

Data File : BG037814.D
Acq On : 5 Nov 2018 22:20
Operator : JU/SJ
Sample : J5794-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-12B-S

Quant Time: Nov 06 04:17:59 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

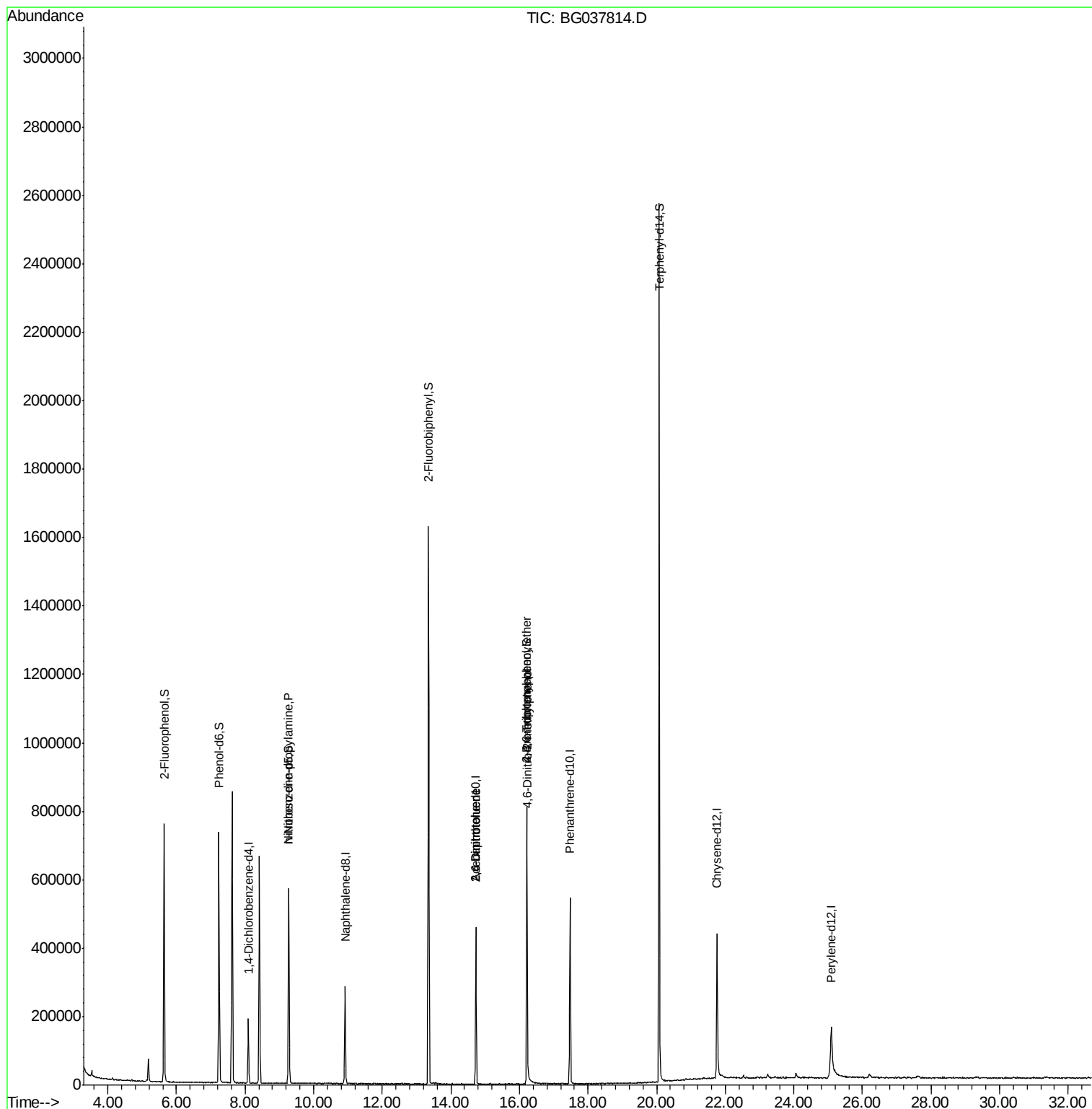
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	56486	20.00	ng	-0.01
21) Naphthalene-d8	10.92	136	254976	20.00	ng	-0.01
39) Acenaphthene-d10	14.73	164	168483	20.00	ng	-0.01
64) Phenanthrene-d10	17.48	188	368939	20.00	ng	0.00
76) Chrysene-d12	21.76	240	325584	20.00	ng	-0.01
87) Perylene-d12	25.10	264	241829	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	361986	107.14	ng	0.00
7) Phenol-d6	7.24	99	471035	92.20	ng	-0.01
23) Nitrobenzene-d5	9.27	82	365832	80.37	ng	-0.01
42) 2,4,6-Tribromophenol	16.22	330	166855	90.80	ng	-0.01
45) 2-Fluorobiphenyl	13.35	172	912068	81.63	ng	-0.02
79) Terphenyl-d14	20.08	244	1301453	85.41	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.27	70	45445	12.918	ng	# 71
51) 2,6-Dinitrotoluene	14.73	165	21177	7.344	ng	# 23
57) 2,4-Dinitrotoluene	14.73	165	21177	5.595	ng	# 23
65) 4,6-Dinitro-2-methylphenol	16.23	198	498	8.719	ng	77
67) 4-Bromophenyl-phenylether	16.22	248	11997	2.961	ng	# 1

