

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG103018\
 Data File : BG037671.D
 Acq On : 31 Oct 2018 3:05
 Operator : JU/SJ
 Sample : J5194-12
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HR-05-102618-C

Quant Time: Oct 31 08:04:52 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	60160	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	268291	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	181984	20.00	ng	-0.01
64) Phenanthrene-d10	17.48	188	417244	20.00	ng	0.00
76) Chrysene-d12	21.76	240	385299	20.00	ng	-0.01
87) Perylene-d12	25.10	264	333666	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.64	112	414471	115.18	ng	0.00
7) Phenol-d6	7.24	99	551856	101.42	ng	0.00
23) Nitrobenzene-d5	9.28	82	408181	85.23	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	211454	106.53	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	968603	80.26	ng	-0.01
79) Terphenyl-d14	20.08	244	1438292	79.76	ng	0.00

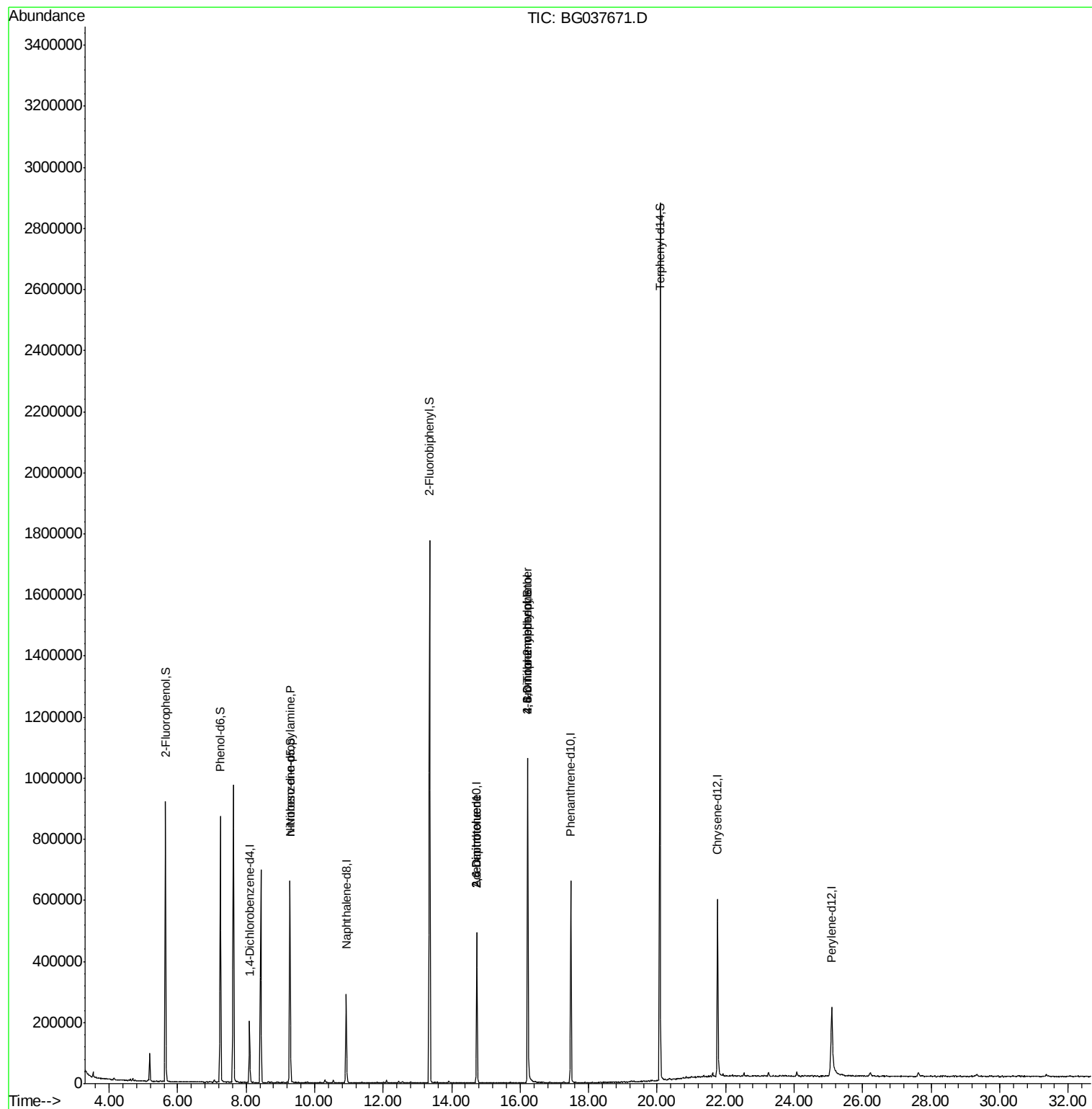
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	9.28	70	52009	13.881	ng	# 72
51) 2,6-Dinitrotoluene	14.74	165	23465	7.534	ng	# 25
57) 2,4-Dinitrotoluene	14.74	165	23465	5.740	ng	# 25
65) 4,6-Dinitro-2-methylphenol	16.22	198	729	8.781	ng	72
67) 4-Bromophenyl-phenylether	16.22	248	15577	3.400	ng	# 1

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG103018\
Data File : BG037671.D
Acq On : 31 Oct 2018 3:05
Operator : JU/SJ
Sample : J5194-12
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HR-05-102618-C

Quant Time: Oct 31 08:04:52 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

