

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110618\
 Data File : BG037842.D
 Acq On : 6 Nov 2018 17:26
 Operator : JU/SJ
 Sample : J5819-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 07 08:20:38 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

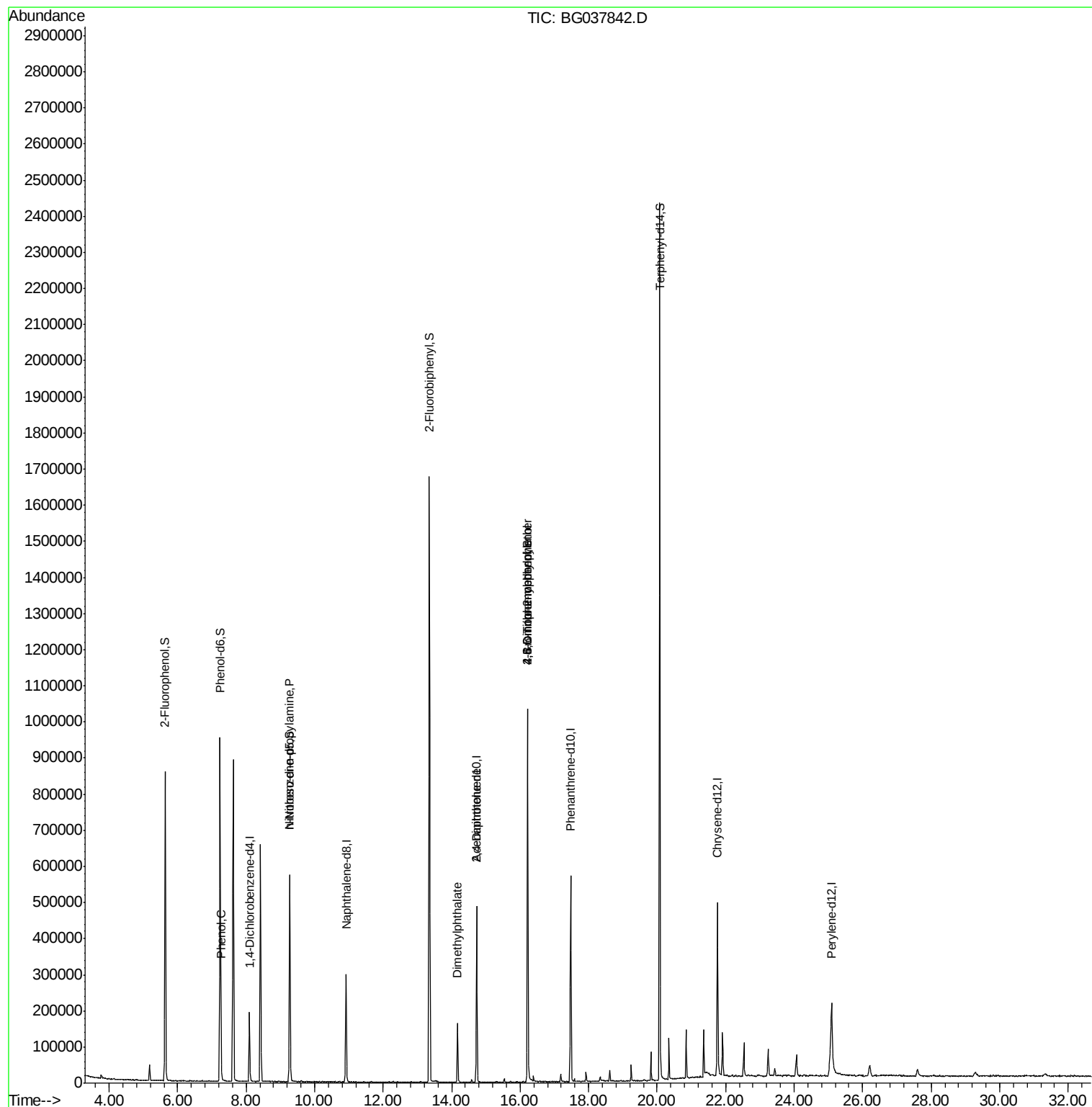
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	58294	20.00	ng	-0.01
21) Naphthalene-d8	10.92	136	267601	20.00	ng	-0.01
39) Acenaphthene-d10	14.73	164	175985	20.00	ng	-0.01
64) Phenanthrene-d10	17.47	188	374509	20.00	ng	-0.01
76) Chrysene-d12	21.76	240	333922	20.00	ng	-0.02
87) Perylene-d12	25.09	264	284608	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	405174	116.20	ng	-0.01
7) Phenol-d6	7.24	99	611731	116.02	ng	-0.01
23) Nitrobenzene-d5	9.27	82	368253	77.09	ng	-0.01
42) 2,4,6-Tribromophenol	16.22	330	198233	103.28	ng	-0.01
45) 2-Fluorobiphenyl	13.35	172	923323	79.12	ng	-0.02
79) Terphenyl-d14	20.08	244	1234934	79.02	ng	-0.01
Target Compounds						
10) Phenol	7.27	94	45863	8.24	ng	Qvalue 99
19) n-Nitroso-di-n-propylamine	9.27	70	46132	12.71	ng	# 72
50) Dimethylphthalate	14.17	163	121670	8.94	ng	100
57) 2,4-Dinitrotoluene	14.73	165	22817	5.77	ng	# 25
65) 4,6-Dinitro-2-methylphenol	16.21	198	319	8.64	ng	# 1
67) 4-Bromophenyl-phenylether	16.22	248	14244	3.46	ng	# 1

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

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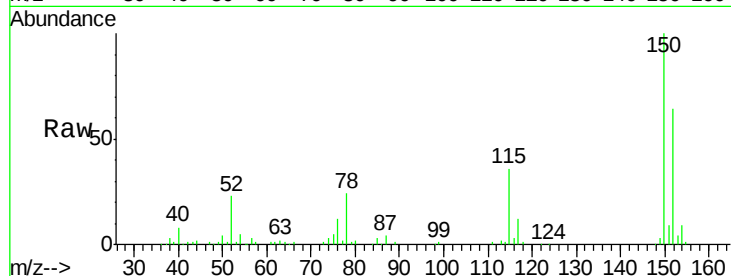


