

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110618\
 Data File : BG037844.D
 Acq On : 6 Nov 2018 18:44
 Operator : JU/SJ
 Sample : J5819-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 07 08:20:55 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

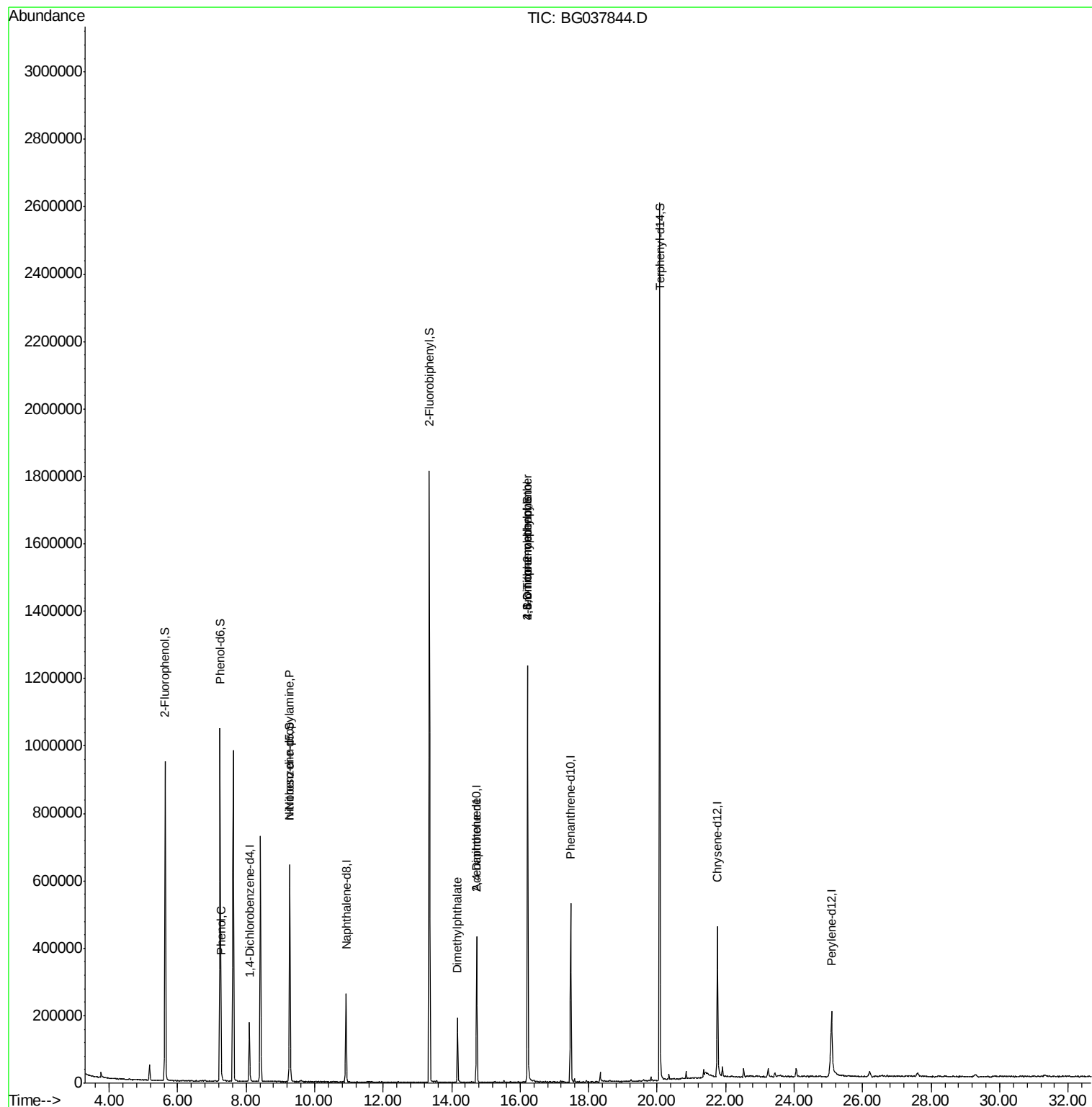
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	53966	20.00	ng	-0.01
21) Naphthalene-d8	10.92	136	244683	20.00	ng	-0.01
39) Acenaphthene-d10	14.73	164	161381	20.00	ng	-0.01
64) Phenanthrene-d10	17.47	188	347496	20.00	ng	-0.01
76) Chrysene-d12	21.76	240	305310	20.00	ng	-0.02
87) Perylene-d12	25.09	264	270969	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	449872	139.37	ng	-0.01
7) Phenol-d6	7.24	99	681878	139.70	ng	-0.01
23) Nitrobenzene-d5	9.27	82	413717	94.72	ng	-0.01
42) 2,4,6-Tribromophenol	16.22	330	232708	132.21	ng	-0.01
45) 2-Fluorobiphenyl	13.35	172	992395	92.73	ng	-0.02
79) Terphenyl-d14	20.08	244	1314071	91.97	ng	-0.01
Target Compounds						
10) Phenol	7.27	94	54278	10.54	ng	Qvalue 97
19) n-Nitroso-di-n-propylamine	9.27	70	52043	15.48	ng	# 71
50) Dimethylphthalate	14.17	163	136653	10.95	ng	98
57) 2,4-Dinitrotoluene	14.72	165	20357	5.62	ng	# 24
65) 4,6-Dinitro-2-methylphenol	16.22	198	679	8.81	ng	# 66
67) 4-Bromophenyl-phenylether	16.22	248	16804	4.40	ng	# 1

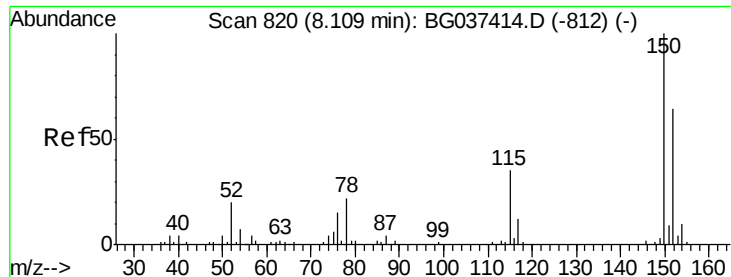
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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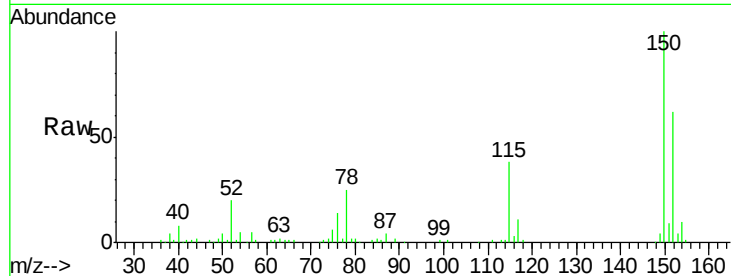


