

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102618\
 Data File : BG037582.D
 Acq On : 26 Oct 2018 15:51
 Operator : JU/SJ
 Sample : PB114176BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 27 03:39:30 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

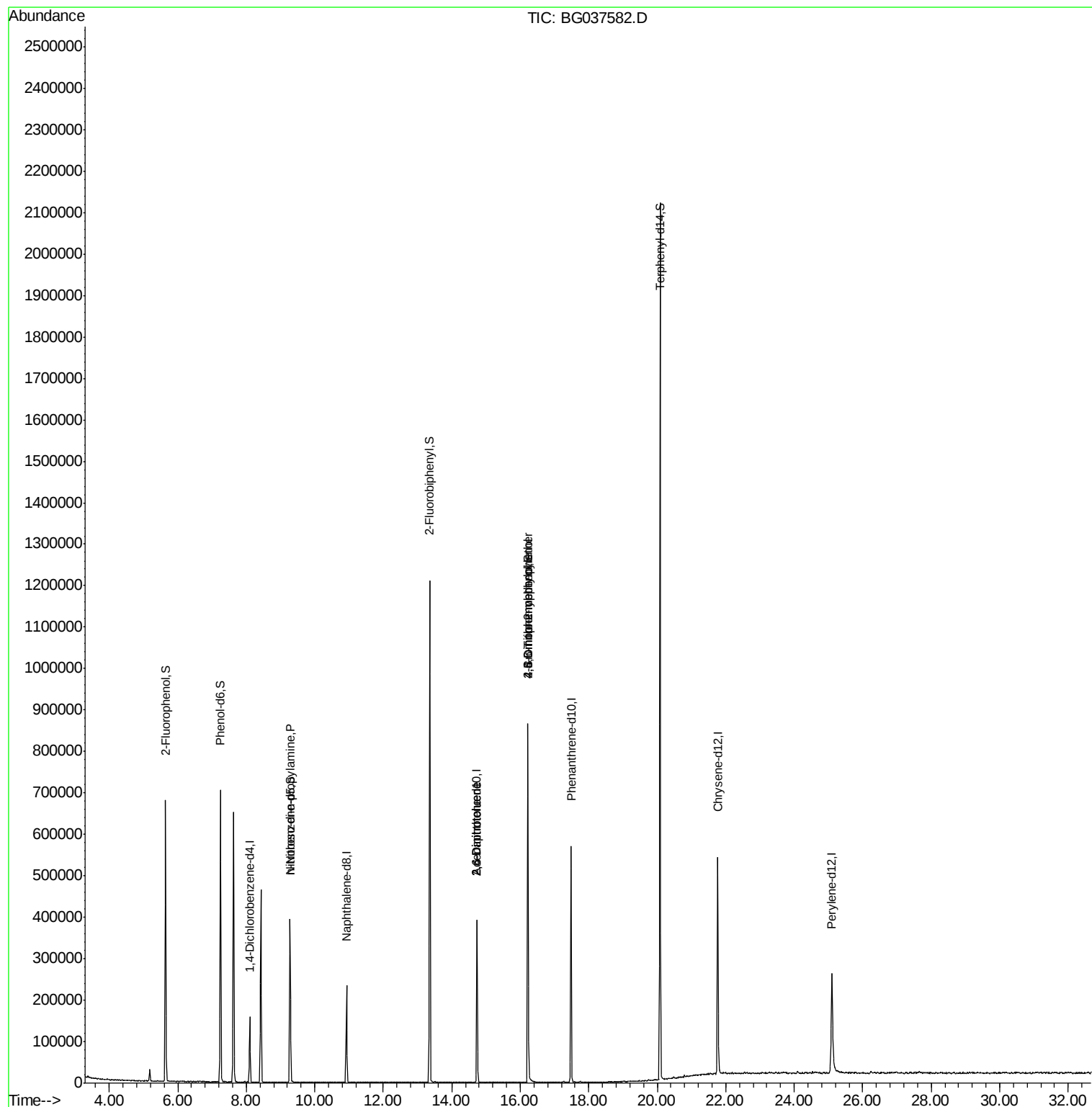
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	48616	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	212953	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	146308	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	364651	20.00	ng	0.00
76) Chrysene-d12	21.77	240	333682	20.00	ng	0.00
87) Perylene-d12	25.10	264	315585	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	315151	108.38	ng	0.00
7) Phenol-d6	7.25	99	452351	102.87	ng	0.00
23) Nitrobenzene-d5	9.28	82	253651	66.72	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	157069	98.43	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	656404	67.65	ng	0.00
79) Terphenyl-d14	20.08	244	1064723	68.18	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.28	70	31304	10.338	ng	# 70
51) 2,6-Dinitrotoluene	14.73	165	18684	7.462	ng	# 26
57) 2,4-Dinitrotoluene	14.73	165	18684	5.685	ng	# 25
65) 4,6-Dinitro-2-methylphenol	16.22	198	316	8.643	ng	# 83
67) 4-Bromophenyl-phenylether	16.22	248	12129	3.029	ng	# 1

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

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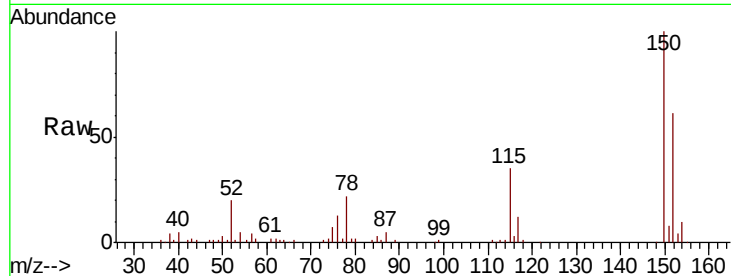


