

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110618\
 Data File : BG037852.D
 Acq On : 6 Nov 2018 23:56
 Operator : JU/SJ
 Sample : J5764-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 07 08:22:13 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

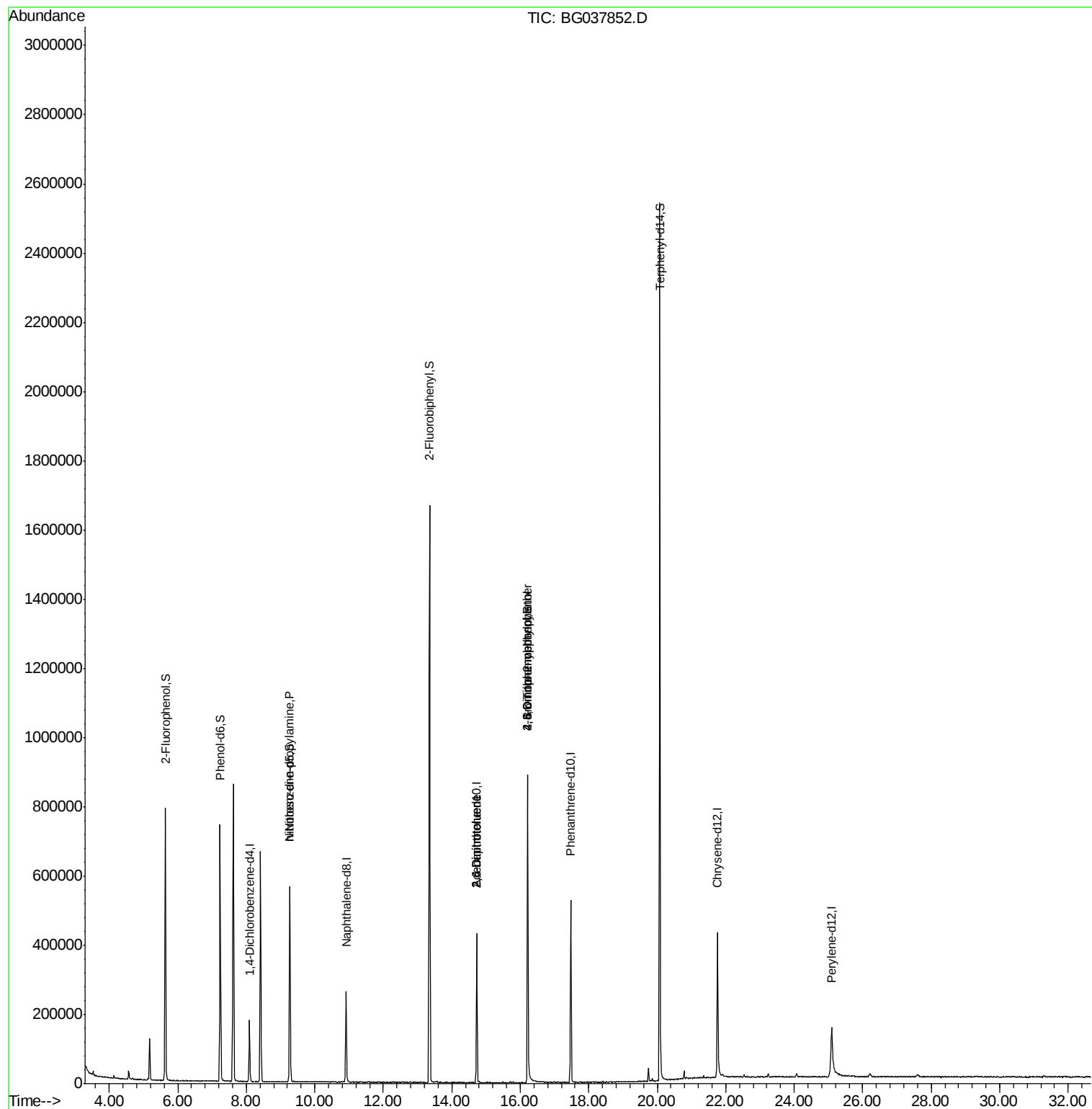
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	53060	20.00	ng	-0.01
21) Naphthalene-d8	10.91	136	236985	20.00	ng	-0.01
39) Acenaphthene-d10	14.73	164	159354	20.00	ng	-0.01
64) Phenanthrene-d10	17.48	188	352645	20.00	ng	0.00
76) Chrysene-d12	21.76	240	309403	20.00	ng	-0.01
87) Perylene-d12	25.09	264	226991	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	372525	117.38	ng	0.00
7) Phenol-d6	7.24	99	492055	102.53	ng	-0.01
23) Nitrobenzene-d5	9.27	82	369851	87.43	ng	-0.01
42) 2,4,6-Tribromophenol	16.21	330	179529	103.29	ng	-0.01
45) 2-Fluorobiphenyl	13.35	172	909544	86.07	ng	-0.01
79) Terphenyl-d14	20.07	244	1290980	89.16	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.28	70	46573	14.09	ng	# 68
51) 2,6-Dinitrotoluene	14.73	165	20726	7.60	ng	# 24
57) 2,4-Dinitrotoluene	14.73	165	20726	5.79	ng	# 24
65) 4,6-Dinitro-2-methylphenol	16.21	198	439	8.70	ng	# 14
67) 4-Bromophenyl-phenylether	16.21	248	12095	3.12	ng	# 1