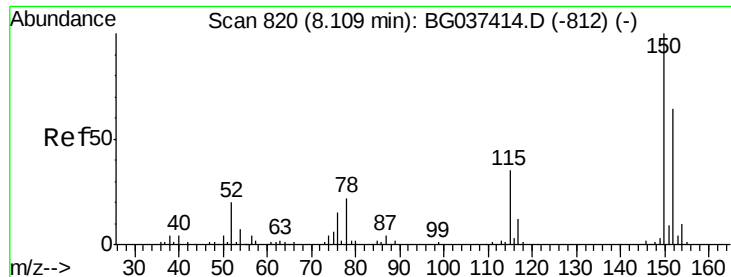
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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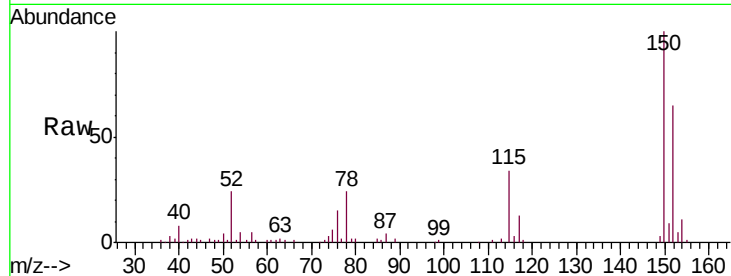




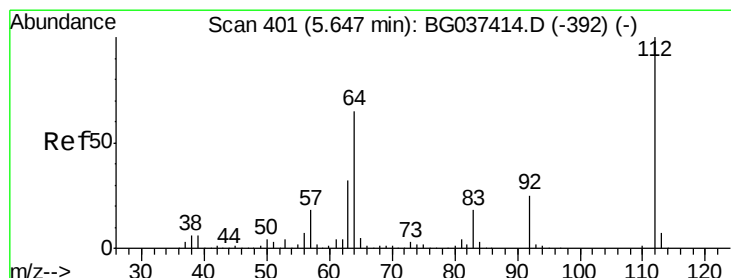
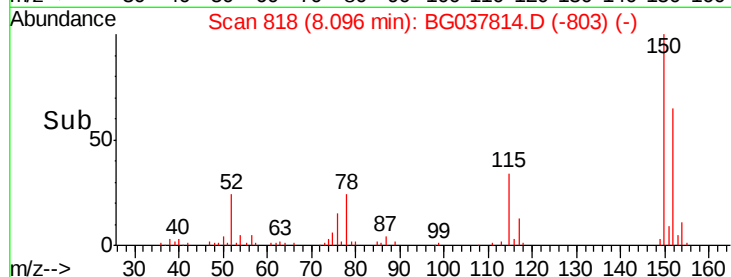
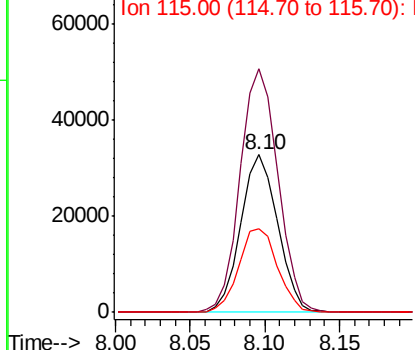
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.10 min Scan# 818
 Delta R.T. -0.01 min
 Lab File: BG037814.D
 Acq: 5 Nov 2018 22:20

Instrument :
 BNA_G
 ClientSampleId :
 TP-12B-S

Tgt Ion:152 Resp: 56486
 Ion Ratio Lower Upper
 152 100
 150 154.7 126.0 189.0
 115 52.9 45.5 68.3

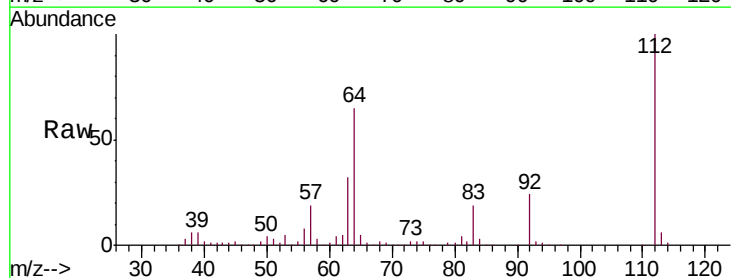


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

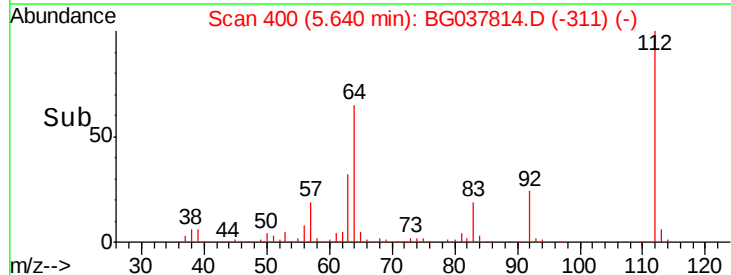
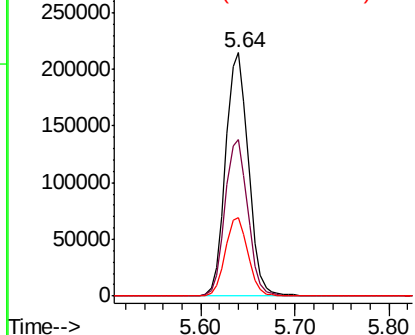


#5
 2-Fluorophenol
 Concen: 107.139 ng
 RT: 5.64 min Scan# 400
 Delta R.T. -0.01 min
 Lab File: BG037814.D
 Acq: 5 Nov 2018 22:20

Tgt Ion:112 Resp: 361986
 Ion Ratio Lower Upper
 112 100
 64 64.5 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: 92.198 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.01 min

Lab File: BG037814.D

Acq: 5 Nov 2018 22:20

Instrument :

BNA_G

ClientSampleId :

