

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110518\
 Data File : BG037835.D
 Acq On : 6 Nov 2018 12:14
 Operator : JU/SJ
 Sample : J5778-05
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 06 15:24:53 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

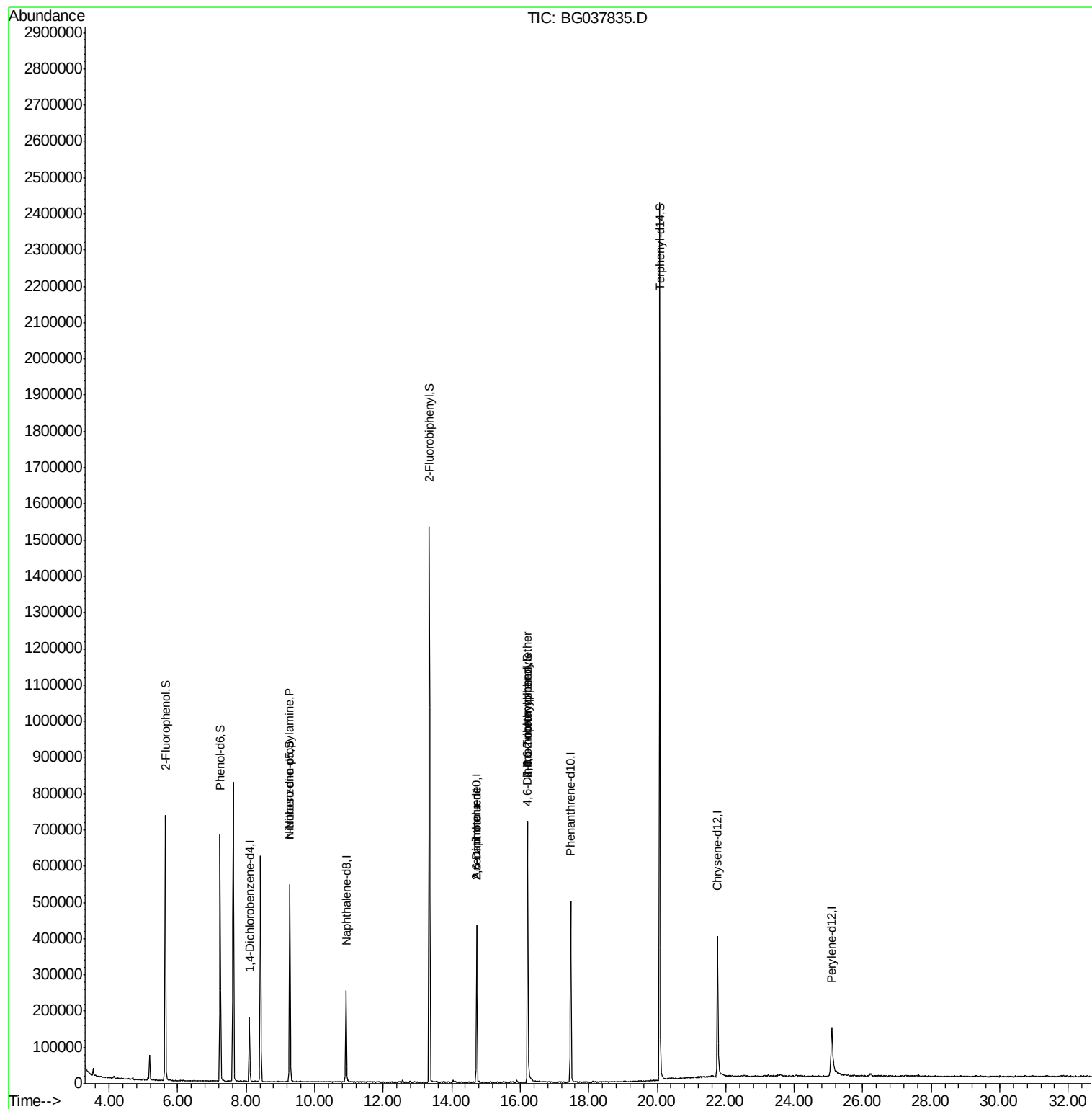
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	54430	20.00	ng	-0.01
21) Naphthalene-d8	10.92	136	236900	20.00	ng	-0.01
39) Acenaphthene-d10	14.73	164	154127	20.00	ng	-0.01
64) Phenanthrene-d10	17.47	188	343463	20.00	ng	-0.01
76) Chrysene-d12	21.76	240	299951	20.00	ng	-0.01
87) Perylene-d12	25.09	264	234885	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	342994	105.35	ng	0.00
7) Phenol-d6	7.24	99	438117	88.99	ng	-0.01
23) Nitrobenzene-d5	9.27	82	355660	84.10	ng	-0.01
42) 2,4,6-Tribromophenol	16.22	330	147137	87.53	ng	-0.01
45) 2-Fluorobiphenyl	13.35	172	863103	84.44	ng	-0.01
79) Terphenyl-d14	20.08	244	1225223	87.28	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.27	70	43032	12.694	ng	# 71
51) 2,6-Dinitrotoluene	14.73	165	20433	7.746	ng	# 26
57) 2,4-Dinitrotoluene	14.73	165	20433	5.901	ng	# 25
65) 4,6-Dinitro-2-methylphenol	16.20	198	73	8.541	ng	76
67) 4-Bromophenyl-phenylether	16.22	248	11083	2.938	ng	# 1

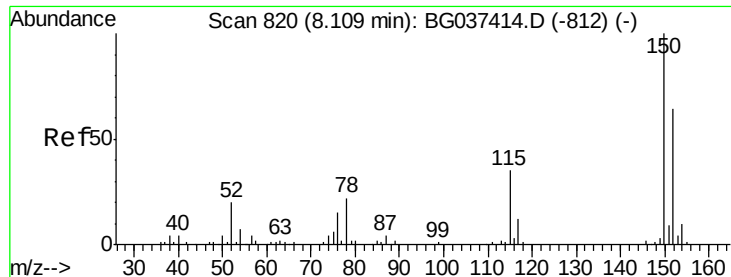
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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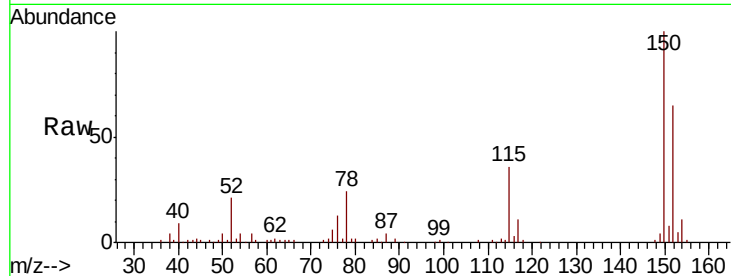