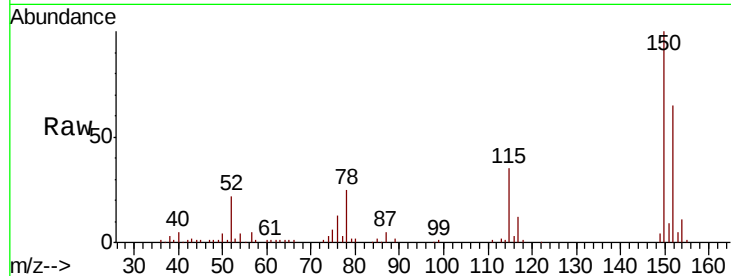




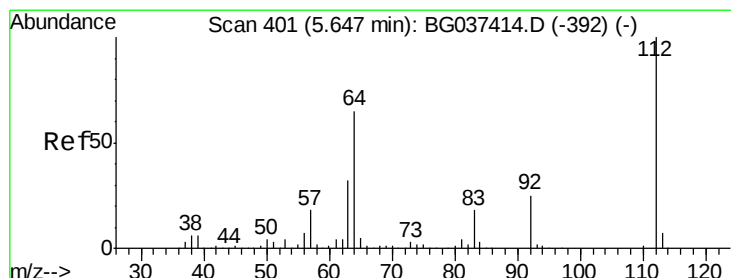
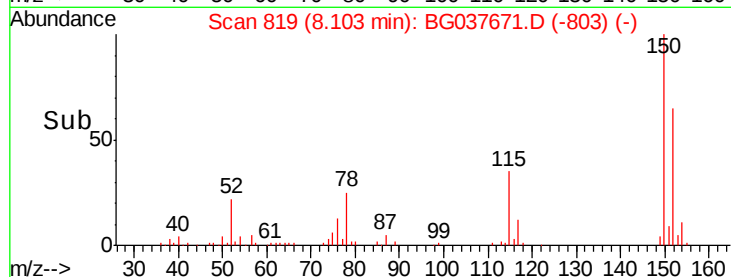
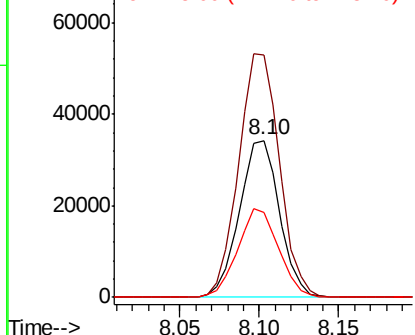
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.10 min Scan# 819
 Delta R.T. -0.01 min
 Lab File: BG037671.D
 Acq: 31 Oct 2018 3:05

Instrument :
 BNA_G
 ClientSampleId :
 HR-05-102618-C

Tgt Ion:152 Resp: 60160
 Ion Ratio Lower Upper
 152 100
 150 154.2 126.0 189.0
 115 54.5 45.5 68.3

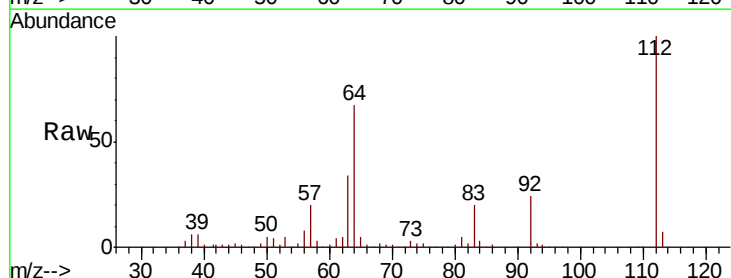


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

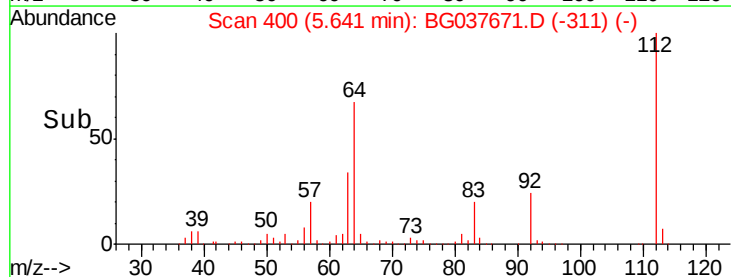
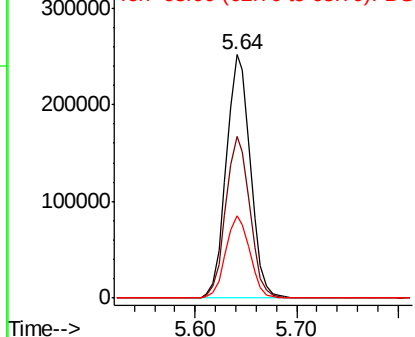


#5
 2-Fluorophenol
 Concen: 115.182 ng
 RT: 5.64 min Scan# 400
 Delta R.T. -0.01 min
 Lab File: BG037671.D
 Acq: 31 Oct 2018 3:05

Tgt Ion:112 Resp: 414471
 Ion Ratio Lower Upper
 112 100
 64 66.6 53.1 79.7
 63 34.1 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: 101.421 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037671.D

Acq: 31 Oct 2018 3:05

Instrument :

BNA_G

ClientSampleId :

HR-05-102618-C

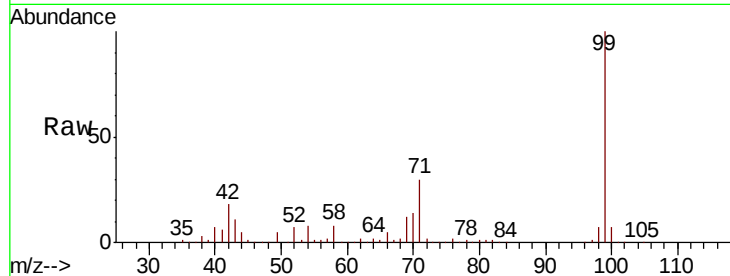
Tgt Ion: 99 Resp: 551856

Ion Ratio Lower Upper

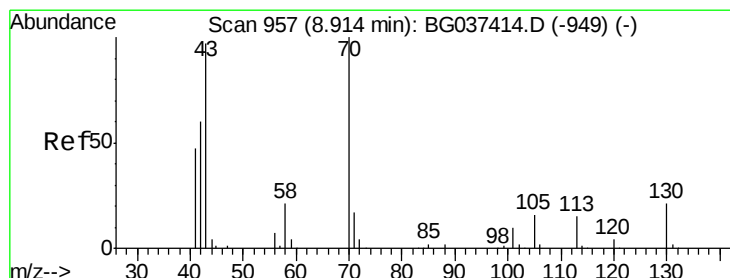
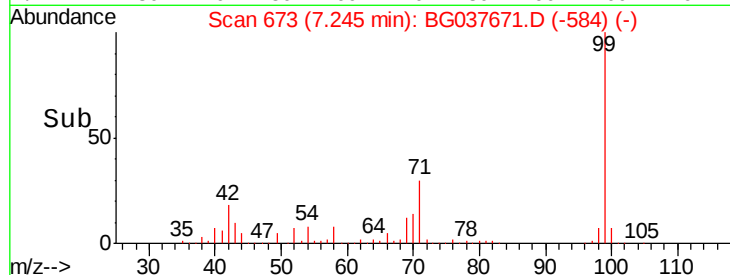
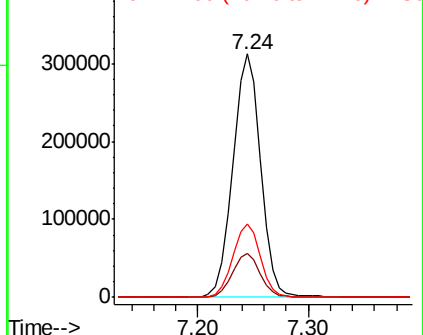
99 100