#1

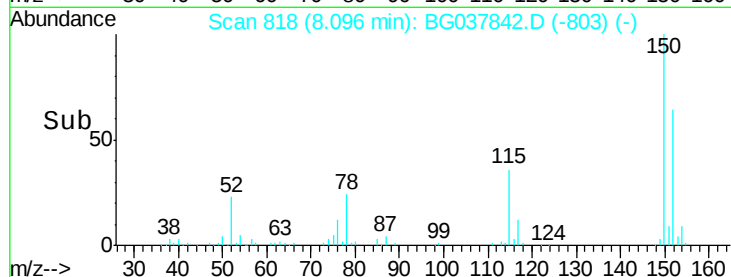
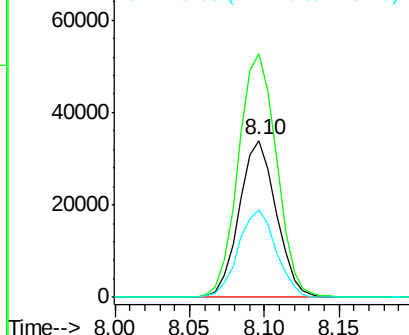
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.10 min Scan# 818
Delta R.T. -0.01 min
Lab File: BG037842.D
Acq: 6 Nov 2018 17:26

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 58294
Ion Ratio Lower Upper
152 100
150 155.2 126.0 189.0
115 55.4 45.5 68.3



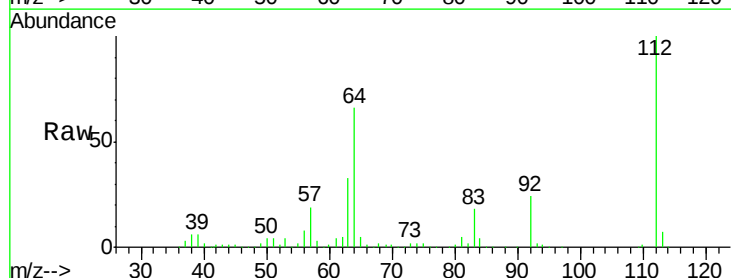
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



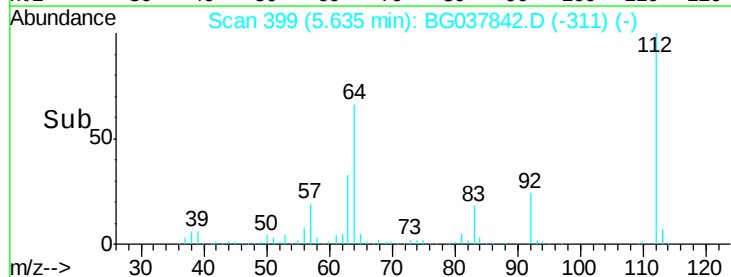
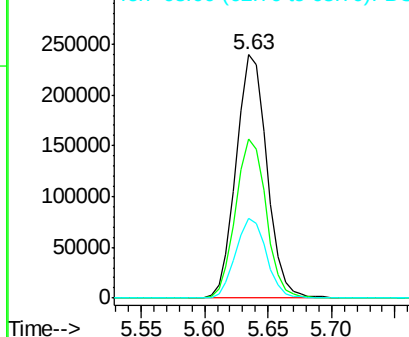
#5

2-Fluorophenol
Concen: 116.20 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.01 min
Lab File: BG037842.D
Acq: 6 Nov 2018 17:26

Tgt Ion:112 Resp: 405174
Ion Ratio Lower Upper
112 100
64 65.5 53.1 79.7
63 32.8 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: 116.02 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.01 min

Lab File: BG037842.D

Acq: 6 Nov 2018 17:26

Instrument :

BNA_G

ClientSampled :

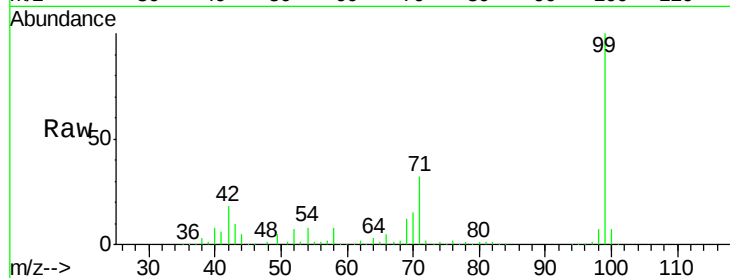
Tot Ion: 99 Resp: 611731

Ion Ratio Lower Upper

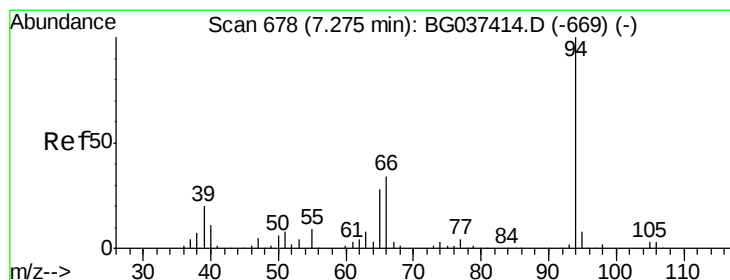
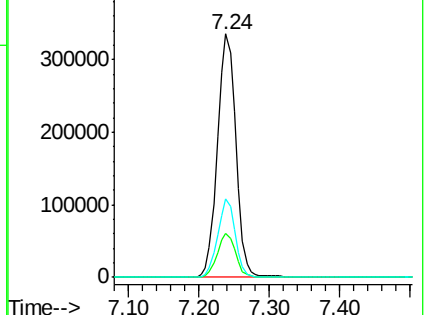
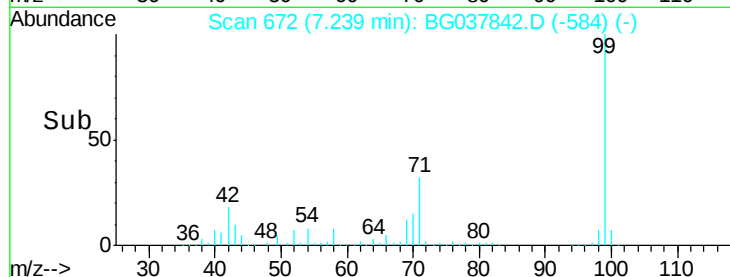
99 100

