

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110218\
 Data File : BG037767.D
 Acq On : 2 Nov 2018 23:15
 Operator : JU/SJ
 Sample : J5780-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 03 02:31:08 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

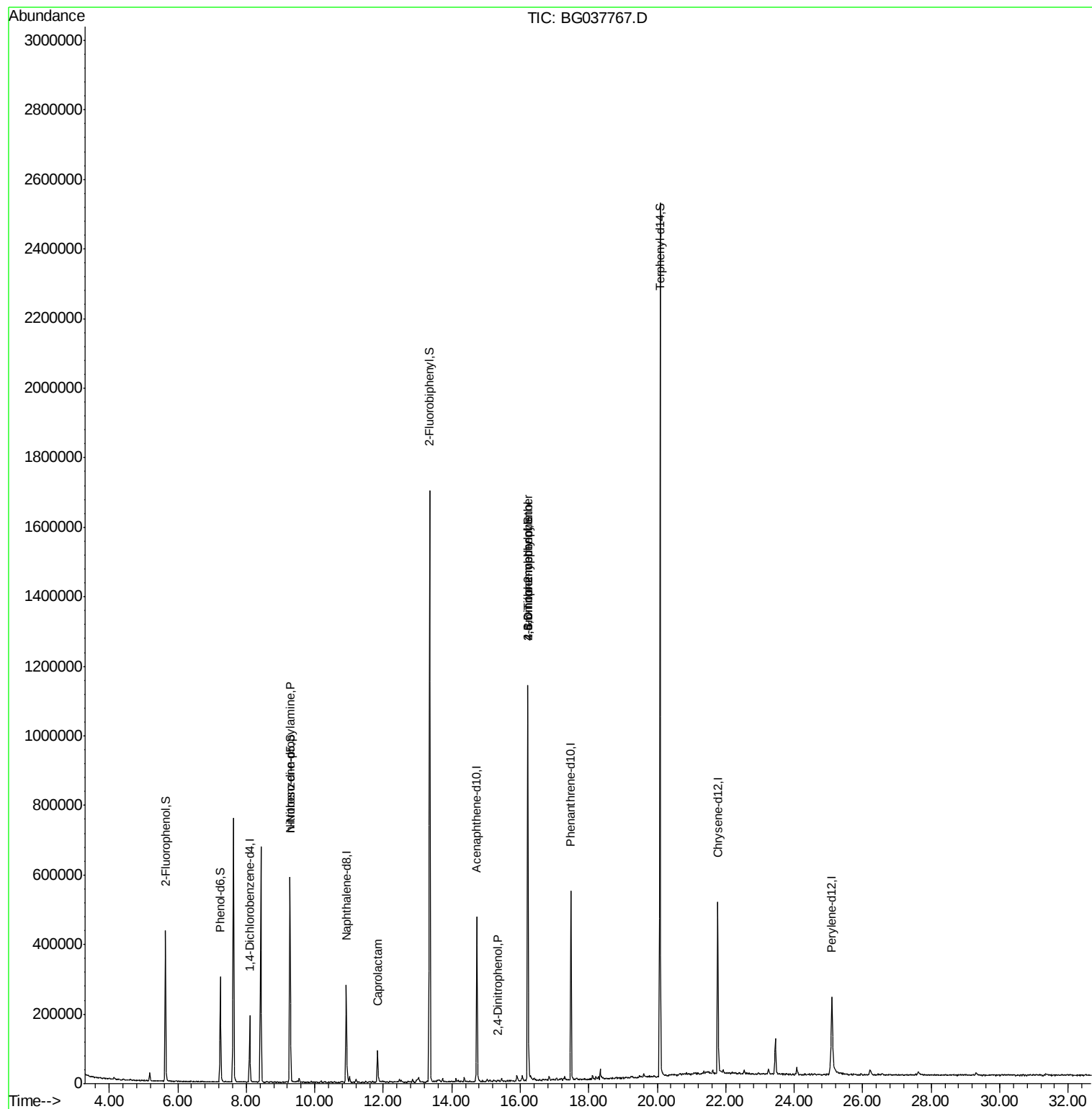
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	56501	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	260470	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	167490	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	359351	20.00	ng	0.00
76) Chrysene-d12	21.77	240	322008	20.00	ng	0.00
87) Perylene-d12	25.10	264	308111	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	203194	60.12	ng	0.00
7) Phenol-d6	7.24	99	199248	38.99	ng	0.00
23) Nitrobenzene-d5	9.27	82	378348	81.37	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	218463	119.59	ng	0.00
45) 2-Fluorobiphenyl	13.35	172	933984	84.09	ng	-0.01
79) Terphenyl-d14	20.08	244	1253830	83.20	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.27	70	46867	13.318	ng	# 68
35) Caprolactam	11.84	113	19635	11.317	ng	# 94
54) 2,4-Dinitrophenol	15.34	184	123	6.294	ng	# 26
65) 4,6-Dinitro-2-methylphenol	16.21	198	257	8.620	ng	# 81
67) 4-Bromophenyl-phenylether	16.22	248	14794	3.749	ng	# 1

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

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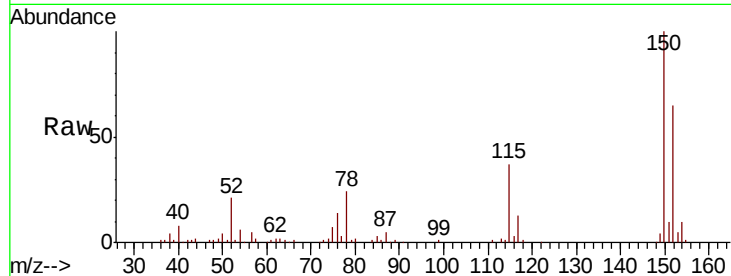


