

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102918\
 Data File : BG037637.D
 Acq On : 30 Oct 2018 00:21
 Operator : JU/SJ
 Sample : J5665-08
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 30 04:44:41 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

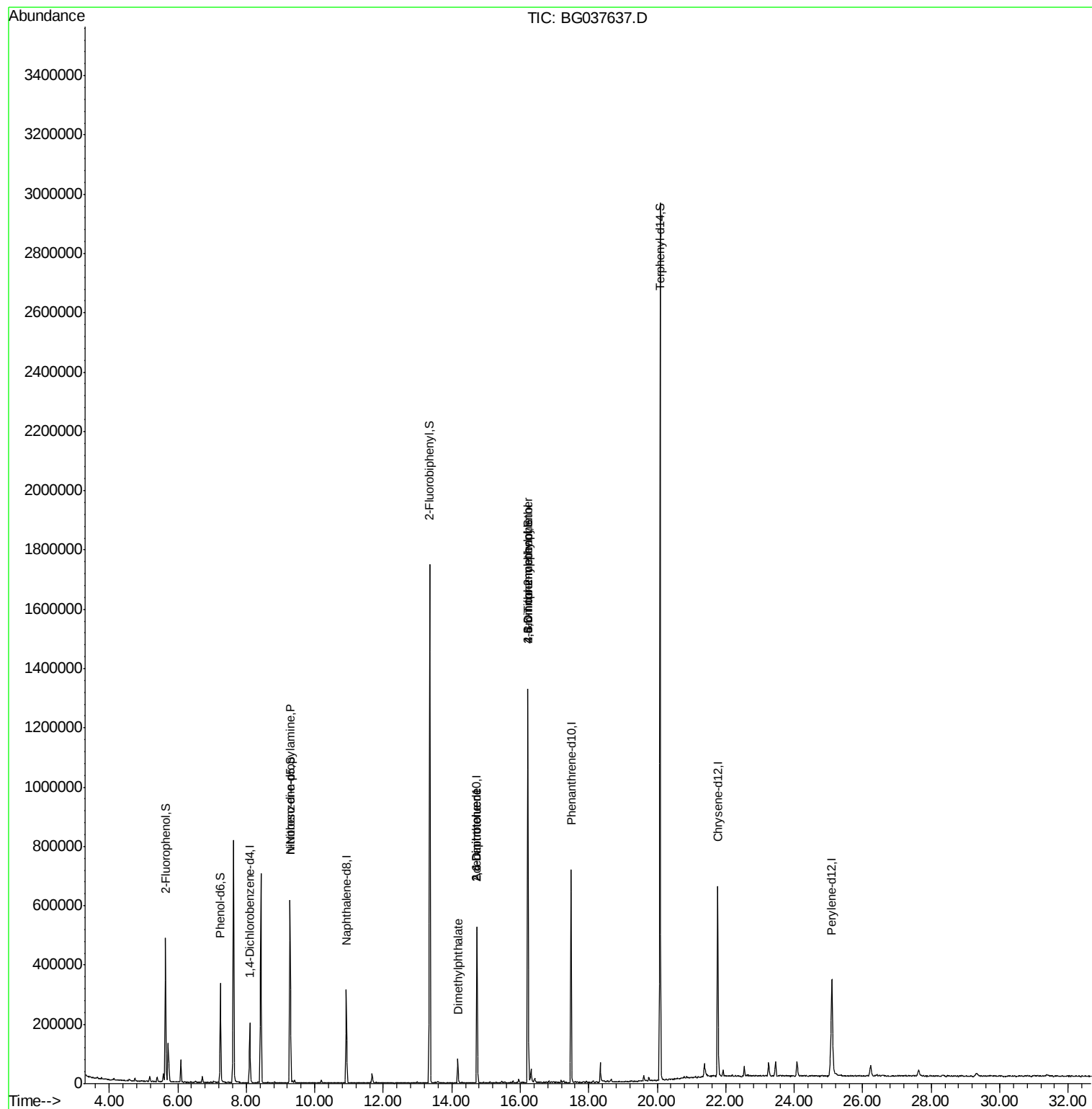
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	62271	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	282346	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	190749	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	445613	20.00	ng	0.00
76) Chrysene-d12	21.77	240	406811	20.00	ng	0.00
87) Perylene-d12	25.10	264	404761	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	226958	60.93	ng	0.00
7) Phenol-d6	7.24	99	213400	37.89	ng	0.00
23) Nitrobenzene-d5	9.28	82	399364	79.24	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	248019	119.21	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	959922	75.89	ng	0.00
79) Terphenyl-d14	20.08	244	1389797	73.00	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.28	70	50526	13.028	ng	Qvalue # 71
50) Dimethylphthalate	14.18	163	61680	4.180	ng	97
51) 2,6-Dinitrotoluene	14.73	165	24087	7.379	ng	# 26
57) 2,4-Dinitrotoluene	14.73	165	24087	5.621	ng	# 25
65) 4,6-Dinitro-2-methylphenol	16.22	198	618	8.725	ng	86
67) 4-Bromophenyl-phenylether	16.22	248	18830	3.848	ng	# 1

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

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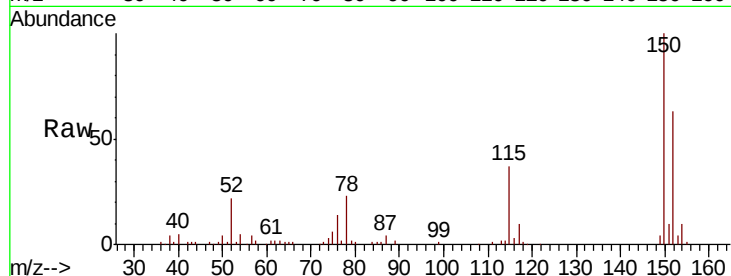