#1

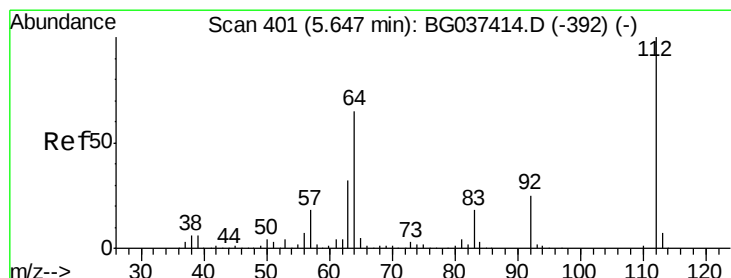
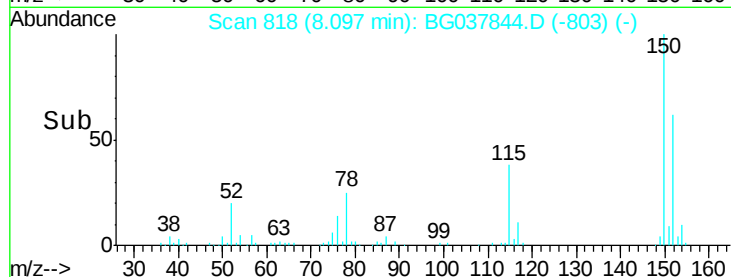
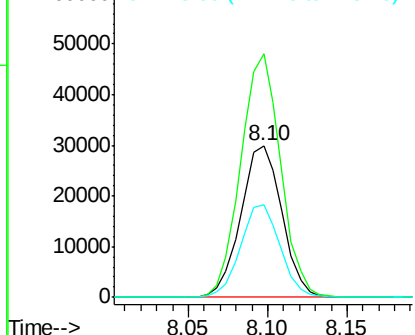
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.10 min Scan# 818
Delta R.T. -0.01 min
Lab File: BG037844.D
Acq: 6 Nov 2018 18:44

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 53966
Ion Ratio Lower Upper
152 100
150 160.1 126.0 189.0
115 60.5 45.5 68.3



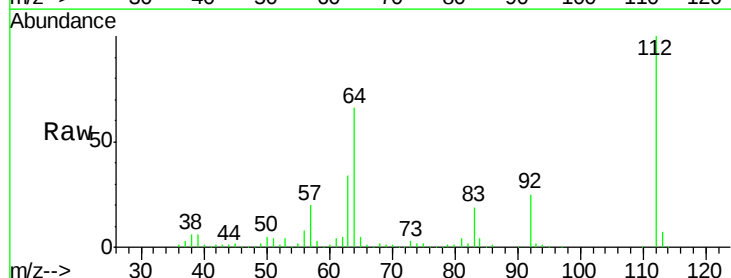
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



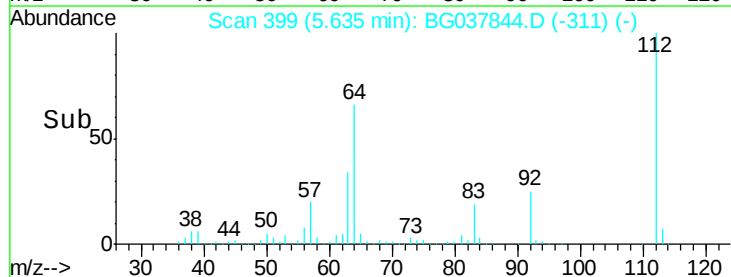
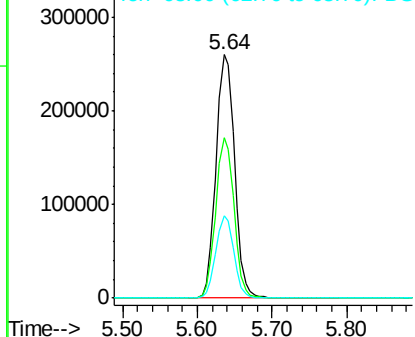
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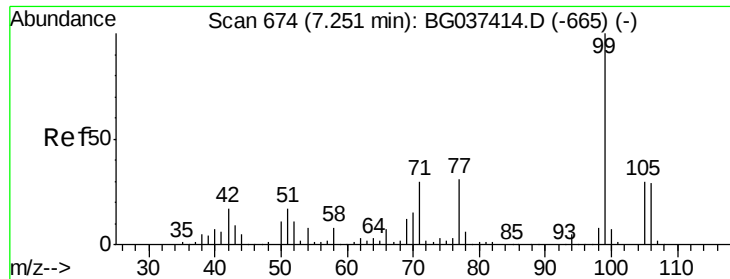
2-Fluorophenol
Concen: 139.37 ng
RT: 5.64 min Scan# 399
Delta R.T. -0.01 min
Lab File: BG037844.D
Acq: 6 Nov 2018 18:44

Tgt Ion:112 Resp: 449872
Ion Ratio Lower Upper
112 100
64 66.0 53.1 79.7
63 33.7 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: 139.70 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.01 min

Lab File: BG037844.D

Acq: 6 Nov 2018 18:44

Instrument :

BNA_G

ClientSampleId :

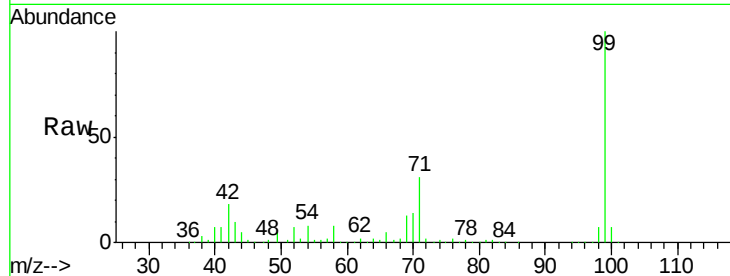
Tot Ion: 99 Resp: 681878

Ion Ratio Lower Upper

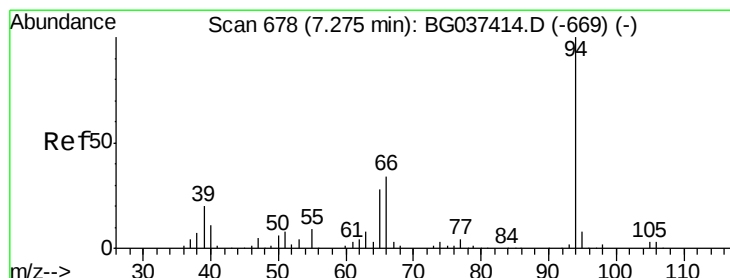
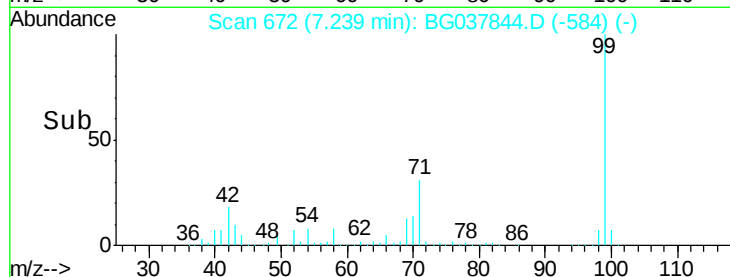
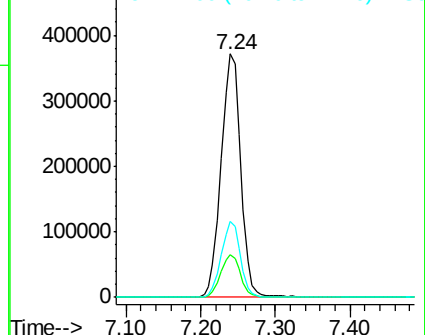
99 100

