

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110718\
 Data File : BG037870.D
 Acq On : 7 Nov 2018 18:04
 Operator : JU/SJ
 Sample : J5822-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 08 09:00:48 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

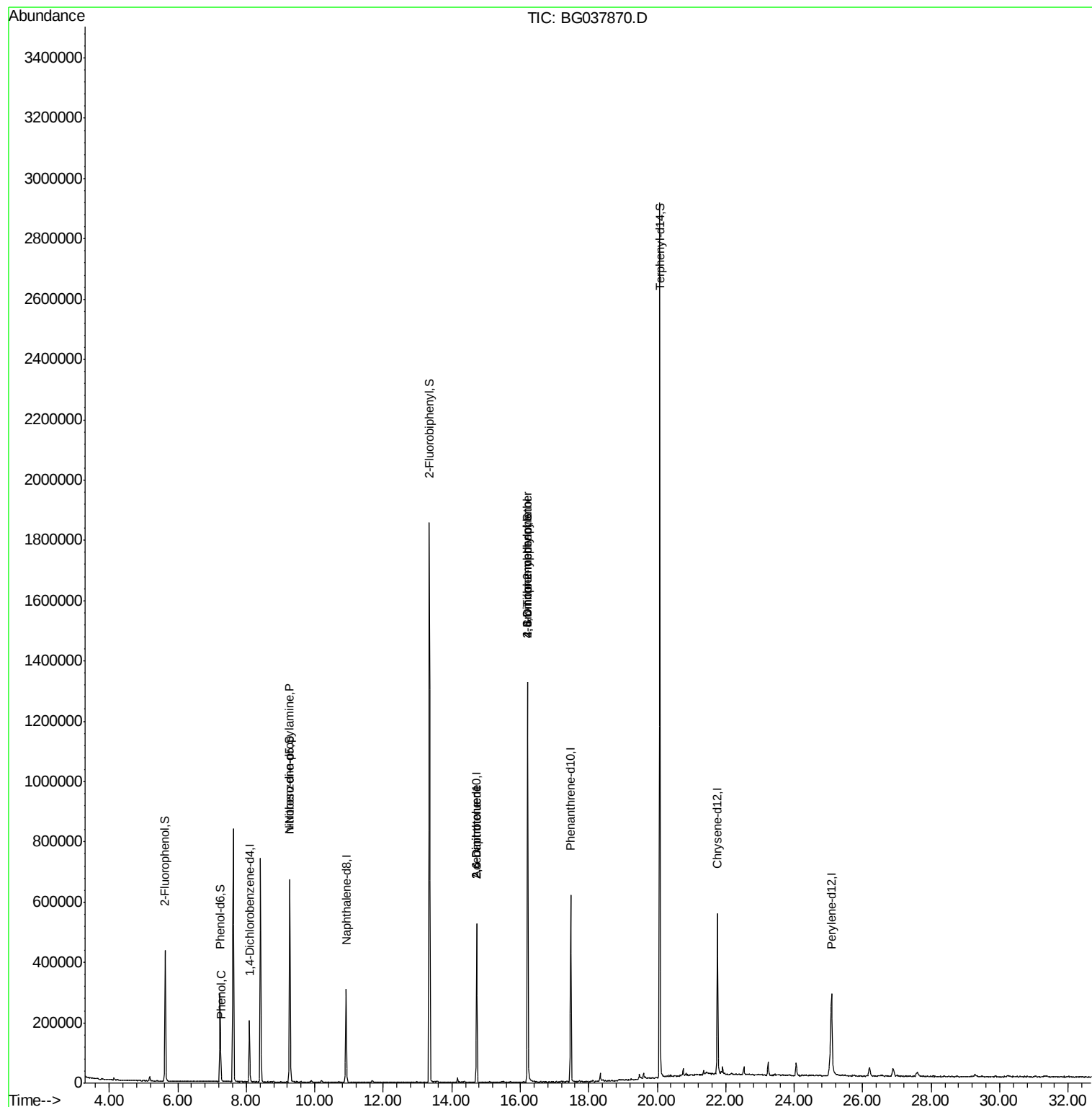
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	62017	20.00	ng	-0.01
21) Naphthalene-d8	10.91	136	281309	20.00	ng	-0.01
39) Acenaphthene-d10	14.73	164	186151	20.00	ng	-0.01
64) Phenanthrene-d10	17.47	188	401420	20.00	ng	-0.01
76) Chrysene-d12	21.75	240	352945	20.00	ng	-0.02
87) Perylene-d12	25.09	264	340908	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	206139	55.57	ng	-0.01
7) Phenol-d6	7.24	99	192660	34.35	ng	-0.01
23) Nitrobenzene-d5	9.27	82	438315	87.28	ng	-0.01
42) 2,4,6-Tribromophenol	16.21	330	249984	123.12	ng	-0.01
45) 2-Fluorobiphenyl	13.35	172	1047353	84.84	ng	-0.02
79) Terphenyl-d14	20.07	244	1356142	82.10	ng	-0.01
Target Compounds						Qvalue
10) Phenol	7.27	94	13425	2.27	ng	88
19) n-Nitroso-di-n-propylamine	9.27	70	55133	14.27	ng	# 69
51) 2,6-Dinitrotoluene	14.73	165	23301	7.31	ng	# 25
57) 2,4-Dinitrotoluene	14.73	165	23301	5.57	ng	# 25
65) 4,6-Dinitro-2-methylphenol	16.22	198	750	8.80	ng	85
67) 4-Bromophenyl-phenylether	16.21	248	18252	4.14	ng	# 1

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

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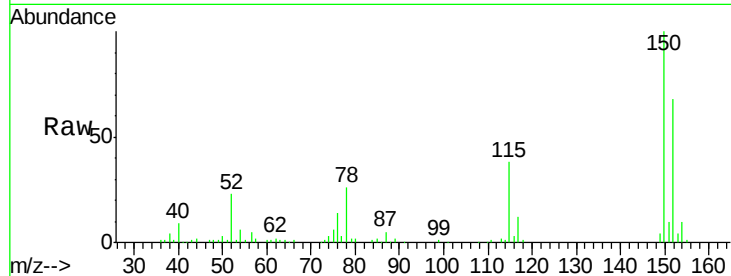


