

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103118\
 Data File : BG037703.D
 Acq On : 1 Nov 2018 4:46
 Operator : JU/SJ
 Sample : J5205-10
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 01 07:05:21 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

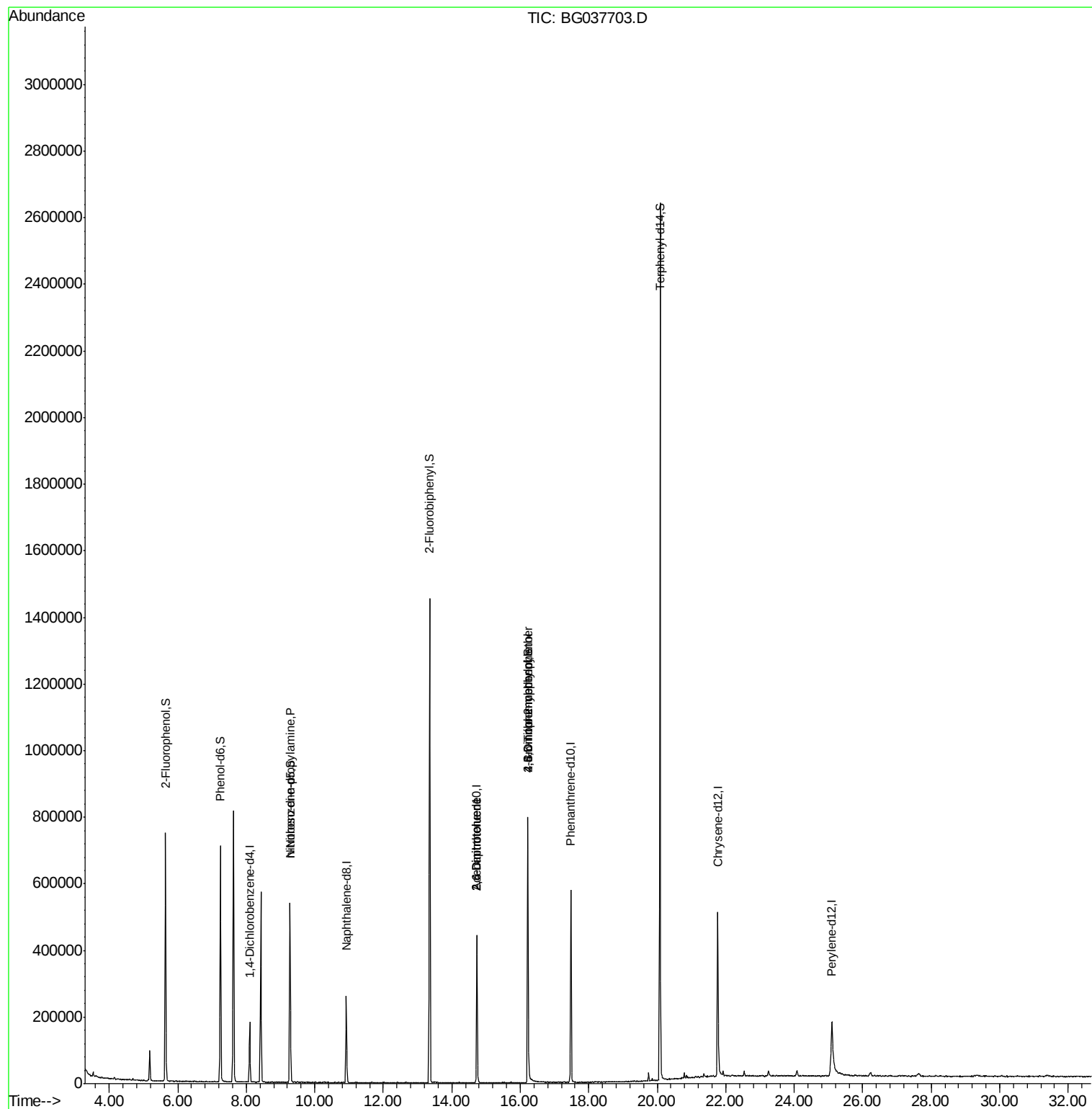
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	54010	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	232514	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	159936	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	386664	20.00	ng	0.00
76) Chrysene-d12	21.77	240	355350	20.00	ng	0.00
87) Perylene-d12	25.10	264	260826	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	351637	108.85	ng	0.00
7) Phenol-d6	7.24	99	459509	94.07	ng	0.00
23) Nitrobenzene-d5	9.27	82	341117	82.18	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	159689	91.54	ng	0.00
45) 2-Fluorobiphenyl	13.35	172	800635	75.49	ng	-0.01
79) Terphenyl-d14	20.08	244	1327582	79.83	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.27	70	42709	12.696	ng	# 72
51) 2,6-Dinitrotoluene	14.73	165	19873	7.260	ng	# 23
57) 2,4-Dinitrotoluene	14.73	165	19873	5.531	ng	# 23
65) 4,6-Dinitro-2-methylphenol	16.22	198	430	8.682	ng	73
67) 4-Bromophenyl-phenylether	16.22	248	11643	2.742	ng	# 1

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

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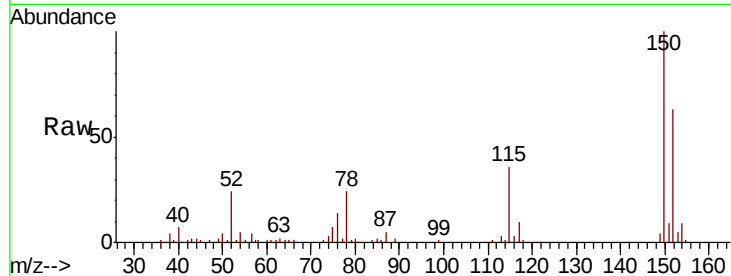


