

Data File : BG037782.D
Acq On : 3 Nov 2018 9:05
Operator : JU/SJ
Sample : J5767-08
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CL-02-110118-D

Quant Time: Nov 05 03:53:48 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	56819	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	253088	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	167094	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	366551	20.00	ng	0.00
76) Chrysene-d12	21.77	240	333960	20.00	ng	0.00
87) Perylene-d12	25.10	264	277889	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.64	112	370365	108.98	ng	0.00
7) Phenol-d6	7.24	99	477833	92.98	ng	0.00
23) Nitrobenzene-d5	9.28	82	373773	82.73	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	178503	97.95	ng	0.00
45) 2-Fluorobiphenyl	13.35	172	903504	81.54	ng	-0.01
79) Terphenyl-d14	20.08	244	1304003	83.43	ng	0.00

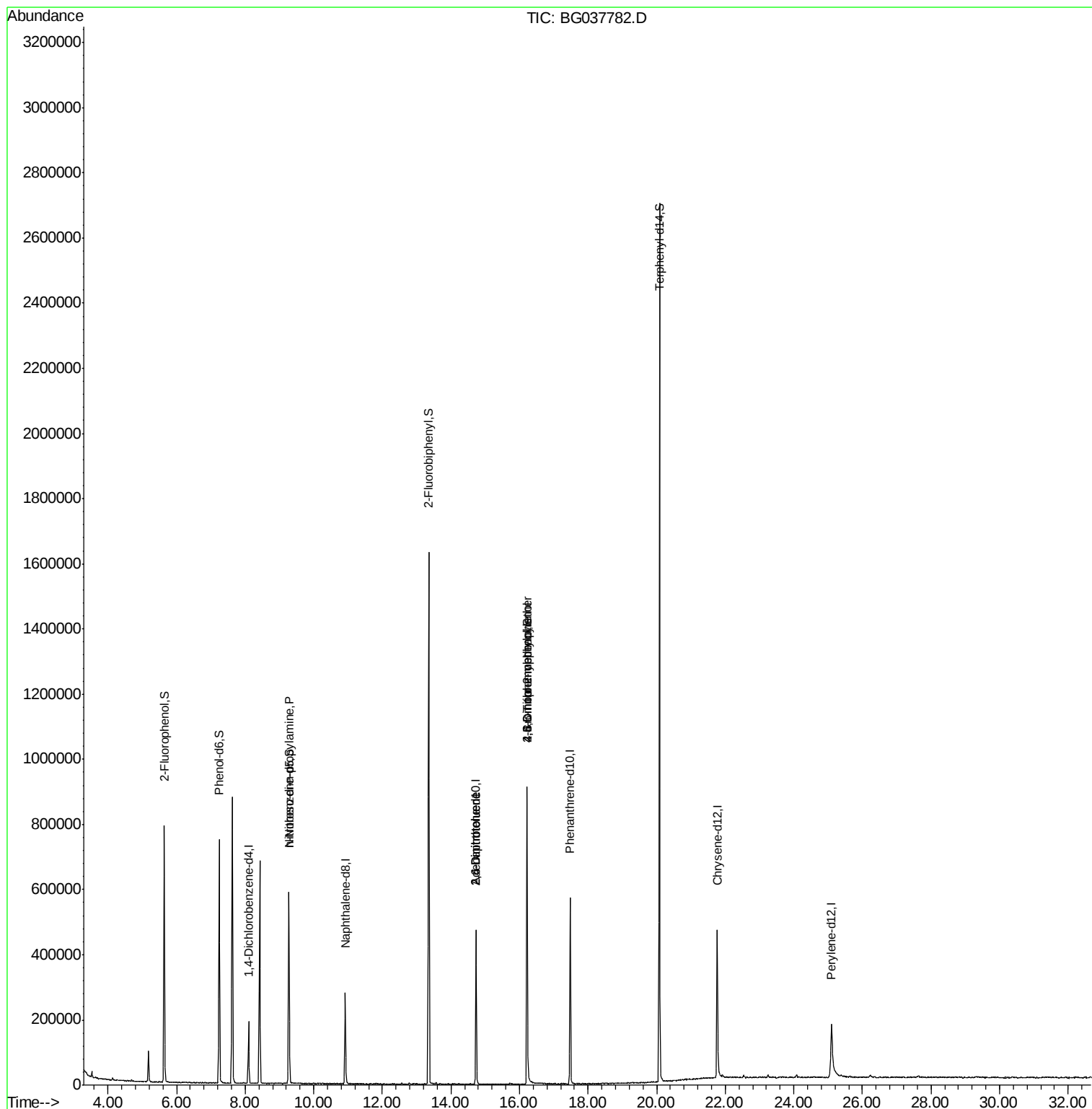
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	9.28	70	47279	13.360	ng	# 70
51) 2,6-Dinitrotoluene	14.73	165	21845	7.639	ng	# 26
57) 2,4-Dinitrotoluene	14.73	165	21845	5.819	ng	# 25
65) 4,6-Dinitro-2-methylphenol	16.22	198	442	8.697	ng	# 1
67) 4-Bromophenyl-phenylether	16.22	248	13449	3.341	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

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Instrument :

BNA_G

ClientSampleId :