42 18.3 15.0 22.4

71 32.3 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: 8.24 ng

RT: 7.27 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG037842.D

Acq: 6 Nov 2018 17:26

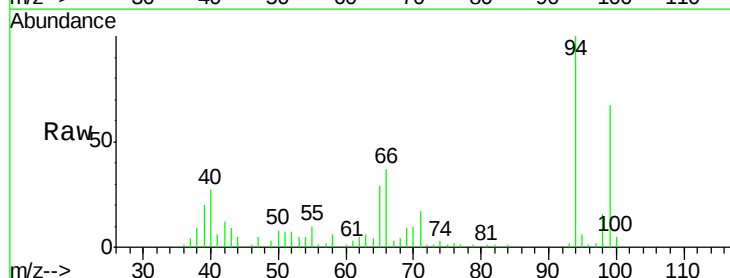
Tgt Ion: 94 Resp: 45863

Ion Ratio Lower Upper

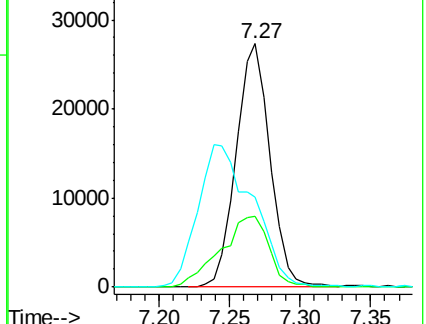
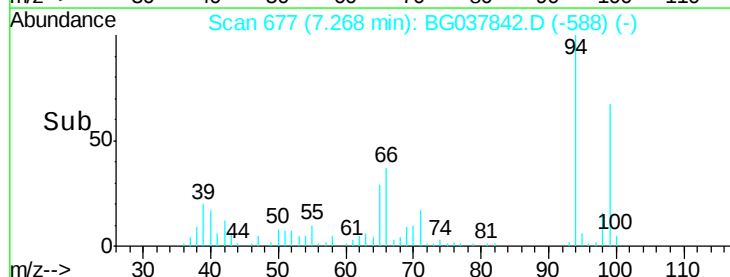
94 100

65 28.9 9.7 49.7

66 36.7 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

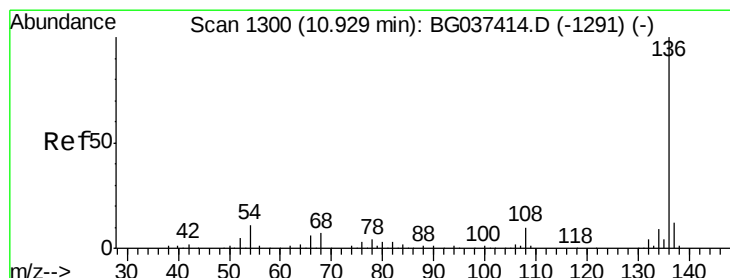
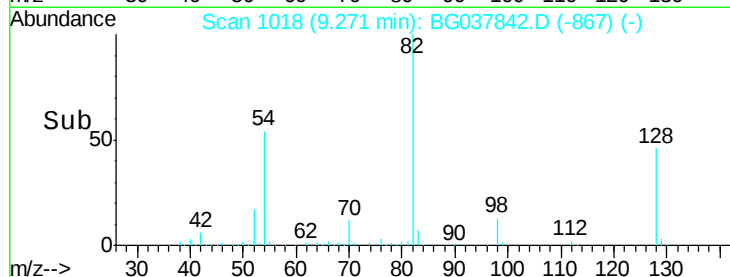
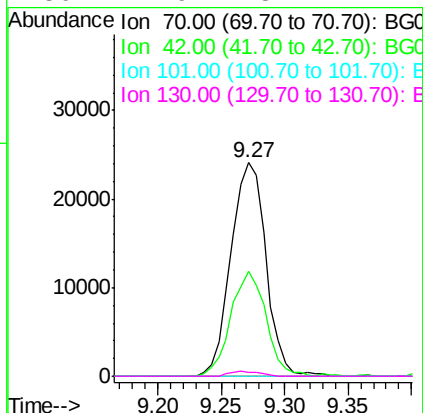
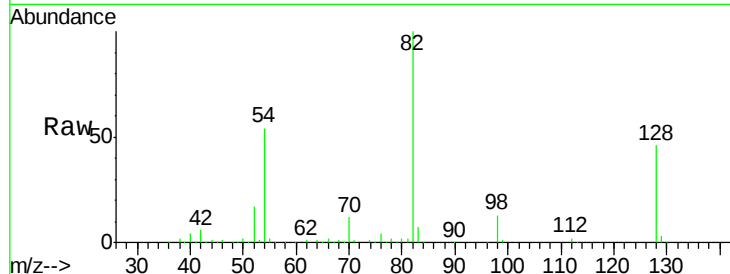




#19
n-Nitroso-di-n-propylamine
Concen: 12.71 ng
RT: 9.27 min Scan# 1018
Delta R.T. 0.36 min
Lab File: BG037842.D
Acq: 6 Nov 2018 17:26

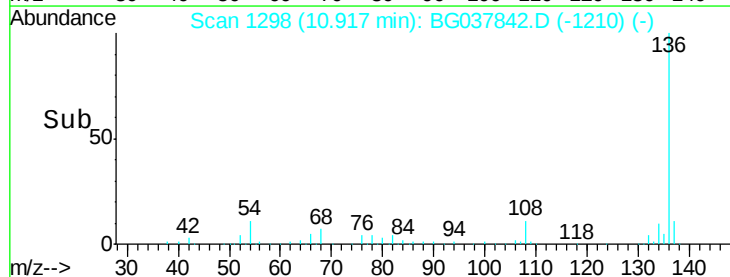
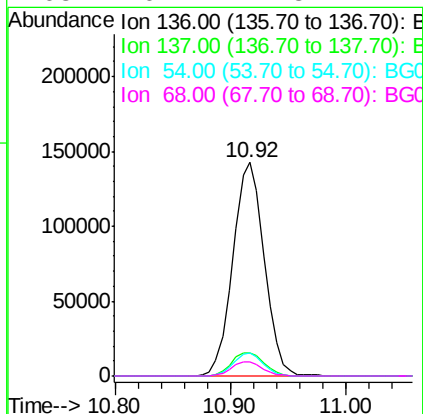
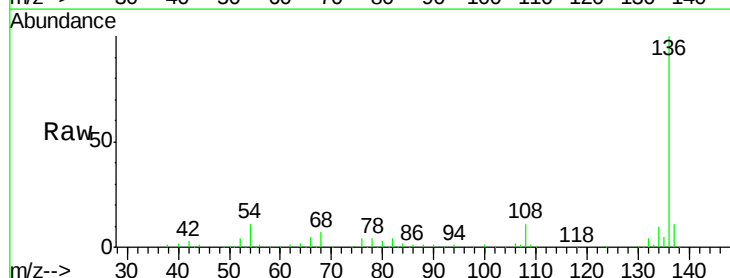
Instrument :
BNA_G
ClientSampleId :

