

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110118\
 Data File : BG037725.D
 Acq On : 1 Nov 2018 19:10
 Operator : JU/SJ
 Sample : J5728-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 02 07:10:56 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

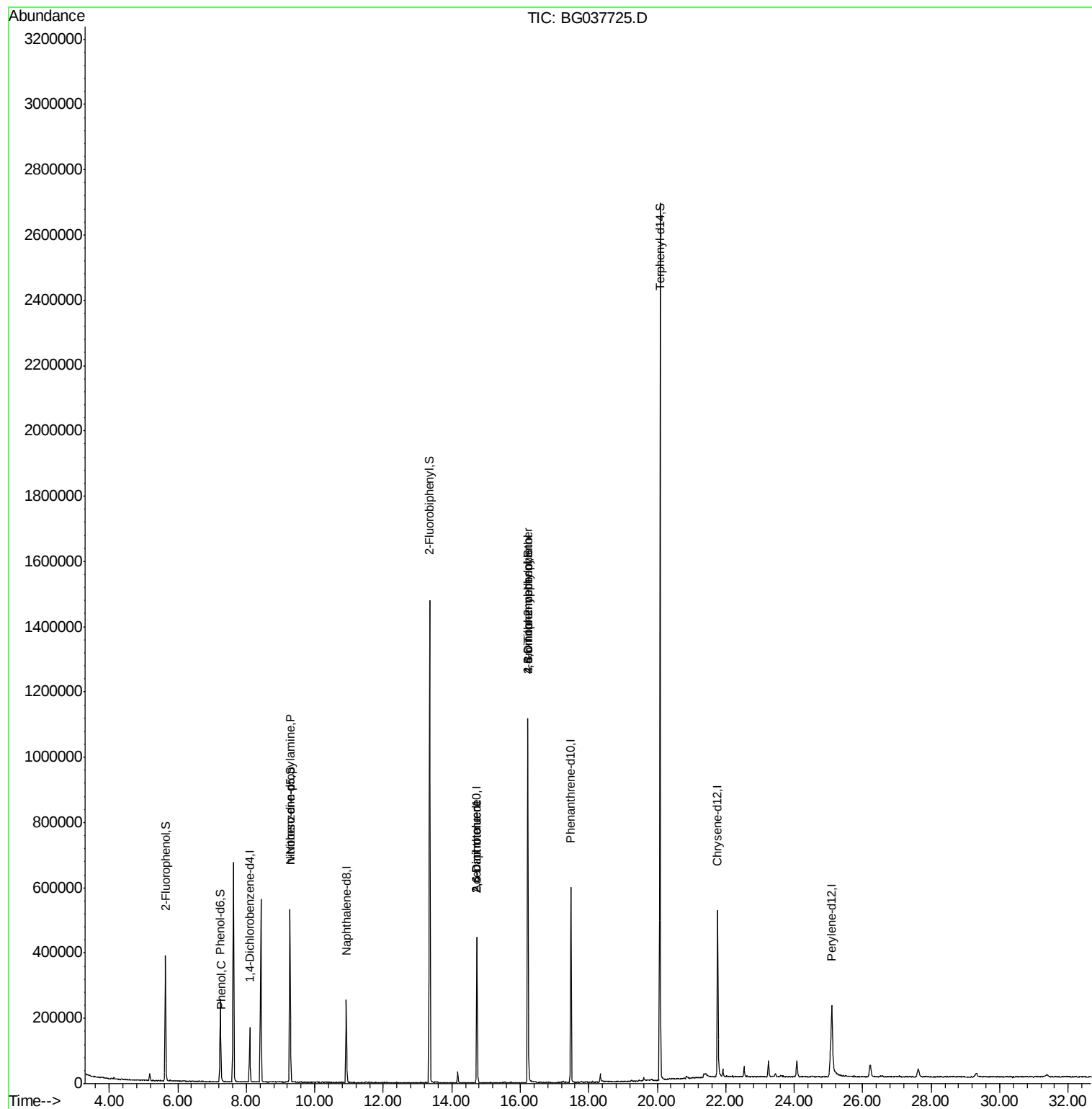
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	51084	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	228556	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	160583	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	379083	20.00	ng	0.00
76) Chrysene-d12	21.76	240	340205	20.00	ng	-0.01
87) Perylene-d12	25.09	264	300880	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	178199	58.32	ng	0.00
7) Phenol-d6	7.24	99	167080	36.16	ng	0.00
23) Nitrobenzene-d5	9.28	82	338152	82.88	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	205311	117.22	ng	0.00
45) 2-Fluorobiphenyl	13.35	172	822970	77.28	ng	-0.01
79) Terphenyl-d14	20.08	244	1275628	80.12	ng	0.00
Target Compounds						
10) Phenol	7.27	94	14911	3.059	ng	90
19) n-Nitroso-di-n-propylamine	9.28	70	42001	13.201	ng	# 74
51) 2,6-Dinitrotoluene	14.73	165	19673	7.158	ng	# 25
57) 2,4-Dinitrotoluene	14.73	165	19673	5.453	ng	# 25
65) 4,6-Dinitro-2-methylphenol	16.21	198	674	8.786	ng	76
67) 4-Bromophenyl-phenylether	16.22	248	15251	3.664	ng	# 1

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110118\
Data File : BG037725.D
Acq On : 1 Nov 2018 19:10
Operator : JU/SJ
Sample : J5728-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Nov 02 07:10:56 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