#1

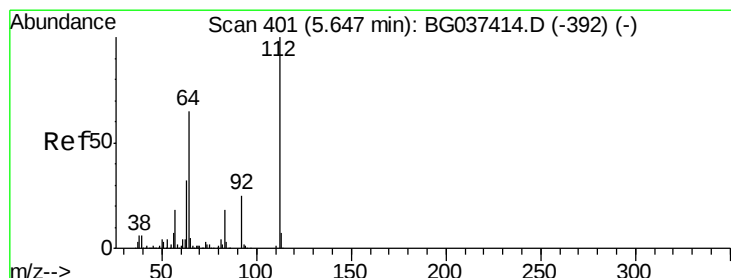
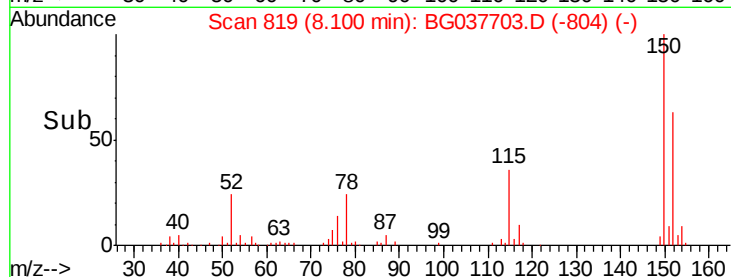
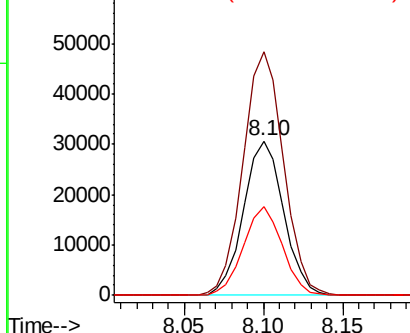
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037703.D
Acq: 1 Nov 2018 4:46

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 54010
Ion Ratio Lower Upper
152 100
150 157.9 126.0 189.0
115 57.3 45.5 68.3



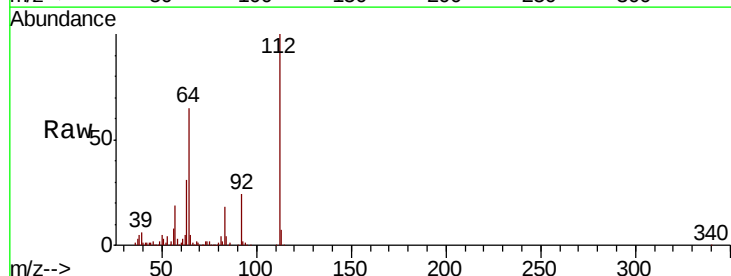
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



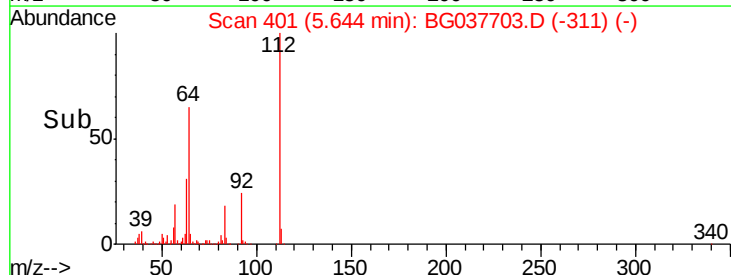
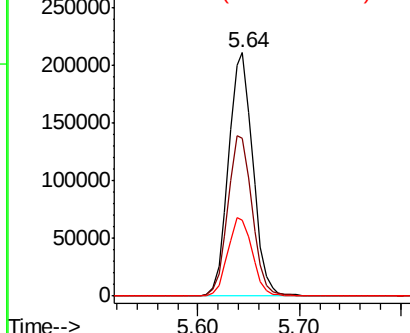
#5

2-Fluorophenol
Concen: 108.848 ng
RT: 5.64 min Scan# 401
Delta R.T. -0.00 min
Lab File: BG037703.D
Acq: 1 Nov 2018 4:46

Tgt Ion:112 Resp: 351637
Ion Ratio Lower Upper
112 100
64 65.1 53.1 79.7
63 30.9 27.3 40.9



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 94.065 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037703.D

Acq: 1 Nov 2018 4:46

Instrument :

BNA_G

ClientSampleId :

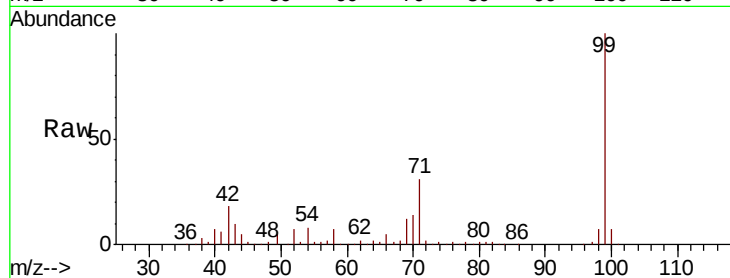
Tot Ion: 99 Resp: 459509

Ion Ratio Lower Upper

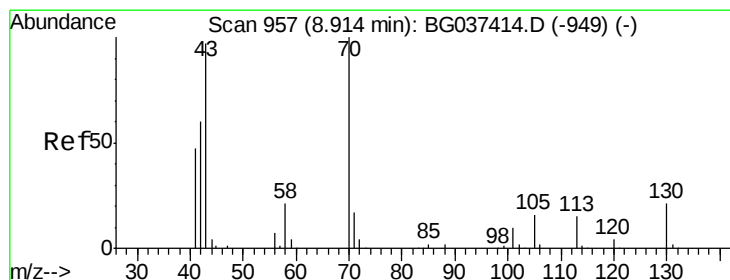
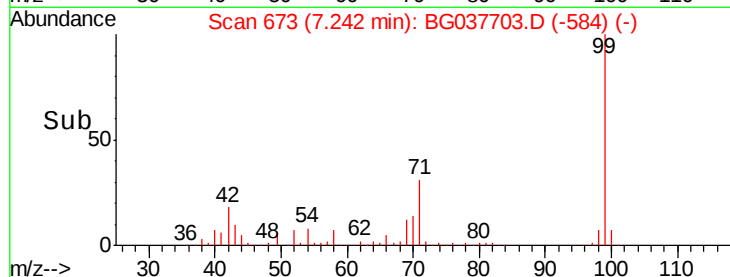
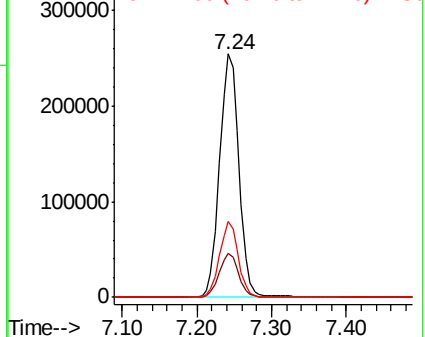
99 100