#1

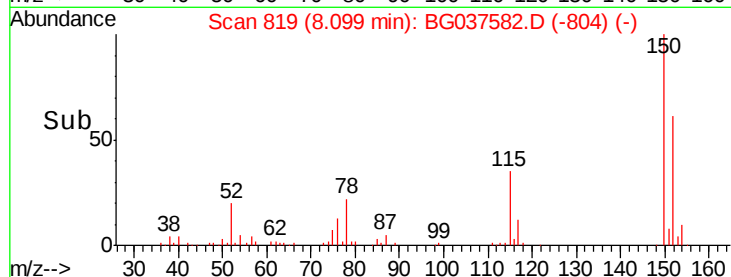
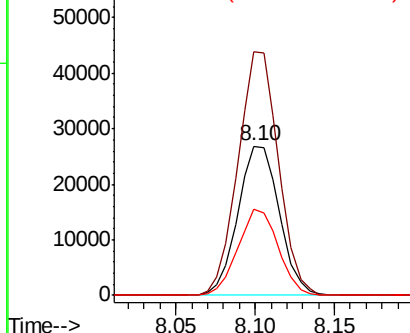
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037582.D
Acq: 26 Oct 2018 15:51

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 48616
Ion Ratio Lower Upper
152 100
150 163.5 126.0 189.0
115 58.0 45.5 68.3



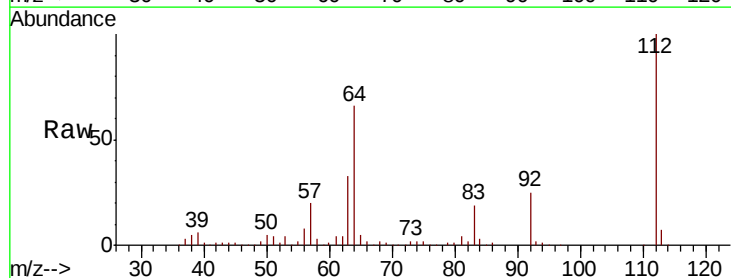
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



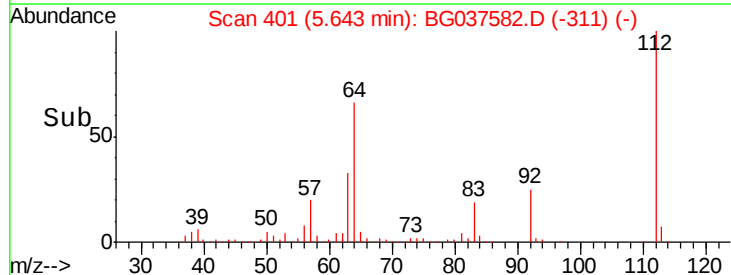
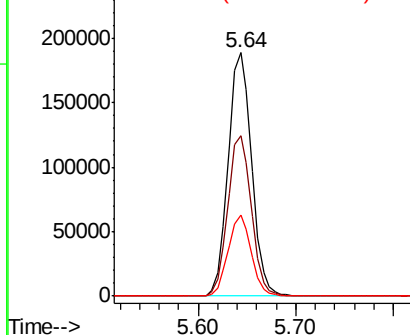
#5

2-Fluorophenol
Concen: 108.377 ng
RT: 5.64 min Scan# 401
Delta R.T. -0.00 min
Lab File: BG037582.D
Acq: 26 Oct 2018 15:51

Tgt Ion:112 Resp: 315151
Ion Ratio Lower Upper
112 100
64 65.7 53.1 79.7
63 33.4 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: 102.874 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG037582.D

Acq: 26 Oct 2018 15:51

Instrument :

BNA_G

ClientSampleId :

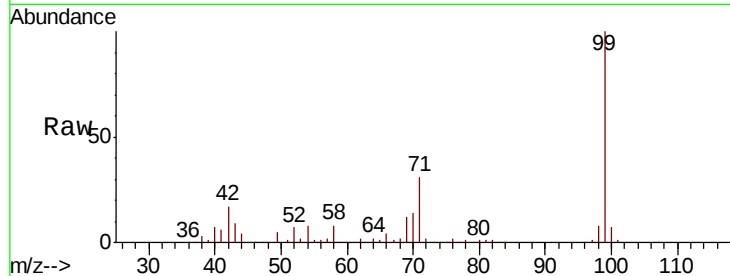
Tot Ion: 99 Resp: 452351

Ion Ratio Lower Upper

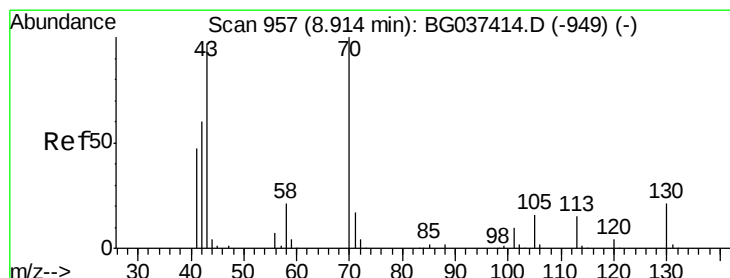
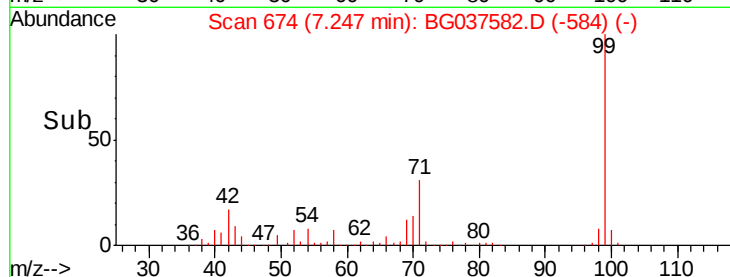
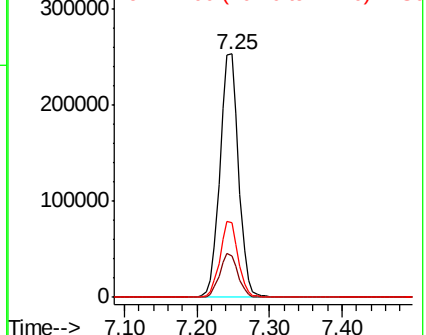
99 100

