

Data File : BG037960.D
Acq On : 13 Nov 2018 1:21
Operator : JU/SJ
Sample : PB114721TB
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB114721TB

Quant Time: Nov 13 04:30:15 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

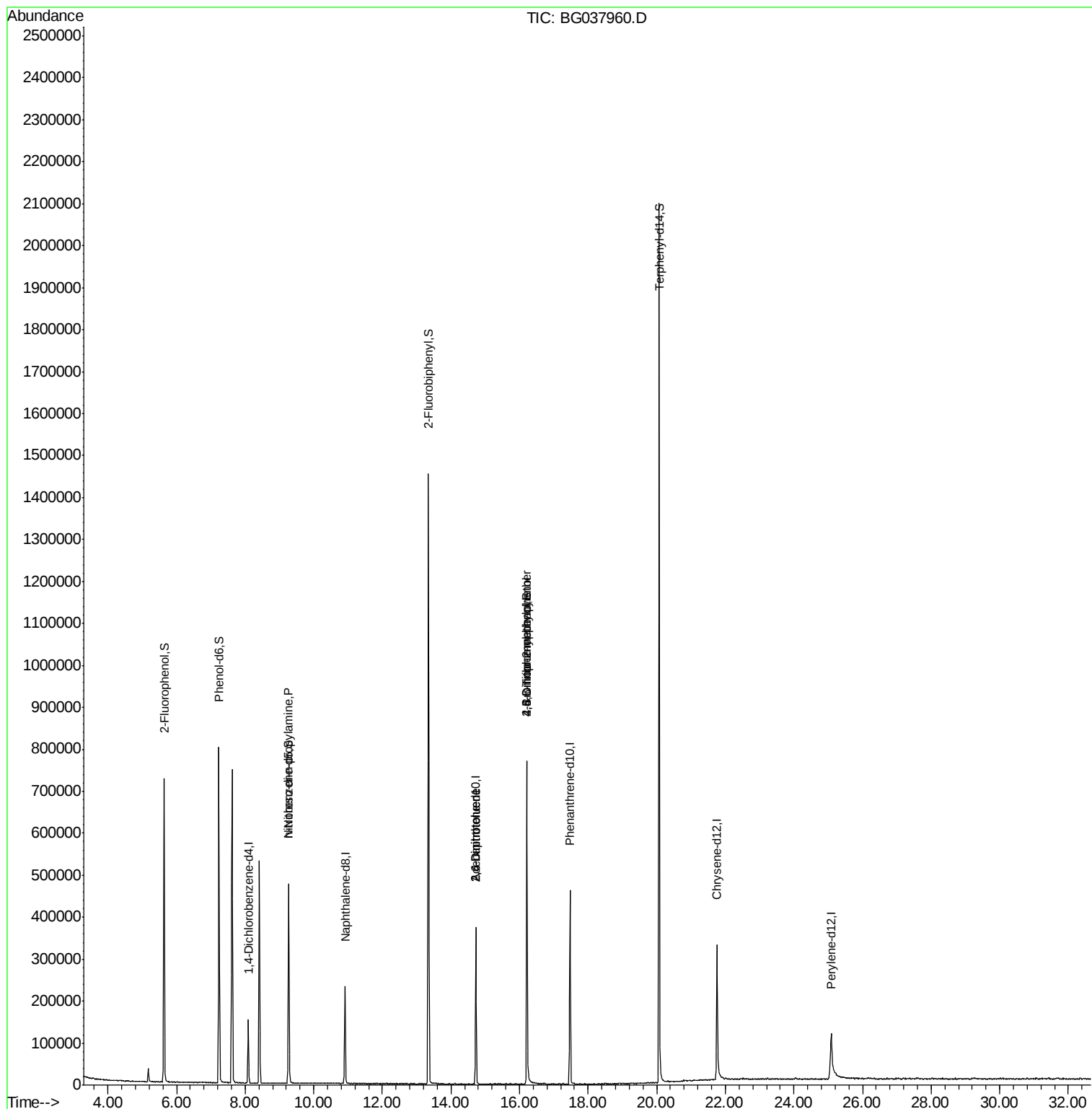
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	45821	20.00	ng	-0.02
21) Naphthalene-d8	10.91	136	212464	20.00	ng	-0.02
39) Acenaphthene-d10	14.73	164	137841	20.00	ng	-0.02
64) Phenanthrene-d10	17.47	188	303224	20.00	ng	-0.02
76) Chrysene-d12	21.76	240	256527	20.00	ng	-0.02
87) Perylene-d12	25.08	264	186850	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	347659	126.85	ng	-0.01
7) Phenol-d6	7.23	99	505290	121.92	ng	-0.02
23) Nitrobenzene-d5	9.27	82	306820	80.90	ng	-0.02
42) 2,4,6-Tribromophenol	16.21	330	153871	102.35	ng	-0.02
45) 2-Fluorobiphenyl	13.35	172	766667	83.87	ng	-0.02
79) Terphenyl-d14	20.07	244	1069805	89.11	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.27	70	38238	13.399	ng	# 70
51) 2,6-Dinitrotoluene	14.73	165	18236	7.730	ng	# 23
57) 2,4-Dinitrotoluene	14.73	165	18236	5.889	ng	# 23
65) 4,6-Dinitro-2-methylphenol	16.21	198	448	8.739	ng	80
67) 4-Bromophenyl-phenylether	16.21	248	11016	3.308	ng	# 1