#1

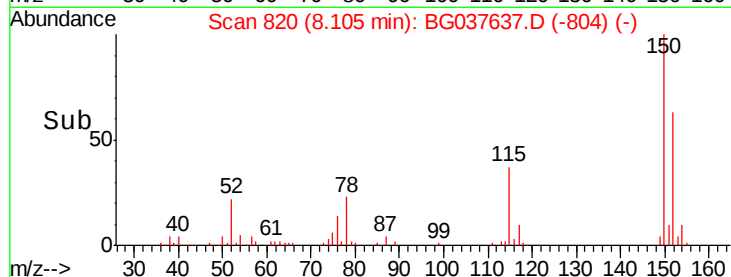
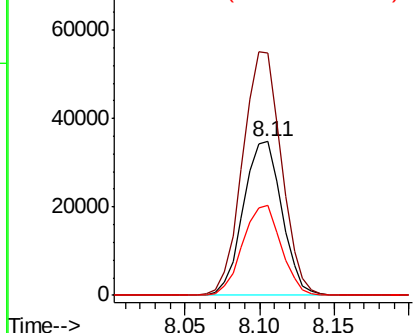
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 820
Delta R.T. -0.00 min
Lab File: BG037637.D
Acq: 30 Oct 2018 00:21

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 62271
Ion Ratio Lower Upper
152 100
150 157.6 126.0 189.0
115 58.6 45.5 68.3



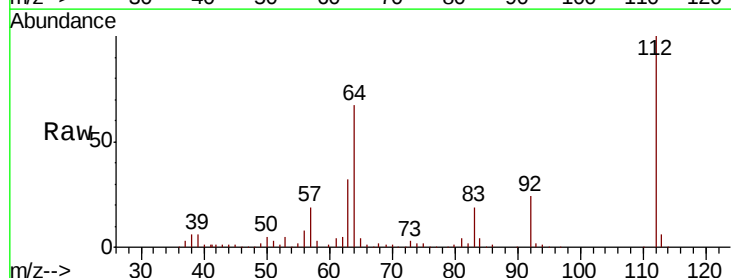
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



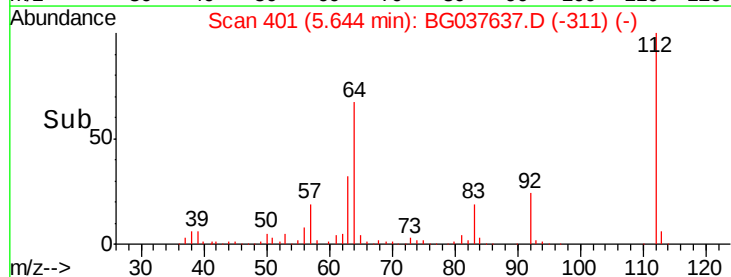
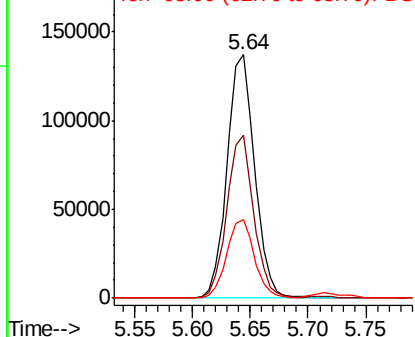
#5

2-Fluorophenol
Concen: 60.934 ng
RT: 5.64 min Scan# 401
Delta R.T. -0.00 min
Lab File: BG037637.D
Acq: 30 Oct 2018 00:21

Tgt Ion:112 Resp: 226958
Ion Ratio Lower Upper
112 100
64 66.7 53.1 79.7
63 32.1 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: 37.890 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037637.D

Acq: 30 Oct 2018 00:21

Instrument :

BNA_G

ClientSampleId :

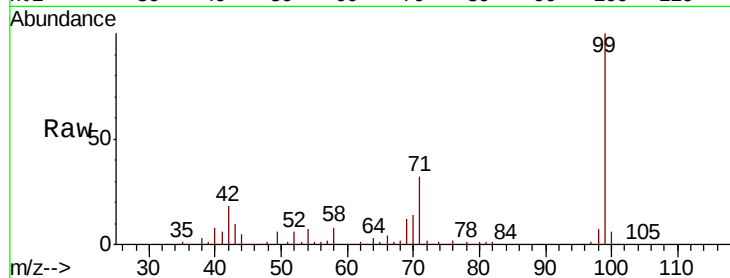
Tot Ion: 99 Resp: 213400

Ion Ratio Lower Upper

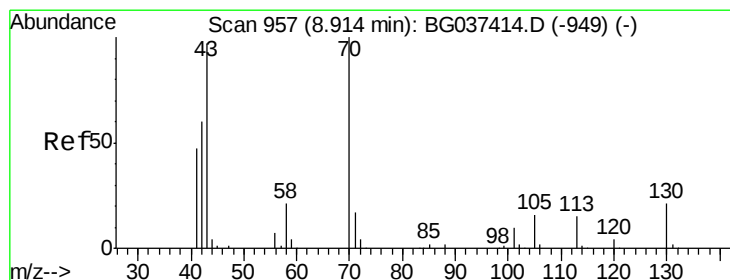
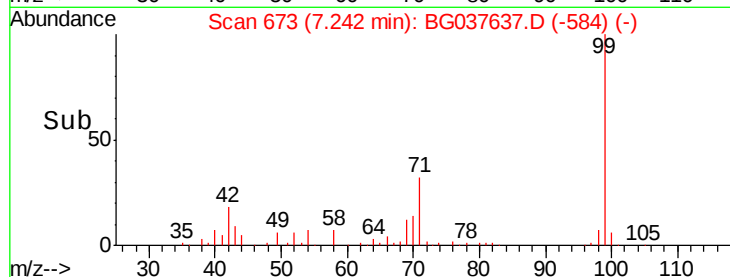
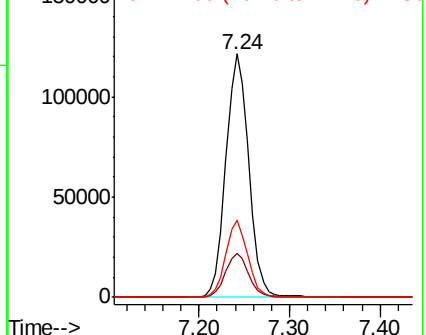
99 100