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

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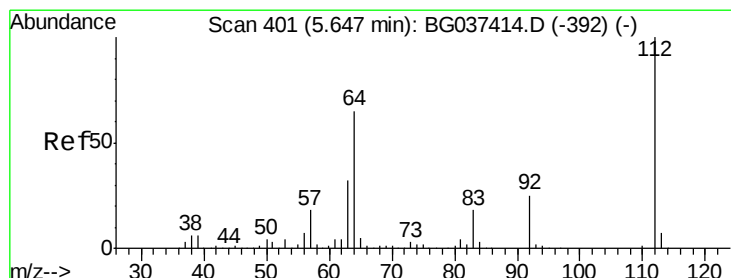
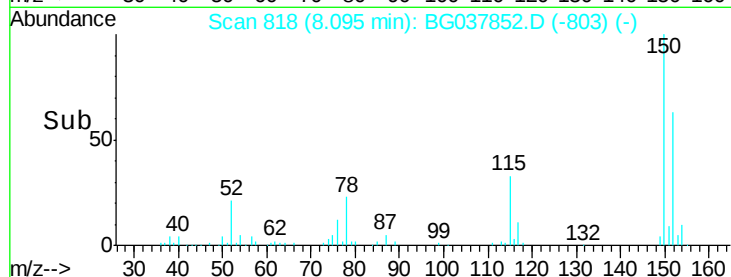
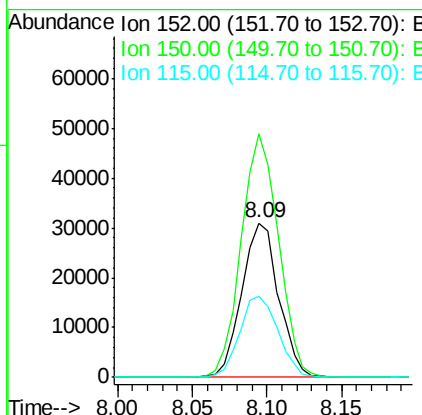
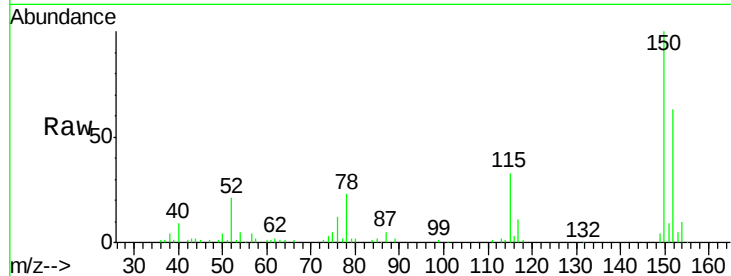


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.09 min Scan# 818
Delta R.T. -0.01 min
Lab File: BG037852.D
Acq: 6 Nov 2018 23:56

Instrument :
BNA_G
ClientSampleId :

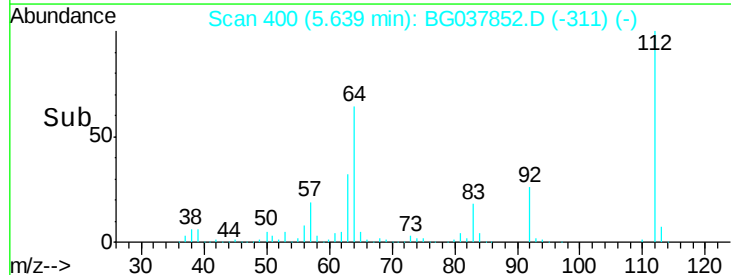
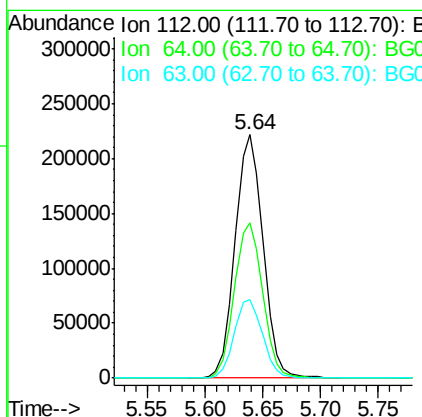
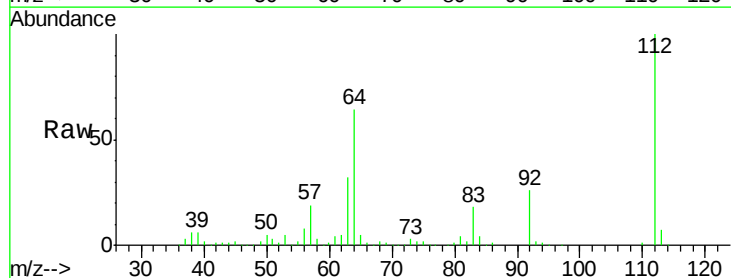
Tot Ion:152 Resp: 53060
Ion Ratio Lower Upper
152 100
150 157.7 126.0 189.0
115 52.6 45.5 68.3



#5

2-Fluorophenol
Concen: 117.38 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG037852.D
Acq: 6 Nov 2018 23:56

Tgt Ion:112 Resp: 372525
Ion Ratio Lower Upper
112 100
64 63.6 53.1 79.7
63 32.4 27.3 40.9





#7

Phenol-d6

Concen: 102.53 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.01 min

Lab File: BG037852.D

Acq: 6 Nov 2018 23:56

Instrument :

BNA_G

ClientSampleId :