#1

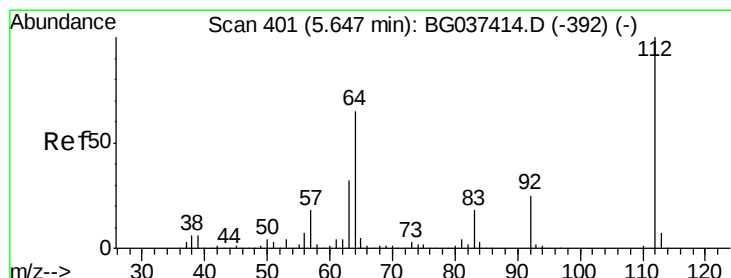
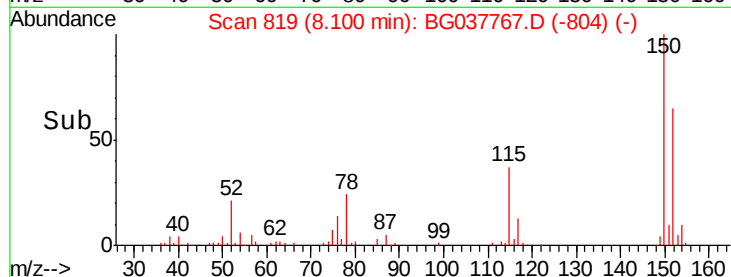
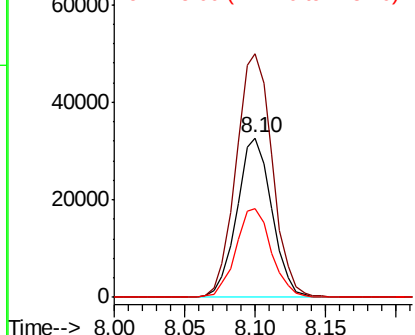
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037767.D
Acq: 2 Nov 2018 23:15

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 56501
Ion Ratio Lower Upper
152 100
150 152.9 126.0 189.0
115 56.0 45.5 68.3



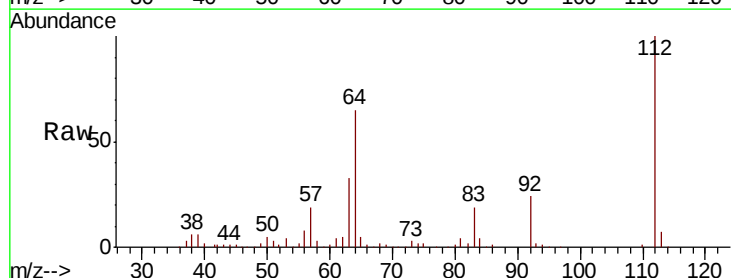
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



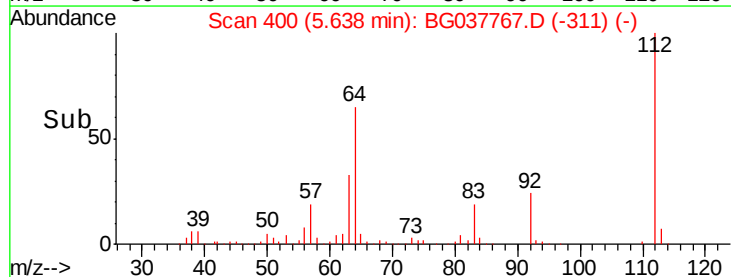
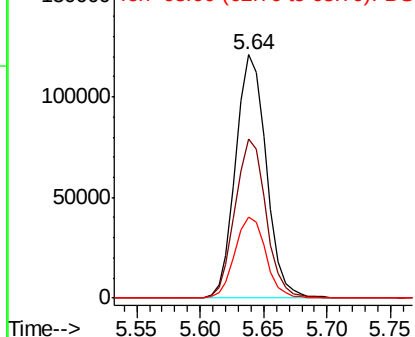
#5

2-Fluorophenol
Concen: 60.125 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG037767.D
Acq: 2 Nov 2018 23:15

Tgt Ion:112 Resp: 203194
Ion Ratio Lower Upper
112 100
64 65.5 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: 38.990 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037767.D

Acq: 2 Nov 2018 23:15

Instrument :

BNA_G

ClientSampled :

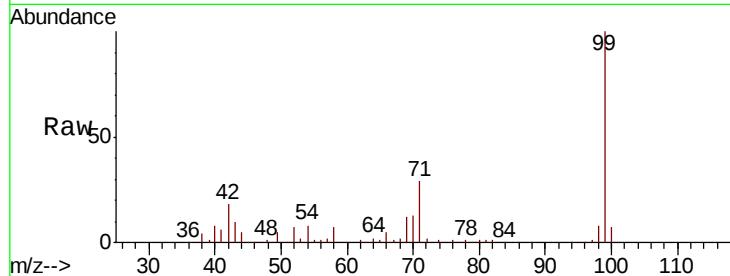
Tot Ion: 99 Resp: 199248

Ion Ratio Lower Upper

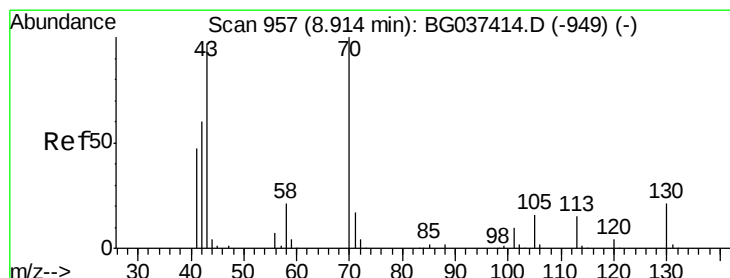
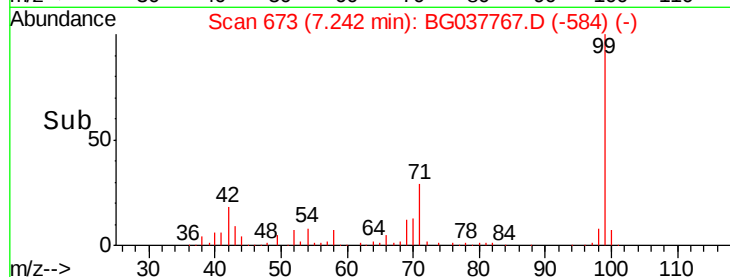
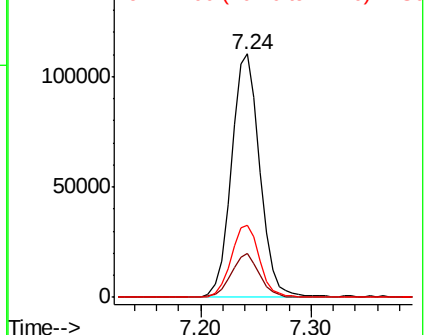
99 100

