

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110218\
 Data File : BG037759.D
 Acq On : 2 Nov 2018 18:00
 Operator : JU/SJ
 Sample : J5778-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 03 02:28:25 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

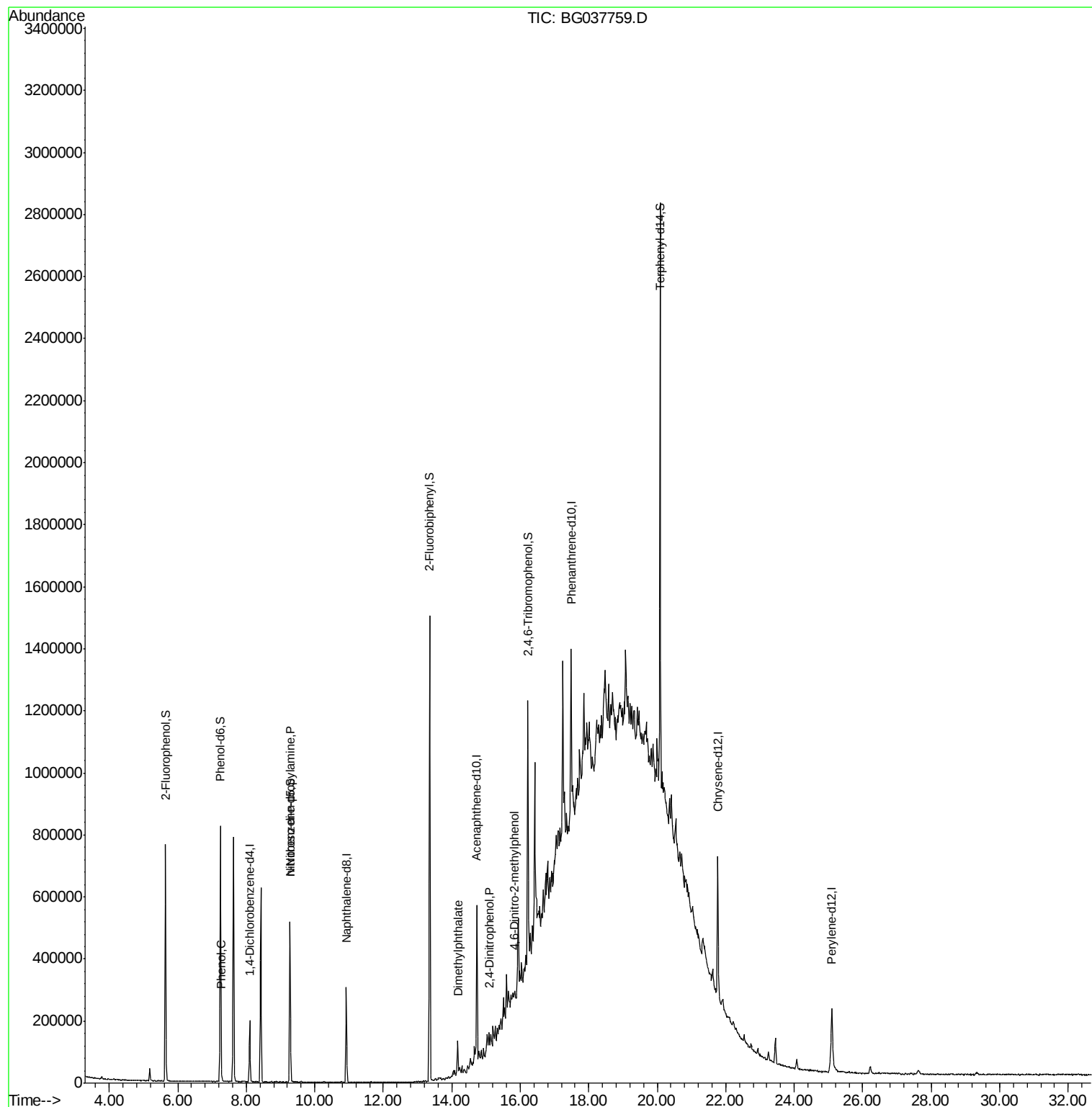
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	60311	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	276004	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	167344	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	316654	20.00	ng	0.00
76) Chrysene-d12	21.77	240	298475	20.00	ng	0.00
87) Perylene-d12	25.10	264	286297	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	364720	101.10	ng	0.00
7) Phenol-d6	7.24	99	536674	98.38	ng	0.00
23) Nitrobenzene-d5	9.27	82	333611	67.71	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	164125	89.92	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	850019	76.60	ng	0.00
79) Terphenyl-d14	20.08	244	953703	68.28	ng	0.00
Target Compounds						
10) Phenol	7.27	94	13473	2.341	ng	88
19) n-Nitroso-di-n-propylamine	9.28	70	42219	11.239	ng	# 66
50) Dimethylphthalate	14.17	163	63479	4.903	ng	99
54) 2,4-Dinitrophenol	15.08	184	61	6.198	ng	# 22
65) 4,6-Dinitro-2-methylphenol	15.81	198	182	8.598	ng	# 1

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

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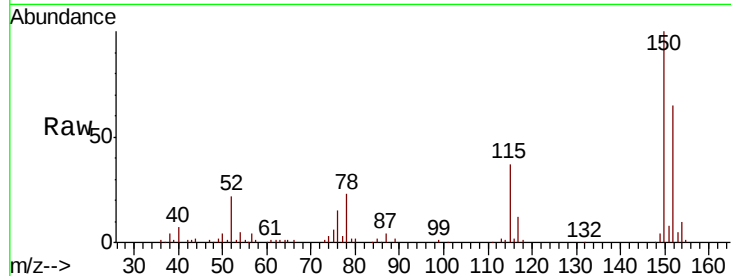


