

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG102518\
 Data File : BG037574.D
 Acq On : 26 Oct 2018 10:39
 Operator : JU/SJ
 Sample : J5655-12
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S37-0009

Quant Time: Oct 26 13:36:35 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

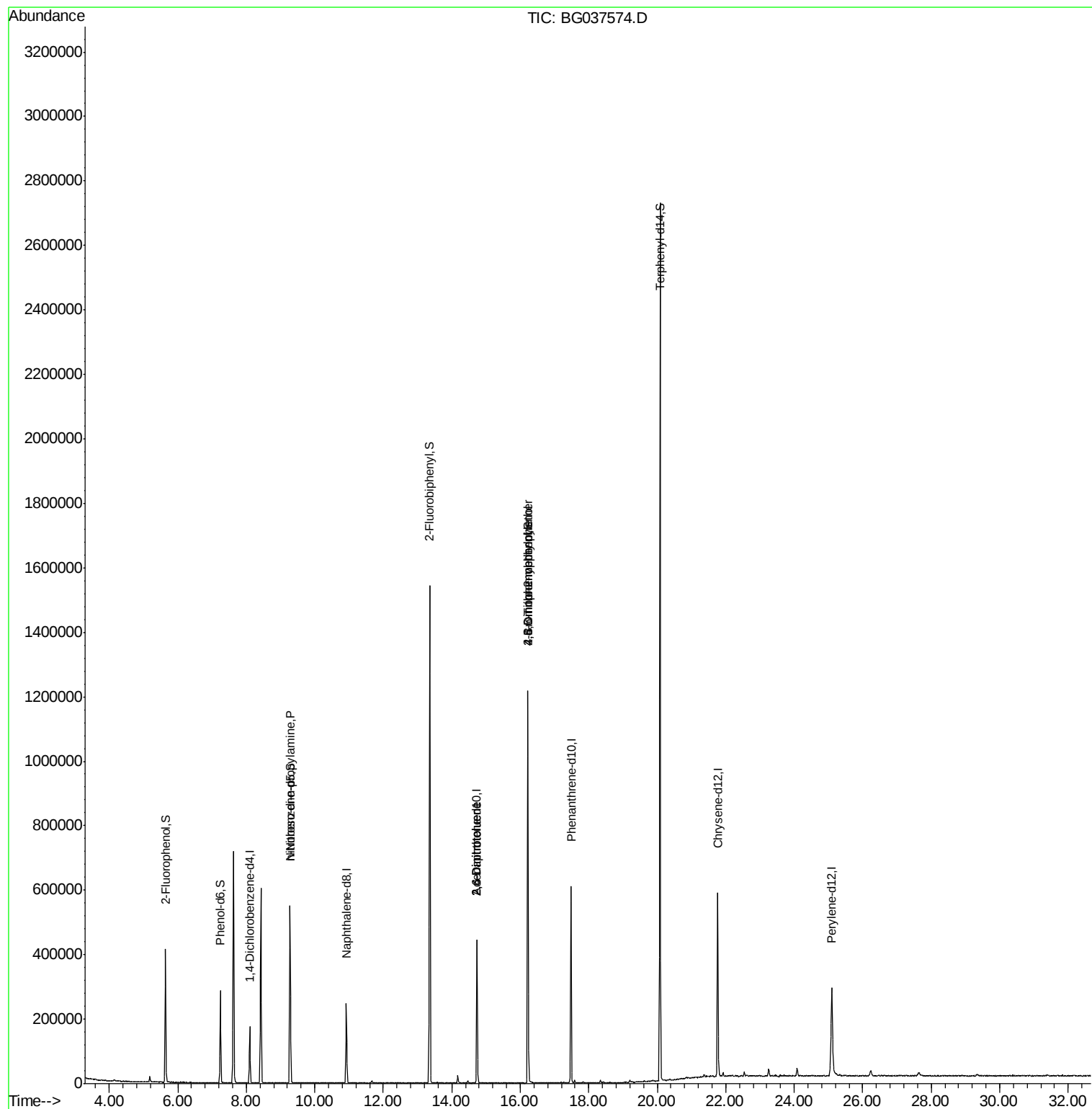
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	52336	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	230387	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	160582	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	392385	20.00	ng	0.00
76) Chrysene-d12	21.77	240	354086	20.00	ng	0.00
87) Perylene-d12	25.10	264	341739	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	193119	61.69	ng	0.00
7) Phenol-d6	7.24	99	176649	37.32	ng	0.00
23) Nitrobenzene-d5	9.28	82	347452	84.48	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	214485	122.46	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	838970	78.78	ng	0.00
79) Terphenyl-d14	20.08	244	1310977	79.11	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.28	70	43261	13.272	ng	# 76
51) 2,6-Dinitrotoluene	14.73	165	20598	7.495	ng	# 25
57) 2,4-Dinitrotoluene	14.73	165	20598	5.710	ng	# 24
65) 4,6-Dinitro-2-methylphenol	16.23	198	623	8.756	ng	80
67) 4-Bromophenyl-phenylether	16.22	248	15980	3.708	ng	# 1

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG102518\
Data File : BG037574.D
Acq On : 26 Oct 2018 10:39
Operator : JU/SJ
Sample : J5655-12
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
S37-0009

Quant Time: Oct 26 13:36:35 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