42 17.9 15.0 22.4

71 29.4 25.5 38.3



Abundance Ion 99.00 (98.70 to 99.70): BGC
150000 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: 13.318 ng

RT: 9.27 min Scan# 1019

Delta R.T. 0.36 min

Lab File: BG037767.D

Acq: 2 Nov 2018 23:15

Tgt Ion: 70 Resp: 46867

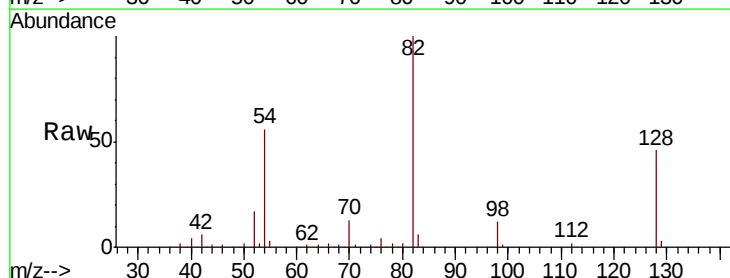
Ion Ratio Lower Upper

70 100

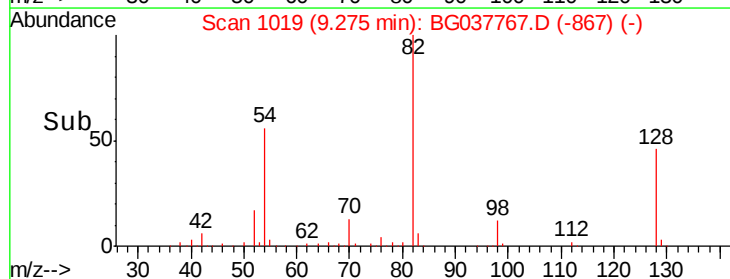
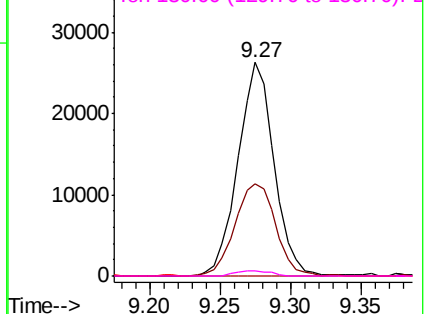
42 43.4 53.9 80.9#

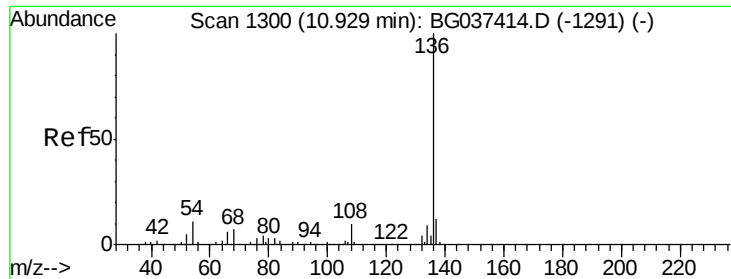
101 0.0 8.2 12.2#

130 2.4 18.2 27.4#



Abundance Ion 70.00 (69.70 to 70.70): BGC
40000 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

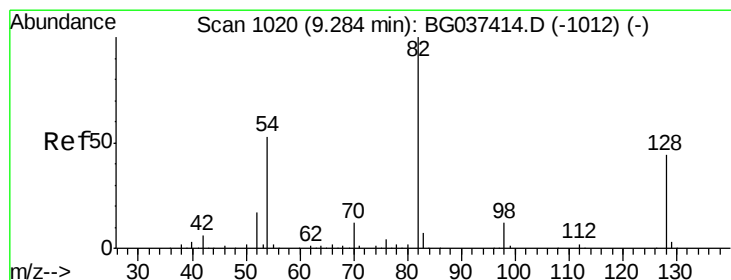
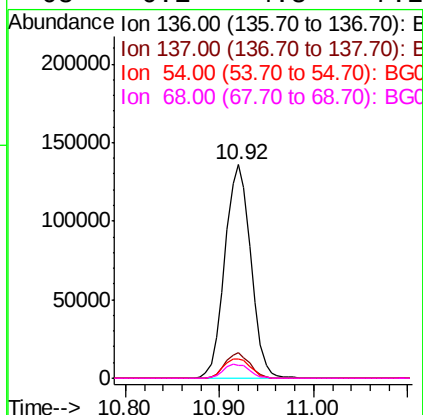
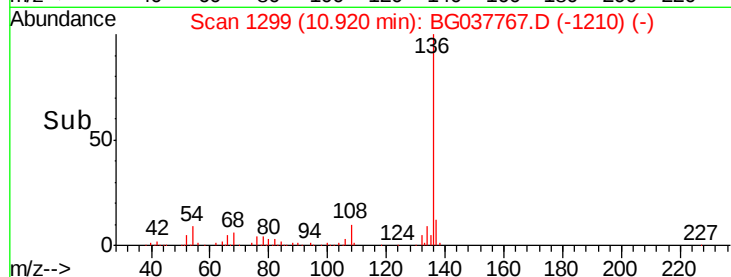
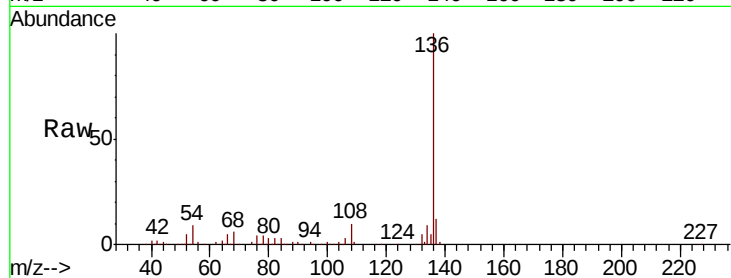