#1

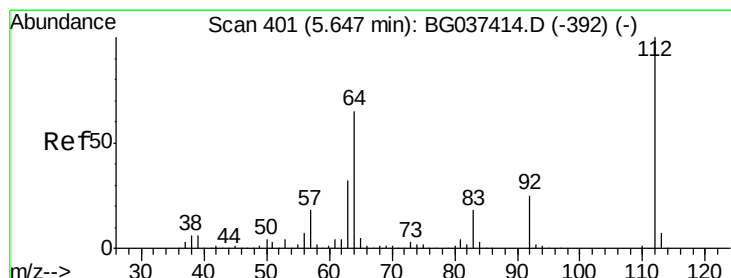
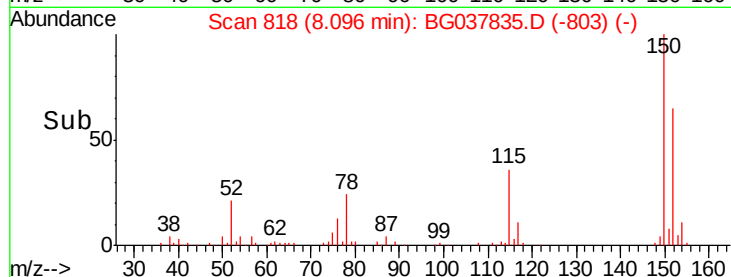
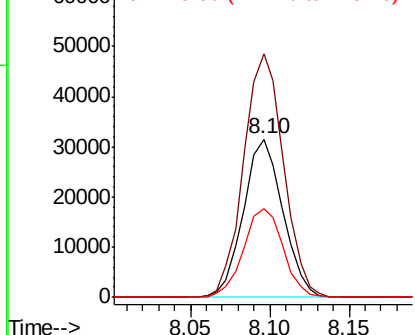
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 818
Delta R.T. -0.01 min
Lab File: BG037835.D
Acq: 6 Nov 2018 12:14

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 54430
Ion Ratio Lower Upper
152 100
150 153.7 126.0 189.0
115 56.0 45.5 68.3



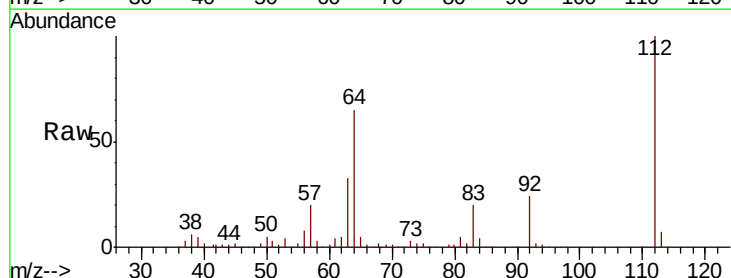
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



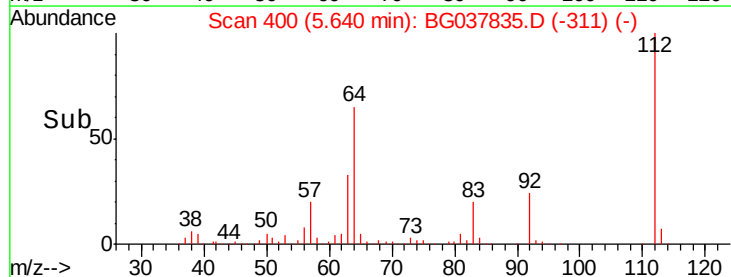
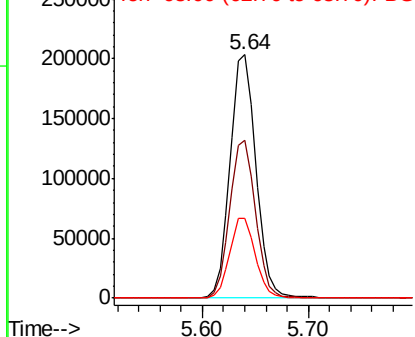
#5

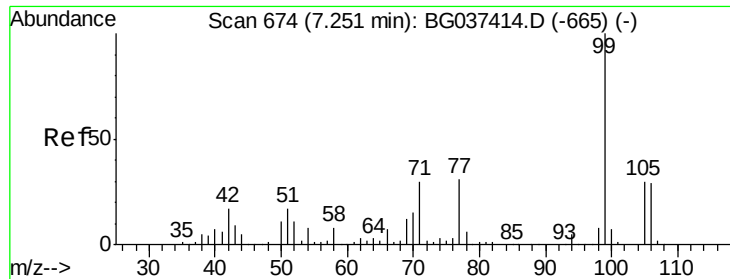
2-Fluorophenol
Concen: 105.353 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG037835.D
Acq: 6 Nov 2018 12:14

Tgt Ion:112 Resp: 342994
Ion Ratio Lower Upper
112 100
64 65.1 53.1 79.7
63 32.7 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: 88.994 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.01 min

Lab File: BG037835.D

Acq: 6 Nov 2018 12:14

Instrument :

BNA_G

ClientSampleId :

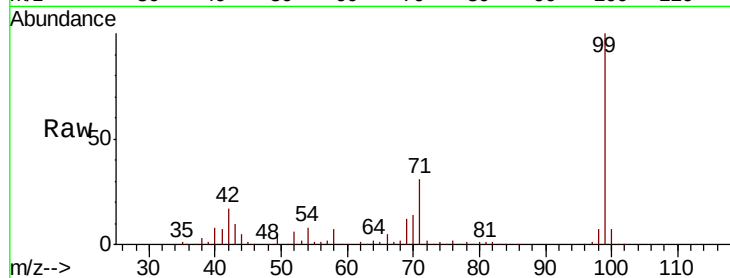
Tot Ion: 99 Resp: 438117

Ion Ratio Lower Upper

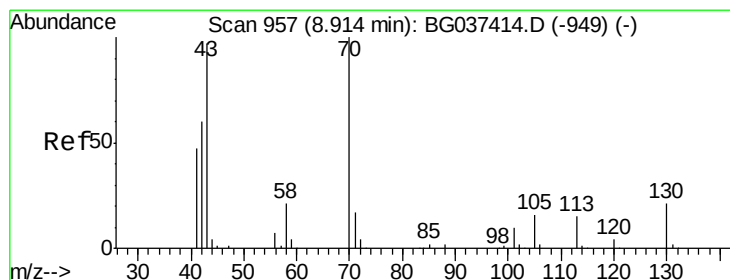
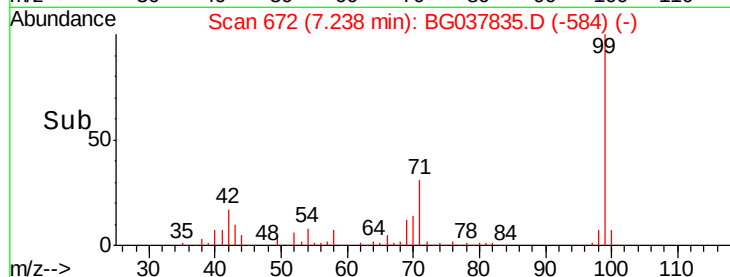
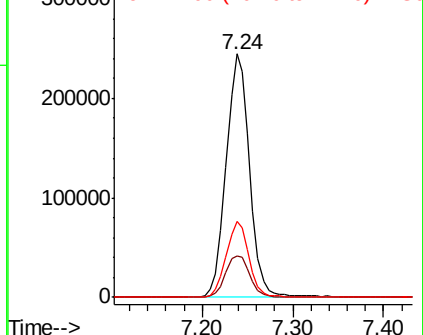
99 100