#1

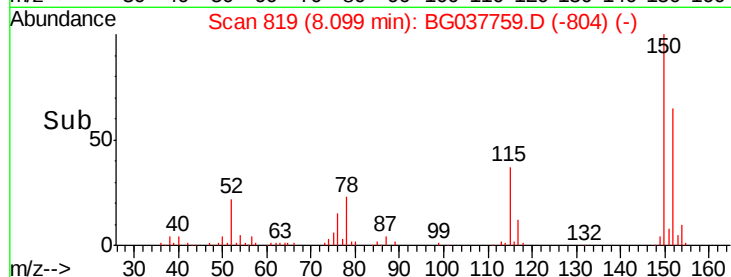
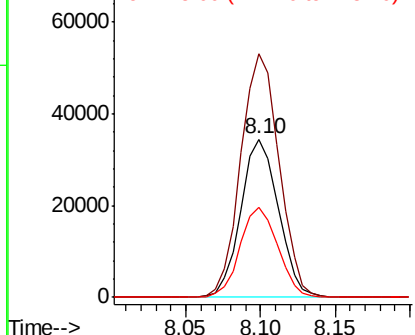
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037759.D
Acq: 2 Nov 2018 18:00

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 60311
Ion Ratio Lower Upper
152 100
150 154.1 126.0 189.0
115 57.4 45.5 68.3



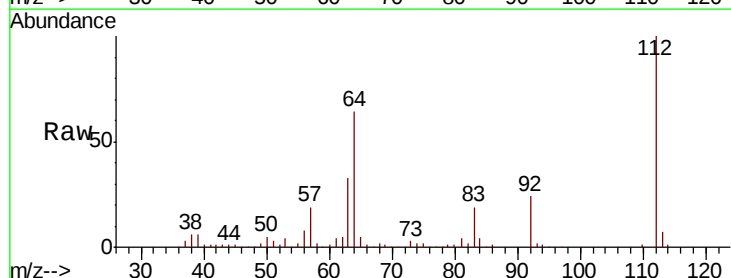
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



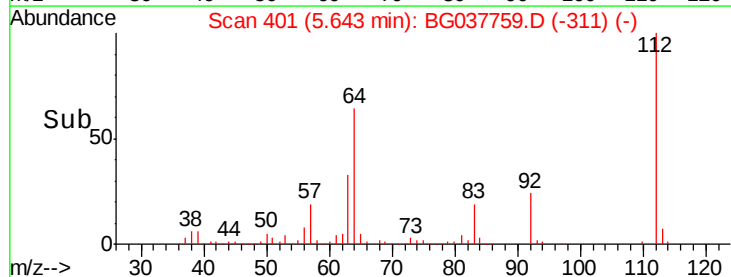
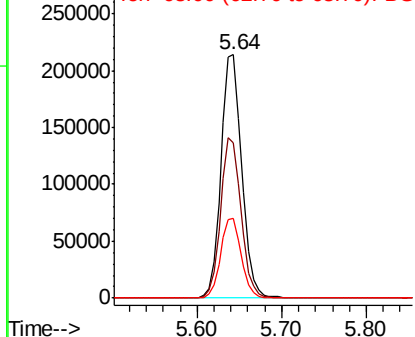
#5

2-Fluorophenol
Concen: 101.102 ng
RT: 5.64 min Scan# 401
Delta R.T. -0.00 min
Lab File: BG037759.D
Acq: 2 Nov 2018 18:00

Tgt Ion:112 Resp: 364720
Ion Ratio Lower Upper
112 100
64 63.6 53.1 79.7
63 32.7 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: 98.384 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037759.D

Acq: 2 Nov 2018 18:00

Instrument :

BNA_G

ClientSampleId :

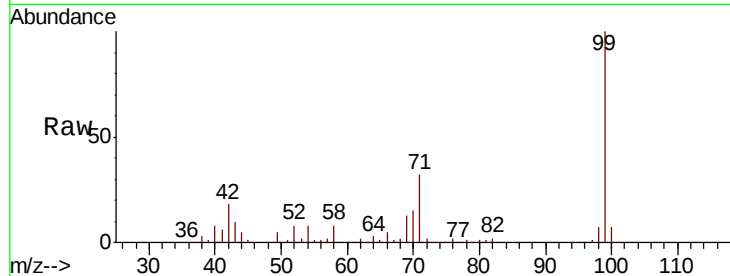
Tot Ion: 99 Resp: 536674

Ion Ratio Lower Upper

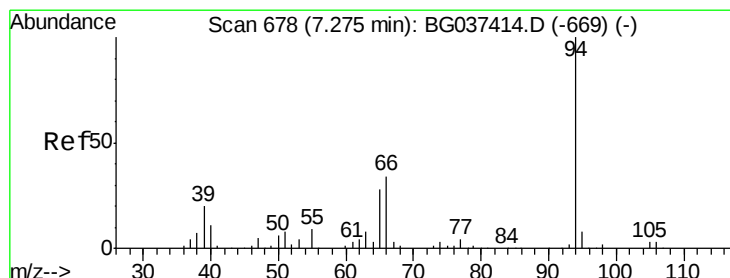
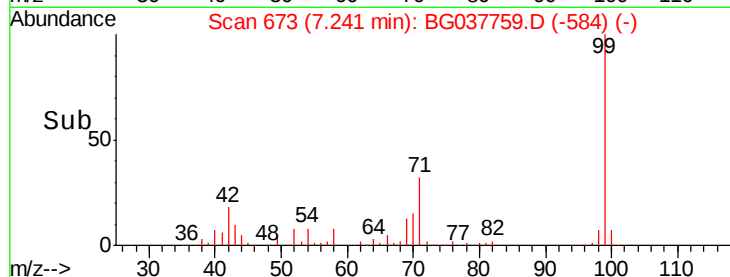
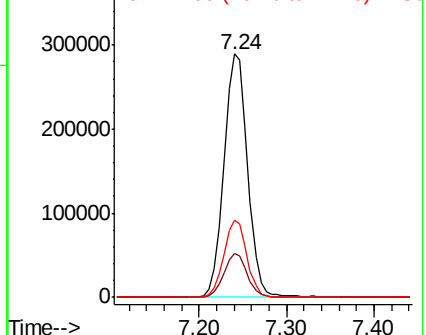
99 100