TP-12B-S

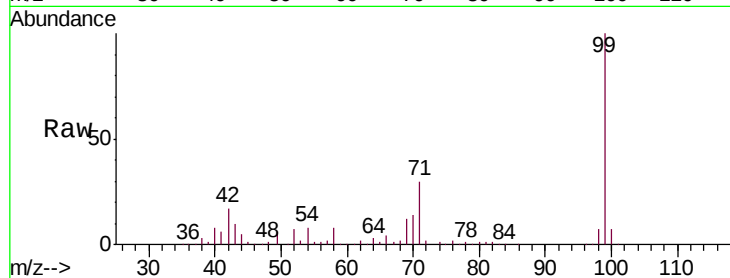
Tgt Ion: 99 Resp: 471035

Ion Ratio Lower Upper

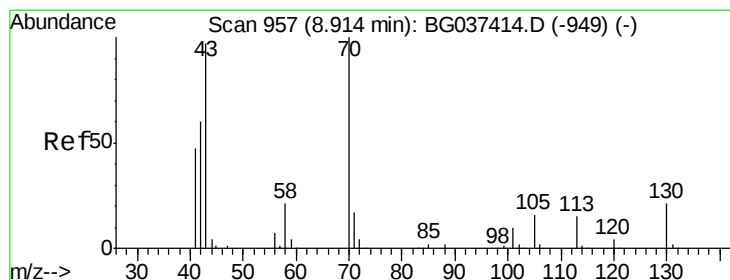
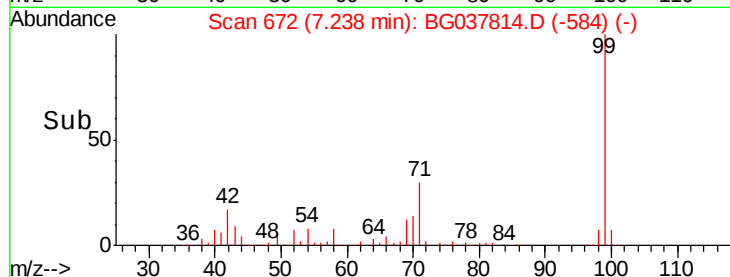
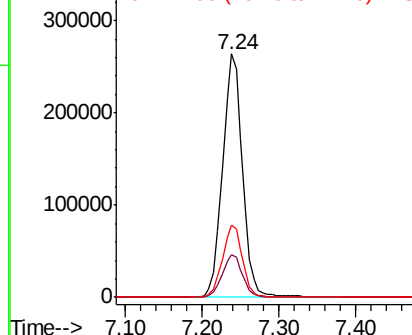
99 100

42 17.4 15.0 22.4

71 29.8 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: 12.918 ng

RT: 9.27 min Scan# 1018

Delta R.T. 0.36 min

Lab File: BG037814.D

Acq: 5 Nov 2018 22:20

Tgt Ion: 70 Resp: 45445

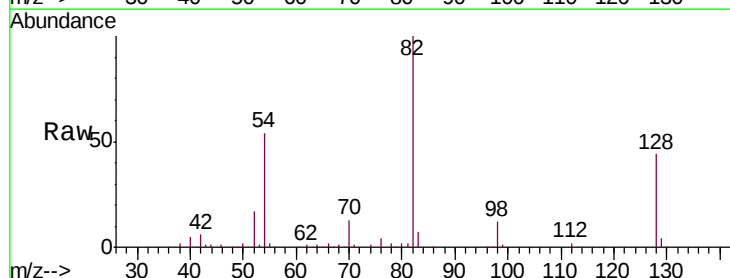
Ion Ratio Lower Upper

70 100

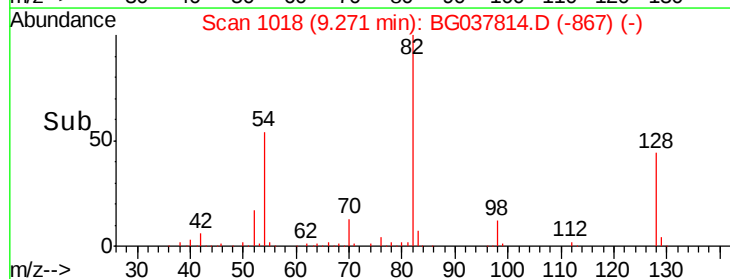
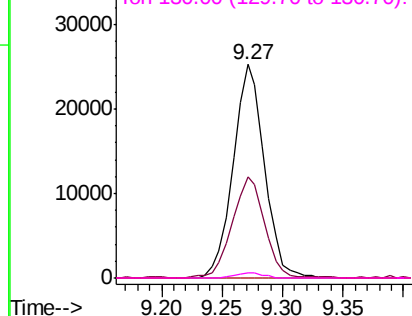
42 47.6 53.9 80.9#

101 0.0 8.2 12.2#

130 2.7 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

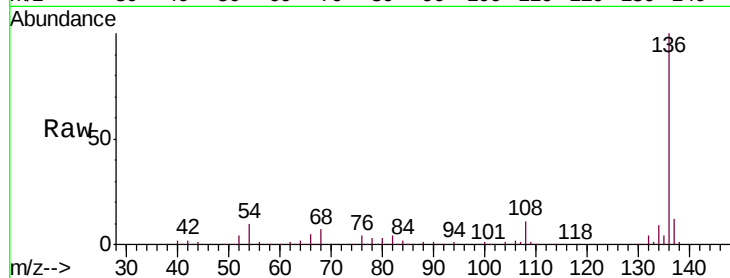




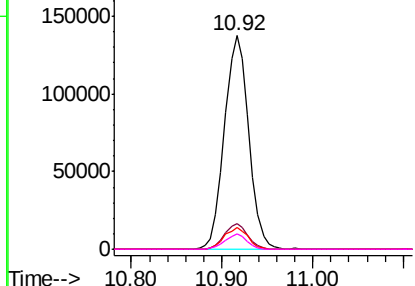
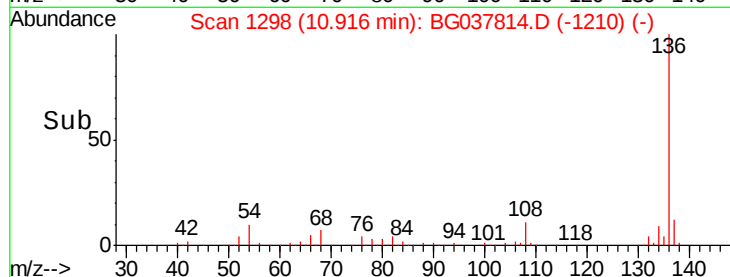
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BG037814.D
Acq: 5 Nov 2018 22:20