42 18.0 15.0 22.4

71 31.3 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: 12.696 ng

RT: 9.27 min Scan# 1019

Delta R.T. 0.36 min

Lab File: BG037703.D

Acq: 1 Nov 2018 4:46

Tgt Ion: 70 Resp: 42709

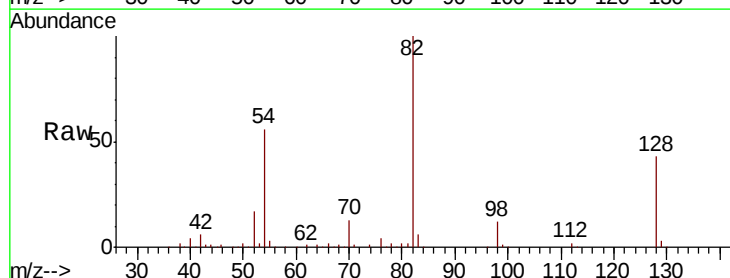
Ion Ratio Lower Upper

70 100

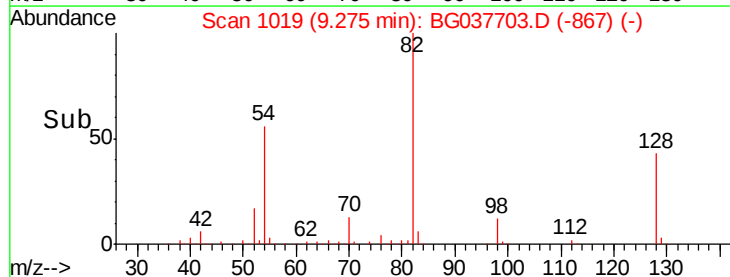
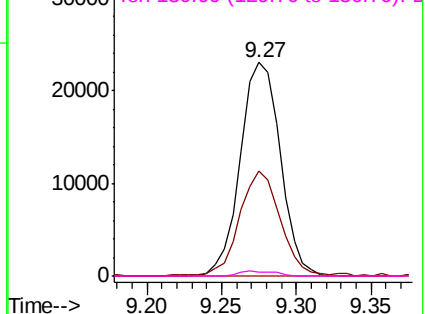
42 48.9 53.9 80.9#

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

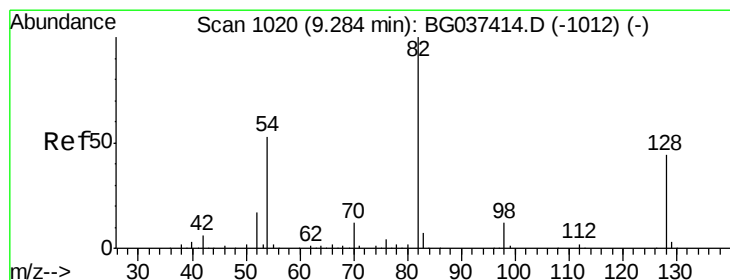
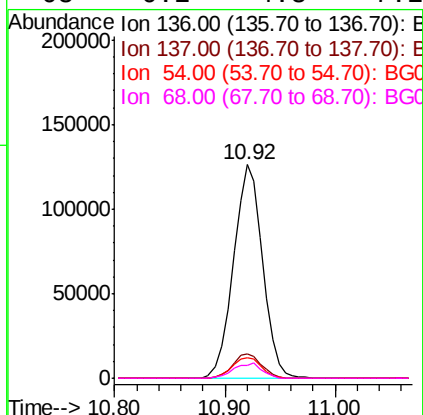
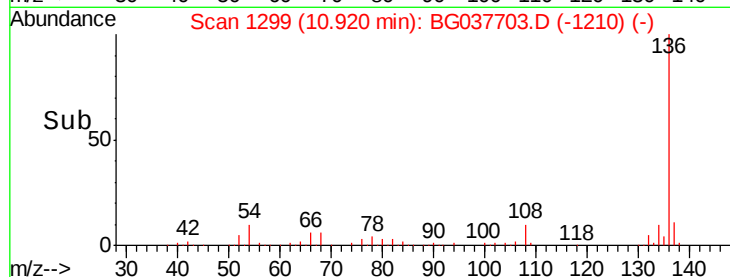
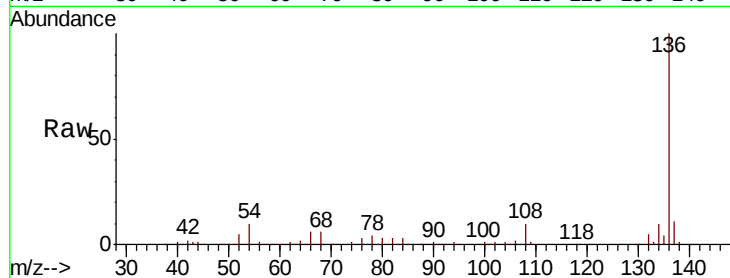




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG037703.D
Acq: 1 Nov 2018 4:46