42 17.8 15.0 22.4

71 30.2 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: 13.881 ng

RT: 9.28 min Scan# 1019

Delta R.T. 0.36 min

Lab File: BG037671.D

Acq: 31 Oct 2018 3:05

Tgt Ion: 70 Resp: 52009

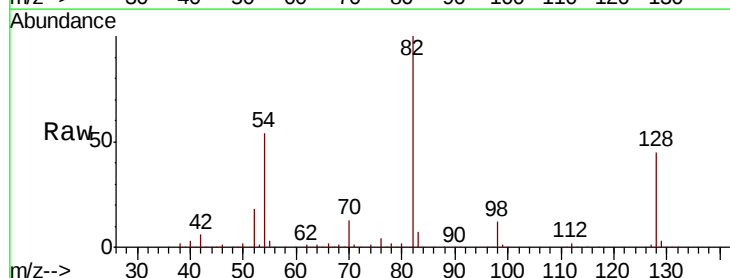
Ion Ratio Lower Upper

70 100

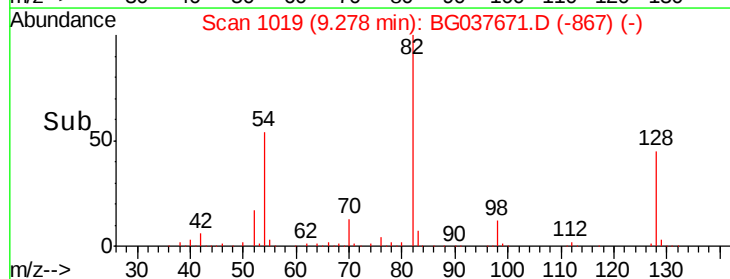
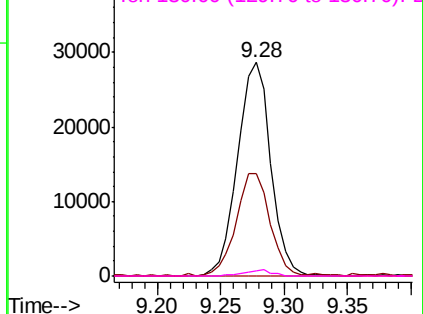
42 48.2 53.9 80.9#

101 0.0 8.2 12.2#

130 2.4 18.2 27.4#



Abundance Ion 70.00 (69.70 to 70.70): BGC
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

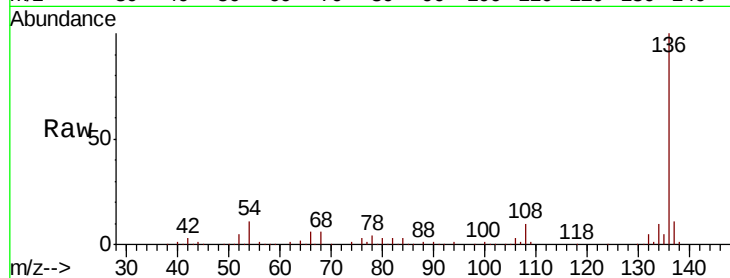




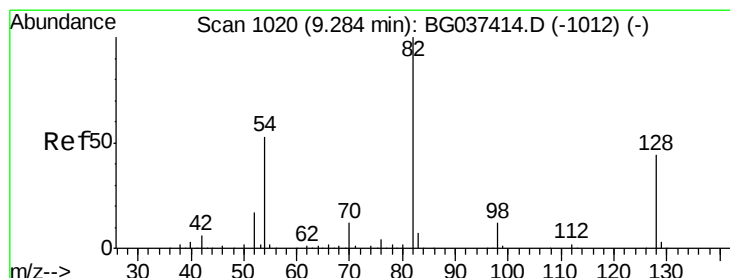
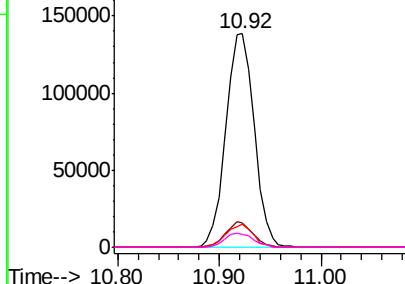
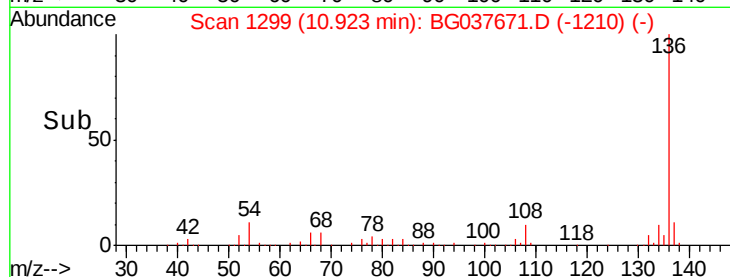
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG037671.D
Acq: 31 Oct 2018 3:05

Instrument :
BNA_G
ClientSampleId :
HR-05-102618-C

Tgt Ion:	136	Resp:	268291
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.6	14.4
54	10.6	7.9	11.9
68	5.9	4.8	7.2