42 17.2 15.0 22.4

71 31.2 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: 12.694 ng

RT: 9.27 min Scan# 1018

Delta R.T. 0.36 min

Lab File: BG037835.D

Acq: 6 Nov 2018 12:14

Tgt Ion: 70 Resp: 43032

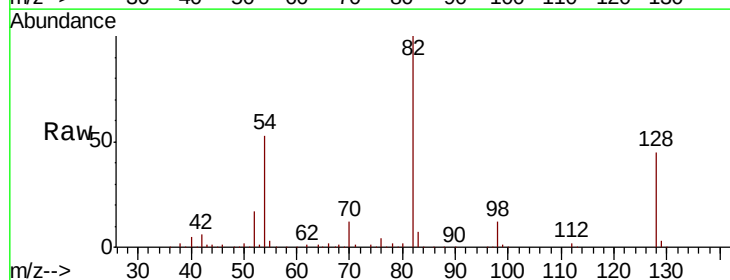
Ion Ratio Lower Upper

70 100

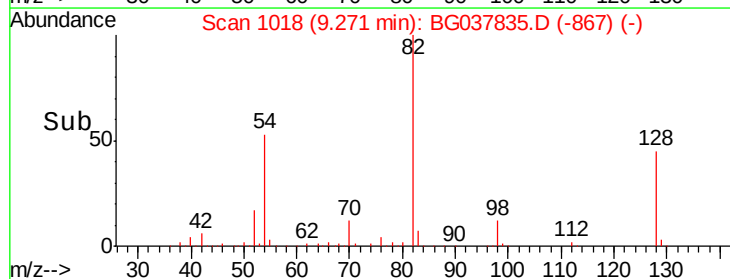
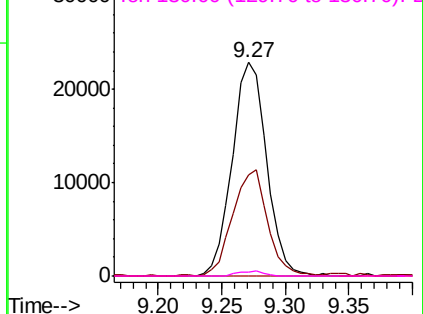
42 47.5 53.9 80.9#

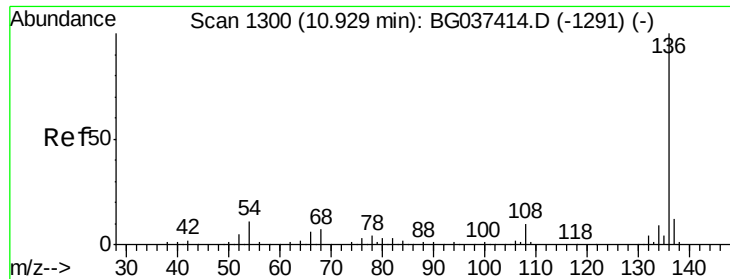
101 0.0 8.2 12.2#

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

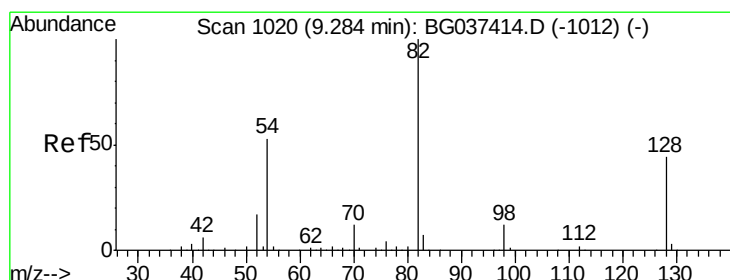
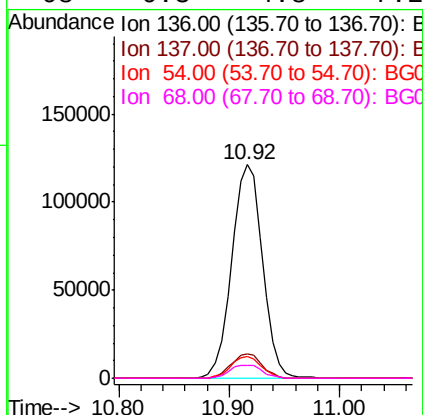
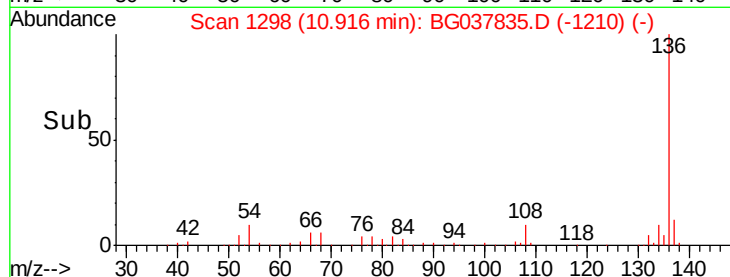
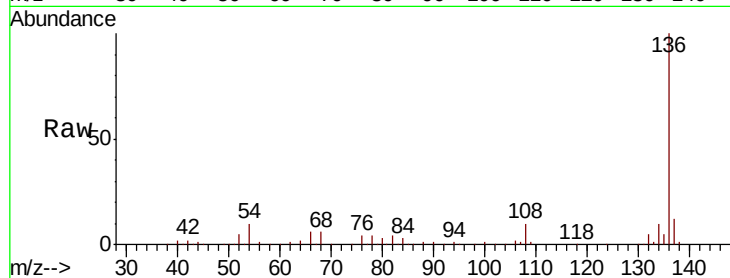




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BG037835.D
Acq: 6 Nov 2018 12:14