CL-02-110118-D

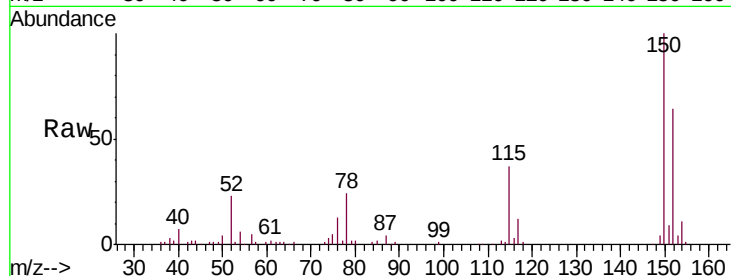
Tgt Ion:152 Resp: 56819

Ion Ratio Lower Upper

152 100

150 156.2 126.0 189.0

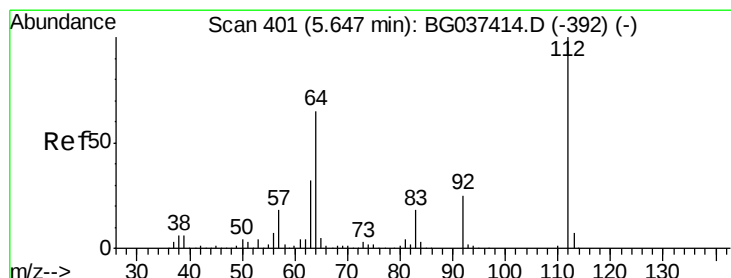
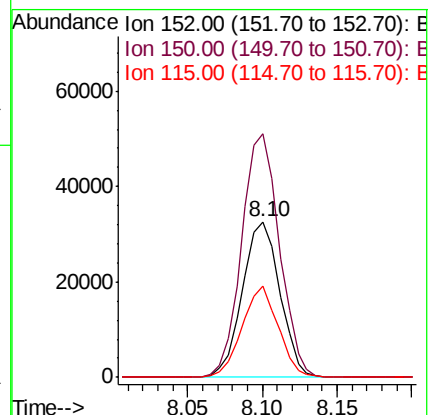
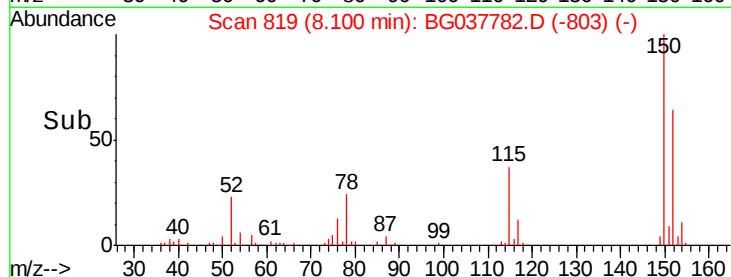
115 58.2 45.5 68.3



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: 108.977 ng

RT: 5.64 min Scan# 400

Delta R.T. -0.01 min

Lab File: BG037782.D

Acq: 3 Nov 2018 9:05

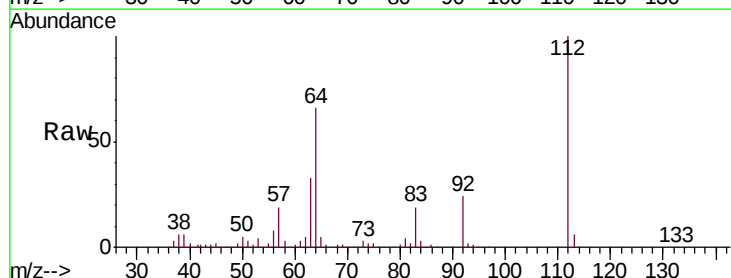
Tgt Ion:112 Resp: 370365

Ion Ratio Lower Upper

112 100

64 66.2 53.1 79.7

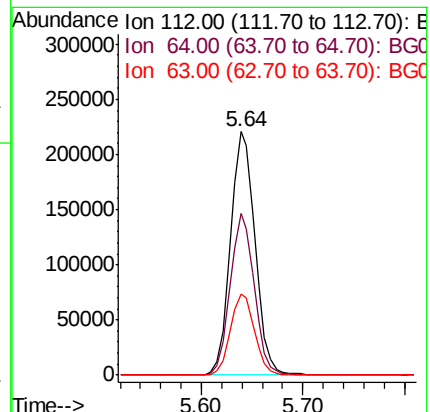
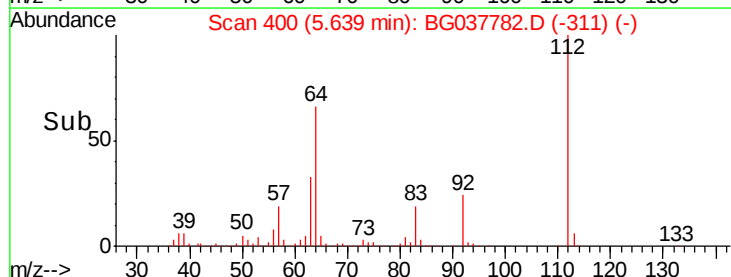
63 33.1 27.3 40.9



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: 92.981 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037782.D

Acq: 3 Nov 2018 9:05

Instrument :

BNA_G

ClientSampleId :