42 17.7 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



#10

Phenol

Concen: 10.54 ng

RT: 7.27 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG037844.D

Acq: 6 Nov 2018 18:44

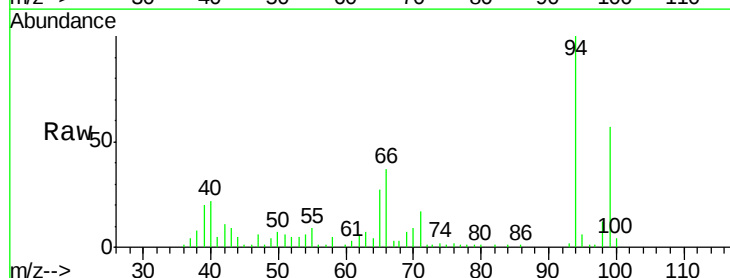
Tgt Ion: 94 Resp: 54278

Ion Ratio Lower Upper

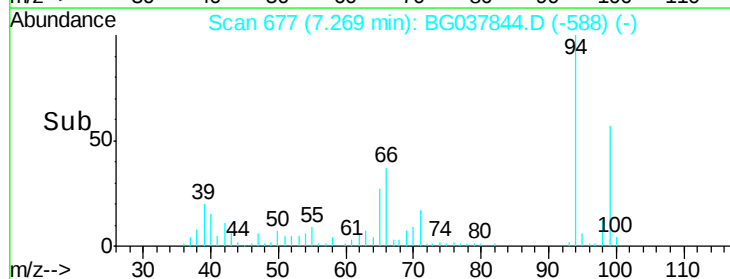
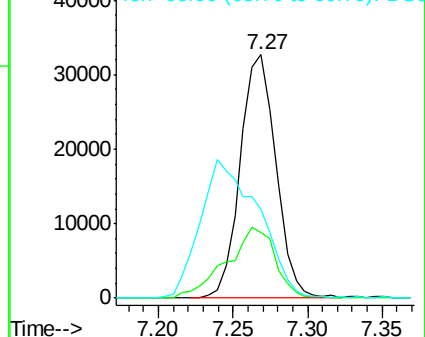
94 100

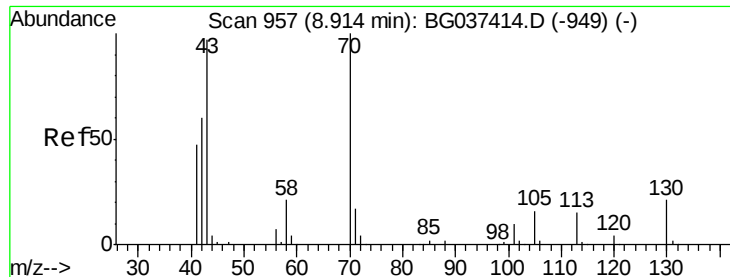
65 27.1 9.7 49.7

66 36.5 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

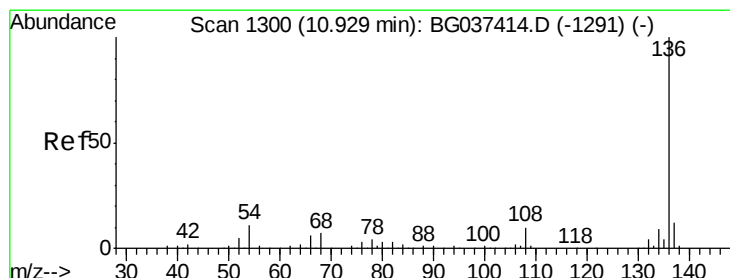
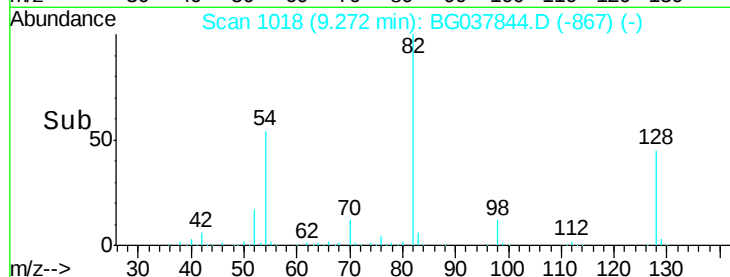
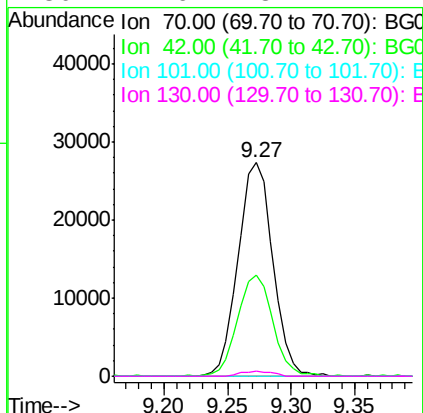
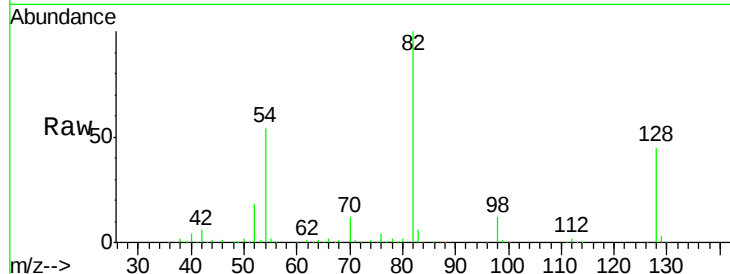




#19
n-Nitroso-di-n-propylamine
Concen: 15.48 ng
RT: 9.27 min Scan# 1018
Delta R.T. 0.36 min
Lab File: BG037844.D
Acq: 6 Nov 2018 18:44

