

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110118\
 Data File : BG037743.D
 Acq On : 2 Nov 2018 6:55
 Operator : JU/SJ
 Sample : J5200-20
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 02 08:12:42 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

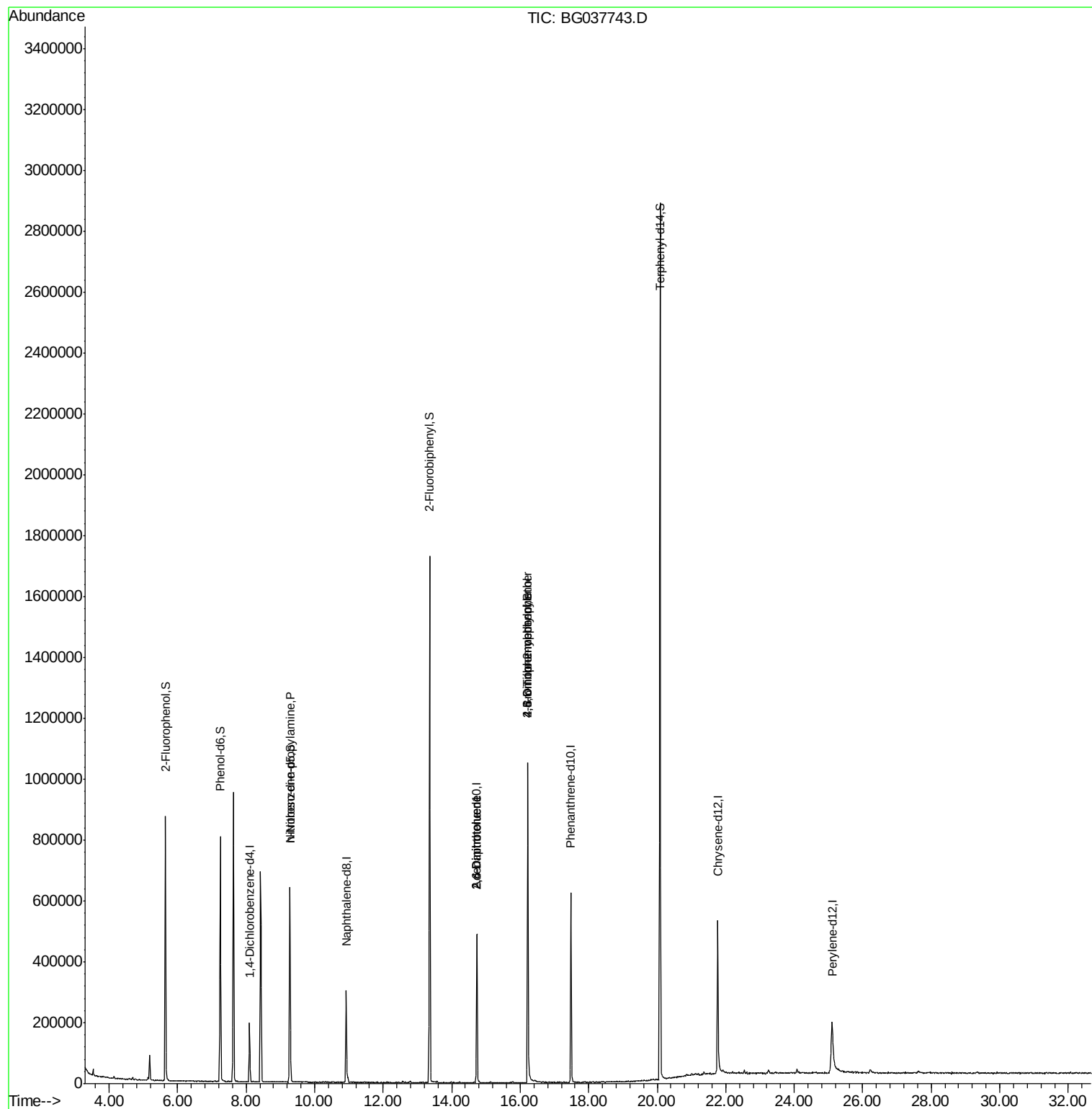
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	61118	20.00	ng	-0.01
21) Naphthalene-d8	10.92	136	278292	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	183164	20.00	ng	-0.01
64) Phenanthrene-d10	17.48	188	397360	20.00	ng	0.00
76) Chrysene-d12	21.76	240	356448	20.00	ng	-0.01
87) Perylene-d12	25.10	264	283912	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	397631	108.77	ng	0.00
7) Phenol-d6	7.25	99	510138	92.28	ng	0.00
23) Nitrobenzene-d5	9.28	82	409099	82.35	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	220450	110.35	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	946595	77.93	ng	-0.01
79) Terphenyl-d14	20.08	244	1432026	85.84	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.28	70	51529	13.537	ng	# 72
51) 2,6-Dinitrotoluene	14.73	165	24038	7.668	ng	# 23
57) 2,4-Dinitrotoluene	14.73	165	24038	5.842	ng	# 23
65) 4,6-Dinitro-2-methylphenol	16.22	198	658	8.767	ng	73
67) 4-Bromophenyl-phenylether	16.22	248	15820	3.625	ng	# 1

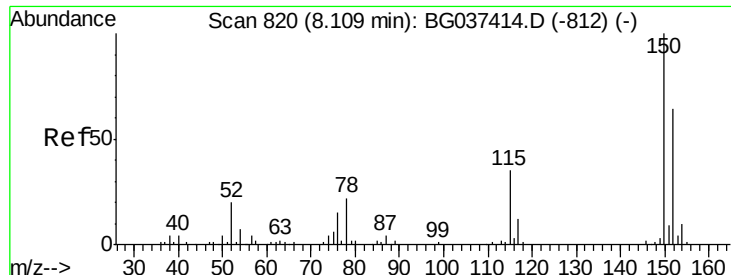
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
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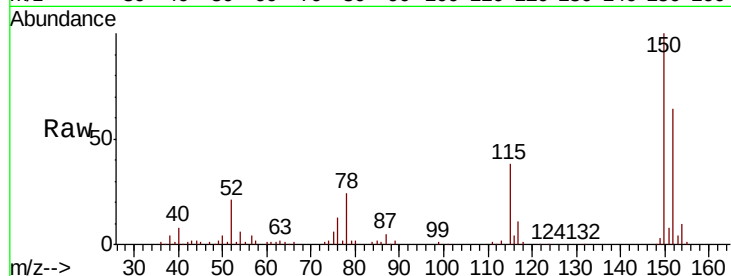




