

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102918\
 Data File : BG037617.D
 Acq On : 29 Oct 2018 11:18
 Operator : JU/SJ
 Sample : PB114233BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 29 14:35:01 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

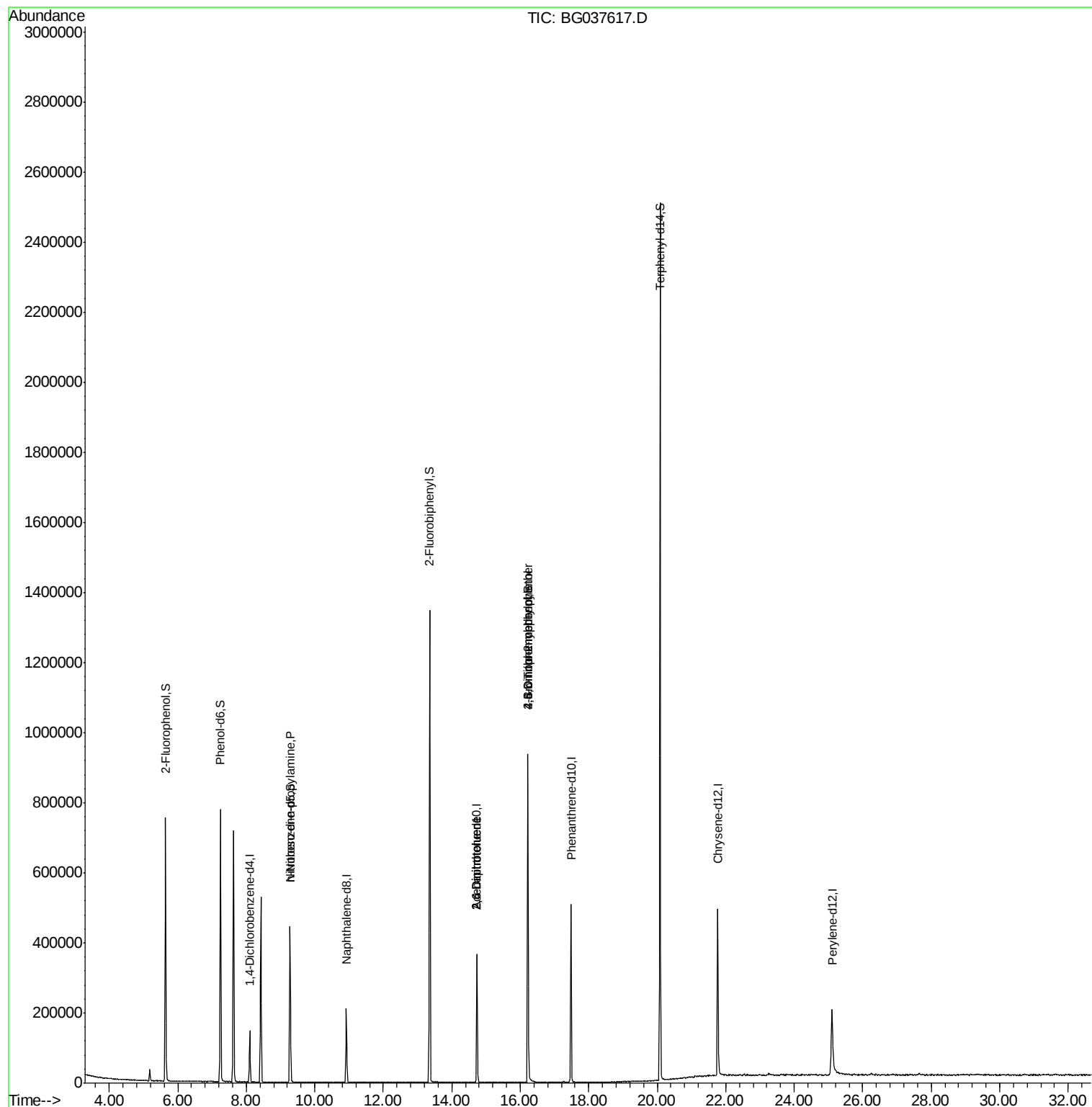
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	45781	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	197156	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	132493	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	337181	20.00	ng	0.00
76) Chrysene-d12	21.77	240	313625	20.00	ng	0.00
87) Perylene-d12	25.10	264	272827	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	347622	126.95	ng	0.00
7) Phenol-d6	7.24	99	499465	120.62	ng	0.00
23) Nitrobenzene-d5	9.28	82	286325	81.36	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	175302	121.31	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	732248	83.34	ng	0.00
79) Terphenyl-d14	20.08	244	1188799	80.99	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.28	70	35022	12.283	ng	# 71
51) 2,6-Dinitrotoluene	14.73	165	17192	7.582	ng	# 23
57) 2,4-Dinitrotoluene	14.73	165	17192	5.776	ng	# 23
65) 4,6-Dinitro-2-methylphenol	16.23	198	365	8.677	ng	83
67) 4-Bromophenyl-phenylether	16.22	248	12685	3.426	ng	# 1

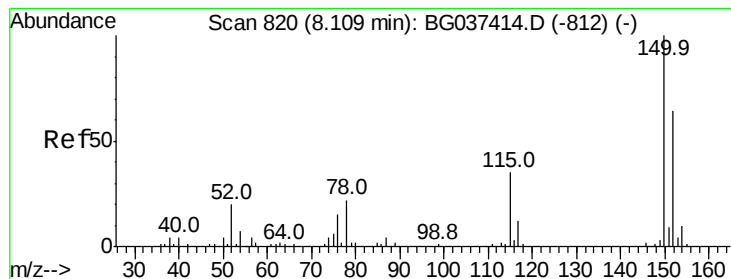
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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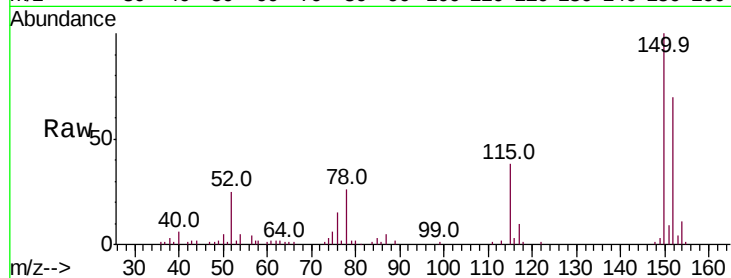