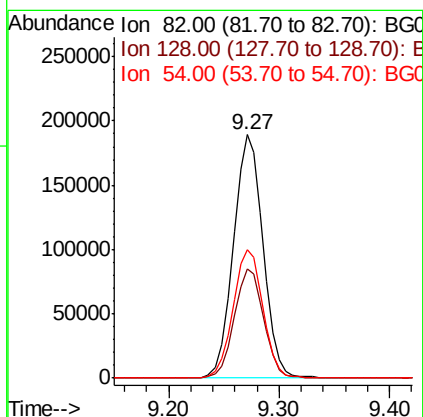
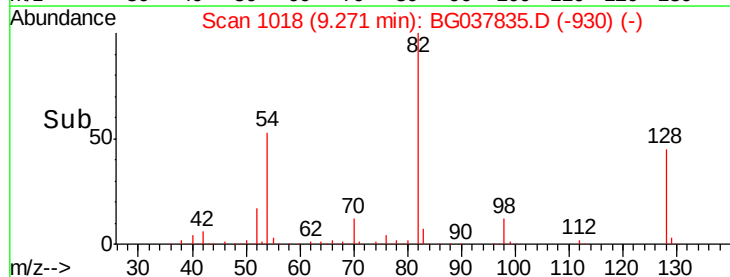
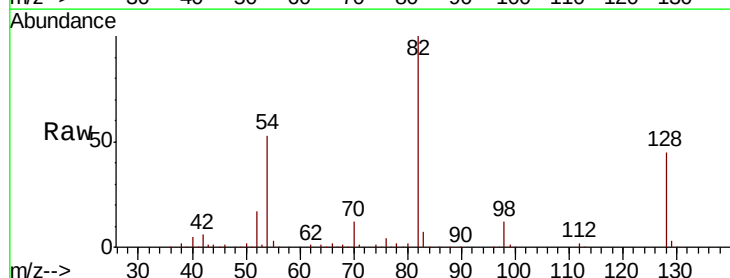
Instrument :
BNA_G
ClientSampleId :

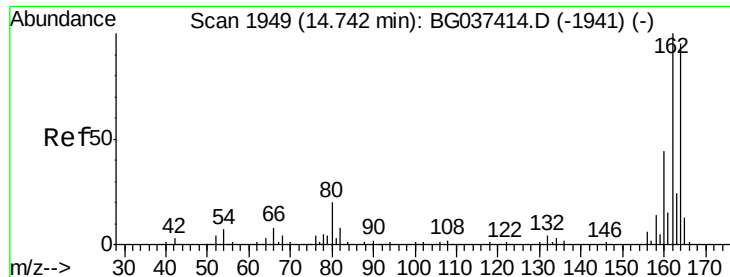
Tot Ion:136	Resp:	236900
Ion	Ratio	Lower Upper
136	100	
137	11.7	9.6 14.4
54	10.4	7.9 11.9
68	6.3	4.8 7.2



#23
Nitrobenzene-d5
Concen: 84.102 ng
RT: 9.27 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BG037835.D
Acq: 6 Nov 2018 12:14

Tgt Ion: 82	Resp:	355660
Ion	Ratio	Lower Upper
82	100	
128	44.7	34.6 51.8
54	52.7	45.3 67.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.73 min Scan# 1947

Delta R.T. -0.01 min

Lab File: BG037835.D

Acq: 6 Nov 2018 12:14

Instrument :

BNA_G

ClientSampleId :

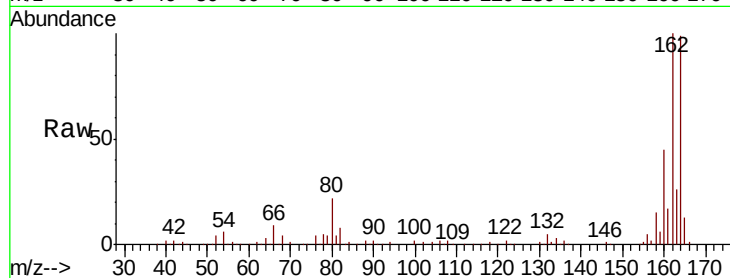
Tot Ion:164 Resp: 154127

Ion Ratio Lower Upper

164 100

162 101.0 81.3 121.9

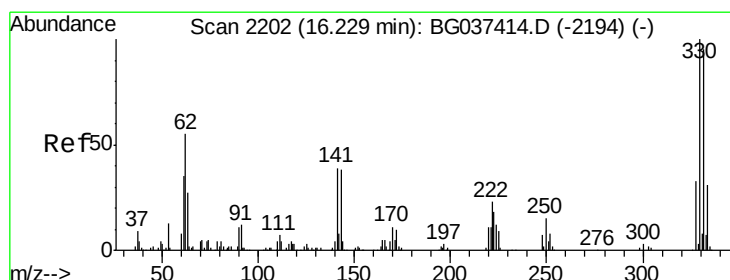
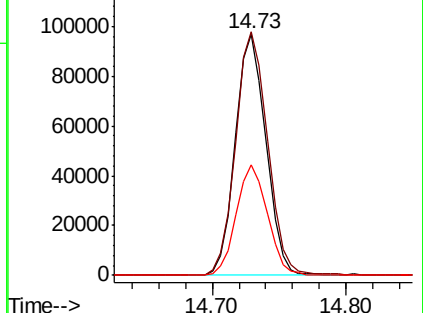
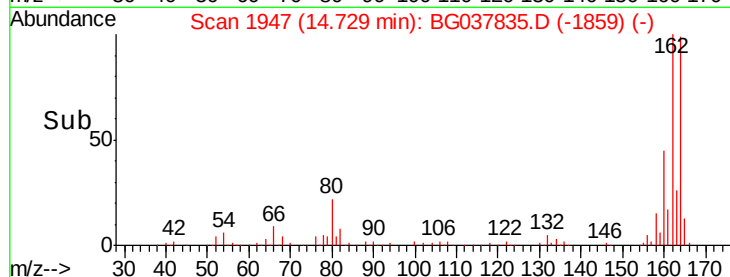
160 45.8 36.3 54.5