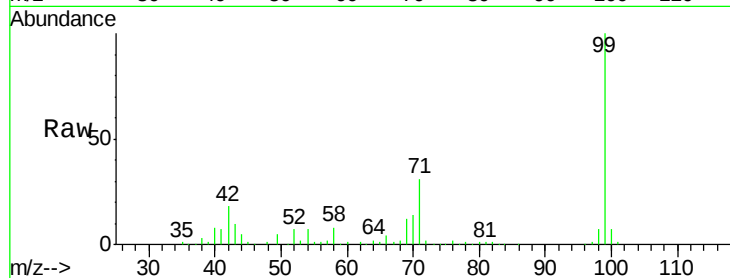
Tot Ion: 99 Resp: 492055

Ion Ratio Lower Upper

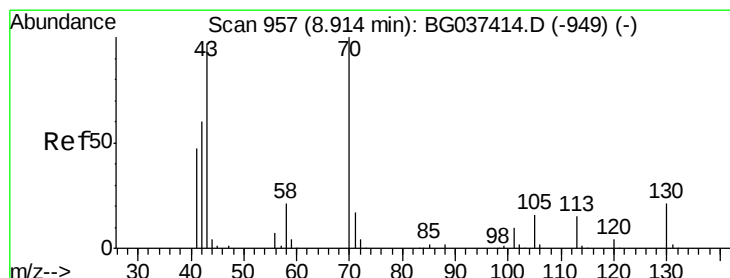
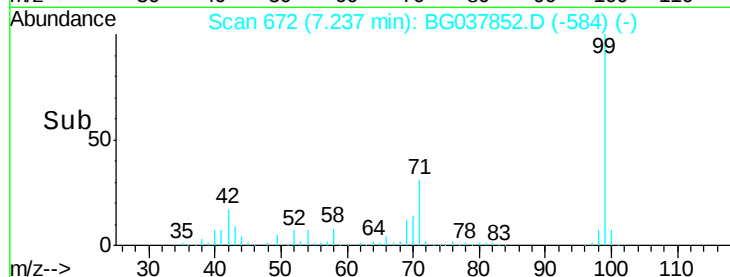
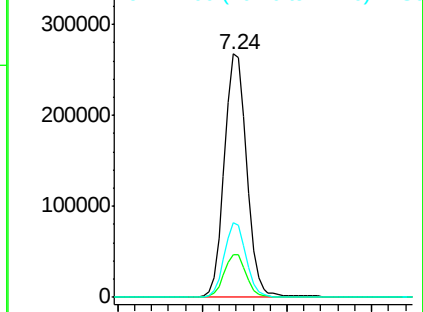
99 100

42 17.6 15.0 22.4

71 30.6 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: 14.09 ng

RT: 9.28 min Scan# 1019

Delta R.T. 0.36 min

Lab File: BG037852.D

Acq: 6 Nov 2018 23:56

Tgt Ion: 70 Resp: 46573

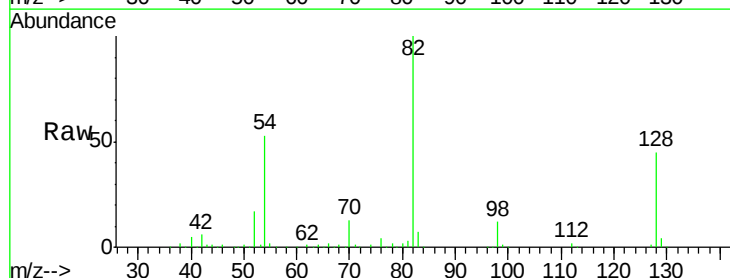
Ion Ratio Lower Upper

70 100

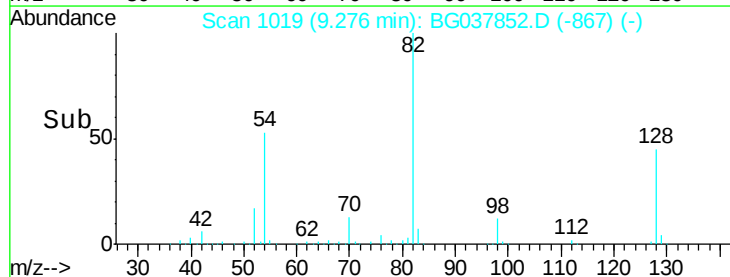
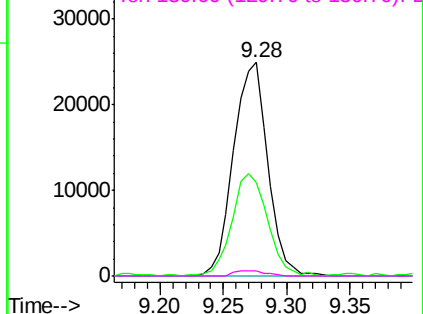
42 43.7 53.9 80.9#

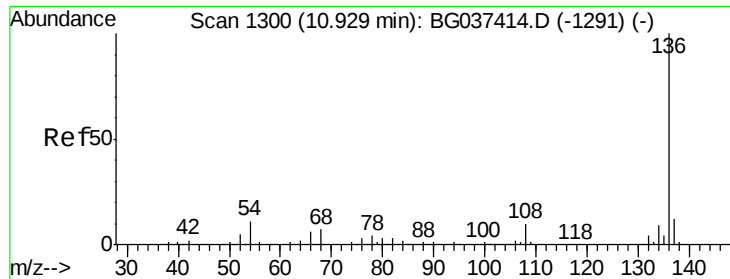
101 0.0 8.2 12.2#

130 2.3 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

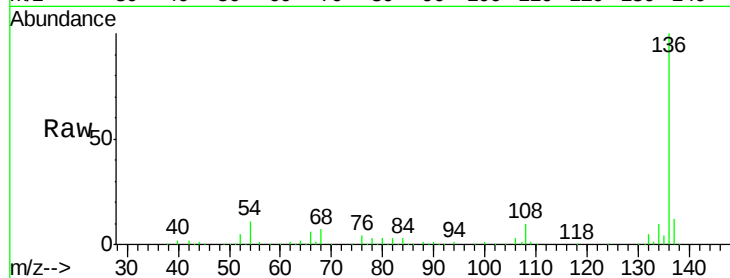




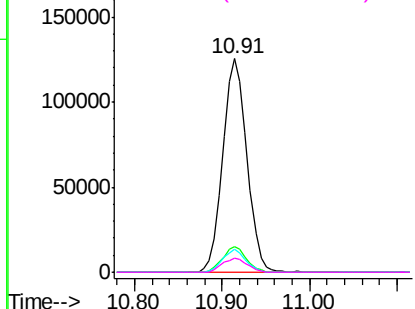
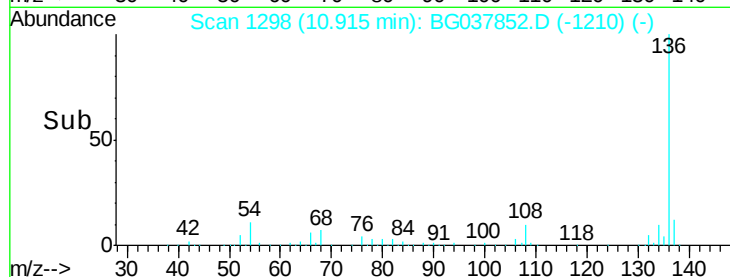
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.91 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BG037852.D
Acq: 6 Nov 2018 23:56

