

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110618\
 Data File : BG037853.D
 Acq On : 7 Nov 2018 00:35
 Operator : JU/SJ
 Sample : J5815-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 07 08:22:21 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

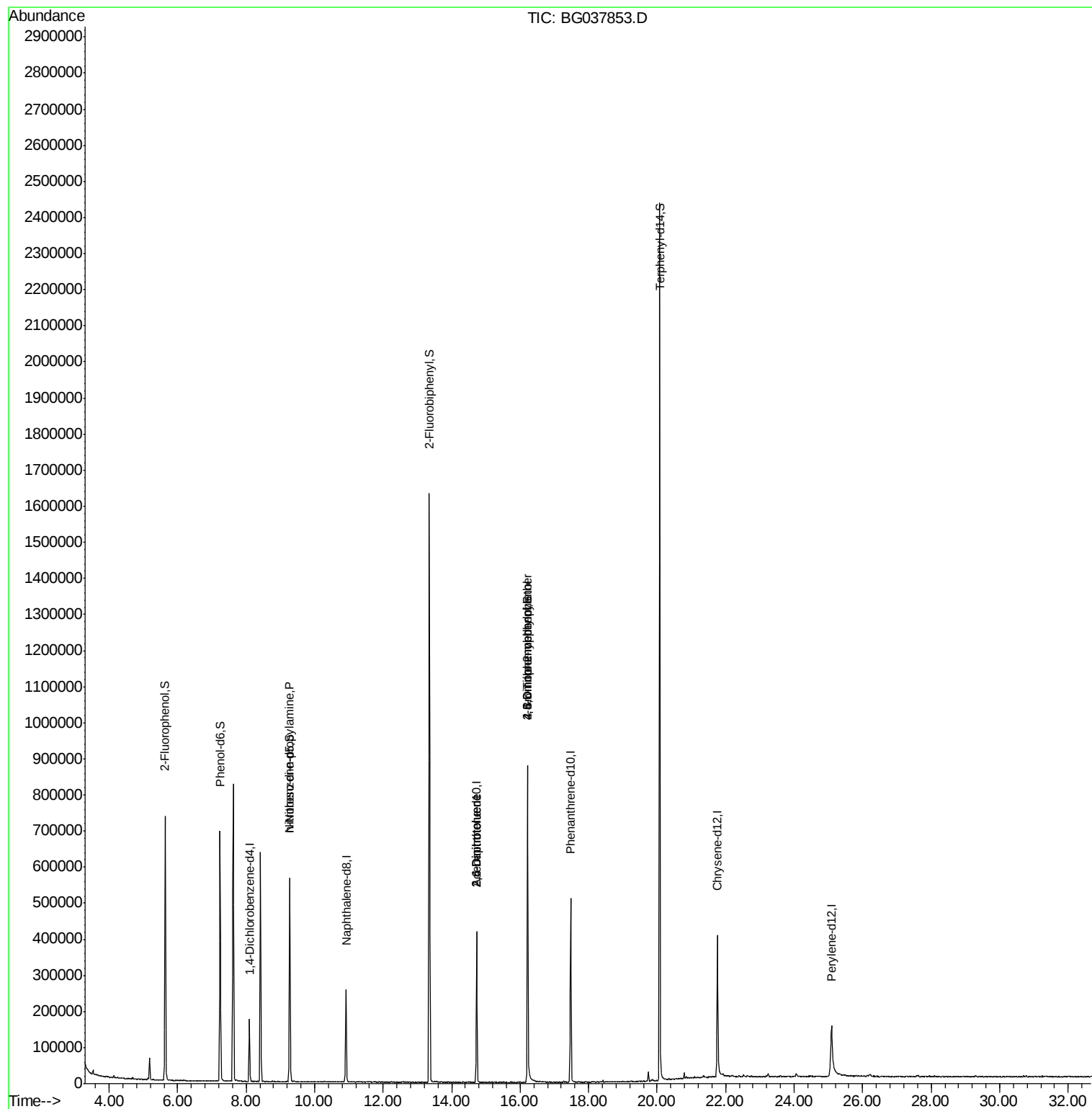
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	52444	20.00	ng	-0.01
21) Naphthalene-d8	10.92	136	234196	20.00	ng	-0.01
39) Acenaphthene-d10	14.73	164	151948	20.00	ng	-0.01
64) Phenanthrene-d10	17.47	188	338866	20.00	ng	-0.01
76) Chrysene-d12	21.76	240	294977	20.00	ng	-0.02
87) Perylene-d12	25.09	264	231383	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	345898	110.27	ng	-0.01
7) Phenol-d6	7.24	99	448711	94.60	ng	-0.01
23) Nitrobenzene-d5	9.27	82	363729	87.00	ng	-0.01
42) 2,4,6-Tribromophenol	16.22	330	169975	102.56	ng	-0.01
45) 2-Fluorobiphenyl	13.35	172	891280	88.45	ng	-0.02
79) Terphenyl-d14	20.08	244	1258491	91.16	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.27	70	45582	13.96	ng	# 73
51) 2,6-Dinitrotoluene	14.72	165	20278	7.80	ng	# 25
57) 2,4-Dinitrotoluene	14.72	165	20278	5.94	ng	# 25
65) 4,6-Dinitro-2-methylphenol	16.22	198	529	8.75	ng	84
67) 4-Bromophenyl-phenylether	16.22	248	12772	3.43	ng	# 1

