

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110118\
 Data File : BG037722.D
 Acq On : 1 Nov 2018 17:13
 Operator : JU/SJ
 Sample : J5741-23
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 02 07:09:37 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

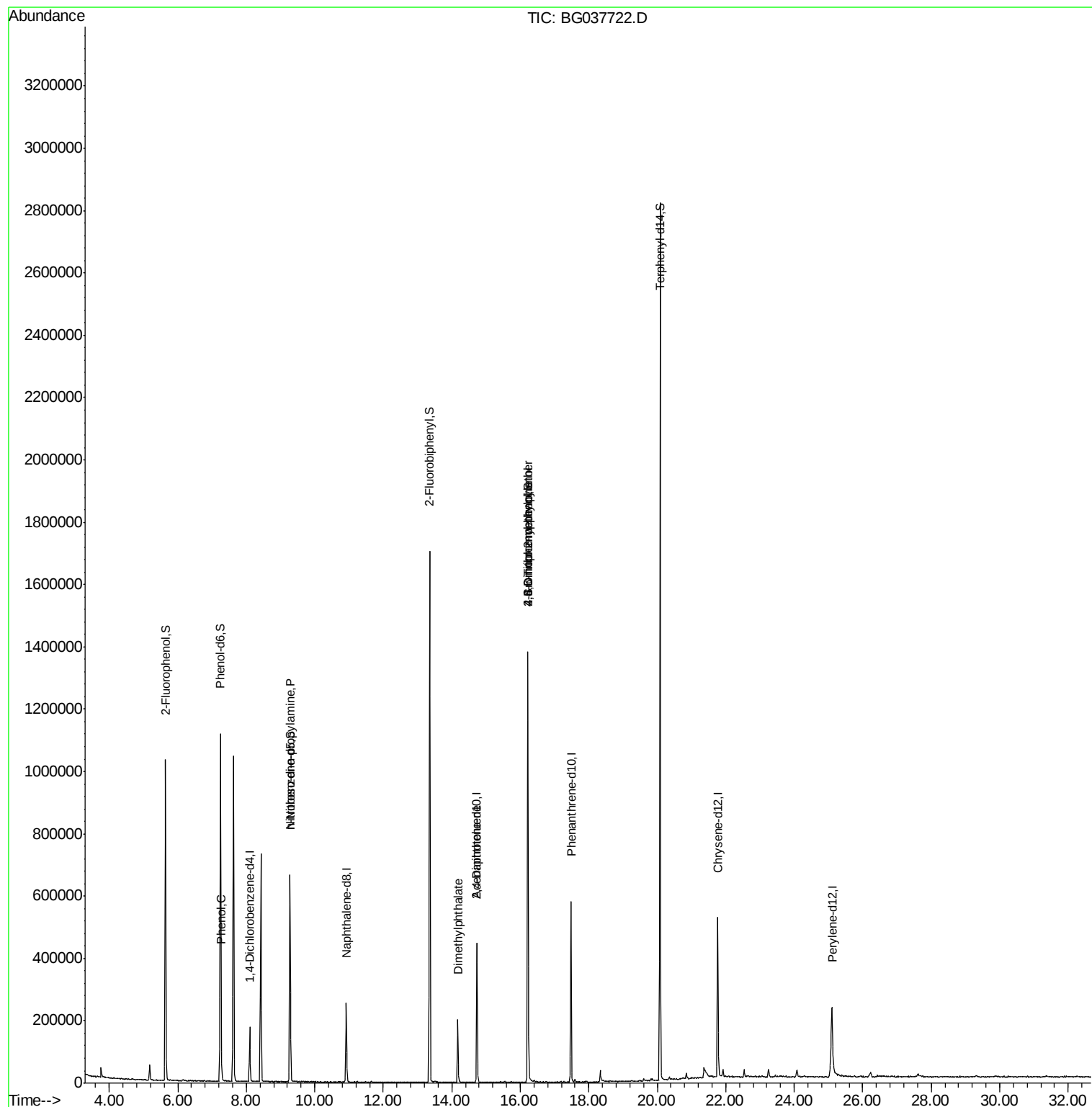
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	53708	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	239577	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	162143	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	385963	20.00	ng	0.00
76) Chrysene-d12	21.77	240	345616	20.00	ng	0.00
87) Perylene-d12	25.10	264	312654	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	485271	151.06	ng	0.00
7) Phenol-d6	7.24	99	725090	149.27	ng	0.00
23) Nitrobenzene-d5	9.27	82	431817	100.97	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	258330	146.07	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	938970	87.33	ng	0.00
79) Terphenyl-d14	20.08	244	1324847	81.91	ng	0.00
Target Compounds						
10) Phenol	7.27	94	43811	8.548	ng	92
19) n-Nitroso-di-n-propylamine	9.27	70	54572	16.314	ng	# 71
50) Dimethylphthalate	14.17	163	146668	11.693	ng	98
57) 2,4-Dinitrotoluene	14.73	165	20482	5.623	ng	# 24
65) 4,6-Dinitro-2-methylphenol	16.22	198	999	8.913	ng	72
67) 4-Bromophenyl-phenylether	16.22	248	19755	4.661	ng	# 1

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

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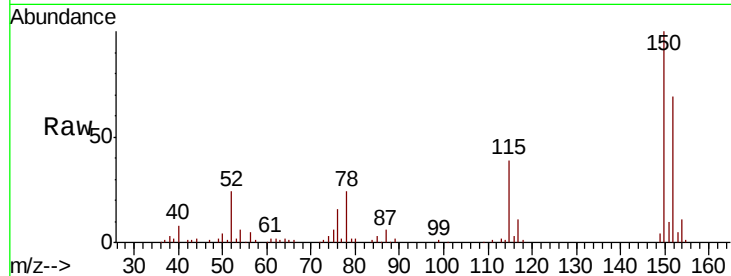