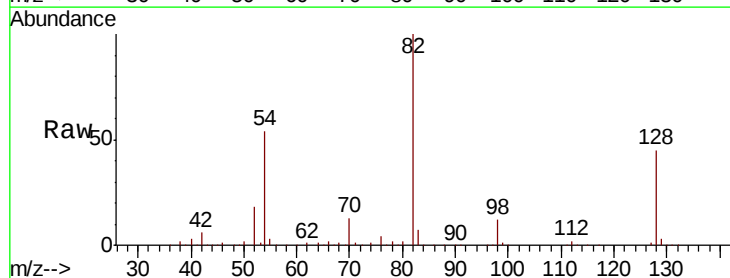


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

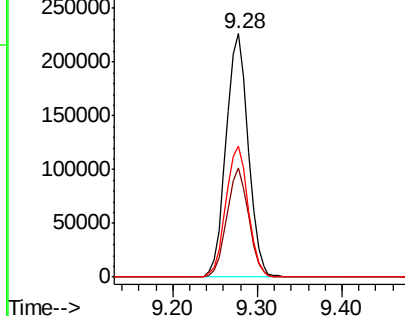
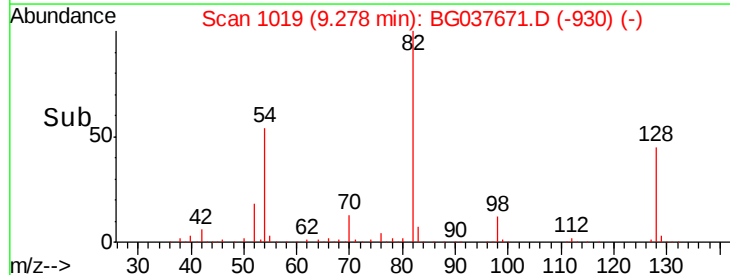


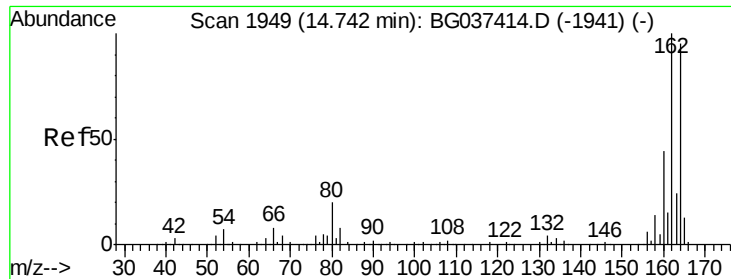
#23
Nitrobenzene-d5
Concen: 85.228 ng
RT: 9.28 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG037671.D
Acq: 31 Oct 2018 3:05

Tgt Ion:	82	Resp:	408181
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): BG
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BG





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.73 min Scan# 1947

Delta R.T. -0.01 min

Lab File: BG037671.D

Acq: 31 Oct 2018 3:05

Instrument :

BNA_G

ClientSampleId :

HR-05-102618-C

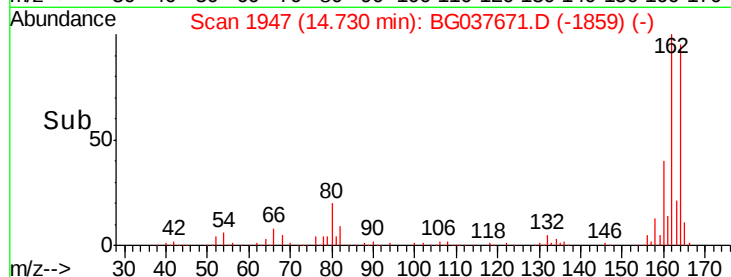
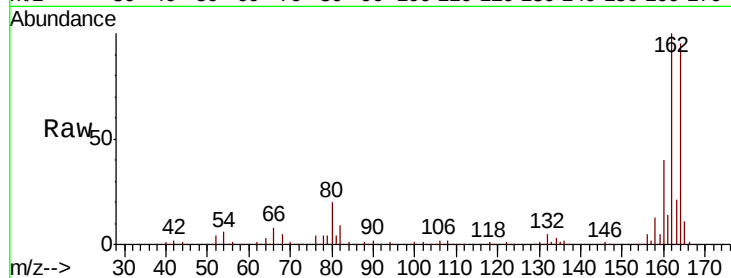
Tgt Ion:164 Resp: 181984

Ion Ratio Lower Upper

164 100

162 104.9 81.3 121.9

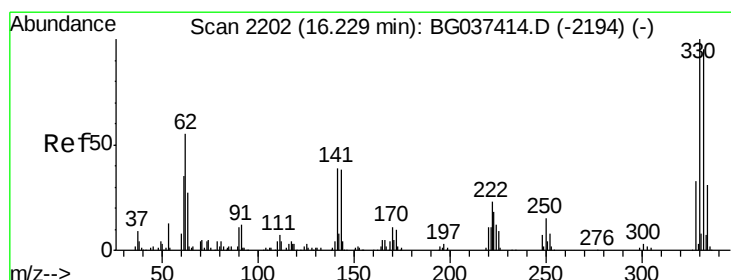
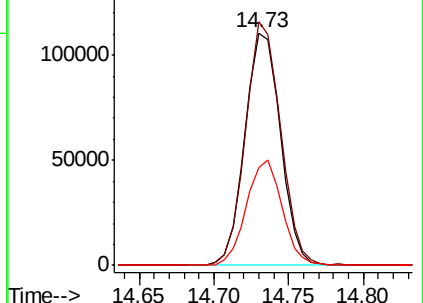
160 42.3 36.3 54.5



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: 106.532 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG037671.D

Acq: 31 Oct 2018 3:05

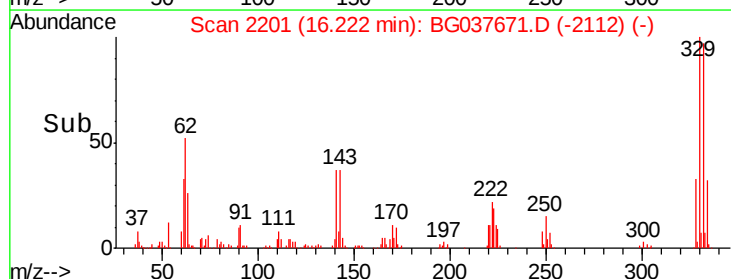
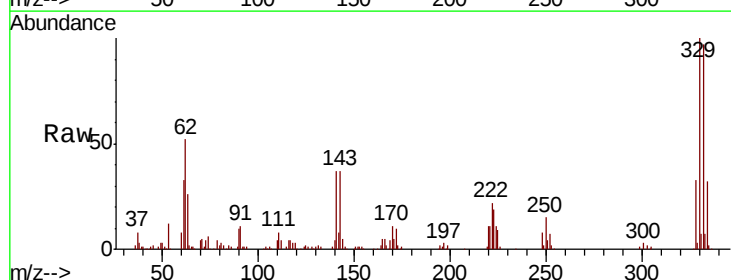
Tgt Ion:330 Resp: 211454