42 17.2 15.0 22.4

71 30.9 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: 10.338 ng

RT: 9.28 min Scan# 1020

Delta R.T. 0.37 min

Lab File: BG037582.D

Acq: 26 Oct 2018 15:51

Tgt Ion: 70 Resp: 31304

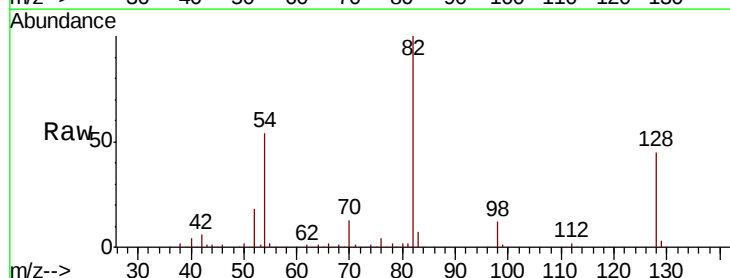
Ion Ratio Lower Upper

70 100

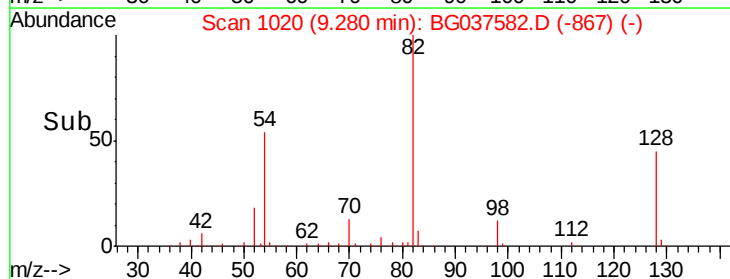
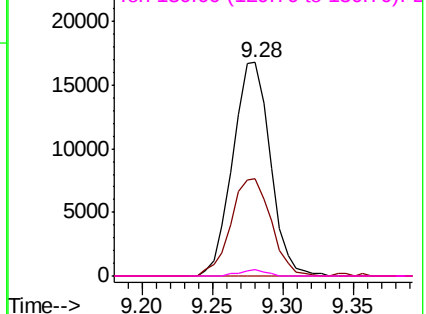
42 45.8 53.9 80.9#

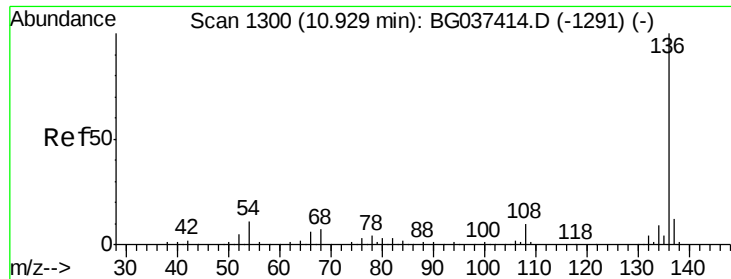
101 0.0 8.2 12.2#

130 2.8 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

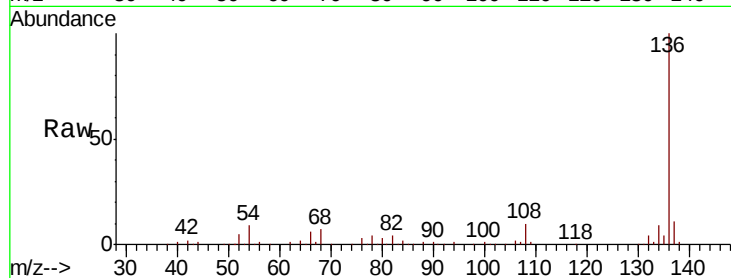




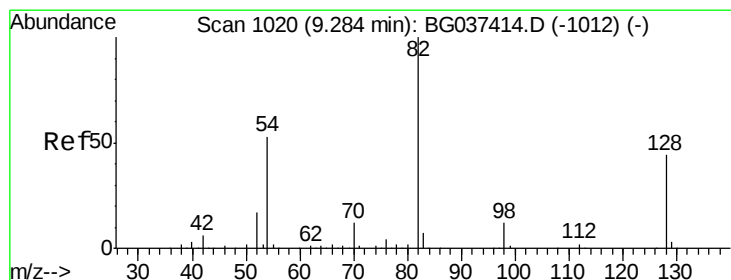
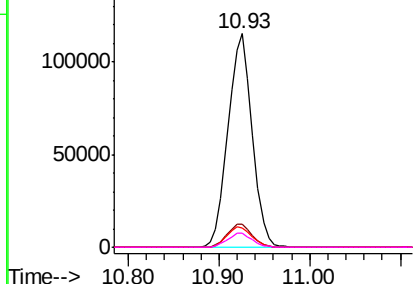
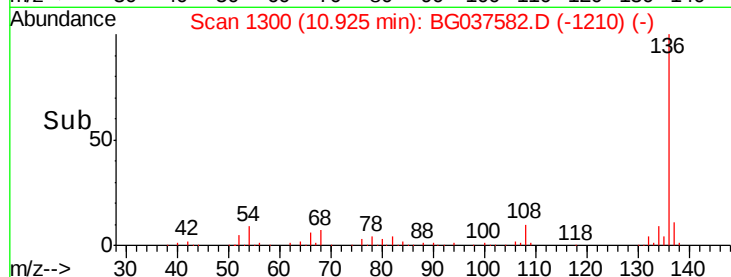
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BG037582.D
Acq: 26 Oct 2018 15:51