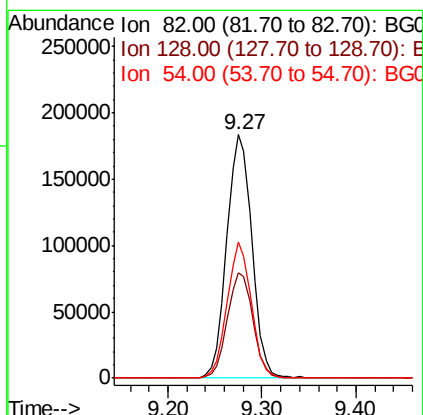
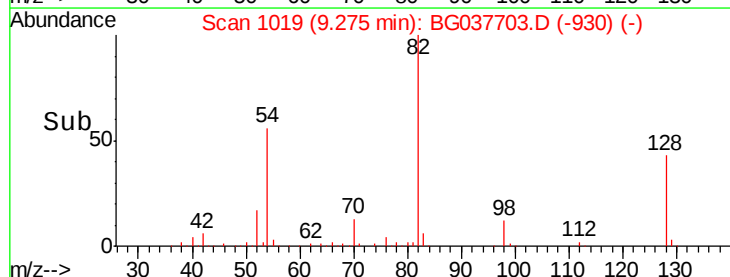
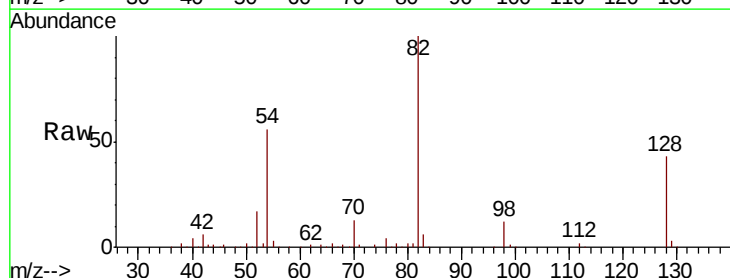
Instrument :
BNA_G
ClientSampleId :

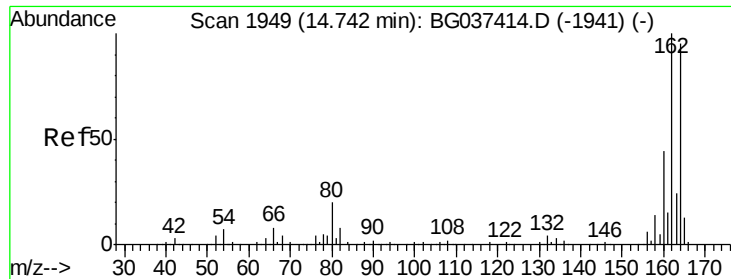
Tot Ion:136	Resp:	232514
Ion Ratio	Lower	Upper
136	100	
137	11.2	9.6 14.4
54	9.8	7.9 11.9
68	6.2	4.8 7.2



#23
Nitrobenzene-d5
Concen: 82.184 ng
RT: 9.27 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG037703.D
Acq: 1 Nov 2018 4:46

Tgt Ion: 82	Resp:	341117
Ion Ratio	Lower	Upper
82	100	
128	43.3	34.6 51.8
54	55.7	45.3 67.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.73 min Scan# 1948

Delta R.T. -0.01 min

Lab File: BG037703.D

Acq: 1 Nov 2018 4:46

Instrument :

BNA_G

ClientSampled :

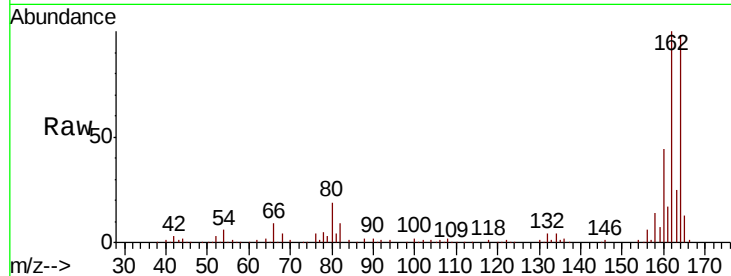
Tot Ion:164 Resp: 159936

Ion Ratio Lower Upper

164 100

162 101.5 81.3 121.9

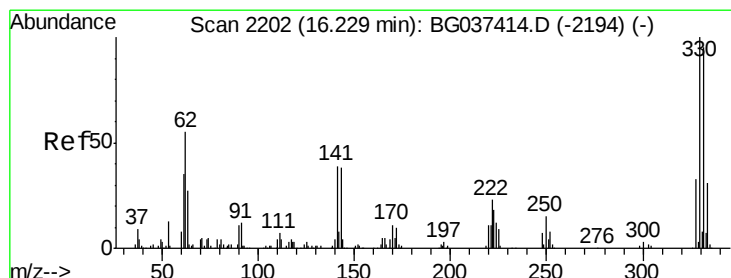
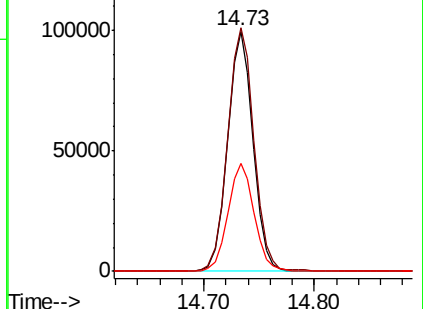
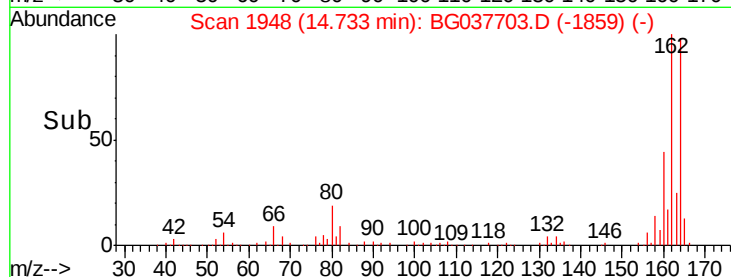
160 44.9 36.3 54.5



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: 91.544 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG037703.D