Ion Ratio Lower Upper

330 100

332 96.3 78.4 117.6

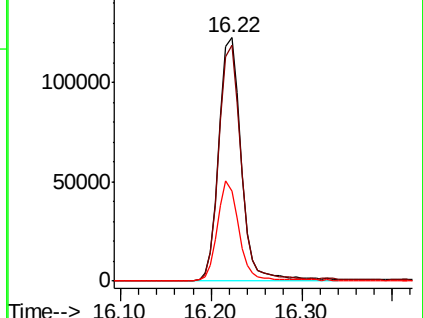
141 38.7 32.2 48.2

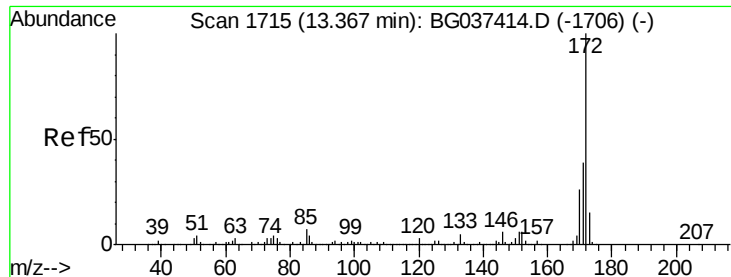


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

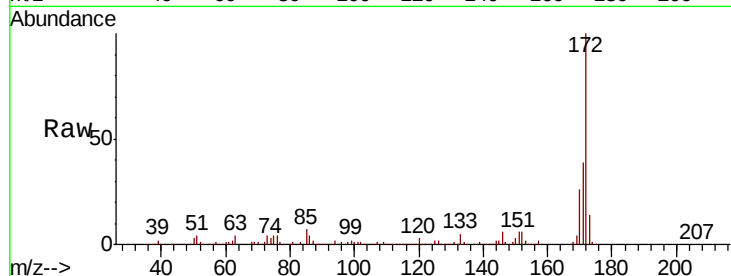




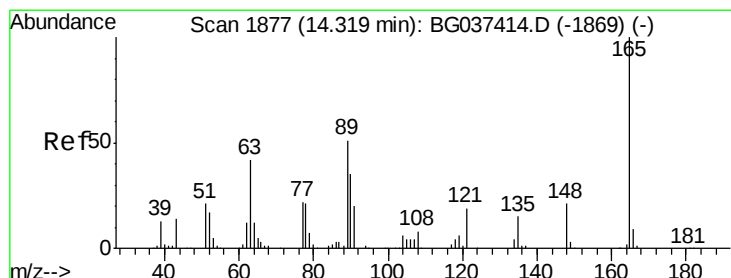
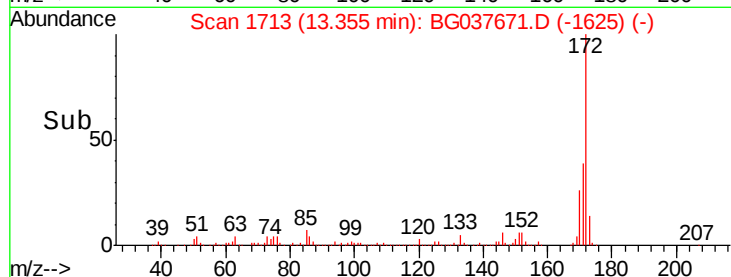
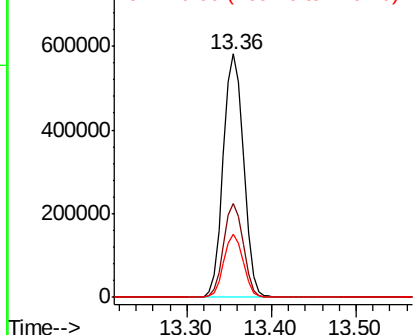
#45
2-Fluorobiphenyl
Concen: 80.260 ng
RT: 13.36 min Scan# 1713
Delta R.T. -0.01 min
Lab File: BG037671.D
Acq: 31 Oct 2018 3:05

Instrument :
BNA_G
ClientSampleId :
HR-05-102618-C

Tgt Ion:172 Resp: 968603
Ion Ratio Lower Upper
172 100
171 38.7 31.0 46.4
170 26.1 20.2 30.2

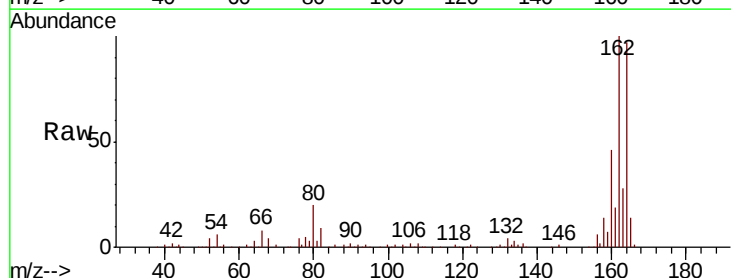


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

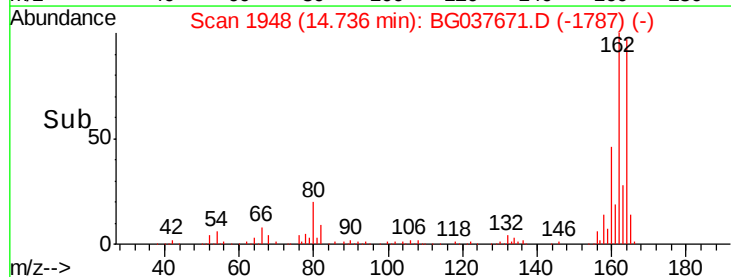
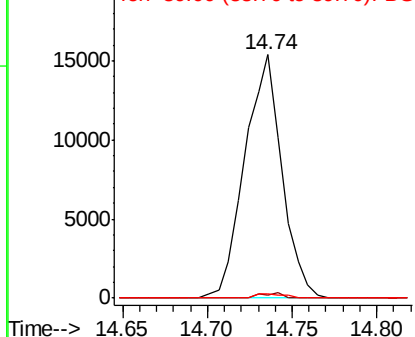