#1

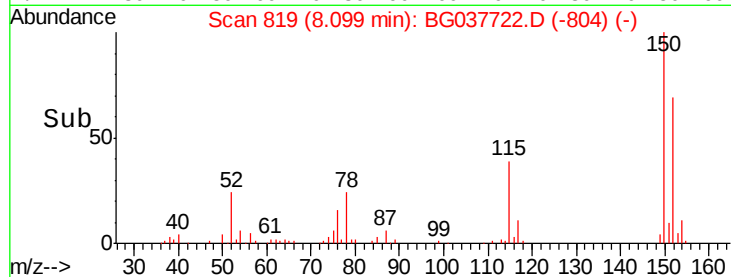
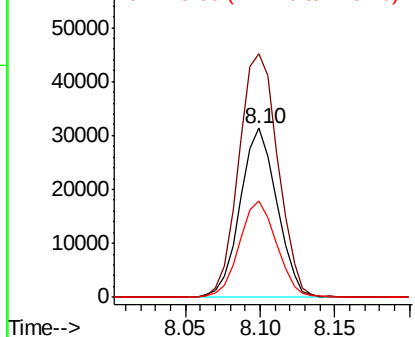
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037722.D
Acq: 1 Nov 2018 17:13

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 53708
Ion Ratio Lower Upper
152 100
150 144.1 126.0 189.0
115 56.9 45.5 68.3



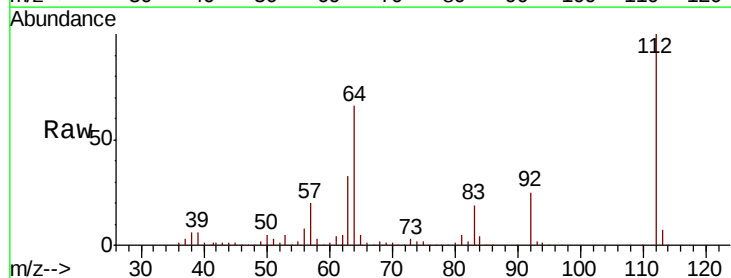
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



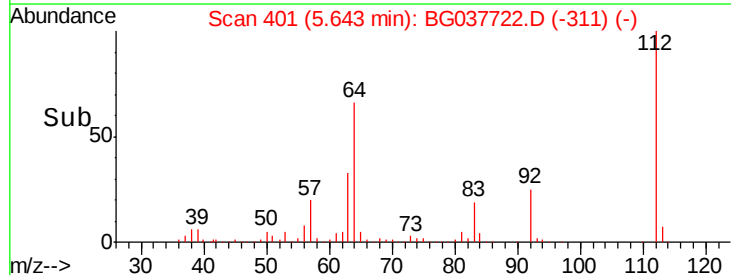
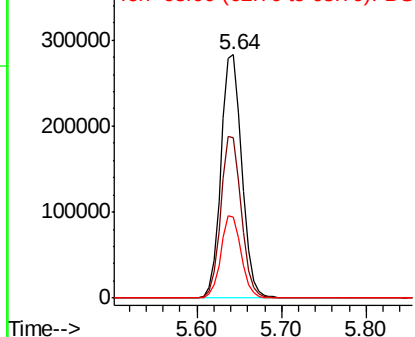
#5

2-Fluorophenol
Concen: 151.058 ng
RT: 5.64 min Scan# 401
Delta R.T. -0.00 min
Lab File: BG037722.D
Acq: 1 Nov 2018 17:13

Tgt Ion:112 Resp: 485271
Ion Ratio Lower Upper
112 100
64 65.7 53.1 79.7
63 33.2 27.3 40.9



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 149.267 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037722.D

Acq: 1 Nov 2018 17:13

Instrument :

BNA_G

ClientSampled :

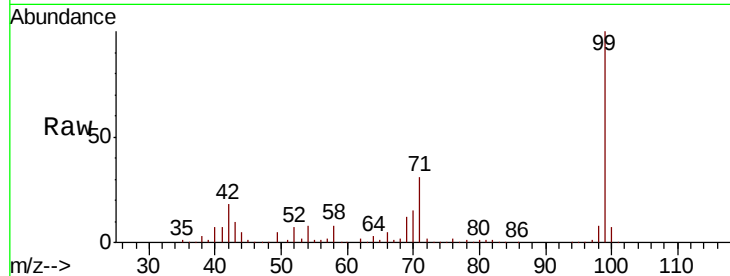
Tot Ion: 99 Resp: 725090

Ion Ratio Lower Upper

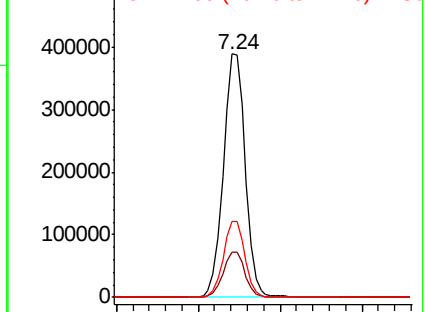
99 100

42 18.4 15.0 22.4

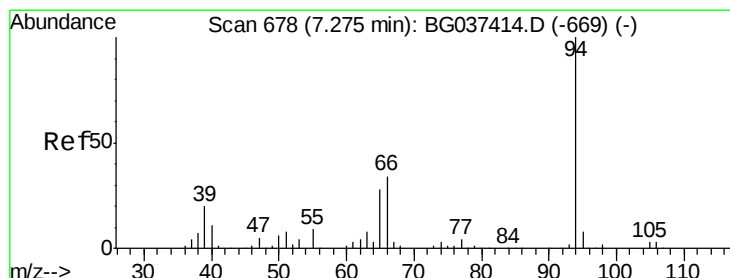
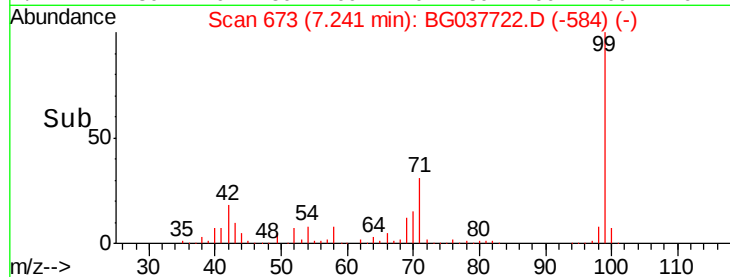
71 31.1 25.5 38.3