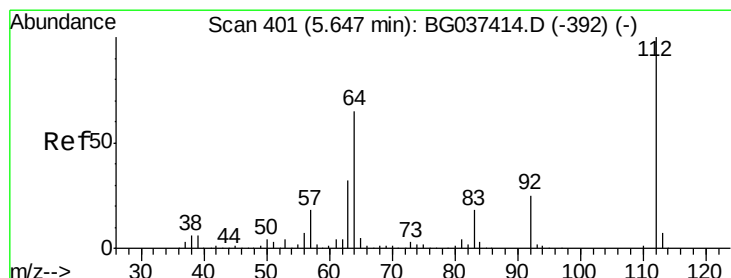
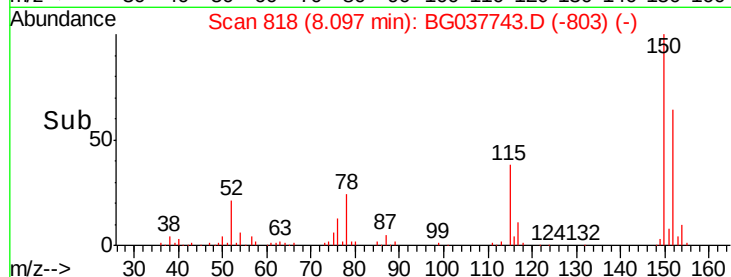
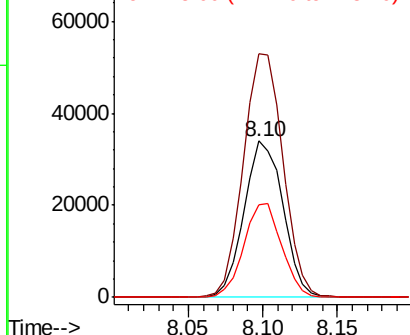
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.10 min Scan# 818
 Delta R.T. -0.01 min
 Lab File: BG037743.D
 Acq: 2 Nov 2018 6:55

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:152 Resp: 61118
 Ion Ratio Lower Upper
 152 100
 150 155.8 126.0 189.0
 115 58.9 45.5 68.3

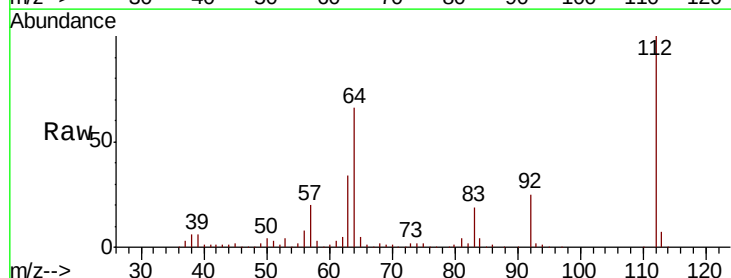


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

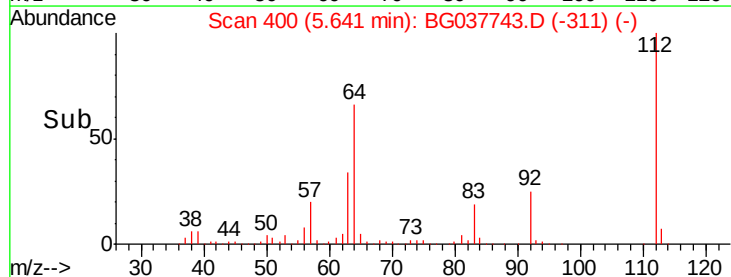
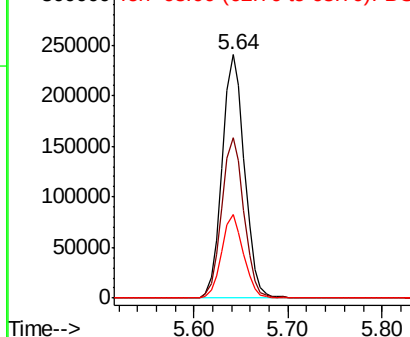


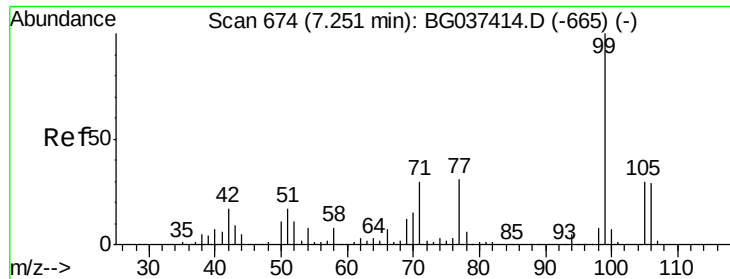
#5
 2-Fluorophenol
 Concen: 108.770 ng
 RT: 5.64 min Scan# 400
 Delta R.T. -0.01 min
 Lab File: BG037743.D
 Acq: 2 Nov 2018 6:55

Tgt Ion:112 Resp: 397631
 Ion Ratio Lower Upper
 112 100
 64 66.1 53.1 79.7
 63 34.2 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: 92.285 ng

RT: 7.25 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037743.D

Acq: 2 Nov 2018 6:55

Instrument :

BNA_G

ClientSampleId :