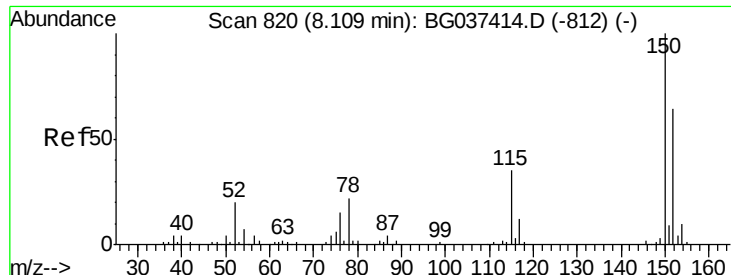
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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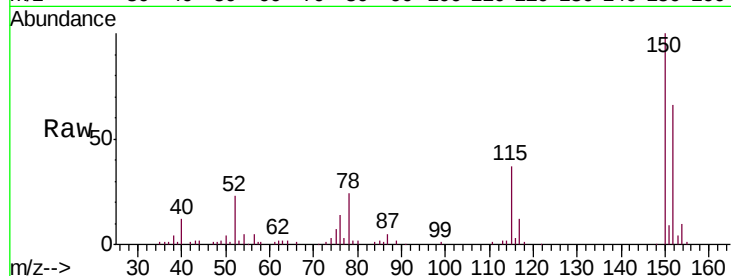


#1

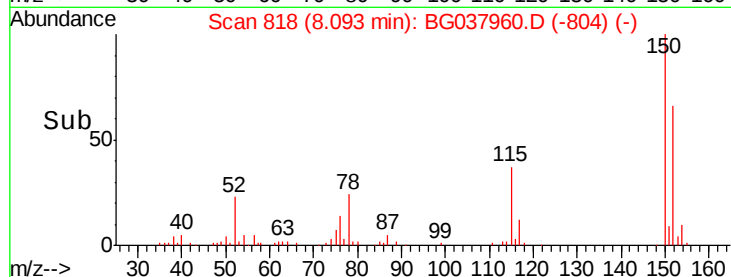
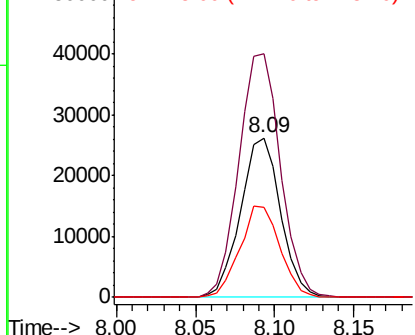
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 818
Delta R.T. -0.02 min
Lab File: BG037960.D
Acq: 13 Nov 2018 1:21

Instrument :
BNA_G
ClientSampleId :
PB114721TB

Tgt Ion:152 Resp: 45821
Ion Ratio Lower Upper
152 100
150 152.4 126.0 189.0
115 56.0 45.5 68.3