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: 87.527 ng

RT: 16.22 min Scan# 2200

Delta R.T. -0.01 min

Lab File: BG037835.D

Acq: 6 Nov 2018 12:14

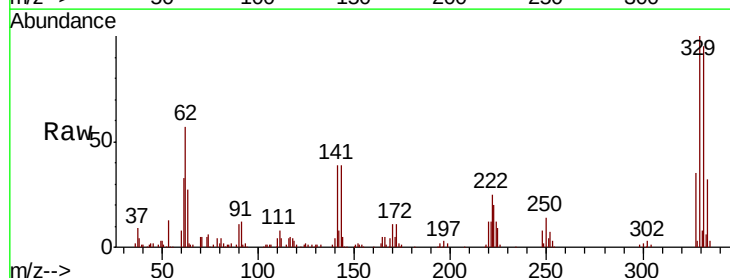
Tgt Ion:330 Resp: 147137

Ion Ratio Lower Upper

330 100

332 95.2 78.4 117.6

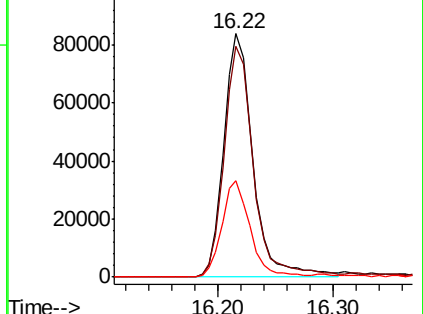
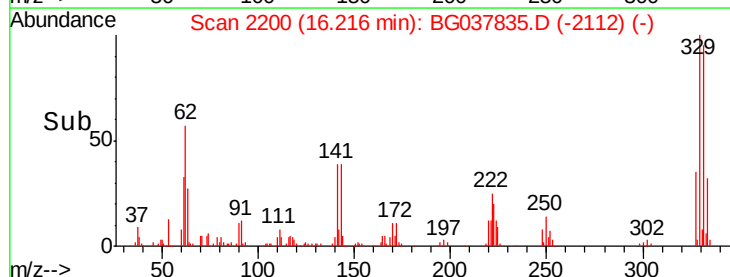
141 38.2 32.2 48.2

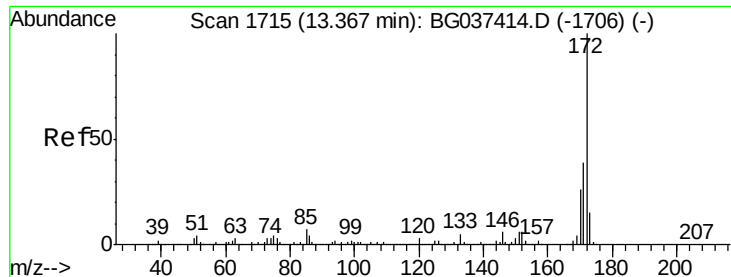


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

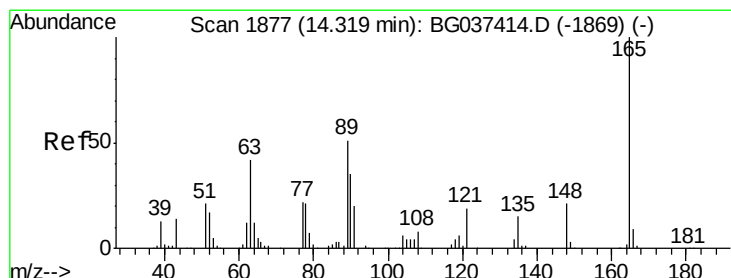
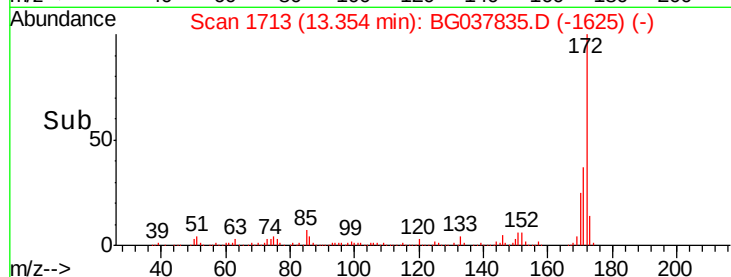
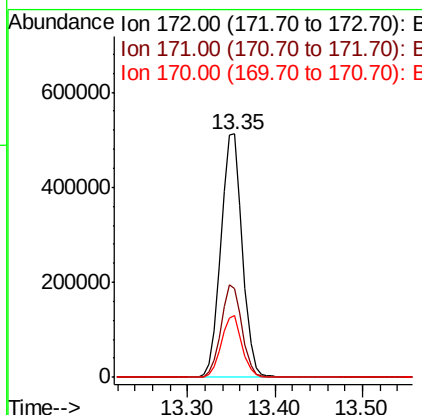
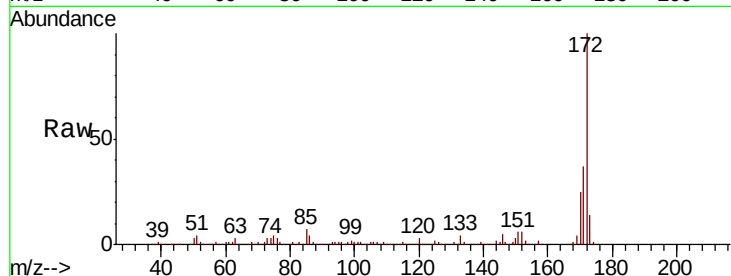




#45
2-Fluorobiphenyl
Concen: 84.444 ng
RT: 13.35 min Scan# 1713
Delta R.T. -0.01 min
Lab File: BG037835.D
Acq: 6 Nov 2018 12:14

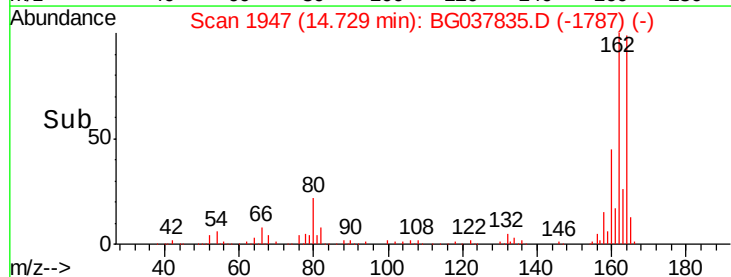
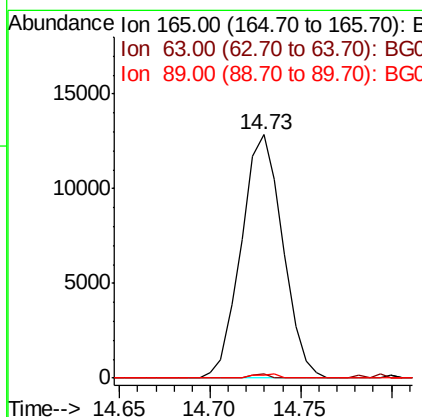
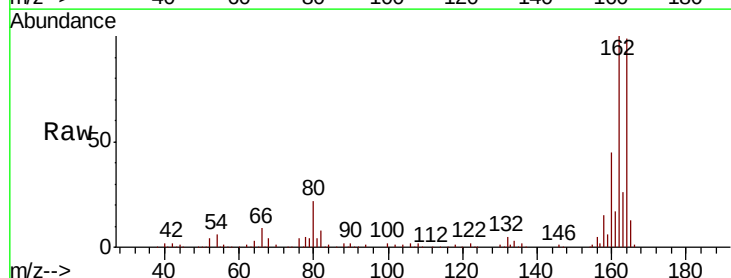
Instrument :
BNA_G
ClientSampleId :