Tot Ion: 70 Resp: 46132
Ion Ratio Lower Upper
70 100
42 48.9 53.9 80.9#
101 0.0 8.2 12.2#
130 1.9 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: BG037842.D
Acq: 6 Nov 2018 17:26

Tgt Ion: 136 Resp: 267601
Ion Ratio Lower Upper
136 100
137 11.1 9.6 14.4
54 11.0 7.9 11.9
68 6.7 4.8 7.2

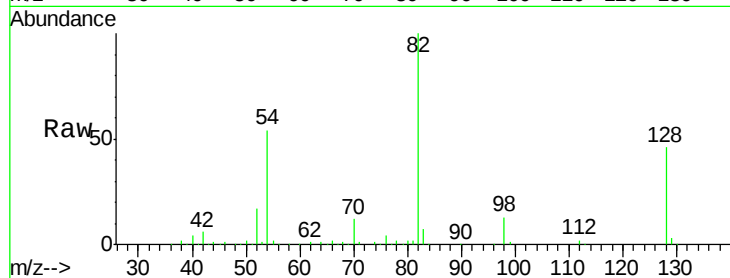




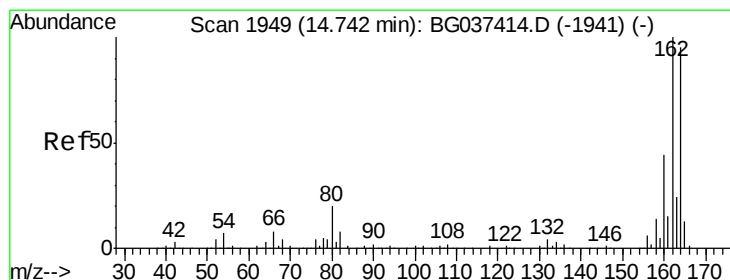
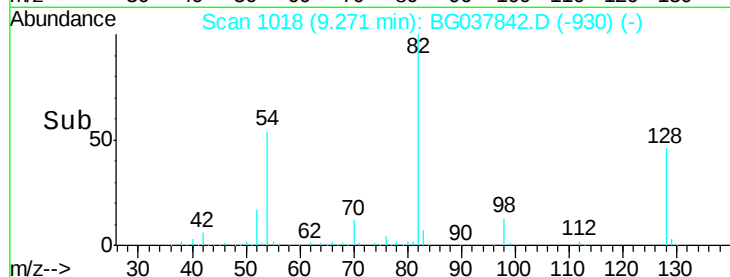
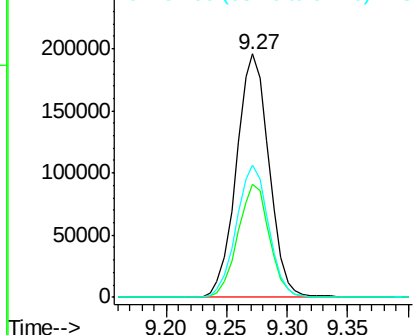
#23
 Nitrobenzene-d5
 Concen: 77.09 ng
 RT: 9.27 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: BG037842.D
 Acq: 6 Nov 2018 17:26

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	82	Resp	368253
Ion Ratio	100	Lower	Upper
128	46.2	34.6	51.8
54	54.2	45.3	67.9

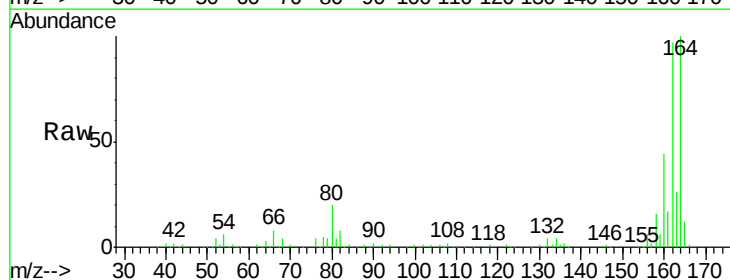


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

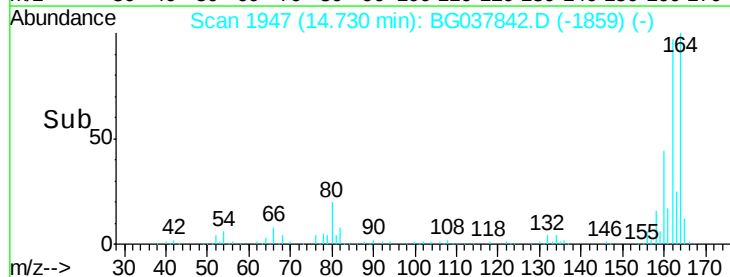
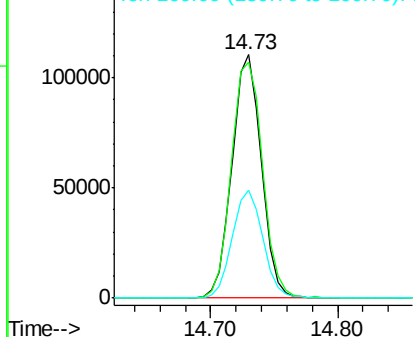


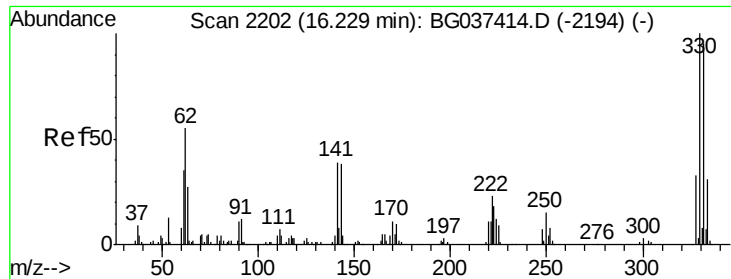
#39
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.73 min Scan# 1947
 Delta R.T. -0.01 min
 Lab File: BG037842.D
 Acq: 6 Nov 2018 17:26

Tgt Ion	164	Resp	175985
Ion Ratio	100	Lower	Upper
162	97.1	81.3	121.9
160	44.4	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