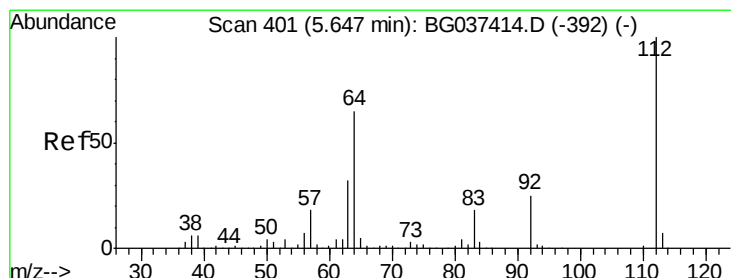
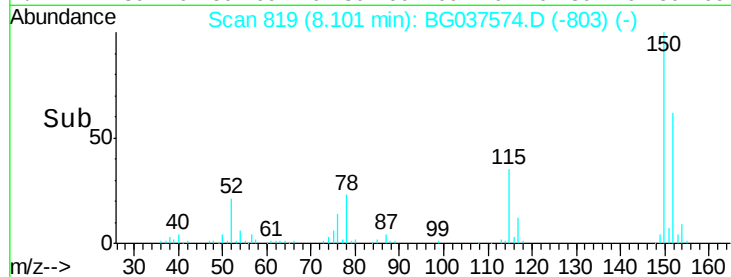
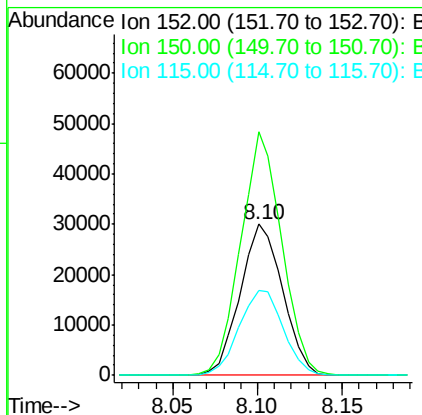
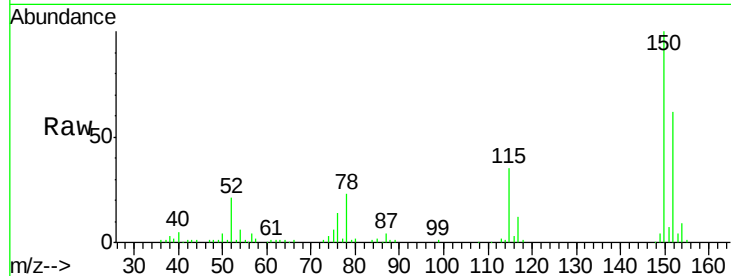


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037574.D
Acq: 26 Oct 2018 10:39

Instrument :
BNA_G
ClientSampled :
S37-0009

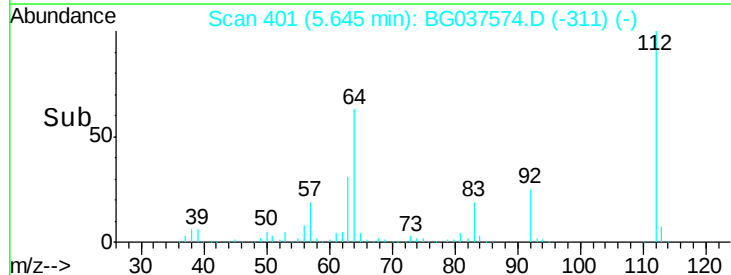
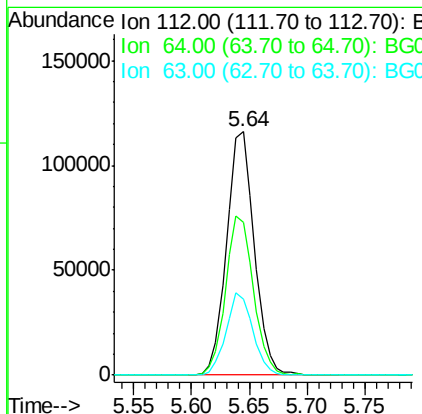
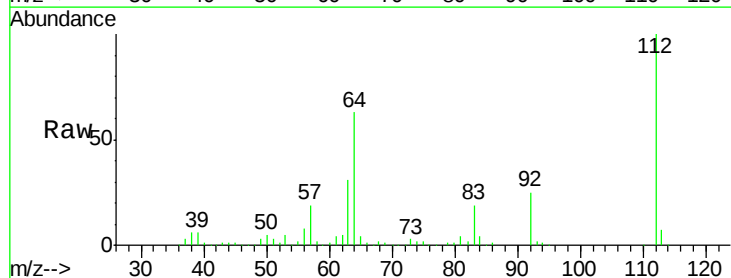
Tgt Ion:152 Resp: 52336
Ion Ratio Lower Upper
152 100
150 161.1 126.0 189.0
115 56.4 45.5 68.3

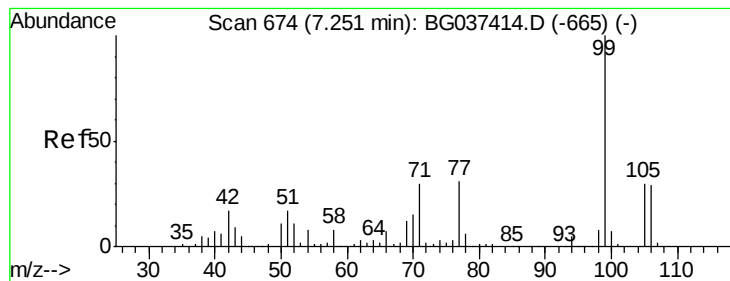


#5

2-Fluorophenol
Concen: 61.691 ng
RT: 5.64 min Scan# 401
Delta R.T. -0.00 min
Lab File: BG037574.D
Acq: 26 Oct 2018 10:39

Tgt Ion:112 Resp: 193119
Ion Ratio Lower Upper
112 100
64 62.7 53.1 79.7
63 31.3 27.3 40.9





#7

Phenol-d6

Concen: 37.318 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037574.D

Acq: 26 Oct 2018 10:39

Instrument :

BNA_G

ClientSampled :