CL-02-110118-D

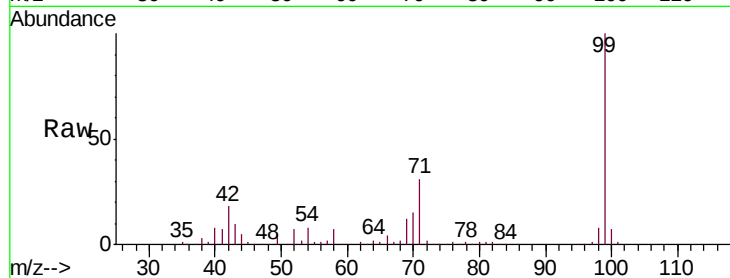
Tgt Ion: 99 Resp: 477833

Ion Ratio Lower Upper

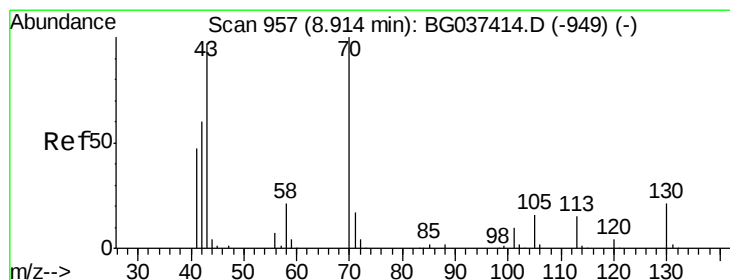
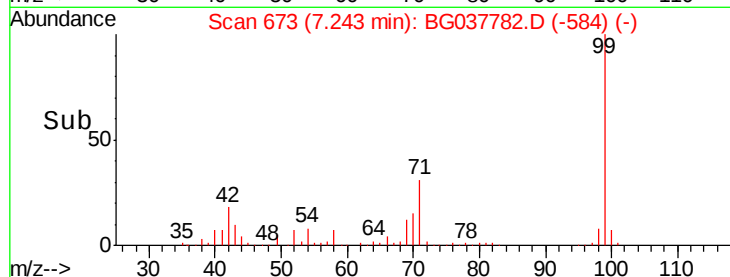
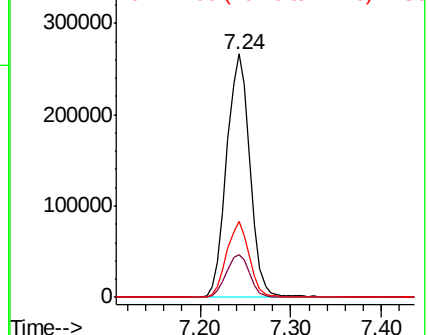
99 100

42 17.7 15.0 22.4

71 31.0 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: 13.360 ng

RT: 9.28 min Scan# 1019

Delta R.T. 0.36 min

Lab File: BG037782.D

Acq: 3 Nov 2018 9:05

Tgt Ion: 70 Resp: 47279

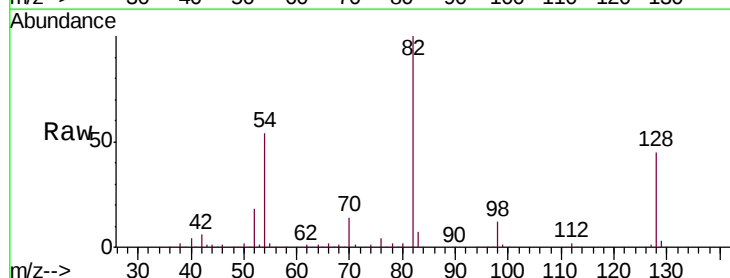
Ion Ratio Lower Upper

70 100

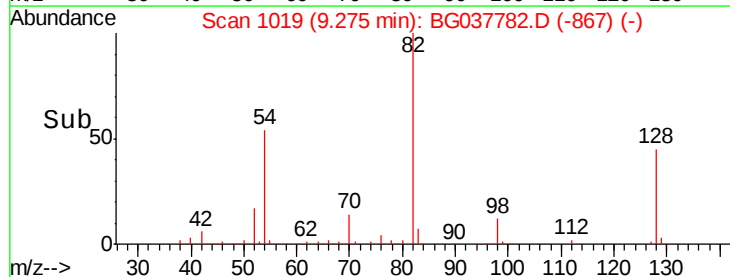
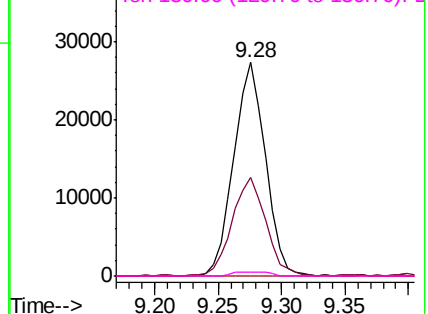
42 46.2 53.9 80.9#

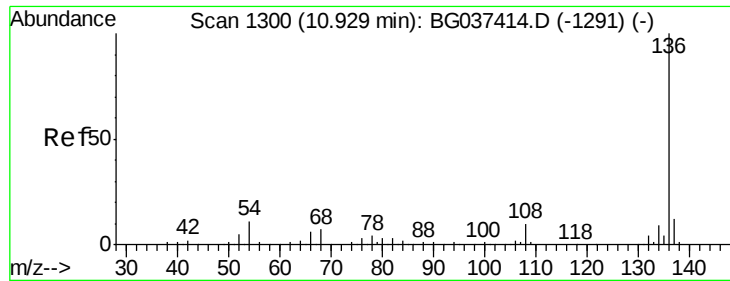
101 0.0 8.2 12.2#

130 1.8 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

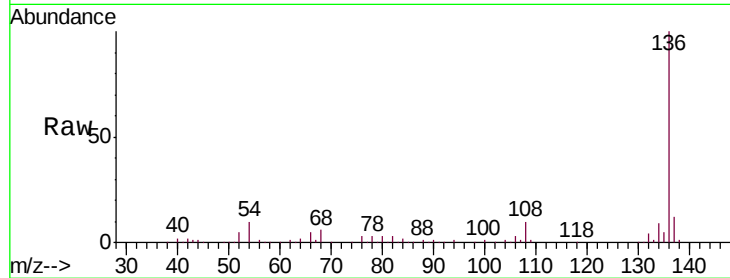




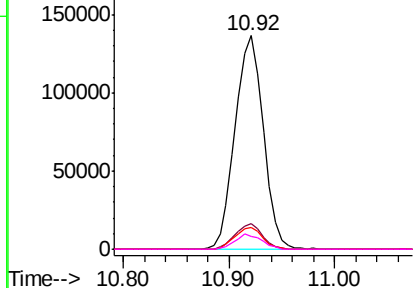
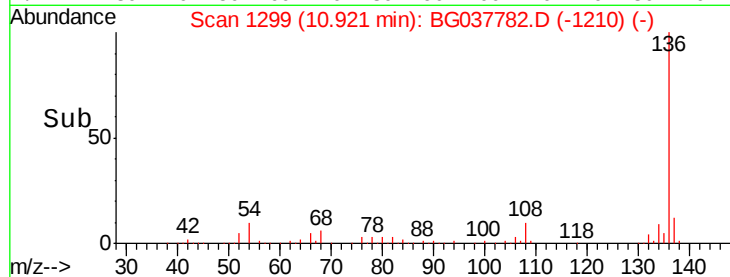
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG037782.D
Acq: 3 Nov 2018 9:05

Instrument :
BNA_G
ClientSampleId :
CL-02-110118-D

Tgt Ion:	136	Resp:	253088
Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.6	14.4
54	10.1	7.9	11.9
68	5.9	4.8	7.2