#1

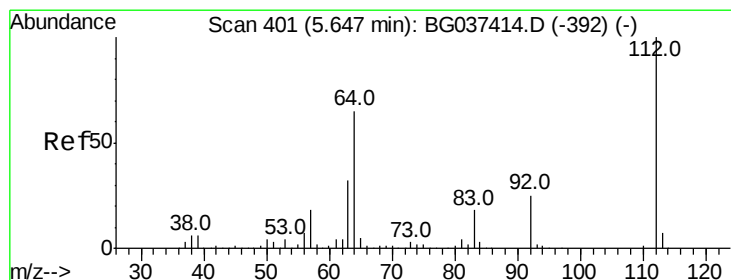
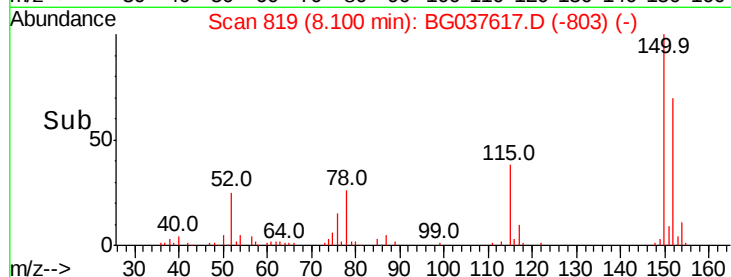
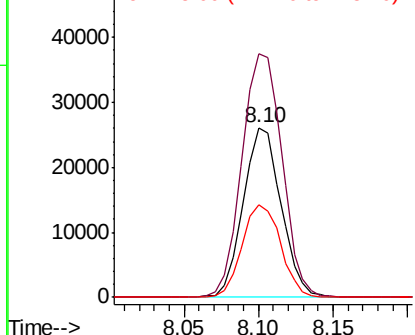
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037617.D
Acq: 29 Oct 2018 11:18

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 45781
Ion Ratio Lower Upper
152 100
150 143.5 126.0 189.0
115 54.9 45.5 68.3



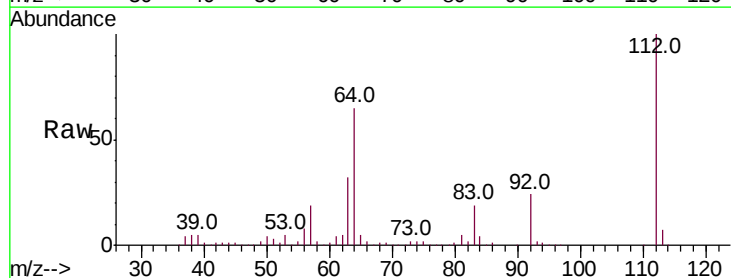
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



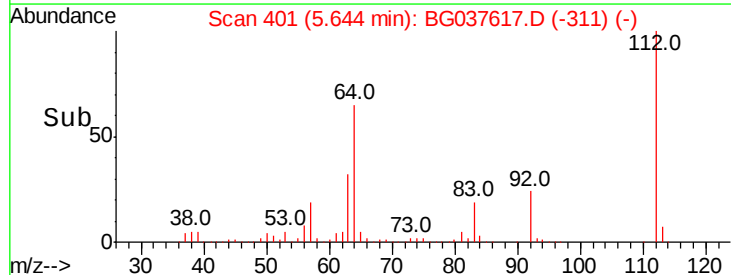
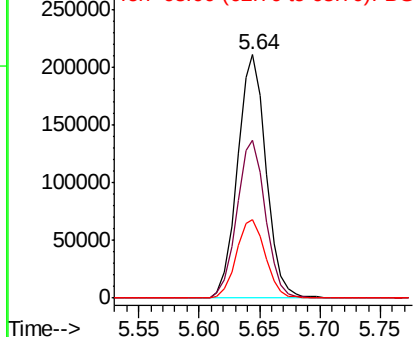
#5

2-Fluorophenol
Concen: 126.946 ng
RT: 5.64 min Scan# 401
Delta R.T. -0.00 min
Lab File: BG037617.D
Acq: 29 Oct 2018 11:18

Tgt Ion:112 Resp: 347622
Ion Ratio Lower Upper
112 100
64 65.0 53.1 79.7
63 32.4 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: 120.623 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037617.D

Acq: 29 Oct 2018 11:18

Instrument :

BNA_G

ClientSampleId :

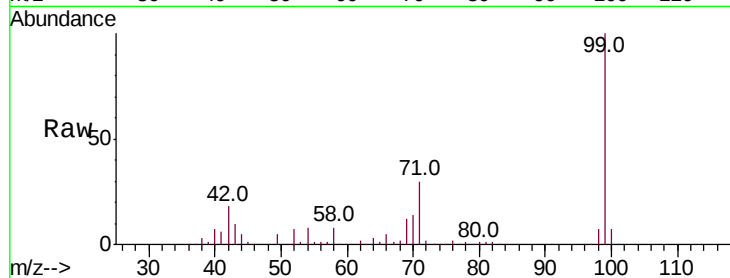
Tot Ion: 99 Resp: 499465

Ion Ratio Lower Upper

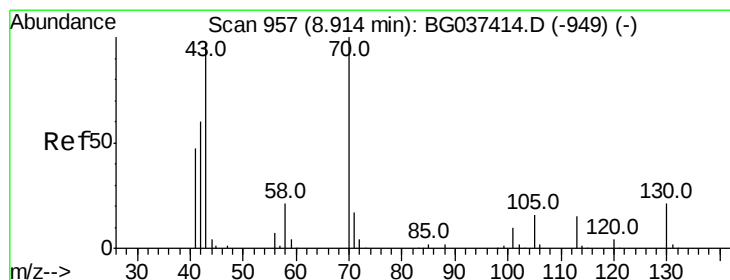
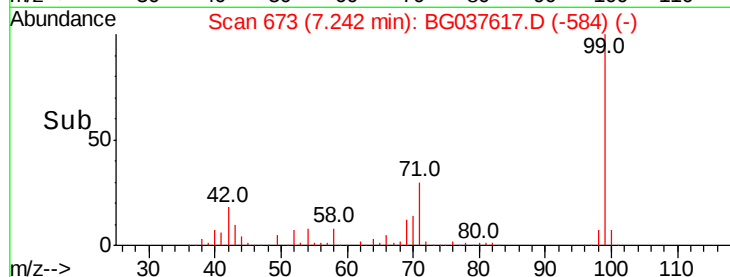
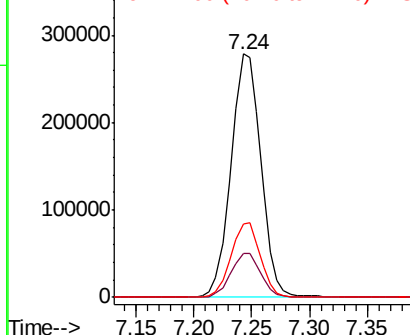
99 100