S37-0009

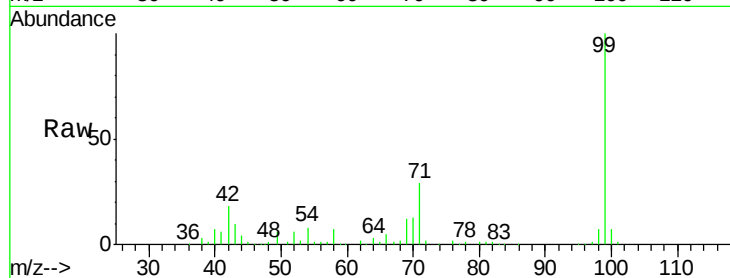
Tgt Ion: 99 Resp: 176649

Ion Ratio Lower Upper

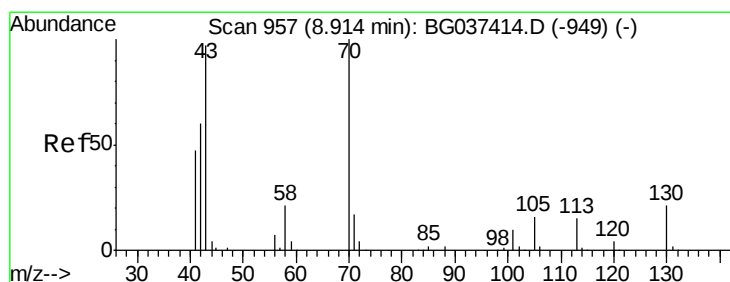
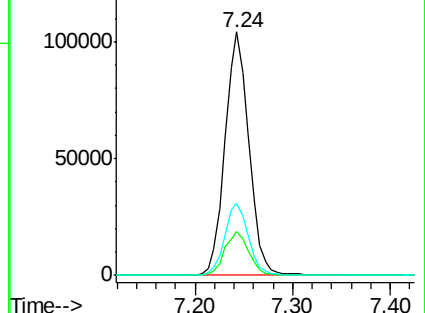
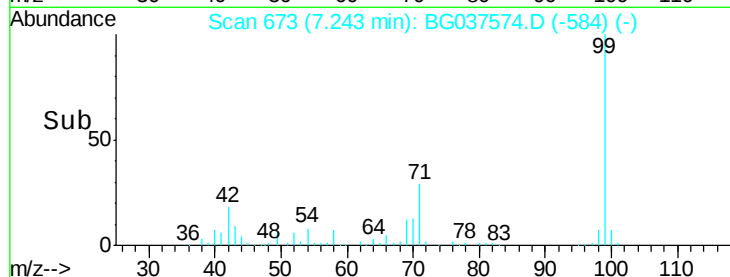
99 100

42 18.2 15.0 22.4

71 29.5 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



#19

n-Nitroso-di-n-propylamine

Concen: 13.272 ng

RT: 9.28 min Scan# 1020

Delta R.T. 0.37 min

Lab File: BG037574.D

Acq: 26 Oct 2018 10:39

Tgt Ion: 70 Resp: 43261

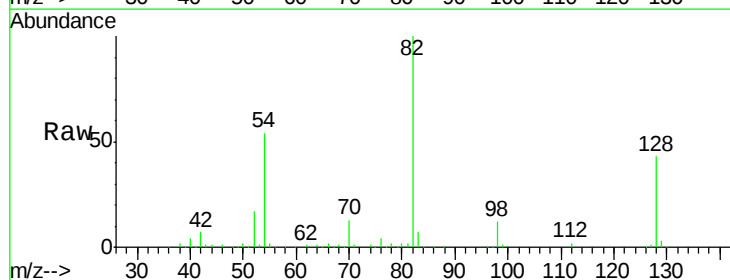
Ion Ratio Lower Upper

70 100

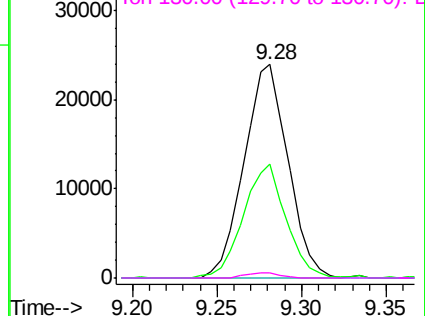
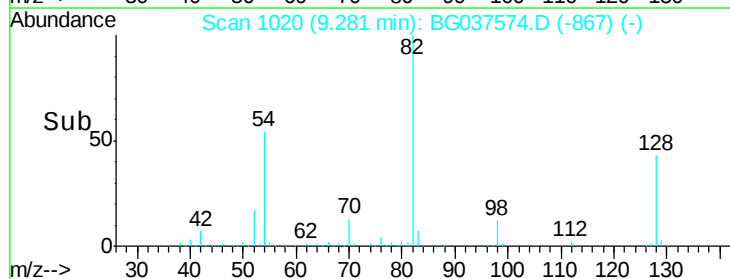
42 53.5 53.9 80.9#

101 0.0 8.2 12.2#

130 2.2 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

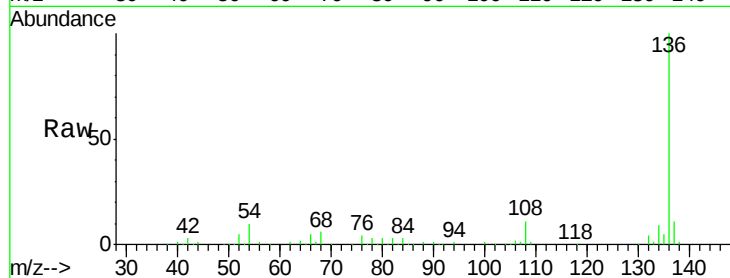




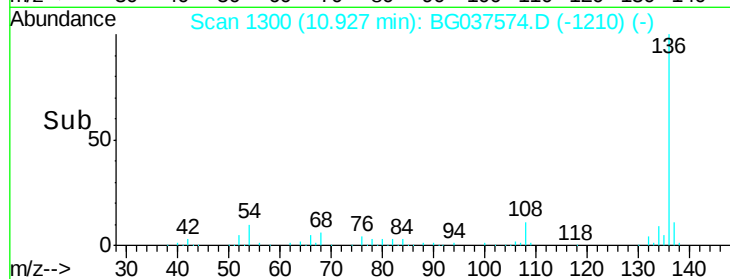
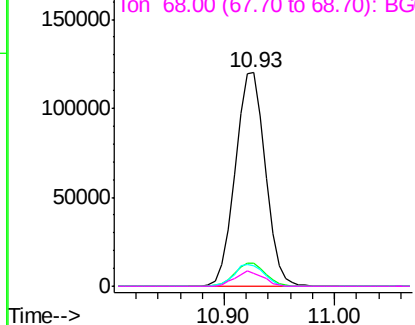
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BG037574.D
Acq: 26 Oct 2018 10:39