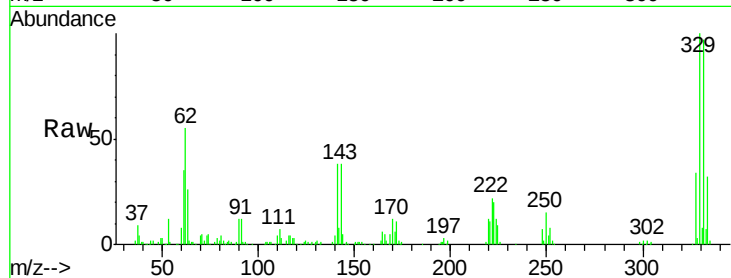




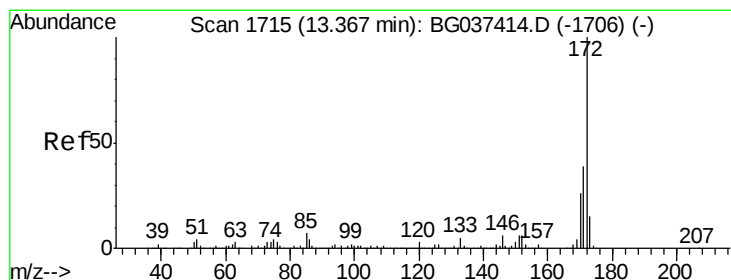
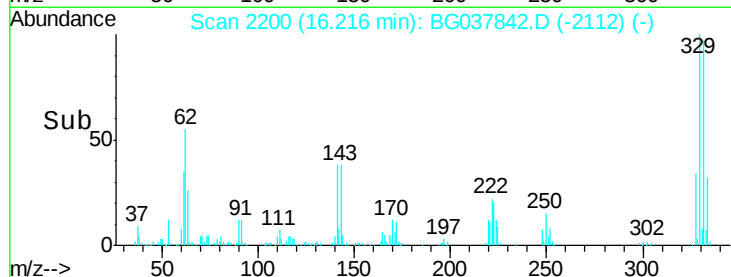
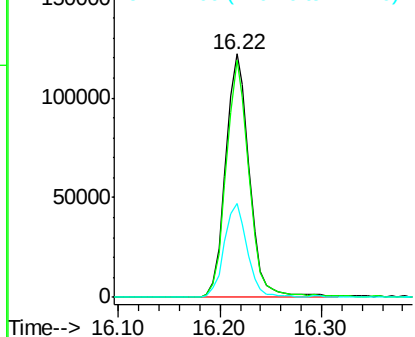
#42
 2,4,6-Tribromophenol
 Concen: 103.28 ng
 RT: 16.22 min Scan# 2200
 Delta R.T. -0.01 min
 Lab File: BG037842.D
 Acq: 6 Nov 2018 17:26

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.3	78.4	117.6
141	37.5	32.2	48.2

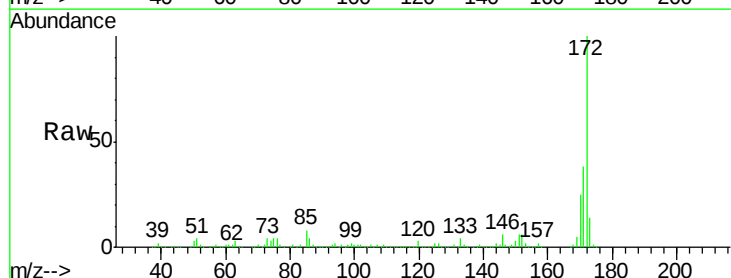


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

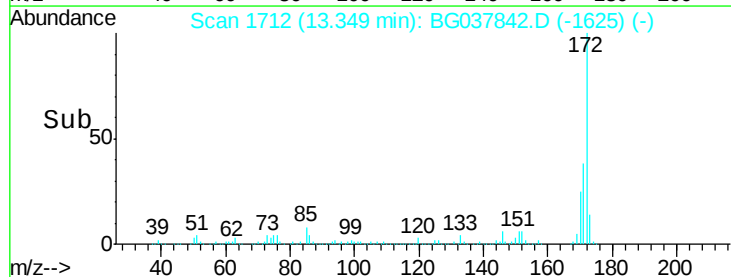
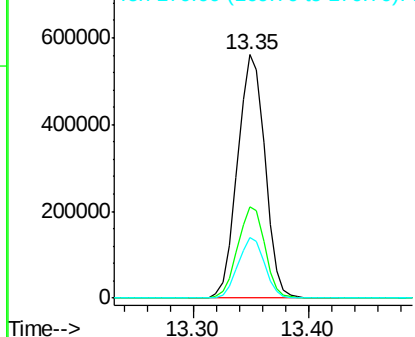


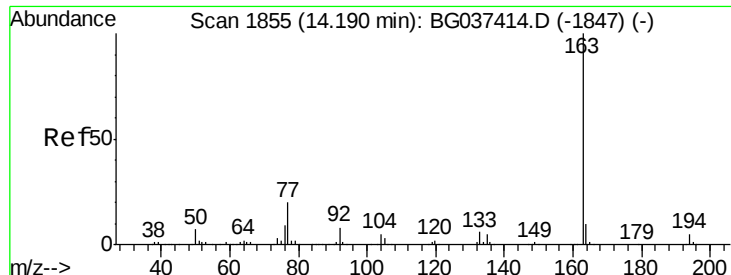
#45
 2-Fluorobiphenyl
 Concen: 79.12 ng
 RT: 13.35 min Scan# 1712
 Delta R.T. -0.02 min
 Lab File: BG037842.D
 Acq: 6 Nov 2018 17:26

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	31.0	46.4
170	25.0	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: 8.94 ng

RT: 14.17 min Scan# 1852

Delta R.T. -0.02 min

Lab File: BG037842.D

Acq: 6 Nov 2018 17:26

Instrument :

BNA_G

ClientSampled :