42 18.0 15.0 22.4

71 31.6 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



#19

n-Nitroso-di-n-propylamine

Concen: 13.028 ng

RT: 9.28 min Scan# 1020

Delta R.T. 0.37 min

Lab File: BG037637.D

Acq: 30 Oct 2018 00:21

Tgt Ion: 70 Resp: 50526

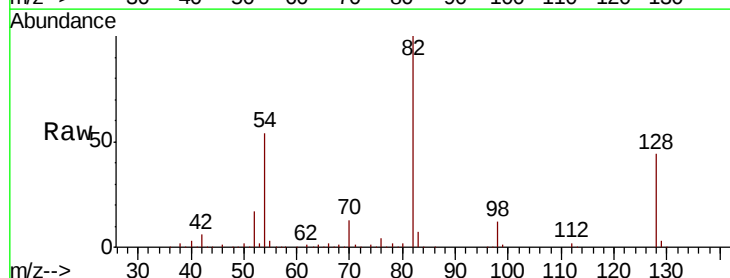
Ion Ratio Lower Upper

70 100

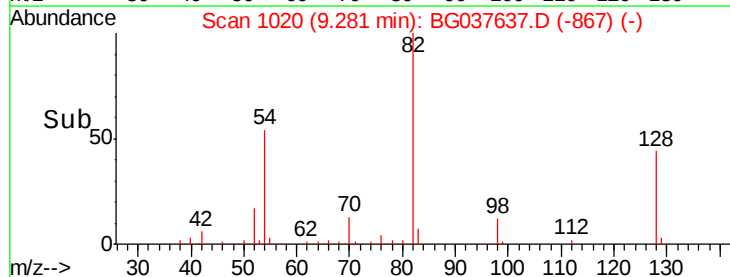
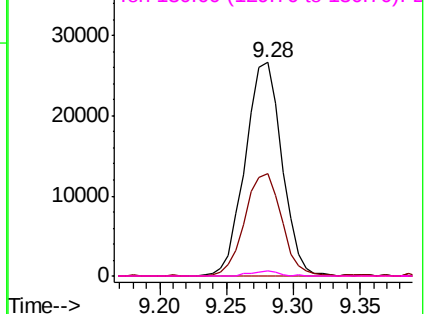
42 47.7 53.9 80.9#

101 0.0 8.2 12.2#

130 2.1 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

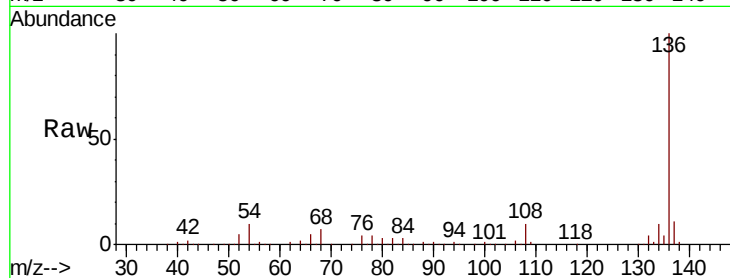




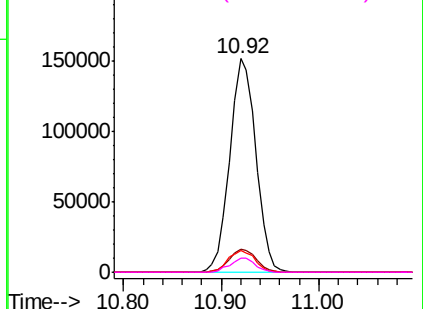
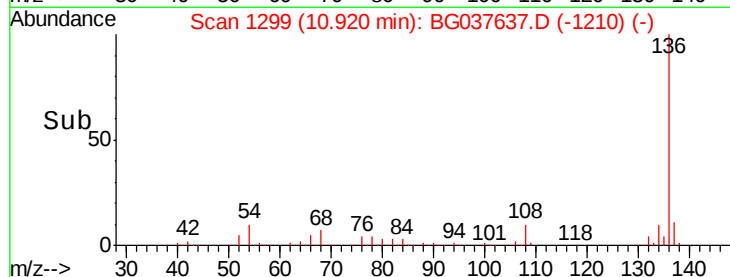
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG037637.D
Acq: 30 Oct 2018 00:21

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	282346
Ion Ratio	Lower	Upper
136 100		
137 11.1	9.6	14.4
54 10.2	7.9	11.9
68 6.5	4.8	7.2

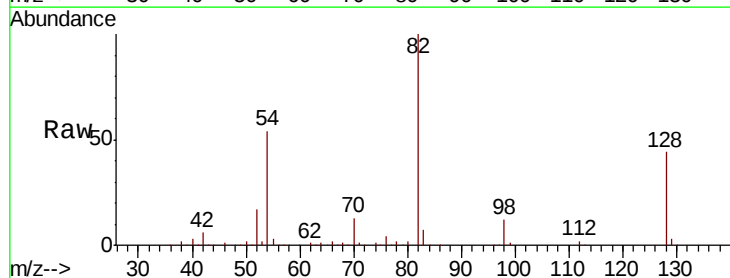


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

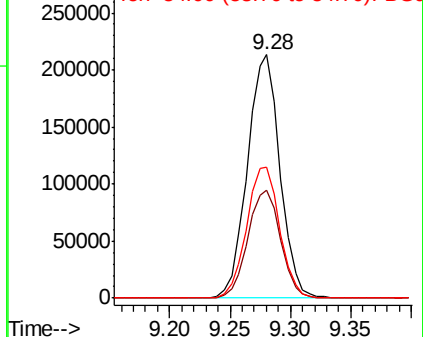
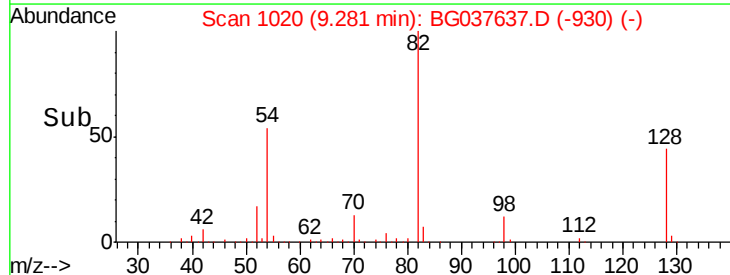