#1

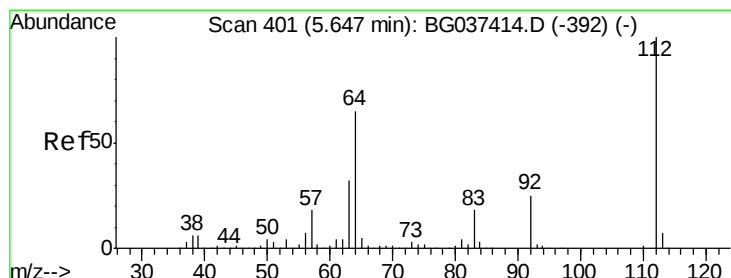
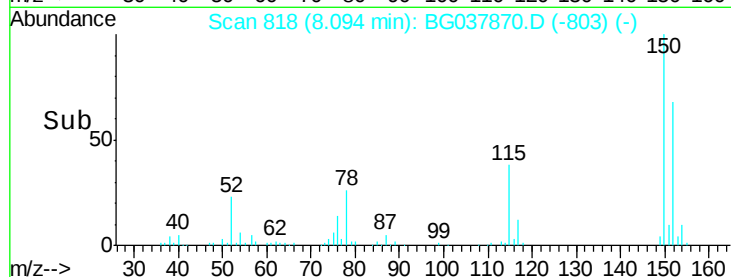
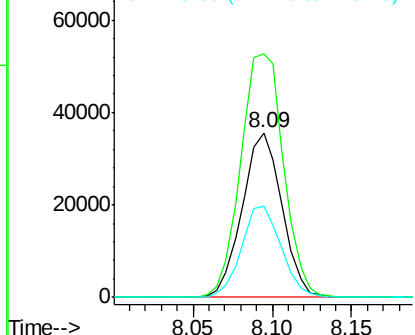
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.09 min Scan# 818
Delta R.T. -0.01 min
Lab File: BG037870.D
Acq: 7 Nov 2018 18:04

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	147.8	126.0	189.0
115	55.7	45.5	68.3



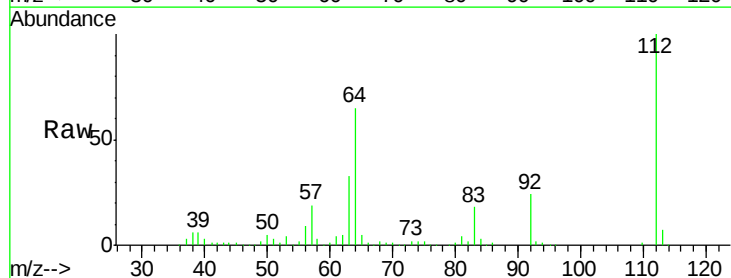
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



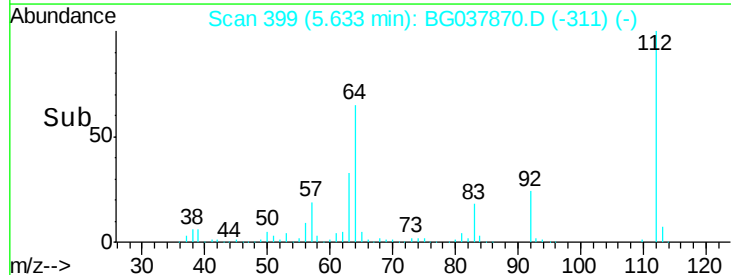
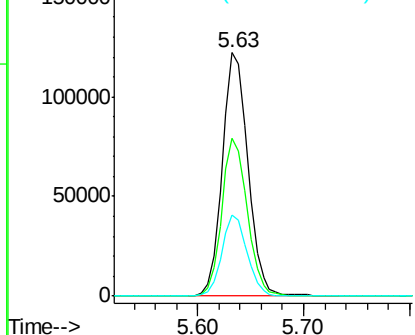
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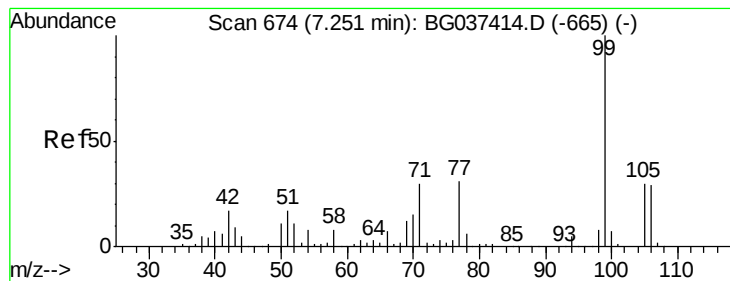
2-Fluorophenol
Concen: 55.57 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.01 min
Lab File: BG037870.D
Acq: 7 Nov 2018 18:04

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.6	53.1	79.7
63	33.3	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: 34.35 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.01 min

Lab File: BG037870.D

Acq: 7 Nov 2018 18:04

Instrument :

BNA_G

ClientSampled :

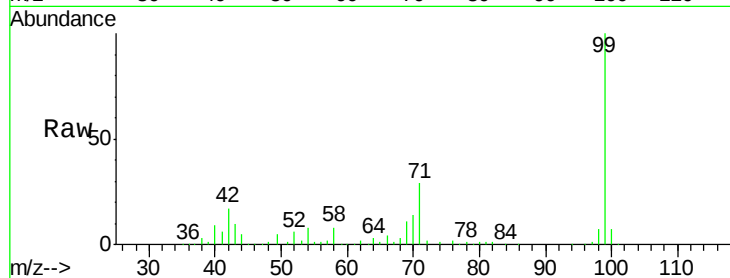
Tot Ion: 99 Resp: 192660

Ion Ratio Lower Upper

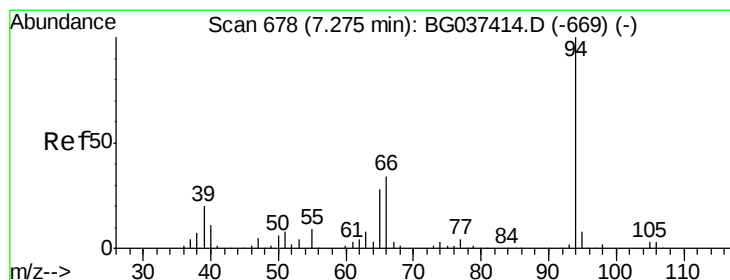
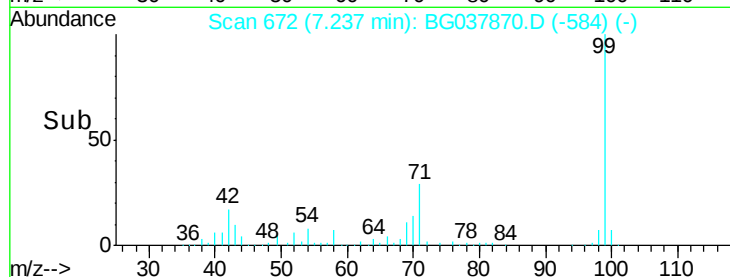
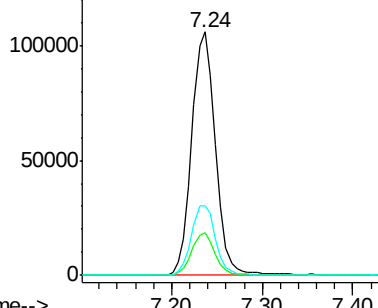
99 100