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



Time--> 7.10 7.20 7.30 7.40



#10

Phenol

Concen: 8.548 ng

RT: 7.27 min Scan# 678

Delta R.T. -0.00 min

Lab File: BG037722.D

Acq: 1 Nov 2018 17:13

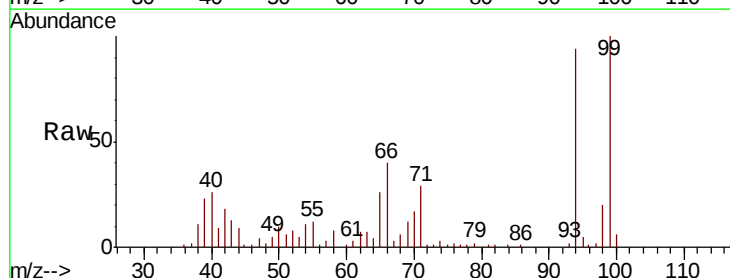
Tgt Ion: 94 Resp: 43811

Ion Ratio Lower Upper

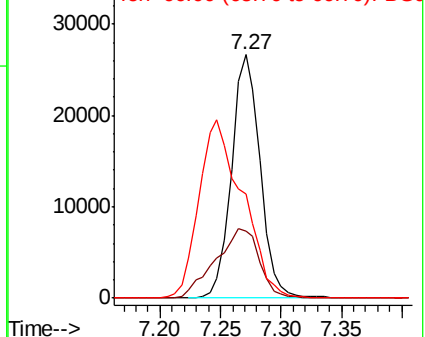
94 100

65 27.5 9.7 49.7

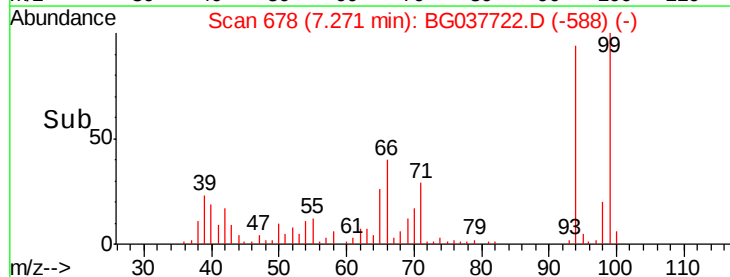
66 42.8 15.9 55.9



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



Time--> 7.20 7.25 7.30 7.35

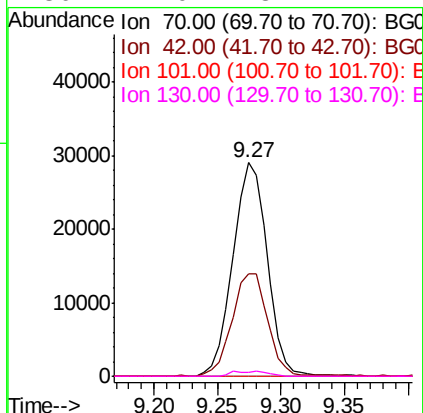
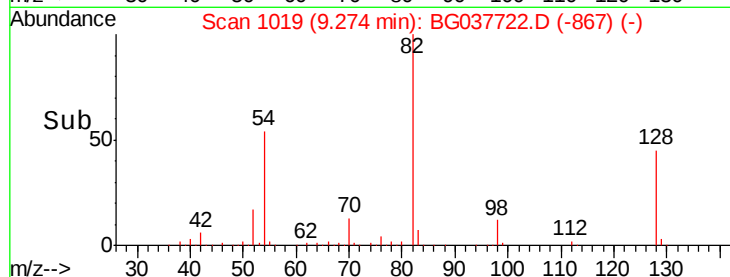
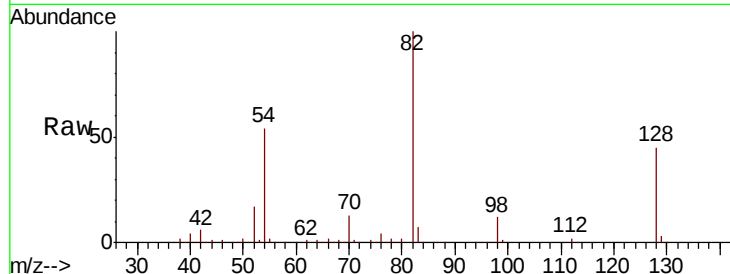




#19
n-Nitroso-di-n-propylamine
Concen: 16.314 ng
RT: 9.27 min Scan# 1019
Delta R.T. 0.36 min
Lab File: BG037722.D
Acq: 1 Nov 2018 17:13

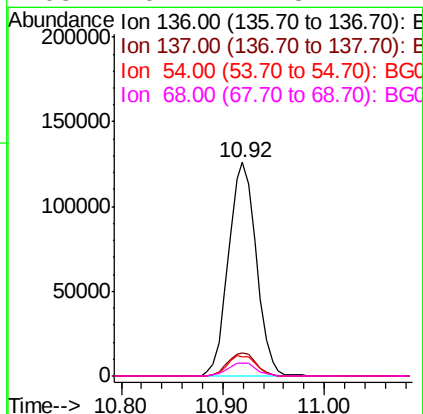
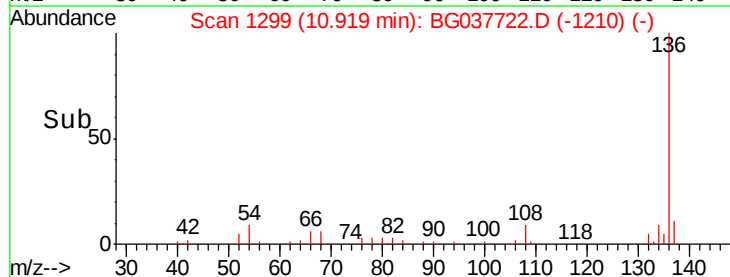
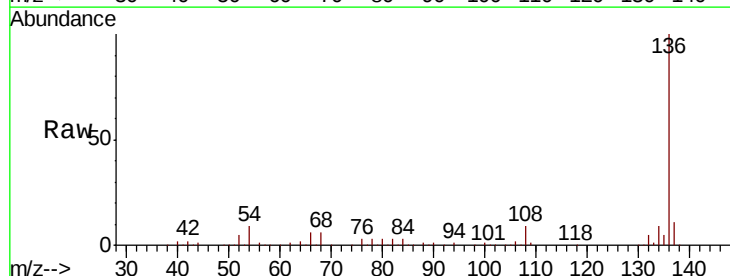
Instrument :
BNA_G
ClientSampleId :