#51
2,6-Dinitrotoluene
Concen: 7.534 ng
RT: 14.74 min Scan# 1948
Delta R.T. 0.42 min
Lab File: BG037671.D
Acq: 31 Oct 2018 3:05

Tgt Ion:165 Resp: 23465
Ion Ratio Lower Upper
165 100
63 1.1 43.4 65.2#
89 1.5 45.8 68.6#



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

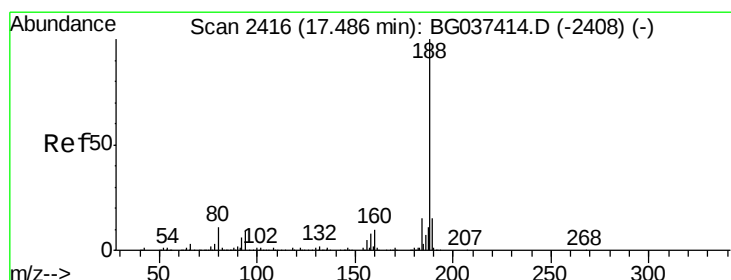
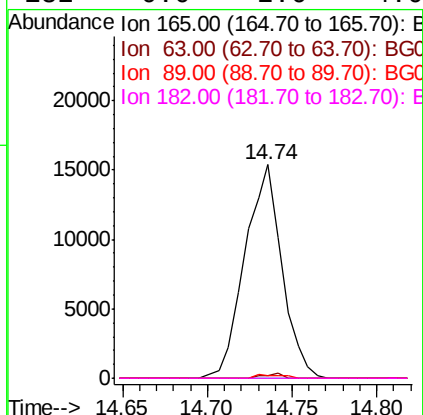
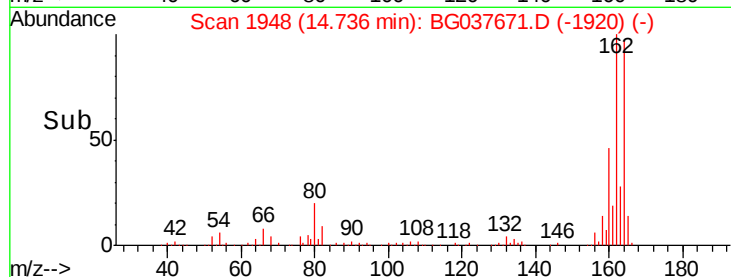
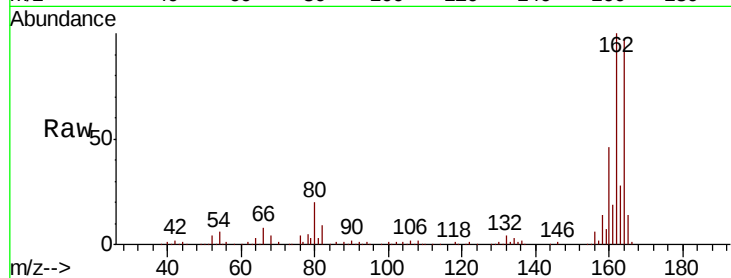




#57
 2,4-Dinitrotoluene
 Concen: 5.740 ng
 RT: 14.74 min Scan# 1948
 Delta R.T. -0.36 min
 Lab File: BG037671.D
 Acq: 31 Oct 2018 3:05

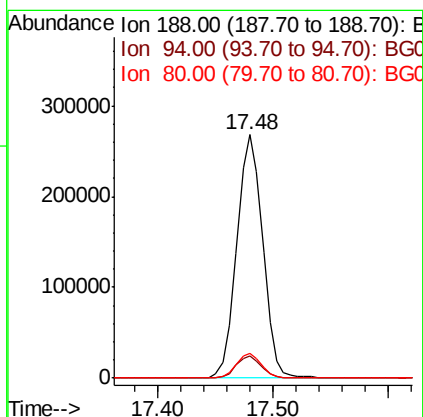
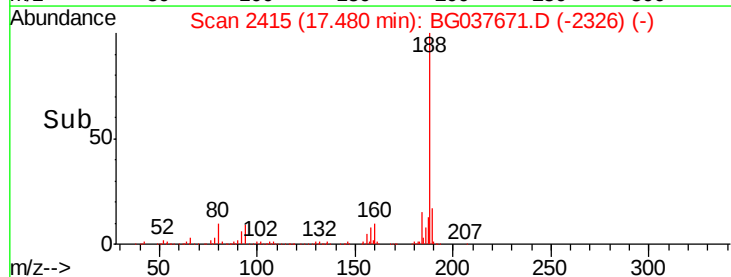
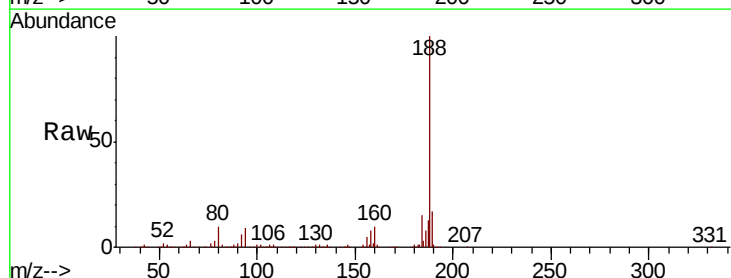
Instrument :
 BNA_G
 ClientSampleId :
 HR-05-102618-C

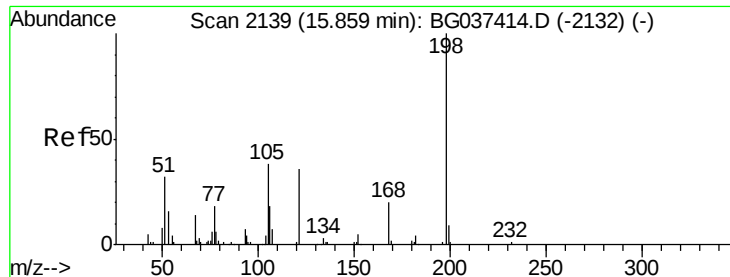
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	33.4	50.0#
89	1.5	57.2	85.8#
182	0.0	2.6	4.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.48 min Scan# 2415
 Delta R.T. -0.01 min
 Lab File: BG037671.D
 Acq: 31 Oct 2018 3:05