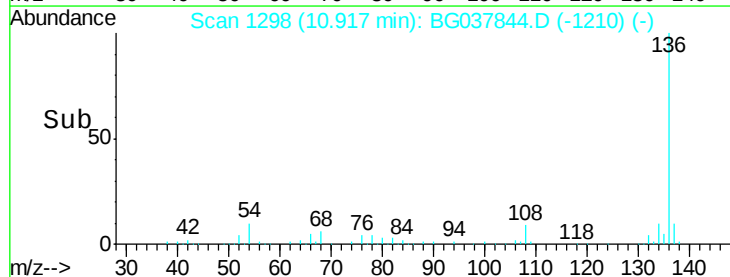
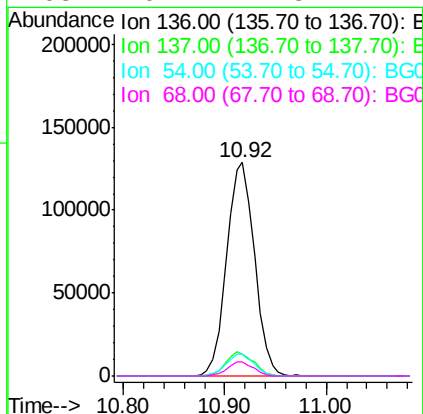
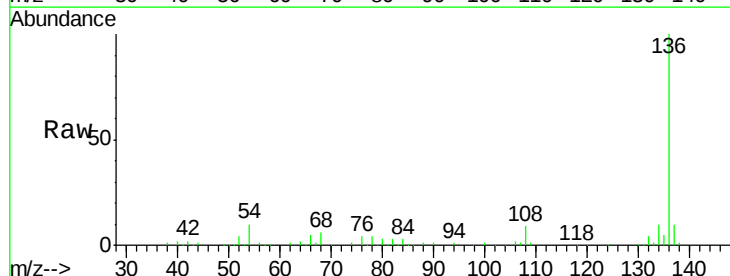
Instrument :
BNA_G
ClientSampleId :

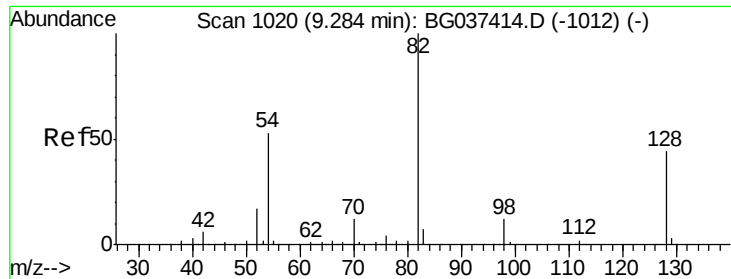
Tot Ion: 70 Resp: 52043
Ion Ratio Lower Upper
70 100
42 47.3 53.9 80.9#
101 0.0 8.2 12.2#
130 2.6 18.2 27.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.92 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BG037844.D
Acq: 6 Nov 2018 18:44

Tgt Ion: 136 Resp: 244683
Ion Ratio Lower Upper
136 100
137 10.4 9.6 14.4
54 10.0 7.9 11.9
68 6.4 4.8 7.2

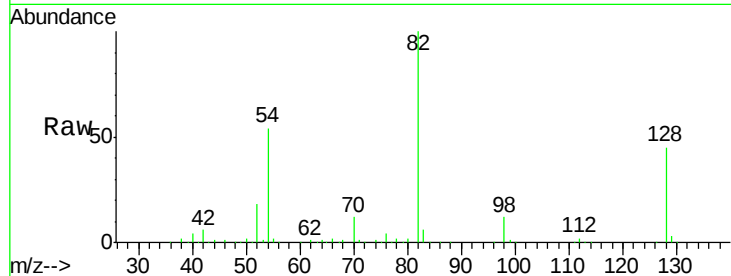




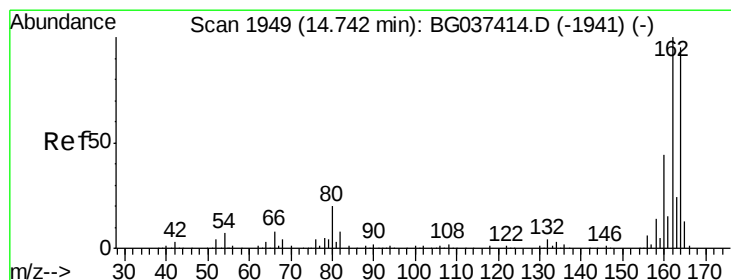
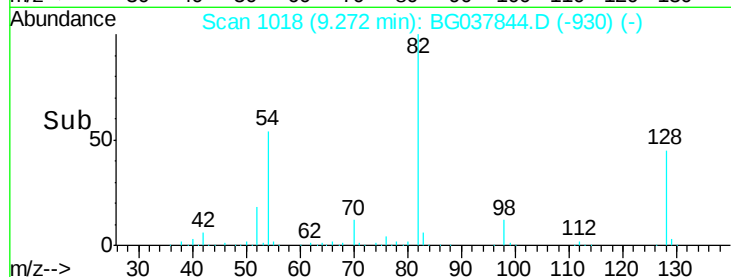
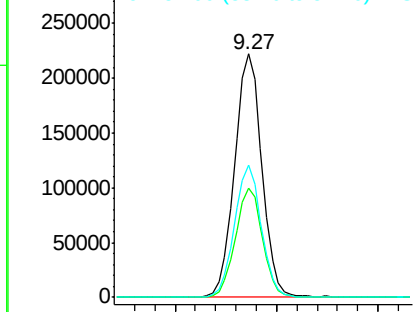
#23
Nitrobenzene-d5
Concen: 94.72 ng
RT: 9.27 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BG037844.D
Acq: 6 Nov 2018 18:44

Instrument :
BNA_G
ClientSampled :

Tot Ion	82	Resp	413717
Ion Ratio	100	Lower	Upper
128	44.6	34.6	51.8
54	54.4	45.3	67.9

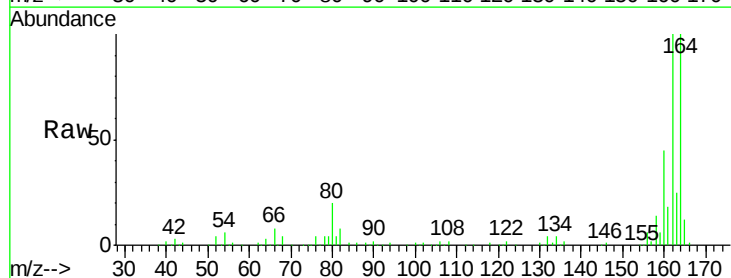


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

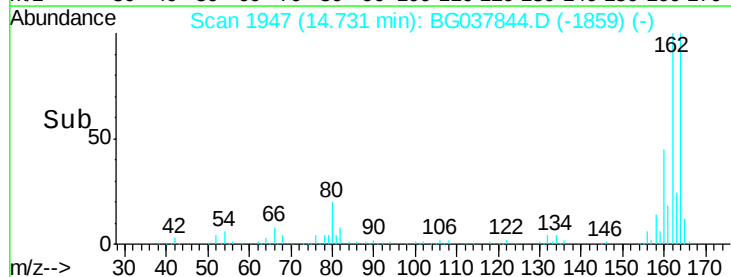
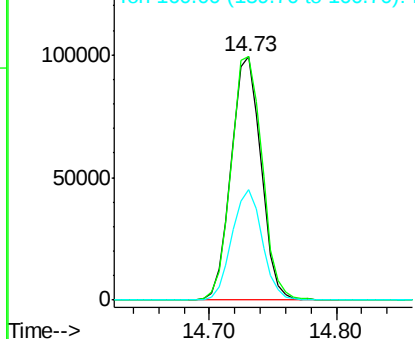