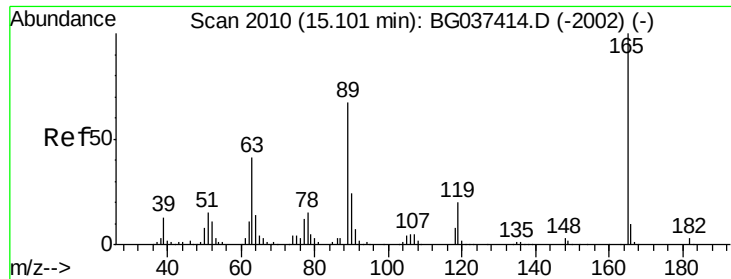
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.7	31.0	46.4
170	25.4	20.2	30.2



#51
2,6-Dinitrotoluene
Concen: 7.746 ng
RT: 14.73 min Scan# 1947
Delta R.T. 0.41 min
Lab File: BG037835.D
Acq: 6 Nov 2018 12:14

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.9	43.4	65.2#
89	1.2	45.8	68.6#

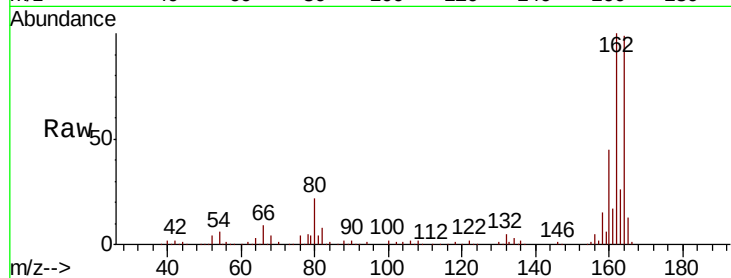




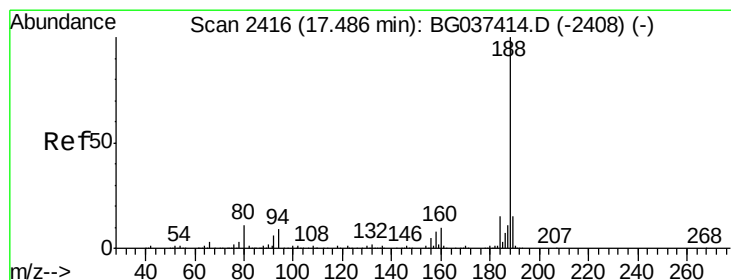
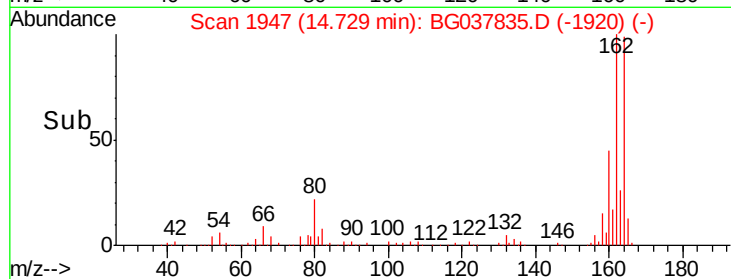
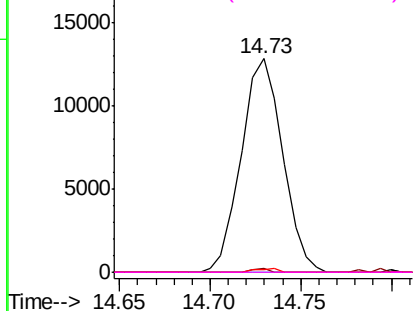
#57
 2,4-Dinitrotoluene
 Concen: 5.901 ng
 RT: 14.73 min Scan# 1947
 Delta R.T. -0.37 min
 Lab File: BG037835.D
 Acq: 6 Nov 2018 12:14

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165	Resp:	20433
Ion Ratio	Lower	Upper
165	100	
63	1.9	33.4 50.0#
89	1.2	57.2 85.8#
182	0.0	2.6 4.0#

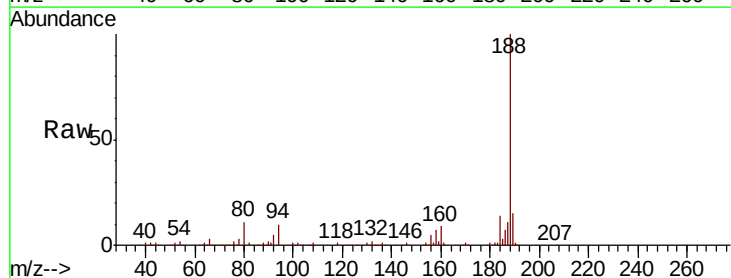


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

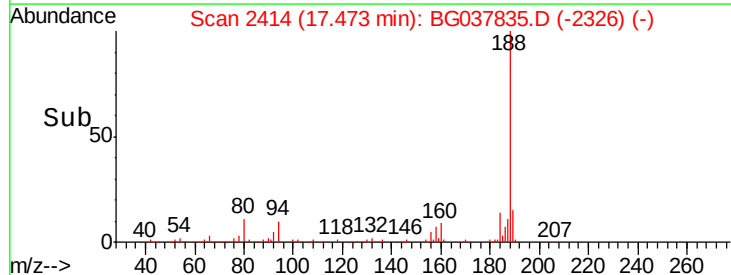
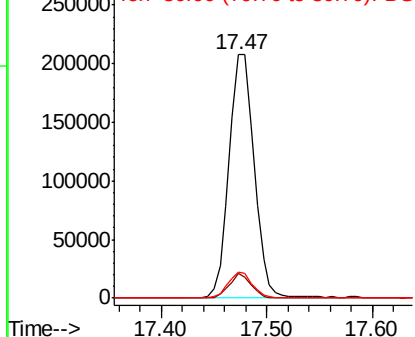


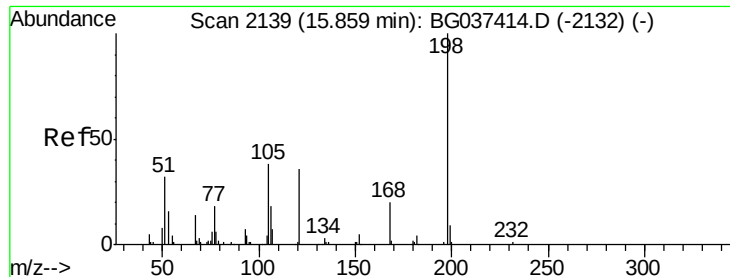
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.47 min Scan# 2414
 Delta R.T. -0.01 min
 Lab File: BG037835.D
 Acq: 6 Nov 2018 12:14