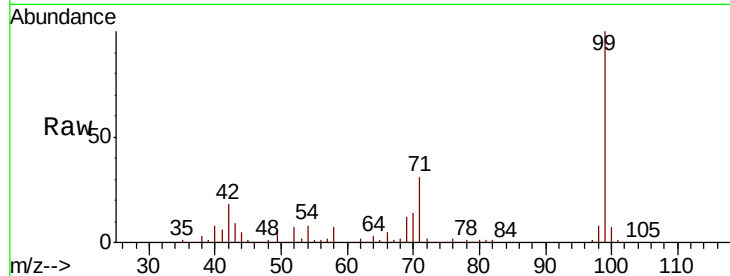
Tot Ion: 99 Resp: 510138

Ion Ratio Lower Upper

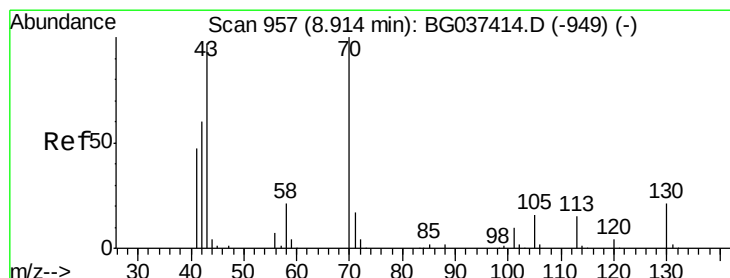
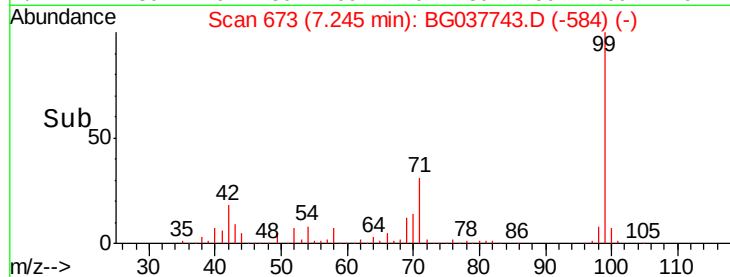
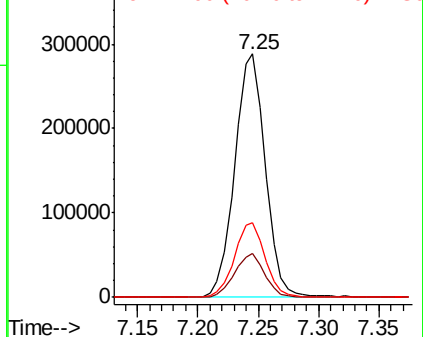
99 100

42 18.0 15.0 22.4

71 30.8 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: 13.537 ng

RT: 9.28 min Scan# 1019

Delta R.T. 0.36 min

Lab File: BG037743.D

Acq: 2 Nov 2018 6:55

Tgt Ion: 70 Resp: 51529

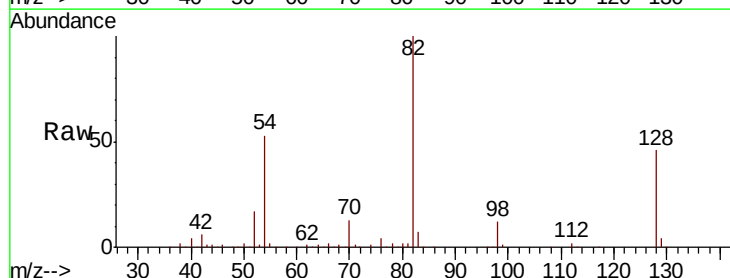
Ion Ratio Lower Upper

70 100

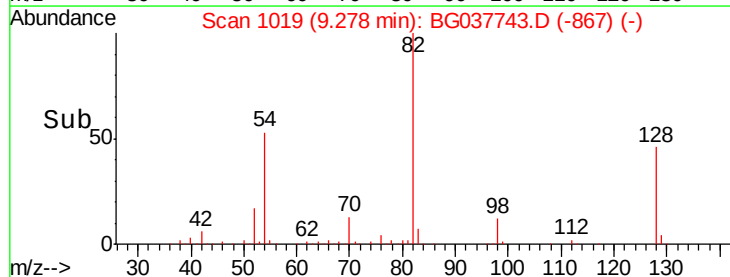
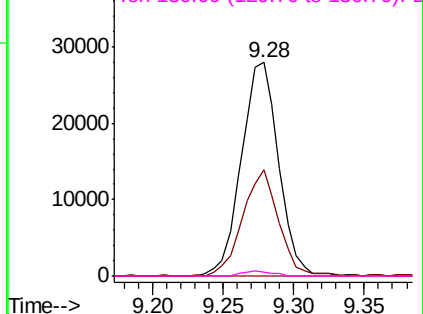
42 49.6 53.9 80.9#

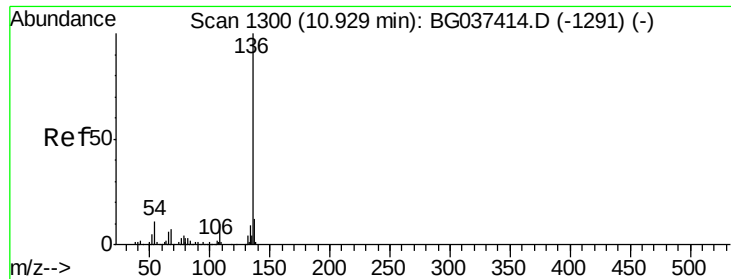
101 0.0 8.2 12.2#

130 1.7 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

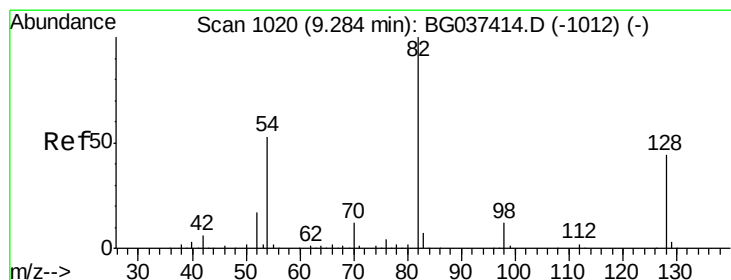
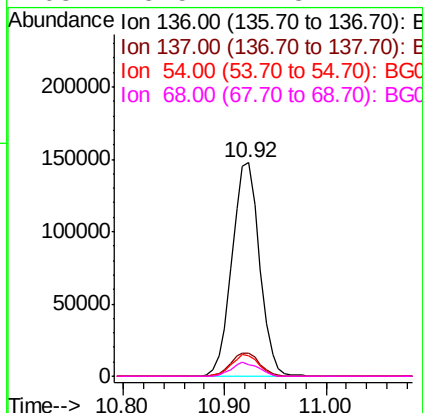
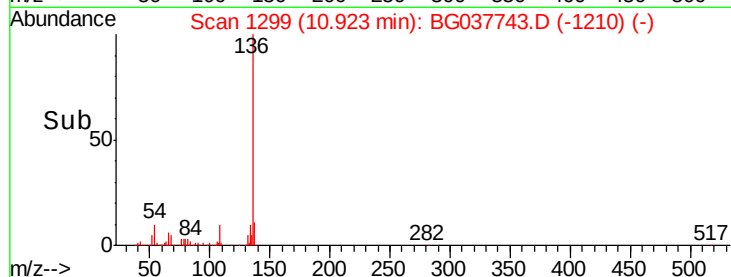
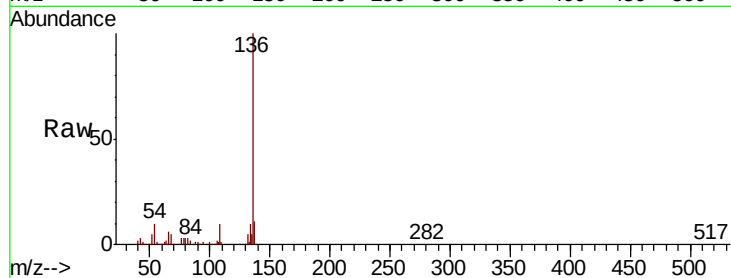