Acq: 1 Nov 2018 4:46

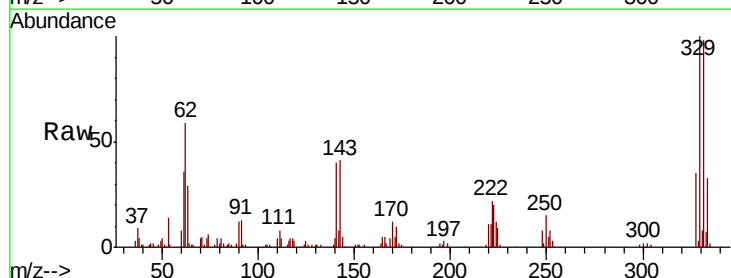
Tgt Ion:330 Resp: 159689

Ion Ratio Lower Upper

330 100

332 96.4 78.4 117.6

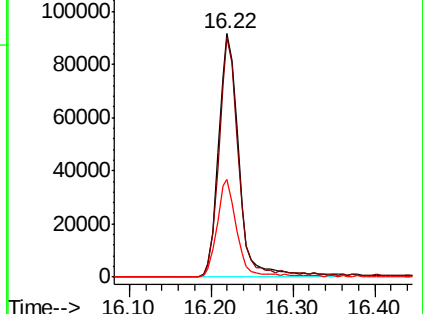
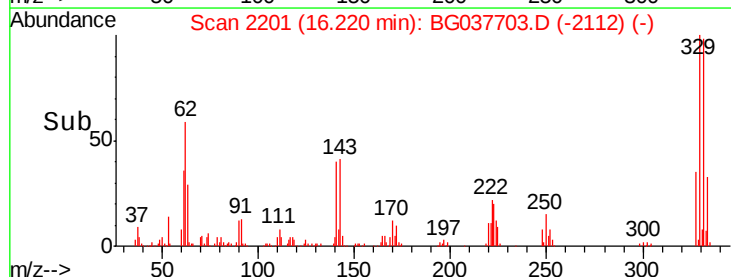
141 38.8 32.2 48.2



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

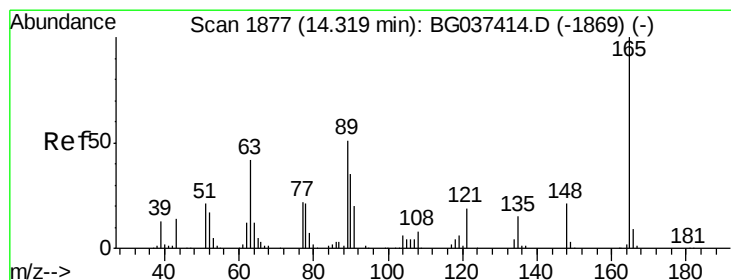
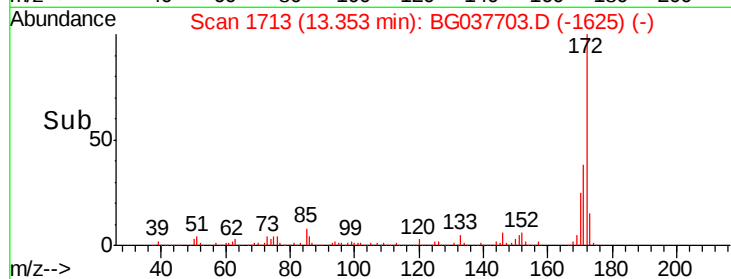
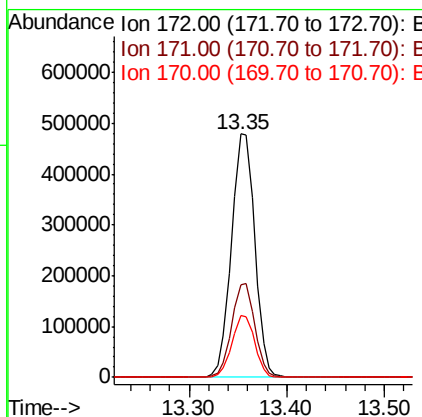
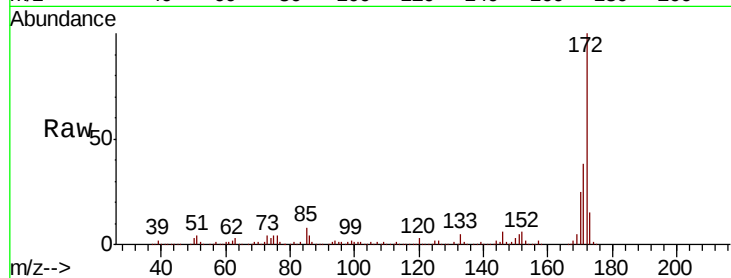




#45
 2-Fluorobiphenyl
 Concen: 75.487 ng
 RT: 13.35 min Scan# 1713
 Delta R.T. -0.01 min
 Lab File: BG037703.D
 Acq: 1 Nov 2018 4:46

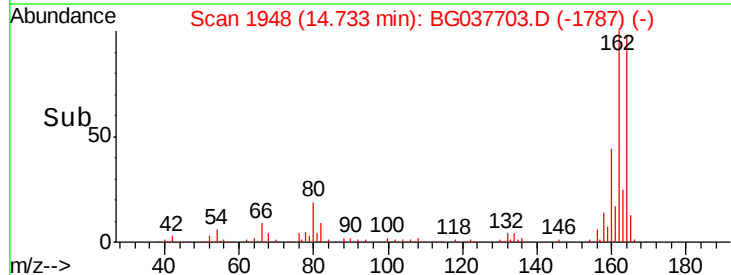
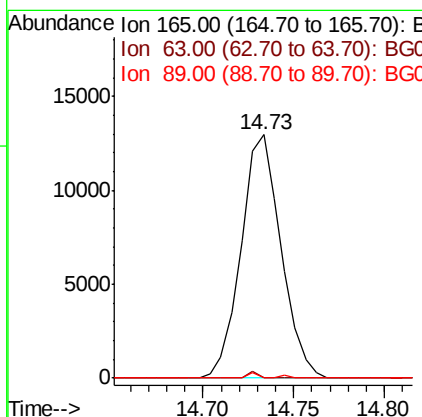
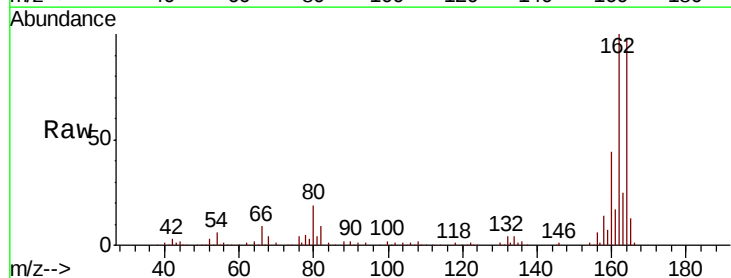
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.0	31.0	46.4
170	25.2	20.2	30.2