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	212953	
Ion Ratio	Lower	Upper	
136 100			
137 10.6	9.6	14.4	
54 9.1	7.9	11.9	
68 6.5	4.8	7.2	

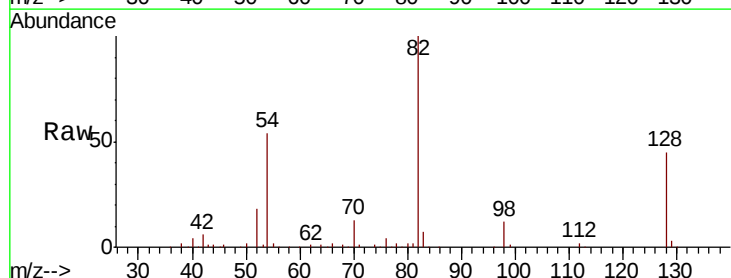


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

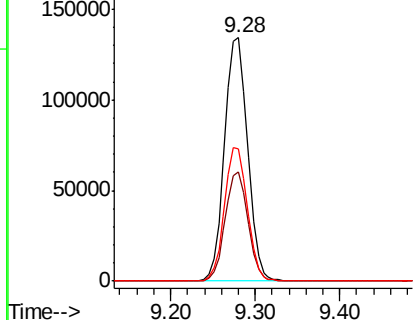
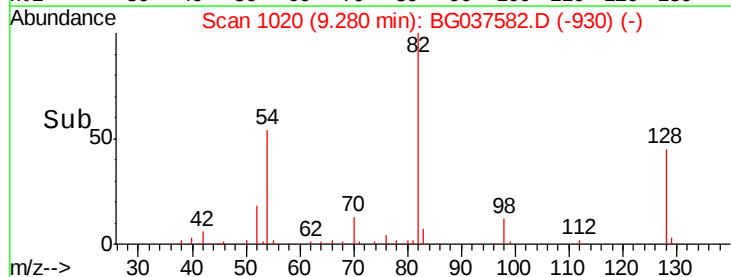


#23
Nitrobenzene-d5
Concen: 66.725 ng
RT: 9.28 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BG037582.D
Acq: 26 Oct 2018 15:51

Tgt	Ion: 82	Resp:	253651
Ion	Ratio	Lower	Upper
82	100		
128	44.7	34.6	51.8
54	54.5	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: 14.73 min Scan# 1948

Delta R.T. -0.01 min

Lab File: BG037582.D

Acq: 26 Oct 2018 15:51

Instrument :

BNA_G

ClientSampleId :

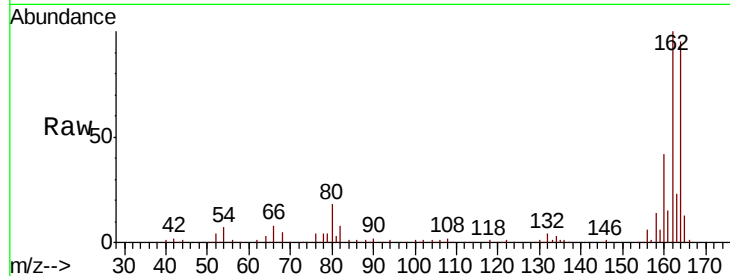
Tot Ion:164 Resp: 146308

Ion Ratio Lower Upper

164 100

162 105.3 81.3 121.9

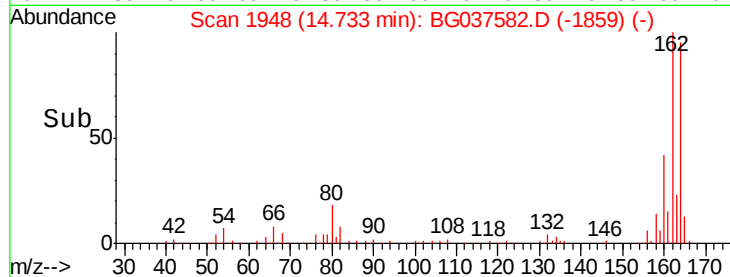
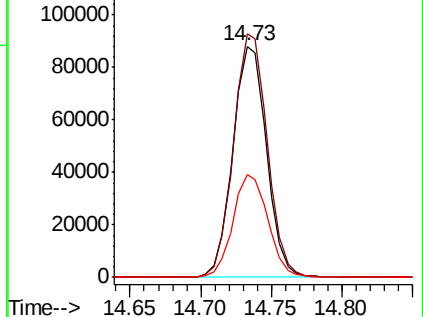
160 44.4 36.3 54.5



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: 98.429 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG037582.D