42 18.2 15.0 22.4

71 30.3 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



#19

n-Nitroso-di-n-propylamine

Concen: 12.283 ng

RT: 9.28 min Scan# 1019

Delta R.T. 0.36 min

Lab File: BG037617.D

Acq: 29 Oct 2018 11:18

Tgt Ion: 70 Resp: 35022

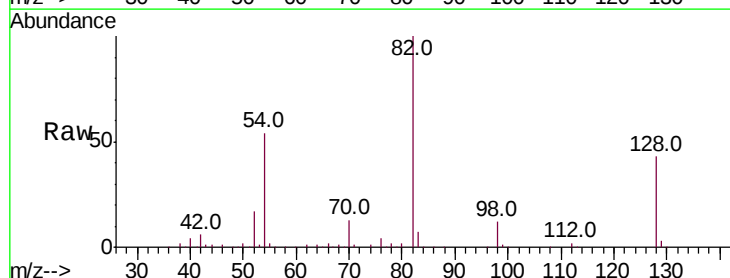
Ion Ratio Lower Upper

70 100

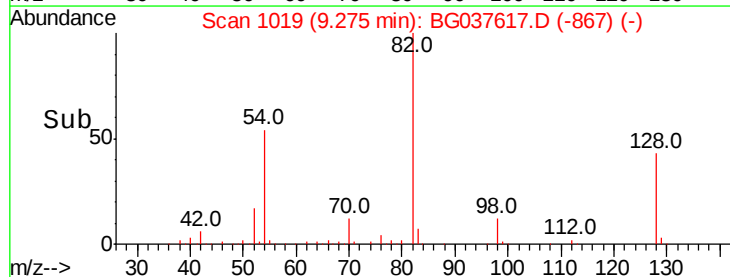
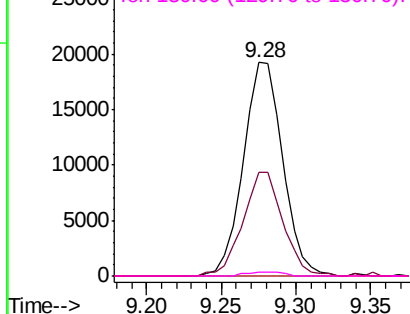
42 48.4 53.9 80.9#

101 0.0 8.2 12.2#

130 1.6 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

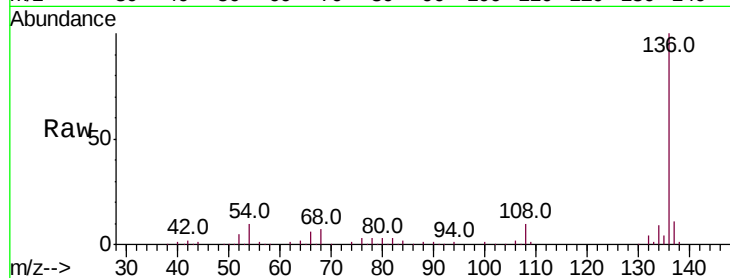




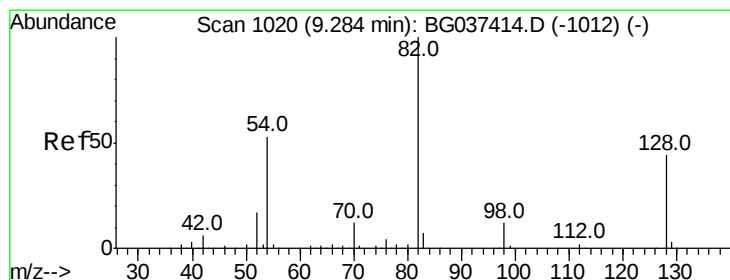
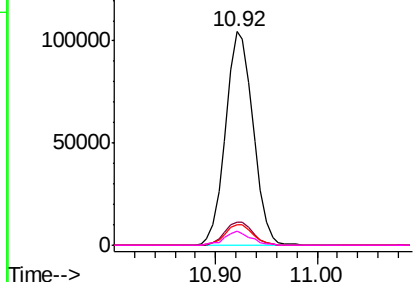
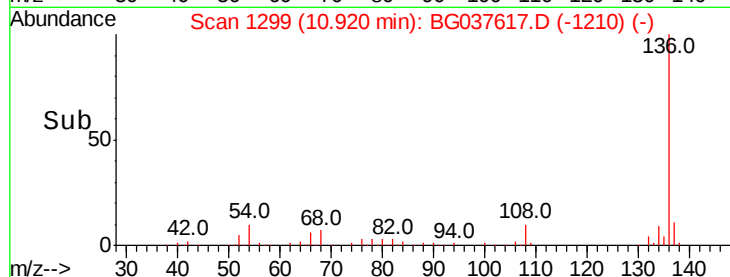
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG037617.D
Acq: 29 Oct 2018 11:18

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	197156
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.6	14.4
54	9.8	7.9	11.9
68	6.8	4.8	7.2