42 17.4 15.0 22.4

71 28.7 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



#10

Phenol

Concen: 2.27 ng

RT: 7.27 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG037870.D

Acq: 7 Nov 2018 18:04

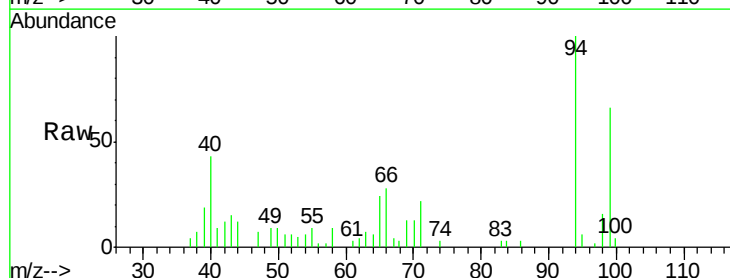
Tgt Ion: 94 Resp: 13425

Ion Ratio Lower Upper

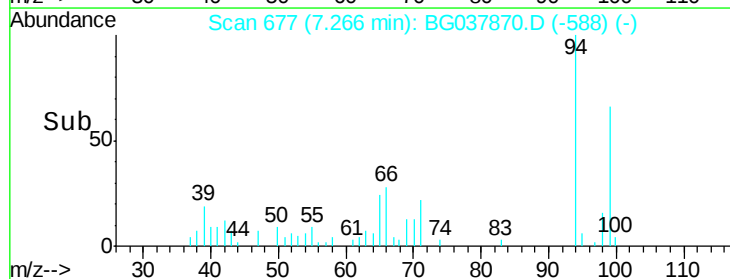
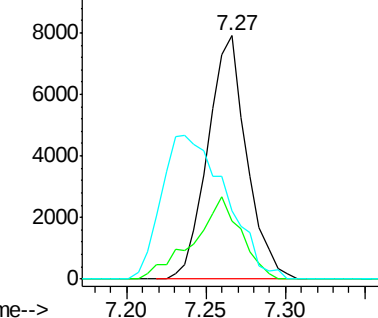
94 100

65 23.9 9.7 49.7

66 28.0 15.9 55.9



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





#19

n-Nitroso-di-n-propylamine

Concen: 14.27 ng

RT: 9.27 min Scan# 1018

Delta R.T. 0.36 min

Lab File: BG037870.D

Acq: 7 Nov 2018 18:04

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 55133

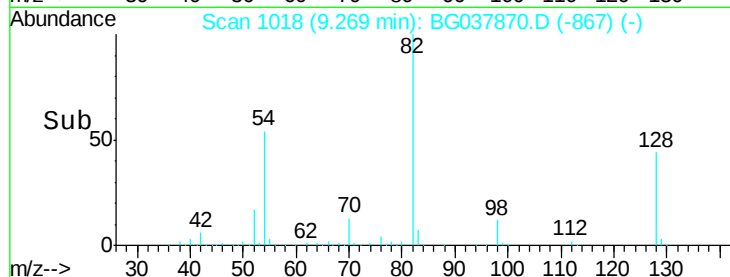
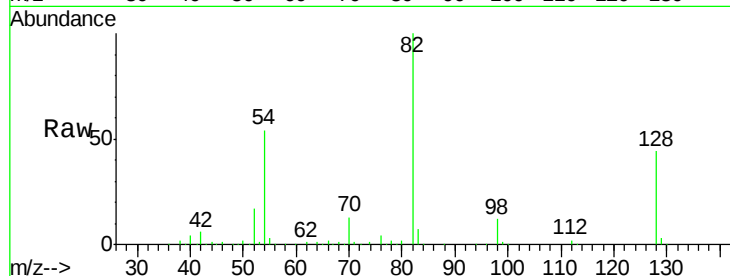
Ion Ratio Lower Upper

70 100

42 45.7 53.9 80.9#

101 0.0 8.2 12.2#

130 2.3 18.2 27.4#

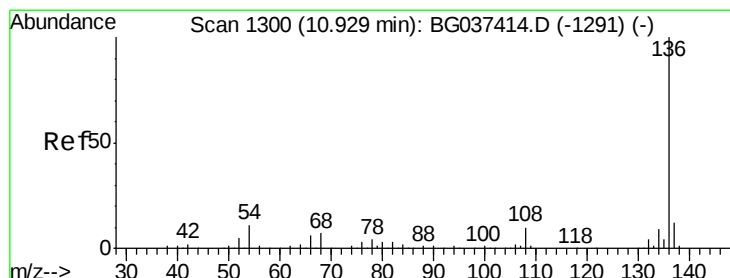
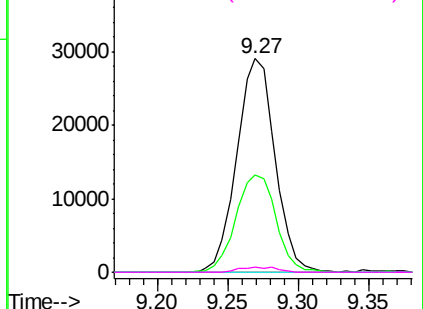


Abundance Ion 70.00 (69.70 to 70.70): BGC

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: BG037870.D

Acq: 7 Nov 2018 18:04

Tgt Ion: 136 Resp: 281309

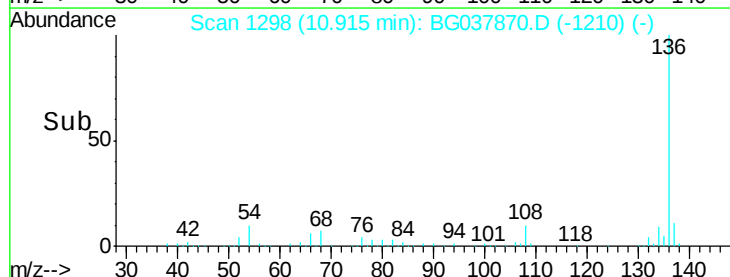
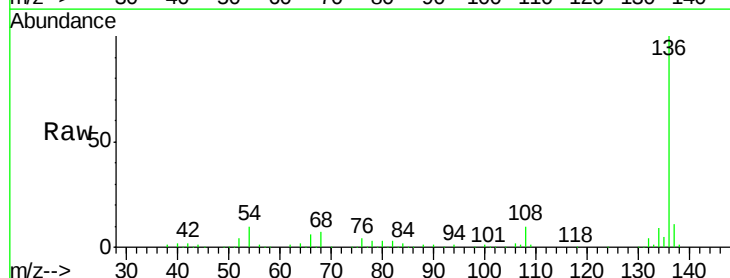
Ion Ratio Lower Upper