Instrument :
BNA_G
ClientSampleId :
TP-12B-S

Tgt Ion:	136	Resp:	254976
Ion	Ratio	Lower	Upper
136	100		
137	12.0	9.6	14.4
54	9.9	7.9	11.9
68	7.0	4.8	7.2

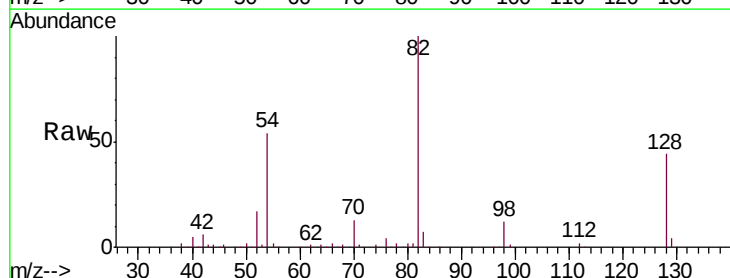


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

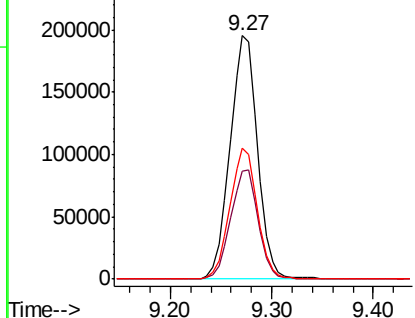
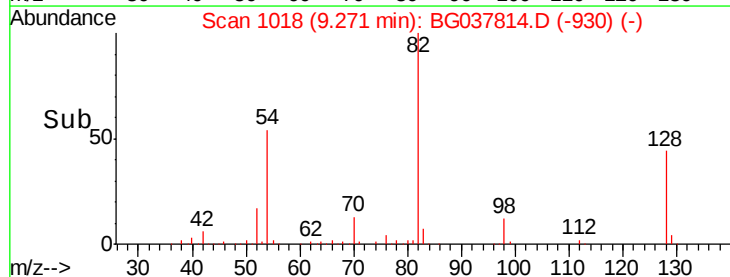


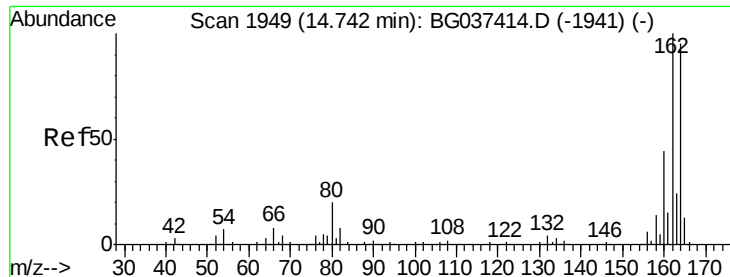
#23
Nitrobenzene-d5
Concen: 80.374 ng
RT: 9.27 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BG037814.D
Acq: 5 Nov 2018 22:20

Tgt Ion:	82	Resp:	365832
Ion	Ratio	Lower	Upper
82	100		
128	44.3	34.6	51.8
54	53.7	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# 1947

Delta R.T. -0.01 min

Lab File: BG037814.D

Acq: 5 Nov 2018 22:20

Instrument :

BNA_G

ClientSampleId :

TP-12B-S

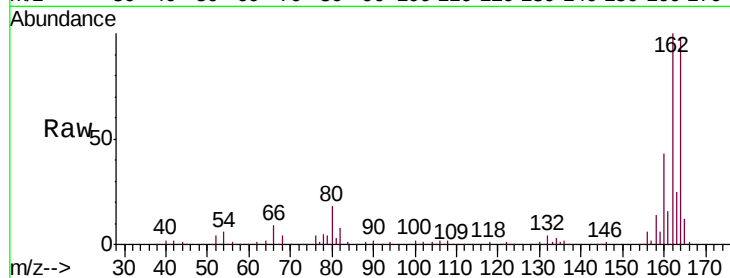
Tgt Ion:164 Resp: 168483

Ion Ratio Lower Upper

164 100

162 102.4 81.3 121.9

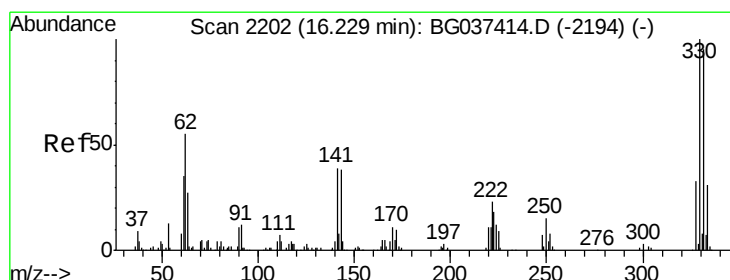
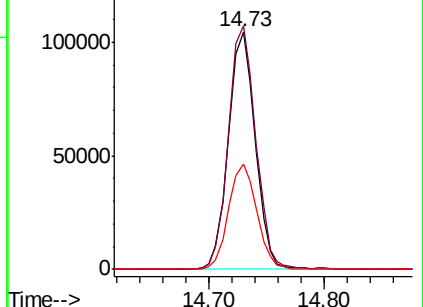
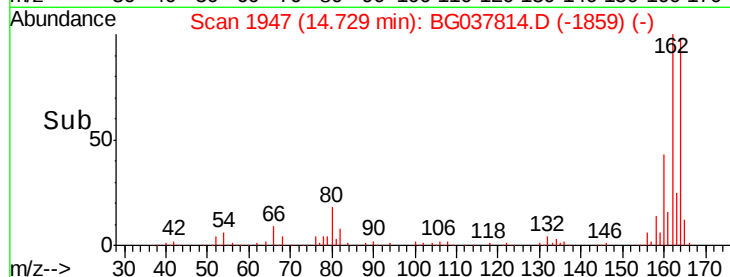
160 44.3 36.3 54.5