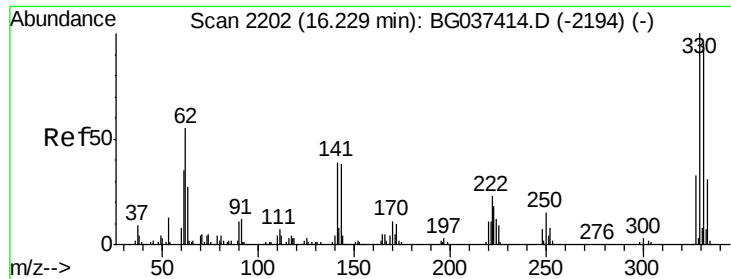
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.73 min Scan# 1947
Delta R.T. -0.01 min
Lab File: BG037844.D
Acq: 6 Nov 2018 18:44

Tgt Ion	164	Resp	161381
Ion Ratio	100	Lower	Upper
162	100.0	81.3	121.9
160	45.3	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

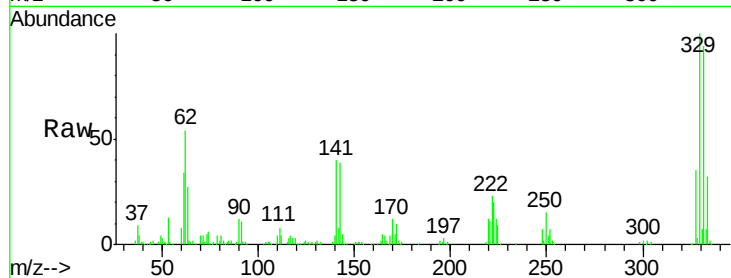




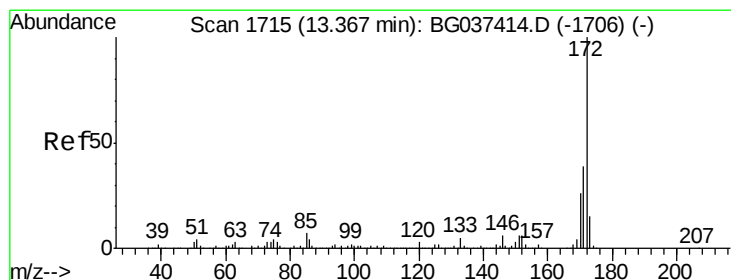
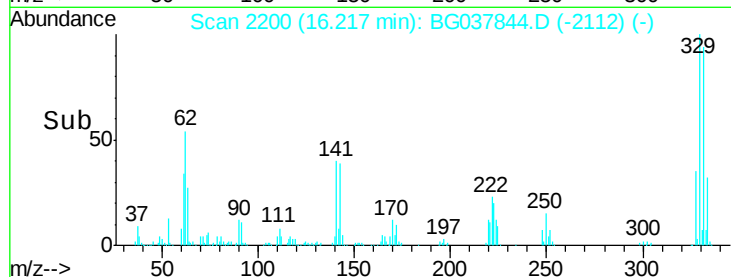
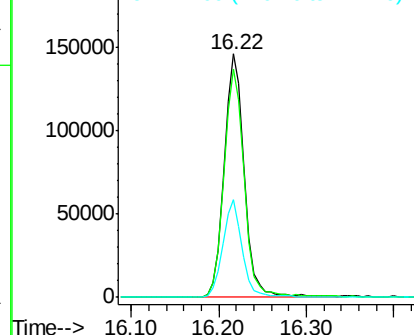
#42
 2,4,6-Tribromophenol
 Concen: 132.21 ng
 RT: 16.22 min Scan# 2200
 Delta R.T. -0.01 min
 Lab File: BG037844.D
 Acq: 6 Nov 2018 18:44

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 232708
 Ion Ratio Lower Upper
 330 100
 332 94.7 78.4 117.6
 141 38.8 32.2 48.2

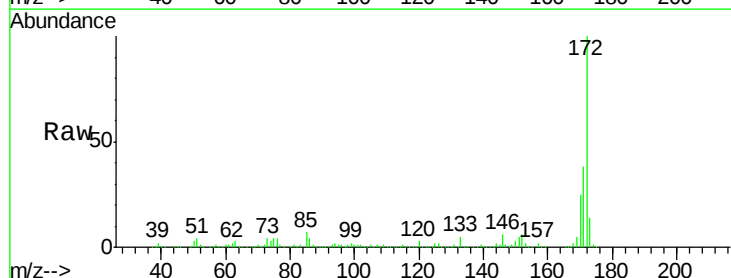


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

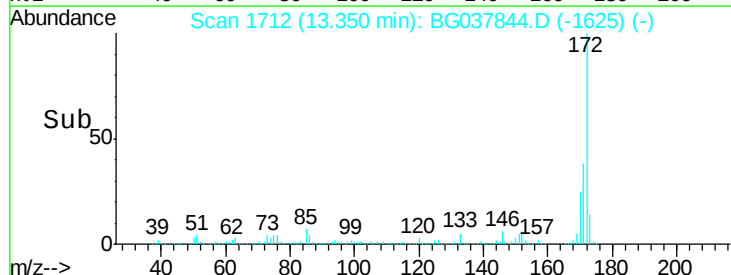
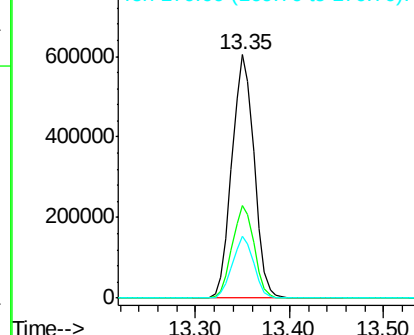


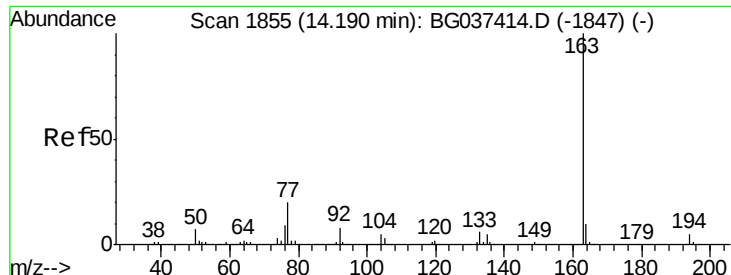
#45
 2-Fluorobiphenyl
 Concen: 92.73 ng
 RT: 13.35 min Scan# 1712
 Delta R.T. -0.02 min
 Lab File: BG037844.D
 Acq: 6 Nov 2018 18:44

Tgt Ion:172 Resp: 992395
 Ion Ratio Lower Upper
 172 100
 171 38.2 31.0 46.4
 170 25.2 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





#50

Dimethylphthalate

Concen: 10.95 ng

RT: 14.17 min Scan# 1852

Delta R.T. -0.02 min

Lab File: BG037844.D

Acq: 6 Nov 2018 18:44

Instrument :