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.2	10.8
80	10.3	7.7	11.5





#65

4,6-Dinitro-2-methylphenol

Concen: 8.781 ng

RT: 16.22 min Scan# 2201

Delta R.T. 0.36 min

Lab File: BG037671.D

Acq: 31 Oct 2018 3:05

Instrument :

BNA_G

ClientSampleId :

HR-05-102618-C

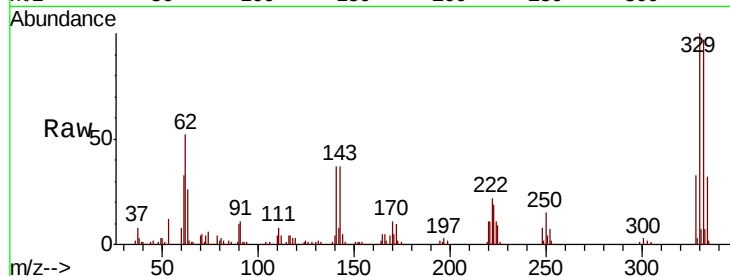
Tgt Ion:198 Resp: 729

Ion Ratio Lower Upper

198 100

51 27.4 22.7 62.7

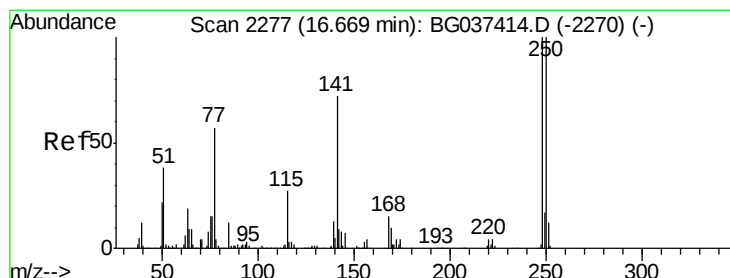
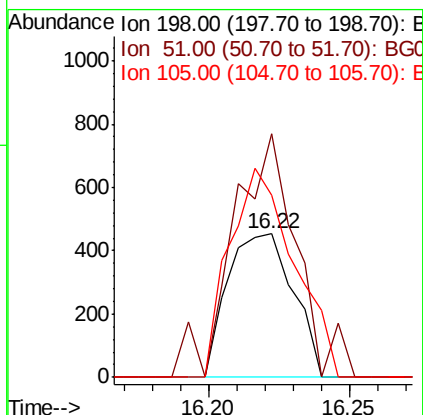
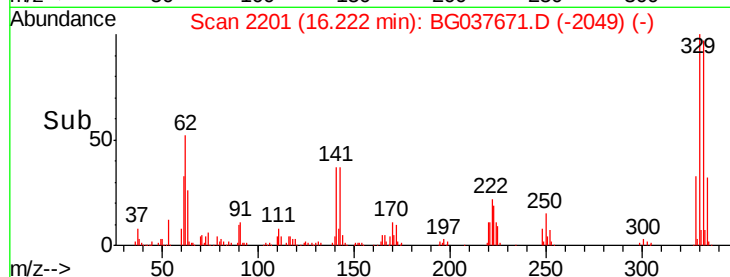
105 20.4 19.7 59.7



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: 3.400 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.45 min

Lab File: BG037671.D

Acq: 31 Oct 2018 3:05

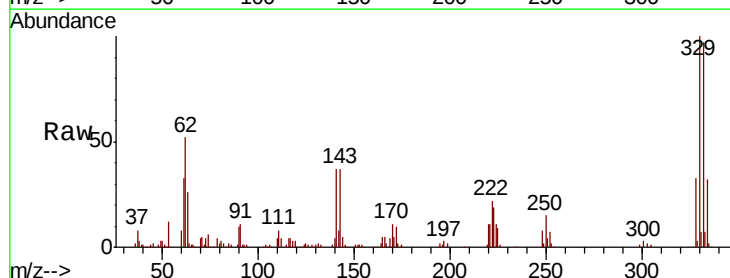
Tgt Ion:248 Resp: 15577

Ion Ratio Lower Upper

248 100

250 193.2 77.0 115.6#

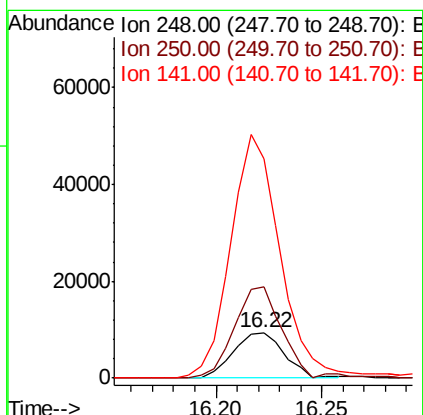
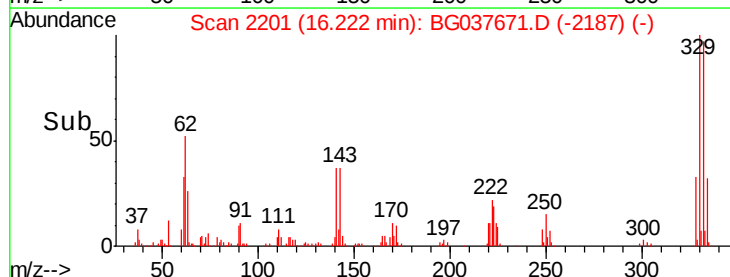
141 364.6 55.5 83.3#