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	236985
Ion	Ratio	Lower	Upper
136	100		
137	12.2	9.6	14.4
54	11.0	7.9	11.9
68	6.5	4.8	7.2

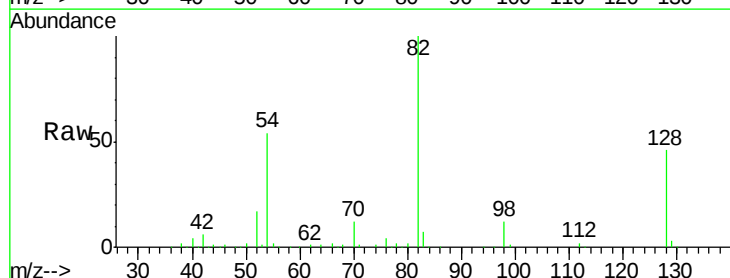


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

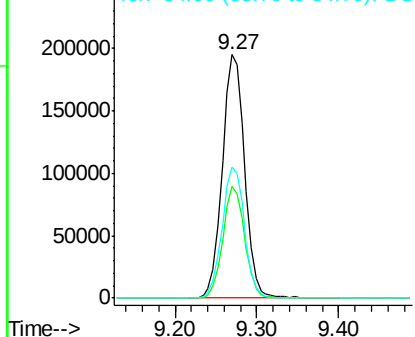
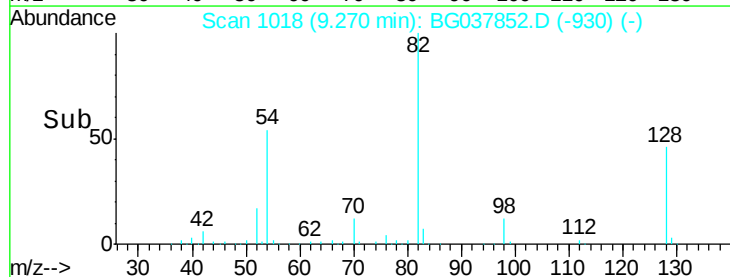


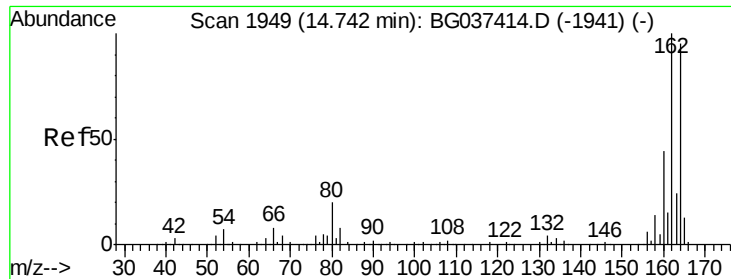
#23
Nitrobenzene-d5
Concen: 87.43 ng
RT: 9.27 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BG037852.D
Acq: 6 Nov 2018 23:56

Tgt Ion:	82	Resp:	369851
Ion	Ratio	Lower	Upper
82	100		
128	45.9	34.6	51.8
54	54.0	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: 20.00 ng

RT: 14.73 min Scan# 1947

Delta R.T. -0.01 min

Lab File: BG037852.D

Acq: 6 Nov 2018 23:56

Instrument :

BNA_G

ClientSampleId :

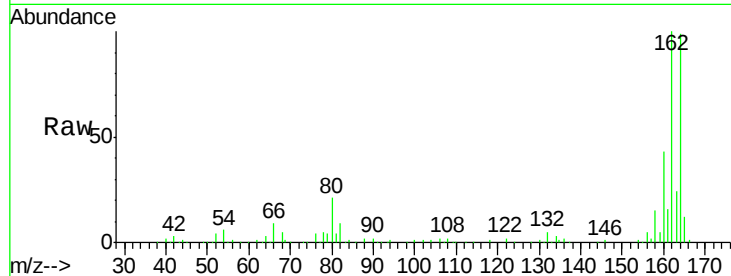
Tot Ion:164 Resp: 159354

Ion Ratio Lower Upper

164 100

162 101.1 81.3 121.9

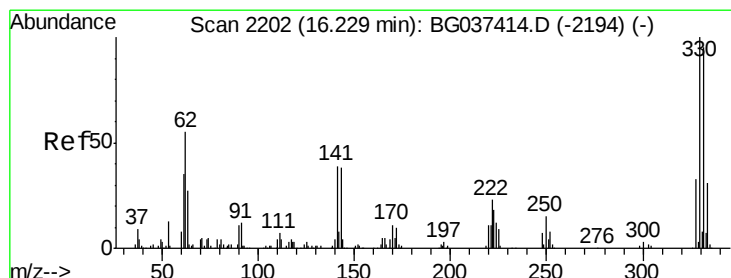
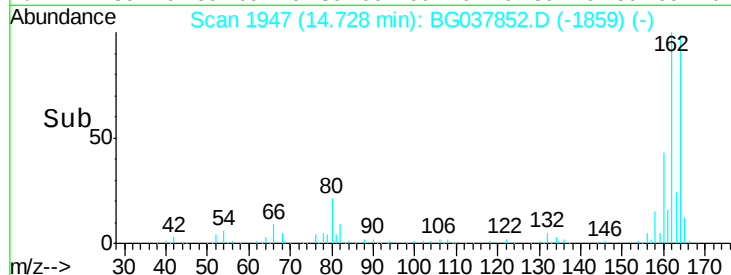
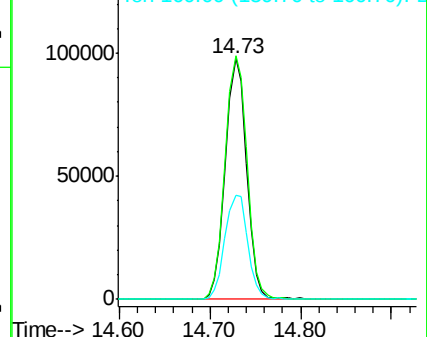
160 43.1 36.3 54.5