#51
 2,6-Dinitrotoluene
 Concen: 7.260 ng
 RT: 14.73 min Scan# 1948
 Delta R.T. 0.41 min
 Lab File: BG037703.D
 Acq: 1 Nov 2018 4:46

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

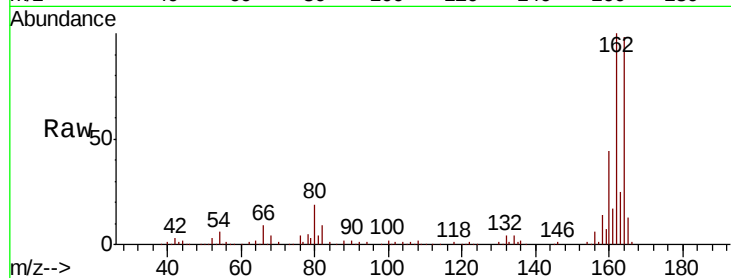




#57
 2,4-Dinitrotoluene
 Concen: 5.531 ng
 RT: 14.73 min Scan# 1948
 Delta R.T. -0.37 min
 Lab File: BG037703.D
 Acq: 1 Nov 2018 4:46

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#

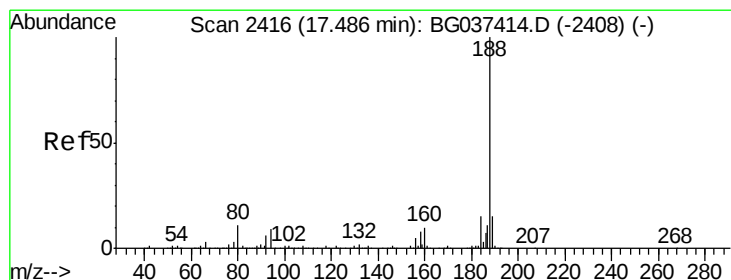
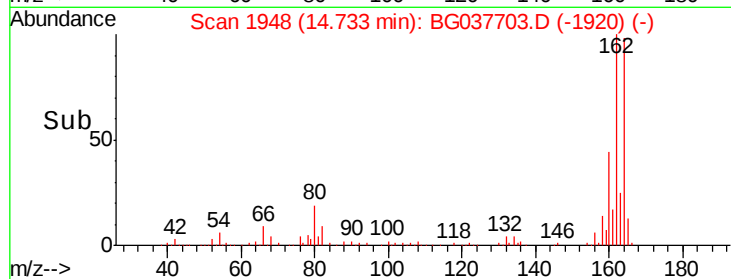
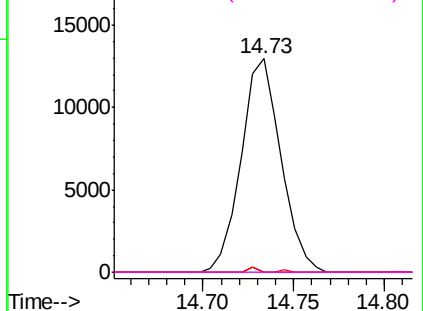


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

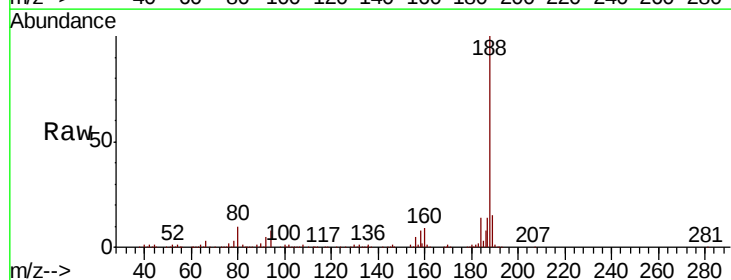
Ion 89.00 (88.70 to 89.70): BGC

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: BG037703.D
 Acq: 1 Nov 2018 4:46

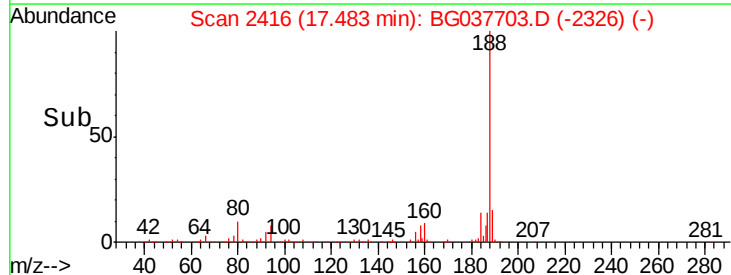
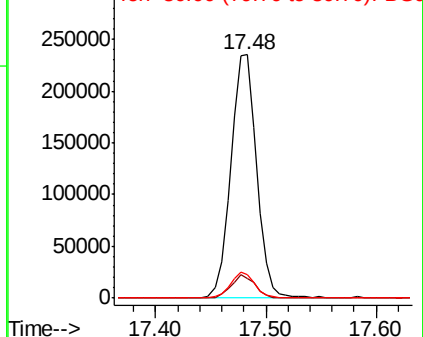
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.1	7.2	10.8
80	9.8	7.7	11.5