136 100

137 11.4 9.6 14.4

54 9.7 7.9 11.9

68 6.5 4.8 7.2

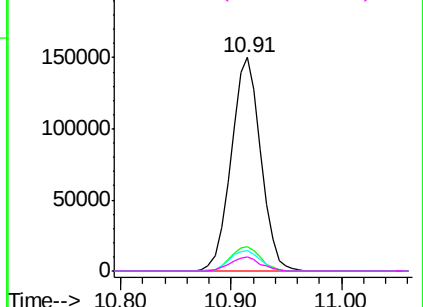


Abundance Ion 136.00 (135.70 to 136.70): BGC

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

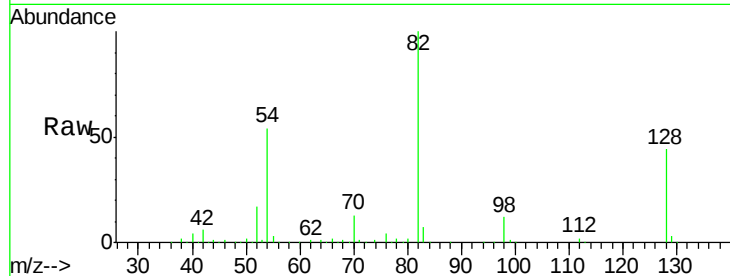




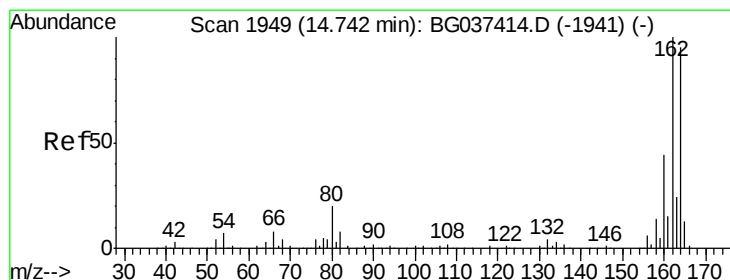
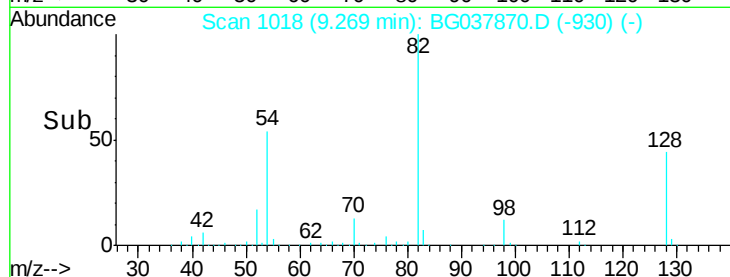
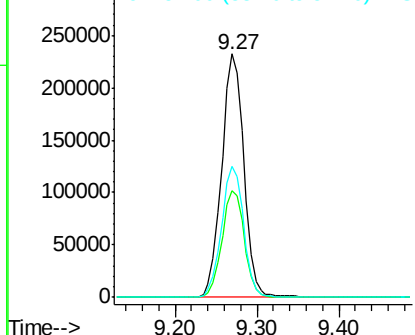
#23
Nitrobenzene-d5
Concen: 87.28 ng
RT: 9.27 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BG037870.D
Acq: 7 Nov 2018 18:04

Instrument :
BNA_G
ClientSampled :

Tot Ion	82	Resp	438315
Ion Ratio	100	Lower	Upper
128	43.9	34.6	51.8
54	54.0	45.3	67.9

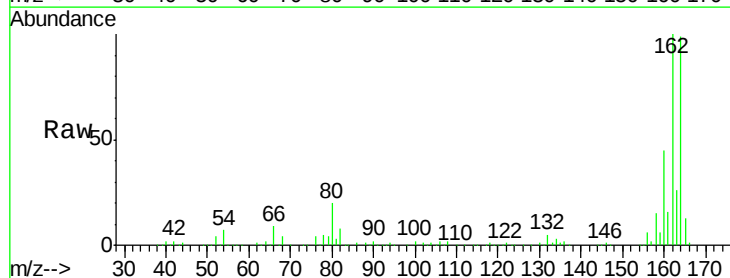


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

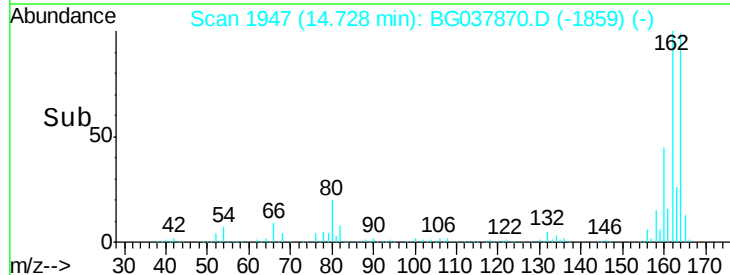
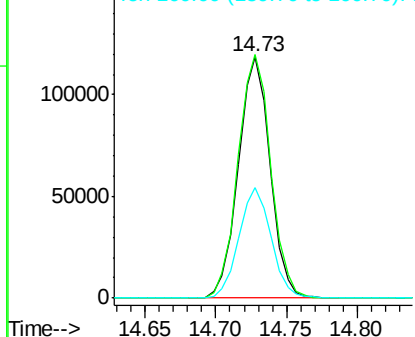


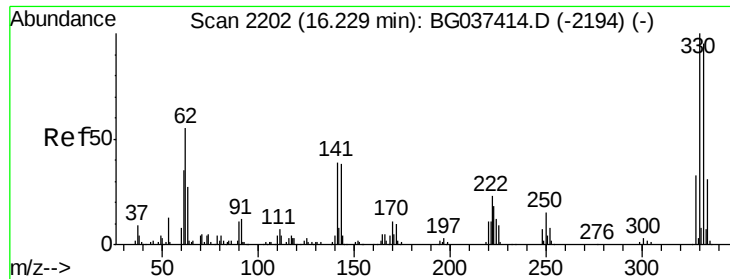
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.73 min Scan# 1947
Delta R.T. -0.01 min
Lab File: BG037870.D
Acq: 7 Nov 2018 18:04

Tgt Ion	164	Resp	186151
Ion Ratio	100	Lower	Upper
162	100.9	81.3	121.9
160	45.6	36.3	54.5