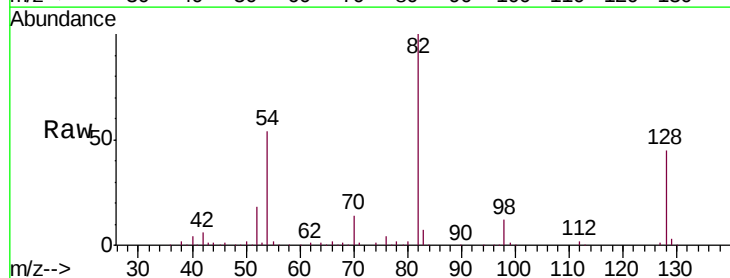


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

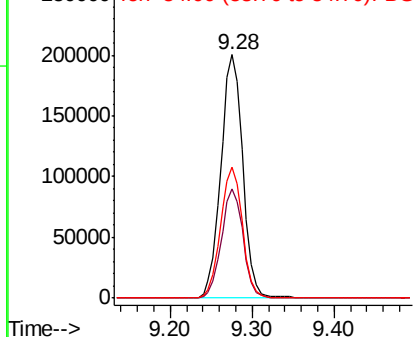
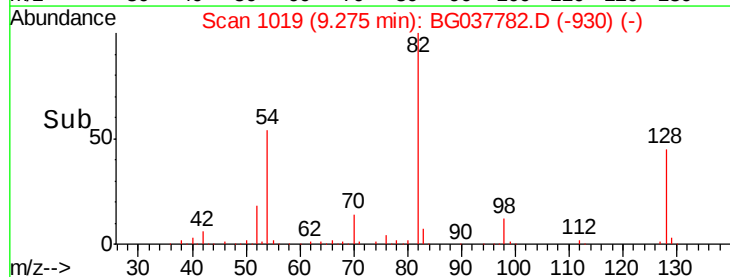


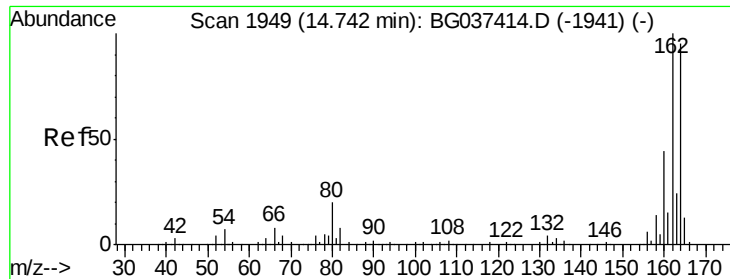
#23
Nitrobenzene-d5
Concen: 82.732 ng
RT: 9.28 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG037782.D
Acq: 3 Nov 2018 9:05

Tgt Ion:	82	Resp:	373773
Ion	Ratio	Lower	Upper
82	100		
128	44.7	34.6	51.8
54	53.6	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: BG037782.D

Acq: 3 Nov 2018 9:05

Instrument :

BNA_G

ClientSampleId :

CL-02-110118-D

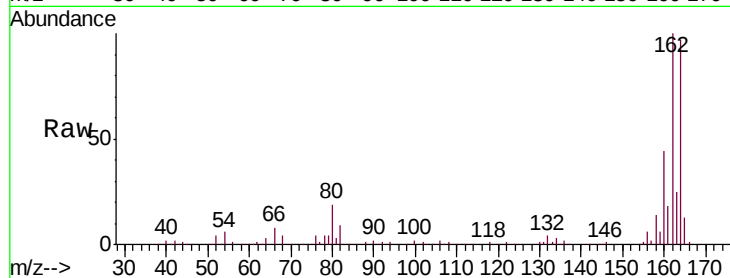
Tgt Ion:164 Resp: 167094

Ion Ratio Lower Upper

164 100

162 103.2 81.3 121.9

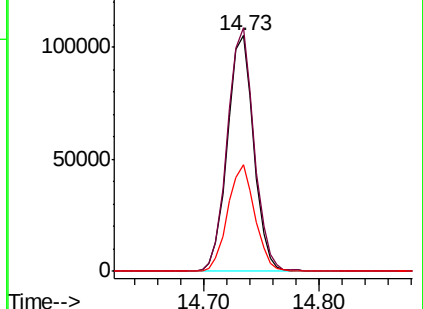
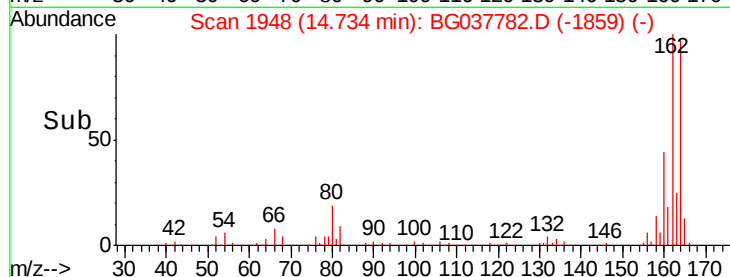
160 45.4 36.3 54.5



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: 97.945 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG037782.D