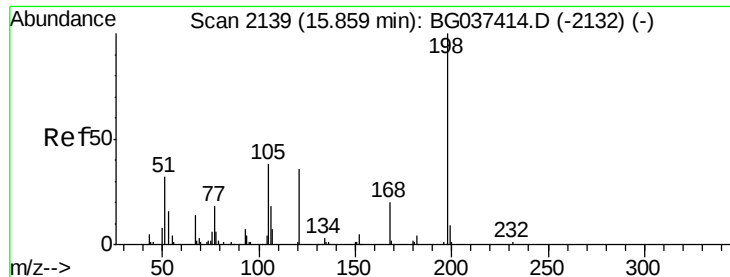


Abundance Ion 188.00 (187.70 to 188.70): E

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: 8.682 ng

RT: 16.22 min Scan# 2201

Delta R.T. 0.36 min

Lab File: BG037703.D

Acq: 1 Nov 2018 4:46

Instrument :

BNA_G

ClientSampleId :

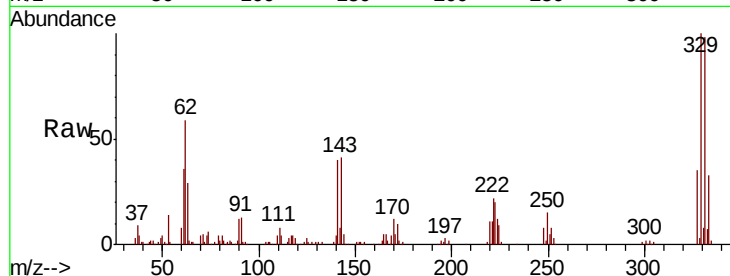
Tot Ion:198 Resp: 430

Ion Ratio Lower Upper

198 100

51 23.4 22.7 62.7

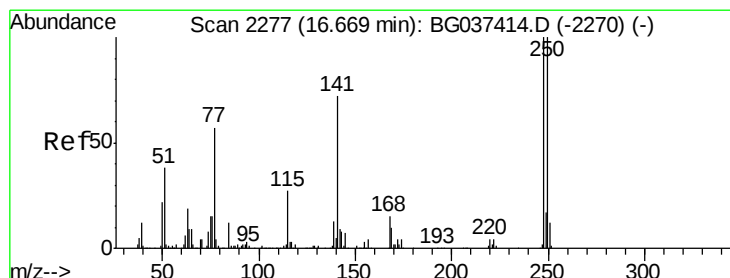
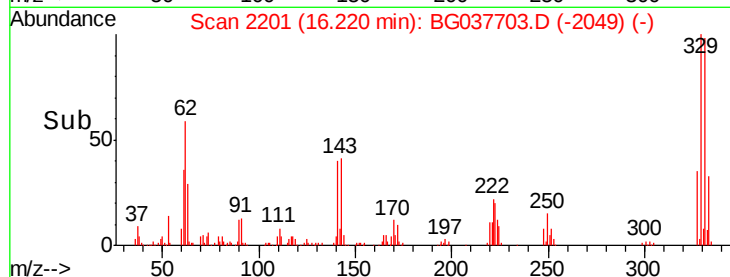
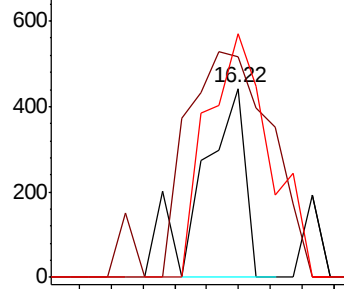
105 25.9 19.7 59.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG0

Ion 105.00 (104.70 to 105.70): E



#67

4-Bromophenyl-phenylether

Concen: 2.742 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.45 min

Lab File: BG037703.D

Acq: 1 Nov 2018 4:46

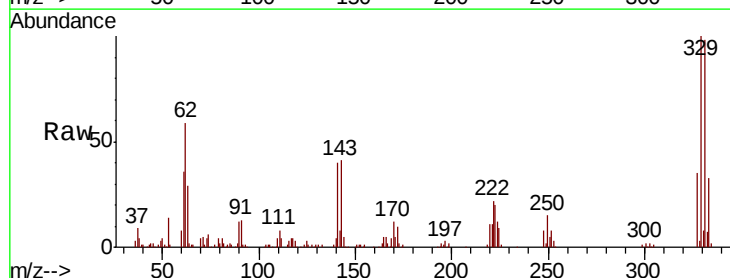
Tgt Ion:248 Resp: 11643

Ion Ratio Lower Upper

248 100

250 196.2 77.0 115.6#

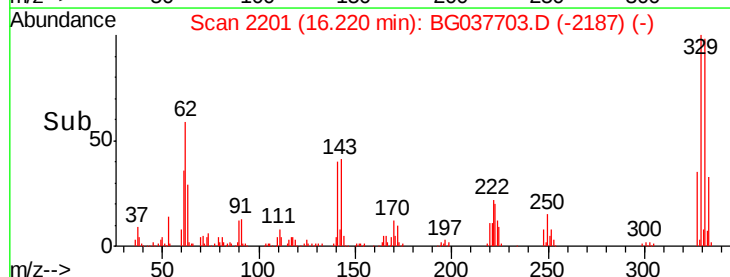
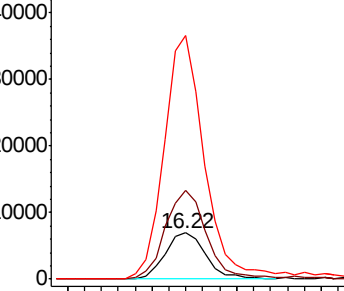
141 408.0 55.5 83.3#