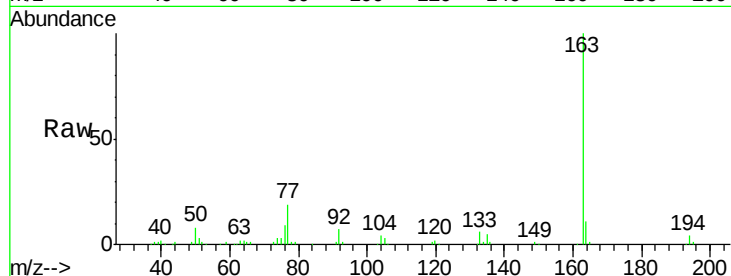
Tot Ion:163 Resp: 121670

Ion Ratio Lower Upper

163 100

194 4.3 3.5 5.3

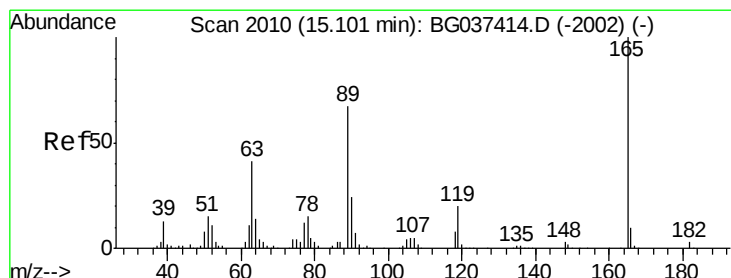
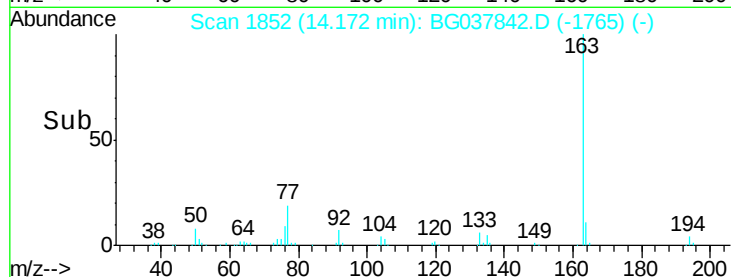
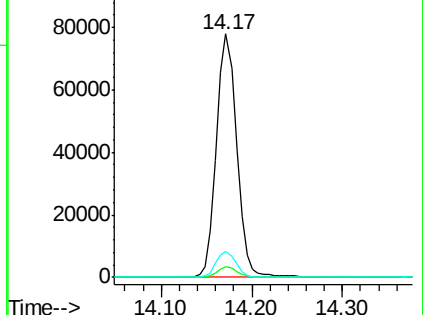
164 10.7 8.5 12.7



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: 5.77 ng

RT: 14.73 min Scan# 1947

Delta R.T. -0.37 min

Lab File: BG037842.D

Acq: 6 Nov 2018 17:26

Tgt Ion:165 Resp: 22817

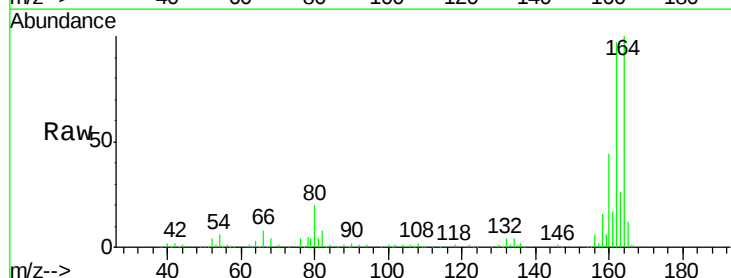
Ion Ratio Lower Upper

165 100

63 1.3 33.4 50.0#

89 2.1 57.2 85.8#

182 0.0 2.6 4.0#

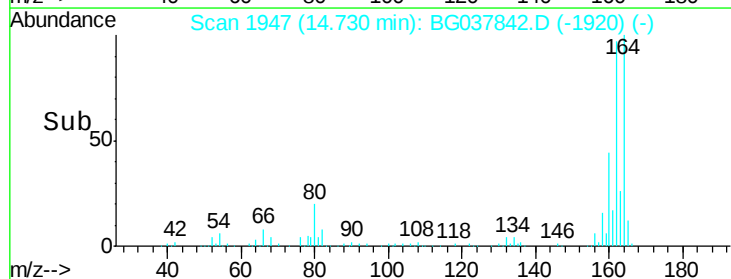
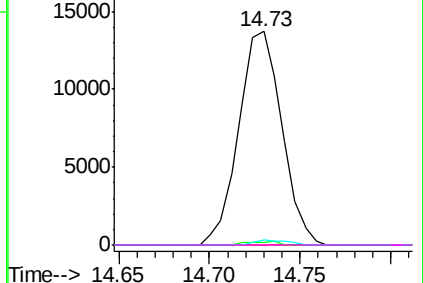


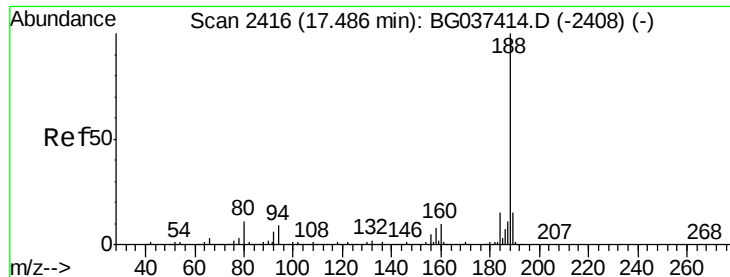
Abundance Ion 165.00 (164.70 to 165.70): E

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

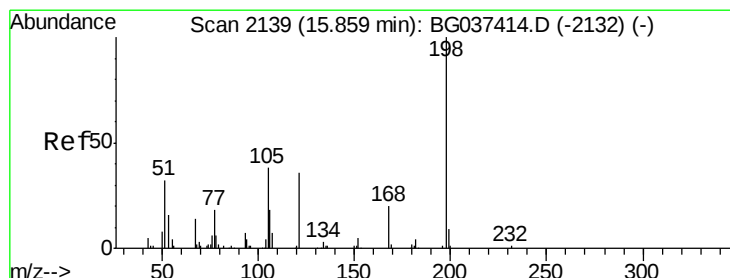
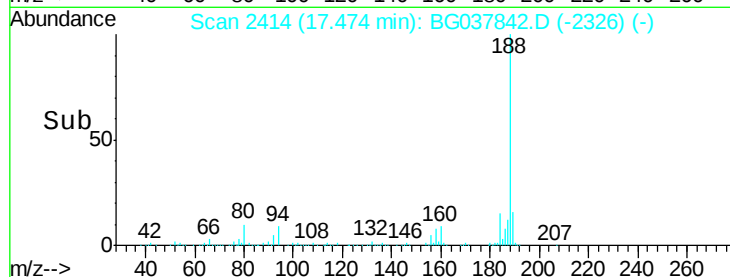
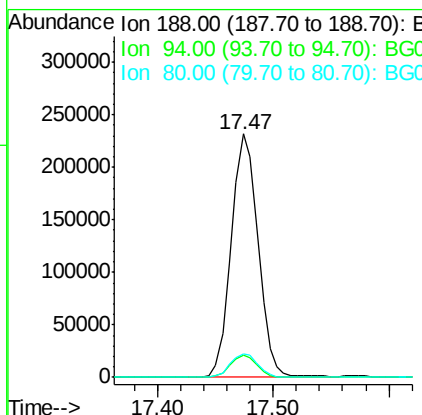
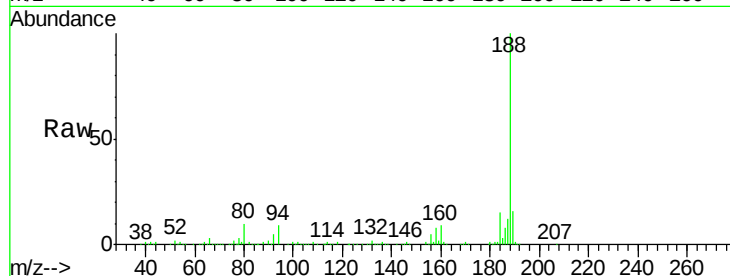