Acq: 26 Oct 2018 15:51

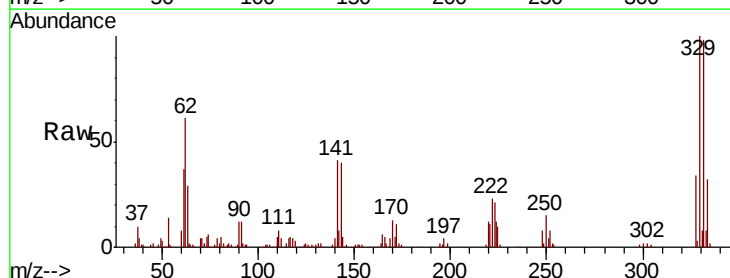
Tgt Ion:330 Resp: 157069

Ion Ratio Lower Upper

330 100

332 98.6 78.4 117.6

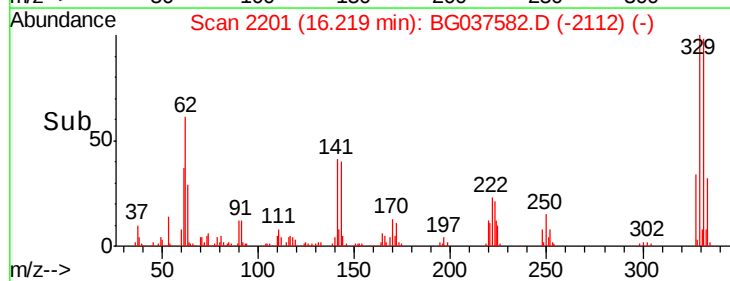
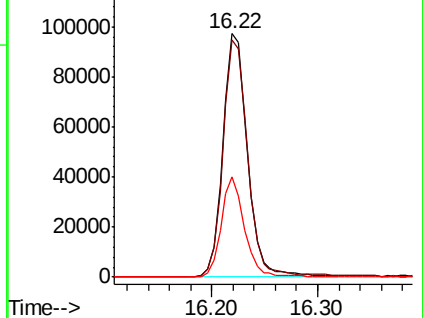
141 39.0 32.2 48.2



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

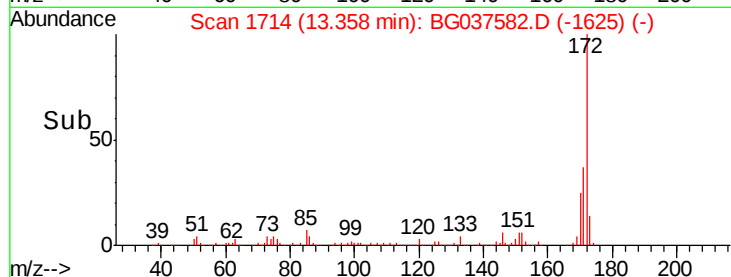
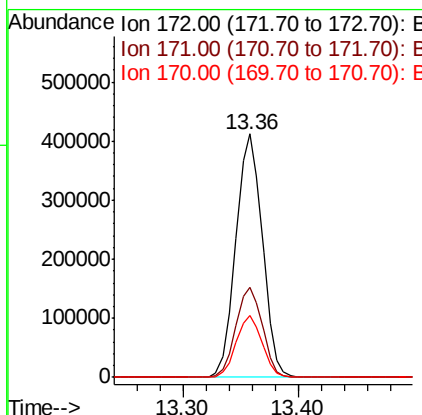
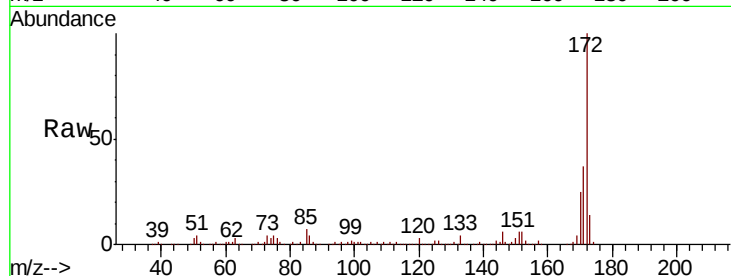




#45
 2-Fluorobiphenyl
 Concen: 67.653 ng
 RT: 13.36 min Scan# 1714
 Delta R.T. -0.01 min
 Lab File: BG037582.D
 Acq: 26 Oct 2018 15:51

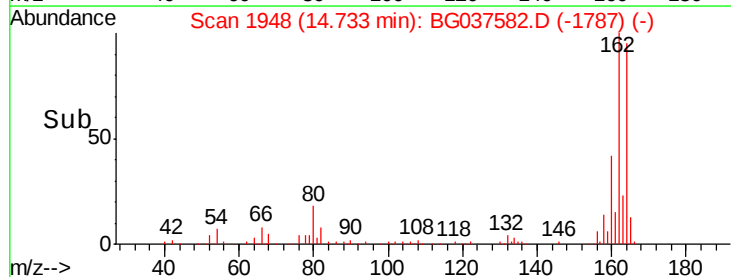
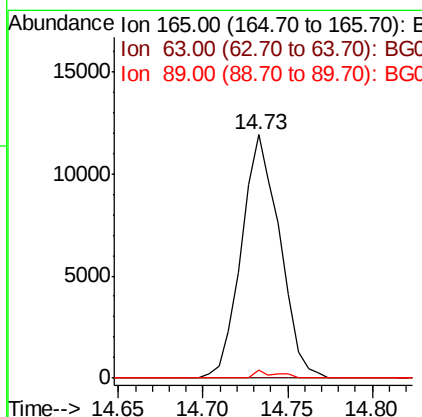
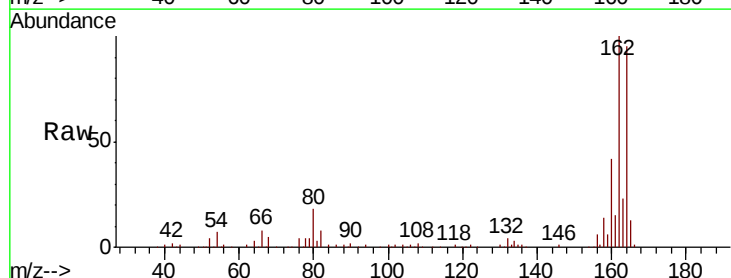
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:172 Resp: 656404
 Ion Ratio Lower Upper
 172 100
 171 36.9 31.0 46.4
 170 25.4 20.2 30.2