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: 103.29 ng

RT: 16.21 min Scan# 2200

Delta R.T. -0.01 min

Lab File: BG037852.D

Acq: 6 Nov 2018 23:56

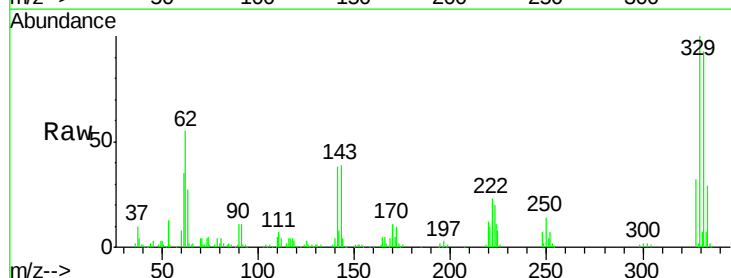
Tgt Ion:330 Resp: 179529

Ion Ratio Lower Upper

330 100

332 95.8 78.4 117.6

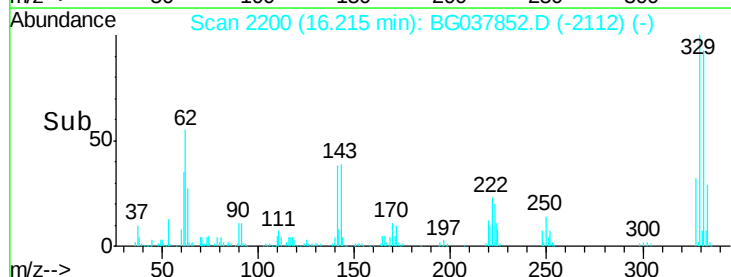
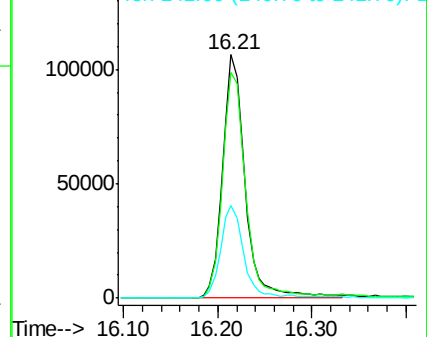
141 39.2 32.2 48.2



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

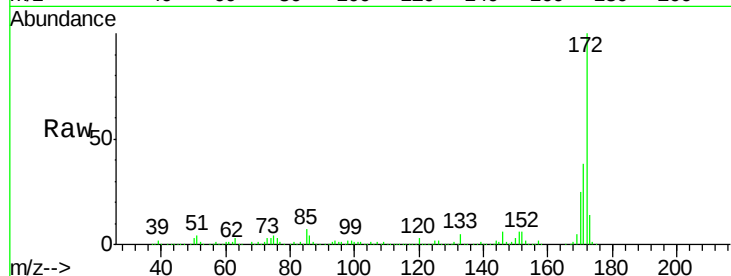




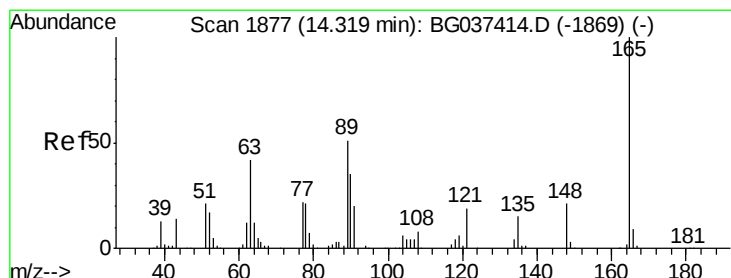
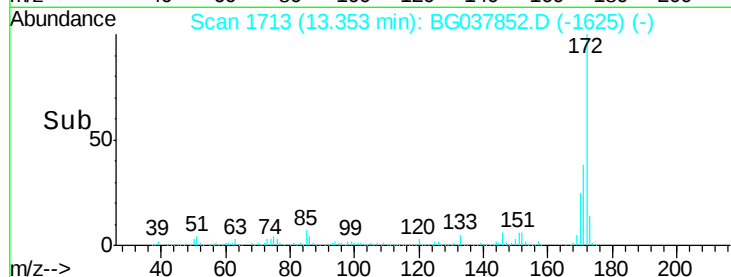
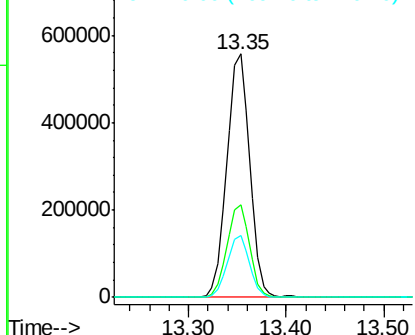
#45
 2-Fluorobiphenyl
 Concen: 86.07 ng
 RT: 13.35 min Scan# 1713
 Delta R.T. -0.01 min
 Lab File: BG037852.D
 Acq: 6 Nov 2018 23:56

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:172 Resp: 909544
 Ion Ratio Lower Upper
 172 100
 171 38.2 31.0 46.4
 170 25.4 20.2 30.2

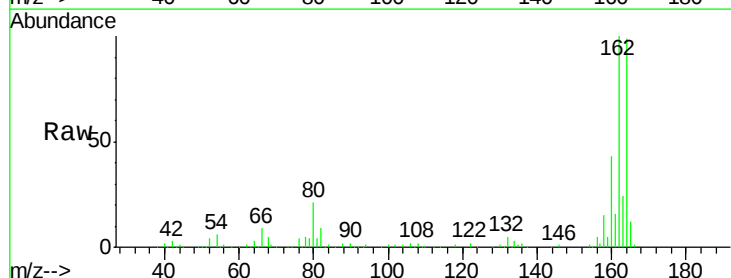


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

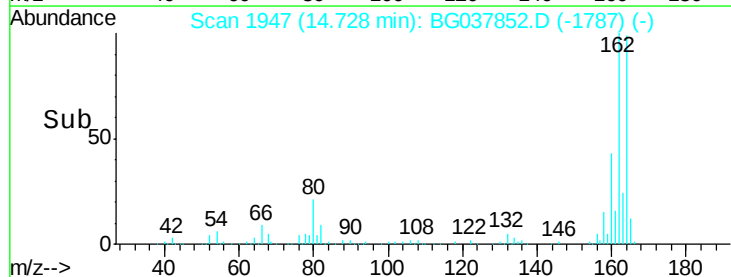
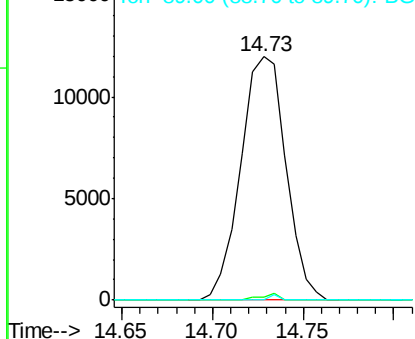