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG037767.D
Acq: 2 Nov 2018 23:15

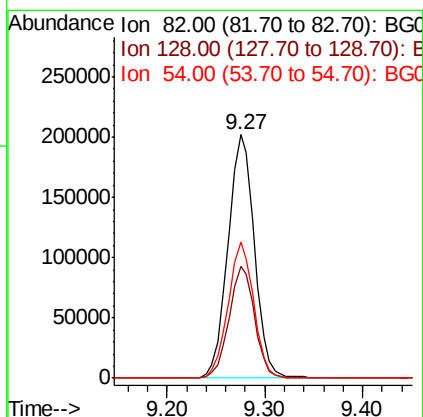
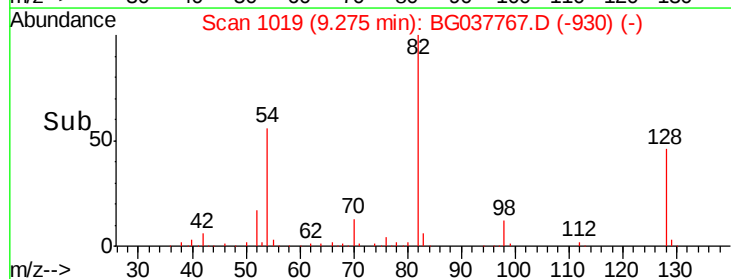
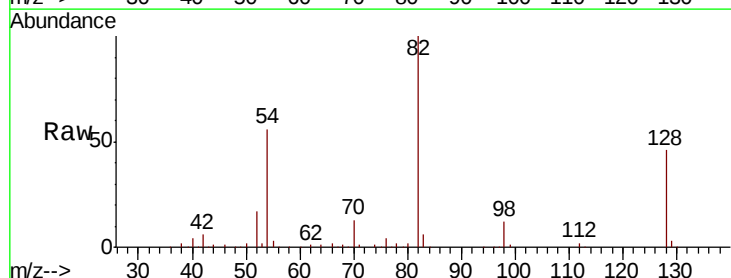
Instrument :
BNA_G
ClientSampleId :

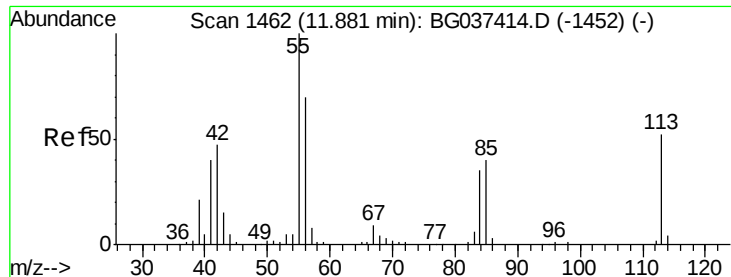
Tot Ion:136	Resp:	260470
Ion Ratio	Lower	Upper
136 100		
137 12.2	9.6	14.4
54 9.0	7.9	11.9
68 6.1	4.8	7.2



#23
Nitrobenzene-d5
Concen: 81.371 ng
RT: 9.27 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG037767.D
Acq: 2 Nov 2018 23:15

Tgt Ion: 82	Resp: 378348
Ion Ratio	Lower Upper
82 100	
128 45.7	34.6 51.8
54 55.7	45.3 67.9





#35

Caprolactam

Concen: 11.317 ng

RT: 11.84 min Scan# 1455

Delta R.T. -0.04 min

Lab File: BG037767.D

Acq: 2 Nov 2018 23:15

Instrument :

BNA_G

ClientSampled :

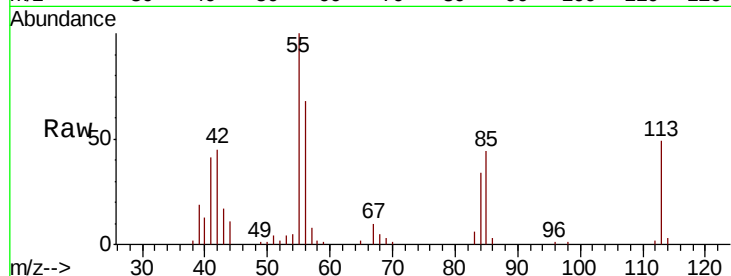
Tot Ion:113 Resp: 19635

Ion Ratio Lower Upper

113 100

55 206.1 176.6 216.6

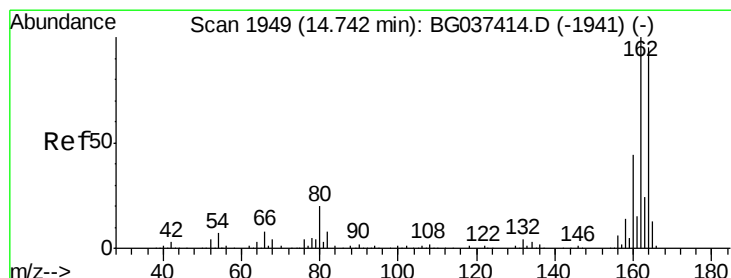
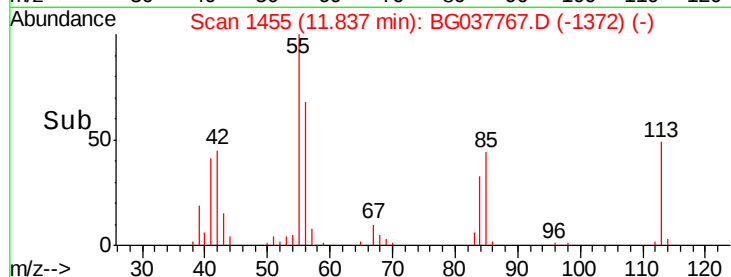
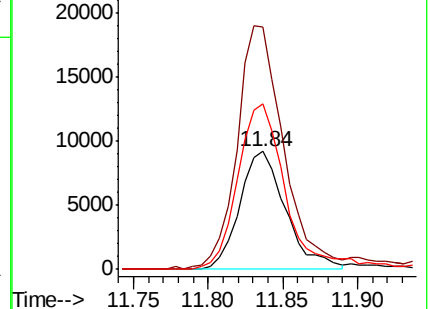
56 140.8 128.3 168.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.73 min Scan# 1948