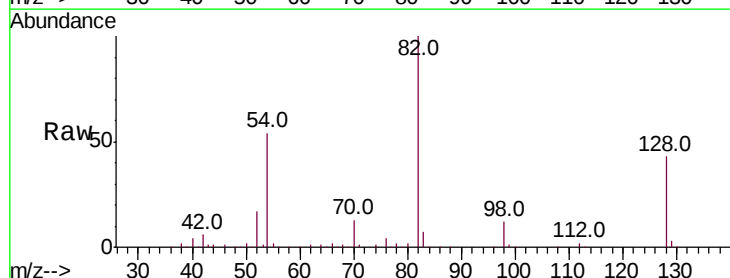


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

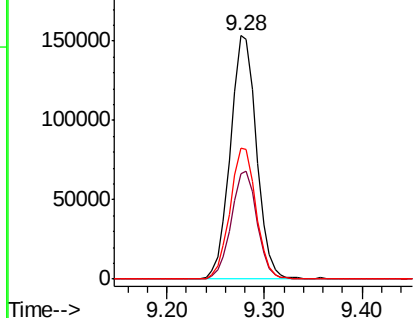
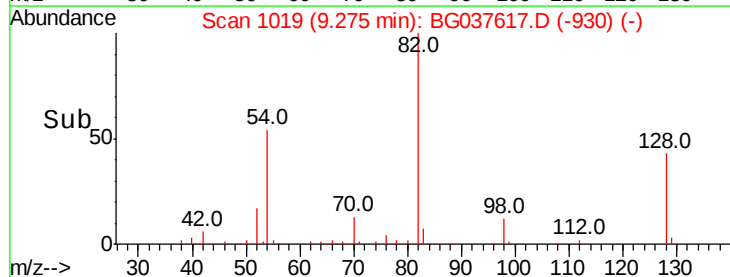


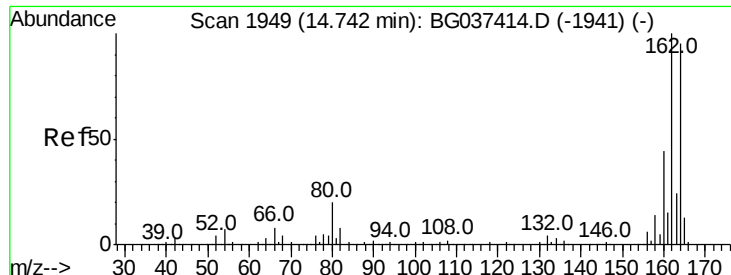
#23
Nitrobenzene-d5
Concen: 81.355 ng
RT: 9.28 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG037617.D
Acq: 29 Oct 2018 11:18

Tgt Ion:	82	Resp:	286325
Ion	Ratio	Lower	Upper
82	100		
128	43.5	34.6	51.8
54	53.9	45.3	67.9



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): E
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: BG037617.D

Acq: 29 Oct 2018 11:18

Instrument :

BNA_G

ClientSampleId :

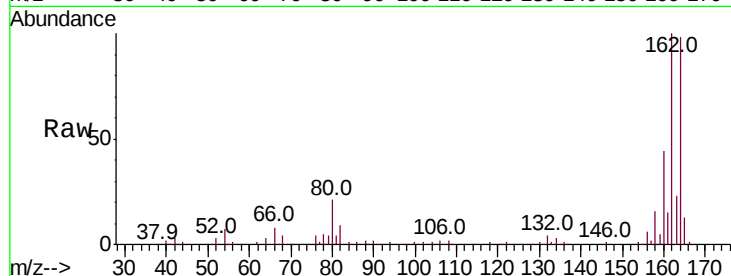
Tot Ion:164 Resp: 132493

Ion Ratio Lower Upper

164 100

162 101.8 81.3 121.9

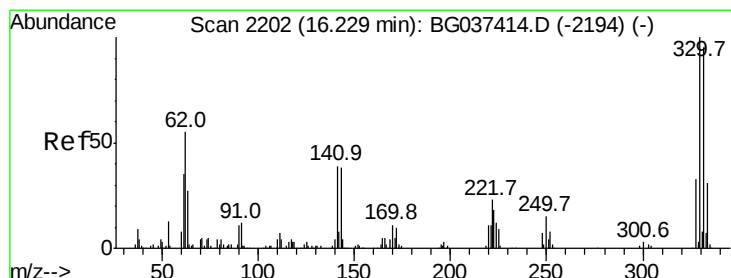
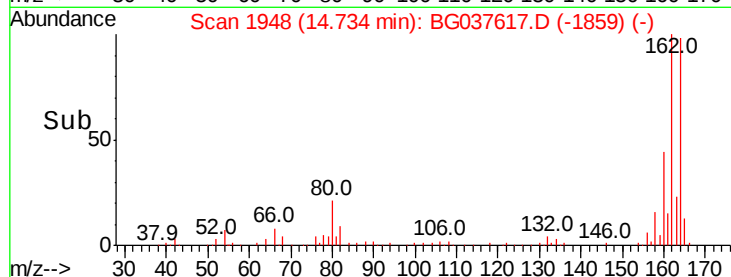
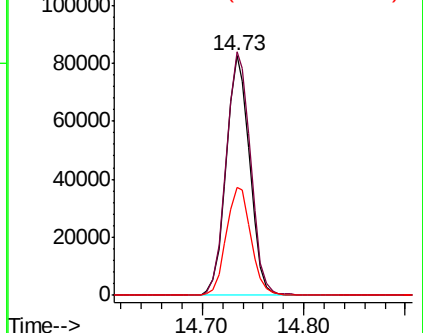
160 45.3 36.3 54.5



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: 121.309 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG037617.D

Acq: 29 Oct 2018 11:18

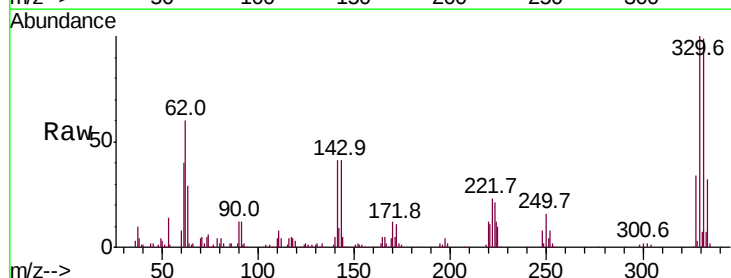
Tgt Ion:330 Resp: 175302

Ion Ratio Lower Upper

330 100

332 98.1 78.4 117.6

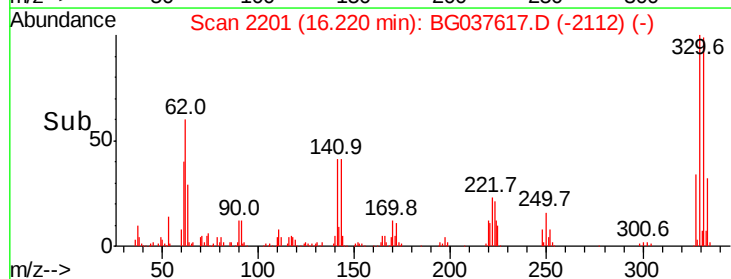
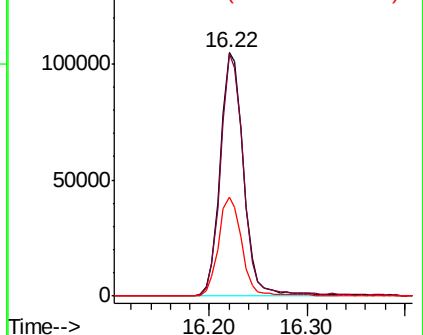
141 40.4 32.2 48.2