BNA_G

ClientSampleId :

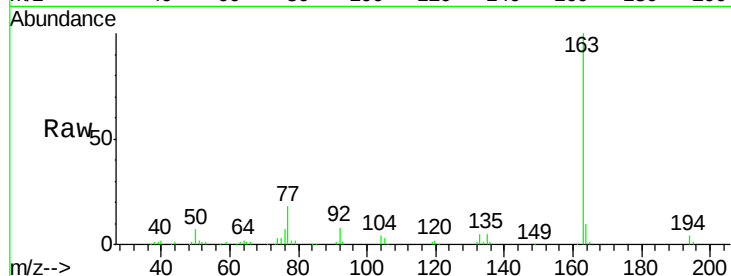
Tot Ion:163 Resp: 136653

Ion Ratio Lower Upper

163 100

194 4.0 3.5 5.3

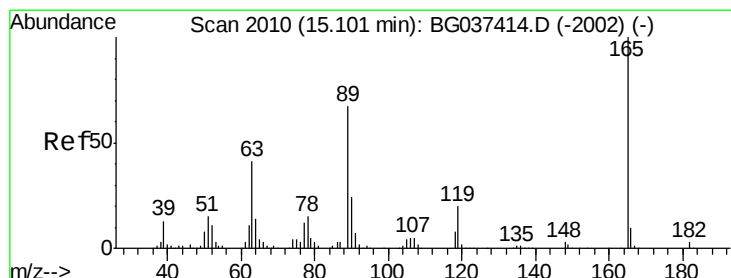
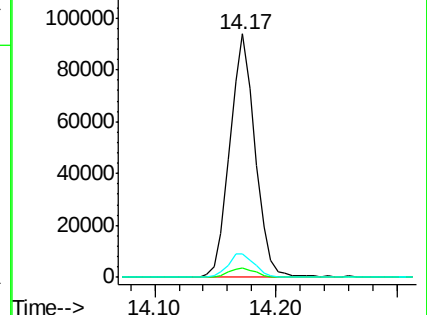
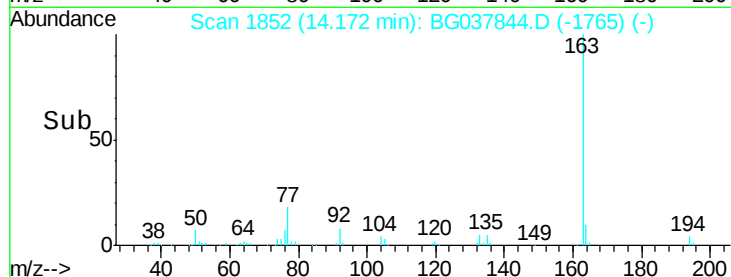
164 9.8 8.5 12.7



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#57

2,4-Dinitrotoluene

Concen: 5.62 ng

RT: 14.72 min Scan# 1946

Delta R.T. -0.38 min

Lab File: BG037844.D

Acq: 6 Nov 2018 18:44

Tgt Ion:165 Resp: 20357

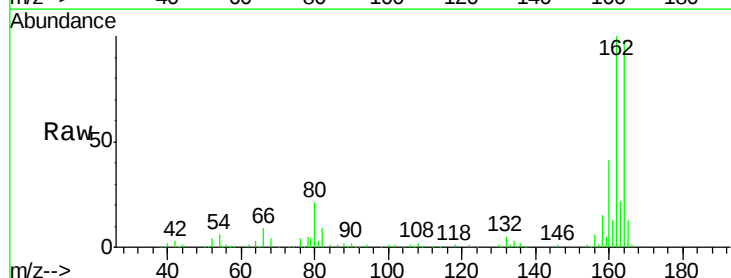
Ion Ratio Lower Upper

165 100

63 0.0 33.4 50.0#

89 1.4 57.2 85.8#

182 0.0 2.6 4.0#

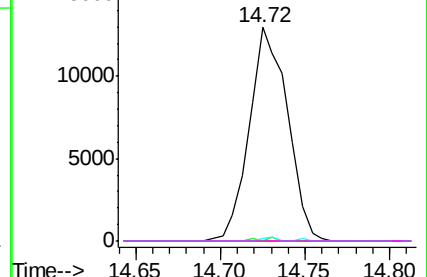
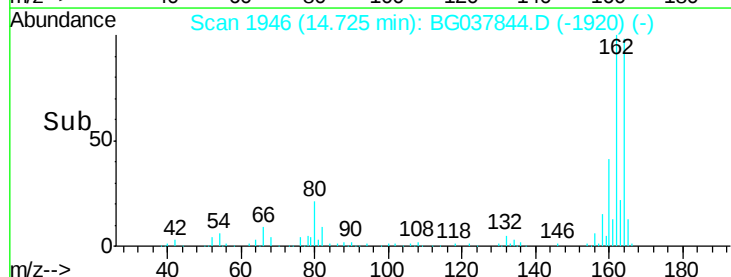


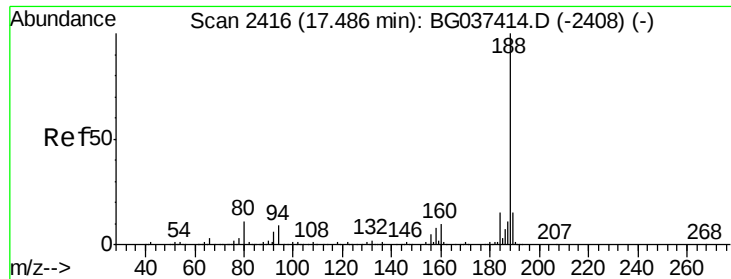
Abundance Ion 165.00 (164.70 to 165.70): E