Tot Ion: 70 Resp: 54572
Ion Ratio Lower Upper
70 100
42 47.8 53.9 80.9#
101 0.0 8.2 12.2#
130 2.0 18.2 27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG037722.D
Acq: 1 Nov 2018 17:13

Tgt Ion: 136 Resp: 239577
Ion Ratio Lower Upper
136 100
137 10.6 9.6 14.4
54 9.2 7.9 11.9
68 6.2 4.8 7.2

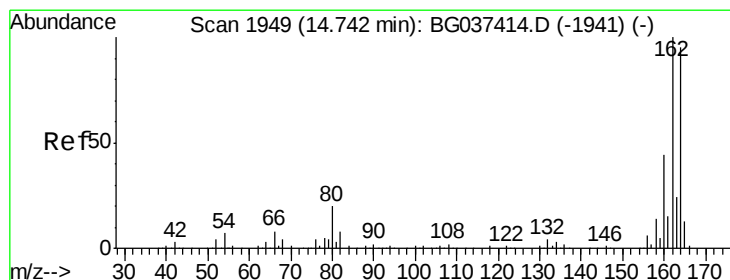
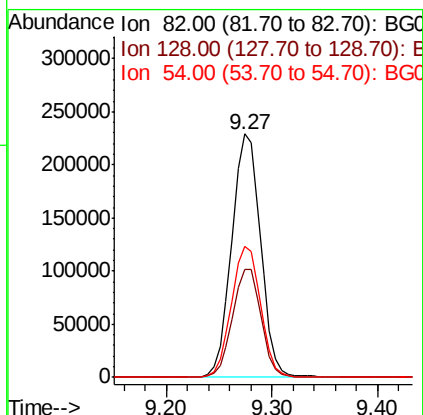
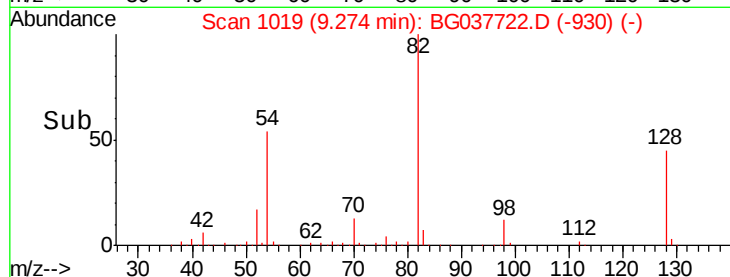
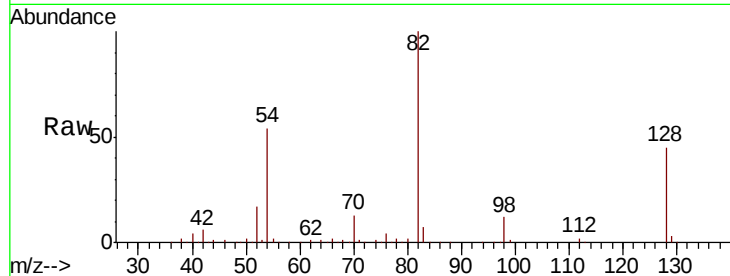




#23
 Nitrobenzene-d5
 Concen: 100.969 ng
 RT: 9.27 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: BG037722.D
 Acq: 1 Nov 2018 17:13

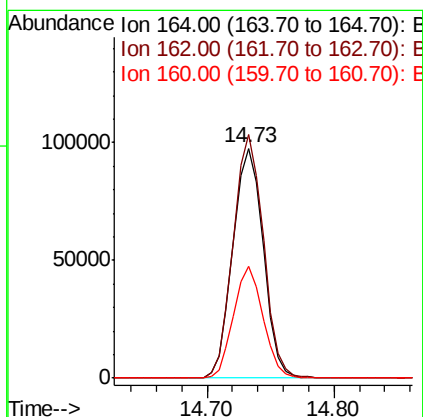
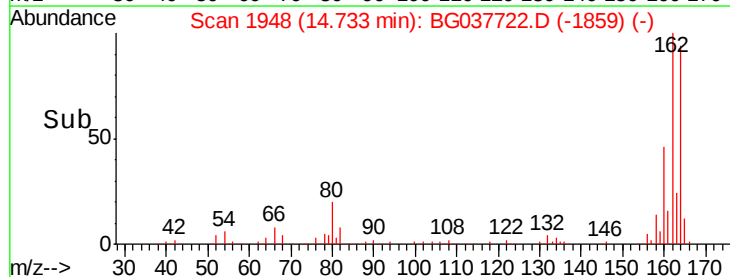
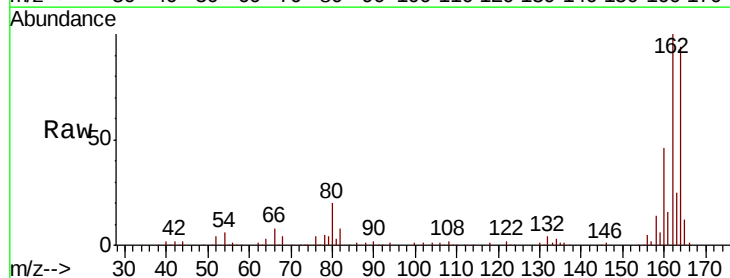
Instrument :
 BNA_G
 ClientSampled :

Tot Ion	82	Resp	431817
Ion Ratio	100	Lower	Upper
128	44.5	34.6	51.8
54	53.8	45.3	67.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.73 min Scan# 1948
 Delta R.T. -0.01 min
 Lab File: BG037722.D
 Acq: 1 Nov 2018 17:13

Tgt Ion	164	Resp	162143
Ion Ratio	100	Lower	Upper
162	105.8	81.3	121.9
160	48.8	36.3	54.5