Acq: 3 Nov 2018 9:05

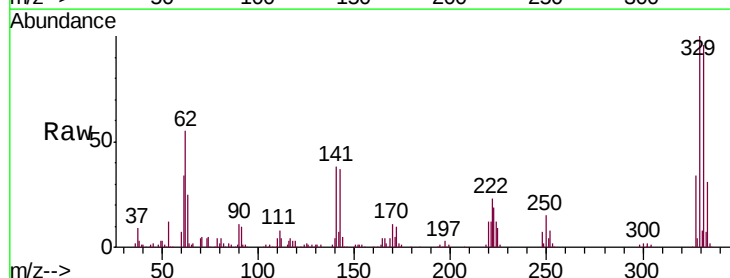
Tgt Ion:330 Resp: 178503

Ion Ratio Lower Upper

330 100

332 96.6 78.4 117.6

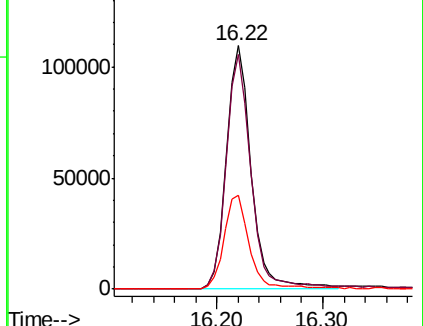
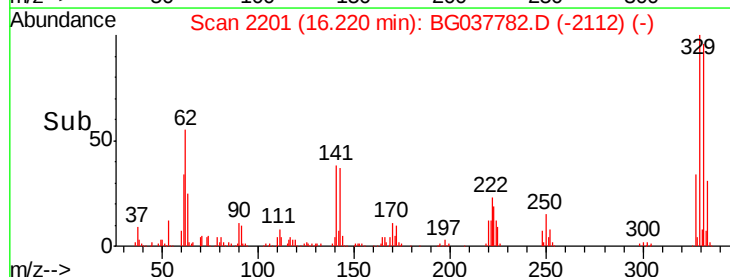
141 39.6 32.2 48.2



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

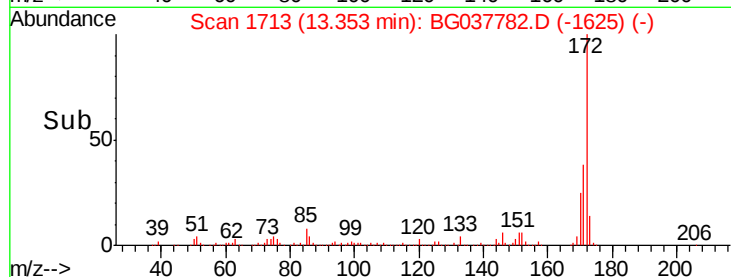
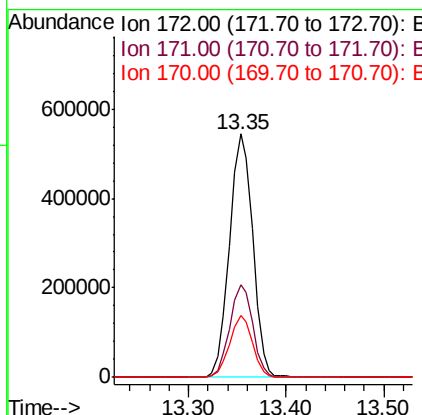
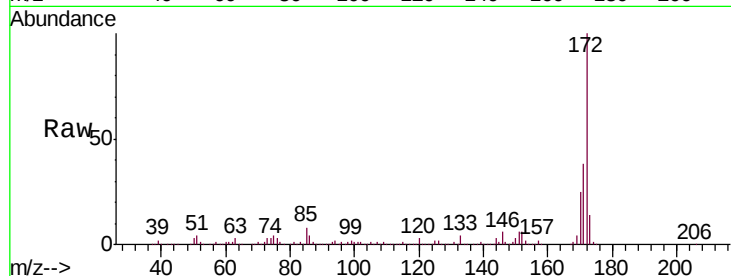




#45
2-Fluorobiphenyl
Concen: 81.537 ng
RT: 13.35 min Scan# 1713
Delta R.T. -0.01 min
Lab File: BG037782.D
Acq: 3 Nov 2018 9:05

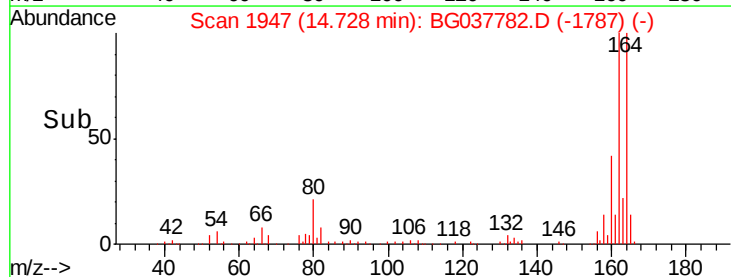
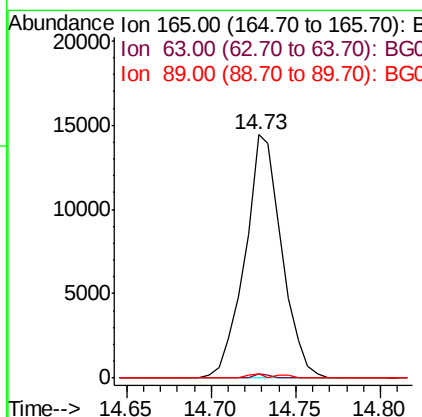
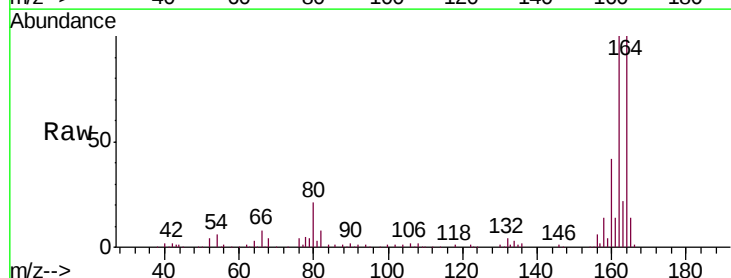
Instrument :
BNA_G
ClientSampleId :
CL-02-110118-D

Tgt Ion:172 Resp: 903504
Ion Ratio Lower Upper
172 100
171 37.9 31.0 46.4
170 25.2 20.2 30.2



#51
2,6-Dinitrotoluene
Concen: 7.639 ng
RT: 14.73 min Scan# 1947
Delta R.T. 0.41 min
Lab File: BG037782.D
Acq: 3 Nov 2018 9:05

Tgt Ion:165 Resp: 21845
Ion Ratio Lower Upper
165 100
63 1.9 43.4 65.2#
89 1.7 45.8 68.6#