42 17.9 15.0 22.4

71 31.5 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



#10

Phenol

Concen: 2.341 ng

RT: 7.27 min Scan# 678

Delta R.T. -0.00 min

Lab File: BG037759.D

Acq: 2 Nov 2018 18:00

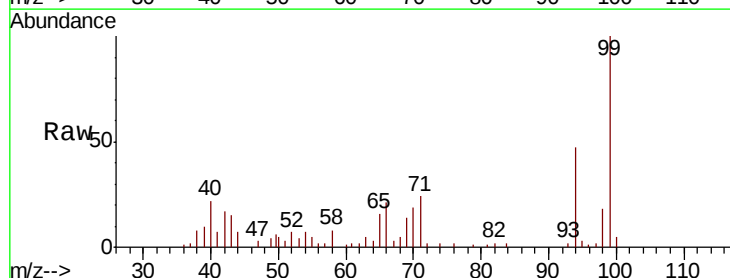
Tgt Ion: 94 Resp: 13473

Ion Ratio Lower Upper

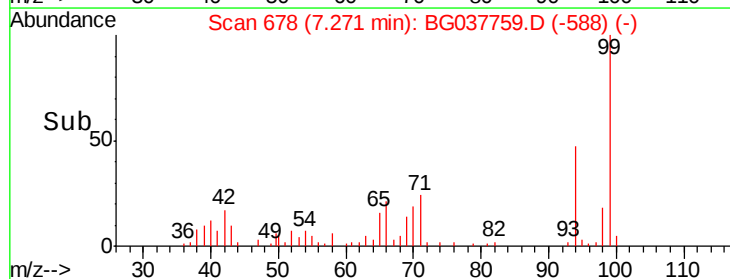
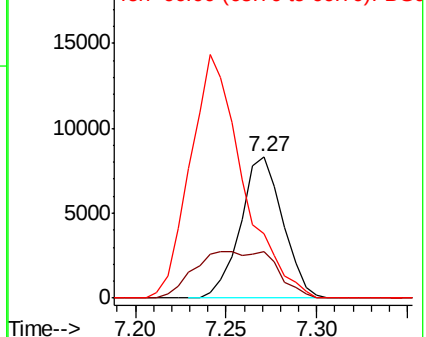
94 100

65 33.2 9.7 49.7

66 45.2 15.9 55.9



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

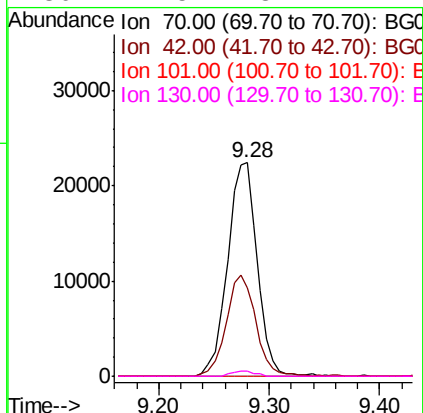
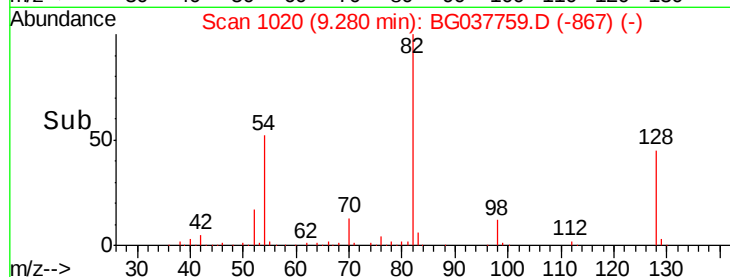
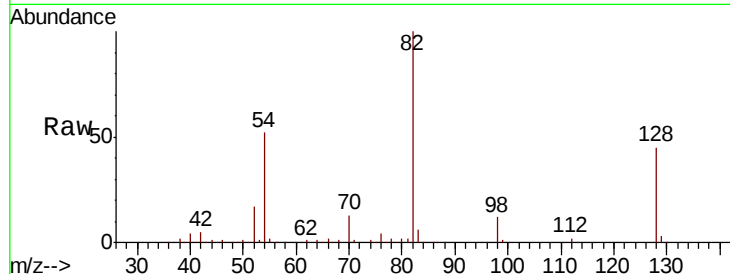




#19
n-Nitroso-di-n-propylamine
Concen: 11.239 ng
RT: 9.28 min Scan# 1020
Delta R.T. 0.37 min
Lab File: BG037759.D
Acq: 2 Nov 2018 18:00

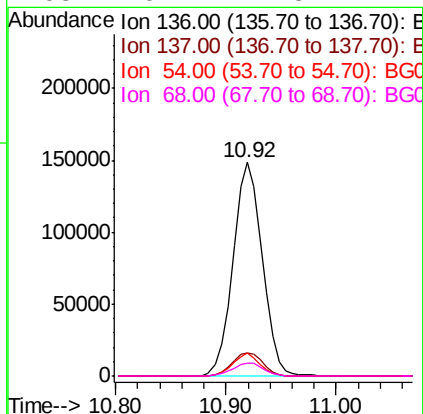
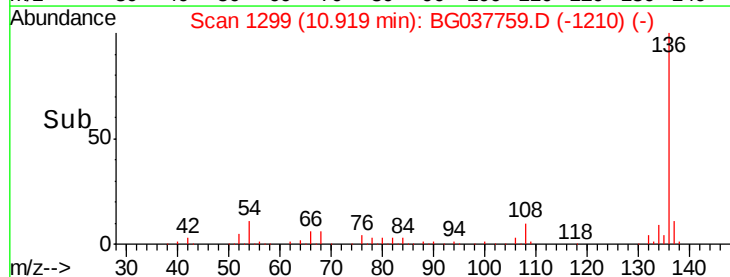
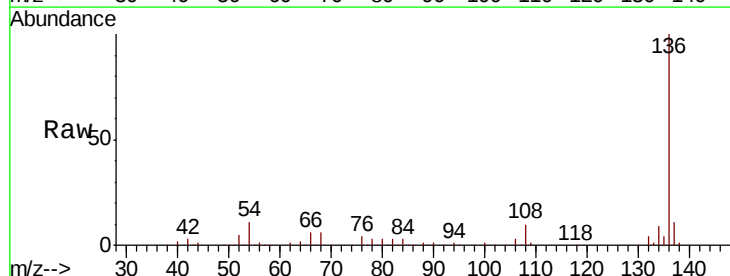
Instrument :
BNA_G
ClientSampleId :