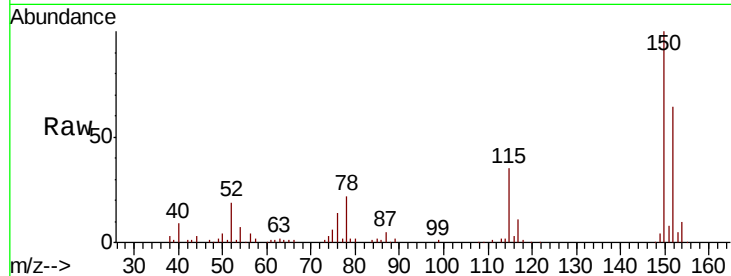


#1

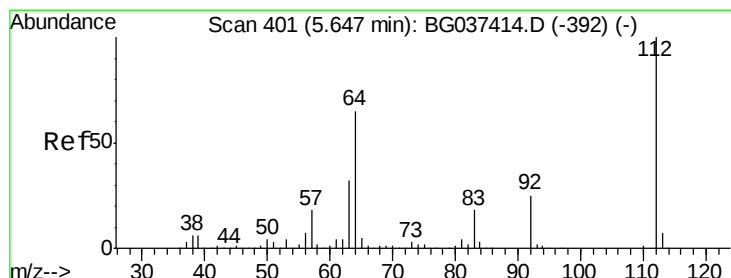
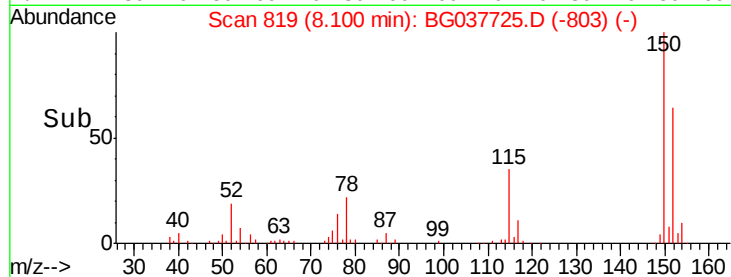
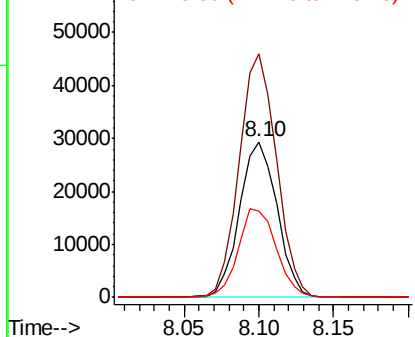
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037725.D
Acq: 1 Nov 2018 19:10

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 51084
Ion Ratio Lower Upper
152 100
150 156.7 126.0 189.0
115 55.4 45.5 68.3



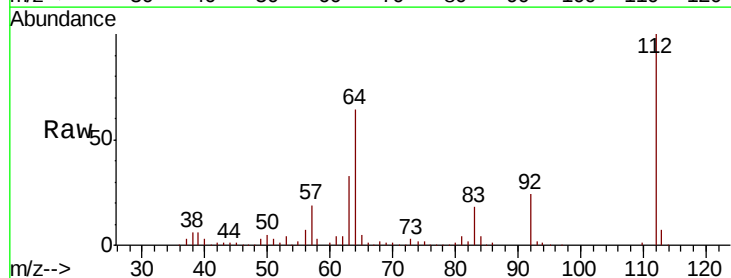
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



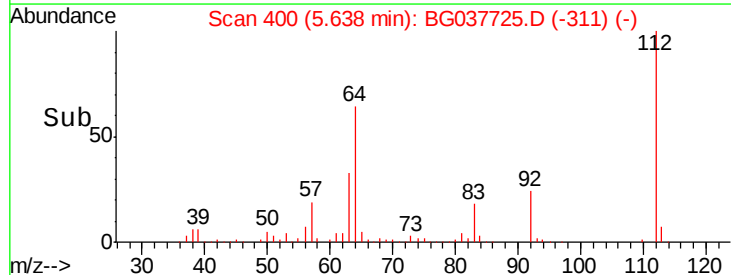
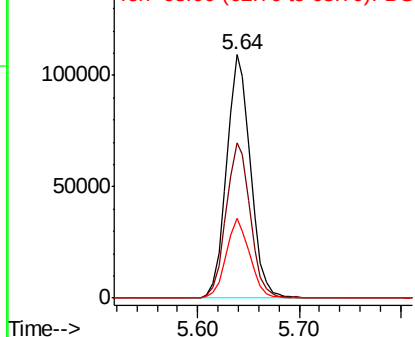
#5

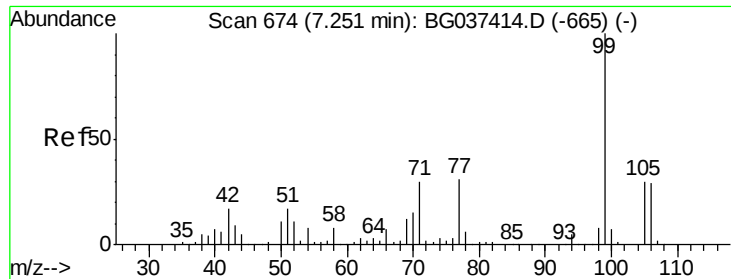
2-Fluorophenol
Concen: 58.320 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG037725.D
Acq: 1 Nov 2018 19:10

Tgt Ion:112 Resp: 178199
Ion Ratio Lower Upper
112 100
64 63.9 53.1 79.7
63 32.9 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: 36.162 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037725.D

Acq: 1 Nov 2018 19:10

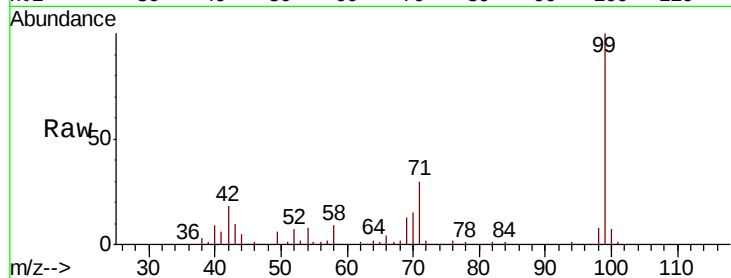
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 99 Resp: 167080

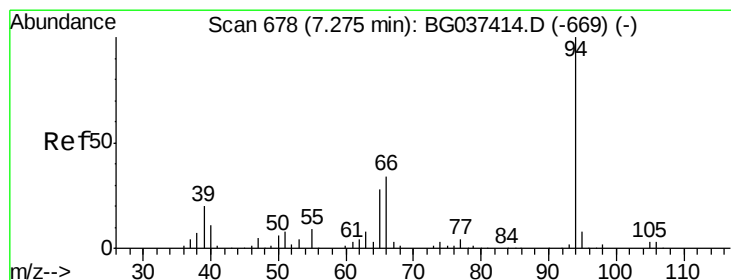
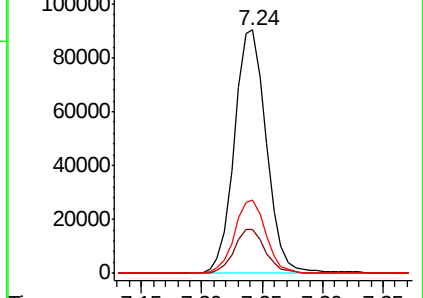
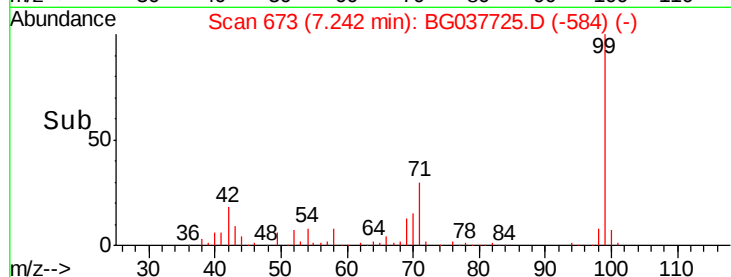
Ion	Ratio	Lower	Upper
99	100		
42	18.0	15.0	22.4
71	30.2	25.5	38.3