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG037743.D
Acq: 2 Nov 2018 6:55

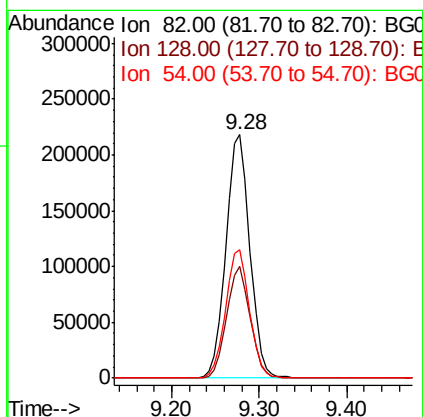
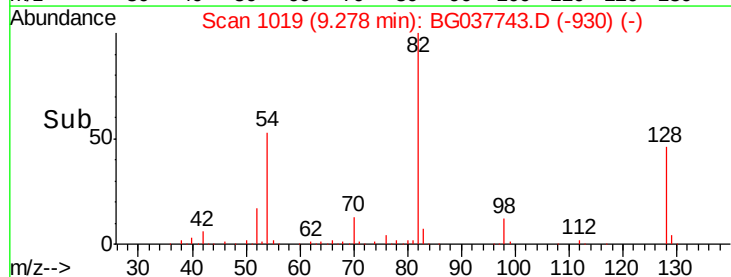
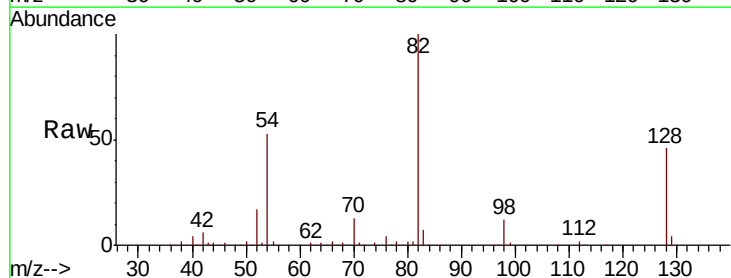
Instrument :
BNA_G
ClientSampleId :

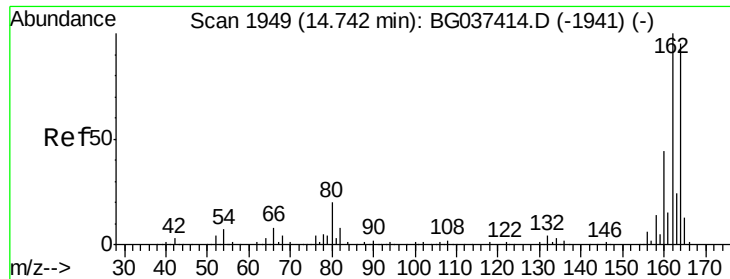
Tot Ion:136	Resp:	278292
Ion Ratio	Lower	Upper
136	100	
137	10.6	9.6 14.4
54	9.9	7.9 11.9
68	5.5	4.8 7.2



#23
Nitrobenzene-d5
Concen: 82.350 ng
RT: 9.28 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG037743.D
Acq: 2 Nov 2018 6:55

Tgt Ion: 82	Resp:	409099
Ion Ratio	Lower	Upper
82	100	
128	45.9	34.6 51.8
54	52.9	45.3 67.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.73 min Scan# 1947

Delta R.T. -0.01 min

Lab File: BG037743.D

Acq: 2 Nov 2018 6:55

Instrument :

BNA_G

ClientSampleId :

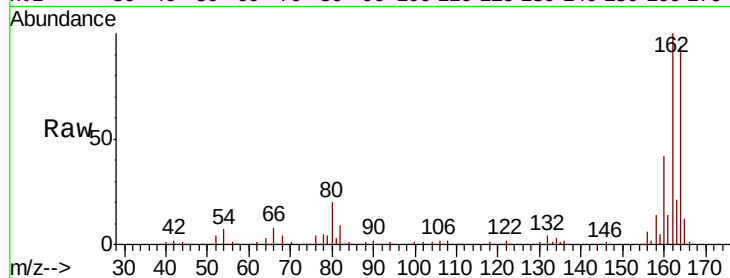
Tot Ion:164 Resp: 183164

Ion Ratio Lower Upper

164 100

162 106.7 81.3 121.9

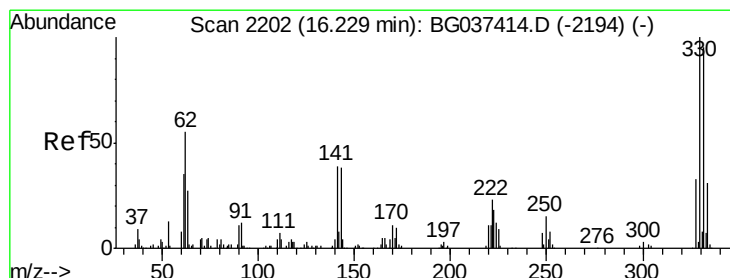
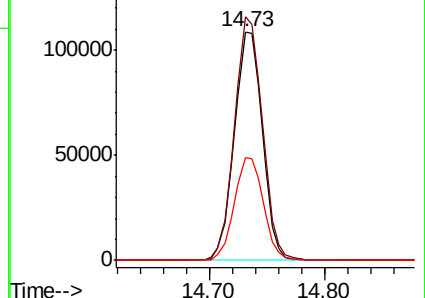
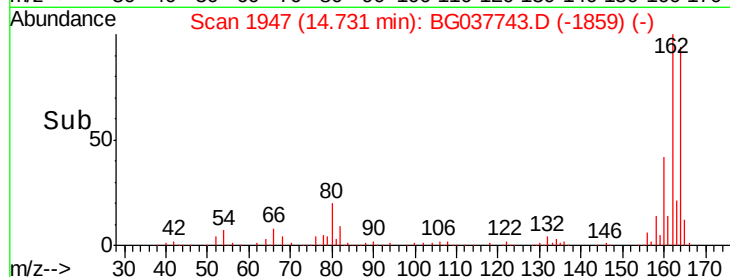
160 45.3 36.3 54.5



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: 110.349 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG037743.D