Tot Ion: 70 Resp: 42219
Ion Ratio Lower Upper
70 100
42 41.3 53.9 80.9#
101 0.0 8.2 12.2#
130 2.5 18.2 27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG037759.D
Acq: 2 Nov 2018 18:00

Tgt Ion: 136 Resp: 276004
Ion Ratio Lower Upper
136 100
137 11.1 9.6 14.4
54 10.6 7.9 11.9
68 6.1 4.8 7.2

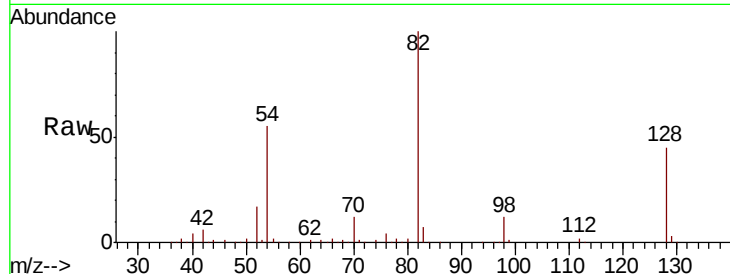




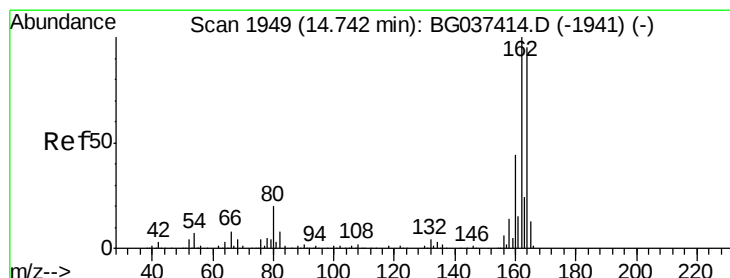
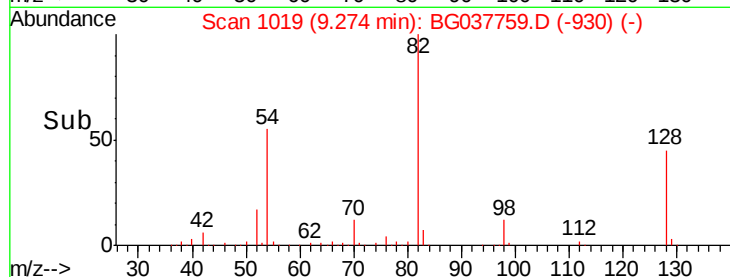
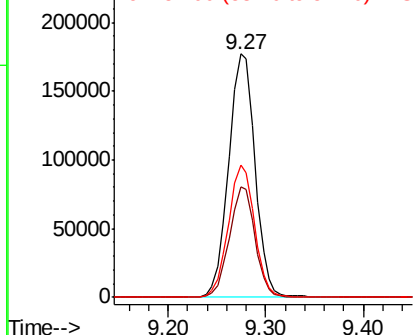
#23
Nitrobenzene-d5
Concen: 67.711 ng
RT: 9.27 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG037759.D
Acq: 2 Nov 2018 18:00

Instrument :
BNA_G
ClientSampled :

Tot Ion	82	Resp	333611
Ion Ratio	Lower	Upper	
82	100		
128	45.2	34.6	51.8
54	54.5	45.3	67.9

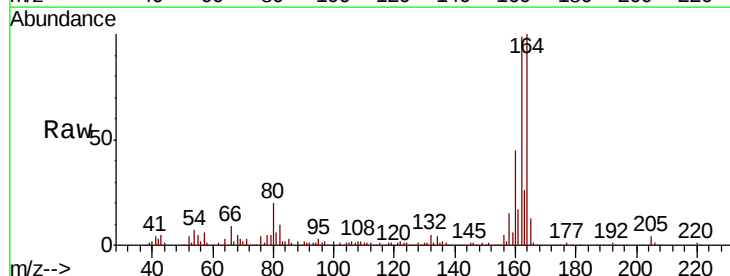


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

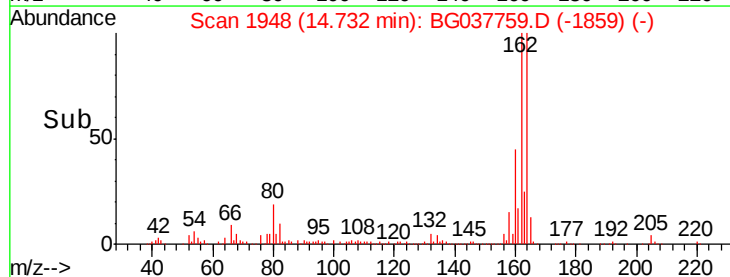
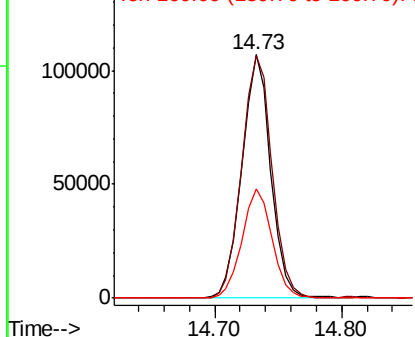