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

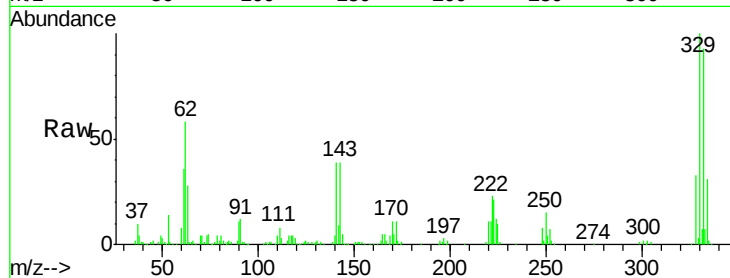




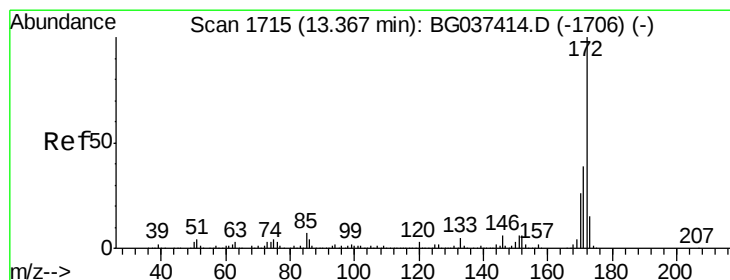
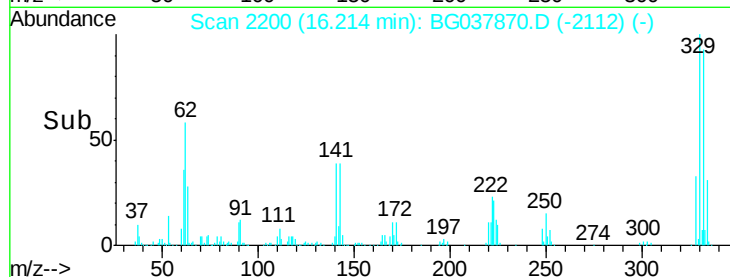
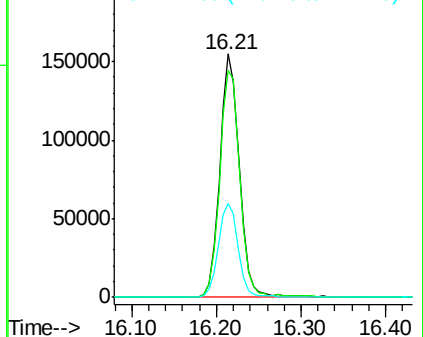
#42
 2,4,6-Tribromophenol
 Concen: 123.12 ng
 RT: 16.21 min Scan# 2200
 Delta R.T. -0.01 min
 Lab File: BG037870.D
 Acq: 7 Nov 2018 18:04

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 249984
 Ion Ratio Lower Upper
 330 100
 332 94.8 78.4 117.6
 141 39.1 32.2 48.2

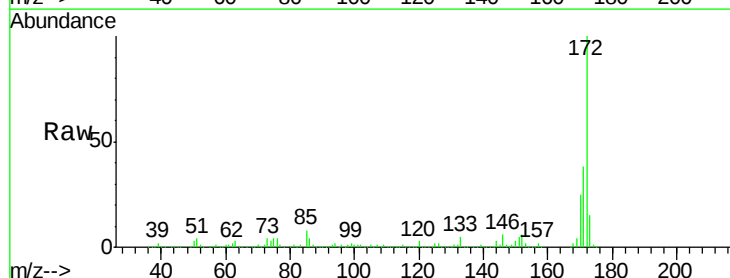


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

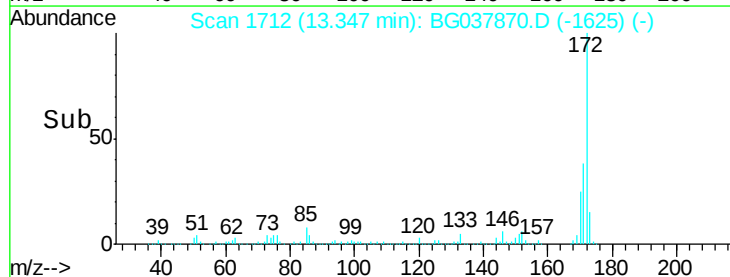
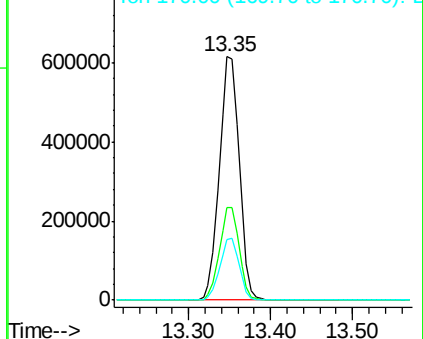


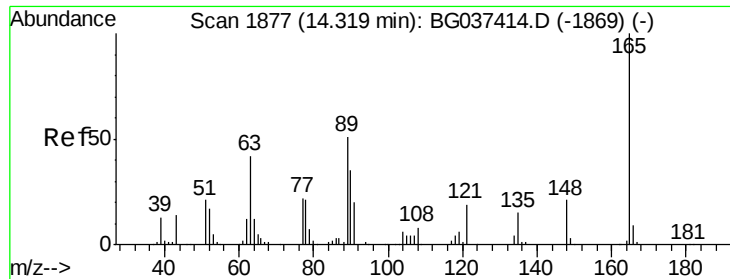
#45
 2-Fluorobiphenyl
 Concen: 84.84 ng
 RT: 13.35 min Scan# 1712
 Delta R.T. -0.02 min
 Lab File: BG037870.D
 Acq: 7 Nov 2018 18:04

Tgt Ion:172 Resp: 1047353
 Ion Ratio Lower Upper
 172 100
 171 37.9 31.0 46.4
 170 25.1 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