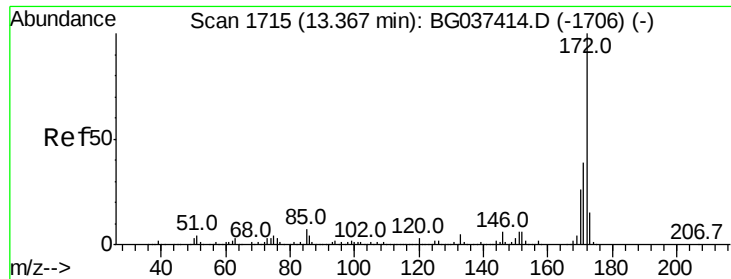


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

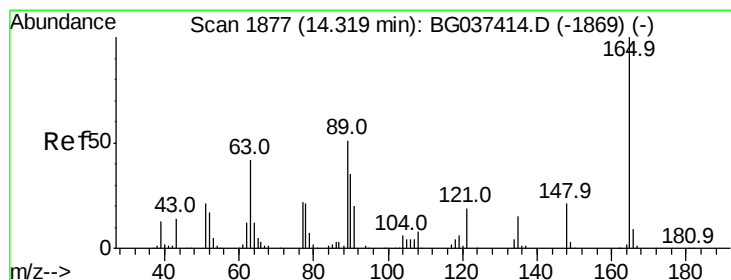
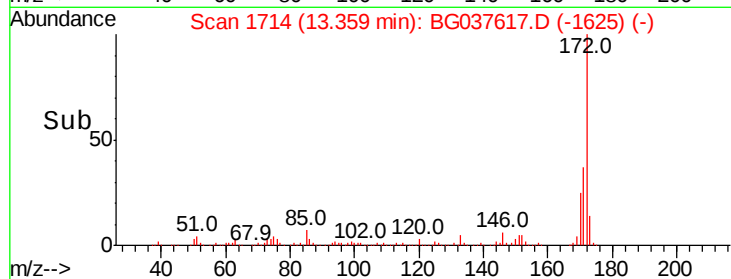
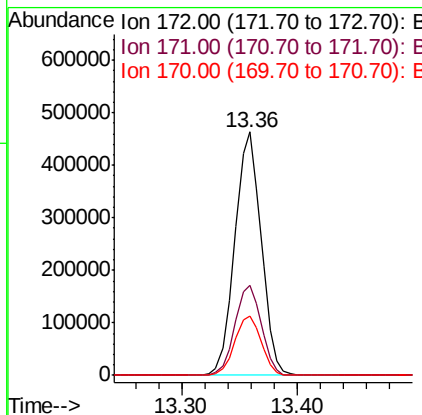
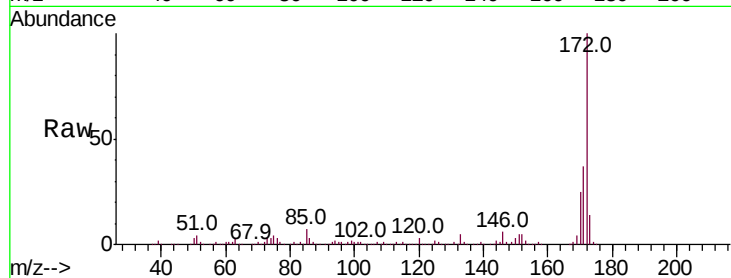




#45
2-Fluorobiphenyl
Concen: 83.339 ng
RT: 13.36 min Scan# 1714
Delta R.T. -0.01 min
Lab File: BG037617.D
Acq: 29 Oct 2018 11:18

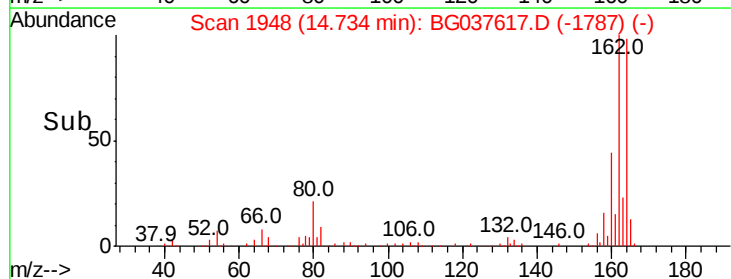
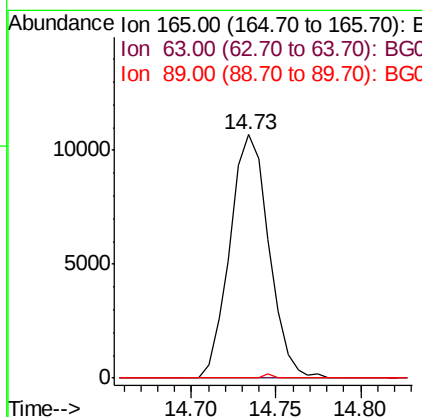
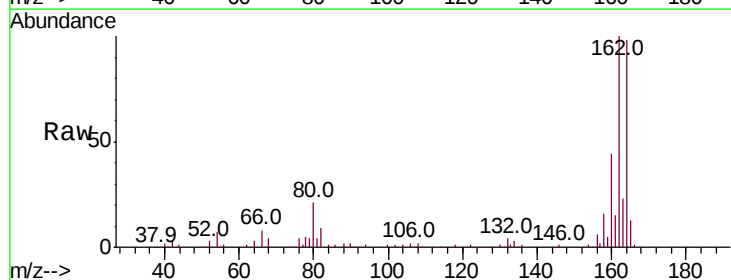
Instrument :
BNA_G
ClientSampleId :