#51
 2,6-Dinitrotoluene
 Concen: 7.462 ng
 RT: 14.73 min Scan# 1948
 Delta R.T. 0.41 min
 Lab File: BG037582.D
 Acq: 26 Oct 2018 15:51

Tgt Ion:165 Resp: 18684
 Ion Ratio Lower Upper
 165 100
 63 0.0 43.4 65.2#
 89 3.1 45.8 68.6#

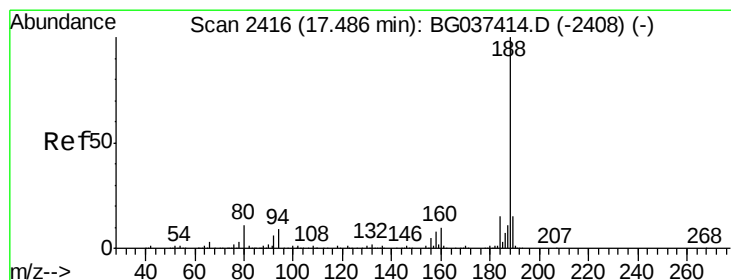
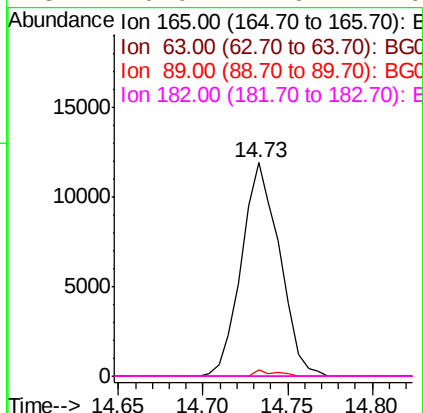
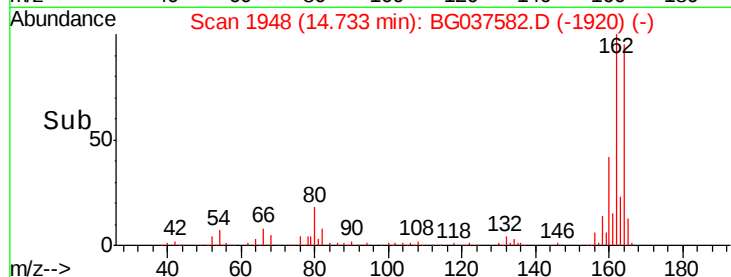
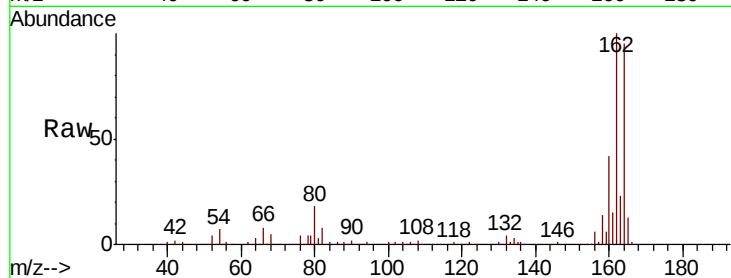




#57
 2,4-Dinitrotoluene
 Concen: 5.685 ng
 RT: 14.73 min Scan# 1948
 Delta R.T. -0.37 min
 Lab File: BG037582.D
 Acq: 26 Oct 2018 15:51

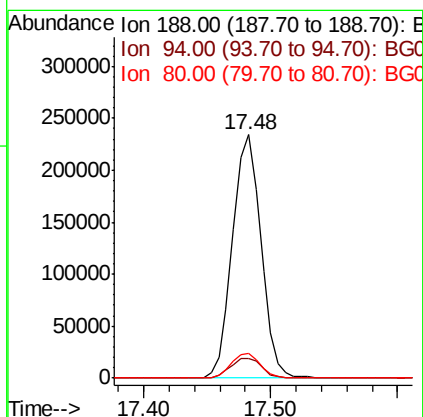
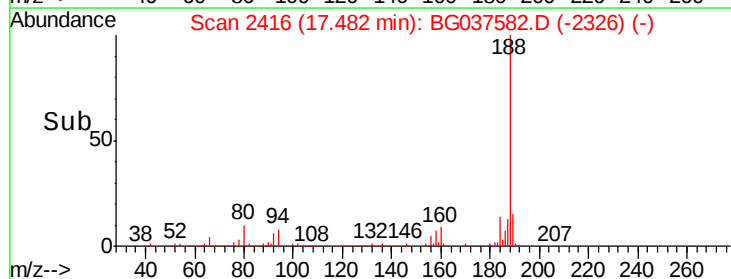
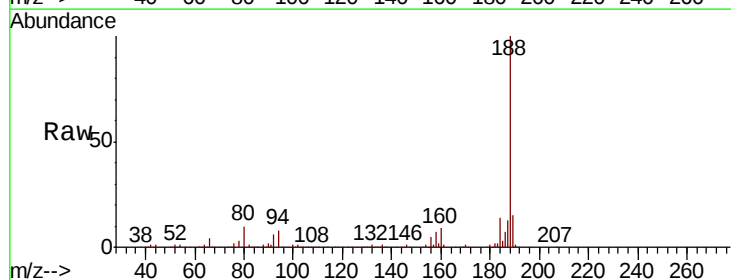
Instrument :
 BNA_G
 ClientSampleId :