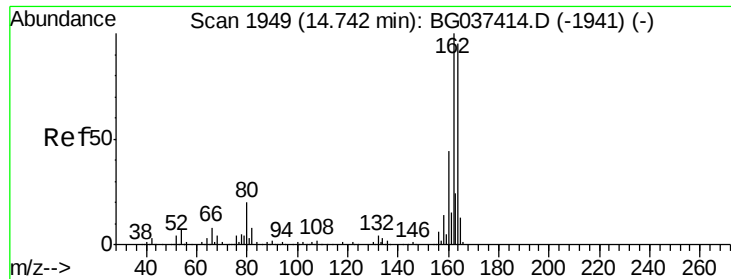
#23
Nitrobenzene-d5
Concen: 79.236 ng
RT: 9.28 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BG037637.D
Acq: 30 Oct 2018 00:21

Tgt Ion: 82	Resp: 399364
Ion Ratio	Lower Upper
82 100	
128 44.2	34.6 51.8
54 53.6	45.3 67.9



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): E
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: BG037637.D

Acq: 30 Oct 2018 00:21

Instrument :

BNA_G

ClientSampleId :

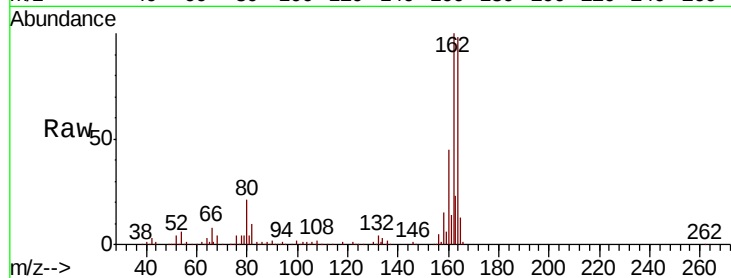
Tot Ion:164 Resp: 190749

Ion Ratio Lower Upper

164 100

162 101.7 81.3 121.9

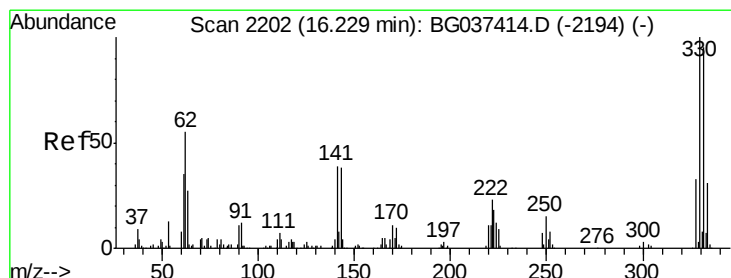
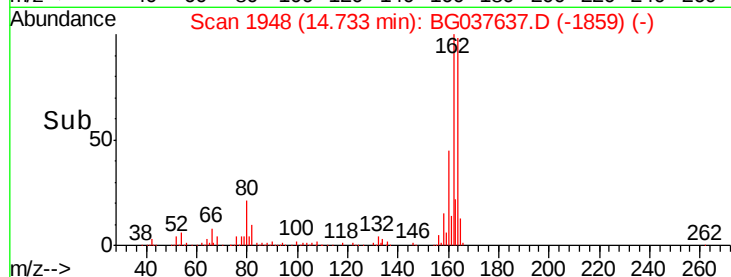
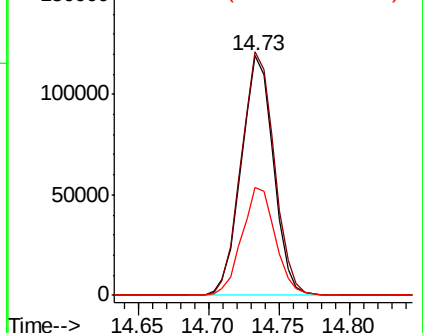
160 45.3 36.3 54.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 119.212 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG037637.D

Acq: 30 Oct 2018 00:21

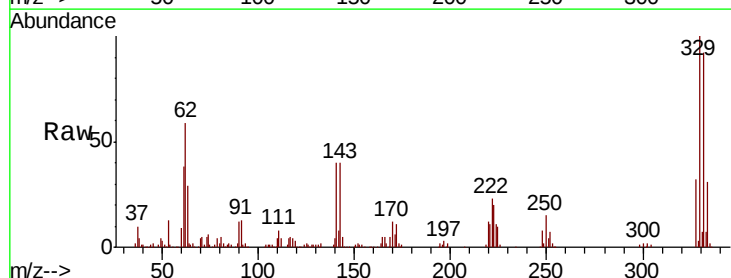
Tgt Ion:330 Resp: 248019

Ion Ratio Lower Upper

330 100

332 94.8 78.4 117.6

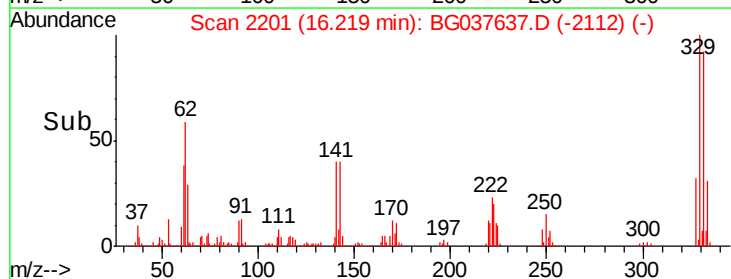
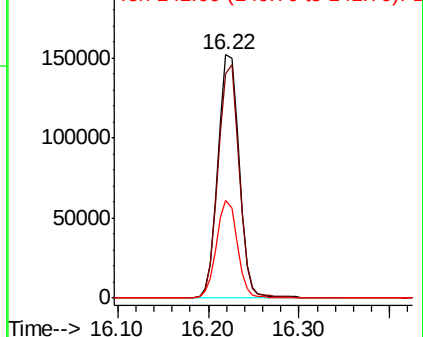
141 39.6 32.2 48.2



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

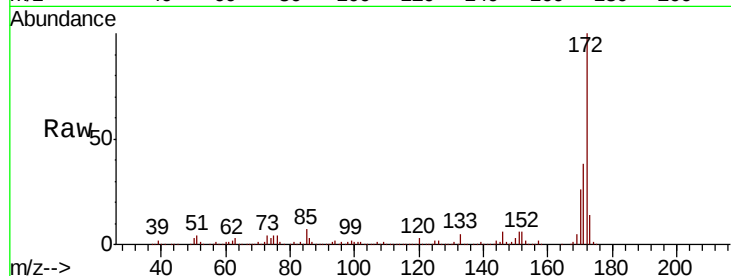




#45
2-Fluorobiphenyl
Concen: 75.886 ng
RT: 13.36 min Scan# 1714
Delta R.T. -0.01 min
Lab File: BG037637.D
Acq: 30 Oct 2018 00:21