Instrument :
BNA_G
ClientSampleId :
S37-0009

Tgt Ion:	136	Resp:	230387
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.6	14.4
54	9.9	7.9	11.9
68	6.1	4.8	7.2

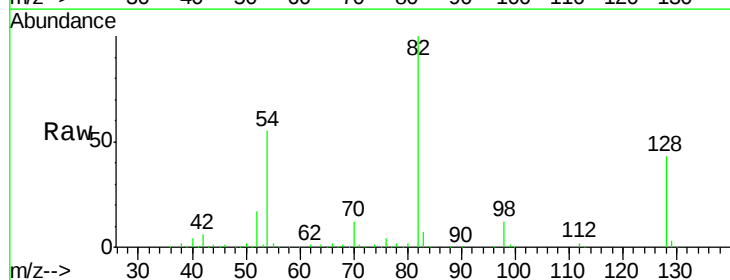


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

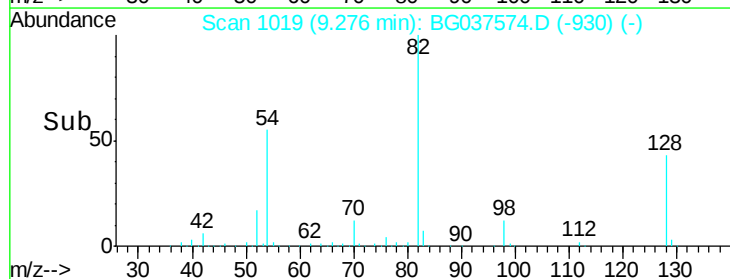
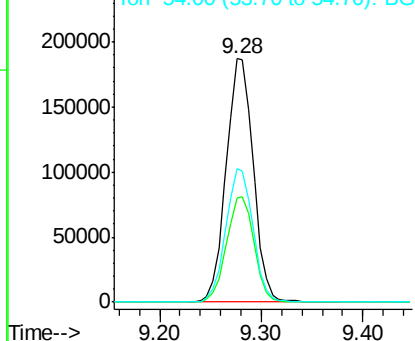


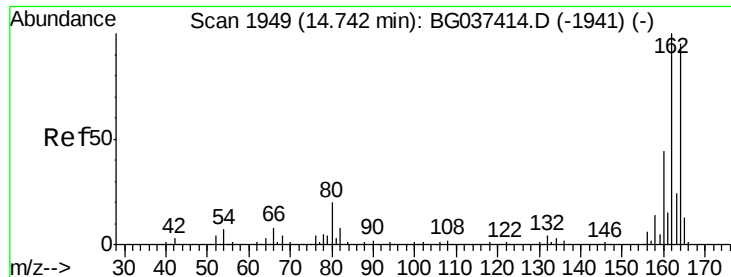
#23
Nitrobenzene-d5
Concen: 84.484 ng
RT: 9.28 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG037574.D
Acq: 26 Oct 2018 10:39

Tgt Ion:	82	Resp:	347452
Ion	Ratio	Lower	Upper
82	100		
128	42.7	34.6	51.8
54	54.8	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: BG037574.D

Acq: 26 Oct 2018 10:39

Instrument :

BNA_G

ClientSampleId :

S37-0009

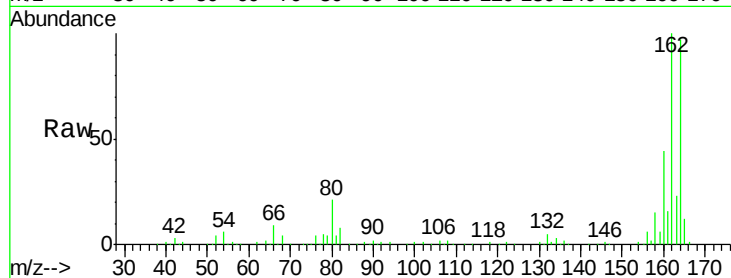
Tgt Ion:164 Resp: 160582

Ion Ratio Lower Upper

164 100

162 103.3 81.3 121.9

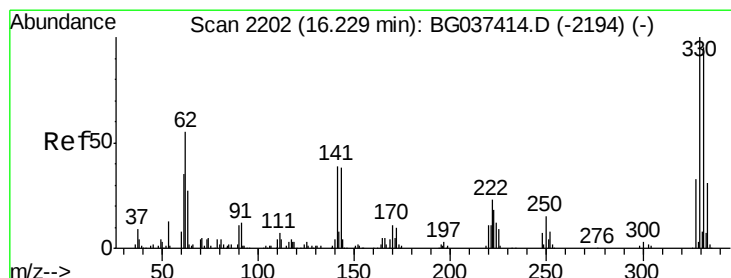
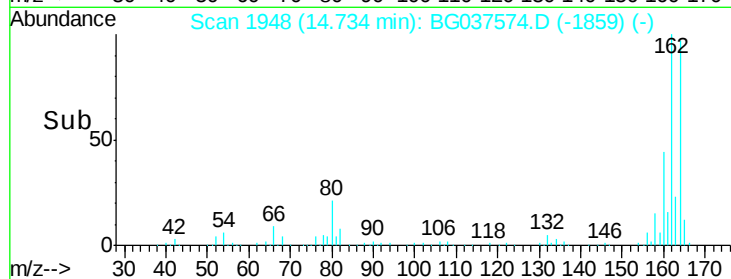
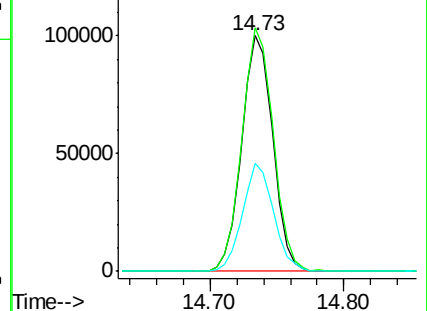
160 45.9 36.3 54.5