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: 3.059 ng

RT: 7.27 min Scan# 677

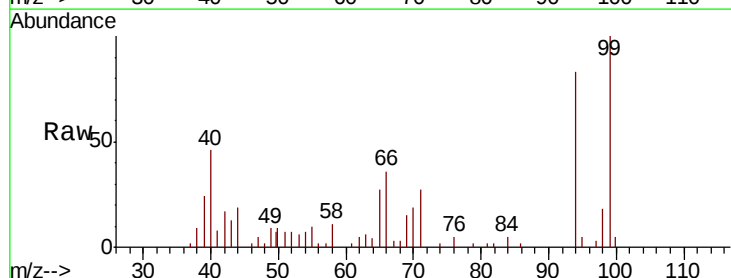
Delta R.T. -0.01 min

Lab File: BG037725.D

Acq: 1 Nov 2018 19:10

Tgt Ion: 94 Resp: 14911

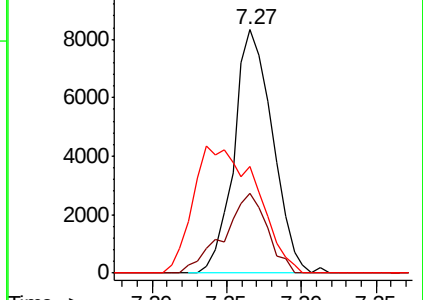
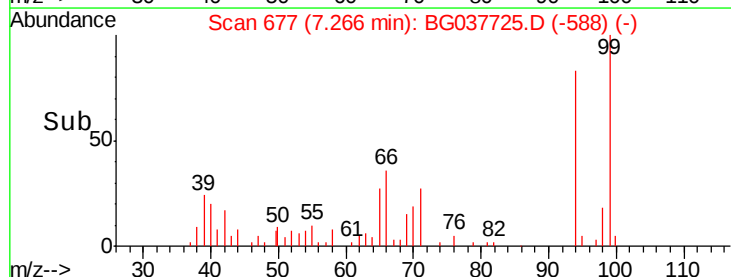
Ion	Ratio	Lower	Upper
94	100		
65	32.5	9.7	49.7
66	43.8	15.9	55.9



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

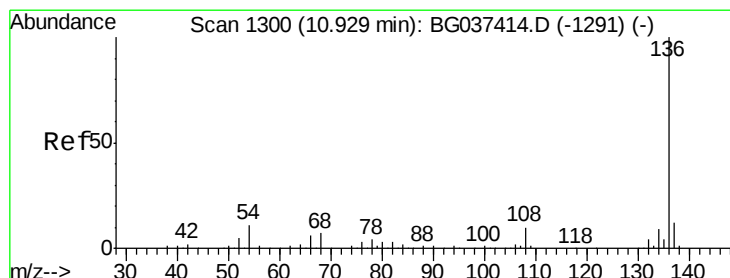
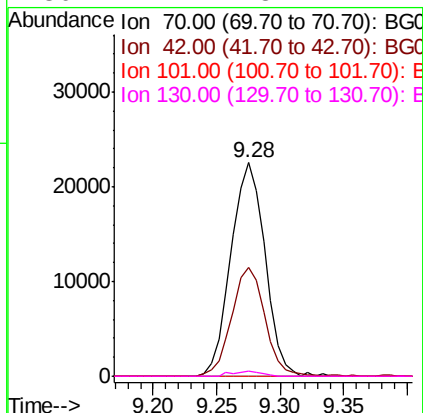
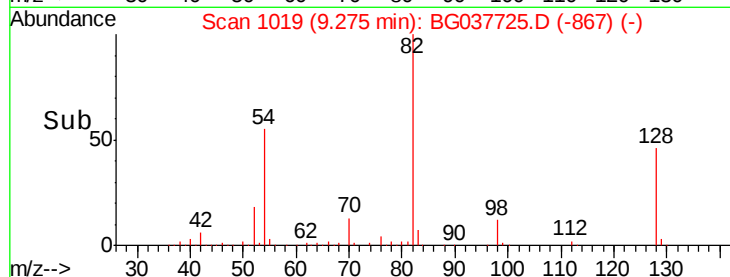
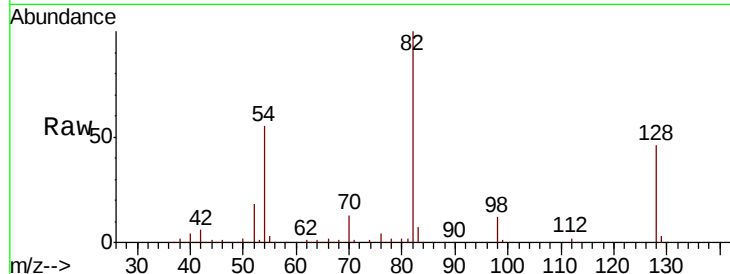




#19
n-Nitroso-di-n-propylamine
Concen: 13.201 ng
RT: 9.28 min Scan# 1019
Delta R.T. 0.36 min
Lab File: BG037725.D
Acq: 1 Nov 2018 19:10