Delta R.T. -0.01 min

Lab File: BG037767.D

Acq: 2 Nov 2018 23:15

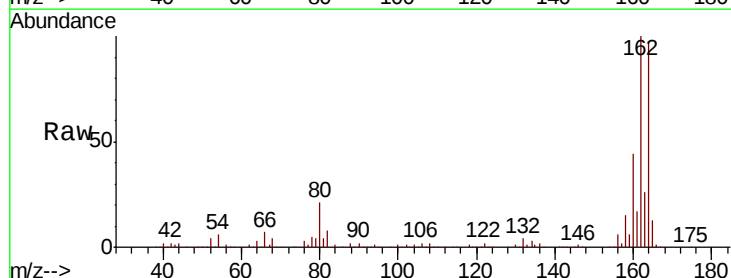
Tgt Ion:164 Resp: 167490

Ion Ratio Lower Upper

164 100

162 103.0 81.3 121.9

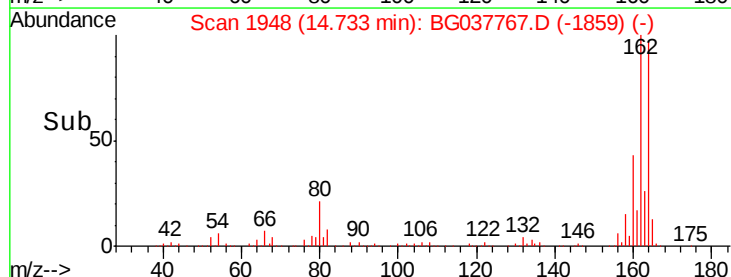
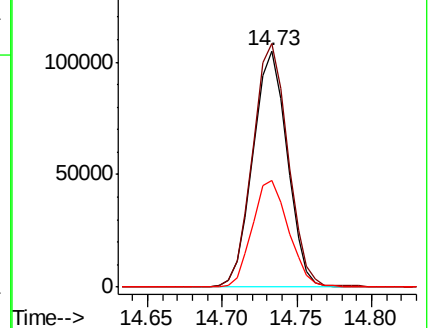
160 44.9 36.3 54.5



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

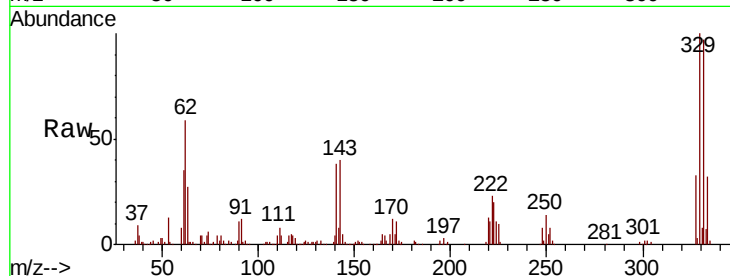




#42
 2,4,6-Tribromophenol
 Concen: 119.588 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. -0.01 min
 Lab File: BG037767.D
 Acq: 2 Nov 2018 23:15

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	330	332	141
Resp:	218463		
Ion Ratio	100	96.1	38.1
Lower		78.4	32.2
Upper		117.6	48.2

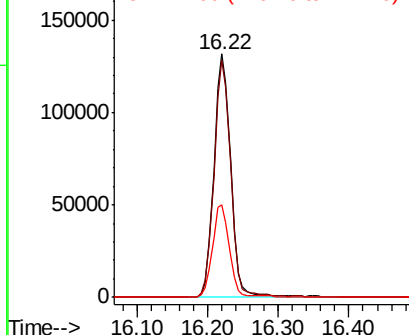
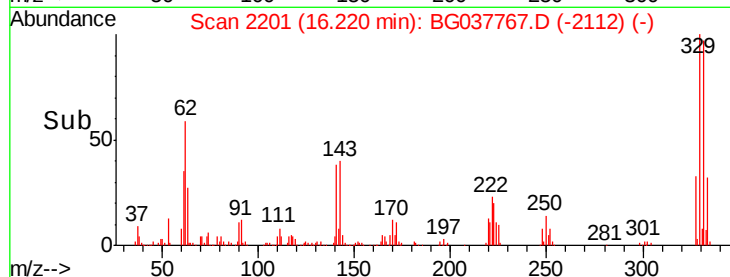


Abundance

Ion 329.80 (329.50 to 330.50): E

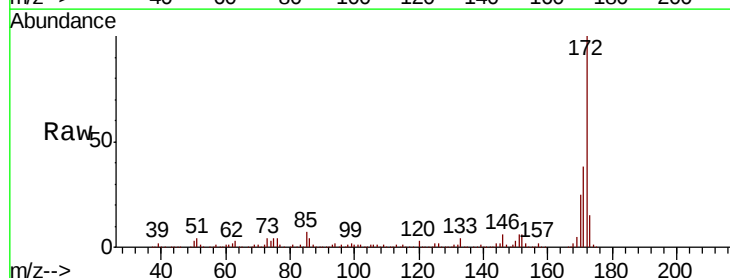
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 84.088 ng
 RT: 13.35 min Scan# 1713
 Delta R.T. -0.01 min
 Lab File: BG037767.D
 Acq: 2 Nov 2018 23:15

Tgt Ion	172	171	170
Resp:	933984		
Ion Ratio	100	38.2	24.8
Lower		31.0	20.2
Upper		46.4	30.2