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.0	31.0	46.4
170	25.8	20.2	30.2

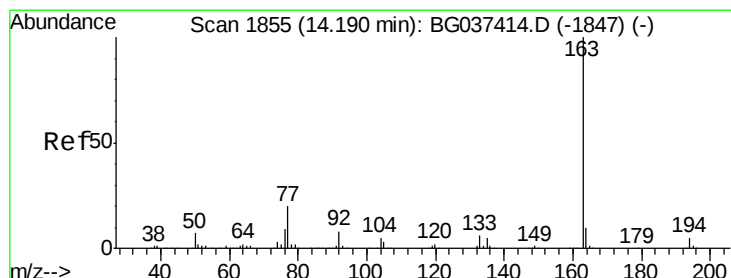
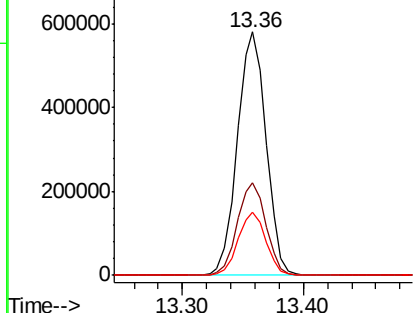
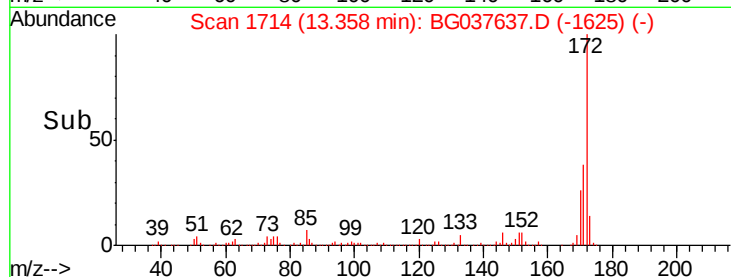


Abundance

Ion 172.00 (171.70 to 172.70): E

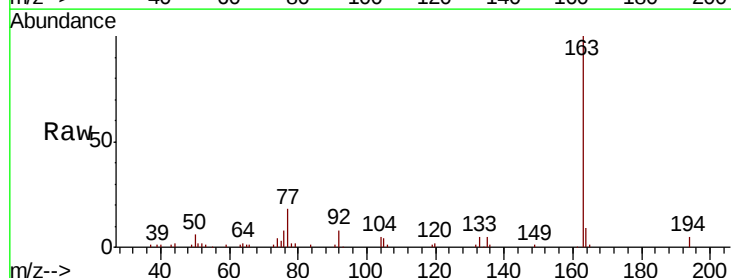
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#50
Dimethylphthalate
Concen: 4.180 ng
RT: 14.18 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BG037637.D
Acq: 30 Oct 2018 00:21

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.8	3.5	5.3
164	9.4	8.5	12.7

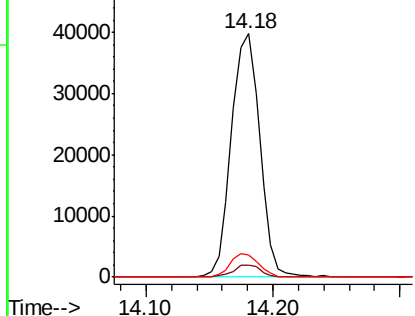
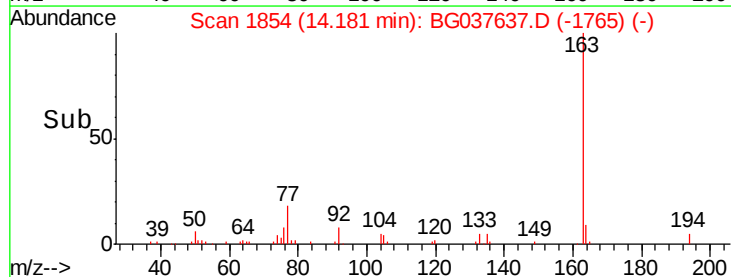