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: 122.461 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG037574.D

Acq: 26 Oct 2018 10:39

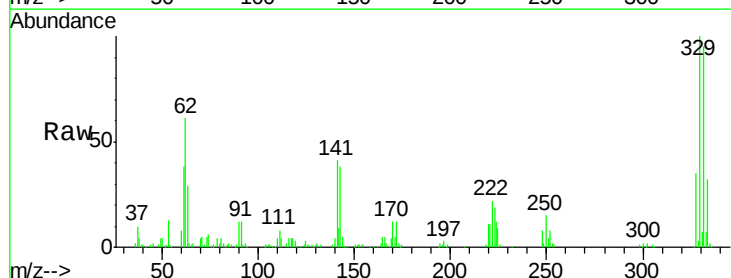
Tgt Ion:330 Resp: 214485

Ion Ratio Lower Upper

330 100

332 96.4 78.4 117.6

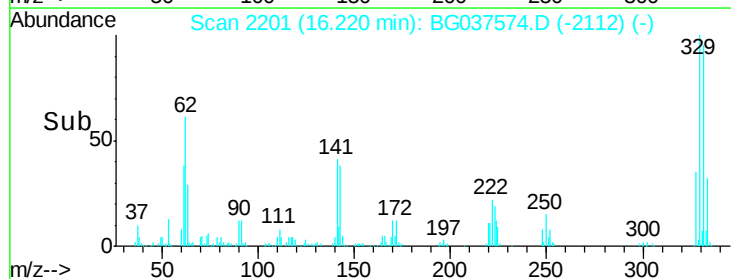
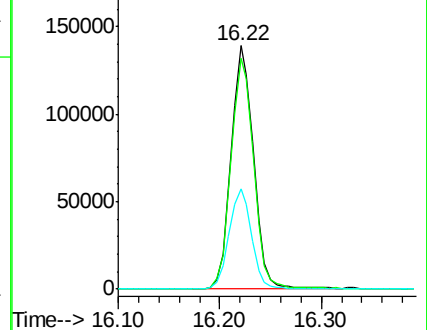
141 41.1 32.2 48.2



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

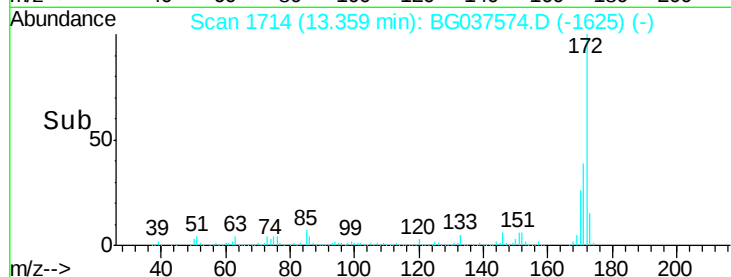
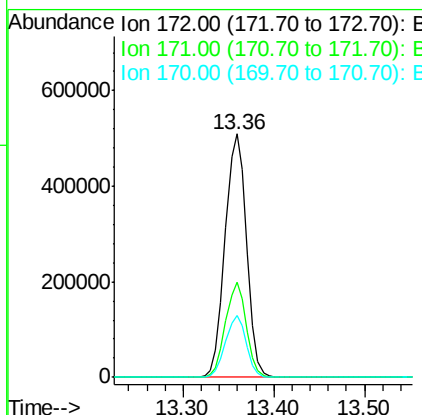
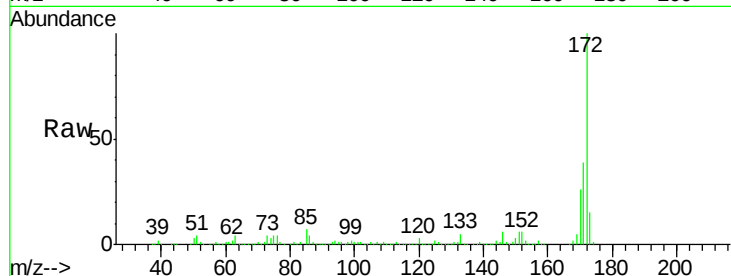




#45
2-Fluorobiphenyl
Concen: 78.783 ng
RT: 13.36 min Scan# 1714
Delta R.T. -0.01 min
Lab File: BG037574.D
Acq: 26 Oct 2018 10:39

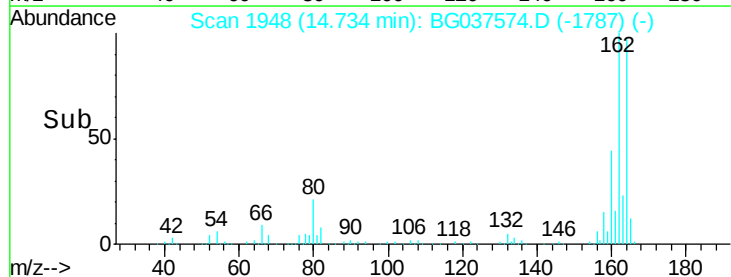
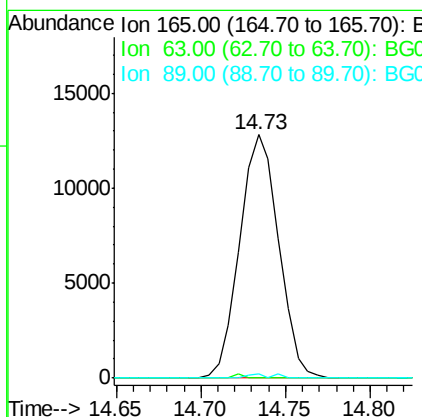
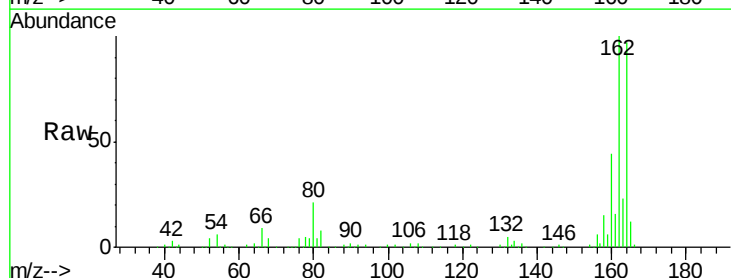
Instrument :
BNA_G
ClientSampleId :
S37-0009