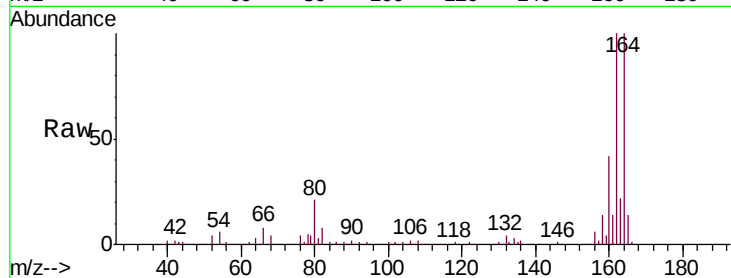




#57
 2,4-Dinitrotoluene
 Concen: 5.819 ng
 RT: 14.73 min Scan# 1947
 Delta R.T. -0.37 min
 Lab File: BG037782.D
 Acq: 3 Nov 2018 9:05

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-110118-D

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.9	33.4	50.0#
89	1.7	57.2	85.8#
182	0.0	2.6	4.0#

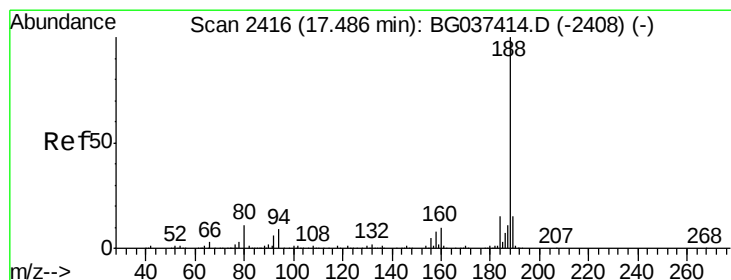
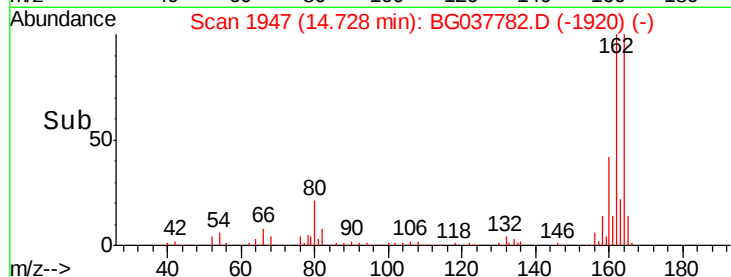
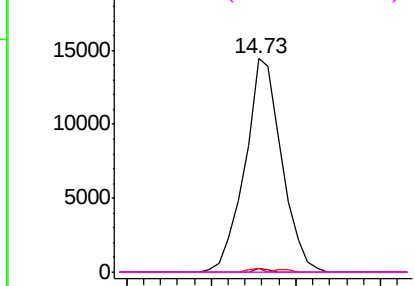


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

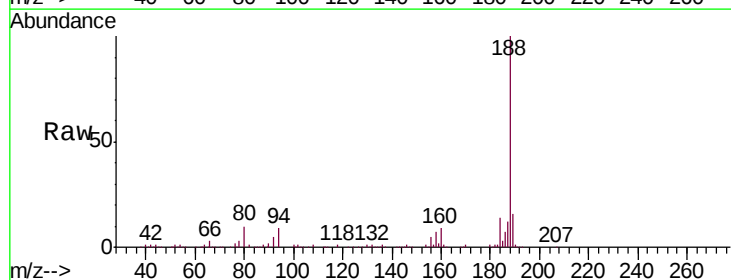
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.48 min Scan# 2415
 Delta R.T. -0.01 min
 Lab File: BG037782.D
 Acq: 3 Nov 2018 9:05

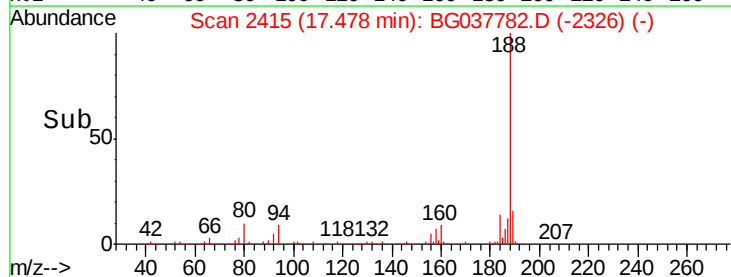
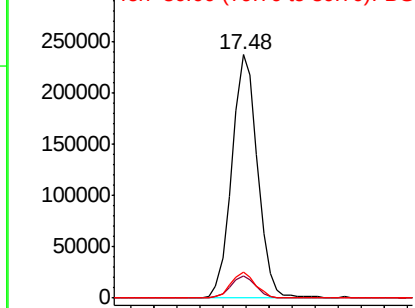
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.2	10.8
80	10.5	7.7	11.5