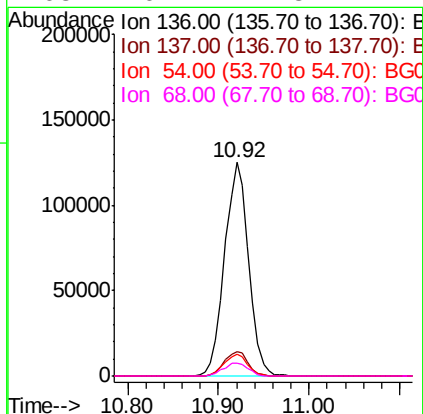
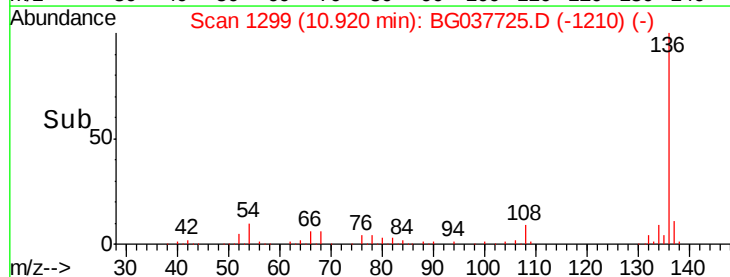
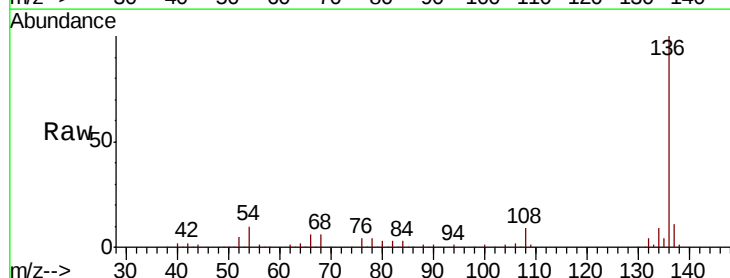
Instrument :
BNA_G
ClientSampled :

Tot Ion: 70 Resp: 42001
Ion Ratio Lower Upper
70 100
42 51.2 53.9 80.9#
101 0.0 8.2 12.2#
130 2.2 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: BG037725.D
Acq: 1 Nov 2018 19:10

Tgt Ion: 136 Resp: 228556
Ion Ratio Lower Upper
136 100
137 11.5 9.6 14.4
54 10.0 7.9 11.9
68 6.1 4.8 7.2

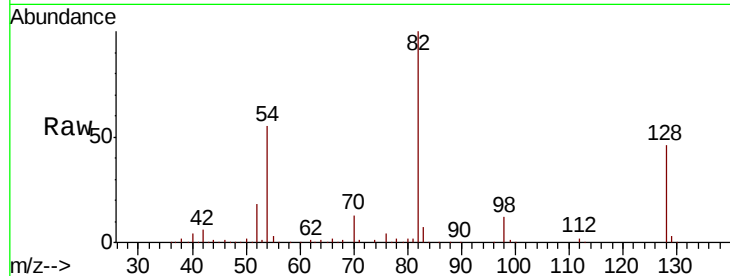




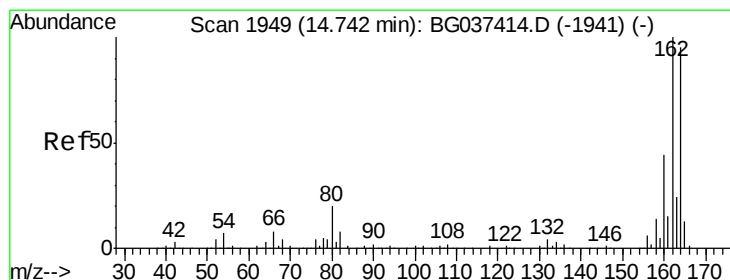
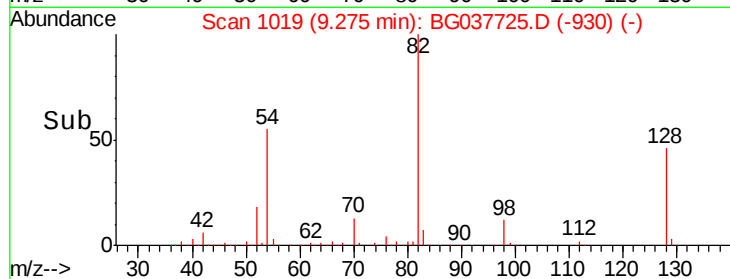
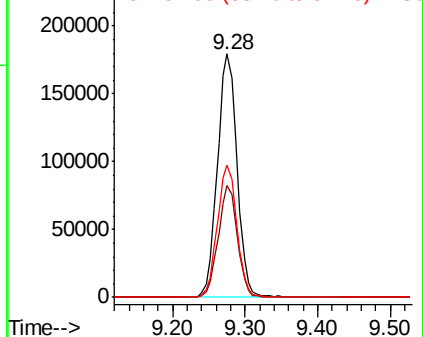
#23
Nitrobenzene-d5
Concen: 82.881 ng
RT: 9.28 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG037725.D
Acq: 1 Nov 2018 19:10

Instrument :
BNA_G
ClientSampleId :

Tot Ion	82	Resp	338152
Ion Ratio	Lower	Upper	
82	100		
128	45.9	34.6	51.8
54	54.5	45.3	67.9

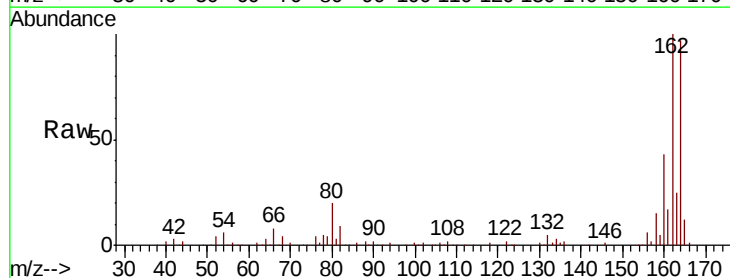


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

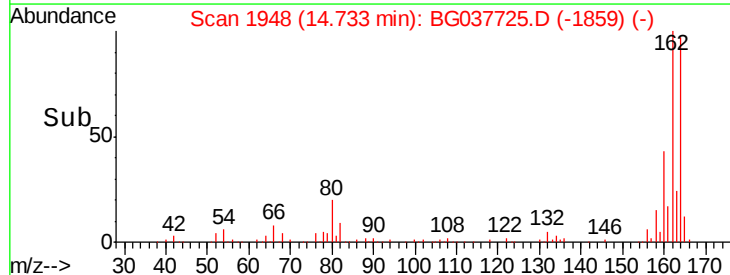
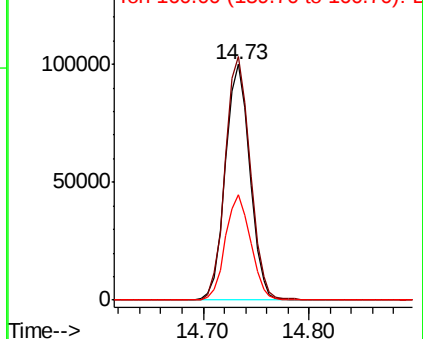


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BG037725.D
Acq: 1 Nov 2018 19:10

Tgt Ion	164	Resp	160583
Ion Ratio	Lower	Upper	
164	100		
162	103.3	81.3	121.9
160	44.8	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