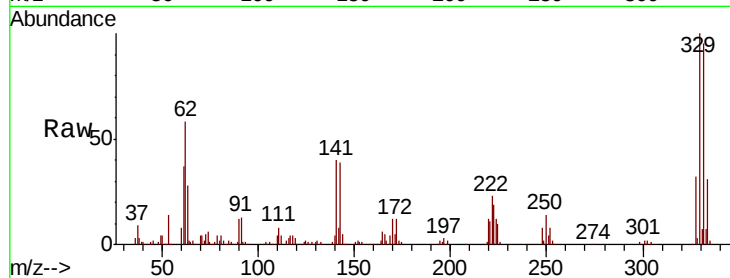




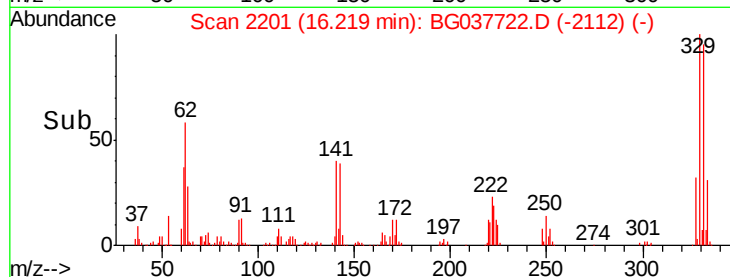
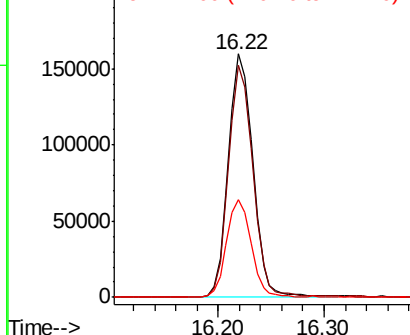
#42
 2,4,6-Tribromophenol
 Concen: 146.075 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. -0.01 min
 Lab File: BG037722.D
 Acq: 1 Nov 2018 17:13

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 258330
 Ion Ratio Lower Upper
 330 100
 332 95.2 78.4 117.6
 141 40.0 32.2 48.2

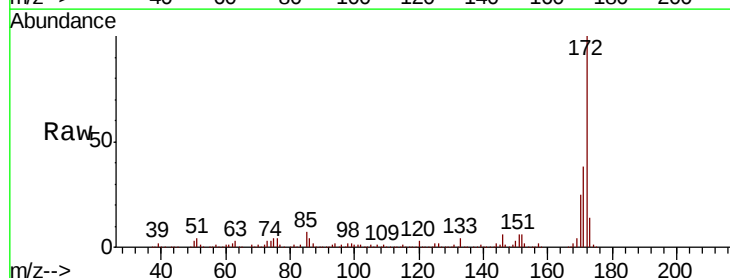


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

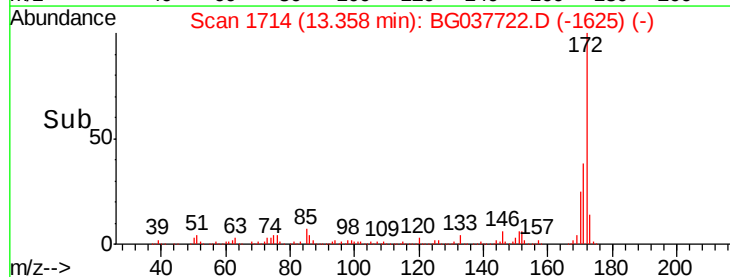
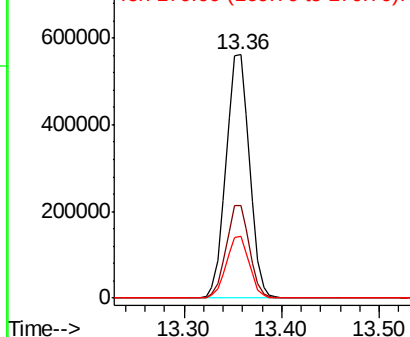


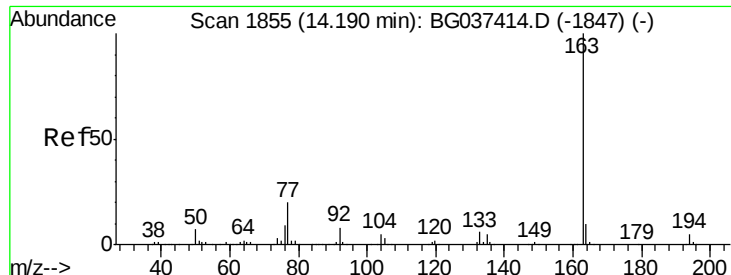
#45
 2-Fluorobiphenyl
 Concen: 87.325 ng
 RT: 13.36 min Scan# 1714
 Delta R.T. -0.01 min
 Lab File: BG037722.D
 Acq: 1 Nov 2018 17:13

Tgt Ion:172 Resp: 938970
 Ion Ratio Lower Upper
 172 100
 171 38.0 31.0 46.4
 170 25.3 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