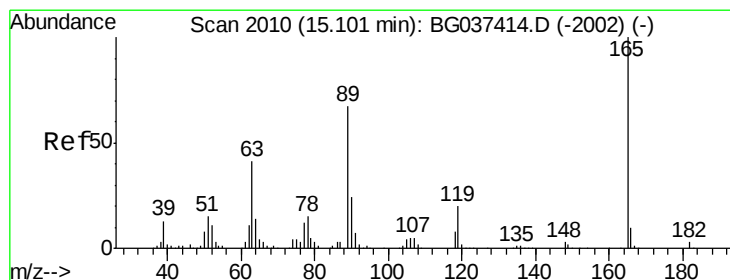
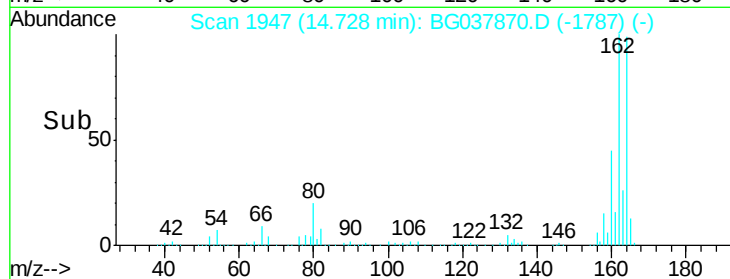
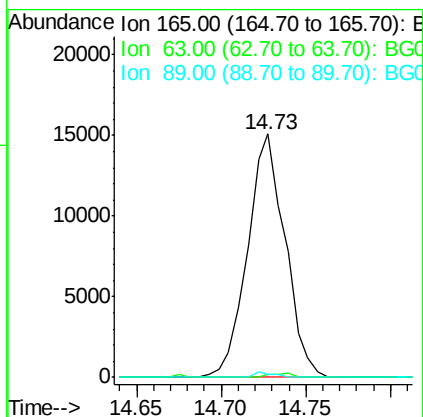
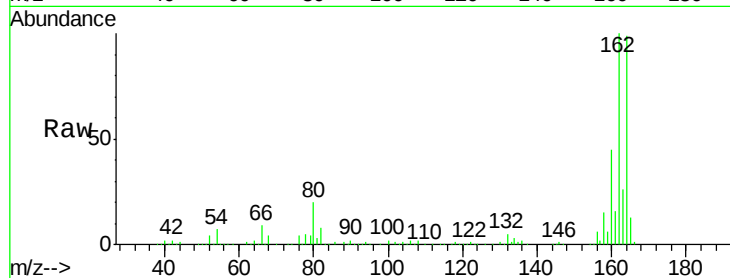




#51
 2,6-Dinitrotoluene
 Concen: 7.31 ng
 RT: 14.73 min Scan# 1947
 Delta R.T. 0.41 min
 Lab File: BG037870.D
 Acq: 7 Nov 2018 18:04

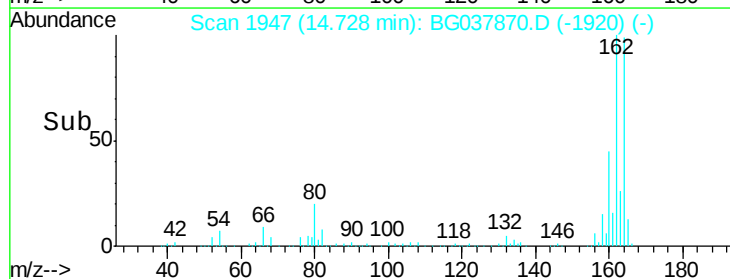
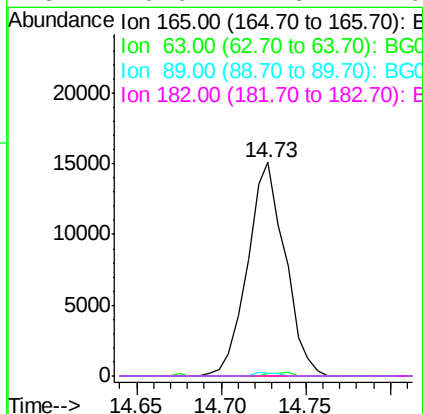
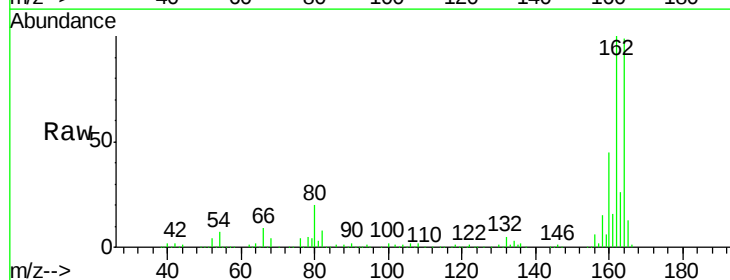
Instrument :
 BNA_G
 ClientSampleId :

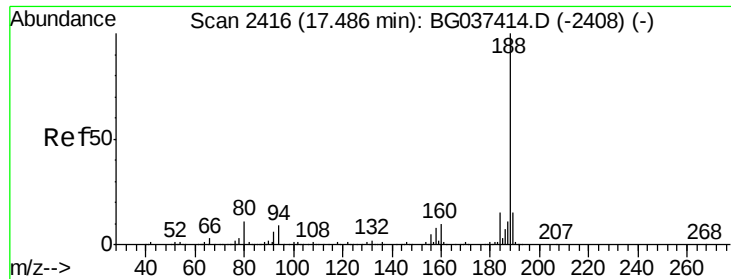
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.5	43.4	65.2#
89	1.4	45.8	68.6#



#57
 2,4-Dinitrotoluene
 Concen: 5.57 ng
 RT: 14.73 min Scan# 1947
 Delta R.T. -0.37 min
 Lab File: BG037870.D
 Acq: 7 Nov 2018 18:04

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	33.4	50.0#
89	1.4	57.2	85.8#
182	0.0	2.6	4.0#

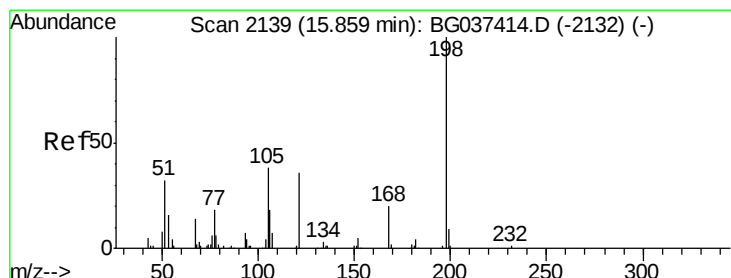
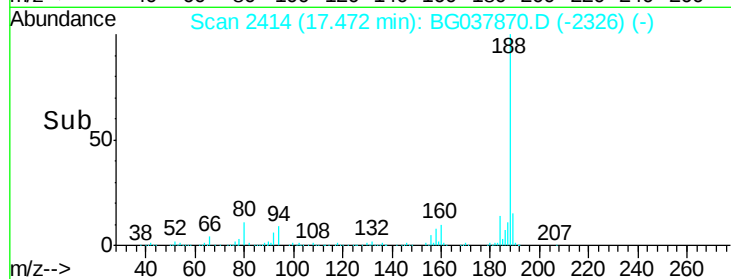
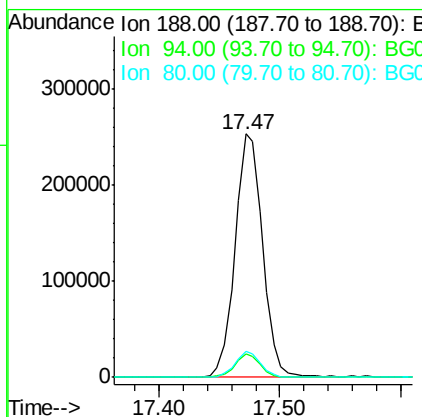
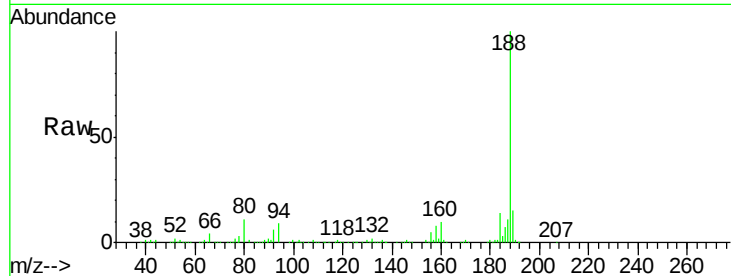