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: 90.799 ng

RT: 16.22 min Scan# 2200

Delta R.T. -0.01 min

Lab File: BG037814.D

Acq: 5 Nov 2018 22:20

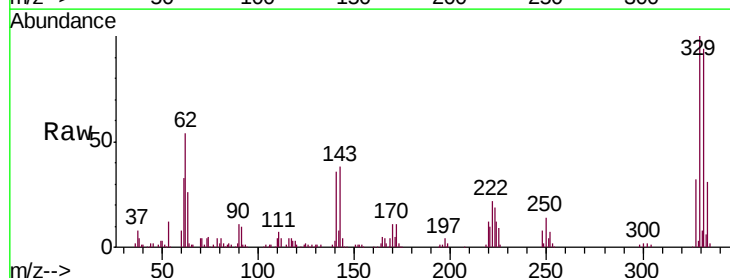
Tgt Ion:330 Resp: 166855

Ion Ratio Lower Upper

330 100

332 96.0 78.4 117.6

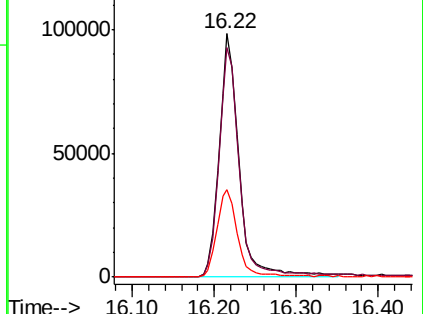
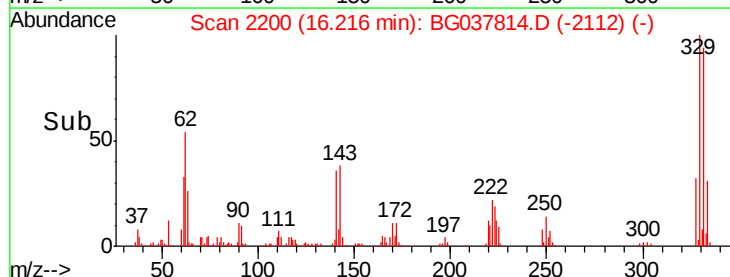
141 37.7 32.2 48.2



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

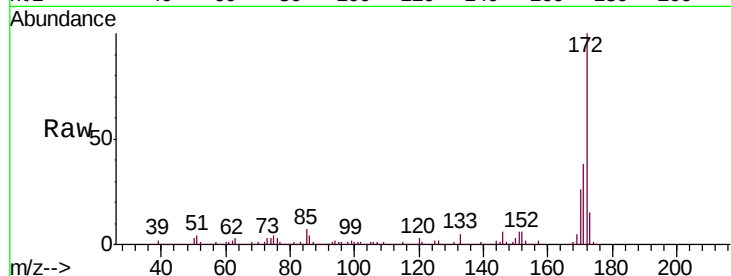




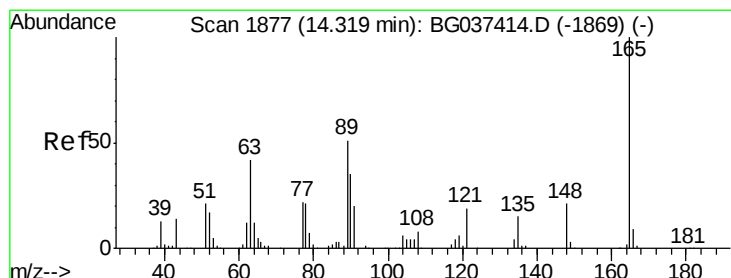
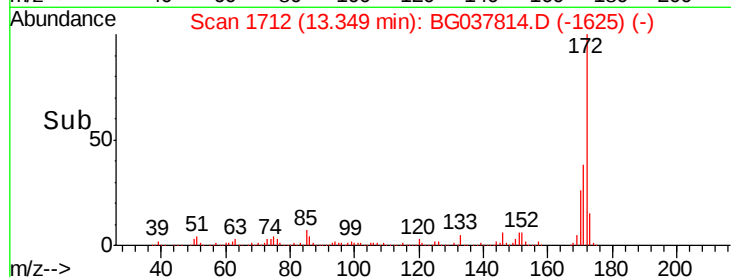
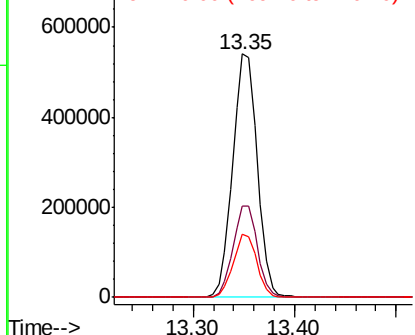
#45
 2-Fluorobiphenyl
 Concen: 81.631 ng
 RT: 13.35 min Scan# 1712
 Delta R.T. -0.02 min
 Lab File: BG037814.D
 Acq: 5 Nov 2018 22:20

Instrument :
 BNA_G
 ClientSampleId :
 TP-12B-S

Tgt Ion:172 Resp: 912068
 Ion Ratio Lower Upper
 172 100
 171 37.5 31.0 46.4
 170 25.7 20.2 30.2