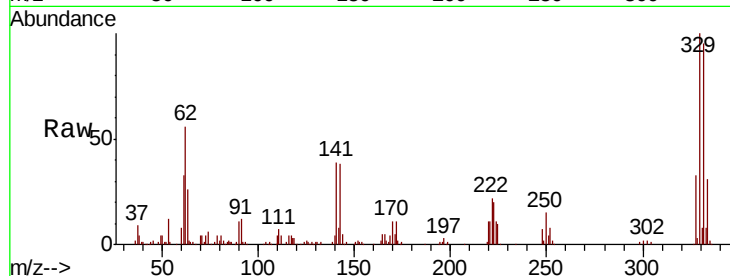




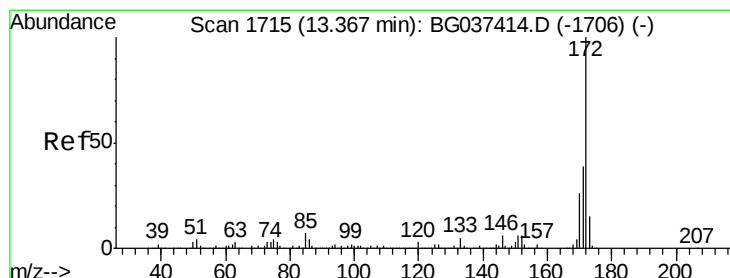
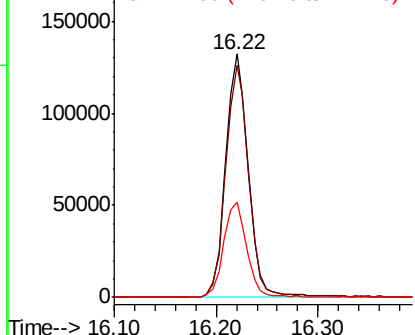
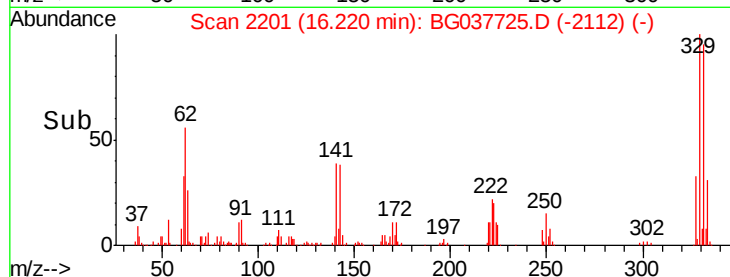
#42
 2,4,6-Tribromophenol
 Concen: 117.223 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. -0.01 min
 Lab File: BG037725.D
 Acq: 1 Nov 2018 19:10

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	78.4	117.6
141	40.1	32.2	48.2

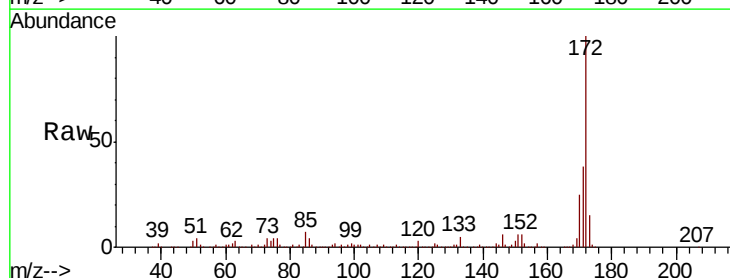


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

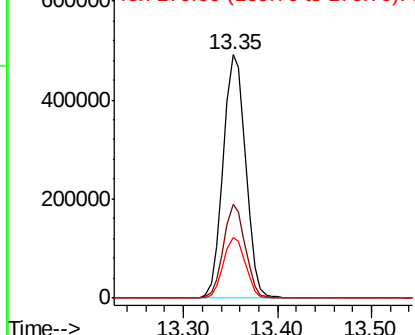
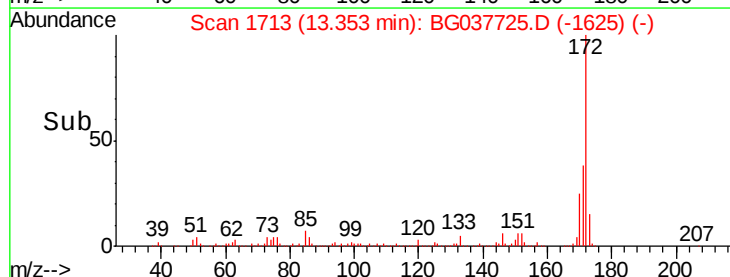


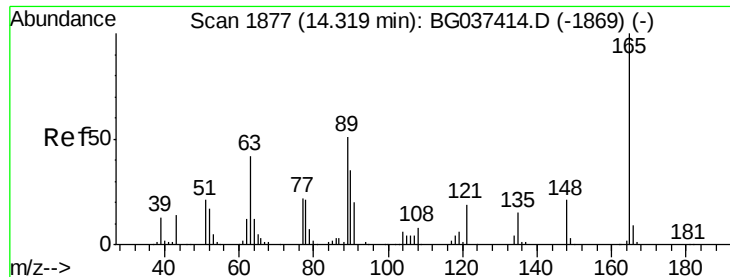
#45
 2-Fluorobiphenyl
 Concen: 77.280 ng
 RT: 13.35 min Scan# 1713
 Delta R.T. -0.01 min
 Lab File: BG037725.D
 Acq: 1 Nov 2018 19:10

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.4	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