#64
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.47 min Scan# 2414
 Delta R.T. -0.01 min
 Lab File: BG037870.D
 Acq: 7 Nov 2018 18:04

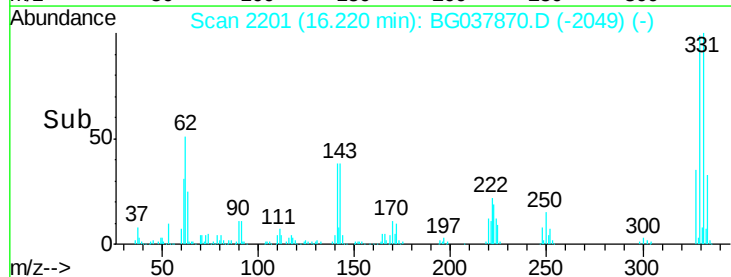
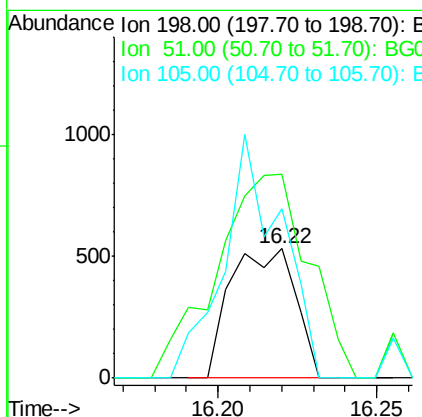
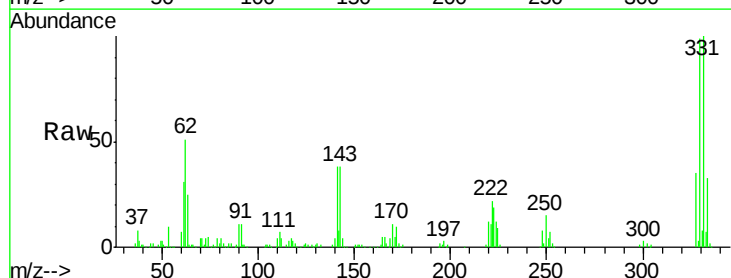
Instrument :
 BNA_G
 ClientSampleId :

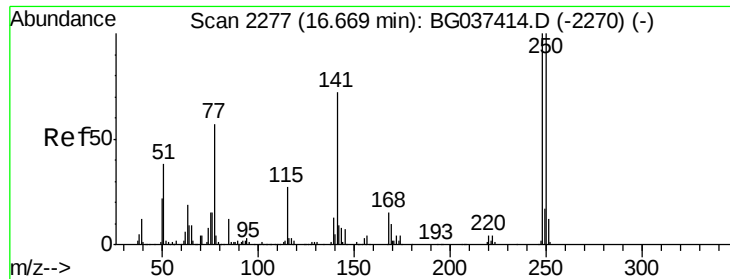
Tot Ion:188 Resp: 401420
 Ion Ratio Lower Upper
 188 100
 94 9.5 7.2 10.8
 80 10.9 7.7 11.5



#65
 4,6-Dinitro-2-methylphenol
 Concen: 8.80 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. 0.36 min
 Lab File: BG037870.D
 Acq: 7 Nov 2018 18:04

Tgt Ion:198 Resp: 750
 Ion Ratio Lower Upper
 198 100
 51 34.8 22.7 62.7
 105 28.8 19.7 59.7

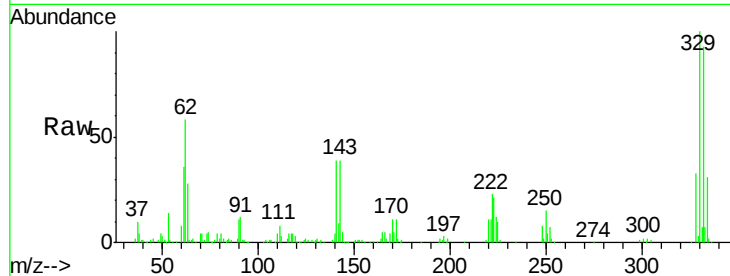




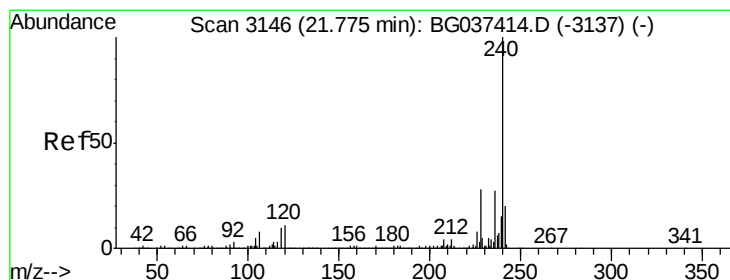
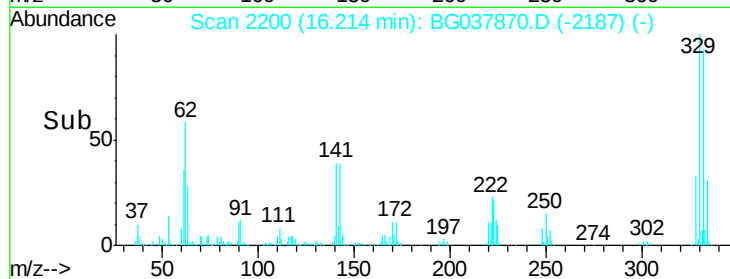
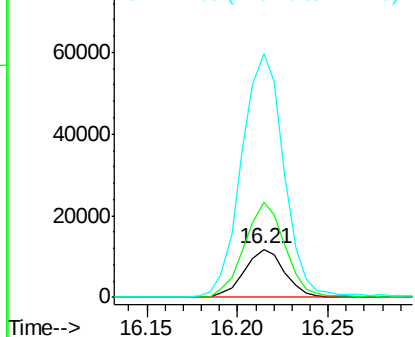
#67
 4-Bromophenyl-phenylether
 Concen: 4.14 ng
 RT: 16.21 min Scan# 2200
 Delta R.T. -0.46 min
 Lab File: BG037870.D
 Acq: 7 Nov 2018 18:04