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

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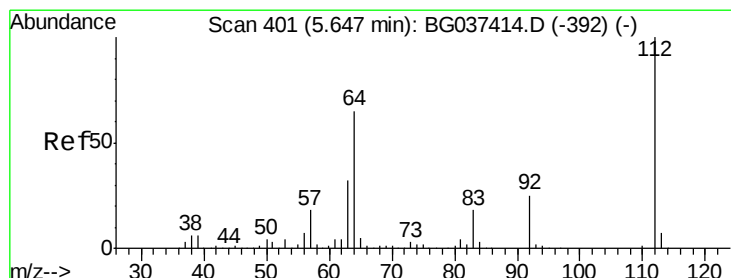
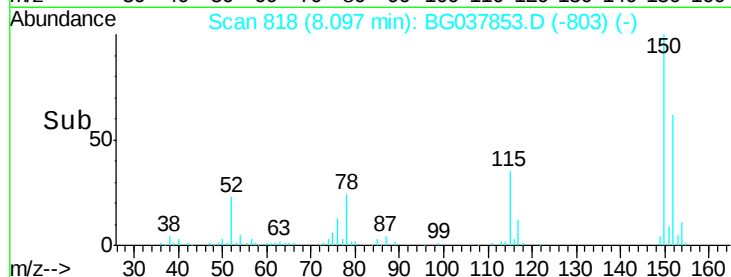
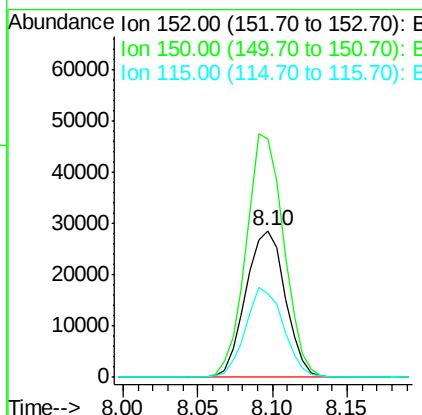
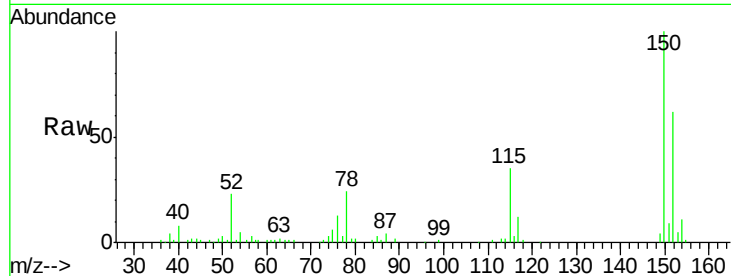


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.10 min Scan# 818
Delta R.T. -0.01 min
Lab File: BG037853.D
Acq: 7 Nov 2018 00:35

Instrument :
BNA_G
ClientSampleId :

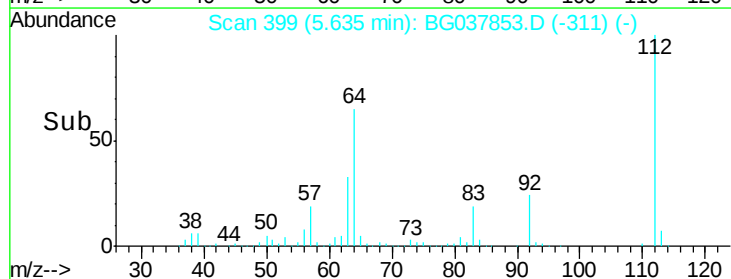
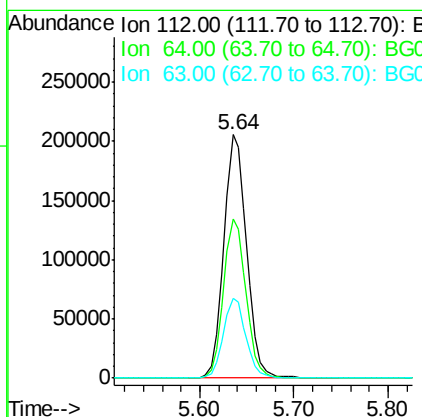
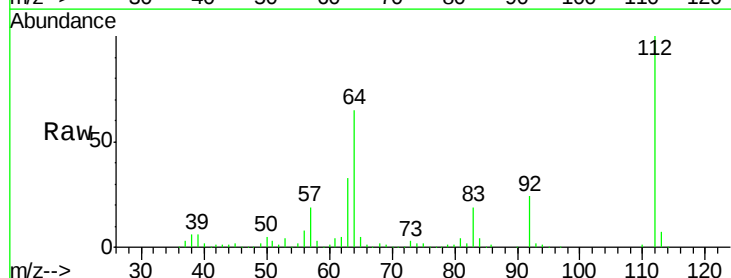
Tot Ion:152 Resp: 52444
Ion Ratio Lower Upper
152 100
150 162.2 126.0 189.0
115 56.8 45.5 68.3



#5

2-Fluorophenol
Concen: 110.27 ng
RT: 5.64 min Scan# 399
Delta R.T. -0.01 min
Lab File: BG037853.D
Acq: 7 Nov 2018 00:35

Tgt Ion:112 Resp: 345898
Ion Ratio Lower Upper
112 100
64 65.2 53.1 79.7
63 32.5 27.3 40.9





#7

Phenol-d6

Concen: 94.60 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.01 min

Lab File: BG037853.D

Acq: 7 Nov 2018 00:35

Instrument :

BNA_G

ClientSampleId :