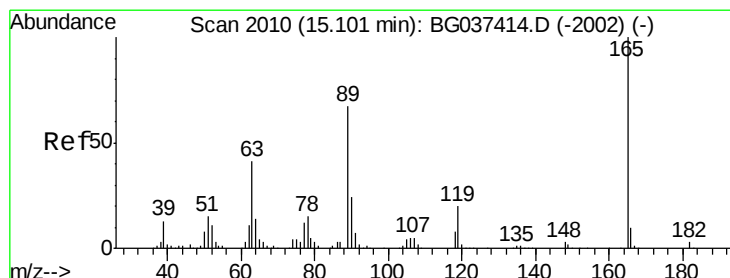
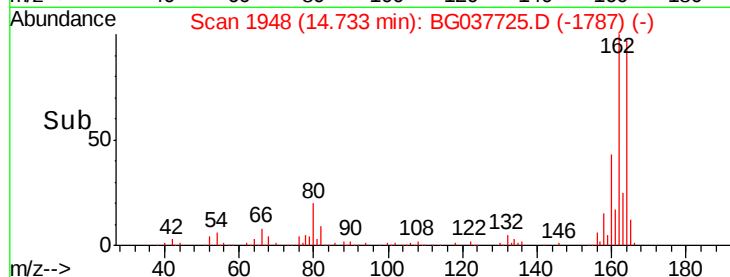
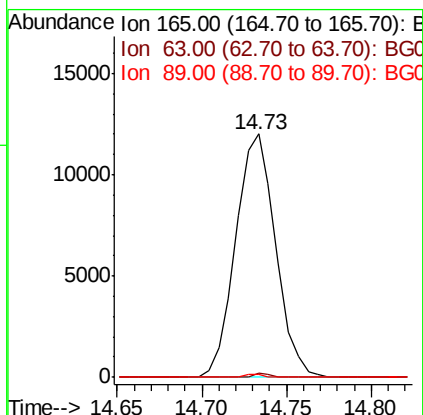
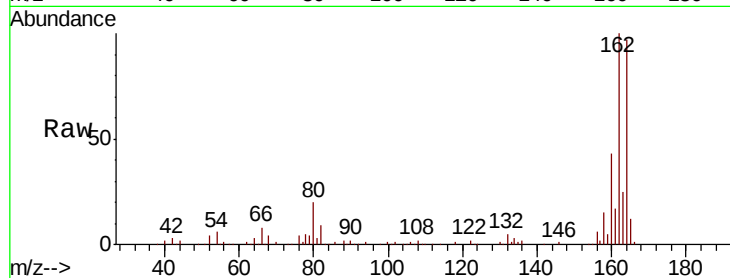




#51
 2,6-Dinitrotoluene
 Concen: 7.158 ng
 RT: 14.73 min Scan# 1948
 Delta R.T. 0.41 min
 Lab File: BG037725.D
 Acq: 1 Nov 2018 19:10

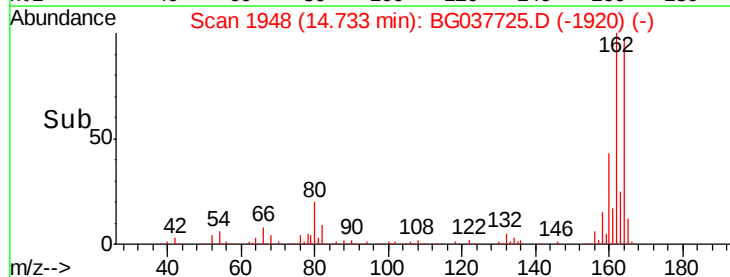
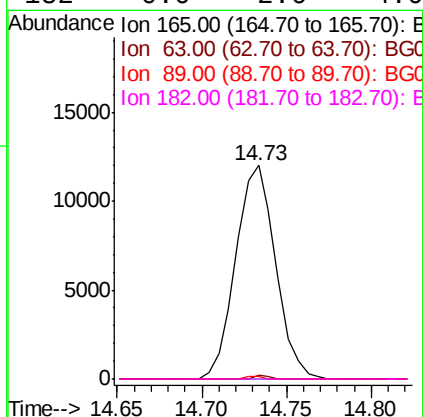
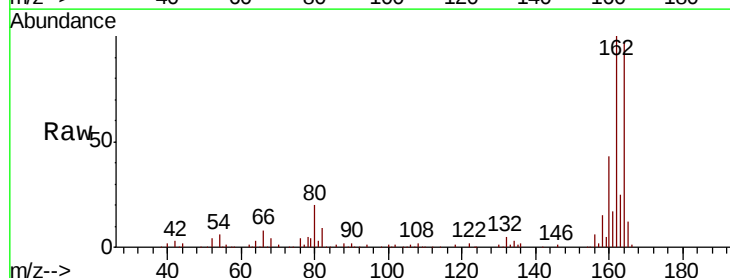
Instrument :
 BNA_G
 ClientSampleId :

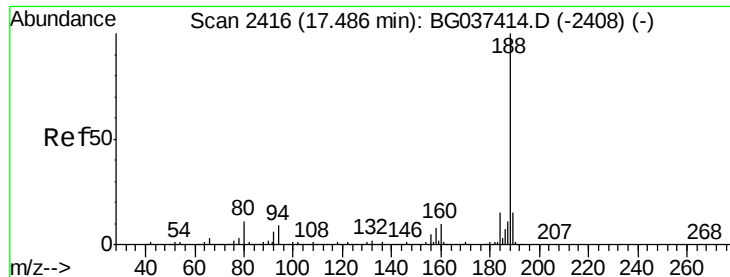
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.6	43.4	65.2#
89	1.3	45.8	68.6#



#57
 2,4-Dinitrotoluene
 Concen: 5.453 ng
 RT: 14.73 min Scan# 1948
 Delta R.T. -0.37 min
 Lab File: BG037725.D
 Acq: 1 Nov 2018 19:10

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	33.4	50.0#
89	1.3	57.2	85.8#
182	0.0	2.6	4.0#

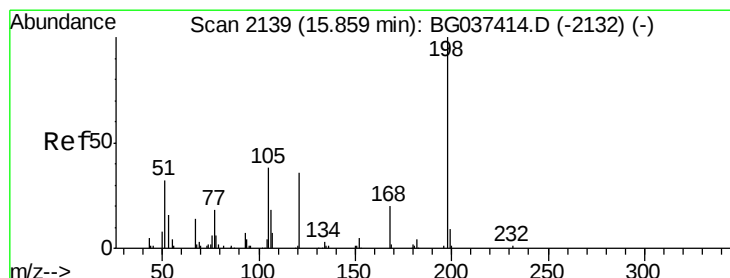
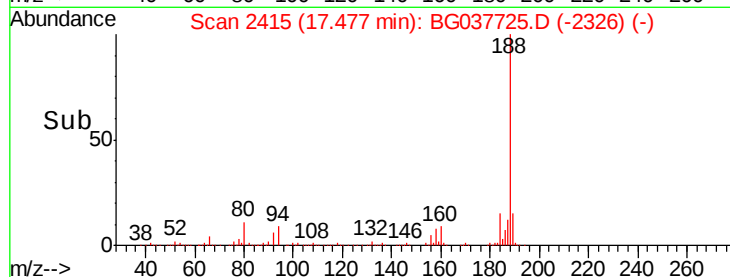
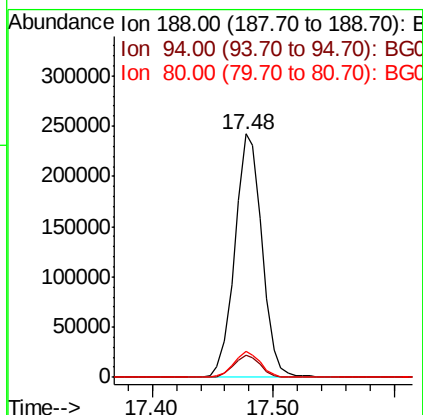
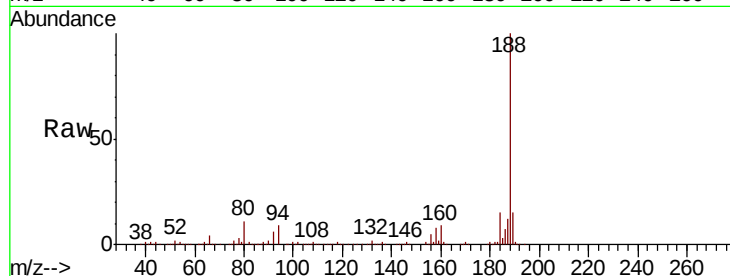