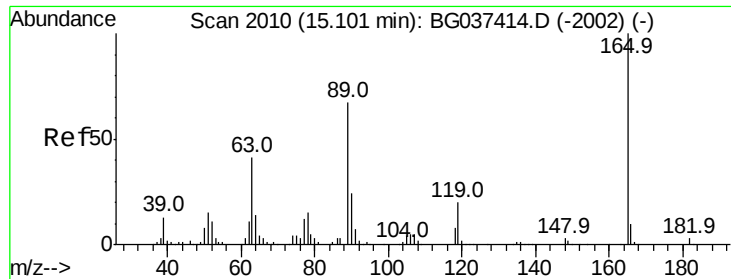
Tot Ion:172 Resp: 732248
Ion Ratio Lower Upper
172 100
171 36.7 31.0 46.4
170 24.6 20.2 30.2



#51
2,6-Dinitrotoluene
Concen: 7.582 ng
RT: 14.73 min Scan# 1948
Delta R.T. 0.41 min
Lab File: BG037617.D
Acq: 29 Oct 2018 11:18

Tgt Ion:165 Resp: 17192
Ion Ratio Lower Upper
165 100
63 0.0 43.4 65.2#
89 0.0 45.8 68.6#

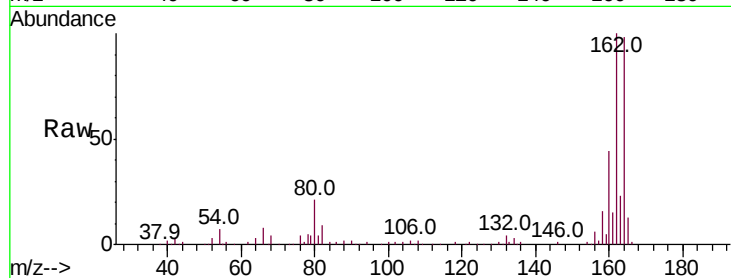




#57
 2,4-Dinitrotoluene
 Concen: 5.776 ng
 RT: 14.73 min Scan# 1948
 Delta R.T. -0.37 min
 Lab File: BG037617.D
 Acq: 29 Oct 2018 11:18

Instrument :
 BNA_G
 ClientSampleId :

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

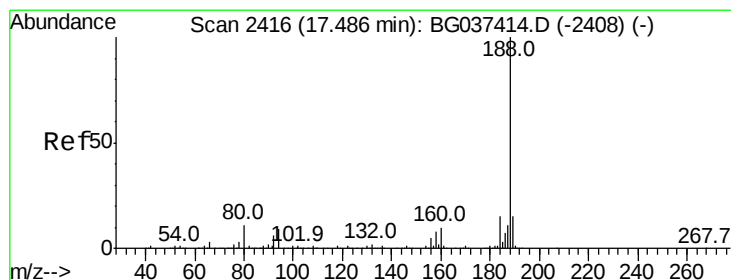
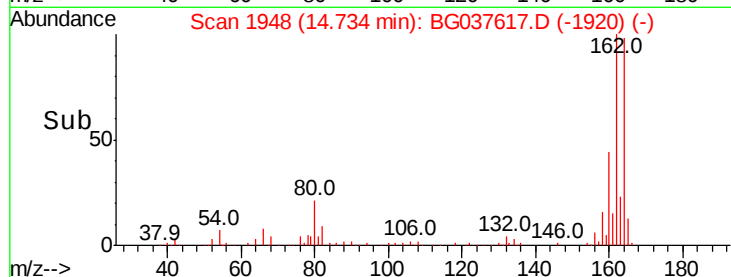
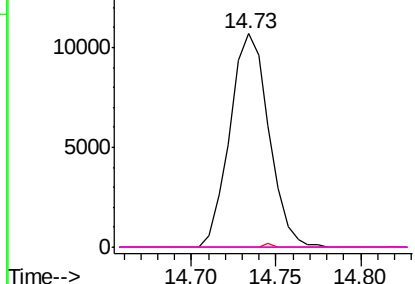


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

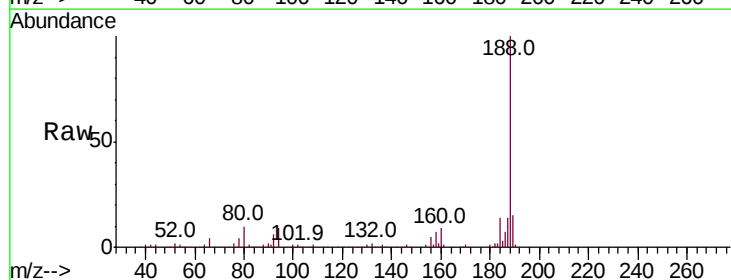
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.48 min Scan# 2416
 Delta R.T. -0.00 min
 Lab File: BG037617.D
 Acq: 29 Oct 2018 11:18

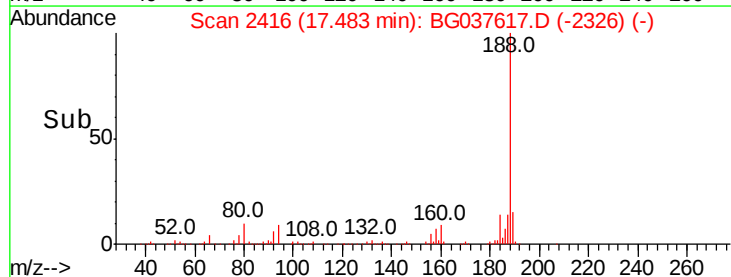
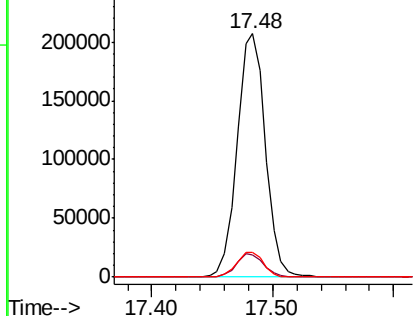
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.2	10.8
80	10.4	7.7	11.5