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.47 min Scan# 2414
Delta R.T. -0.01 min
Lab File: BG037842.D
Acq: 6 Nov 2018 17:26

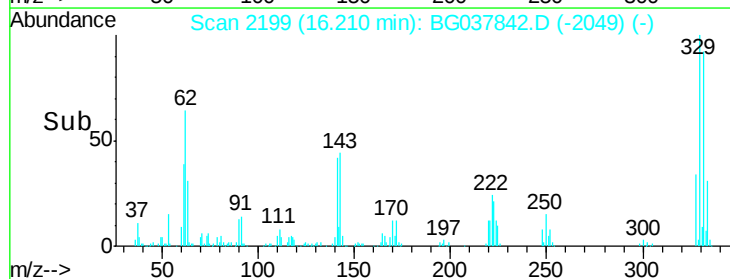
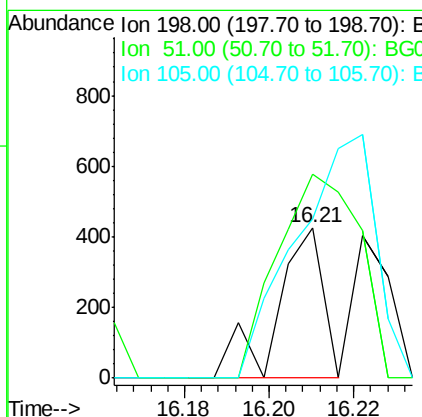
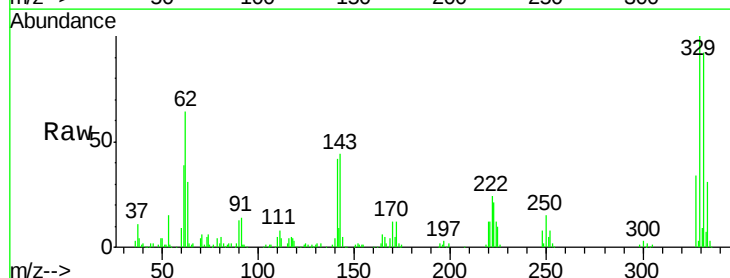
Instrument :
BNA_G
ClientSampleId :

Tot Ion:188 Resp: 374509
Ion Ratio Lower Upper
188 100
94 9.0 7.2 10.8
80 9.8 7.7 11.5



#65
4,6-Dinitro-2-methylphenol
Concen: 8.64 ng
RT: 16.21 min Scan# 2199
Delta R.T. 0.35 min
Lab File: BG037842.D
Acq: 6 Nov 2018 17:26

Tgt Ion:198 Resp: 319
Ion Ratio Lower Upper
198 100
51 135.4 22.7 62.7#
105 105.4 19.7 59.7#

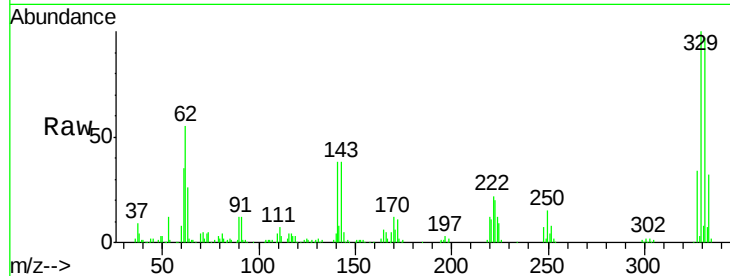




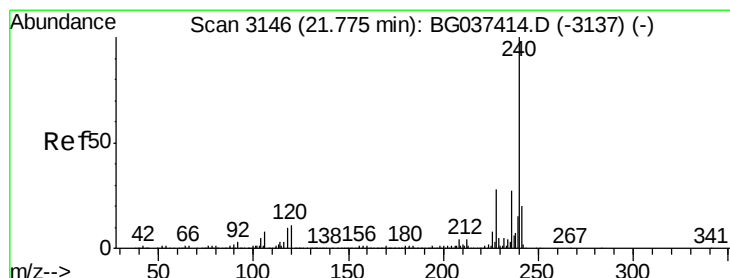
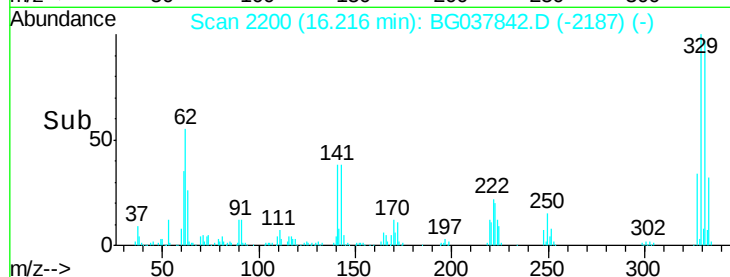
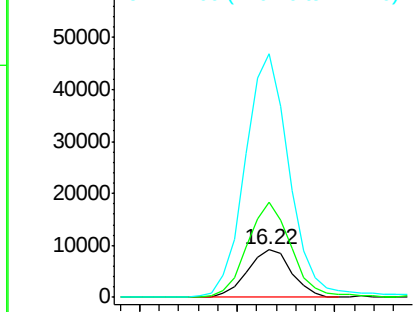
#67
4-Bromophenyl-phenylether
Concen: 3.46 ng
RT: 16.22 min Scan# 2200
Delta R.T. -0.45 min
Lab File: BG037842.D
Acq: 6 Nov 2018 17:26

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 14244
Ion Ratio Lower Upper
248 100
250 194.2 77.0 115.6#
141 389.4 55.5 83.3#