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

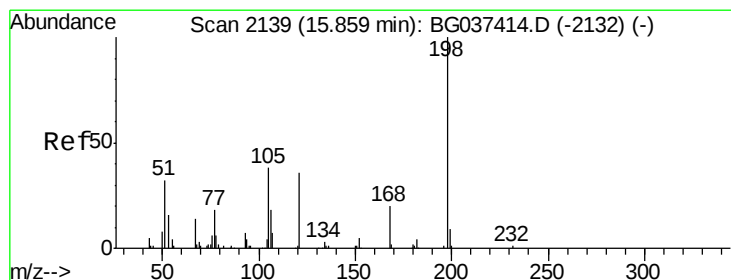
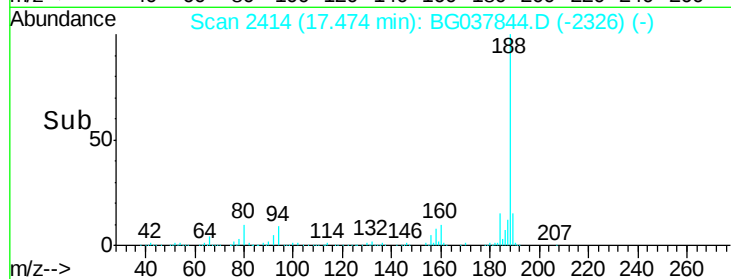
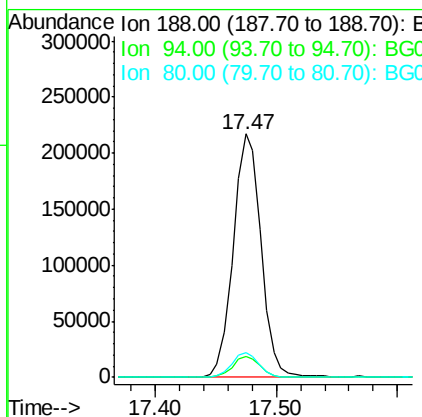
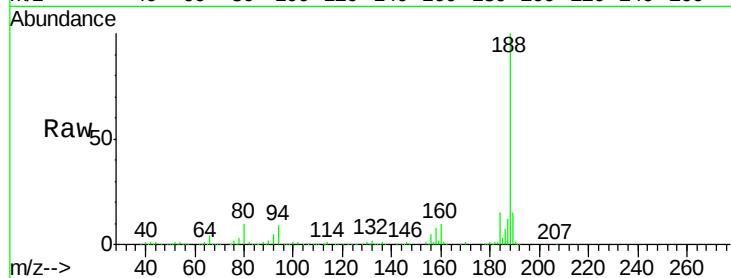




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.47 min Scan# 2414
Delta R.T. -0.01 min
Lab File: BG037844.D
Acq: 6 Nov 2018 18:44

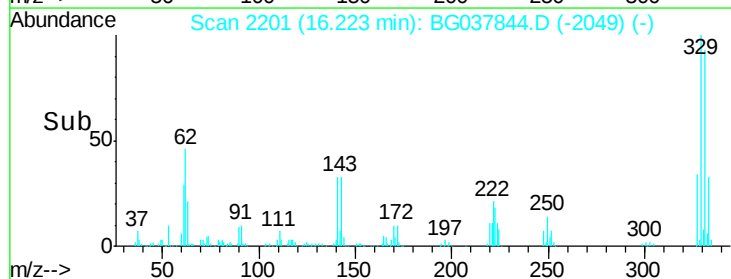
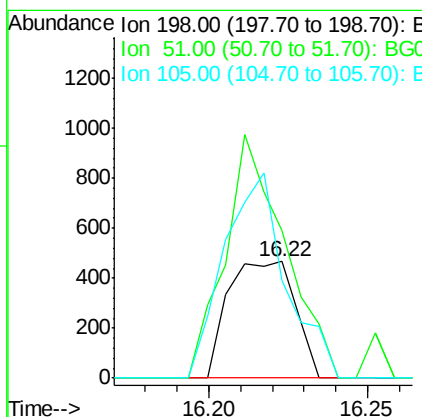
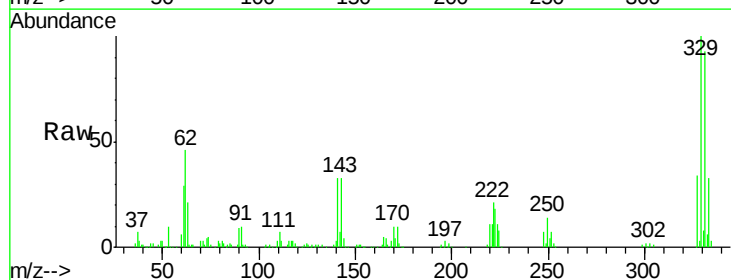
Instrument :
BNA_G
ClientSampled :

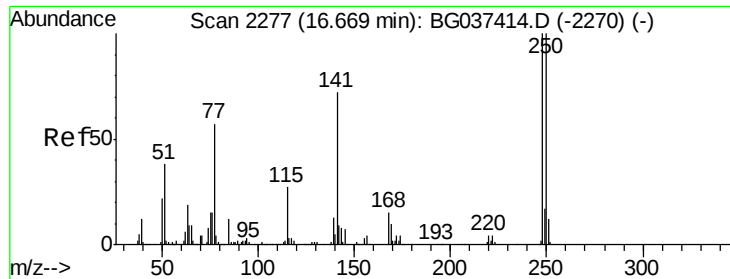
Tot Ion:188 Resp: 347496
Ion Ratio Lower Upper
188 100
94 8.7 7.2 10.8
80 9.9 7.7 11.5



#65
4,6-Dinitro-2-methylphenol
Concen: 8.81 ng
RT: 16.22 min Scan# 2201
Delta R.T. 0.37 min
Lab File: BG037844.D
Acq: 6 Nov 2018 18:44

Tgt Ion:198 Resp: 679
Ion Ratio Lower Upper
198 100
51 23.9 22.7 62.7
105 15.9 19.7 59.7#

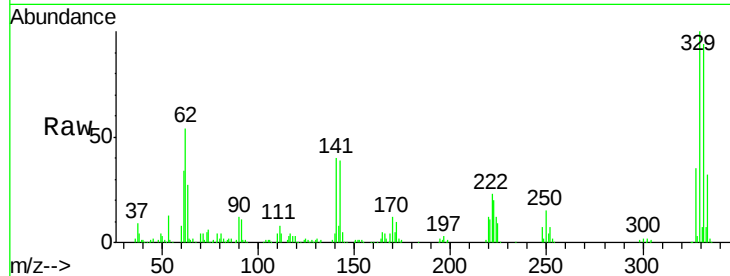




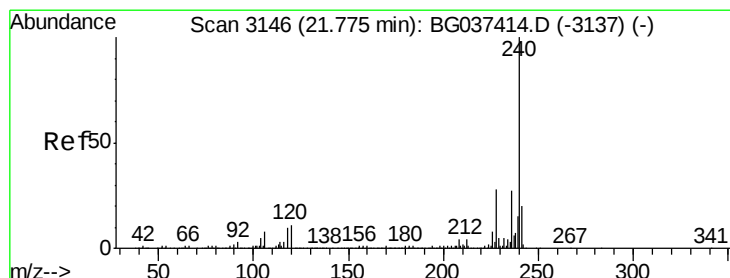
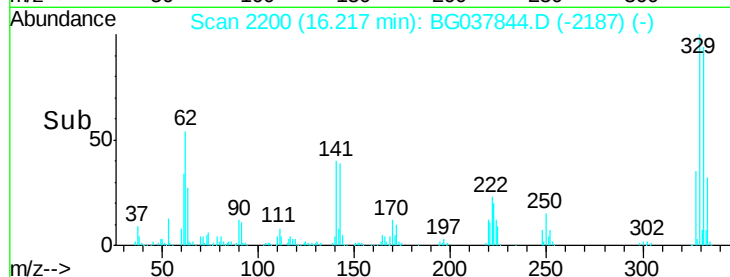
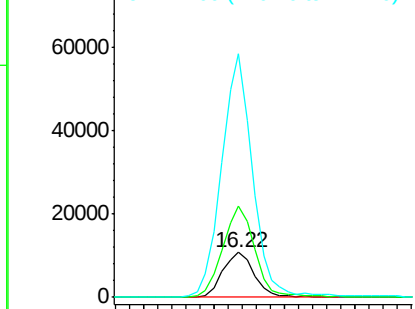
#67
4-Bromophenyl-phenylether
Concen: 4.40 ng
RT: 16.22 min Scan# 2200
Delta R.T. -0.45 min
Lab File: BG037844.D
Acq: 6 Nov 2018 18:44