#51
 2,6-Dinitrotoluene
 Concen: 7.60 ng
 RT: 14.73 min Scan# 1947
 Delta R.T. 0.41 min
 Lab File: BG037852.D
 Acq: 6 Nov 2018 23:56

Tgt Ion:165 Resp: 20726
 Ion Ratio Lower Upper
 165 100
 63 1.3 43.4 65.2#
 89 0.0 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

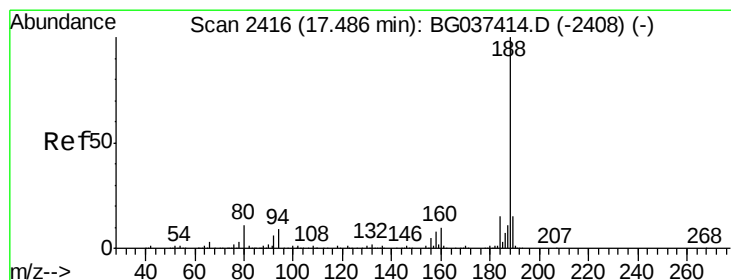
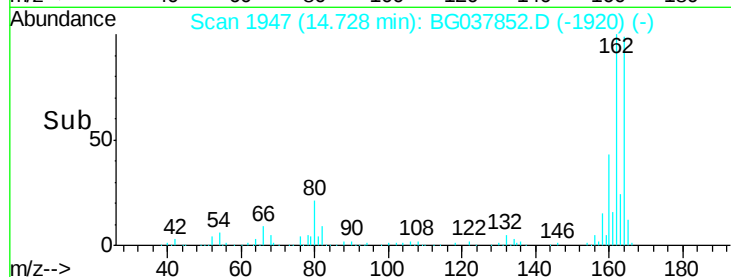
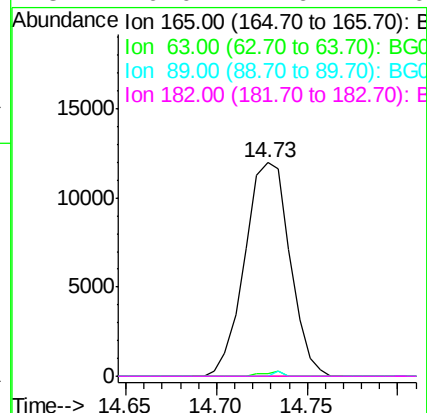
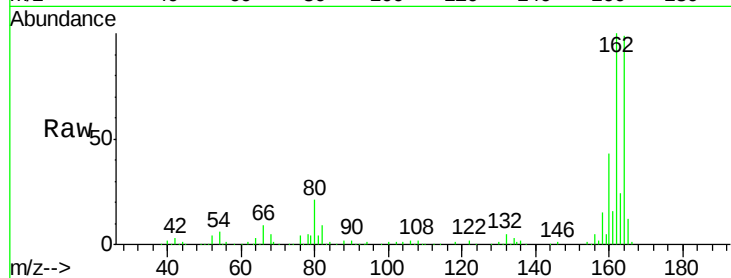




#57
 2,4-Dinitrotoluene
 Concen: 5.79 ng
 RT: 14.73 min Scan# 1947
 Delta R.T. -0.37 min
 Lab File: BG037852.D
 Acq: 6 Nov 2018 23:56

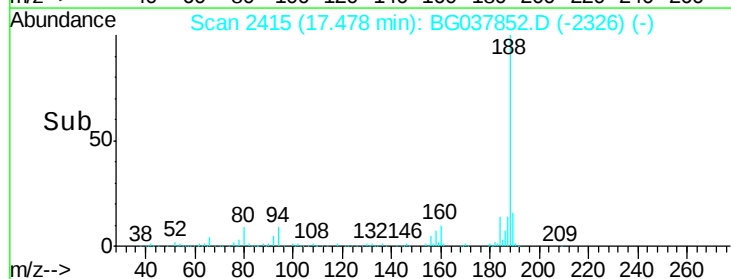
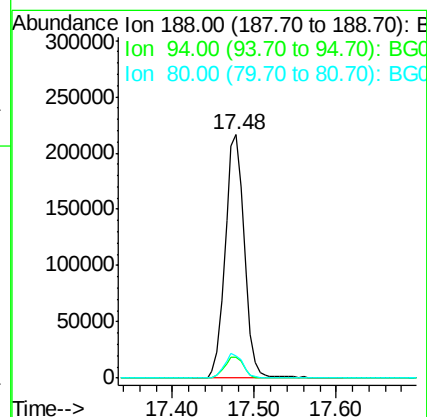
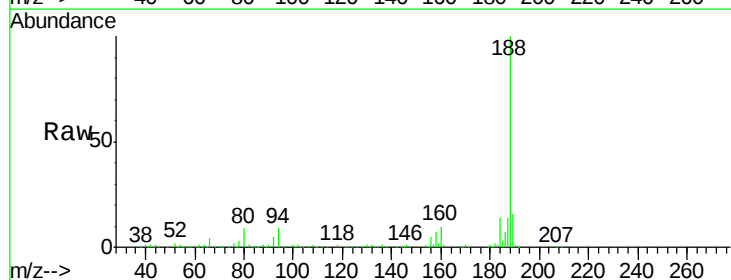
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	33.4	50.0#
89	0.0	57.2	85.8#
182	0.0	2.6	4.0#