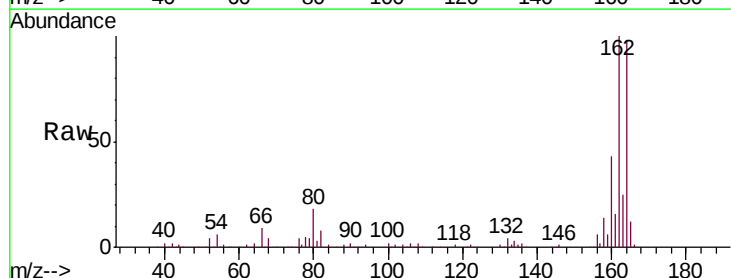


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

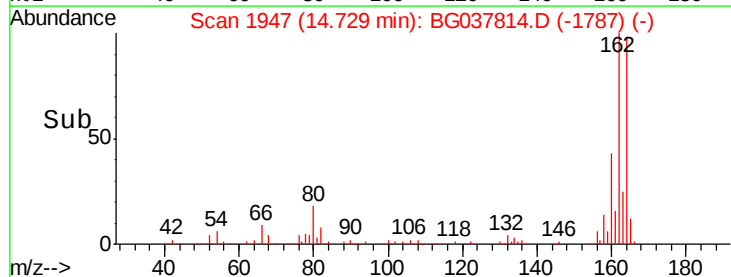
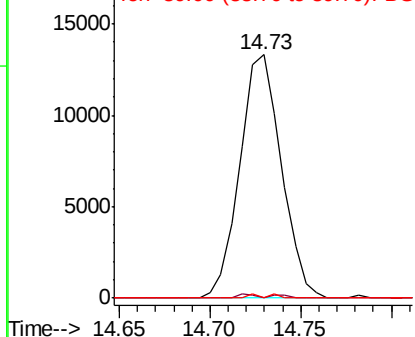


#51
 2,6-Dinitrotoluene
 Concen: 7.344 ng
 RT: 14.73 min Scan# 1947
 Delta R.T. 0.41 min
 Lab File: BG037814.D
 Acq: 5 Nov 2018 22:20

Tgt Ion:165 Resp: 21177
 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): BGC
 Ion 89.00 (88.70 to 89.70): BGC

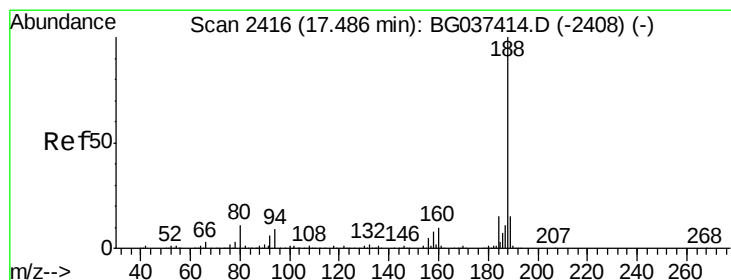
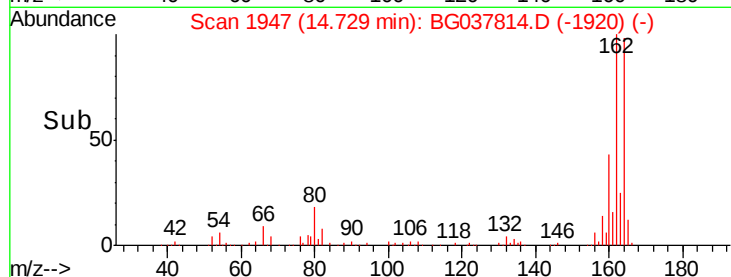
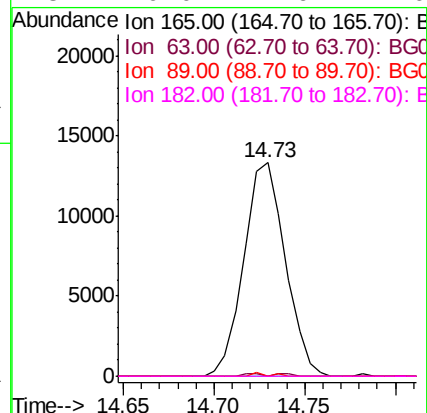
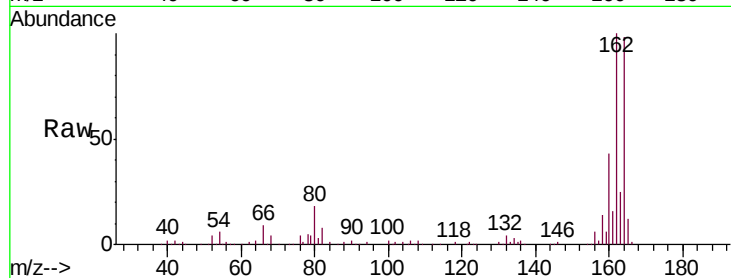




#57
 2,4-Dinitrotoluene
 Concen: 5.595 ng
 RT: 14.73 min Scan# 1947
 Delta R.T. -0.37 min
 Lab File: BG037814.D
 Acq: 5 Nov 2018 22:20

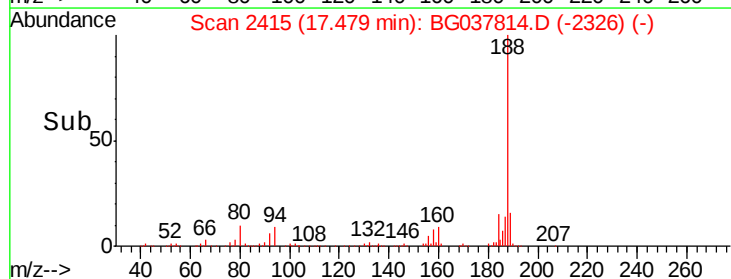
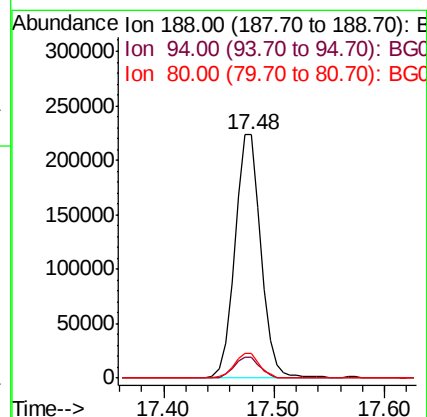
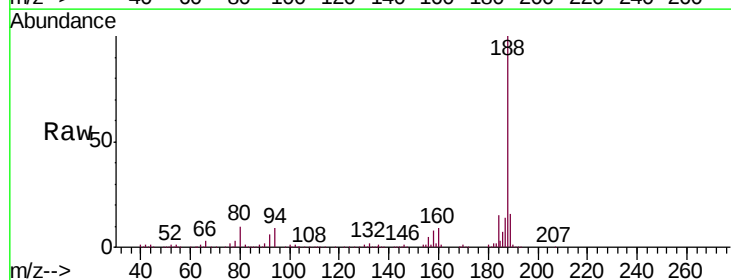
Instrument :
 BNA_G
 ClientSampleId :
 TP-12B-S