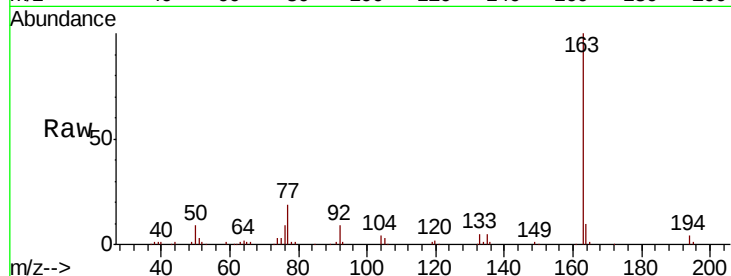




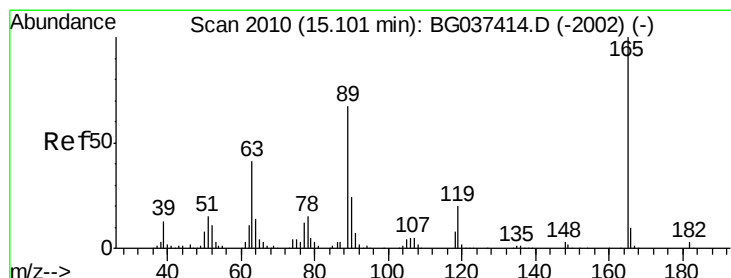
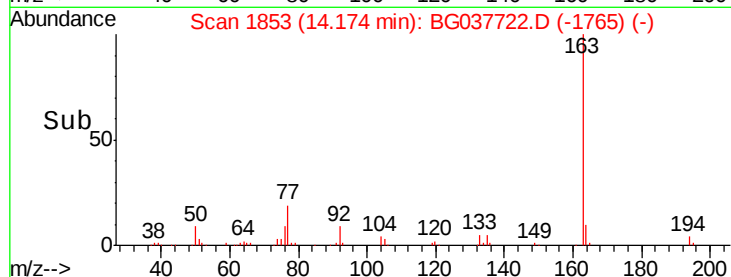
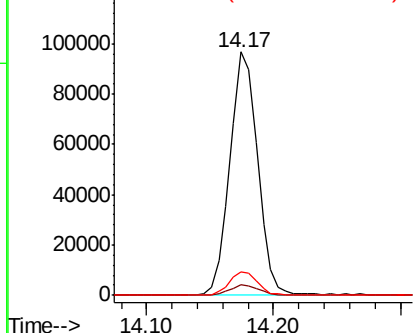
#50
Dimethylphthalate
Concen: 11.693 ng
RT: 14.17 min Scan# 1853
Delta R.T. -0.02 min
Lab File: BG037722.D
Acq: 1 Nov 2018 17:13

Instrument :
BNA_G
ClientSampleId :

Tot Ion:163 Resp: 146668
Ion Ratio Lower Upper
163 100
194 4.4 3.5 5.3
164 9.5 8.5 12.7

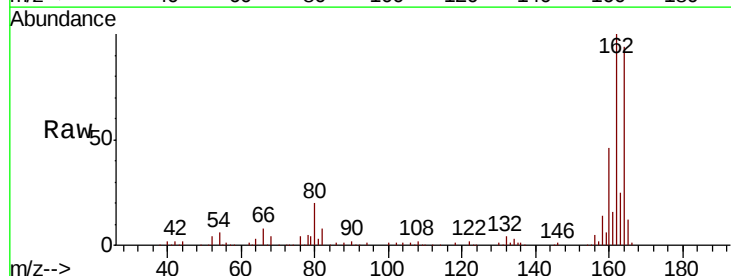


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

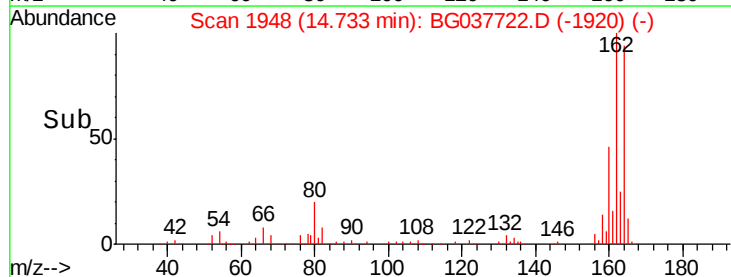
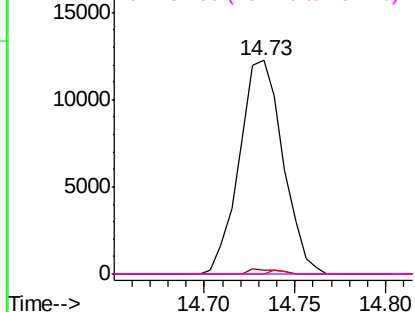


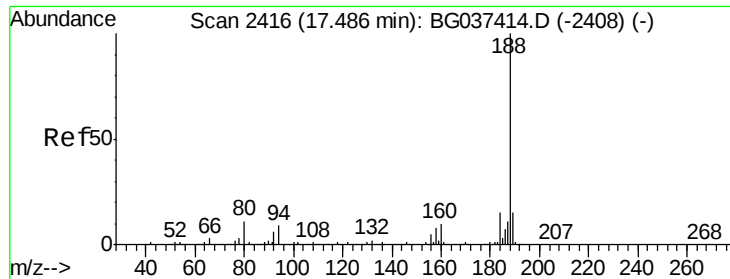
#57
2,4-Dinitrotoluene
Concen: 5.623 ng
RT: 14.73 min Scan# 1948
Delta R.T. -0.37 min
Lab File: BG037722.D
Acq: 1 Nov 2018 17:13

Tgt Ion:165 Resp: 20482
Ion Ratio Lower Upper
165 100
63 1.6 33.4 50.0#
89 0.0 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

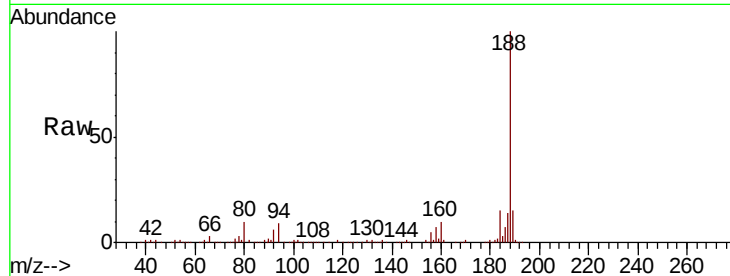




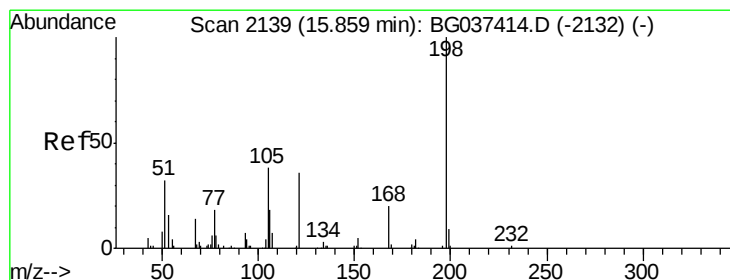
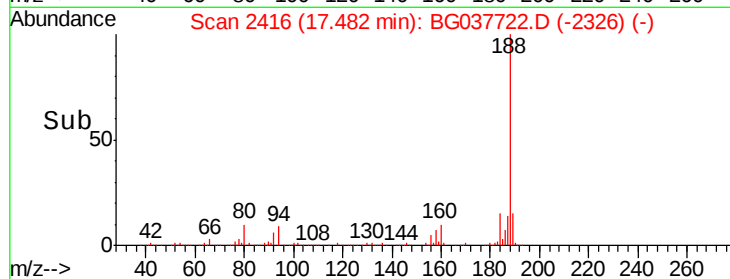
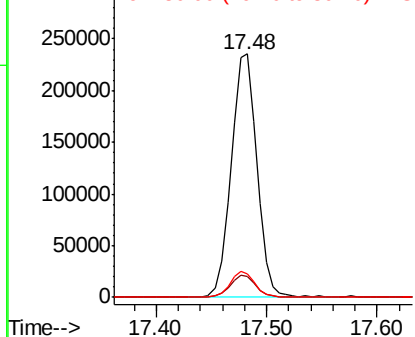
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2416
Delta R.T. -0.00 min
Lab File: BG037722.D
Acq: 1 Nov 2018 17:13