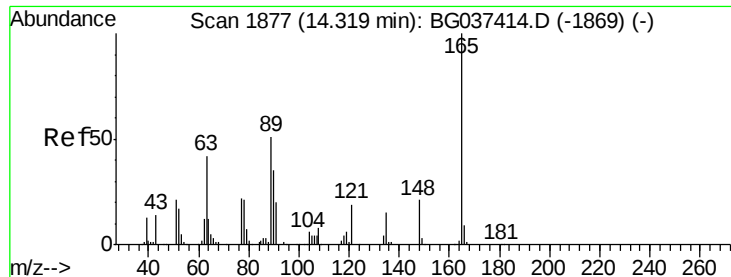
Abundance

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

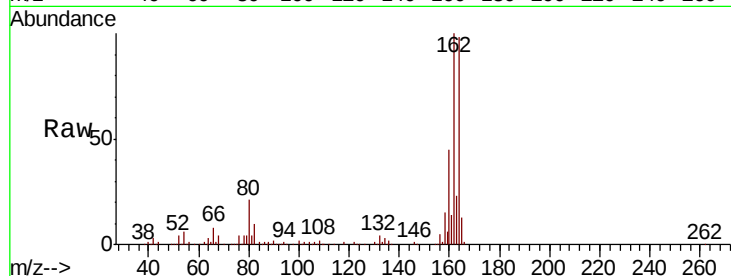




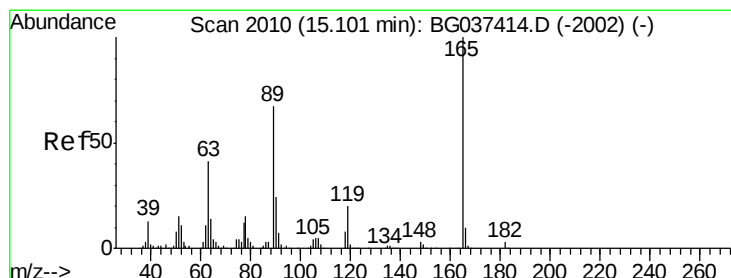
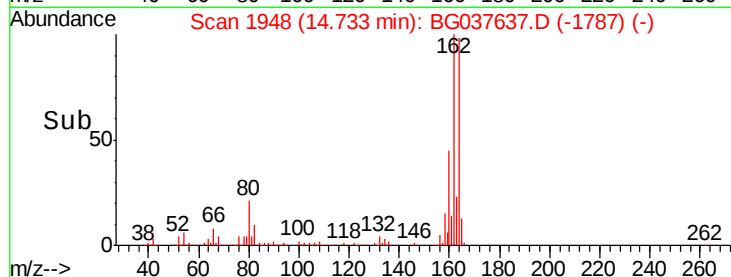
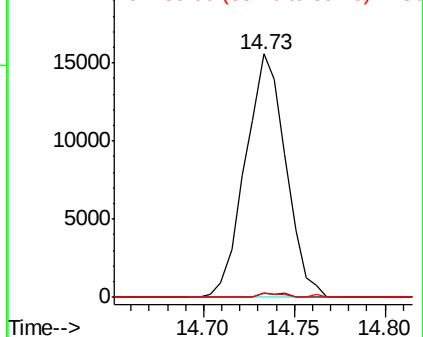
#51
 2,6-Dinitrotoluene
 Concen: 7.379 ng
 RT: 14.73 min Scan# 1948
 Delta R.T. 0.41 min
 Lab File: BG037637.D
 Acq: 30 Oct 2018 00:21

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.9	43.4	65.2#
89	1.6	45.8	68.6#

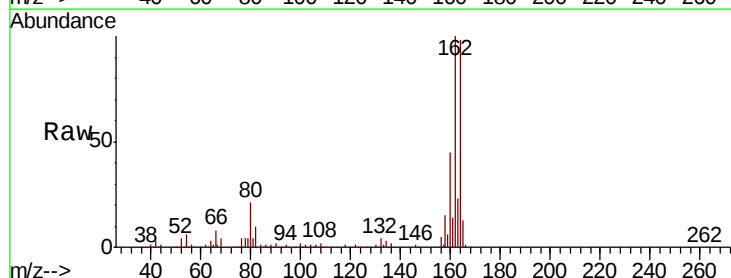


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

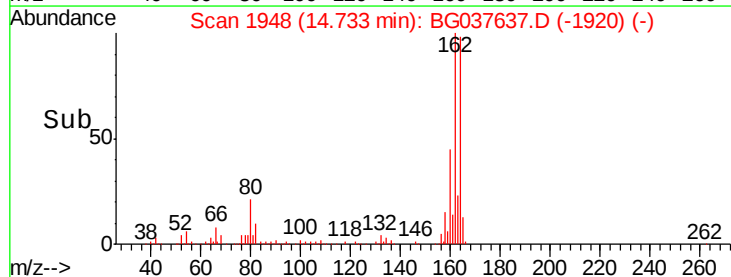
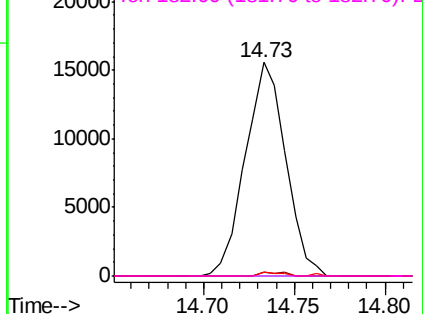


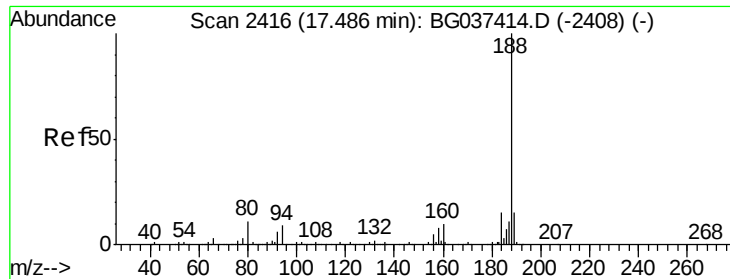
#57
 2,4-Dinitrotoluene
 Concen: 5.621 ng
 RT: 14.73 min Scan# 1948
 Delta R.T. -0.37 min
 Lab File: BG037637.D
 Acq: 30 Oct 2018 00:21

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.9	33.4	50.0#
89	1.6	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

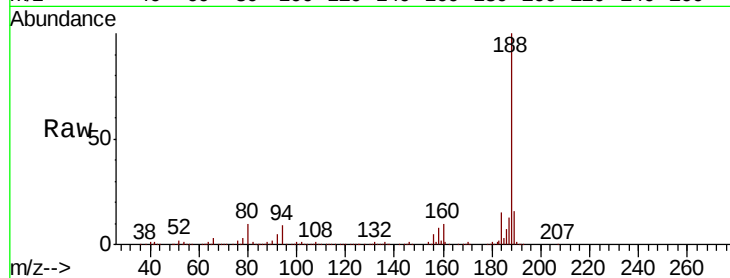




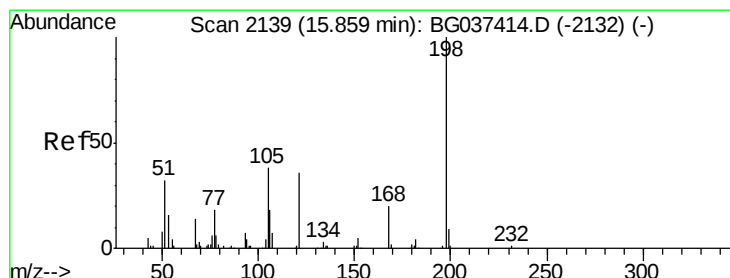
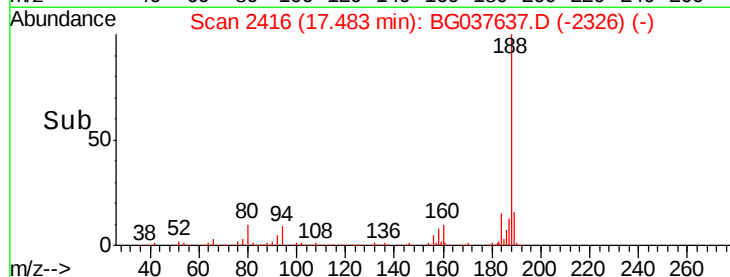
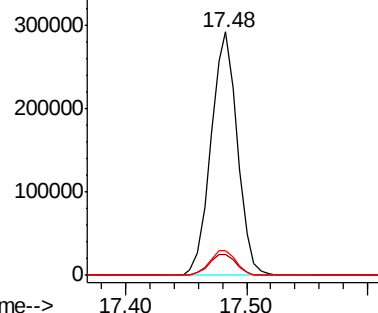
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2416
Delta R.T. -0.00 min
Lab File: BG037637.D
Acq: 30 Oct 2018 00:21