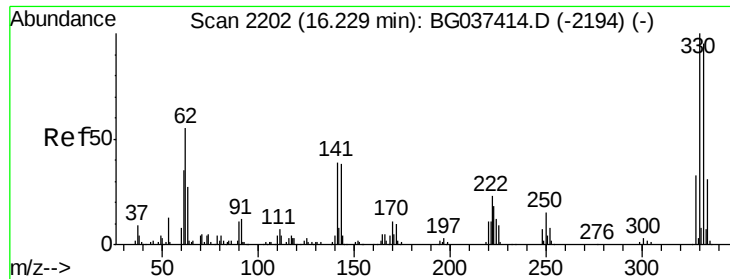
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BG037759.D
Acq: 2 Nov 2018 18:00

Tgt Ion	164	Resp	167344
Ion Ratio	Lower	Upper	
164	100		
162	99.4	81.3	121.9
160	44.8	36.3	54.5



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

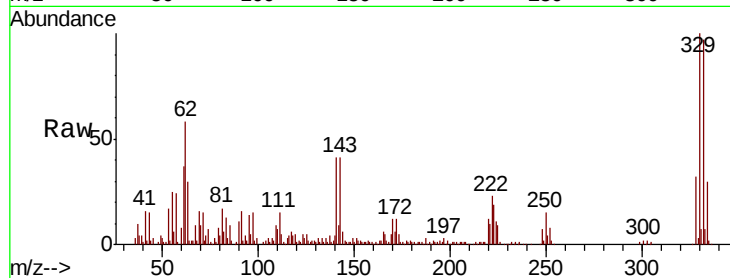




#42
 2,4,6-Tribromophenol
 Concen: 89.922 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. -0.01 min
 Lab File: BG037759.D
 Acq: 2 Nov 2018 18:00

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.1	78.4	117.6
141	37.0	32.2	48.2

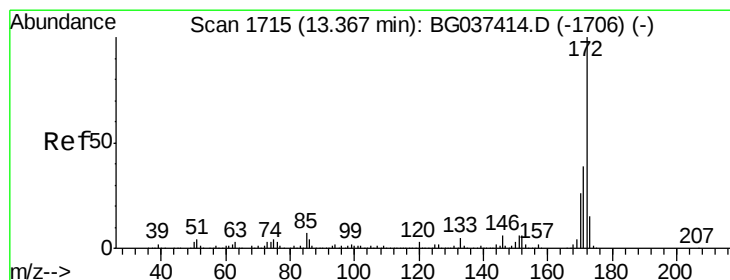
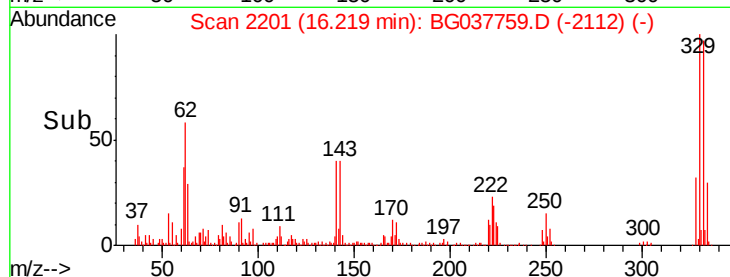
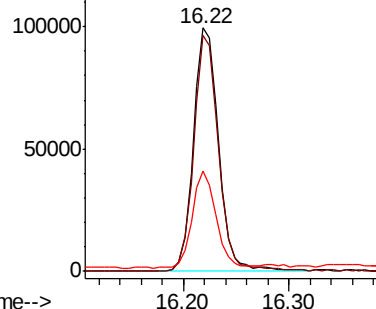


Abundance

Ion 329.80 (329.50 to 330.50): E

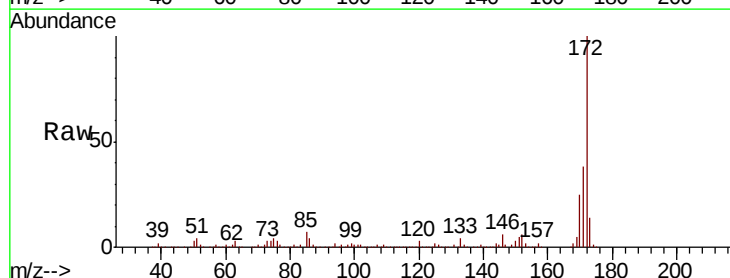
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 76.596 ng
 RT: 13.36 min Scan# 1714
 Delta R.T. -0.01 min
 Lab File: BG037759.D
 Acq: 2 Nov 2018 18:00

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.7	31.0	46.4
170	25.0	20.2	30.2

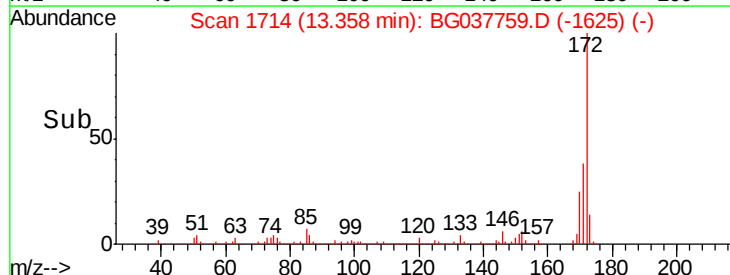
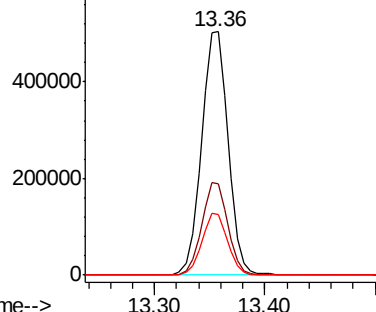


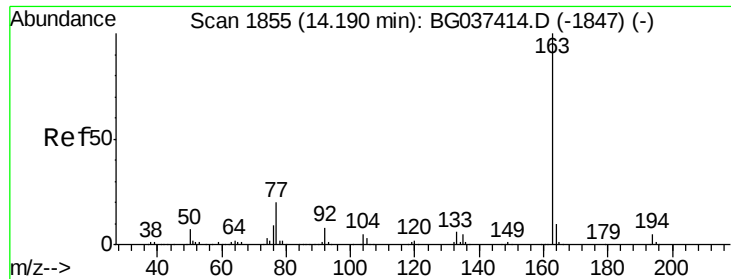
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 4.903 ng