Tgt Ion:	165	Resp:	21177
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: BG037814.D
 Acq: 5 Nov 2018 22:20

Tgt Ion:	188	Resp:	368939
Ion	Ratio	Lower	Upper
188	100		
94	8.5	7.2	10.8
80	10.0	7.7	11.5

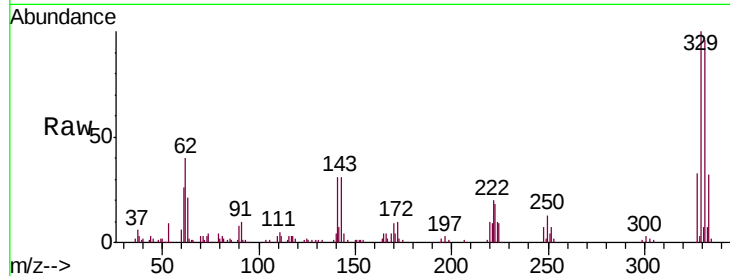




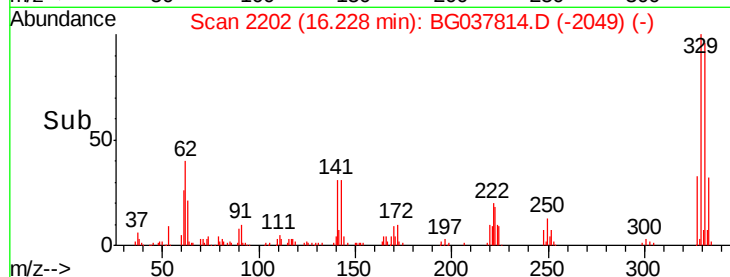
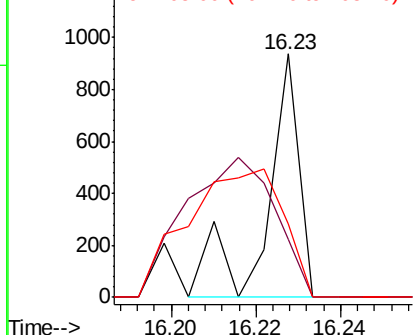
#65
 4,6-Dinitro-2-methylphenol
 Concen: 8.719 ng
 RT: 16.23 min Scan# 2202
 Delta R.T. 0.37 min
 Lab File: BG037814.D
 Acq: 5 Nov 2018 22:20

Instrument :
 BNA_G
 ClientSampleId :
 TP-12B-S

Tgt Ion:198 Resp: 498
 Ion Ratio Lower Upper
 198 100
 51 24.0 22.7 62.7
 105 30.3 19.7 59.7

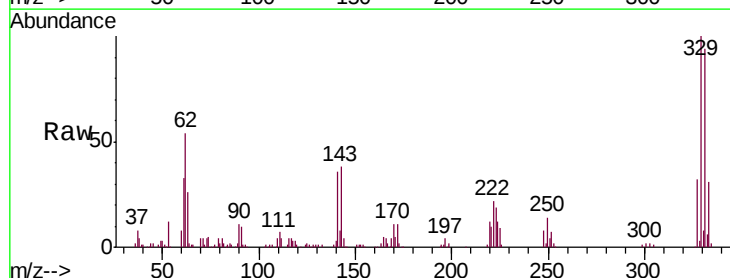


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

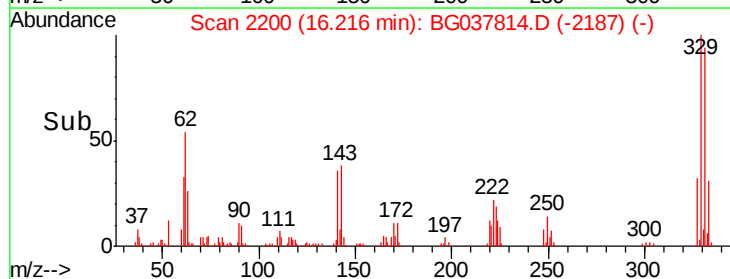
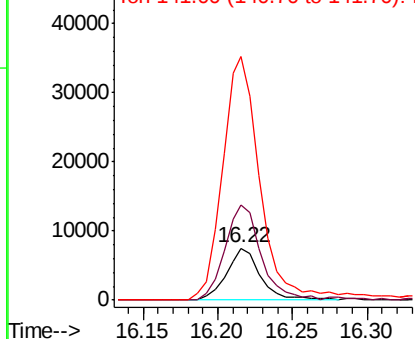


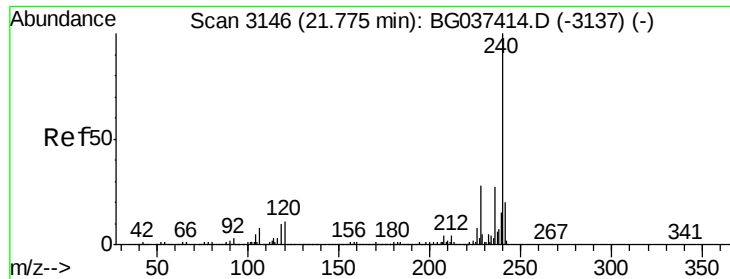
#67
 4-Bromophenyl-phenylether
 Concen: 2.961 ng
 RT: 16.22 min Scan# 2200
 Delta R.T. -0.45 min
 Lab File: BG037814.D
 Acq: 5 Nov 2018 22:20

Tgt Ion:248 Resp: 11997
 Ion Ratio Lower Upper
 248 100
 250 179.2 77.0 115.6#
 141 356.8 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