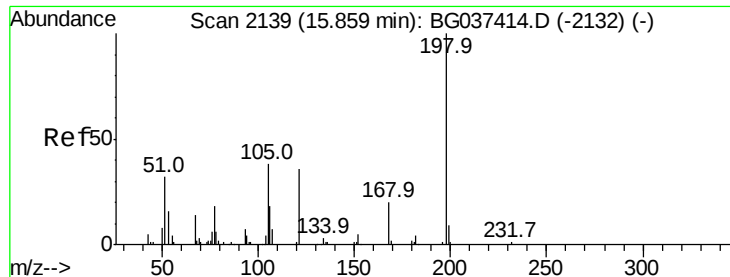


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

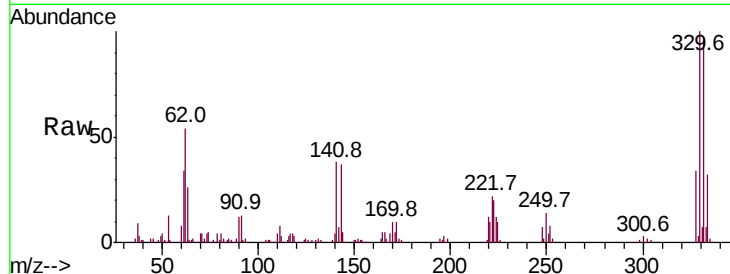




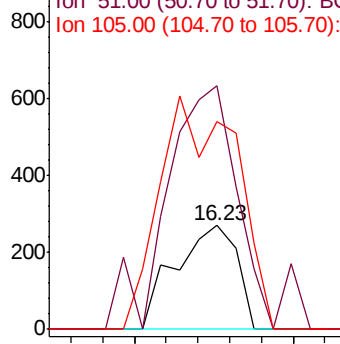
#65
4,6-Dinitro-2-methylphenol
Concen: 8.677 ng
RT: 16.23 min Scan# 2202
Delta R.T. 0.37 min
Lab File: BG037617.D
Acq: 29 Oct 2018 11:18

Instrument :
BNA_G
ClientSampleId :

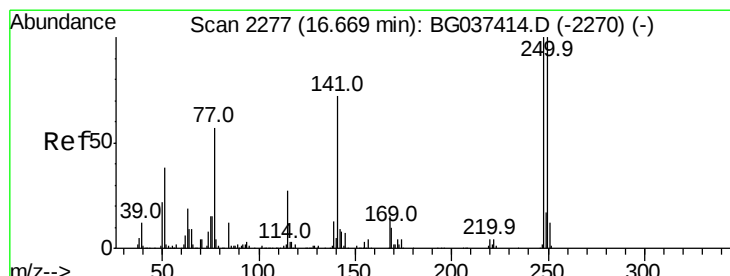
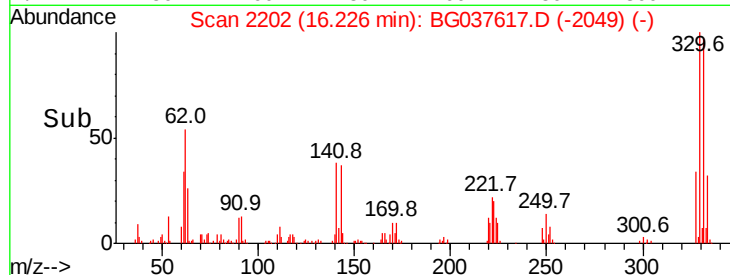
Tot Ion:198 Resp: 365
Ion Ratio Lower Upper
198 100
51 33.0 22.7 62.7
105 28.1 19.7 59.7



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

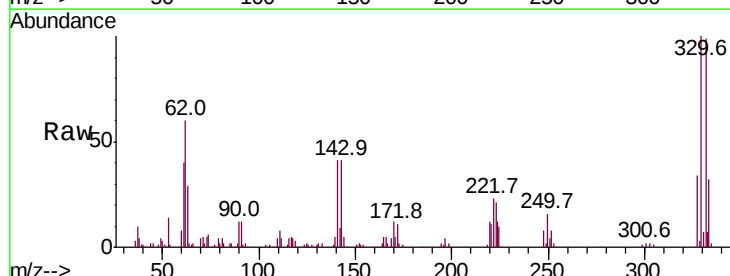


Time-->

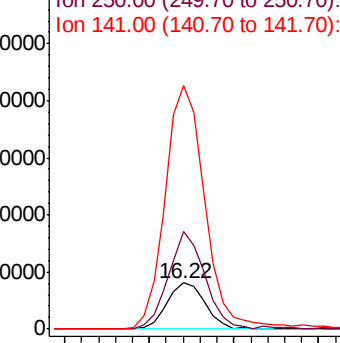


#67
4-Bromophenyl-phenylether
Concen: 3.426 ng
RT: 16.22 min Scan# 2201
Delta R.T. -0.45 min
Lab File: BG037617.D
Acq: 29 Oct 2018 11:18

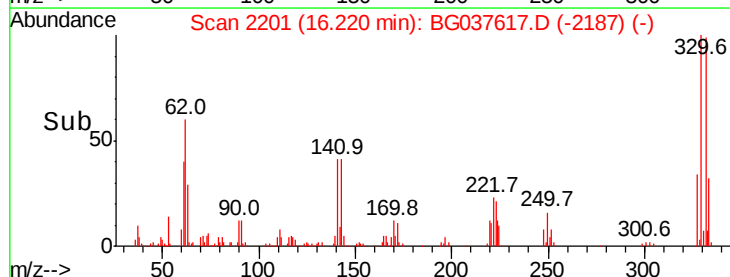
Tgt Ion:248 Resp: 12685
Ion Ratio Lower Upper
248 100
250 207.2 77.0 115.6#
141 406.4 55.5 83.3#