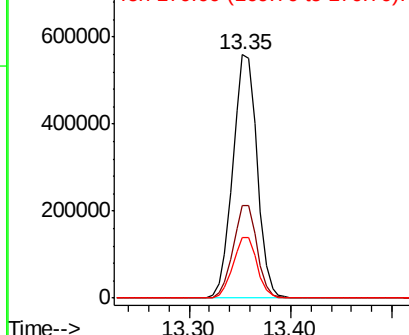
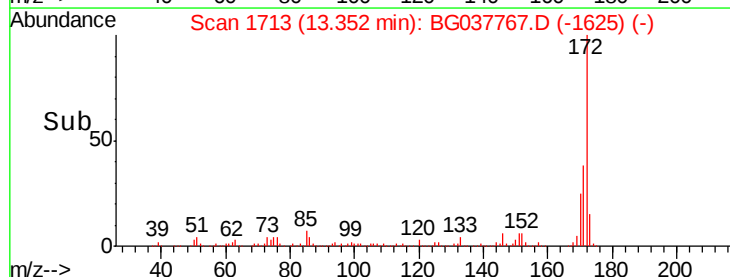


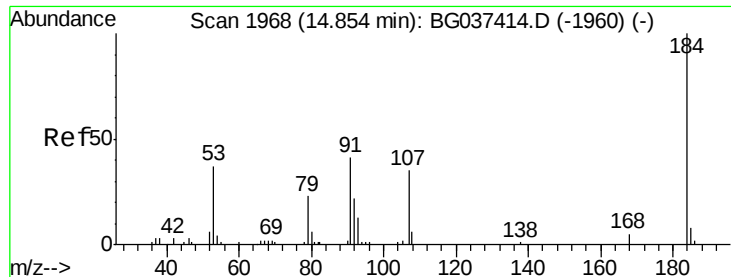
Abundance

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





#54

2,4-Dinitrophenol

Concen: 6.294 ng

RT: 15.34 min Scan# 2052

Delta R.T. 0.49 min

Lab File: BG037767.D

Acq: 2 Nov 2018 23:15

Instrument :

BNA_G

ClientSampled :

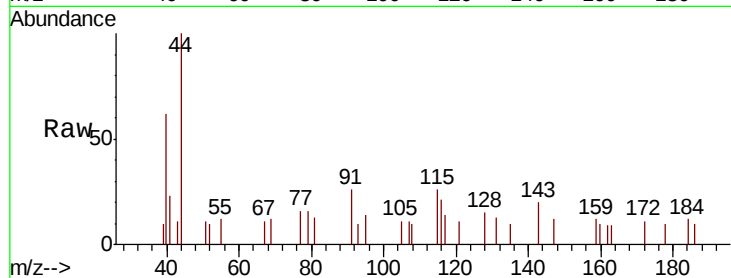
Tot Ion:184 Resp: 123

Ion Ratio Lower Upper

184 100

63 0.0 42.6 63.8#

154 0.0 41.8 62.6#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

250

200

150

100

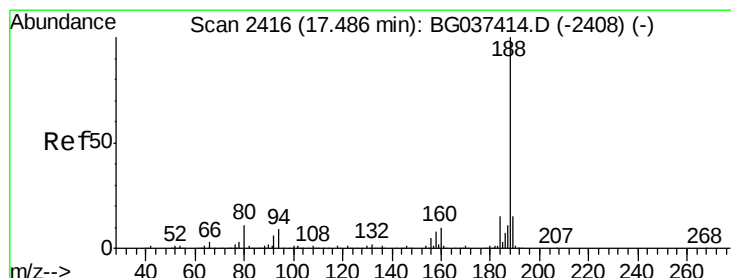
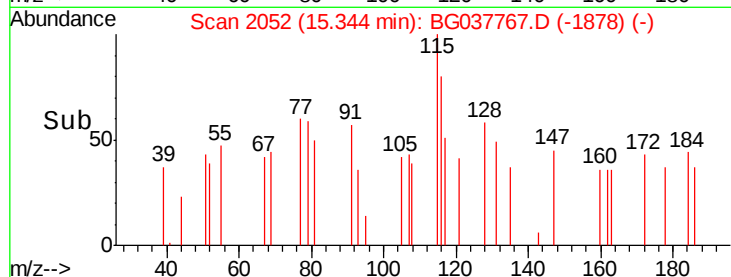
50