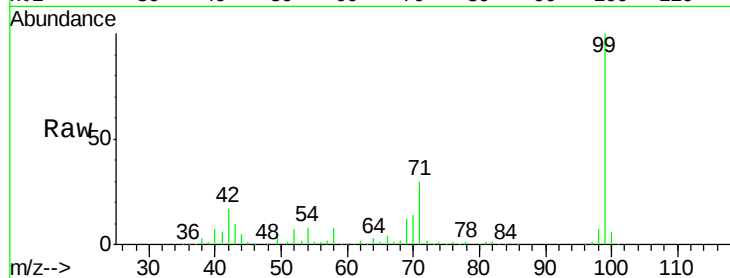
Tot Ion: 99 Resp: 448711

Ion Ratio Lower Upper

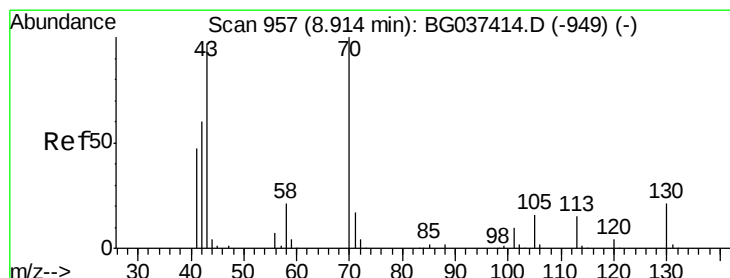
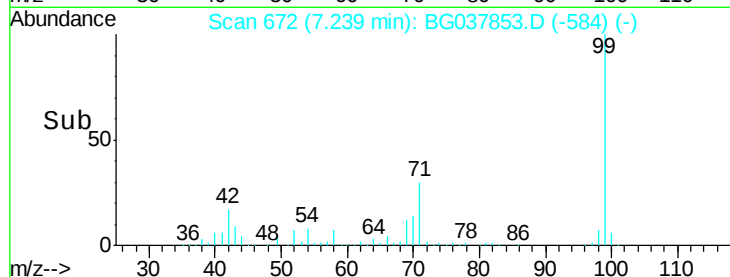
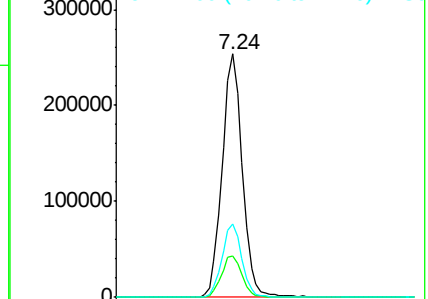
99 100

42 16.7 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: 13.96 ng

RT: 9.27 min Scan# 1018

Delta R.T. 0.36 min

Lab File: BG037853.D

Acq: 7 Nov 2018 00:35

Tgt Ion: 70 Resp: 45582

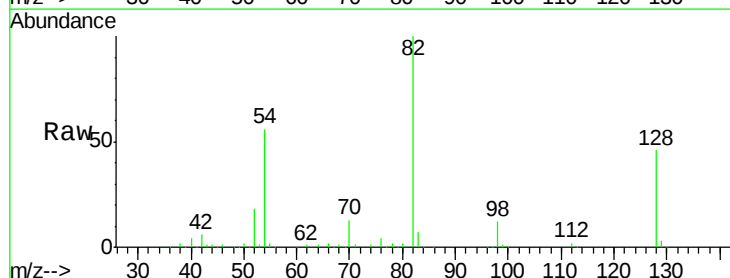
Ion Ratio Lower Upper

70 100

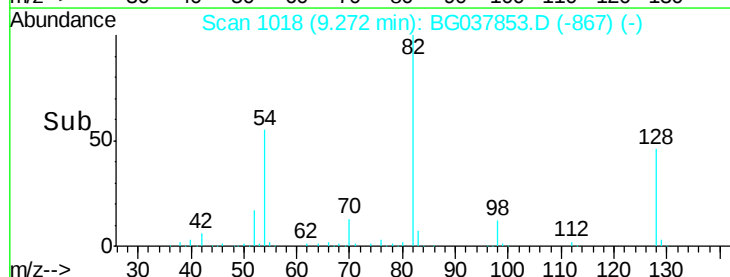
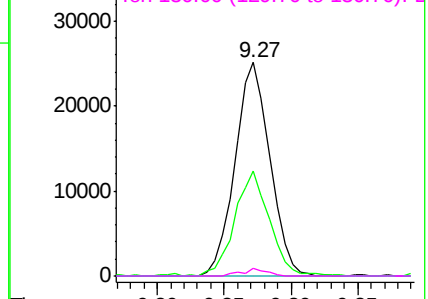
42 48.9 53.9 80.9#

101 0.0 8.2 12.2#

130 3.7 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

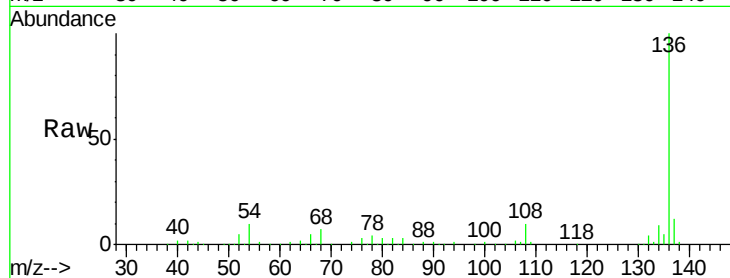




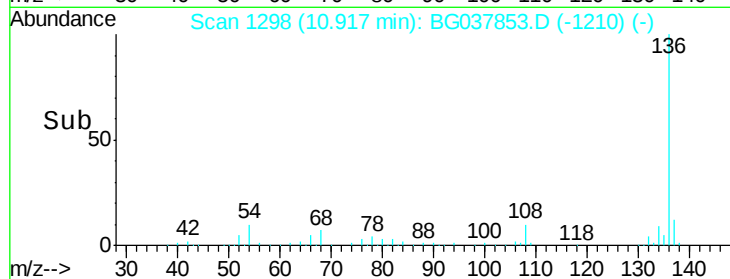
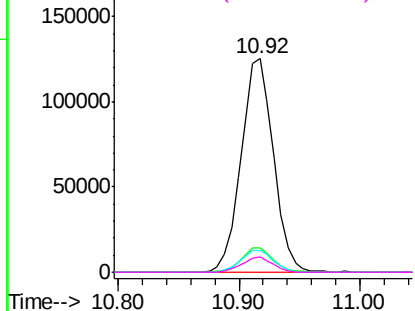
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.92 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BG037853.D
Acq: 7 Nov 2018 00:35