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 16804
Ion Ratio Lower Upper
248 100
250 199.5 77.0 115.6#
141 415.1 55.5 83.3#

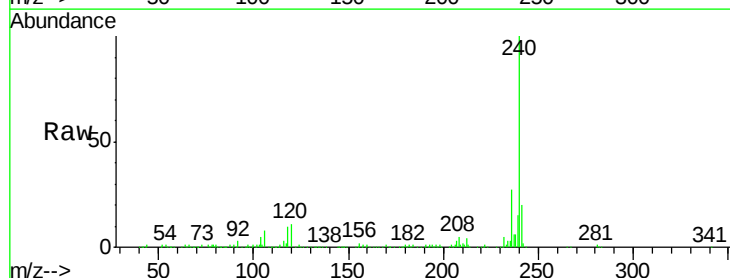


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

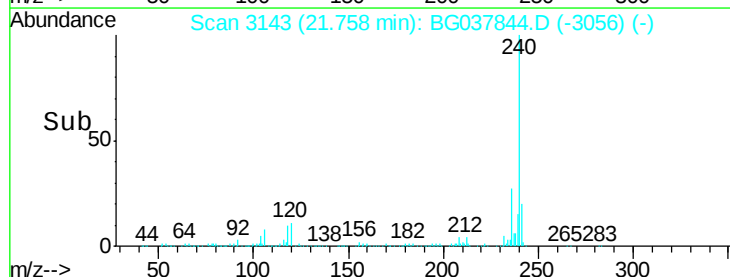
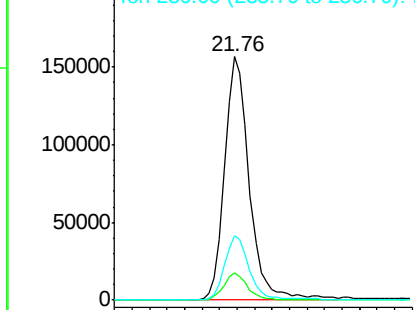


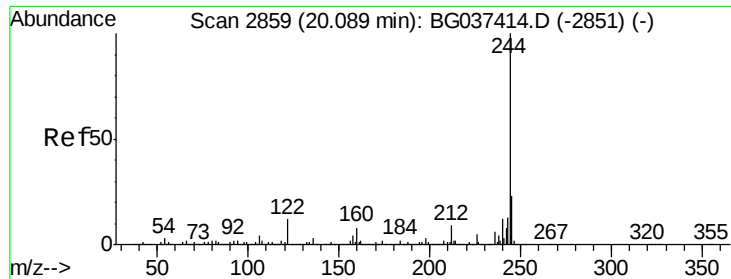
#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.76 min Scan# 3143
Delta R.T. -0.02 min
Lab File: BG037844.D
Acq: 6 Nov 2018 18:44

Tgt Ion:240 Resp: 305310
Ion Ratio Lower Upper
240 100
120 11.4 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: 91.97 ng

RT: 20.08 min Scan# 2857

Delta R.T. -0.01 min

Lab File: BG037844.D

Acq: 6 Nov 2018 18:44

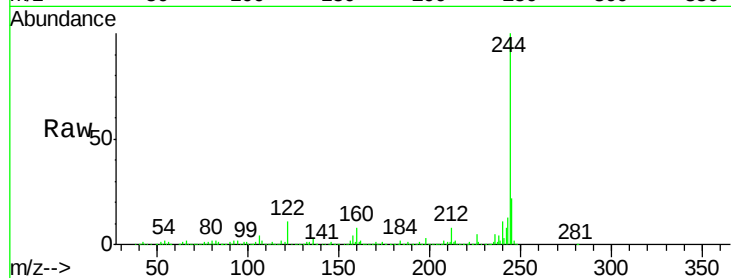
Instrument :

BNA_G

ClientSampleId :

Tot Ion:244 Resp: 1314071

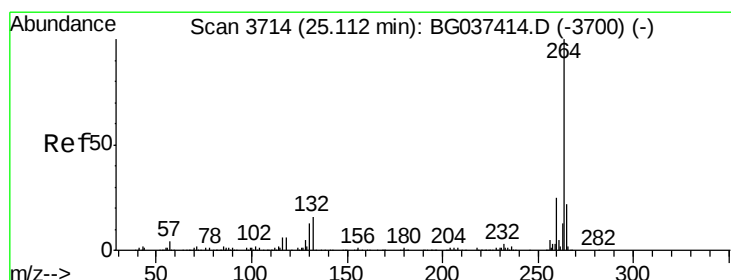
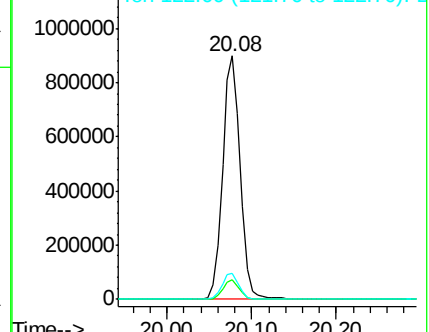
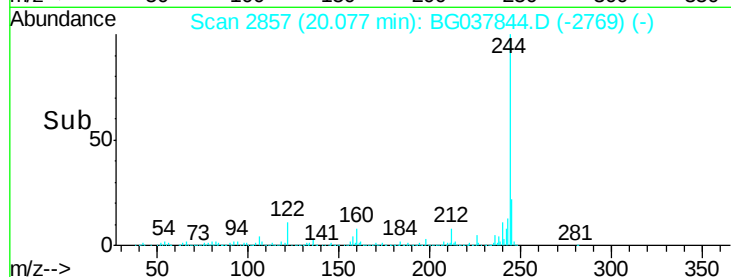
Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.5	9.7
122	10.8	9.0	13.4



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

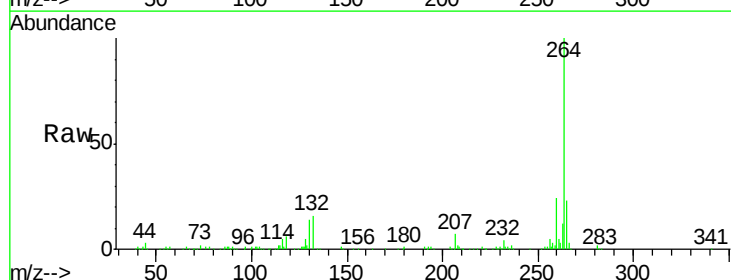
Delta R.T. -0.02 min

Lab File: BG037844.D

Acq: 6 Nov 2018 18:44

Tgt Ion:264 Resp: 270969

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.2	27.4
265	22.5	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