Acq: 2 Nov 2018 6:55

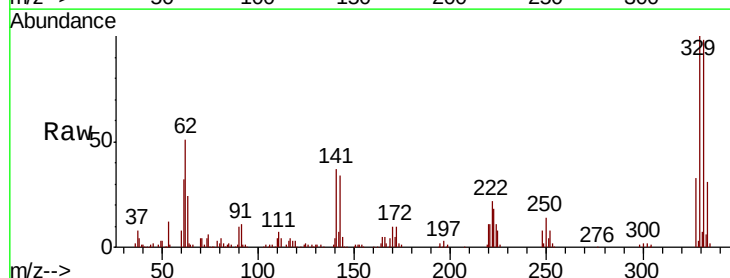
Tgt Ion:330 Resp: 220450

Ion Ratio Lower Upper

330 100

332 93.8 78.4 117.6

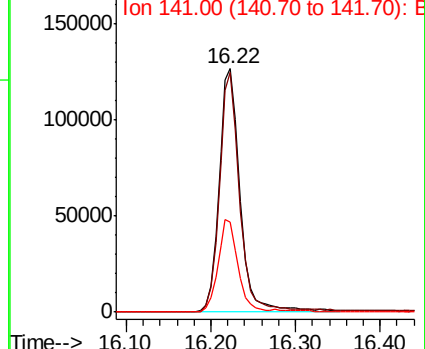
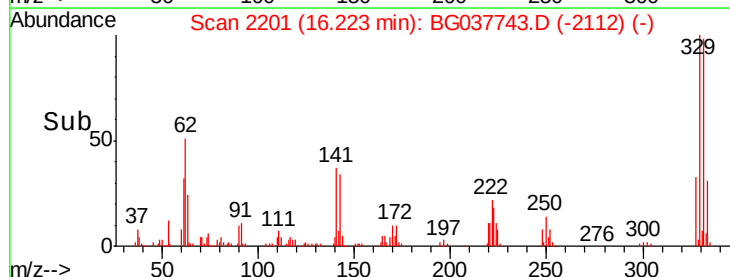
141 36.1 32.2 48.2

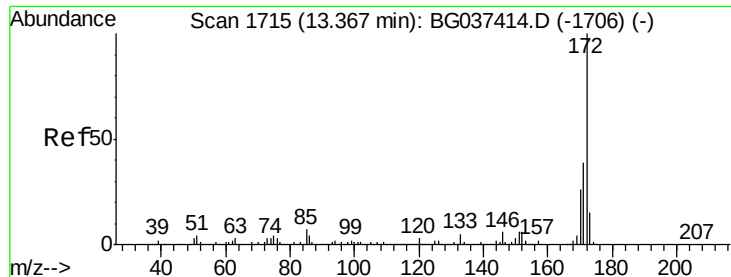


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

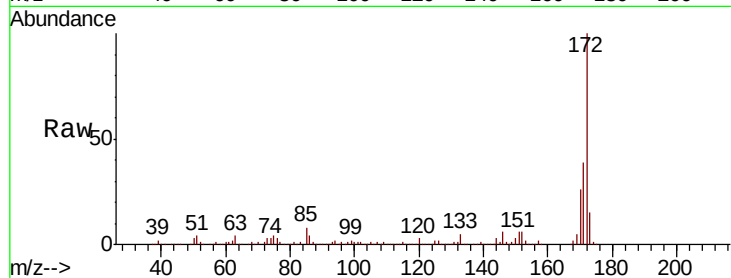




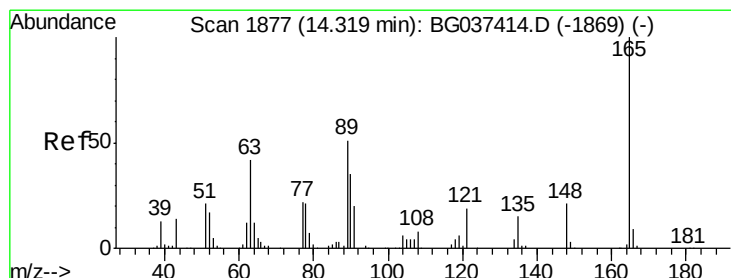
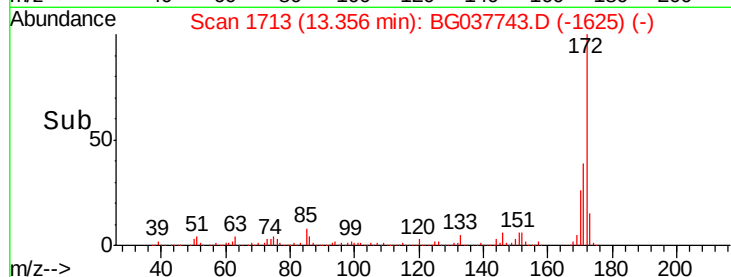
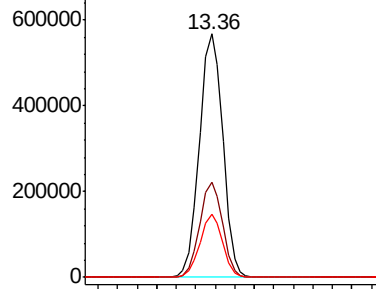
#45
2-Fluorobiphenyl
Concen: 77.931 ng
RT: 13.36 min Scan# 1713
Delta R.T. -0.01 min
Lab File: BG037743.D
Acq: 2 Nov 2018 6:55

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	39.3	31.0	46.4
170	25.8	20.2	30.2

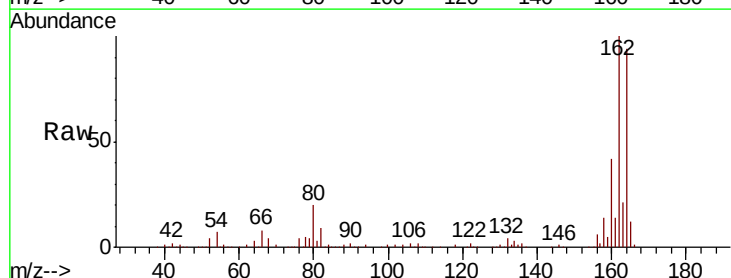


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

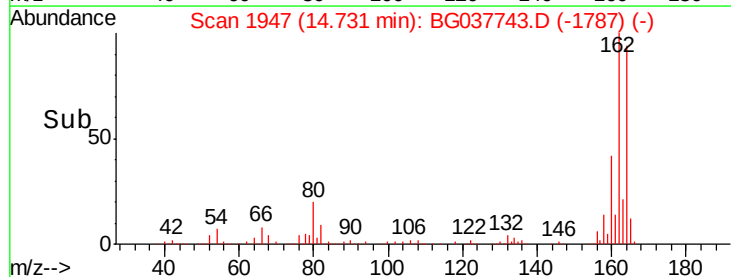
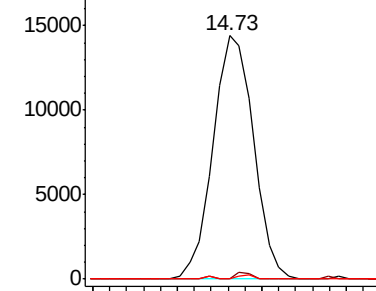