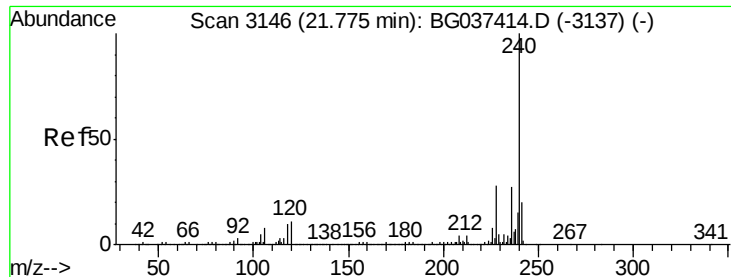


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

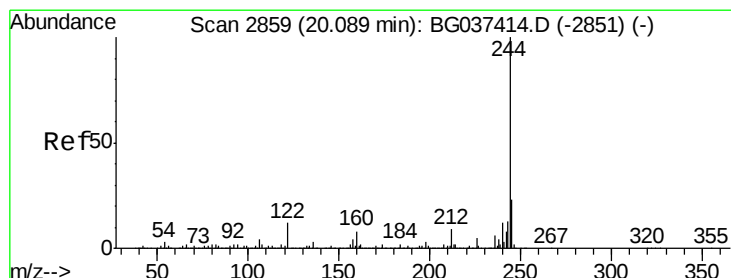
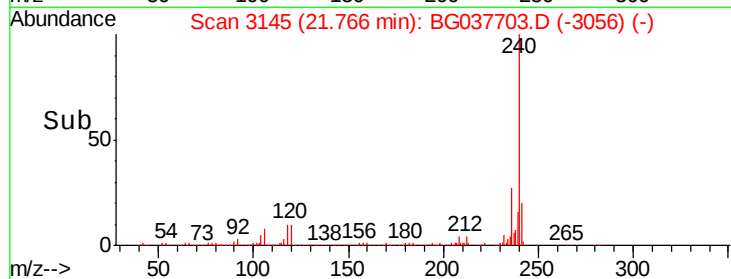
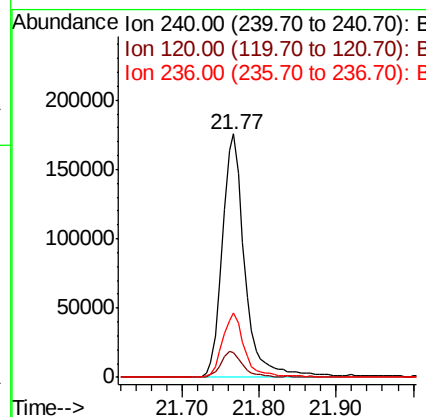
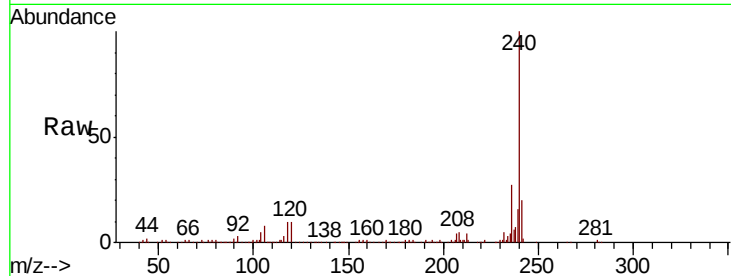




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3145
Delta R.T. -0.01 min
Lab File: BG037703.D
Acq: 1 Nov 2018 4:46

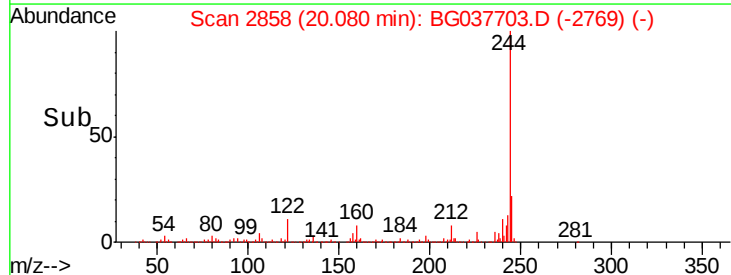
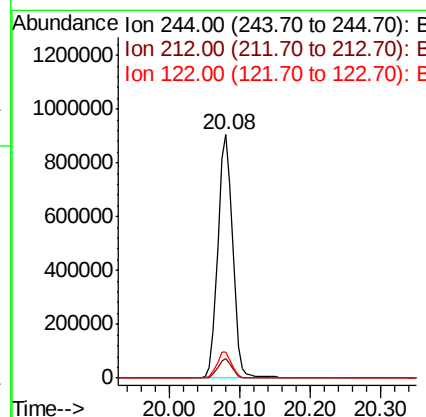
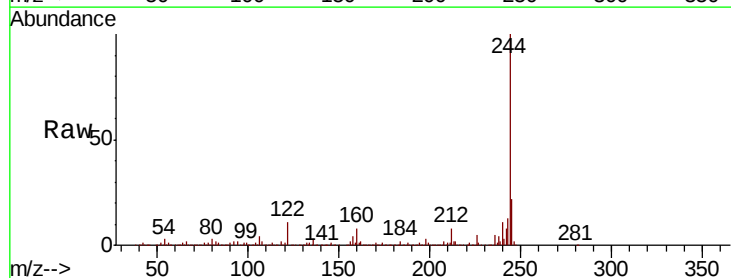
Instrument :
BNA_G
ClientSampled :

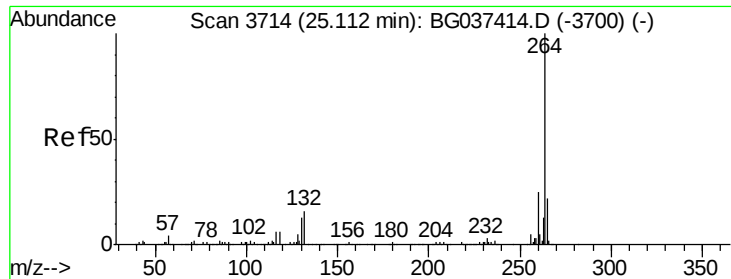
Tot Ion:240 Resp: 355350
Ion Ratio Lower Upper
240 100
120 10.3 8.1 12.1
236 26.7 21.4 32.0



#79
Terphenyl-d14
Concen: 79.829 ng
RT: 20.08 min Scan# 2858
Delta R.T. -0.01 min
Lab File: BG037703.D
Acq: 1 Nov 2018 4:46

Tgt Ion:244 Resp: 1327582
Ion Ratio Lower Upper
244 100
212 8.3 6.5 9.7
122 10.9 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: BG037703.D
Acq: 1 Nov 2018 4:46

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.2	27.4
265	20.5	17.9	26.9