RT: 14.17 min Scan# 1853

Delta R.T. -0.02 min

Lab File: BG037759.D

Acq: 2 Nov 2018 18:00

Instrument :

BNA_G

ClientSampled :

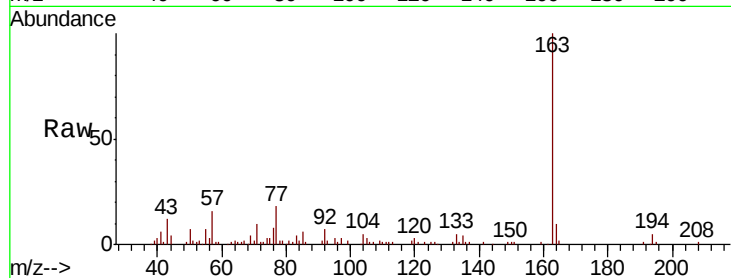
Tot Ion:163 Resp: 63479

Ion Ratio Lower Upper

163 100

194 4.9 3.5 5.3

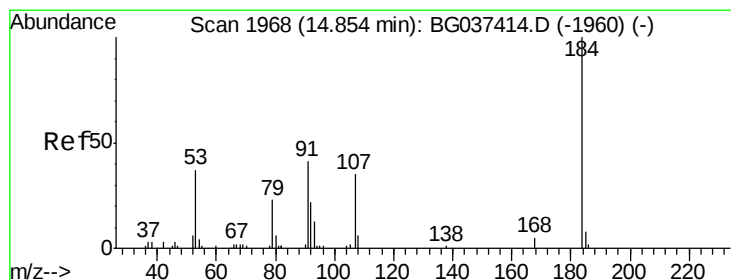
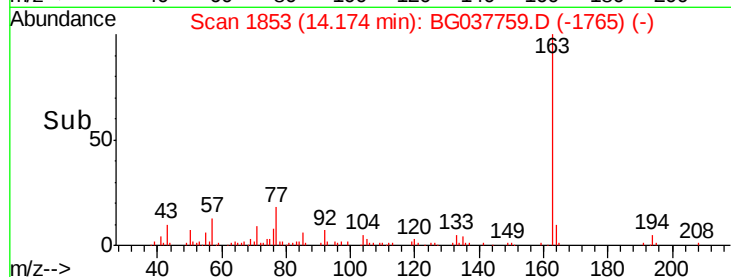
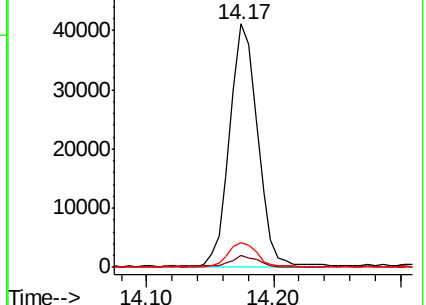
164 10.3 8.5 12.7



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#54

2,4-Dinitrophenol

Concen: 6.198 ng

RT: 15.08 min Scan# 2008

Delta R.T. 0.23 min

Lab File: BG037759.D

Acq: 2 Nov 2018 18:00

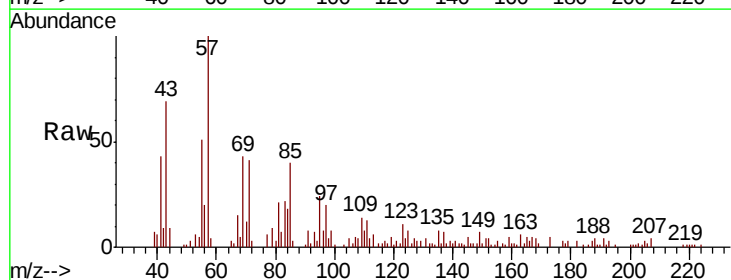
Tgt Ion:184 Resp: 61

Ion Ratio Lower Upper

184 100

63 0.0 42.6 63.8#

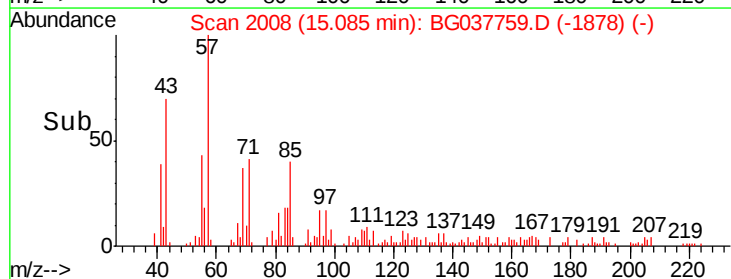
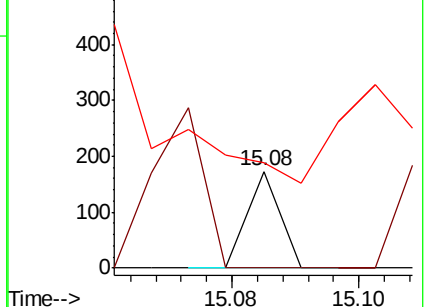
154 109.2 41.8 62.6#

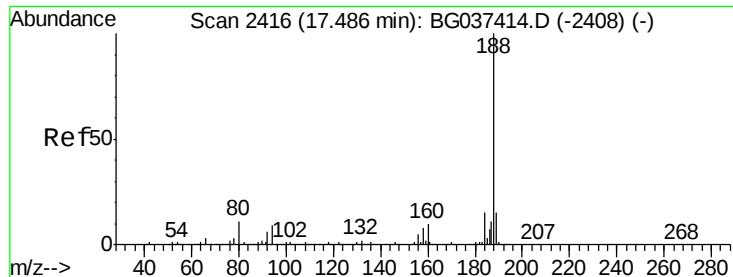


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 154.00 (153.70 to 154.70): E