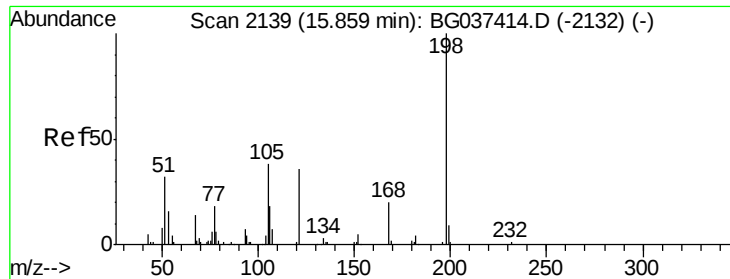
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	33.4	50.0#
89	3.1	57.2	85.8#
182	0.0	2.6	4.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.48 min Scan# 2416
 Delta R.T. -0.00 min
 Lab File: BG037582.D
 Acq: 26 Oct 2018 15:51

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.2	7.2	10.8
80	9.9	7.7	11.5

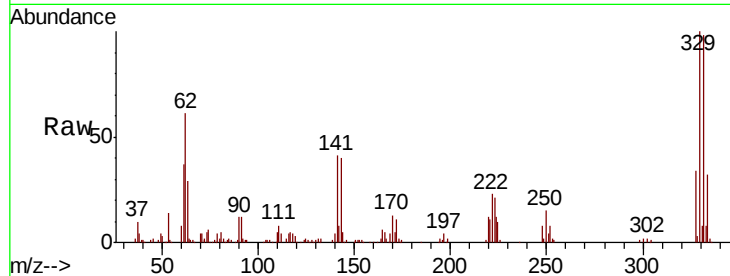




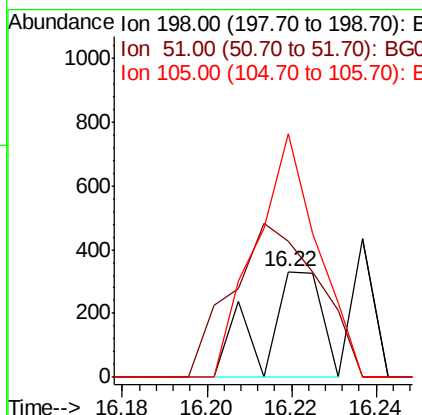
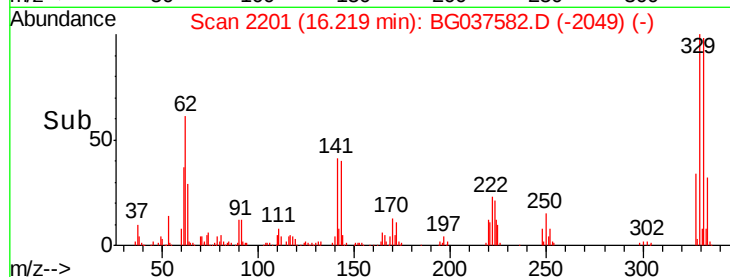
#65
 4,6-Dinitro-2-methylphenol
 Concen: 8.643 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. 0.36 min
 Lab File: BG037582.D
 Acq: 26 Oct 2018 15:51

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:198 Resp: 316
 Ion Ratio Lower Upper
 198 100
 51 22.2 22.7 62.7#
 105 39.6 19.7 59.7

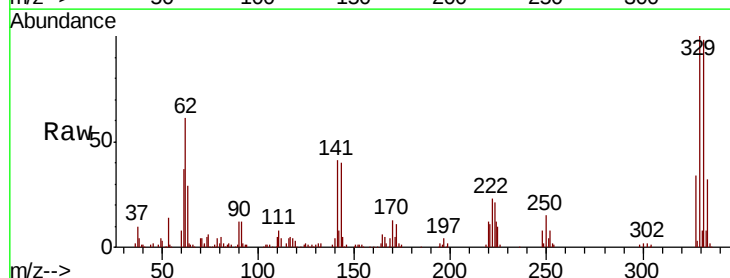


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

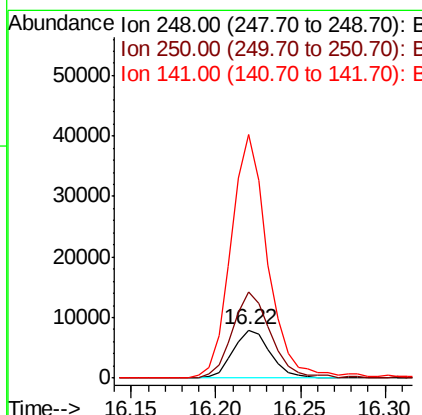
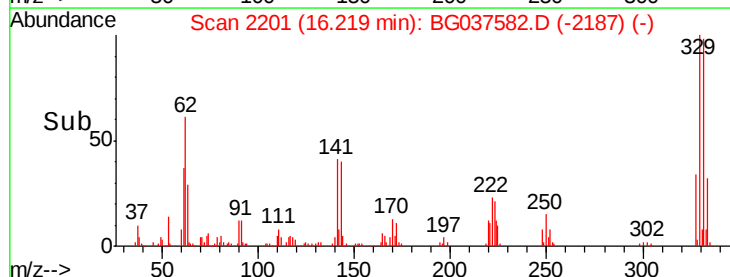


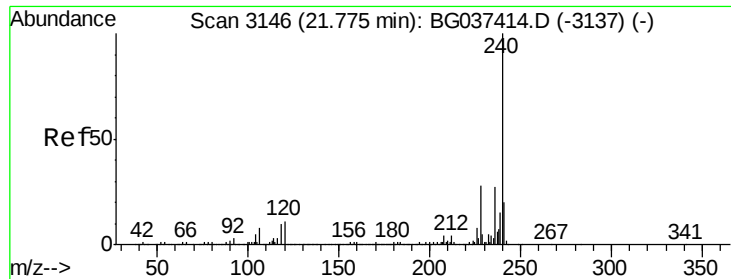
#67
 4-Bromophenyl-phenylether
 Concen: 3.029 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. -0.45 min
 Lab File: BG037582.D
 Acq: 26 Oct 2018 15:51

