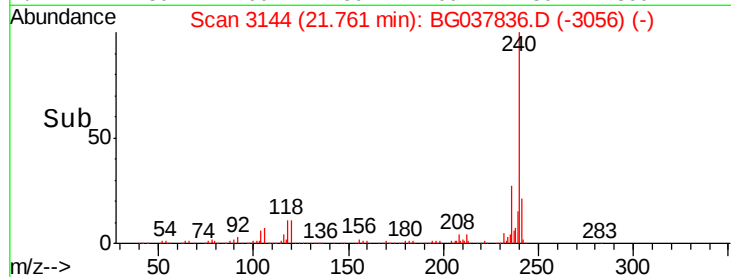
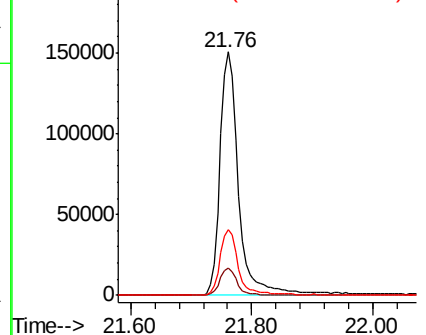
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3144
Delta R.T. -0.01 min
Lab File: BG037836.D
Acq: 6 Nov 2018 12:52

Instrument :
BNA_G
ClientSampleId :

Tot Ion:240 Resp: 321946
Ion Ratio Lower Upper
240 100
120 11.5 8.1 12.1
236 27.2 21.4 32.0

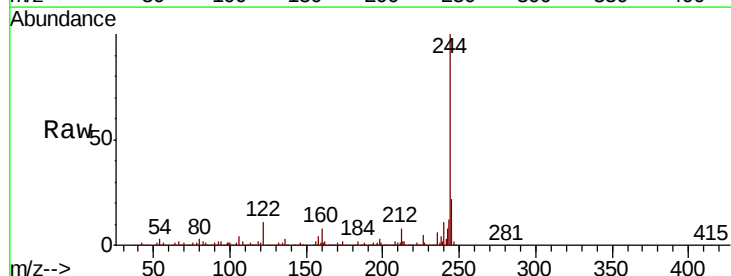


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

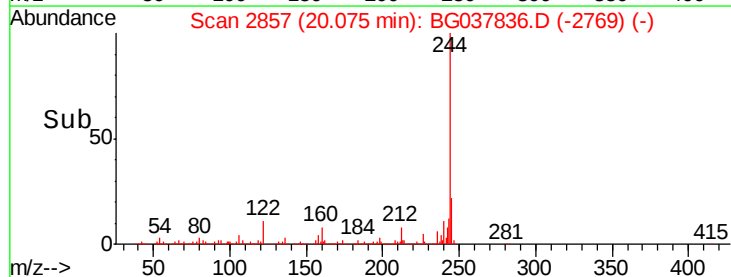
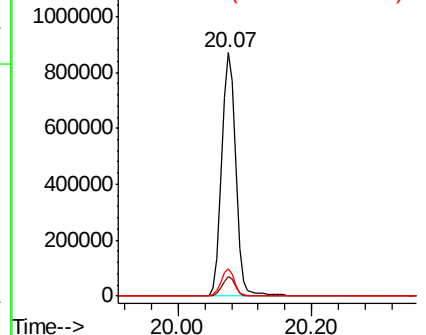


#79
Terphenyl-d14
Concen: 87.585 ng
RT: 20.07 min Scan# 2857
Delta R.T. -0.01 min
Lab File: BG037836.D
Acq: 6 Nov 2018 12:52

Tgt Ion:244 Resp: 1319634
Ion Ratio Lower Upper
244 100
212 8.0 6.5 9.7
122 11.3 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

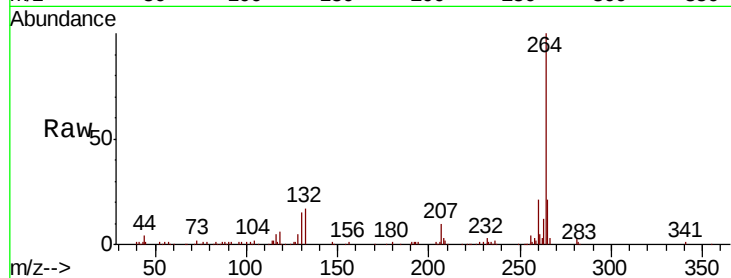




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.09 min Scan# 3711
 Delta R.T. -0.02 min
 Lab File: BG037836.D
 Acq: 6 Nov 2018 12:52

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.2	18.2	27.4
265	21.4	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