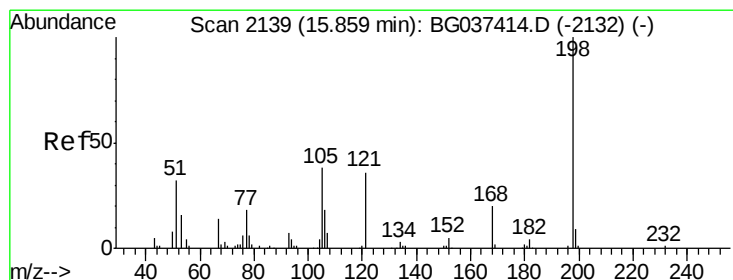
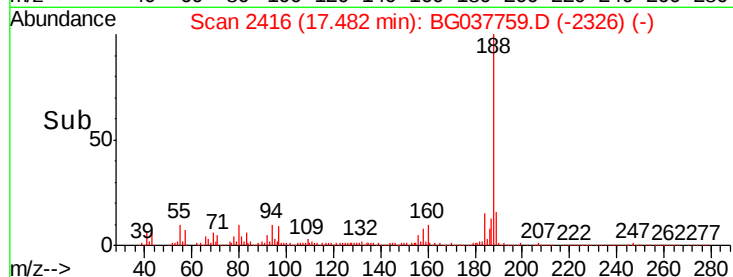
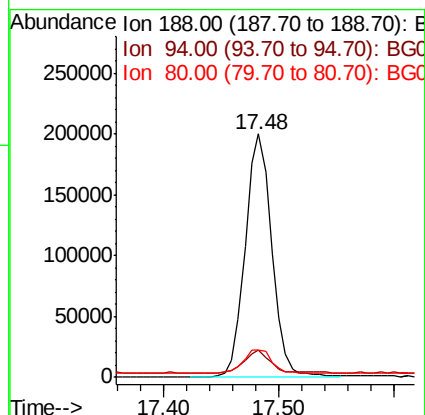
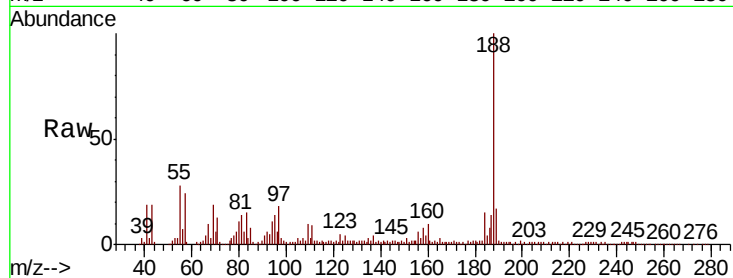




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2416
Delta R.T. -0.00 min
Lab File: BG037759.D
Acq: 2 Nov 2018 18:00

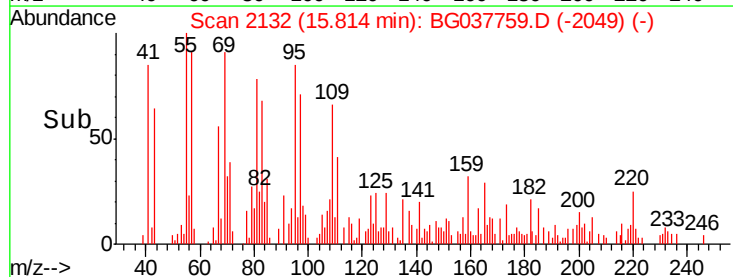
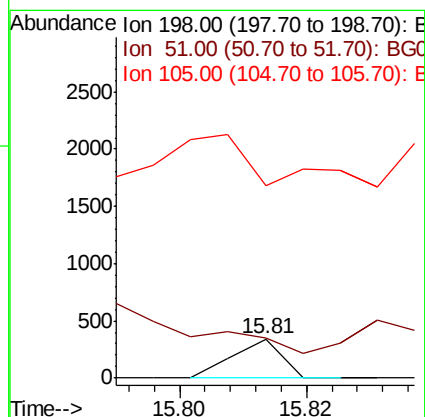
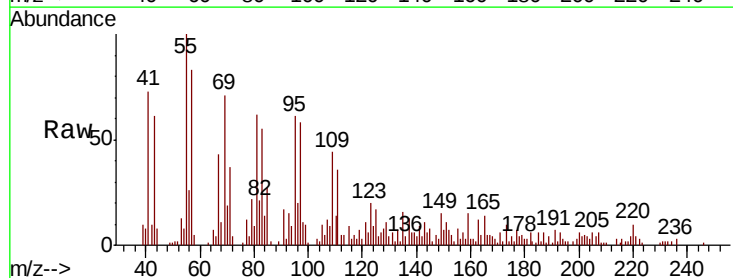
Instrument :
BNA_G
ClientSampleId :

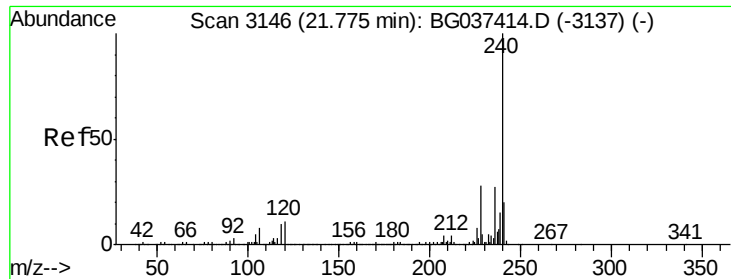
Tot Ion:188 Resp: 316654
Ion Ratio Lower Upper
188 100
94 11.3 7.2 10.8#
80 11.2 7.7 11.5



#65
4,6-Dinitro-2-methylphenol
Concen: 8.598 ng
RT: 15.81 min Scan# 2132
Delta R.T. -0.04 min
Lab File: BG037759.D
Acq: 2 Nov 2018 18:00

Tgt Ion:198 Resp: 182
Ion Ratio Lower Upper
198 100
51 101.2 22.7 62.7#
105 488.7 19.7 59.7#