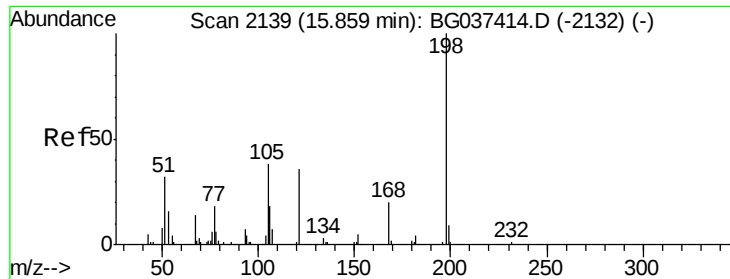


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

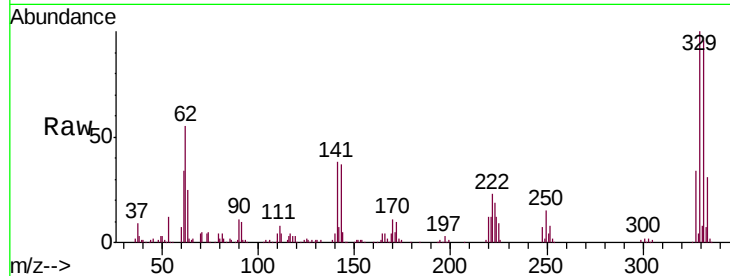




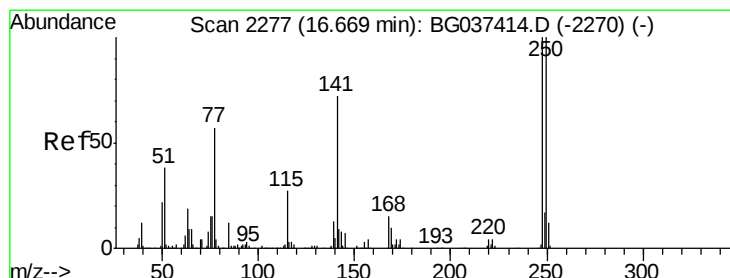
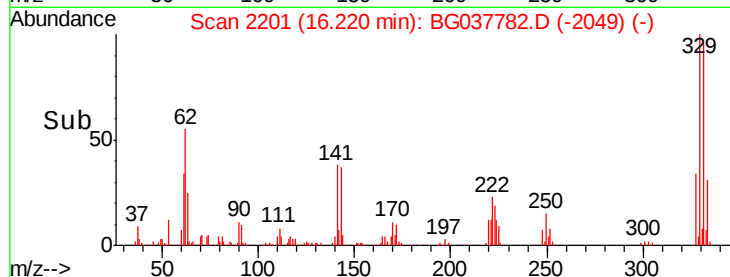
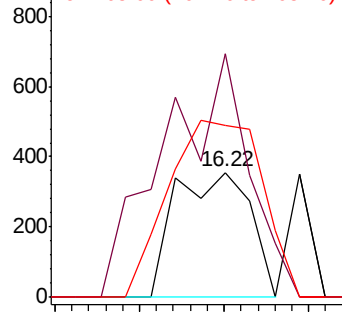
#65
 4,6-Dinitro-2-methylphenol
 Concen: 8.697 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. 0.36 min
 Lab File: BG037782.D
 Acq: 3 Nov 2018 9:05

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-110118-D

Tgt Ion:198 Resp: 442
 Ion Ratio Lower Upper
 198 100
 51 195.2 22.7 62.7#
 105 138.3 19.7 59.7#

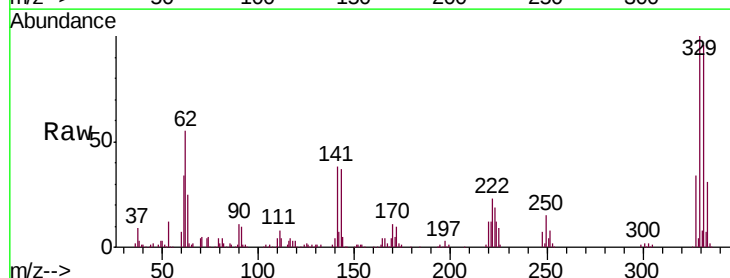


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

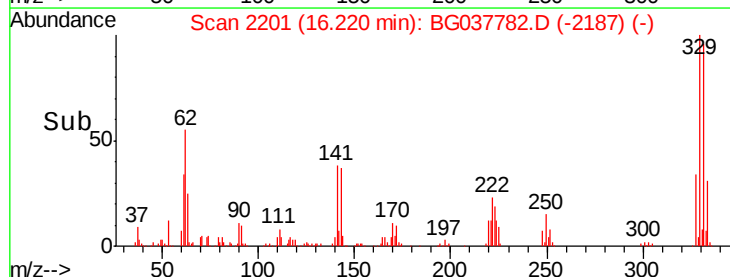
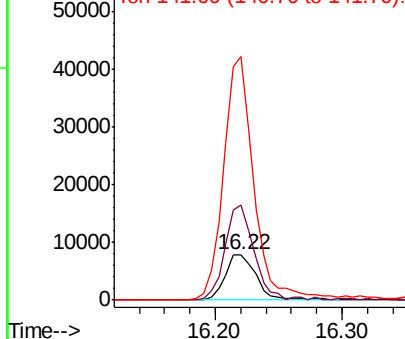


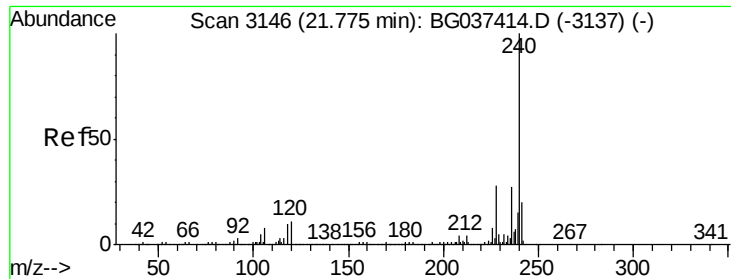
#67
 4-Bromophenyl-phenylether
 Concen: 3.341 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. -0.45 min
 Lab File: BG037782.D
 Acq: 3 Nov 2018 9:05

Tgt Ion:248 Resp: 13449
 Ion Ratio Lower Upper
 248 100
 250 207.7 77.0 115.6#
 141 422.4 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