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	234196
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.6	14.4
54	10.0	7.9	11.9
68	7.0	4.8	7.2

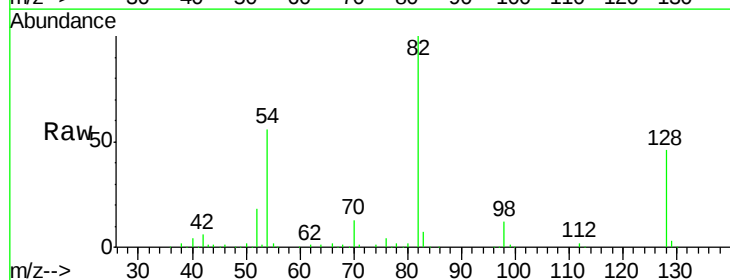


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

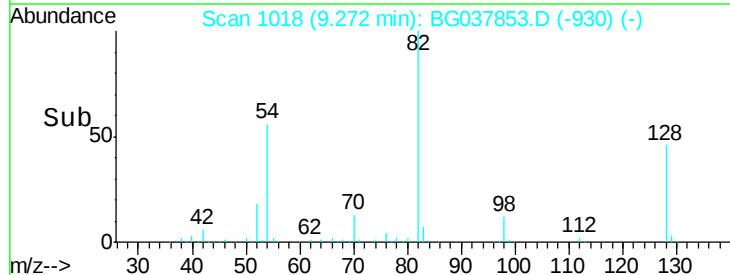
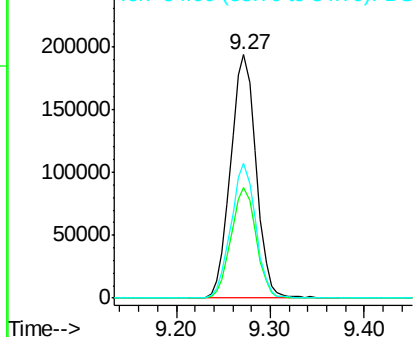


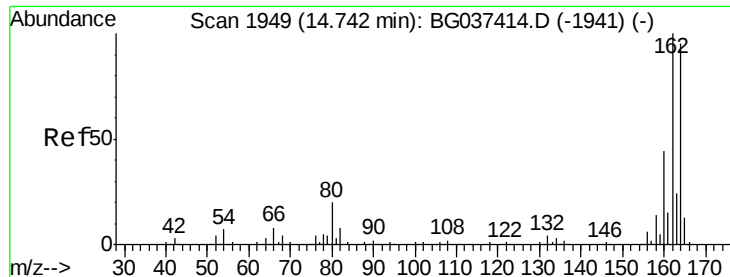
#23
Nitrobenzene-d5
Concen: 87.00 ng
RT: 9.27 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BG037853.D
Acq: 7 Nov 2018 00:35

Tgt Ion:	82	Resp:	363729
Ion	Ratio	Lower	Upper
82	100		
128	45.6	34.6	51.8
54	55.5	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: BG037853.D

Acq: 7 Nov 2018 00:35

Instrument :

BNA_G

ClientSampleId :

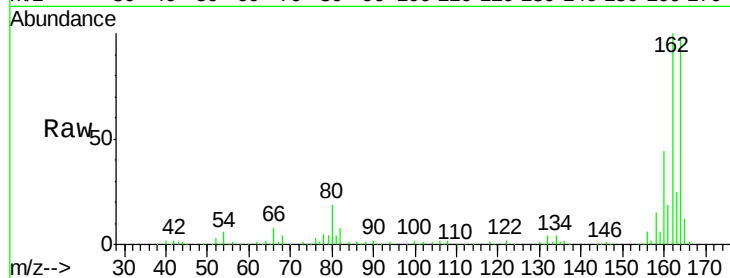
Tot Ion:164 Resp: 151948

Ion Ratio Lower Upper

164 100

162 101.7 81.3 121.9

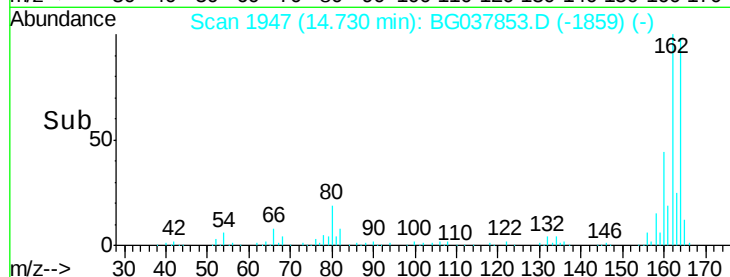
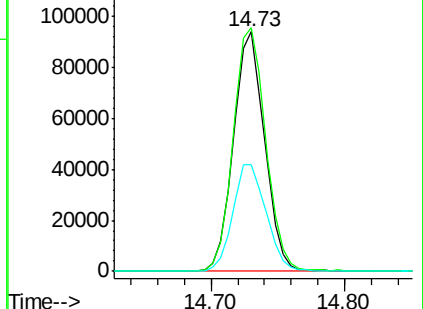
160 44.3 36.3 54.5