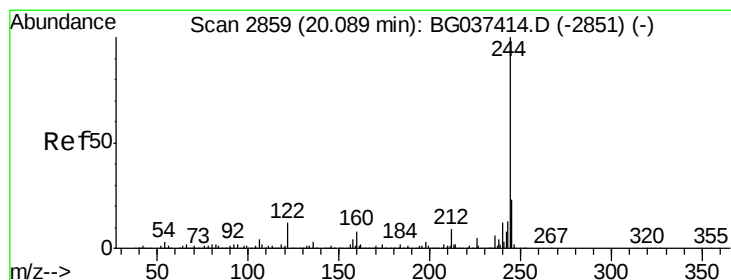
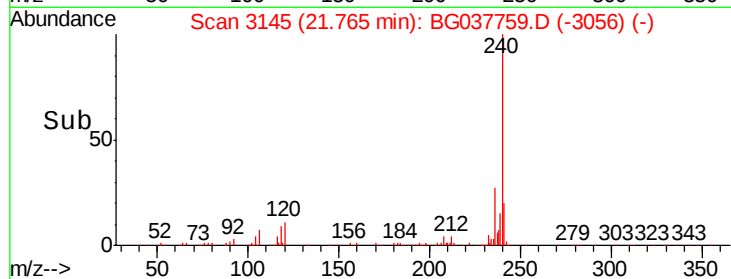
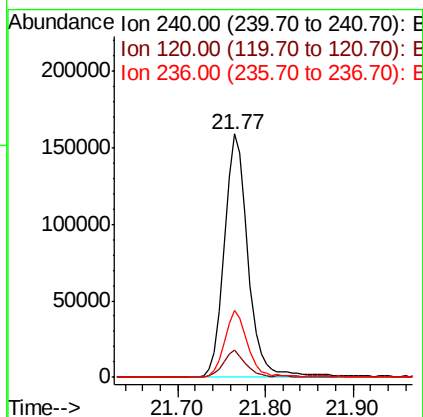
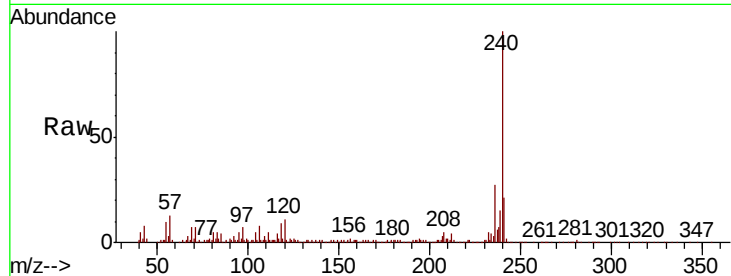




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.77 min Scan# 3145
 Delta R.T. -0.01 min
 Lab File: BG037759.D
 Acq: 2 Nov 2018 18:00

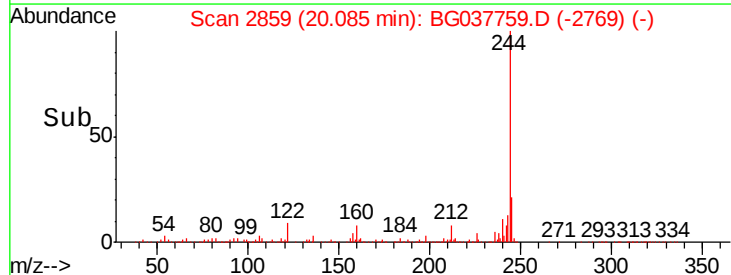
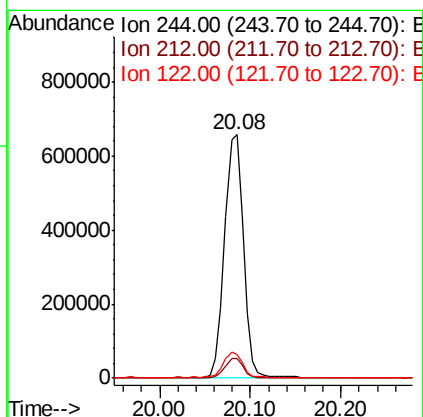
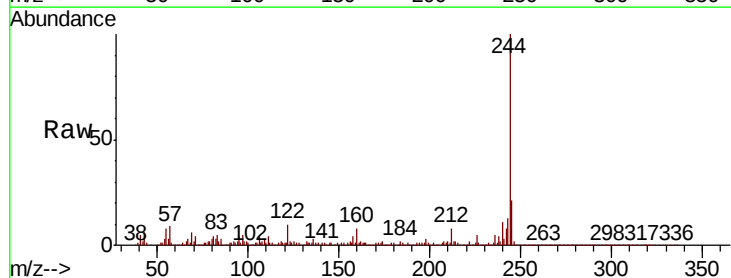
Instrument :
 BNA_G
 ClientSampleId :

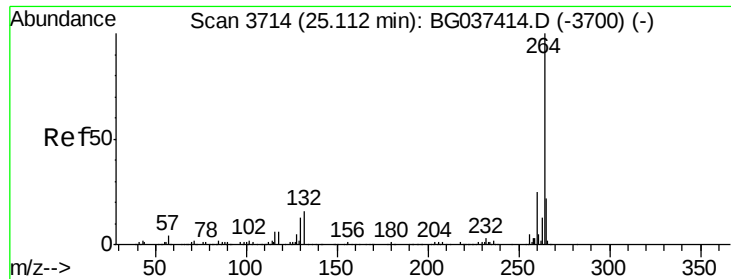
Tot Ion	Ratio	Lower	Upper
240	100		
120	11.3	8.1	12.1
236	27.3	21.4	32.0



#79
 Terphenyl-d14
 Concen: 68.275 ng
 RT: 20.08 min Scan# 2859
 Delta R.T. -0.00 min
 Lab File: BG037759.D
 Acq: 2 Nov 2018 18:00

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.5	9.7
122	9.9	9.0	13.4





#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.10 min Scan# 3712
Delta R.T. -0.02 min
Lab File: BG037759.D
Acq: 2 Nov 2018 18:00

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	264	Resp:	286297
Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.2	27.4
265	21.0	17.9	26.9