0

15.32

15.34

Time-->



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.48 min Scan# 2415

Delta R.T. -0.01 min

Lab File: BG037767.D

Acq: 2 Nov 2018 23:15

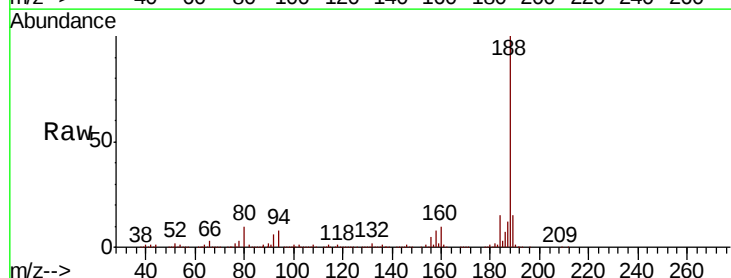
Tgt Ion:188 Resp: 359351

Ion Ratio Lower Upper

188 100

94 8.4 7.2 10.8

80 9.5 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

300000

250000

200000

150000

100000

50000

0

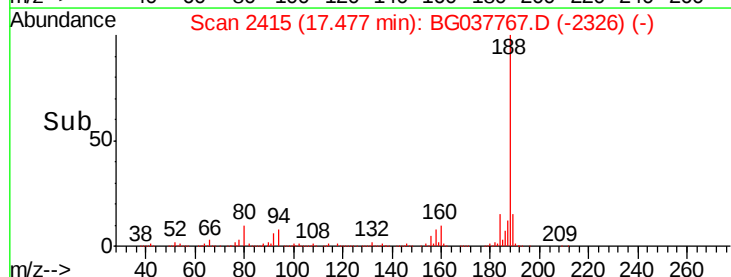
17.40

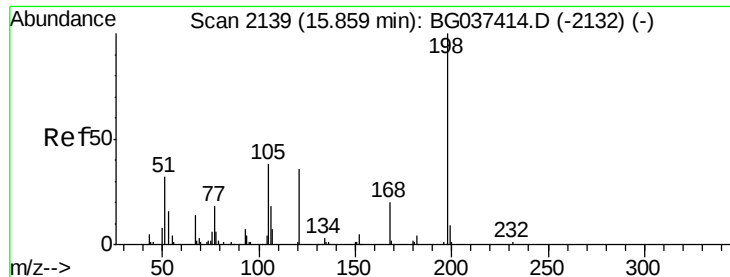
17.48

17.50

17.60

Time-->

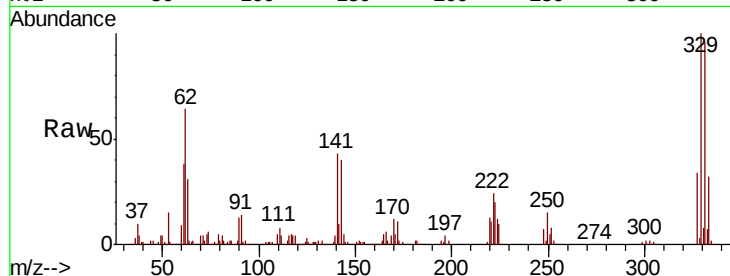




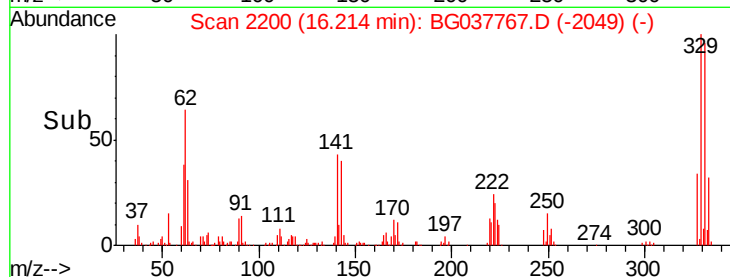
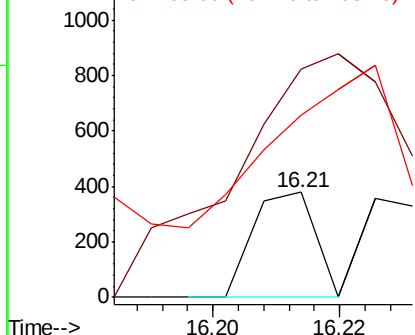
#65
 4,6-Dinitro-2-methylphenol
 Concen: 8.620 ng
 RT: 16.21 min Scan# 2200
 Delta R.T. 0.36 min
 Lab File: BG037767.D
 Acq: 2 Nov 2018 23:15

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:198 Resp: 257
 Ion Ratio Lower Upper
 198 100
 51 32.6 22.7 62.7
 105 26.0 19.7 59.7

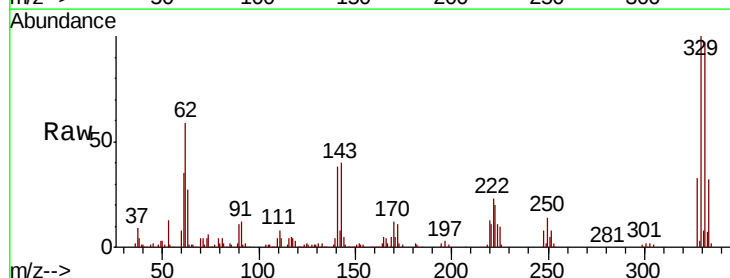


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG0
 Ion 105.00 (104.70 to 105.70): E

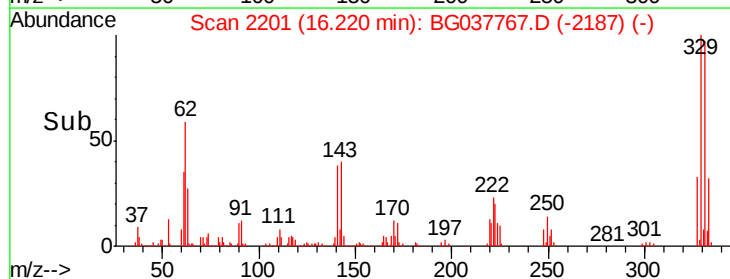
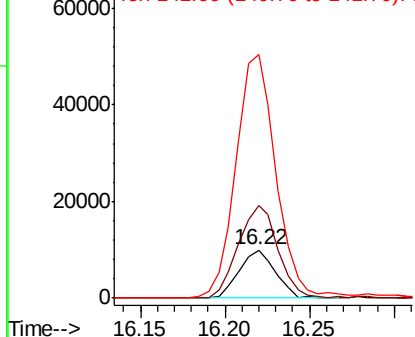


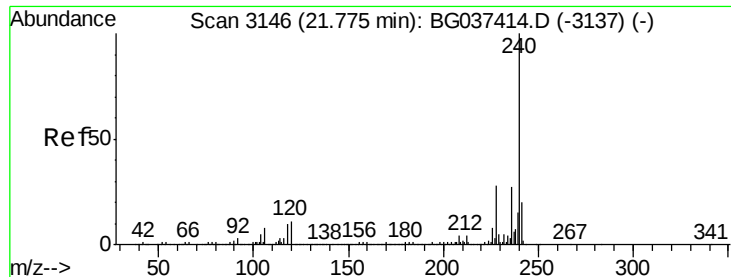
#67
 4-Bromophenyl-phenylether
 Concen: 3.749 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. -0.45 min
 Lab File: BG037767.D
 Acq: 2 Nov 2018 23:15

Tgt Ion:248 Resp: 14794
 Ion Ratio Lower Upper
 248 100
 250 192.1 77.0 115.6#
 141 387.0 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