Tgt Ion:188	Resp:	343463
Ion Ratio	Lower	Upper
188	100	
94	10.0	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

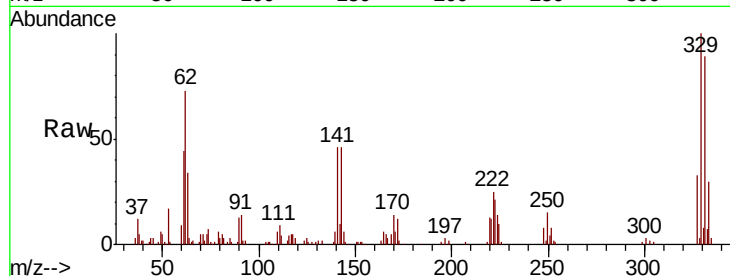




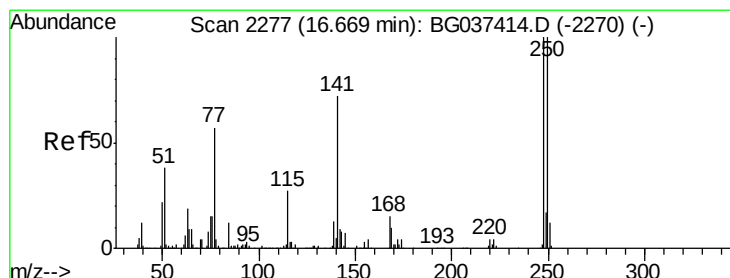
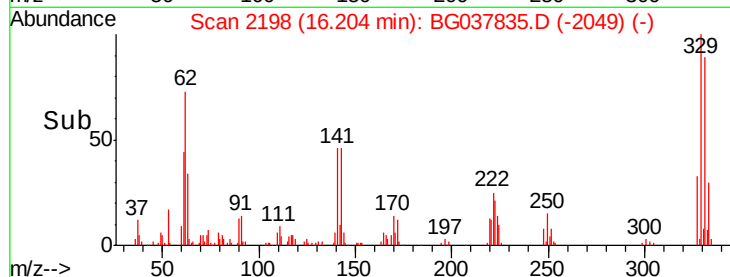
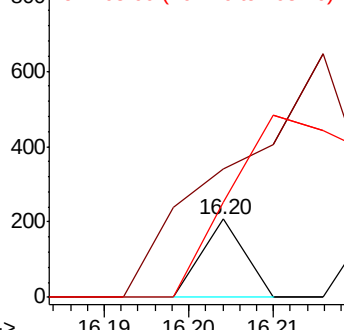
#65
 4,6-Dinitro-2-methylphenol
 Concen: 8.541 ng
 RT: 16.20 min Scan# 2198
 Delta R.T. 0.35 min
 Lab File: BG037835.D
 Acq: 6 Nov 2018 12:14

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:198 Resp: 73
 Ion Ratio Lower Upper
 198 100
 51 30.0 22.7 62.7
 105 22.3 19.7 59.7

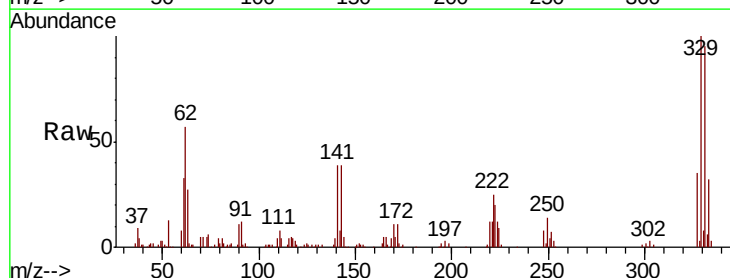


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

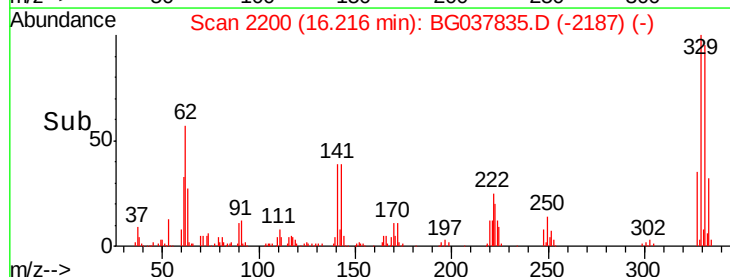
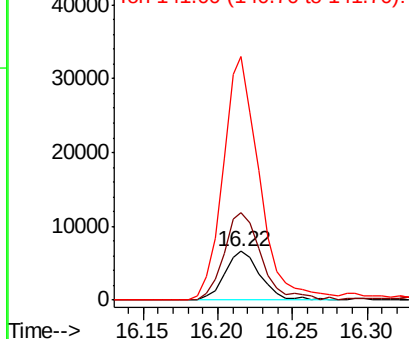


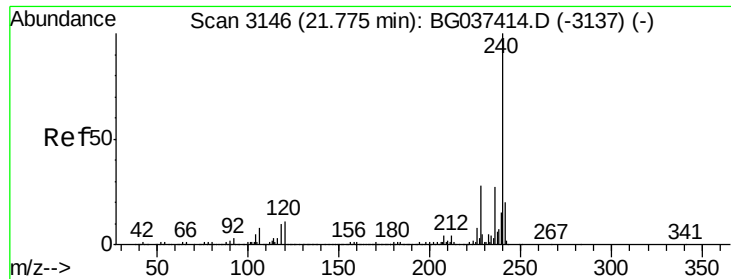
#67
 4-Bromophenyl-phenylether
 Concen: 2.938 ng
 RT: 16.22 min Scan# 2200
 Delta R.T. -0.45 min
 Lab File: BG037835.D
 Acq: 6 Nov 2018 12:14

Tgt Ion:248 Resp: 11083
 Ion Ratio Lower Upper
 248 100
 250 182.0 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