Instrument :
BNA_G
ClientSampleId :

Tot Ion:188 Resp: 385963
Ion Ratio Lower Upper
188 100
94 8.8 7.2 10.8
80 9.8 7.7 11.5

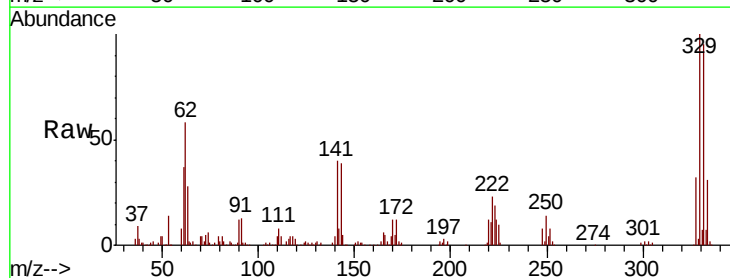


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

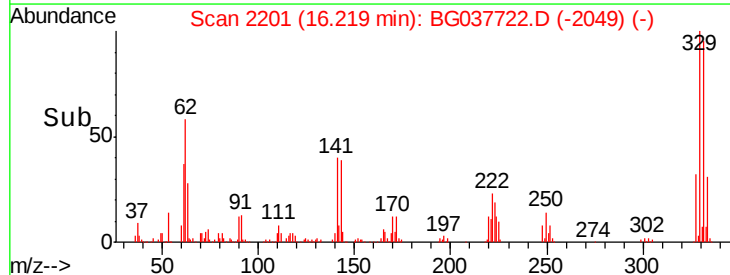
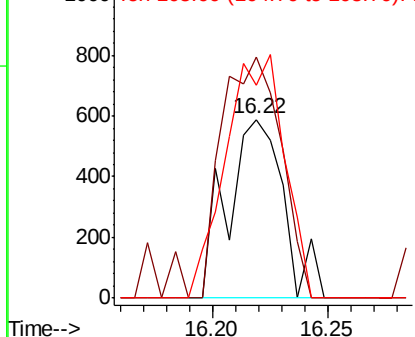


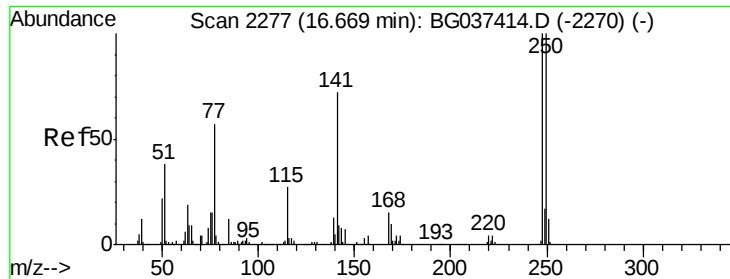
#65
4,6-Dinitro-2-methylphenol
Concen: 8.913 ng
RT: 16.22 min Scan# 2201
Delta R.T. 0.36 min
Lab File: BG037722.D
Acq: 1 Nov 2018 17:13

Tgt Ion:198 Resp: 999
Ion Ratio Lower Upper
198 100
51 24.8 22.7 62.7
105 21.9 19.7 59.7



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

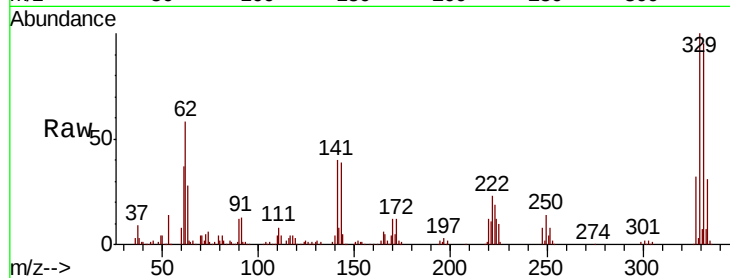




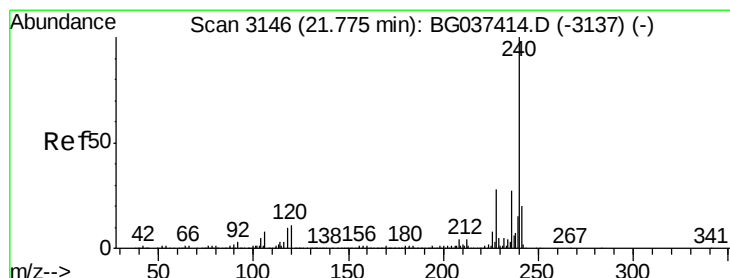
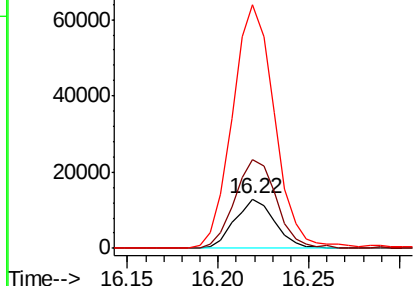
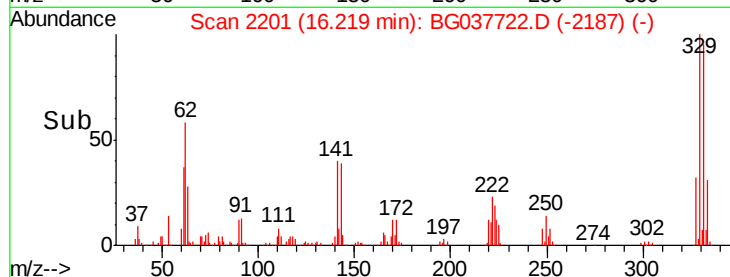
#67
 4-Bromophenyl-phenylether
 Concen: 4.661 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. -0.45 min
 Lab File: BG037722.D
 Acq: 1 Nov 2018 17:13