#64
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.48 min Scan# 2415
 Delta R.T. -0.01 min
 Lab File: BG037852.D
 Acq: 6 Nov 2018 23:56

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.2	10.8
80	9.3	7.7	11.5

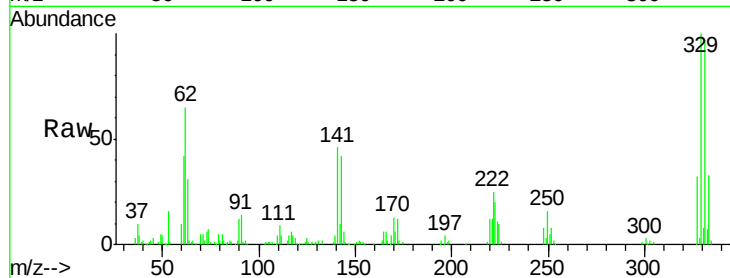




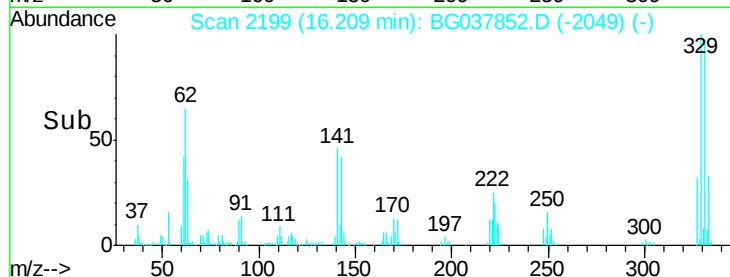
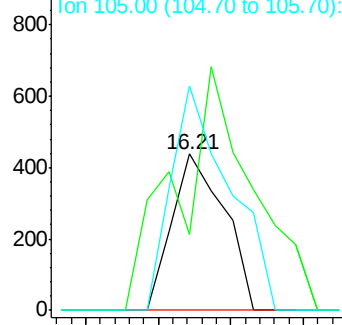
#65
 4,6-Dinitro-2-methylphenol
 Concen: 8.70 ng
 RT: 16.21 min Scan# 2199
 Delta R.T. 0.35 min
 Lab File: BG037852.D
 Acq: 6 Nov 2018 23:56

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:198 Resp: 439
 Ion Ratio Lower Upper
 198 100
 51 48.4 22.7 62.7
 105 143.6 19.7 59.7#

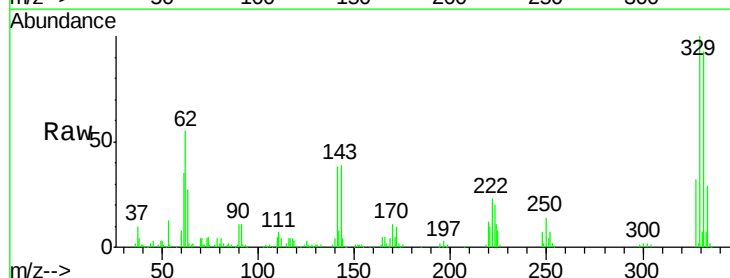


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

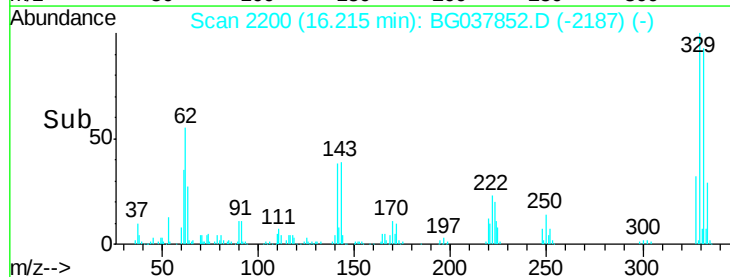
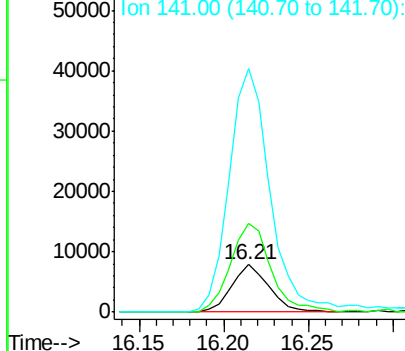


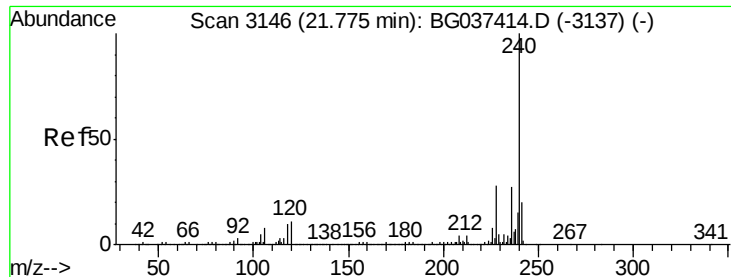
#67
 4-Bromophenyl-phenylether
 Concen: 3.12 ng
 RT: 16.21 min Scan# 2200
 Delta R.T. -0.45 min
 Lab File: BG037852.D
 Acq: 6 Nov 2018 23:56

Tgt Ion:248 Resp: 12095
 Ion Ratio Lower Upper
 248 100
 250 187.8 77.0 115.6#
 141 393.3 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