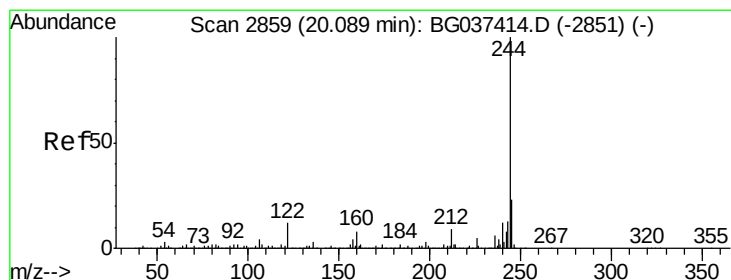
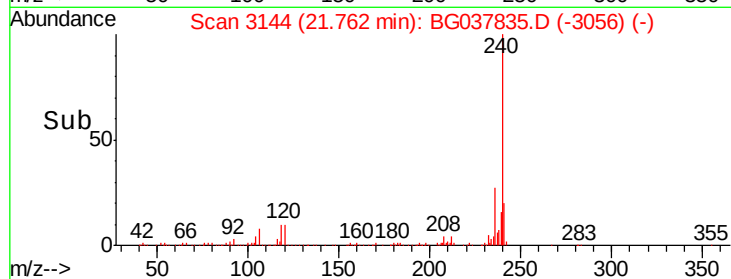
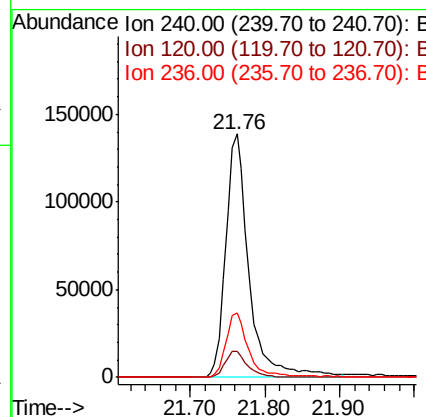
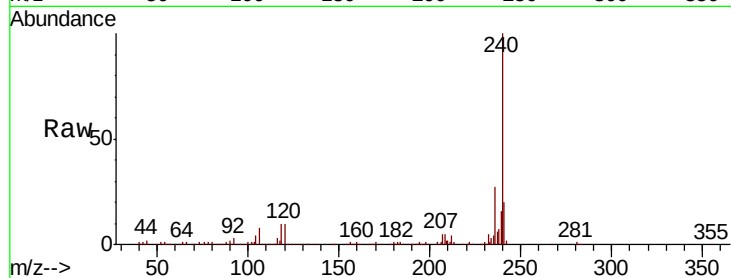




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.76 min Scan# 3144
 Delta R.T. -0.01 min
 Lab File: BG037835.D
 Acq: 6 Nov 2018 12:14

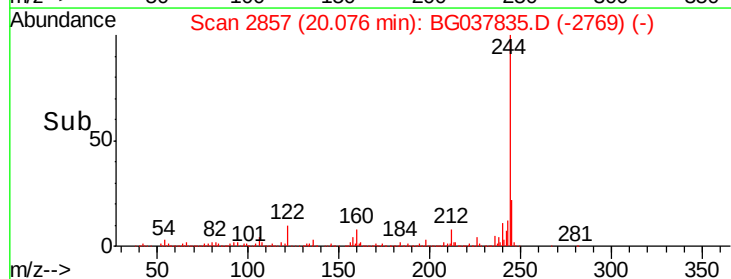
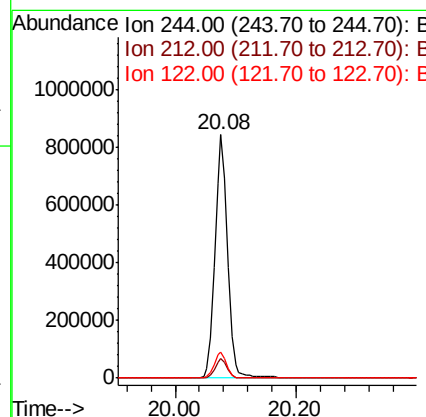
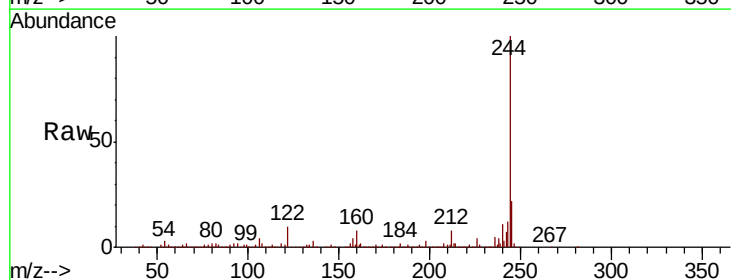
Instrument :
 BNA_G
 ClientSampleId :

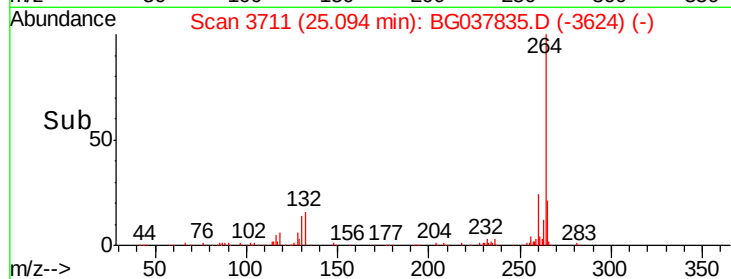
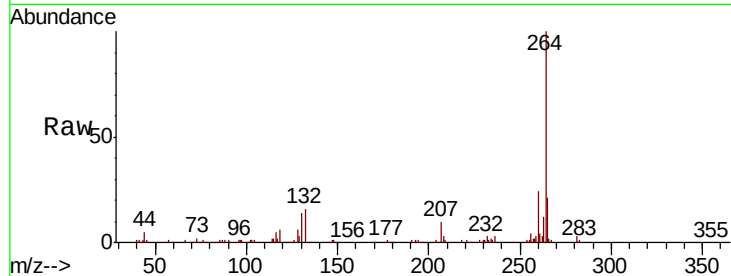
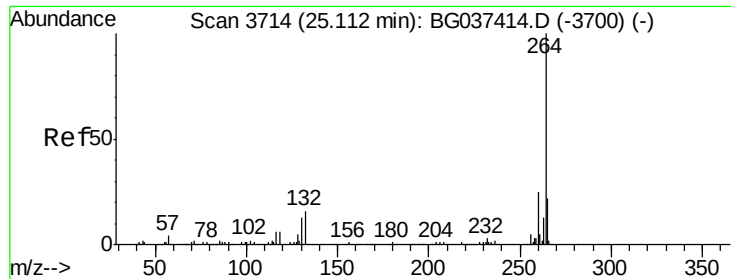
Tot Ion	Ratio	Lower	Upper
240	100		
120	10.5	8.1	12.1
236	26.6	21.4	32.0



#79
 Terphenyl-d14
 Concen: 87.281 ng
 RT: 20.08 min Scan# 2857
 Delta R.T. -0.01 min
 Lab File: BG037835.D
 Acq: 6 Nov 2018 12:14

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.5	9.7
122	10.5	9.0	13.4





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.09 min Scan# 3711
 Delta R.T. -0.02 min
 Lab File: BG037835.D
 Acq: 6 Nov 2018 12:14

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.2	27.4
265	21.3	17.9	26.9