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BG037725.D
Acq: 1 Nov 2018 19:10

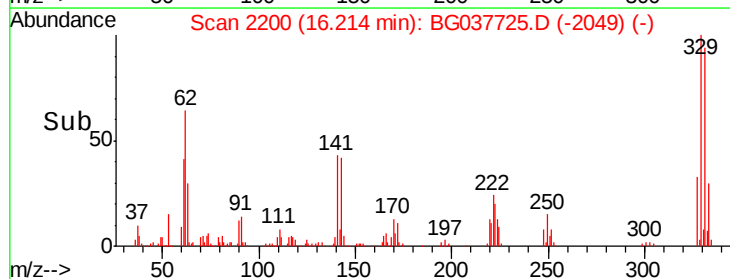
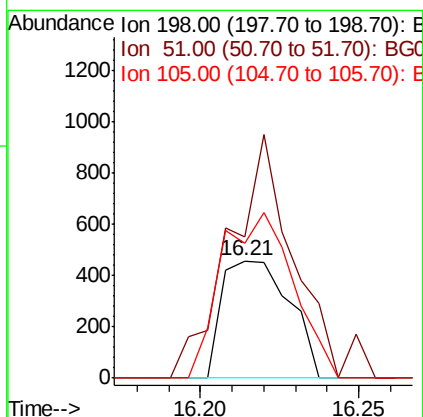
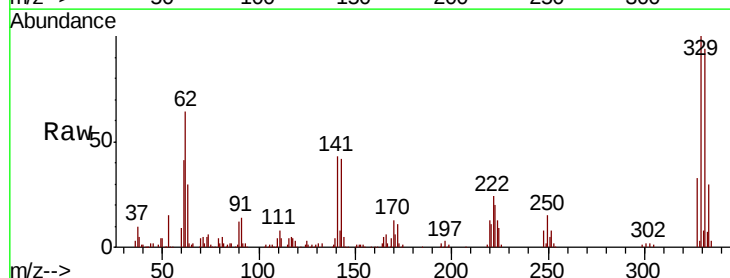
Instrument :
BNA_G
ClientSampleId :

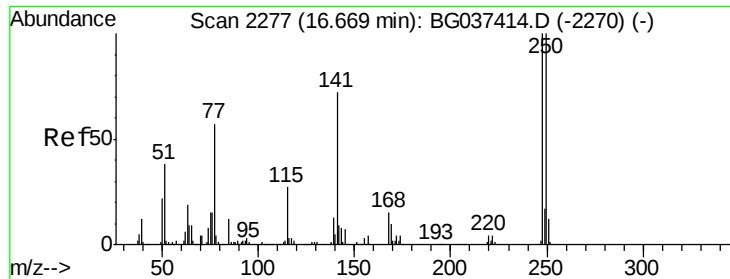
Tot Ion:188 Resp: 379083
Ion Ratio Lower Upper
188 100
94 9.3 7.2 10.8
80 10.9 7.7 11.5



#65
4,6-Dinitro-2-methylphenol
Concen: 8.786 ng
RT: 16.21 min Scan# 2200
Delta R.T. 0.36 min
Lab File: BG037725.D
Acq: 1 Nov 2018 19:10

Tgt Ion:198 Resp: 674
Ion Ratio Lower Upper
198 100
51 26.5 22.7 62.7
105 25.3 19.7 59.7

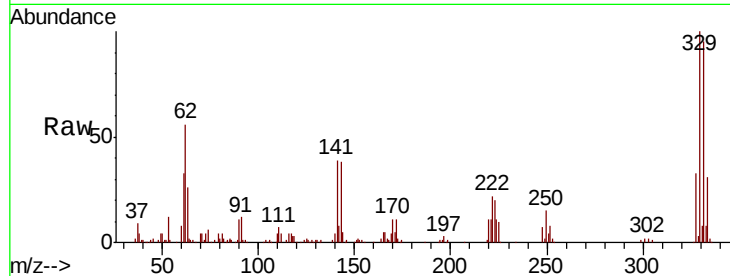




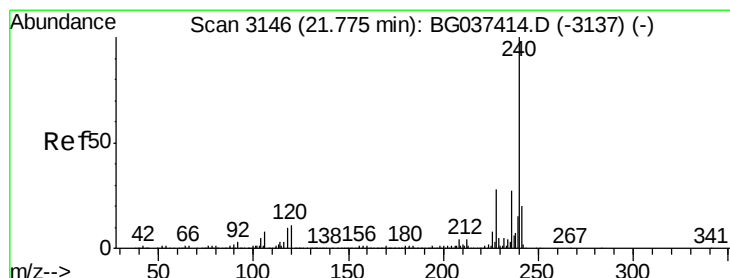
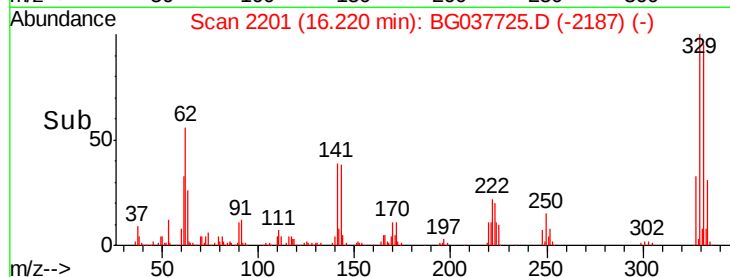
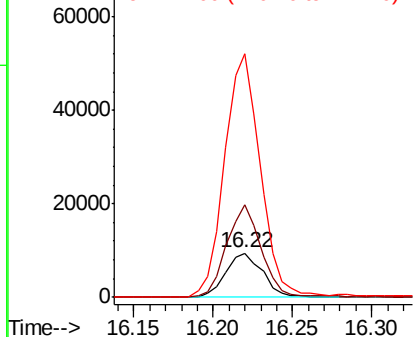
#67
 4-Bromophenyl-phenylether
 Concen: 3.664 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. -0.45 min
 Lab File: BG037725.D
 Acq: 1 Nov 2018 19:10