Instrument :
BNA_G
ClientSampleId :

Tot Ion:188 Resp: 445613
Ion Ratio Lower Upper
188 100
94 8.8 7.2 10.8
80 10.1 7.7 11.5

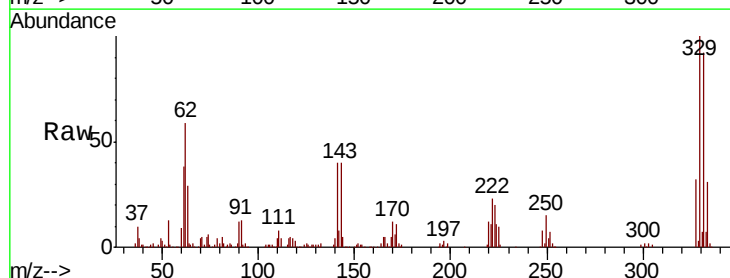


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

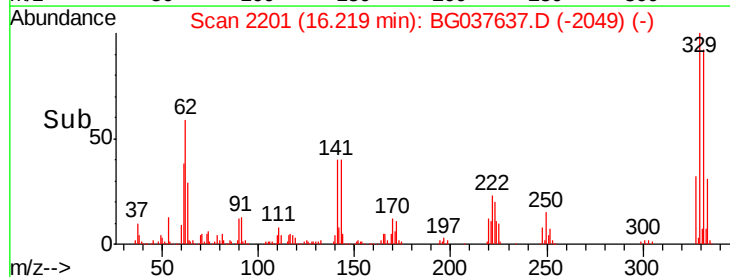
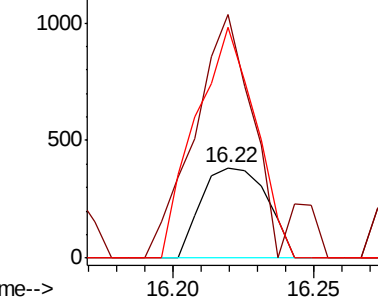


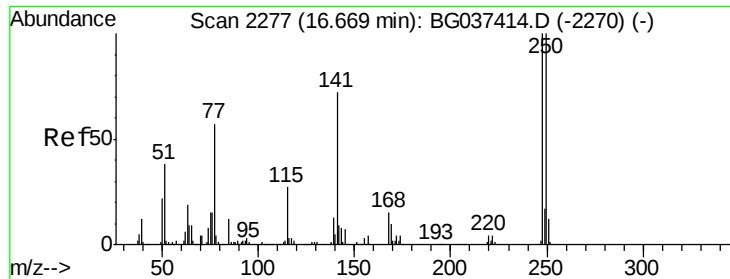
#65
4,6-Dinitro-2-methylphenol
Concen: 8.725 ng
RT: 16.22 min Scan# 2201
Delta R.T. 0.36 min
Lab File: BG037637.D
Acq: 30 Oct 2018 00:21

Tgt Ion:198 Resp: 618
Ion Ratio Lower Upper
198 100
51 33.3 22.7 62.7
105 31.6 19.7 59.7



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

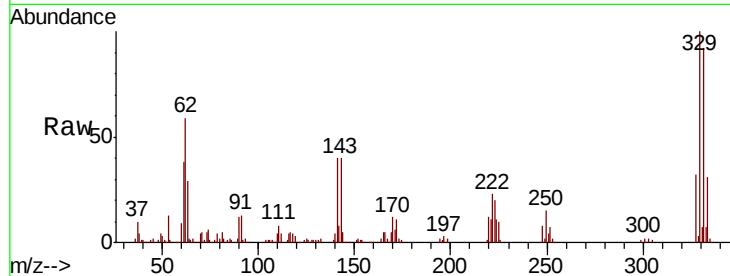




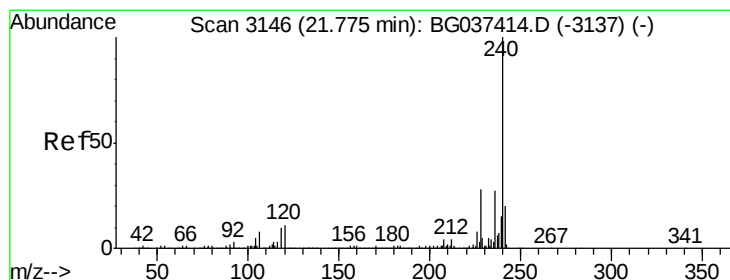
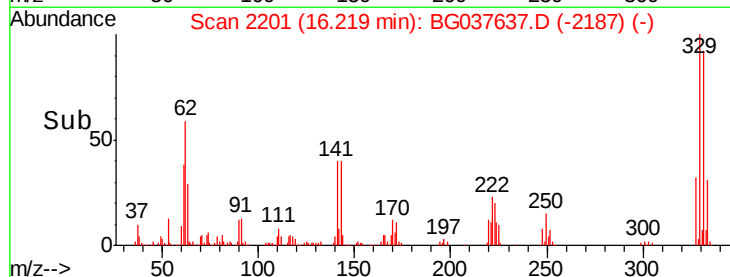
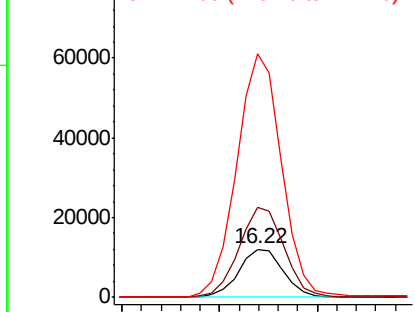
#67
 4-Bromophenyl-phenylether
 Concen: 3.848 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. -0.45 min
 Lab File: BG037637.D
 Acq: 30 Oct 2018 00:21