Tgt Ion:172 Resp: 838970
Ion Ratio Lower Upper
172 100
171 39.0 31.0 46.4
170 25.6 20.2 30.2



#51
2,6-Dinitrotoluene
Concen: 7.495 ng
RT: 14.73 min Scan# 1948
Delta R.T. 0.41 min
Lab File: BG037574.D
Acq: 26 Oct 2018 10:39

Tgt Ion:165 Resp: 20598
Ion Ratio Lower Upper
165 100
63 0.0 43.4 65.2#
89 1.7 45.8 68.6#

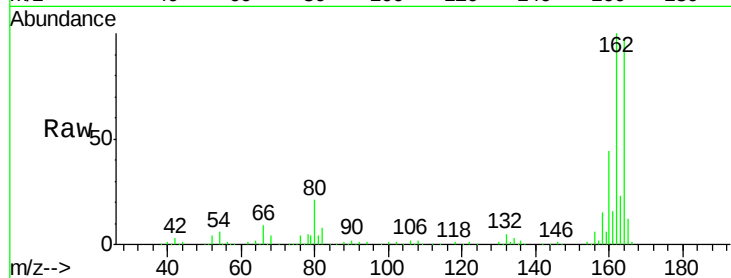




#57
2,4-Dinitrotoluene
Concen: 5.710 ng
RT: 14.73 min Scan# 1948
Delta R.T. -0.37 min
Lab File: BG037574.D
Acq: 26 Oct 2018 10:39

Instrument :
BNA_G
ClientSampleId :
S37-0009

Tgt Ion:	165	Resp:	20598
Ion	Ratio	Lower	Upper
165	100		
63	0.0	33.4	50.0#
89	1.7	57.2	85.8#
182	0.0	2.6	4.0#

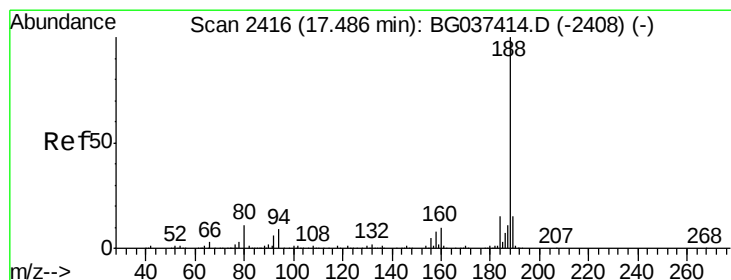
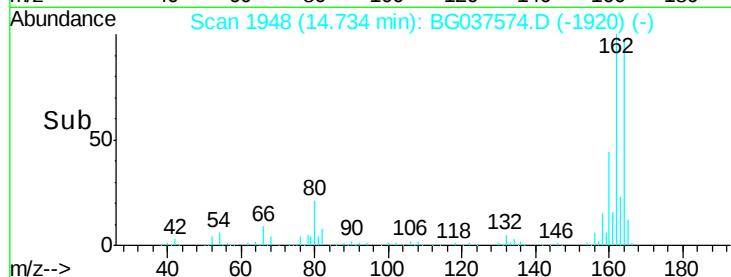
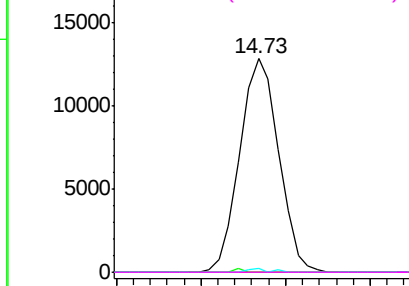


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

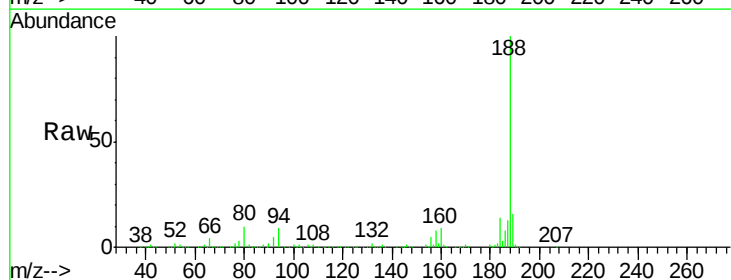
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2416
Delta R.T. -0.00 min
Lab File: BG037574.D
Acq: 26 Oct 2018 10:39

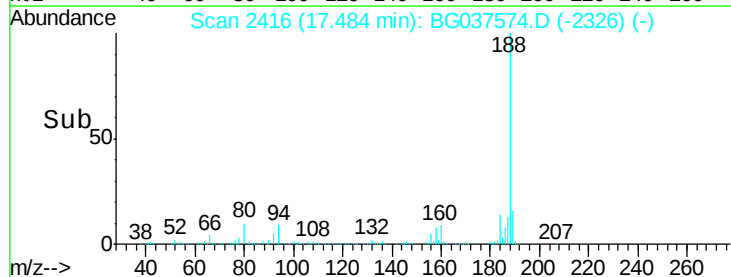
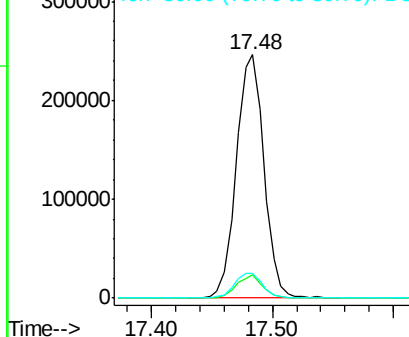
Tgt Ion:	188	Resp:	392385
Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.2	10.8
80	10.1	7.7	11.5