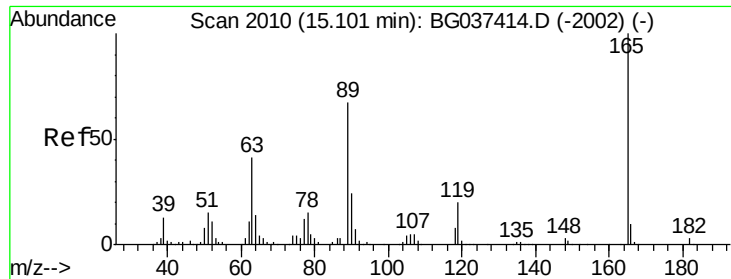
#51
2,6-Dinitrotoluene
Concen: 7.668 ng
RT: 14.73 min Scan# 1947
Delta R.T. 0.41 min
Lab File: BG037743.D
Acq: 2 Nov 2018 6:55

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	43.4	65.2#
89	0.0	45.8	68.6#



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

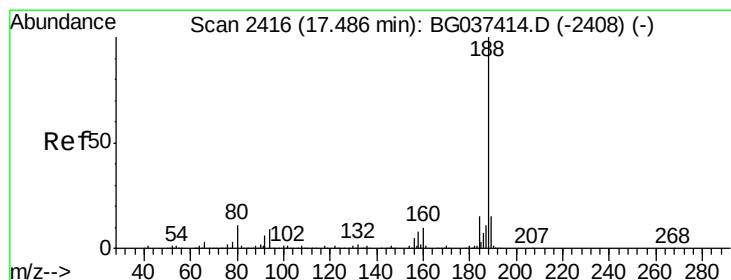
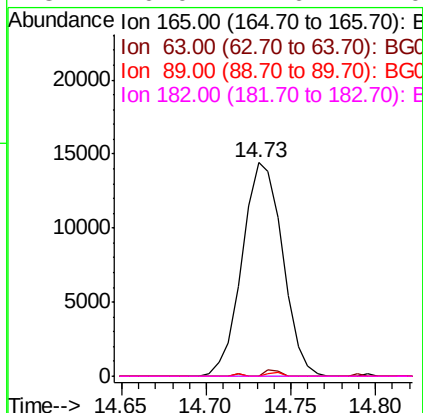
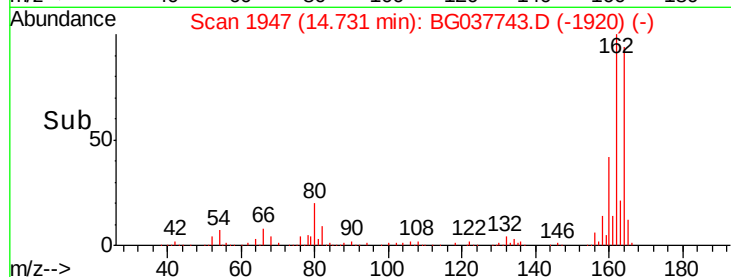
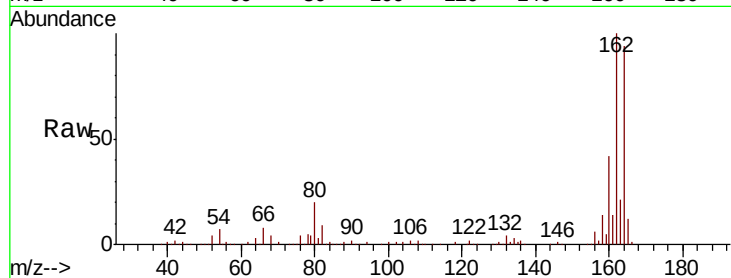




#57
 2,4-Dinitrotoluene
 Concen: 5.842 ng
 RT: 14.73 min Scan# 1947
 Delta R.T. -0.37 min
 Lab File: BG037743.D
 Acq: 2 Nov 2018 6:55

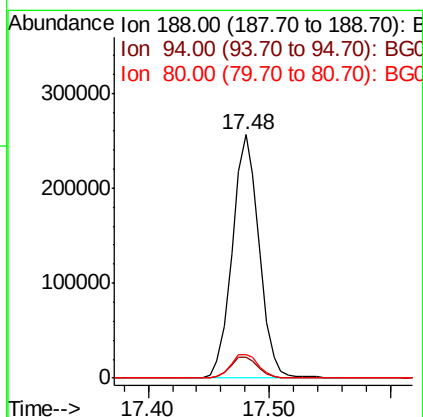
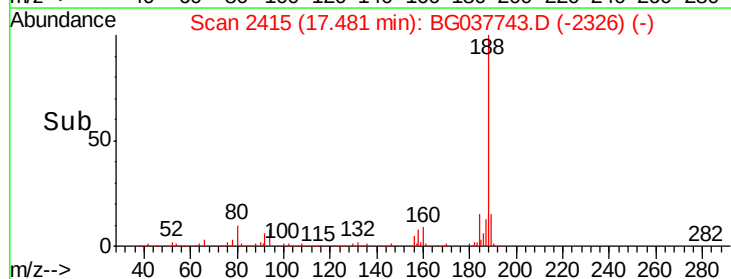
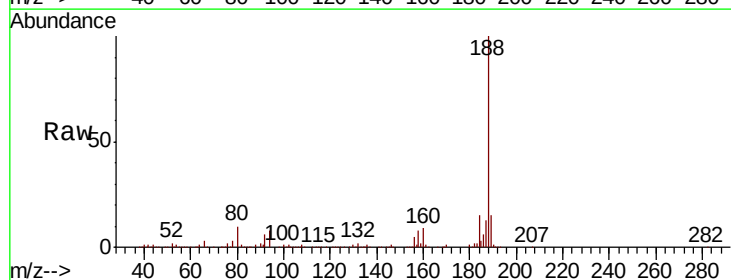
Instrument :
 BNA_G
 ClientSampleId :