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 18830
 Ion Ratio Lower Upper
 248 100
 250 190.7 77.0 115.6#
 141 397.5 55.5 83.3#

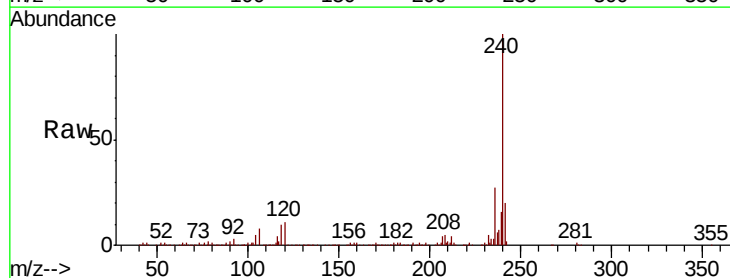


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

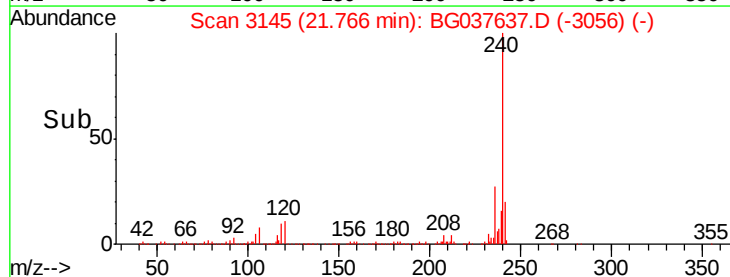
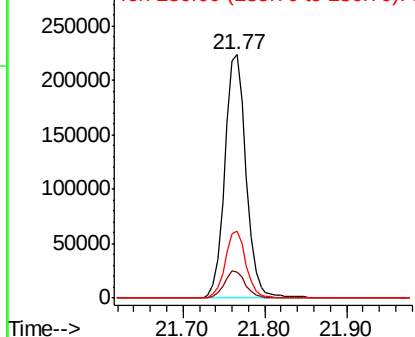


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.77 min Scan# 3145
 Delta R.T. -0.01 min
 Lab File: BG037637.D
 Acq: 30 Oct 2018 00:21

Tgt Ion:240 Resp: 406811
 Ion Ratio Lower Upper
 240 100
 120 10.8 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: 72.999 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037637.D

Acq: 30 Oct 2018 00:21

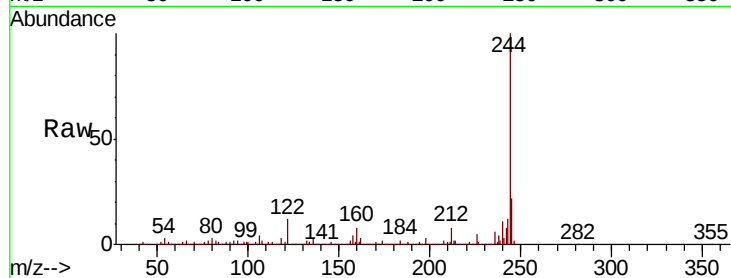
Instrument :

BNA_G

ClientSampled :

Tot Ion:244 Resp: 1389797

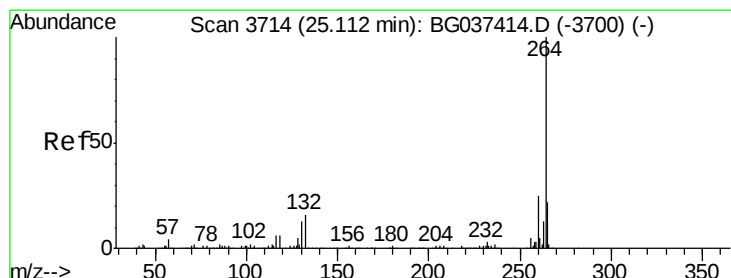
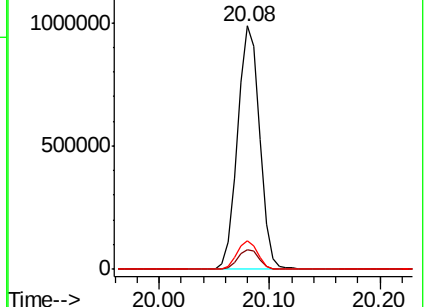
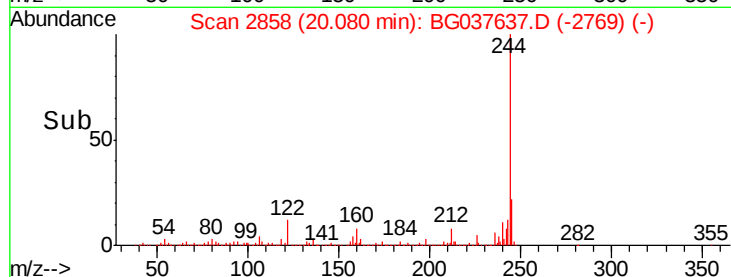
Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.5	9.7
122	11.8	9.0	13.4



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

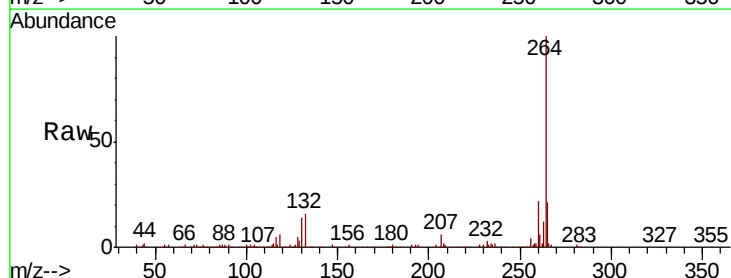
Delta R.T. -0.02 min

Lab File: BG037637.D

Acq: 30 Oct 2018 00:21

Tgt Ion:264 Resp: 404761

Ion	Ratio	Lower	Upper
264	100		
260	22.4	18.2	27.4
265	21.3	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