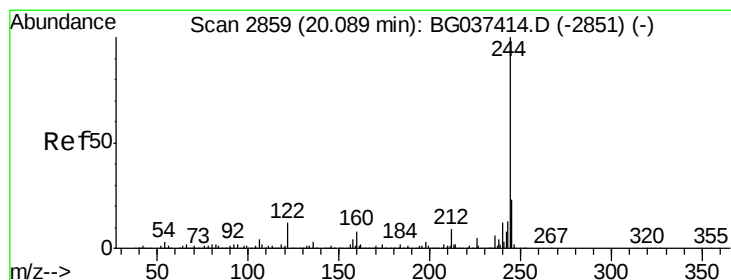
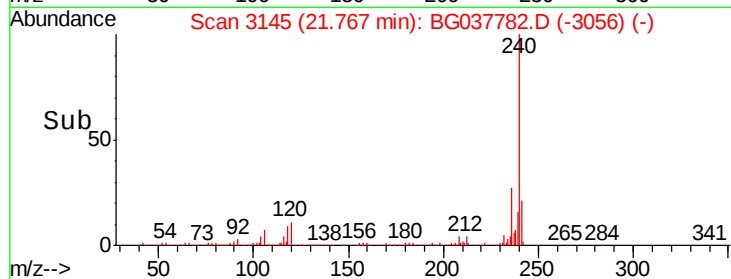
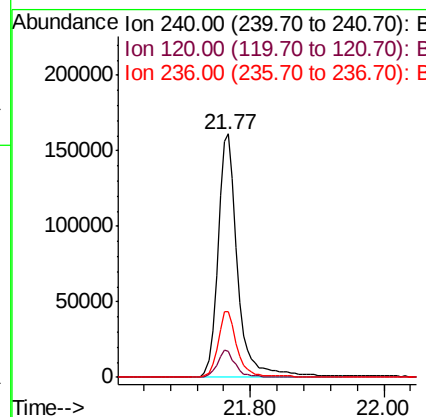
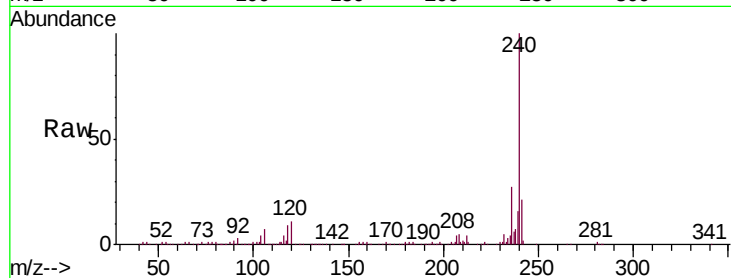




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3145
Delta R.T. -0.01 min
Lab File: BG037782.D
Acq: 3 Nov 2018 9:05

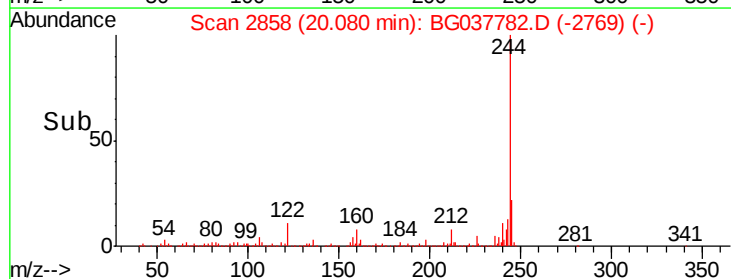
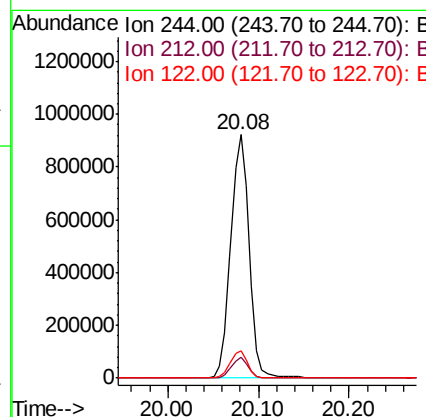
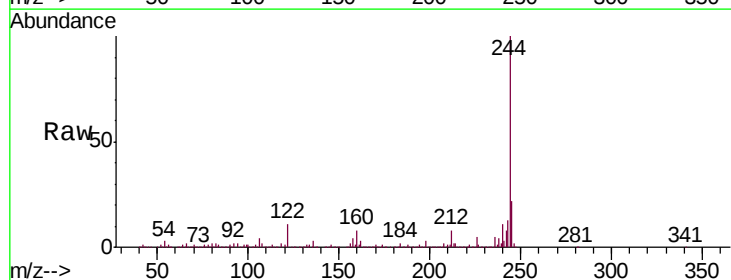
Instrument :
BNA_G
ClientSampleId :
CL-02-110118-D

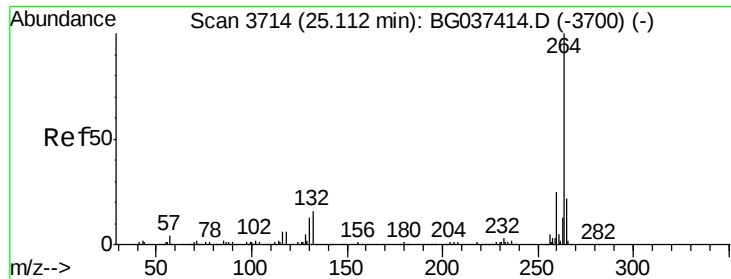
Tgt Ion:240 Resp: 333960
Ion Ratio Lower Upper
240 100
120 10.5 8.1 12.1
236 26.7 21.4 32.0



#79
Terphenyl-d14
Concen: 83.434 ng
RT: 20.08 min Scan# 2858
Delta R.T. -0.01 min
Lab File: BG037782.D
Acq: 3 Nov 2018 9:05

Tgt Ion:244 Resp: 1304003
Ion Ratio Lower Upper
244 100
212 8.5 6.5 9.7
122 11.0 9.0 13.4

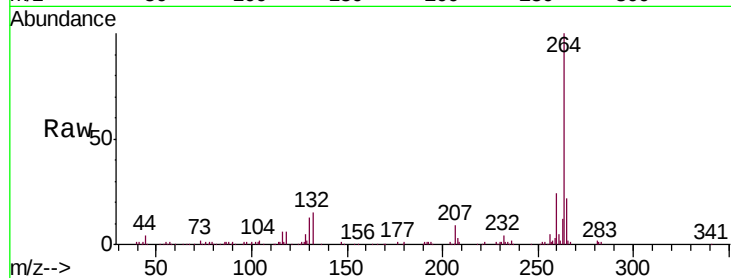




#87
Perylene-d12
Concen: 20.000 ng
RT: 25.10 min Scan# 3712
Delta R.T. -0.01 min
Lab File: BG037782.D
Acq: 3 Nov 2018 9:05

Instrument :
BNA_G
ClientSampleId :
CL-02-110118-D

Tgt Ion:	264	Resp:	277889
Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.2	27.4
265	22.5	17.9	26.9



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