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: 102.56 ng

RT: 16.22 min Scan# 2200

Delta R.T. -0.01 min

Lab File: BG037853.D

Acq: 7 Nov 2018 00:35

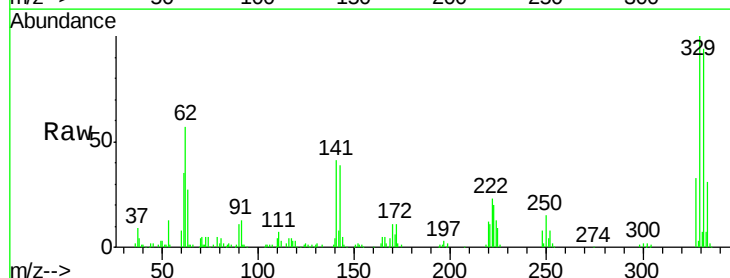
Tgt Ion:330 Resp: 169975

Ion Ratio Lower Upper

330 100

332 95.7 78.4 117.6

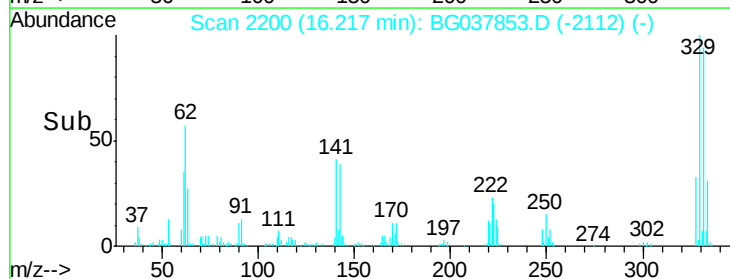
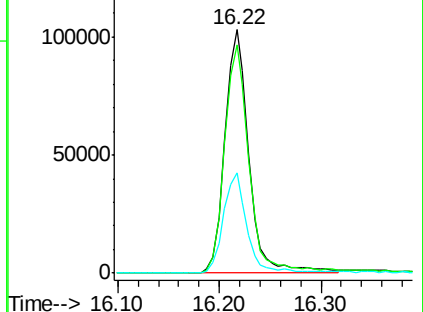
141 40.5 32.2 48.2



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

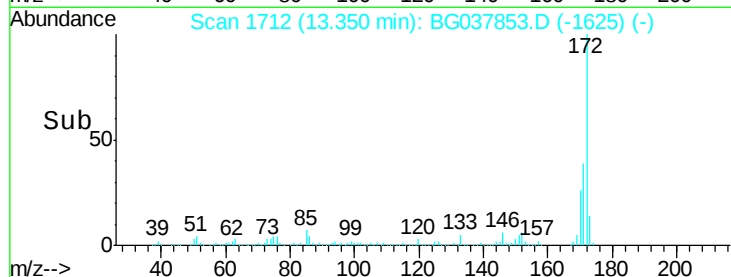
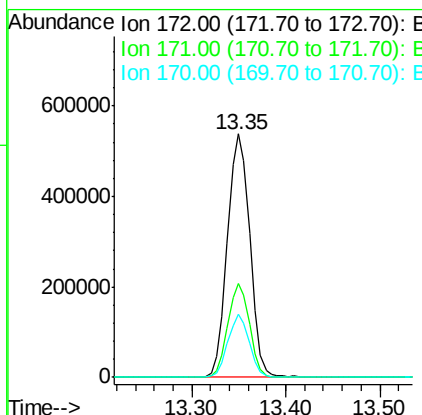
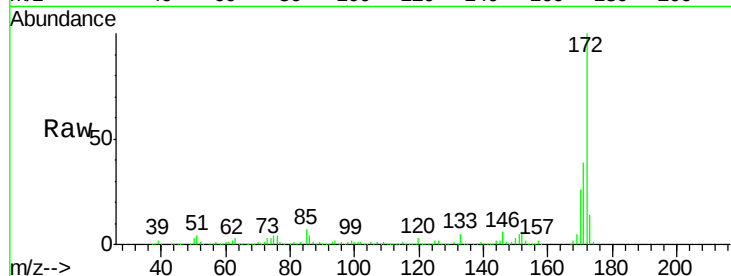




#45
2-Fluorobiphenyl
Concen: 88.45 ng
RT: 13.35 min Scan# 1712
Delta R.T. -0.02 min
Lab File: BG037853.D
Acq: 7 Nov 2018 00:35

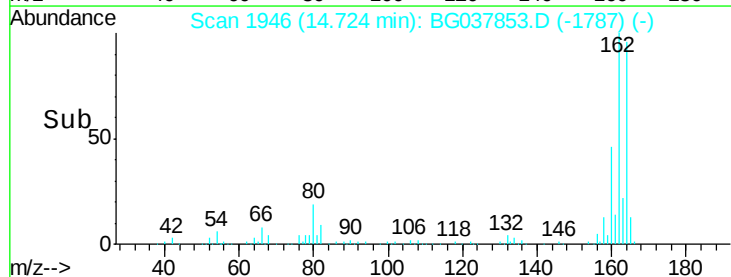
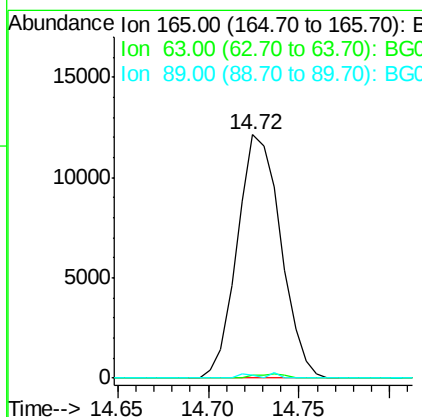
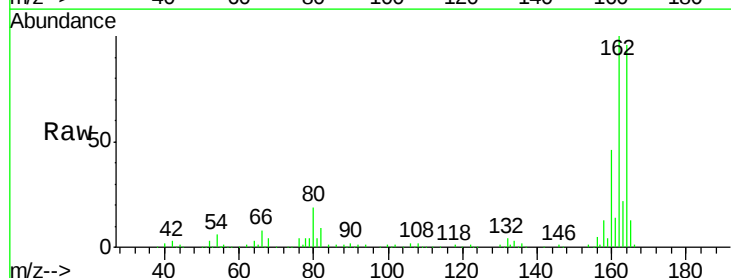
Instrument :
BNA_G
ClientSampleId :

Tot Ion:172 Resp: 891280
Ion Ratio Lower Upper
172 100
171 38.6 31.0 46.4
170 25.9 20.2 30.2