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: 8.756 ng

RT: 16.23 min Scan# 2202

Delta R.T. 0.37 min

Lab File: BG037574.D

Acq: 26 Oct 2018 10:39

Instrument :

BNA_G

ClientSampleId :

S37-0009

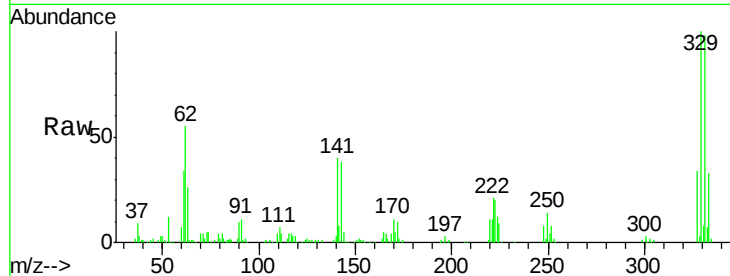
Tgt Ion:198 Resp: 623

Ion Ratio Lower Upper

198 100

51 32.5 22.7 62.7

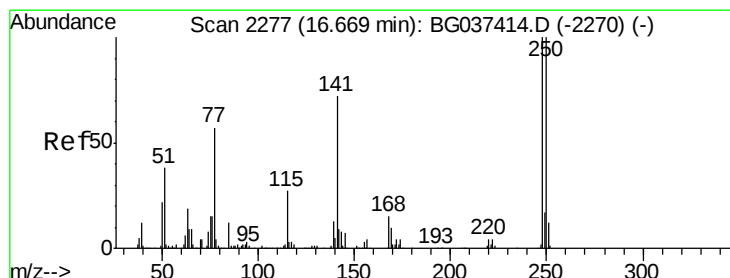
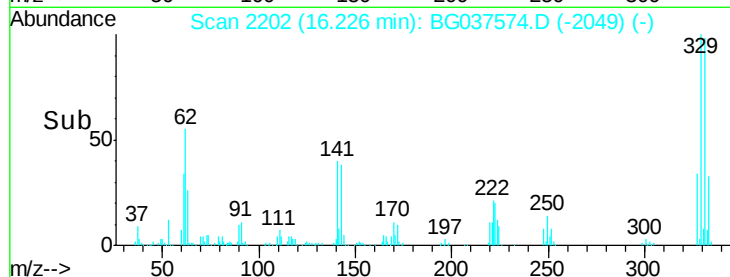
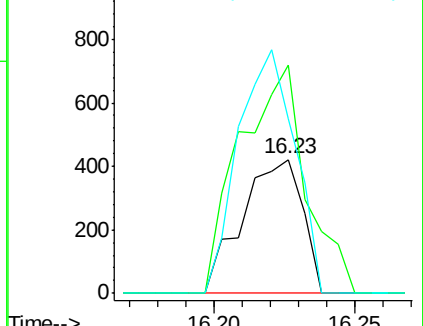
105 24.8 19.7 59.7



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: 3.708 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.45 min

Lab File: BG037574.D

Acq: 26 Oct 2018 10:39

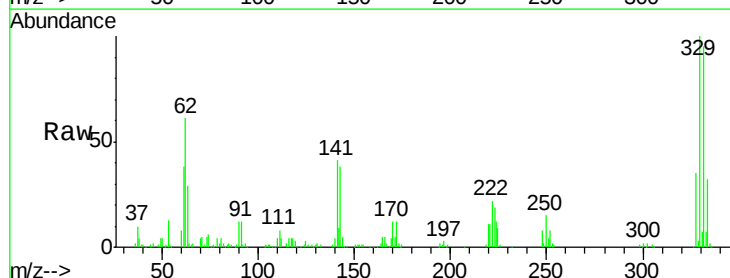
Tgt Ion:248 Resp: 15980

Ion Ratio Lower Upper

248 100

250 191.2 77.0 115.6#

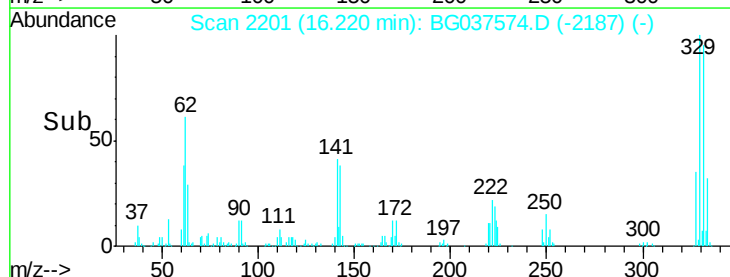
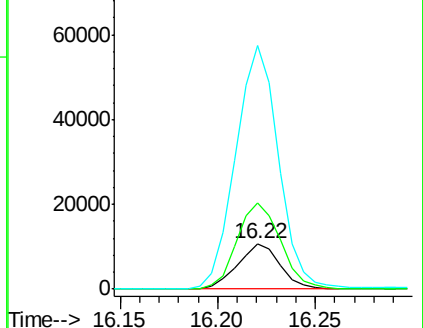
141 411.3 55.5 83.3#