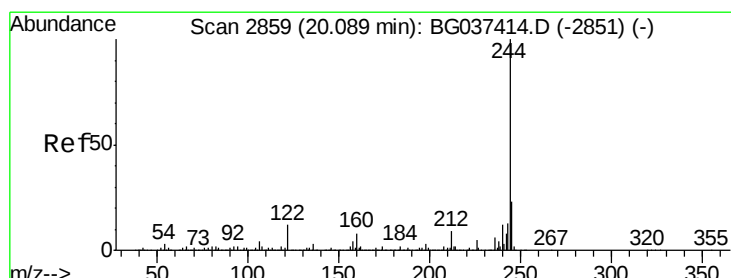
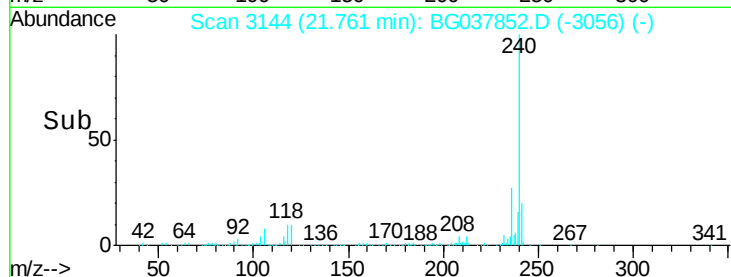
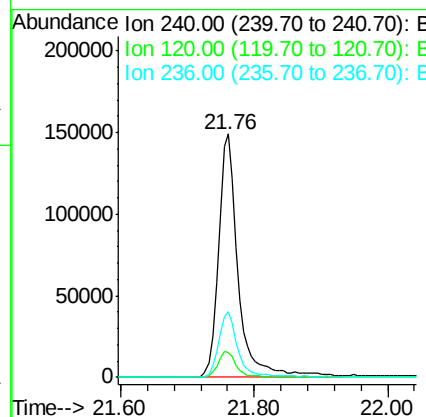
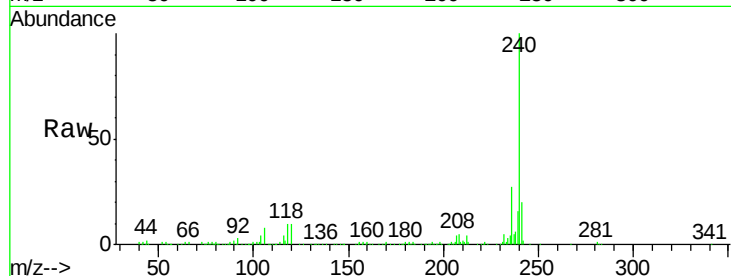




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.76 min Scan# 3144
Delta R.T. -0.01 min
Lab File: BG037852.D
Acq: 6 Nov 2018 23:56

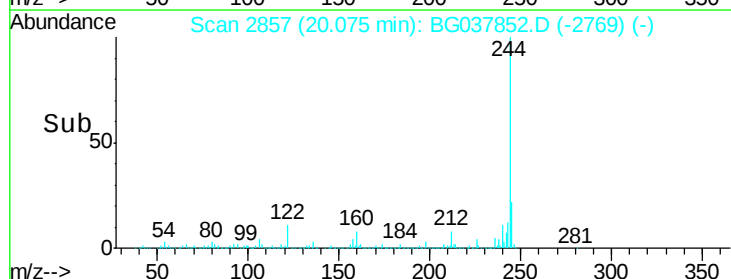
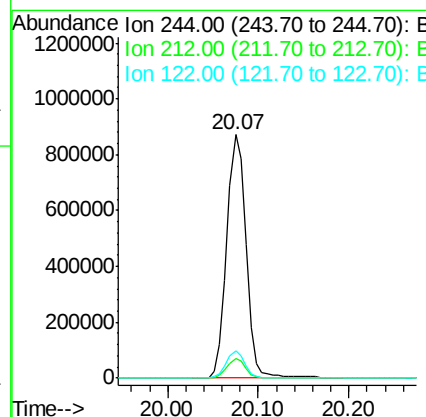
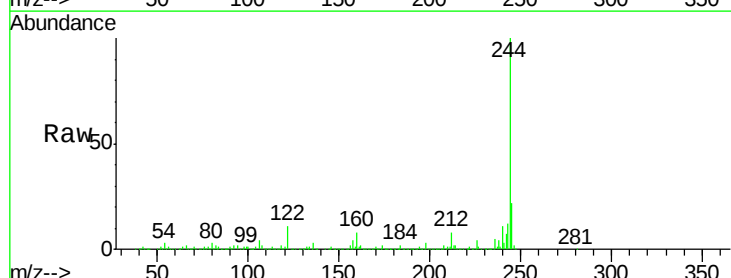
Instrument :
BNA_G
ClientSampleId :

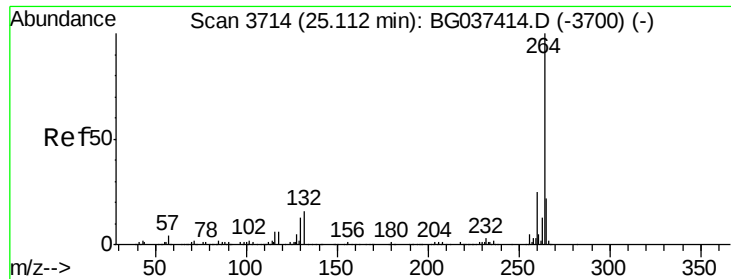
Tot Ion:240 Resp: 309403
Ion Ratio Lower Upper
240 100
120 10.3 8.1 12.1
236 26.9 21.4 32.0



#79
Terphenyl-d14
Concen: 89.16 ng
RT: 20.07 min Scan# 2857
Delta R.T. -0.01 min
Lab File: BG037852.D
Acq: 6 Nov 2018 23:56

Tgt Ion:244 Resp: 1290980
Ion Ratio Lower Upper
244 100
212 8.1 6.5 9.7
122 11.3 9.0 13.4

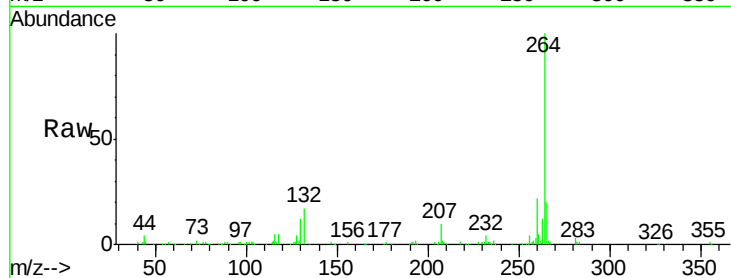




#87
Pervlene-d12
Concen: 20.00 ng
RT: 25.09 min Scan# 3711
Delta R.T. -0.02 min
Lab File: BG037852.D
Acq: 6 Nov 2018 23:56

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.7	18.2	27.4
265	20.5	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