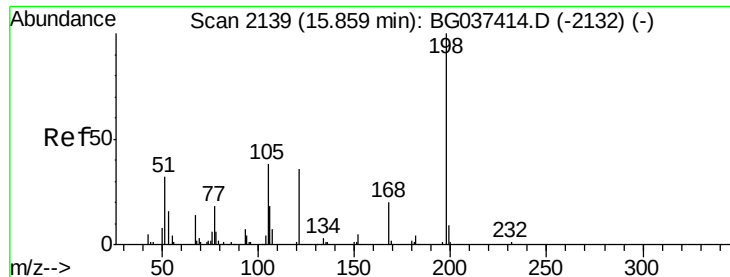
Tot Ion:	165	Resp:	24038
Ion	Ratio	Lower	Upper
165	100		
63	0.0	33.4	50.0#
89	0.0	57.2	85.8#
182	0.0	2.6	4.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.48 min Scan# 2415
 Delta R.T. -0.01 min
 Lab File: BG037743.D
 Acq: 2 Nov 2018 6:55

Tgt Ion:	188	Resp:	397360
Ion	Ratio	Lower	Upper
188	100		
94	8.4	7.2	10.8
80	9.9	7.7	11.5

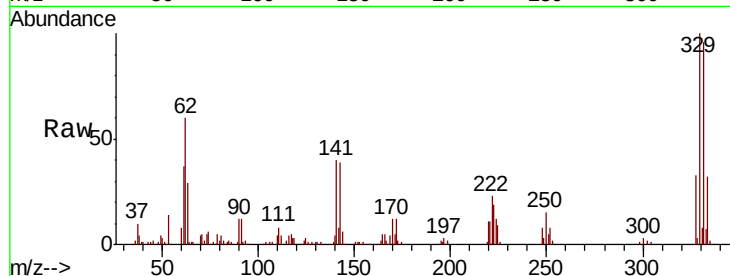




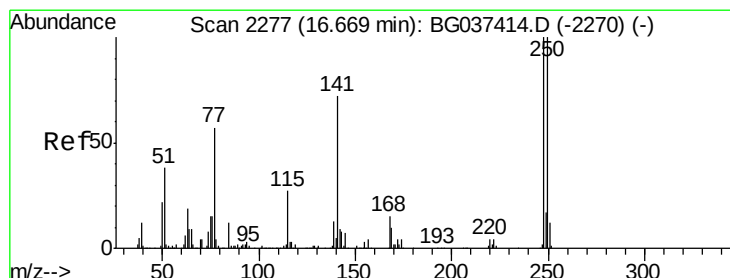
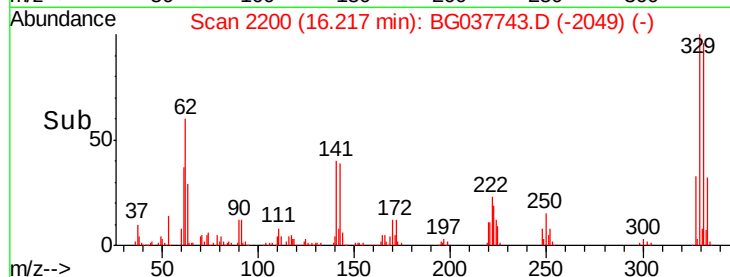
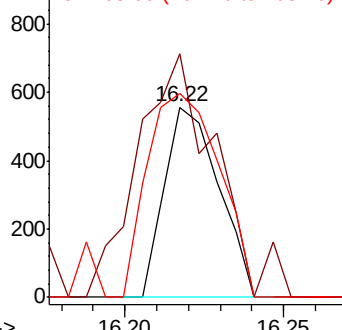
#65
 4,6-Dinitro-2-methylphenol
 Concen: 8.767 ng
 RT: 16.22 min Scan# 2200
 Delta R.T. 0.36 min
 Lab File: BG037743.D
 Acq: 2 Nov 2018 6:55

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:198 Resp: 658
 Ion Ratio Lower Upper
 198 100
 51 26.7 22.7 62.7
 105 22.4 19.7 59.7

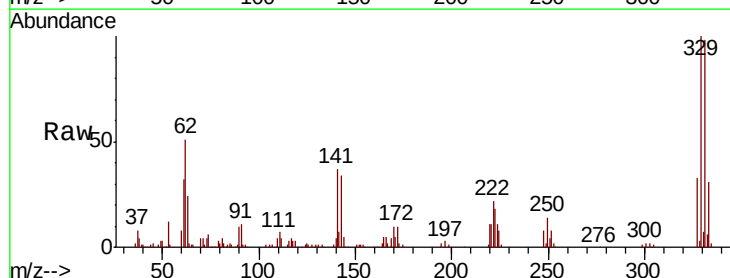


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

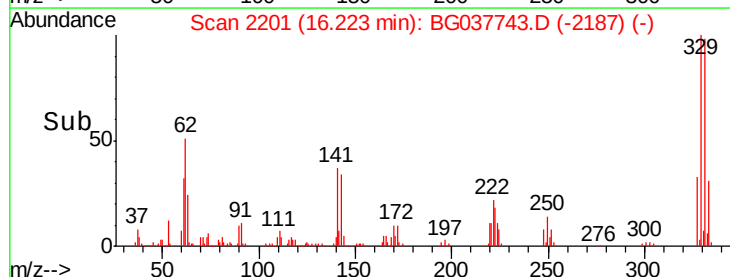
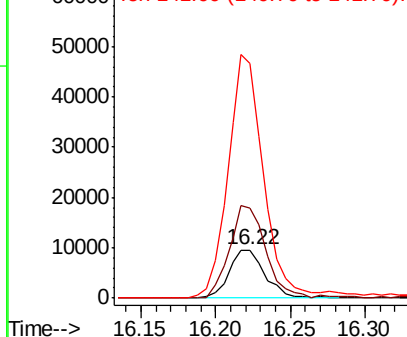


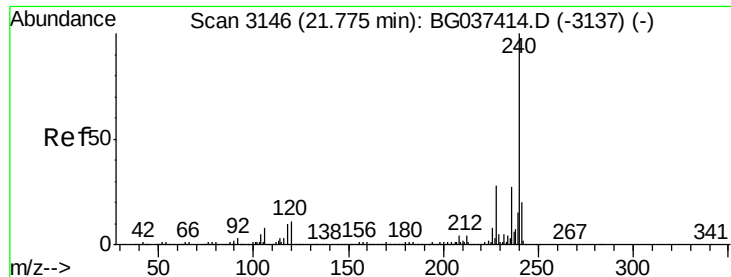
#67
 4-Bromophenyl-phenylether
 Concen: 3.625 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. -0.45 min
 Lab File: BG037743.D
 Acq: 2 Nov 2018 6:55