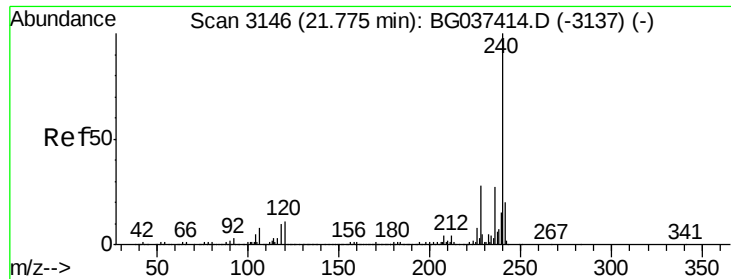


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

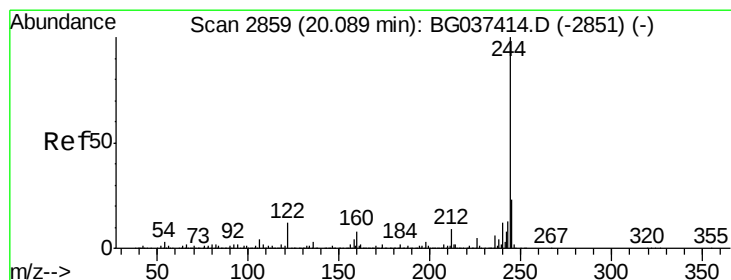
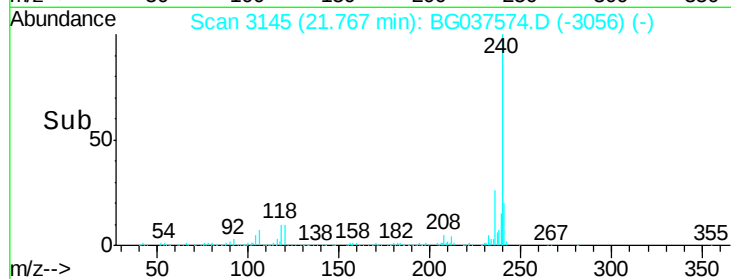
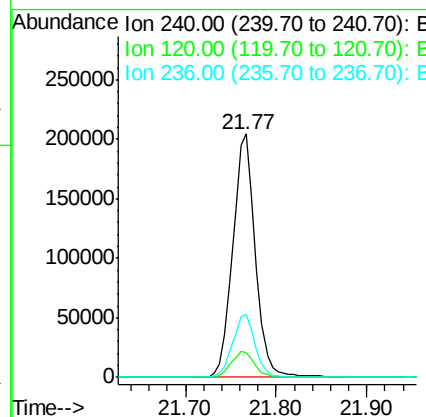
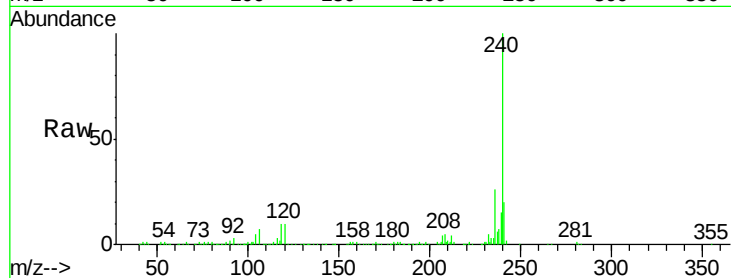




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3145
Delta R.T. -0.01 min
Lab File: BG037574.D
Acq: 26 Oct 2018 10:39

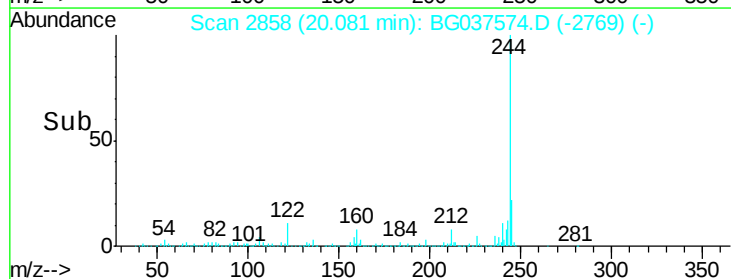
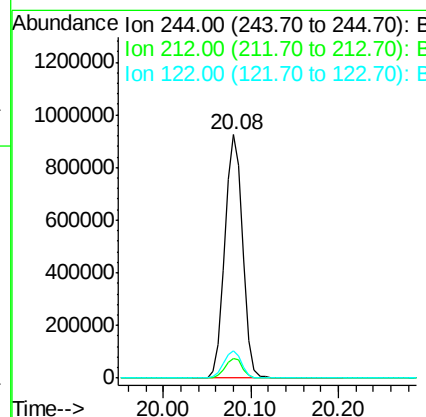
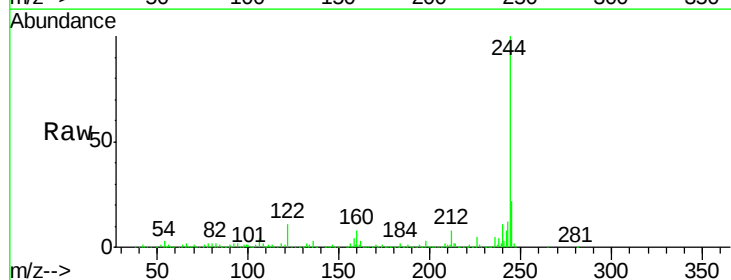
Instrument :
BNA_G
ClientSampled :
S37-0009

Tgt Ion:240 Resp: 354086
Ion Ratio Lower Upper
240 100
120 10.1 8.1 12.1
236 25.9 21.4 32.0



#79
Terphenyl-d14
Concen: 79.112 ng
RT: 20.08 min Scan# 2858
Delta R.T. -0.01 min
Lab File: BG037574.D
Acq: 26 Oct 2018 10:39

Tgt Ion:244 Resp: 1310977
Ion Ratio Lower Upper
244 100
212 8.3 6.5 9.7
122 11.4 9.0 13.4

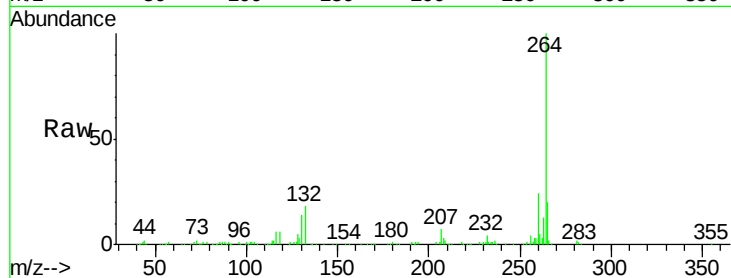




#87
Perylene-d12
Concen: 20.000 ng
RT: 25.10 min Scan# 3712
Delta R.T. -0.01 min
Lab File: BG037574.D
Acq: 26 Oct 2018 10:39

Instrument :
BNA_G
ClientSampleId :
S37-0009

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.2	27.4
265	20.3	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