#51
2,6-Dinitrotoluene
Concen: 7.80 ng
RT: 14.72 min Scan# 1946
Delta R.T. 0.41 min
Lab File: BG037853.D
Acq: 7 Nov 2018 00:35

Tgt Ion:165 Resp: 20278
Ion Ratio Lower Upper
165 100
63 1.4 43.4 65.2#
89 1.4 45.8 68.6#

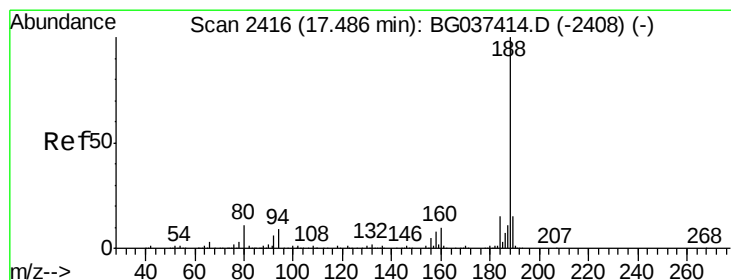
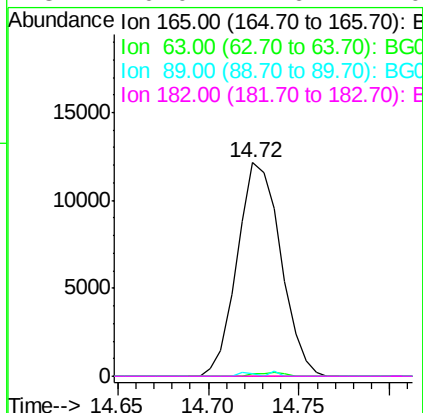
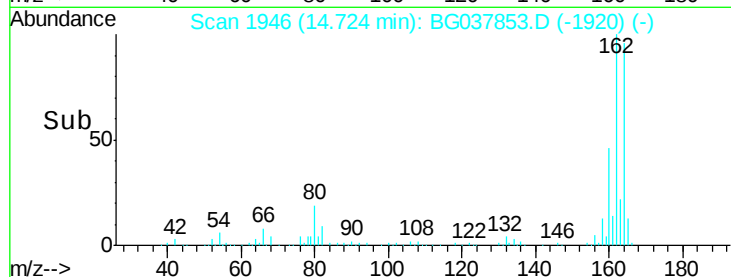
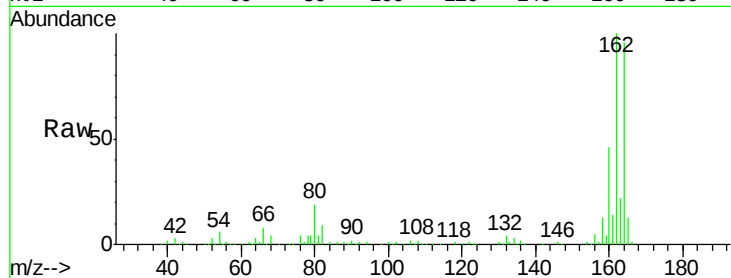




#57
 2,4-Dinitrotoluene
 Concen: 5.94 ng
 RT: 14.72 min Scan# 1946
 Delta R.T. -0.38 min
 Lab File: BG037853.D
 Acq: 7 Nov 2018 00:35

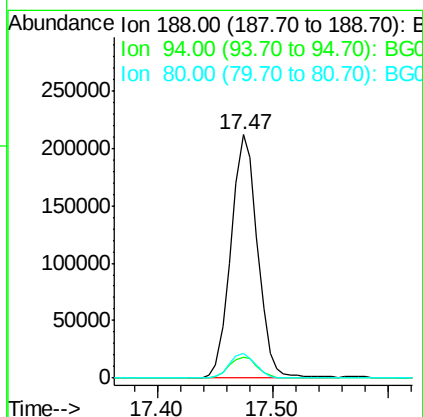
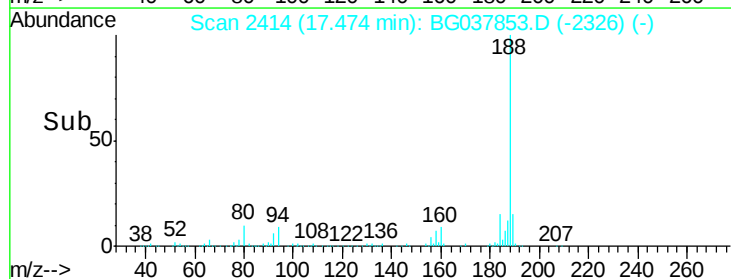
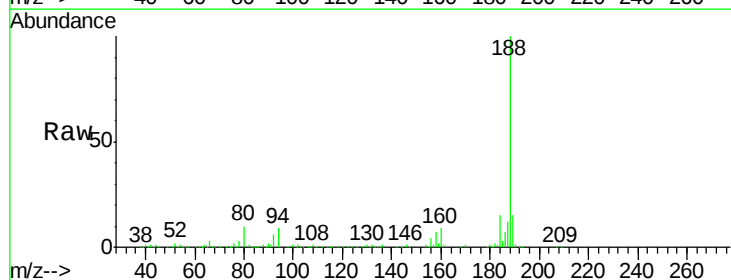
Instrument :
 BNA_G
 ClientSampleId :

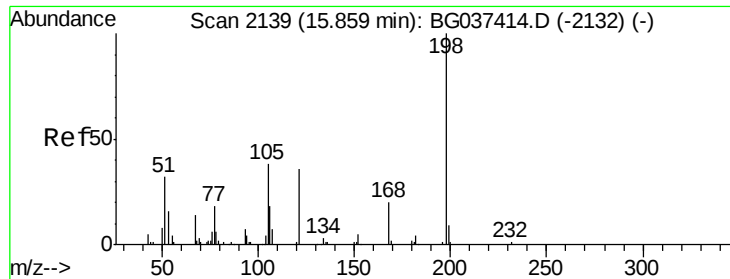
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.4	33.4	50.0#
89	1.4	57.2	85.8#
182	0.0	2.6	4.0#