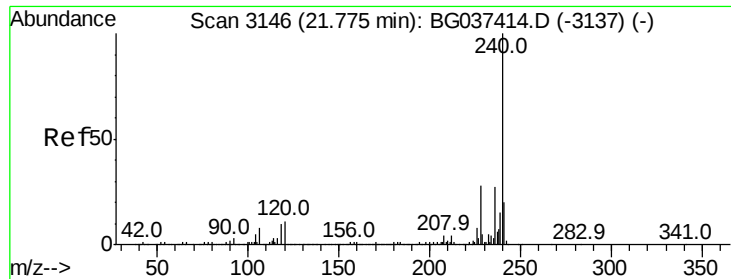


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E



Time-->

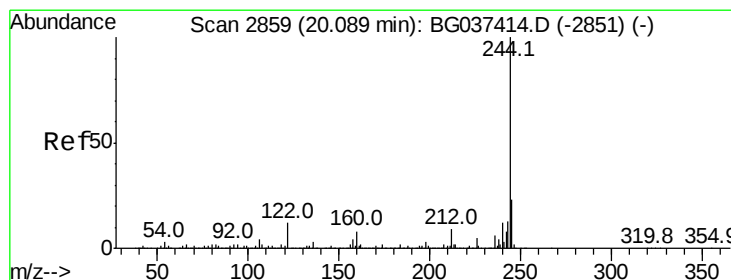
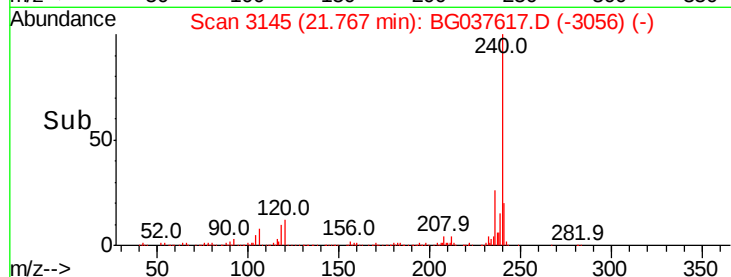
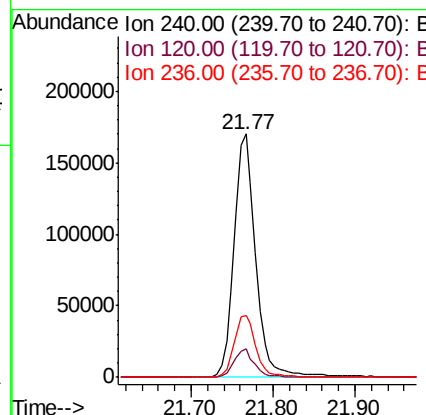
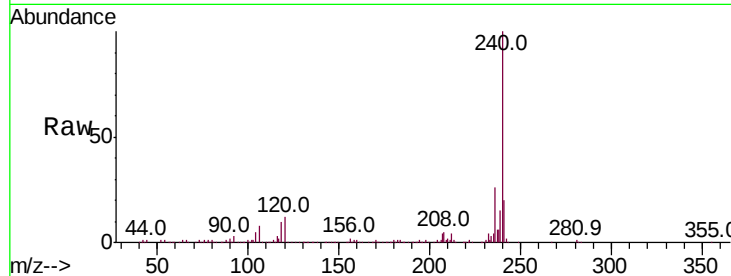




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.77 min Scan# 3145
 Delta R.T. -0.01 min
 Lab File: BG037617.D
 Acq: 29 Oct 2018 11:18

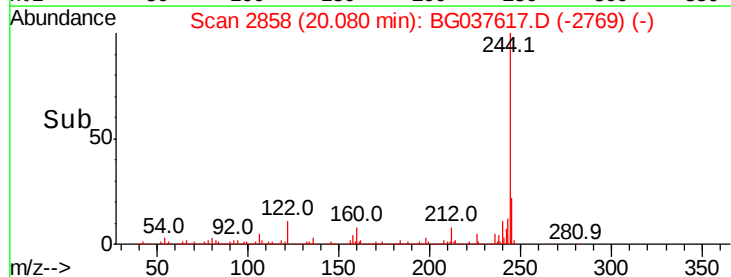
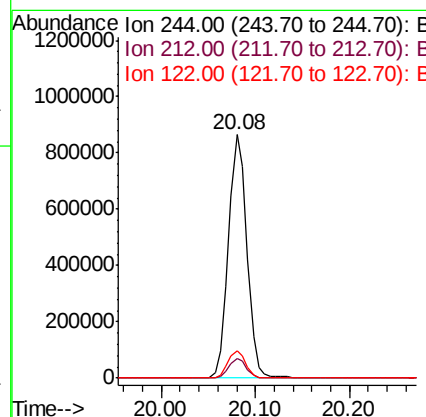
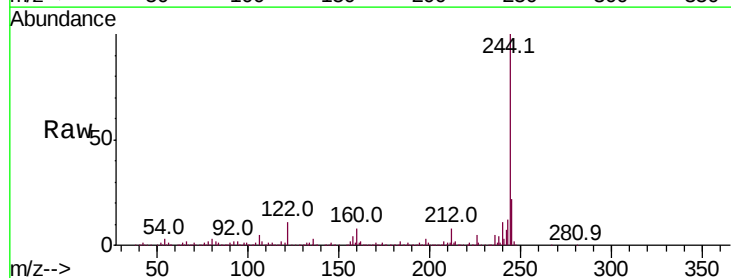
Instrument :
 BNA_G
 ClientSampleId :

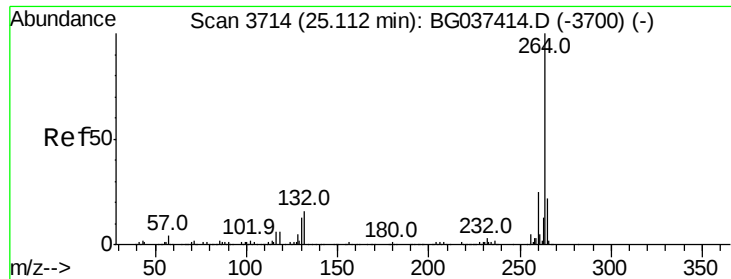
Tot Ion:240 Resp: 313625
 Ion Ratio Lower Upper
 240 100
 120 11.5 8.1 12.1
 236 25.6 21.4 32.0



#79
 Terphenyl-d14
 Concen: 80.994 ng
 RT: 20.08 min Scan# 2858
 Delta R.T. -0.01 min
 Lab File: BG037617.D
 Acq: 29 Oct 2018 11:18

Tgt Ion:244 Resp: 1188799
 Ion Ratio Lower Upper
 244 100
 212 8.1 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: BG037617.D
Acq: 29 Oct 2018 11:18

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.2	27.4
265	22.1	17.9	26.9