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 15251
 Ion Ratio Lower Upper
 248 100
 250 204.7 77.0 115.6#
 141 419.5 55.5 83.3#

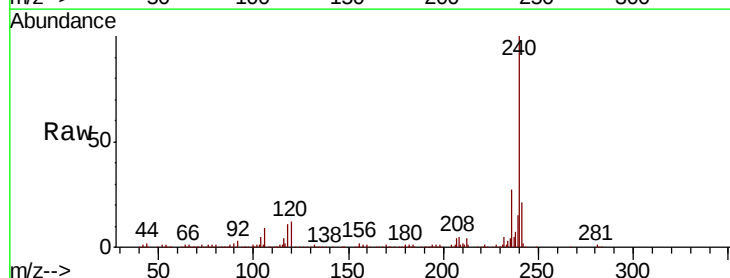


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

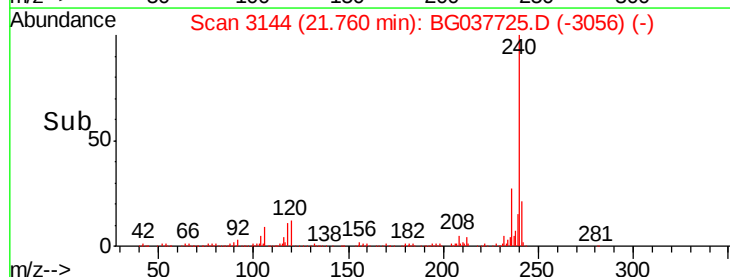
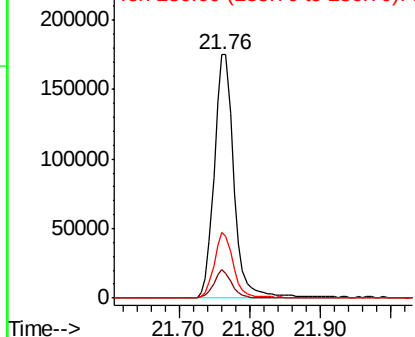


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.76 min Scan# 3144
 Delta R.T. -0.01 min
 Lab File: BG037725.D
 Acq: 1 Nov 2018 19:10

Tgt Ion:240 Resp: 340205
 Ion Ratio Lower Upper
 240 100
 120 11.5 8.1 12.1
 236 26.9 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: 80.120 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037725.D

Acq: 1 Nov 2018 19:10

Instrument :

BNA_G

ClientSampleId :

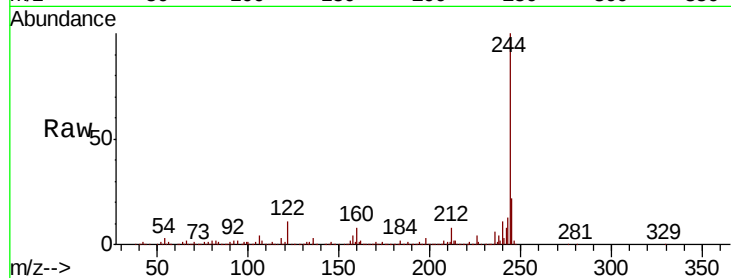
Tot Ion:244 Resp: 1275628

Ion Ratio Lower Upper

244 100

212 8.4 6.5 9.7

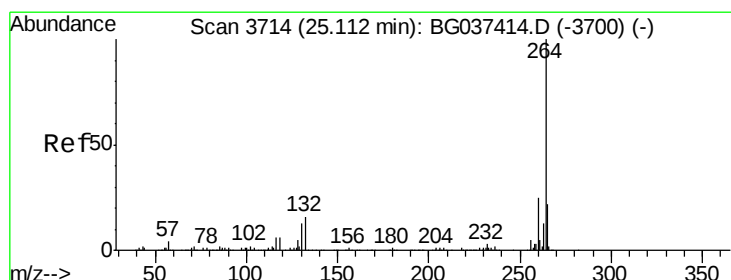
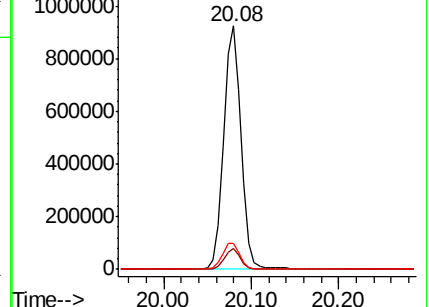
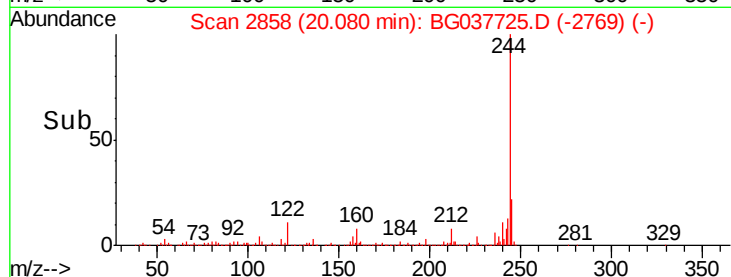
122 10.8 9.0 13.4



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: 20.000 ng

RT: 25.09 min Scan# 3711

Delta R.T. -0.02 min

Lab File: BG037725.D

Acq: 1 Nov 2018 19:10

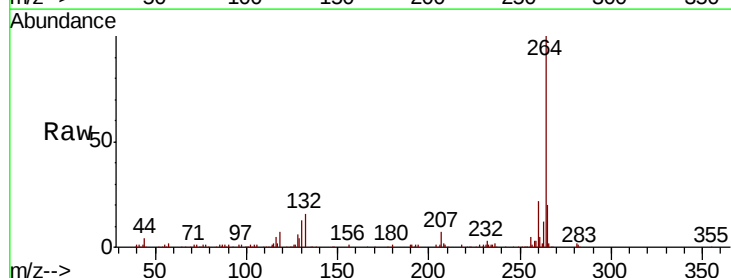
Tgt Ion:264 Resp: 300880

Ion Ratio Lower Upper

264 100

260 22.1 18.2 27.4

265 19.6 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