Tgt Ion:248 Resp: 12129
 Ion Ratio Lower Upper
 248 100
 250 178.2 77.0 115.6#
 141 390.2 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

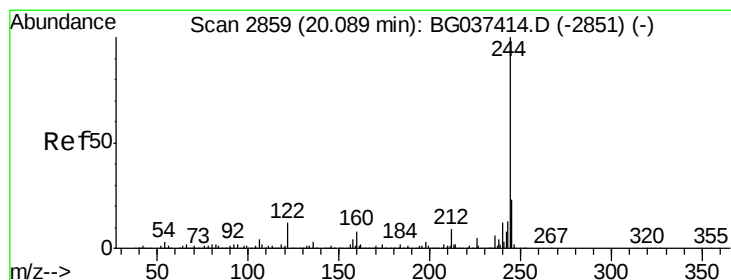
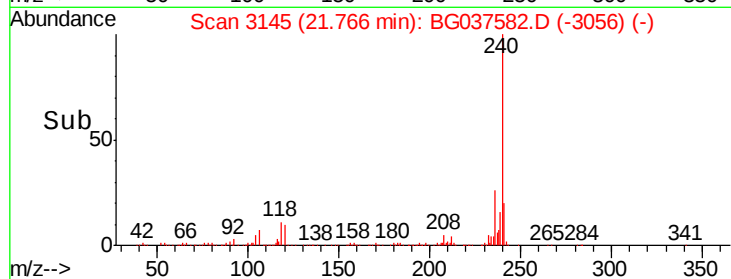
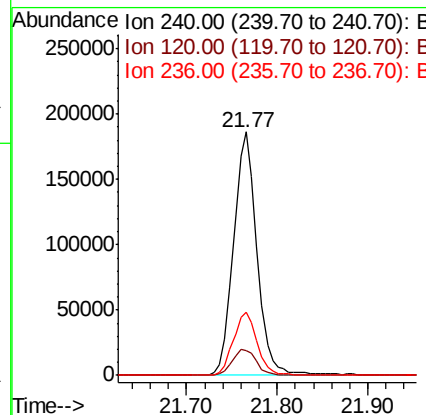
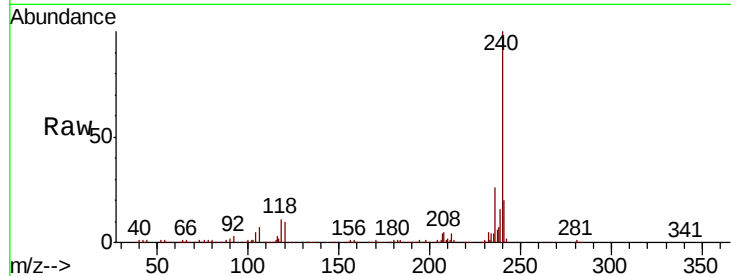




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.77 min Scan# 3145
 Delta R.T. -0.01 min
 Lab File: BG037582.D
 Acq: 26 Oct 2018 15:51

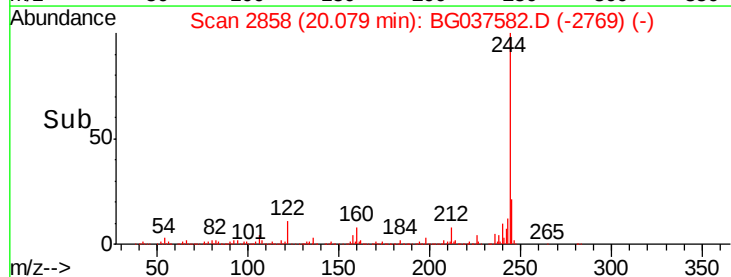
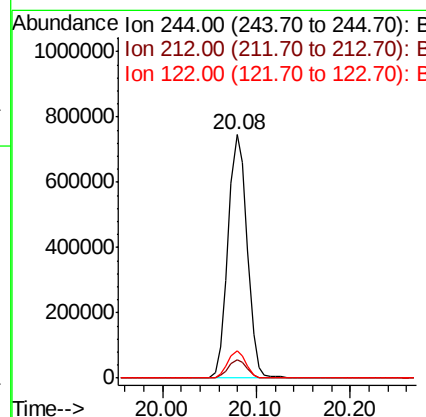
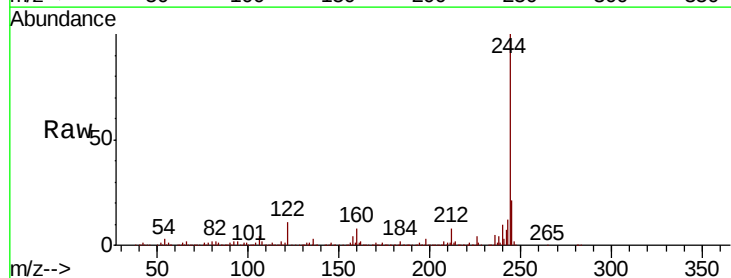
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.2	8.1	12.1
236	25.7	21.4	32.0



#79
 Terphenyl-d14
 Concen: 68.181 ng
 RT: 20.08 min Scan# 2858
 Delta R.T. -0.01 min
 Lab File: BG037582.D
 Acq: 26 Oct 2018 15:51

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.5	9.7
122	11.1	9.0	13.4





#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.10 min Scan# 3713
Delta R.T. -0.01 min
Lab File: BG037582.D
Acq: 26 Oct 2018 15:51

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.2	27.4
265	22.6	17.9	26.9