Tgt Ion:248 Resp: 15820
 Ion Ratio Lower Upper
 248 100
 250 189.8 77.0 115.6#
 141 382.3 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

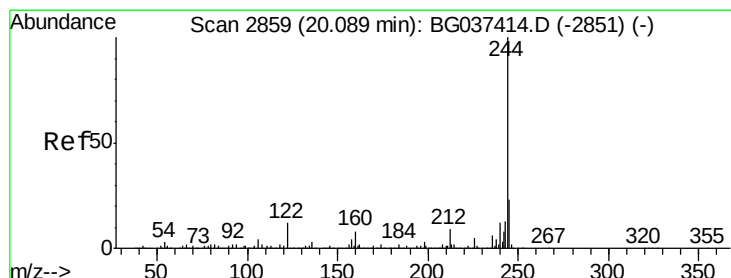
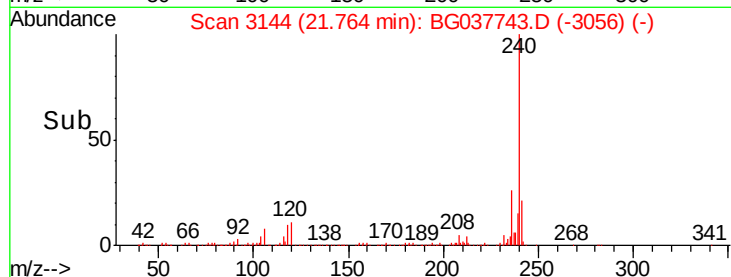
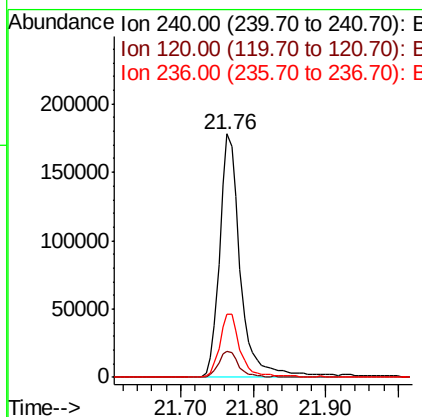
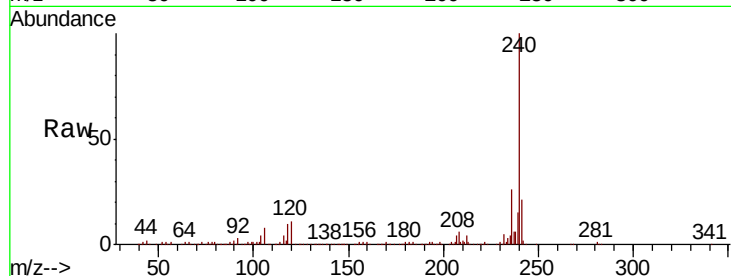




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3144
Delta R.T. -0.01 min
Lab File: BG037743.D
Acq: 2 Nov 2018 6:55

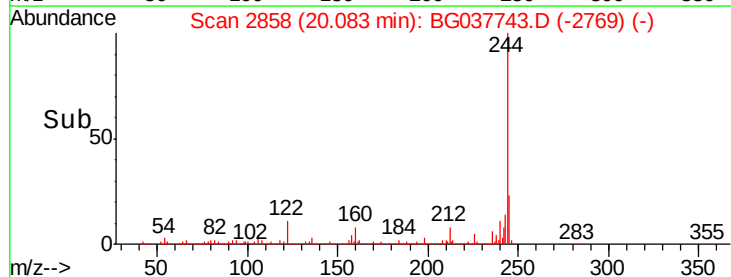
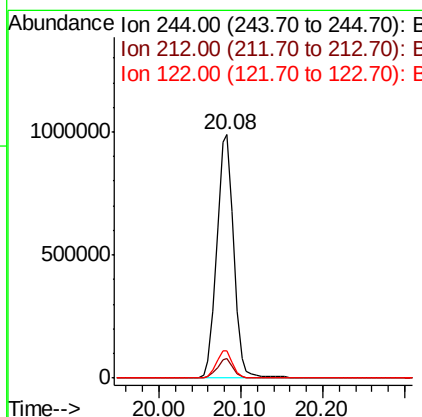
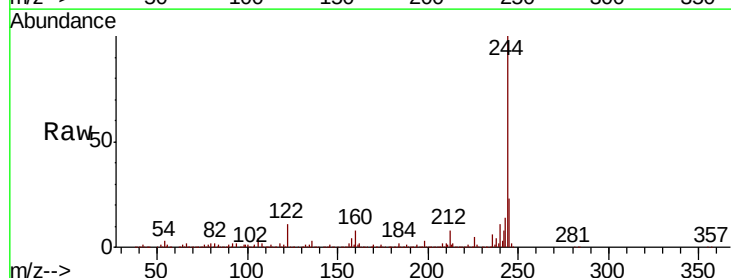
Instrument :
BNA_G
ClientSampleId :

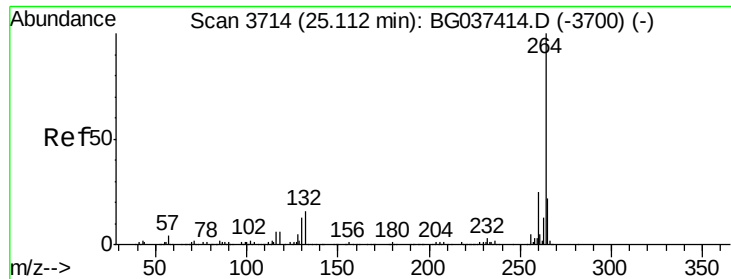
Tot Ion:240 Resp: 356448
Ion Ratio Lower Upper
240 100
120 10.8 8.1 12.1
236 26.1 21.4 32.0



#79
Terphenyl-d14
Concen: 85.844 ng
RT: 20.08 min Scan# 2858
Delta R.T. -0.01 min
Lab File: BG037743.D
Acq: 2 Nov 2018 6:55

Tgt Ion:244 Resp: 1432026
Ion Ratio Lower Upper
244 100
212 8.0 6.5 9.7
122 11.1 9.0 13.4





#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.10 min Scan# 3712
Delta R.T. -0.01 min
Lab File: BG037743.D
Acq: 2 Nov 2018 6:55

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.2	27.4
265	21.3	17.9	26.9