#64
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.47 min Scan# 2414
 Delta R.T. -0.01 min
 Lab File: BG037853.D
 Acq: 7 Nov 2018 00:35

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.2	10.8
80	9.9	7.7	11.5

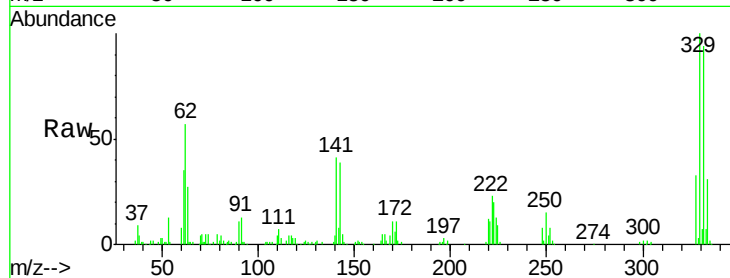




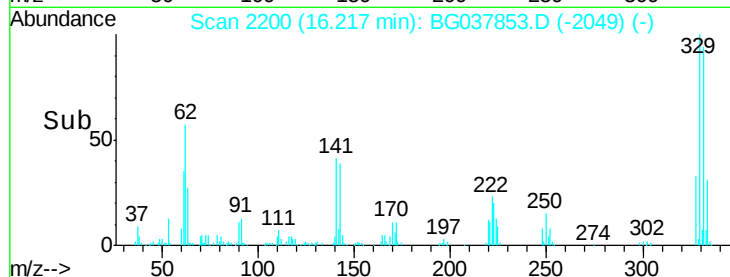
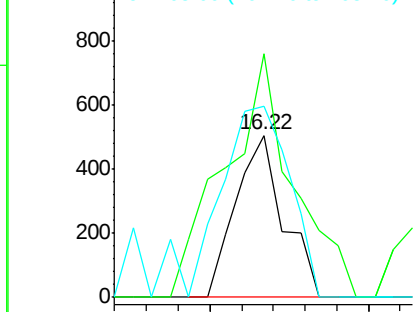
#65
4,6-Dinitro-2-methylphenol
Concen: 8.75 ng
RT: 16.22 min Scan# 2200
Delta R.T. 0.36 min
Lab File: BG037853.D
Acq: 7 Nov 2018 00:35

Instrument :
BNA_G
ClientSampleId :

Tot Ion:198 Resp: 529
Ion Ratio Lower Upper
198 100
51 35.0 22.7 62.7
105 27.5 19.7 59.7

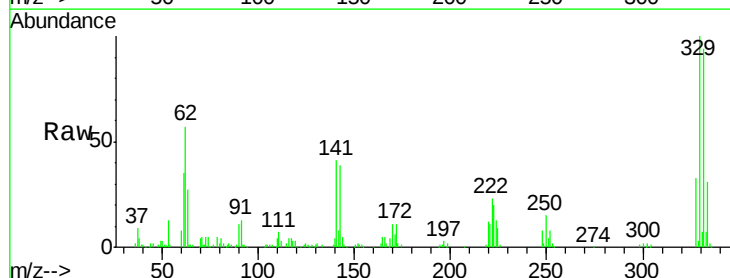


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG0
Ion 105.00 (104.70 to 105.70): E

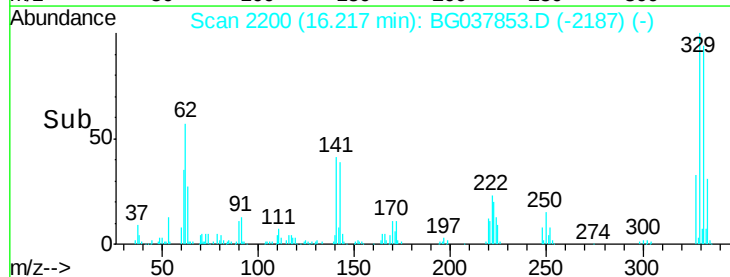
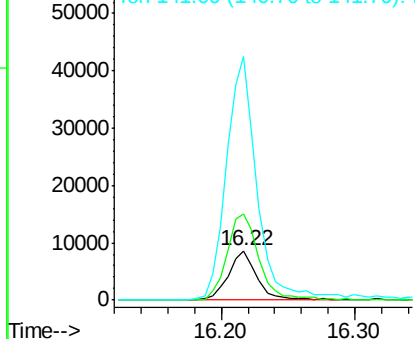


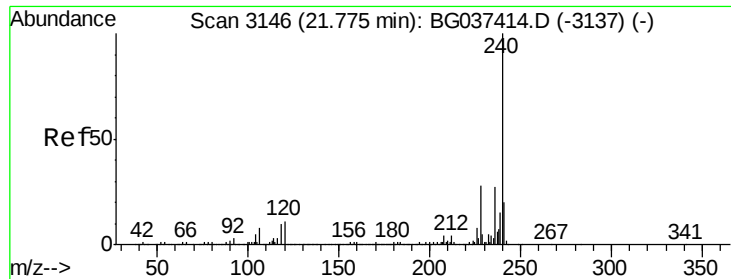
#67
4-Bromophenyl-phenylether
Concen: 3.43 ng
RT: 16.22 min Scan# 2200
Delta R.T. -0.45 min
Lab File: BG037853.D
Acq: 7 Nov 2018 00:35

Tgt Ion:248 Resp: 12772
Ion Ratio Lower Upper
248 100
250 176.8 77.0 115.6#
141 386.6 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: 20.00 ng

RT: 21.76 min Scan# 3143

Delta R.T. -0.02 min

Lab File: BG037853.D

Acq: 7 Nov 2018 00:35

Instrument :