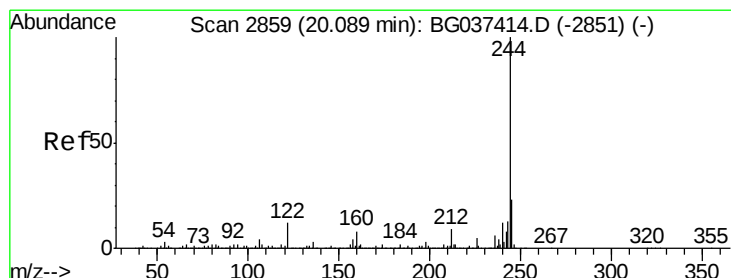
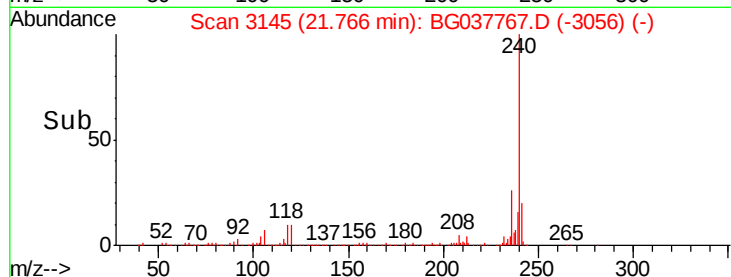
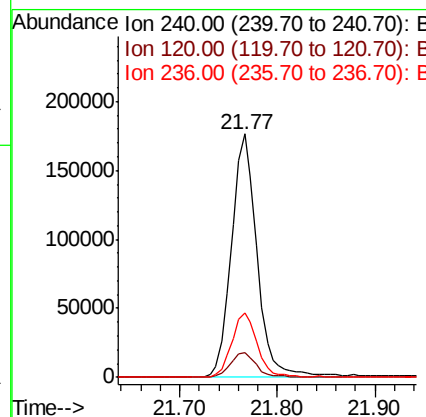
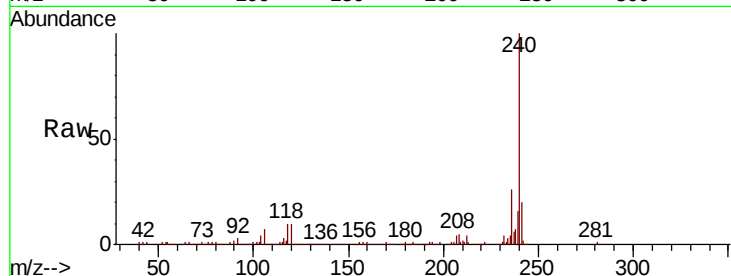




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.77 min Scan# 3145
 Delta R.T. -0.01 min
 Lab File: BG037767.D
 Acq: 2 Nov 2018 23:15

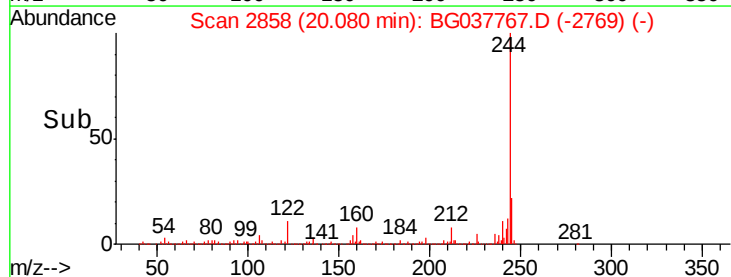
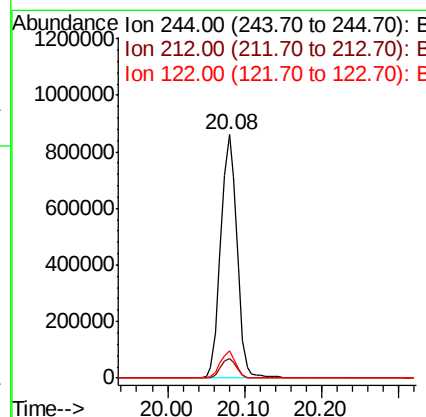
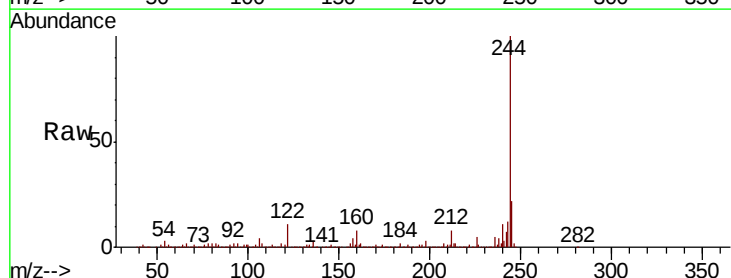
Instrument :
 BNA_G
 ClientSampleId :

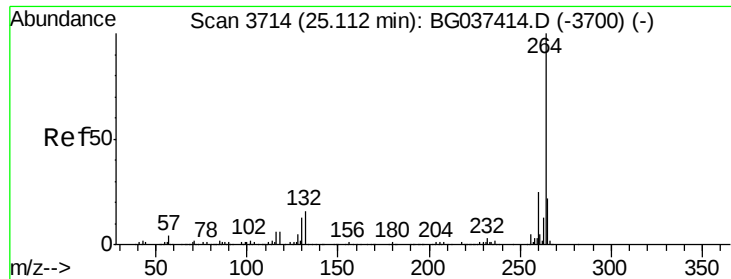
Tot Ion:240 Resp: 322008
 Ion Ratio Lower Upper
 240 100
 120 10.3 8.1 12.1
 236 26.5 21.4 32.0



#79
 Terphenyl-d14
 Concen: 83.201 ng
 RT: 20.08 min Scan# 2858
 Delta R.T. -0.01 min
 Lab File: BG037767.D
 Acq: 2 Nov 2018 23:15

Tgt Ion:244 Resp: 1253830
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.5 9.7
 122 11.0 9.0 13.4





#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.10 min Scan# 3712
Delta R.T. -0.01 min
Lab File: BG037767.D
Acq: 2 Nov 2018 23:15

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.2	27.4
265	21.3	17.9	26.9