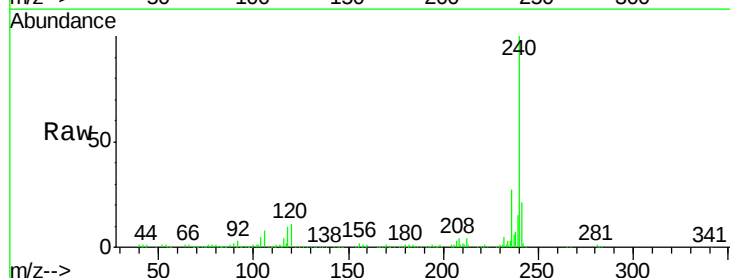


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

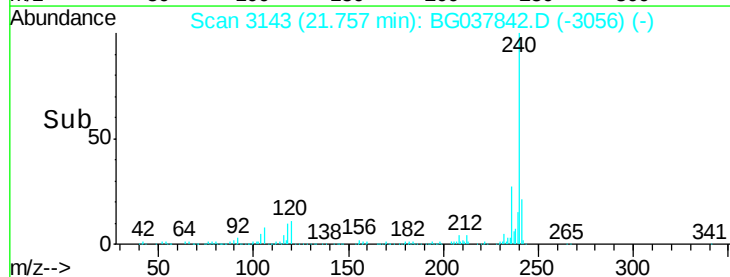
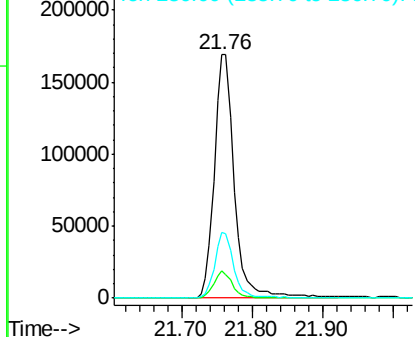


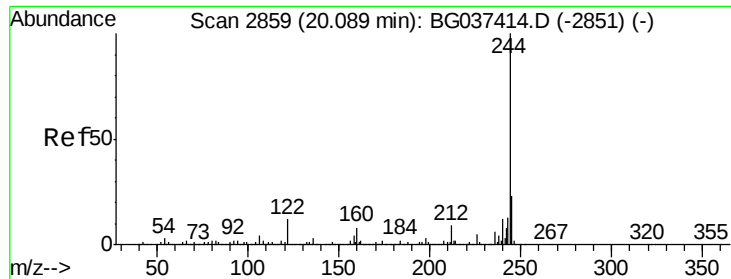
#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.76 min Scan# 3143
Delta R.T. -0.02 min
Lab File: BG037842.D
Acq: 6 Nov 2018 17:26

Tgt Ion:240 Resp: 333922
Ion Ratio Lower Upper
240 100
120 11.0 8.1 12.1
236 27.2 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: 79.02 ng

RT: 20.08 min Scan# 2857

Delta R.T. -0.01 min

Lab File: BG037842.D

Acq: 6 Nov 2018 17:26

Instrument :

BNA_G

ClientSampleId :

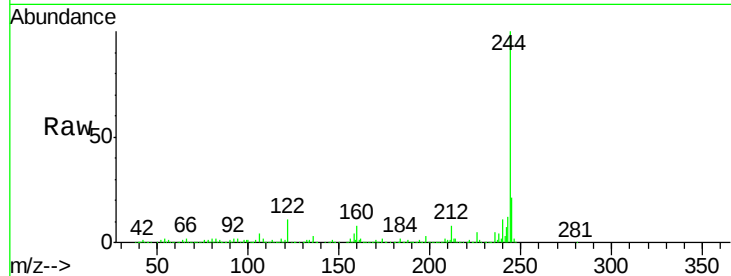
Tot Ion:244 Resp: 1234934

Ion Ratio Lower Upper

244 100

212 7.9 6.5 9.7

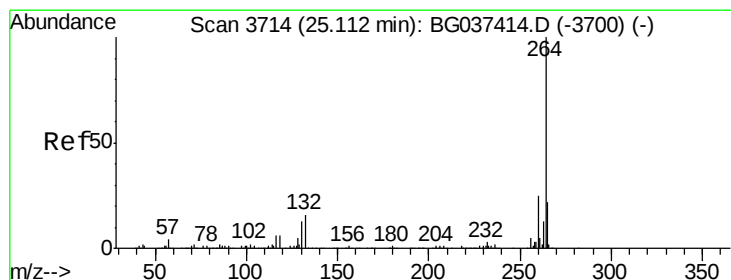
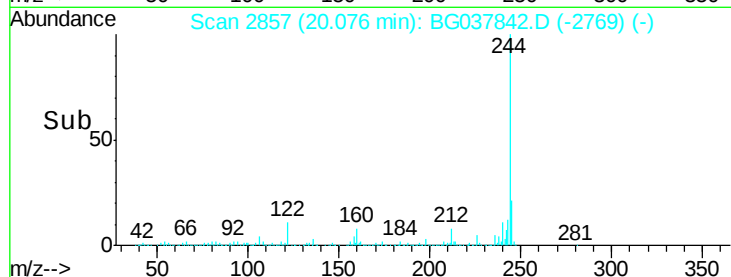
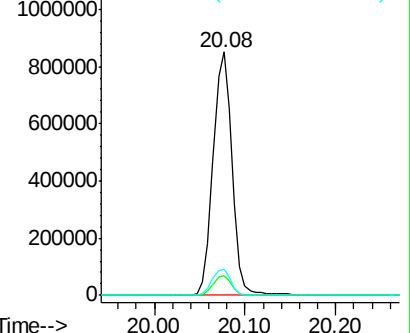
122 10.9 9.0 13.4



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# 3711

Delta R.T. -0.02 min

Lab File: BG037842.D

Acq: 6 Nov 2018 17:26

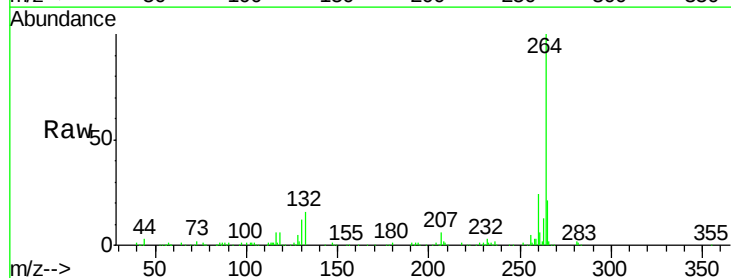
Tgt Ion:264 Resp: 284608

Ion Ratio Lower Upper

264 100

260 24.1 18.2 27.4

265 21.4 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