BNA_G

ClientSampleId :

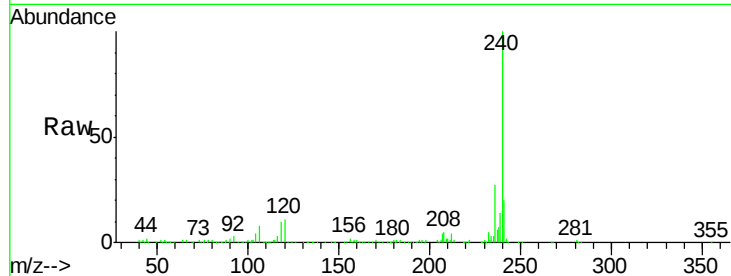
Tot Ion:240 Resp: 294977

Ion Ratio Lower Upper

240 100

120 10.5 8.1 12.1

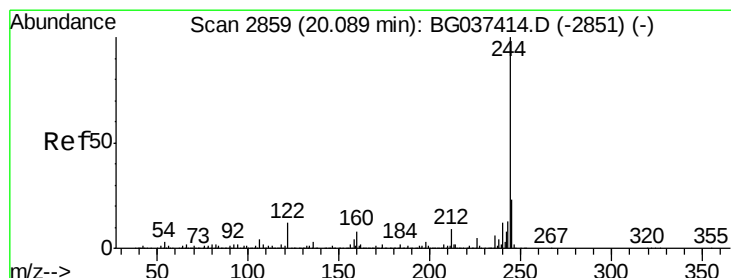
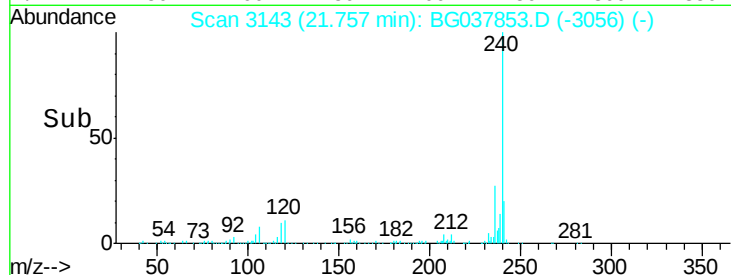
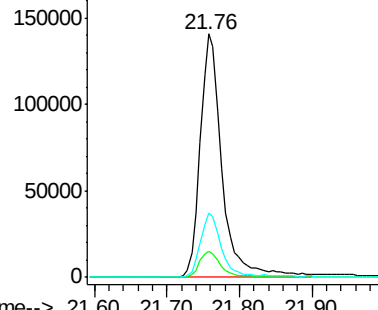
236 26.7 21.4 32.0



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#79

Terphenyl-d14

Concen: 91.16 ng

RT: 20.08 min Scan# 2857

Delta R.T. -0.01 min

Lab File: BG037853.D

Acq: 7 Nov 2018 00:35

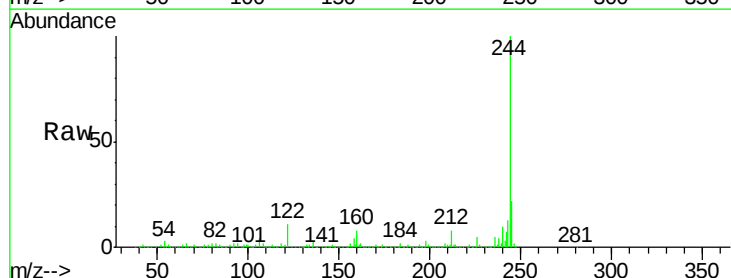
Tgt Ion:244 Resp: 1258491

Ion Ratio Lower Upper

244 100

212 7.9 6.5 9.7

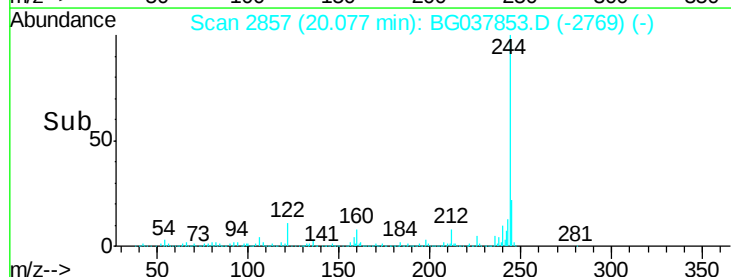
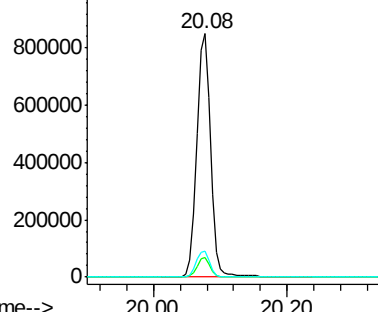
122 10.5 9.0 13.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

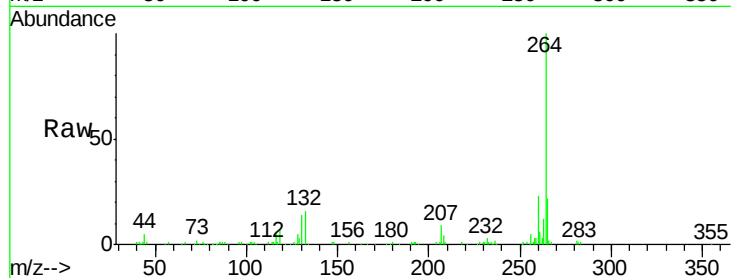




#87
Pervlene-d12
Concen: 20.00 ng
RT: 25.09 min Scan# 3710
Delta R.T. -0.02 min
Lab File: BG037853.D
Acq: 7 Nov 2018 00:35

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.2	27.4
265	22.1	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