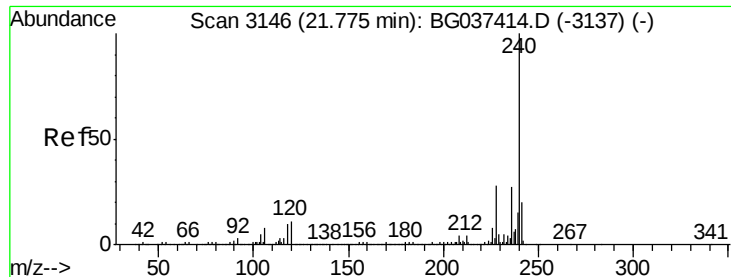


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

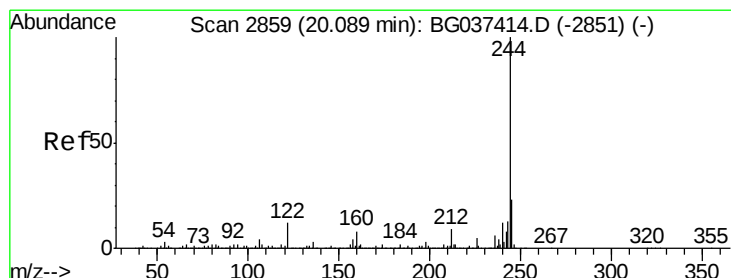
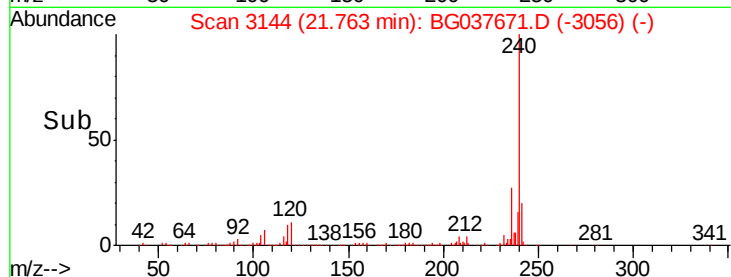
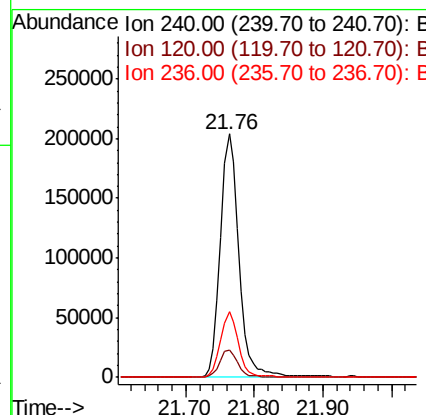
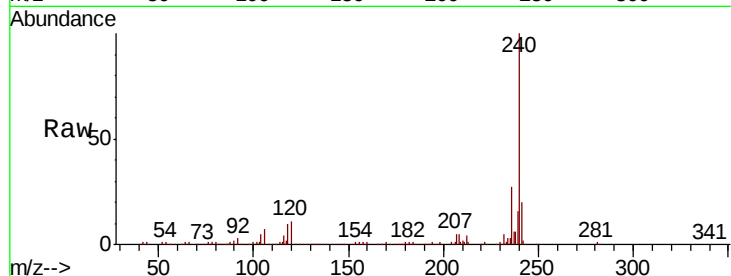




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3144
Delta R.T. -0.01 min
Lab File: BG037671.D
Acq: 31 Oct 2018 3:05

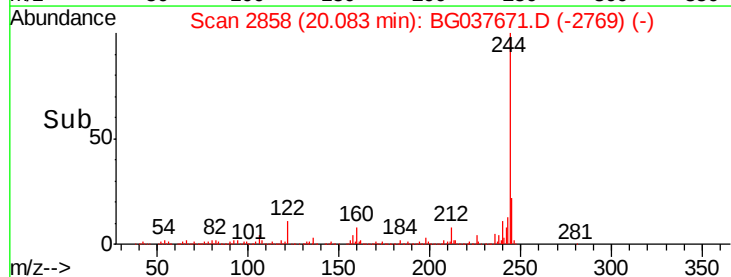
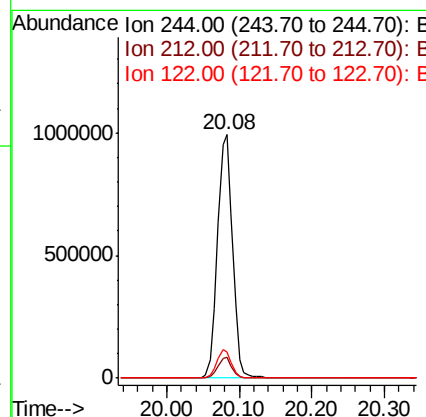
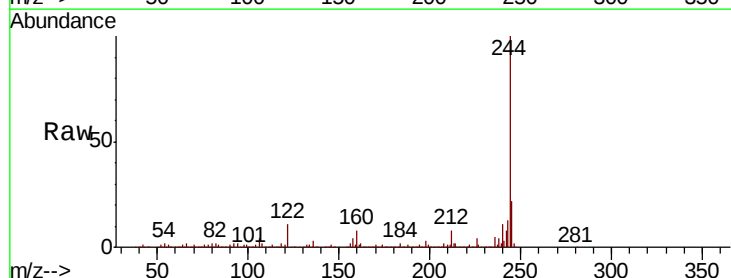
Instrument :
BNA_G
ClientSampleId :
HR-05-102618-C

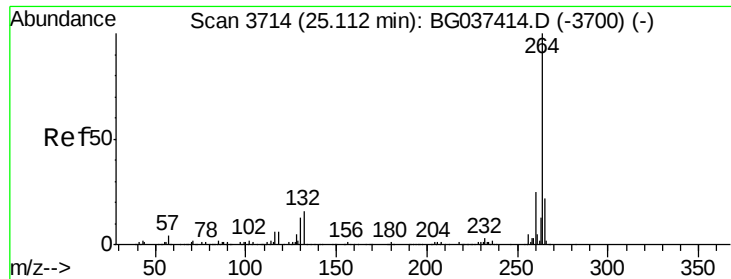
Tgt Ion:240 Resp: 385299
Ion Ratio Lower Upper
240 100
120 11.4 8.1 12.1
236 27.0 21.4 32.0



#79
Terphenyl-d14
Concen: 79.764 ng
RT: 20.08 min Scan# 2858
Delta R.T. -0.01 min
Lab File: BG037671.D
Acq: 31 Oct 2018 3:05

Tgt Ion:244 Resp: 1438292
Ion Ratio Lower Upper
244 100
212 8.3 6.5 9.7
122 10.6 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: BG037671.D
Acq: 31 Oct 2018 3:05

Instrument :
BNA_G
ClientSampleId :
HR-05-102618-C

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.2	27.4
265	20.3	17.9	26.9