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 19755
 Ion Ratio Lower Upper
 248 100
 250 180.7 77.0 115.6#
 141 386.2 55.5 83.3#

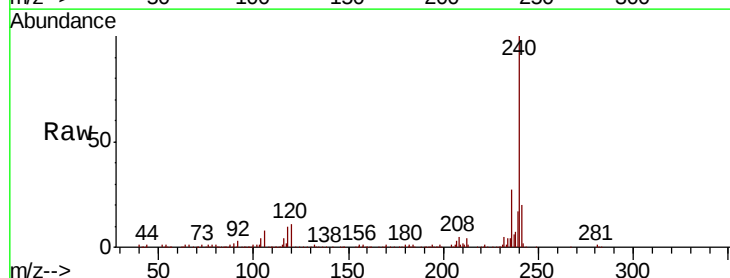


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

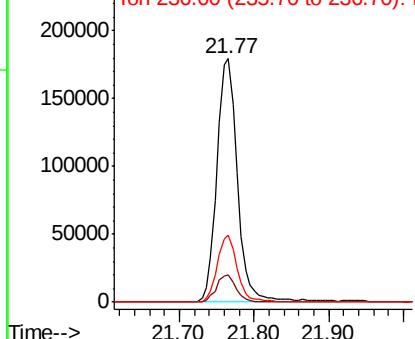
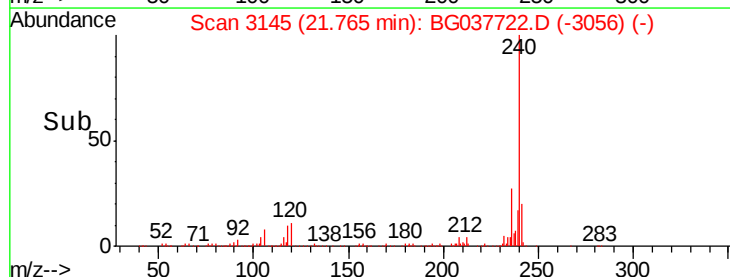


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.77 min Scan# 3145
 Delta R.T. -0.01 min
 Lab File: BG037722.D
 Acq: 1 Nov 2018 17:13

Tgt Ion:240 Resp: 345616
 Ion Ratio Lower Upper
 240 100
 120 11.5 8.1 12.1
 236 27.3 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: 81.908 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037722.D

Acq: 1 Nov 2018 17:13

Instrument :

BNA_G

ClientSampleId :

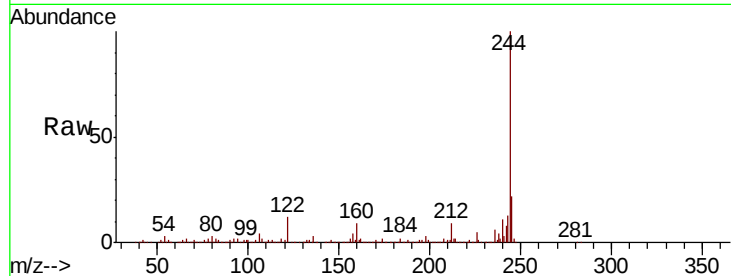
Tot Ion:244 Resp: 1324847

Ion Ratio Lower Upper

244 100

212 8.7 6.5 9.7

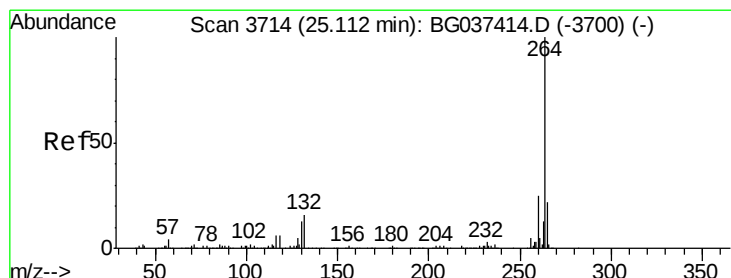
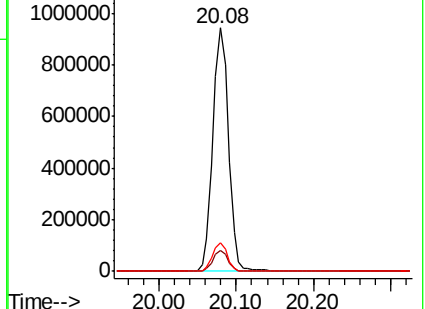
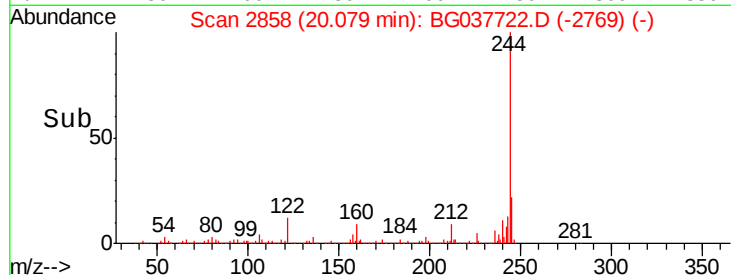
122 11.8 9.0 13.4



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: 20.000 ng

RT: 25.10 min Scan# 3712

Delta R.T. -0.02 min

Lab File: BG037722.D

Acq: 1 Nov 2018 17:13

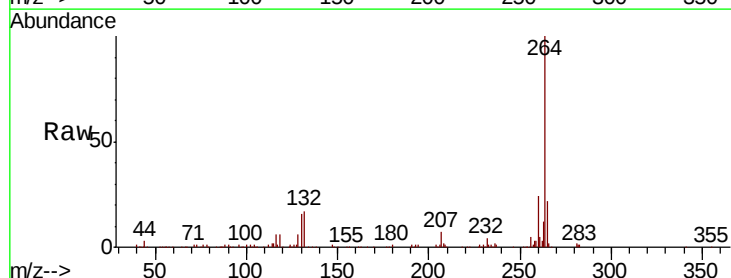
Tgt Ion:264 Resp: 312654

Ion Ratio Lower Upper

264 100

260 24.2 18.2 27.4

265 21.7 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