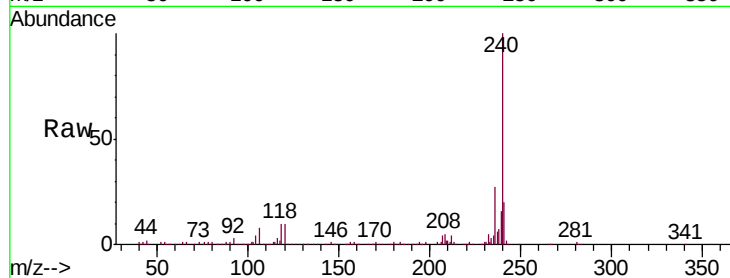




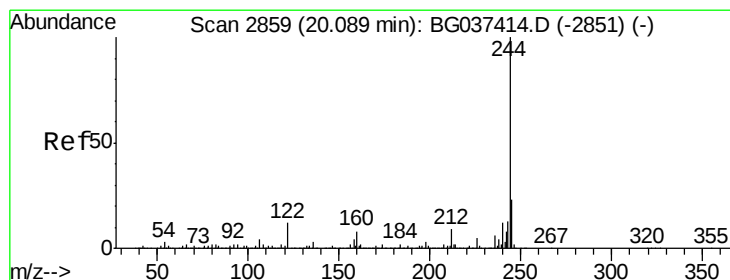
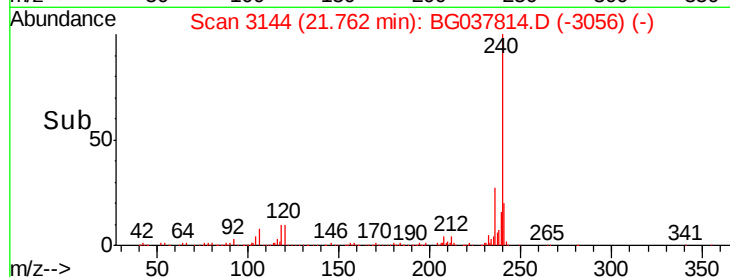
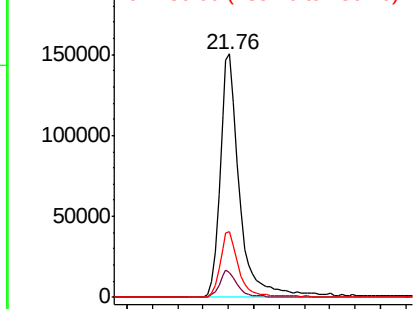
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3144
Delta R.T. -0.01 min
Lab File: BG037814.D
Acq: 5 Nov 2018 22:20

Instrument :
BNA_G
ClientSampleId :
TP-12B-S

Tgt Ion:240 Resp: 325584
Ion Ratio Lower Upper
240 100
120 10.3 8.1 12.1
236 27.1 21.4 32.0

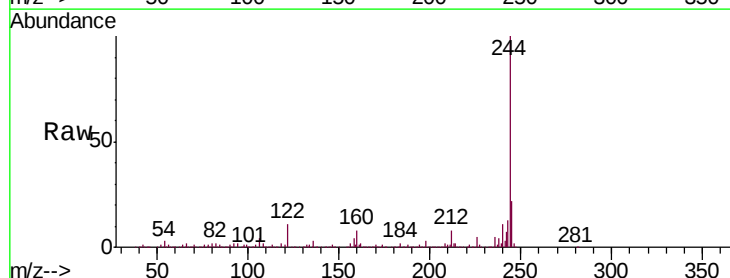


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

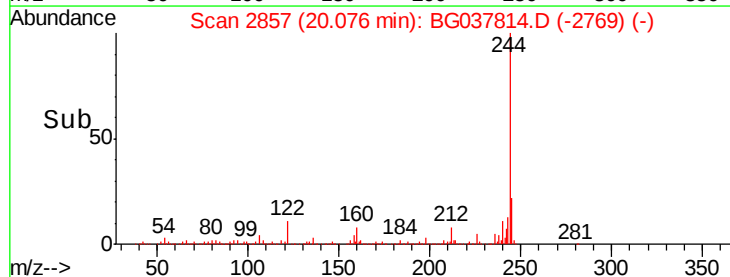
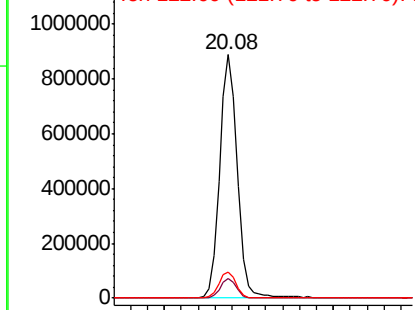


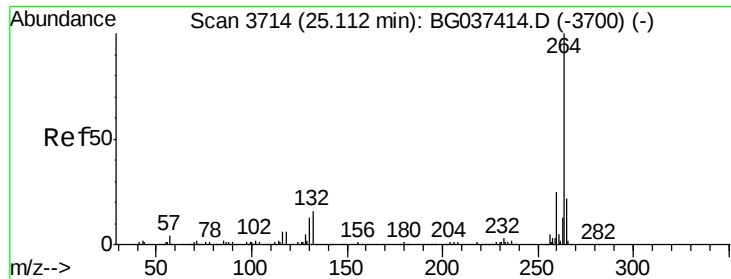
#79
Terphenyl-d14
Concen: 85.413 ng
RT: 20.08 min Scan# 2857
Delta R.T. -0.01 min
Lab File: BG037814.D
Acq: 5 Nov 2018 22:20

Tgt Ion:244 Resp: 1301453
Ion Ratio Lower Upper
244 100
212 8.0 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: 20.000 ng
RT: 25.10 min Scan# 3712
Delta R.T. -0.01 min
Lab File: BG037814.D
Acq: 5 Nov 2018 22:20

Instrument :
BNA_G
ClientSampleId :
TP-12B-S

Tgt Ion:	264	Resp:	241829
Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.2	27.4
265	21.3	17.9	26.9