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 18252
 Ion Ratio Lower Upper
 248 100
 250 194.9 77.0 115.6#
 141 385.8 55.5 83.3#

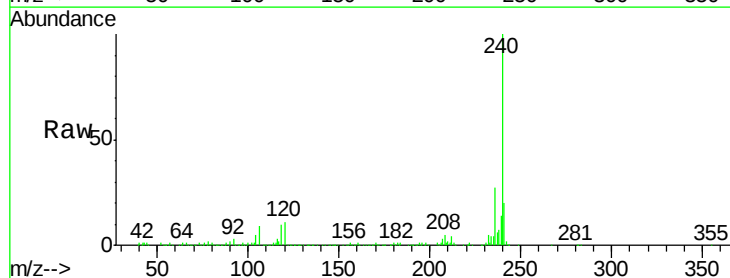


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

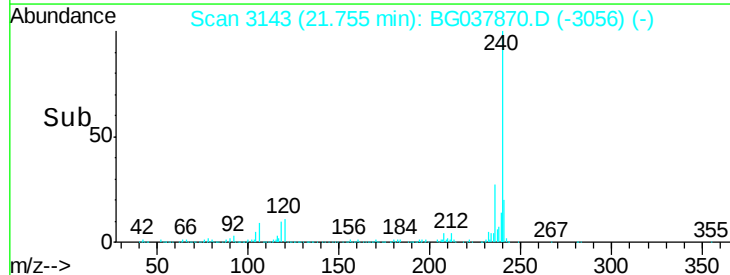
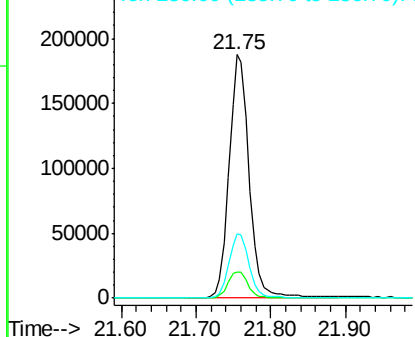


#76
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.75 min Scan# 3143
 Delta R.T. -0.02 min
 Lab File: BG037870.D
 Acq: 7 Nov 2018 18:04

Tgt Ion:240 Resp: 352945
 Ion Ratio Lower Upper
 240 100
 120 10.9 8.1 12.1
 236 26.6 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: 82.10 ng

RT: 20.07 min Scan# 2857

Delta R.T. -0.01 min

Lab File: BG037870.D

Acq: 7 Nov 2018 18:04

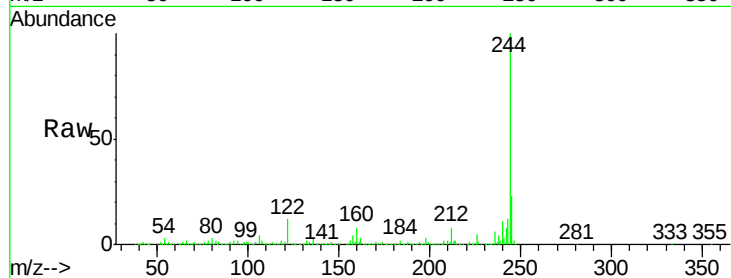
Instrument :

BNA_G

ClientSampleId :

Tot Ion:244 Resp: 1356142

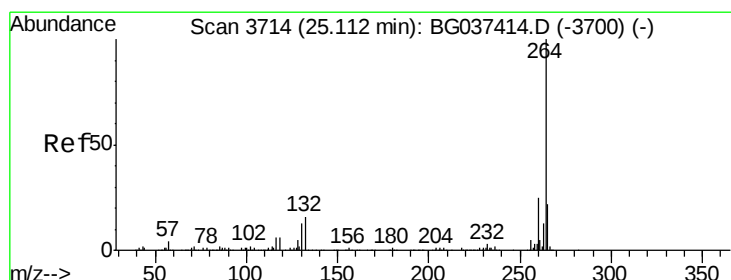
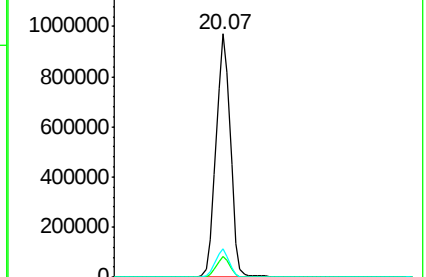
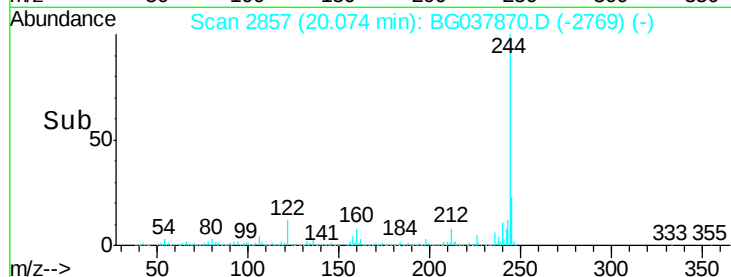
Ion	Ratio	Lower	Upper
244	100		
212	8.4	6.5	9.7
122	11.8	9.0	13.4



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

Perylene-d12

Concen: 20.00 ng

RT: 25.09 min Scan# 3710

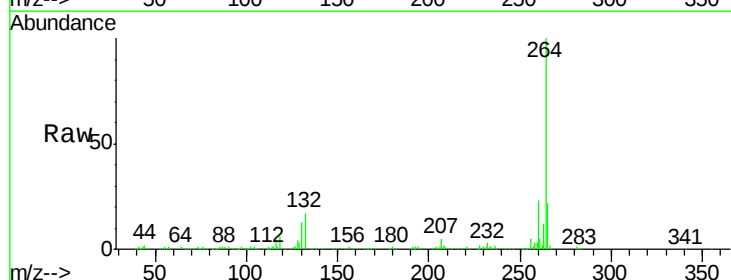
Delta R.T. -0.03 min

Lab File: BG037870.D

Acq: 7 Nov 2018 18:04

Tgt Ion:264 Resp: 340908

Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.2	27.4
265	21.6	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