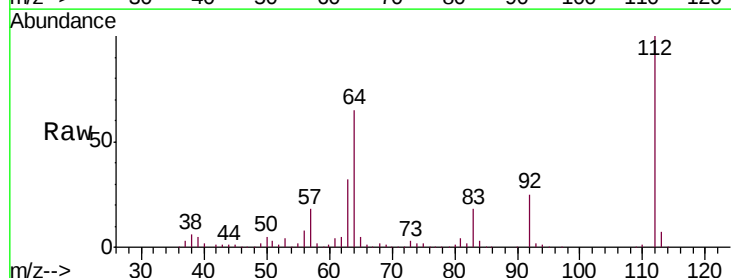
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



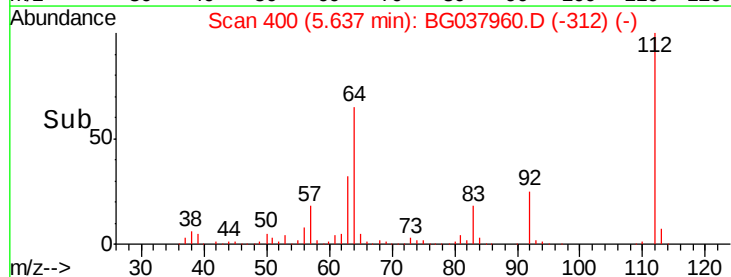
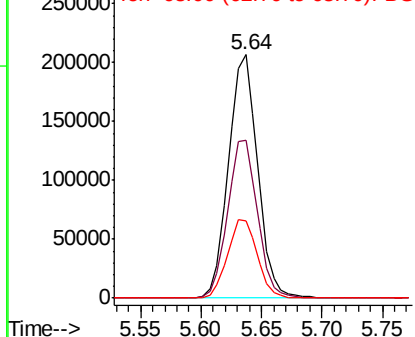
#5

2-Fluorophenol
Concen: 126.849 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG037960.D
Acq: 13 Nov 2018 1:21

Tgt Ion:112 Resp: 347659
Ion Ratio Lower Upper
112 100
64 64.8 53.1 79.7
63 31.9 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: 121.923 ng

RT: 7.23 min Scan# 672

Delta R.T. -0.02 min

Lab File: BG037960.D

Acq: 13 Nov 2018 1:21

Instrument :

BNA_G

ClientSampleId :

PB114721TB

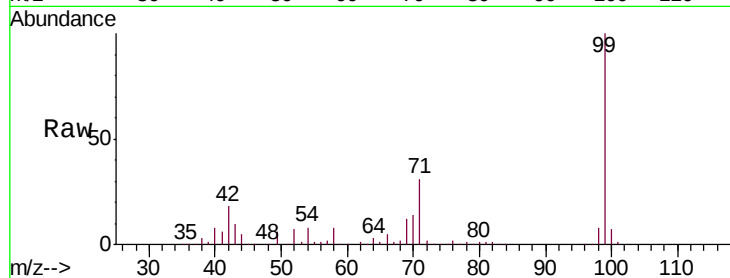
Tgt Ion: 99 Resp: 505290

Ion Ratio Lower Upper

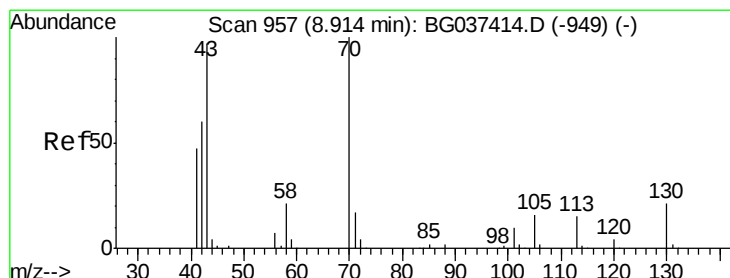
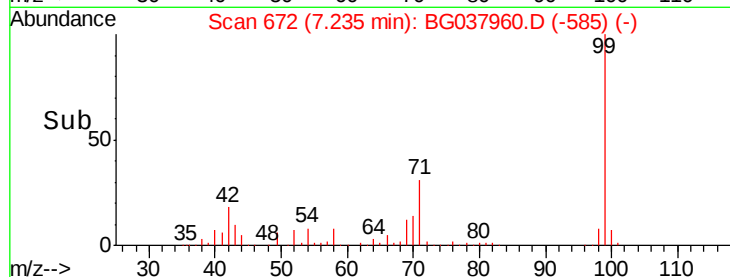
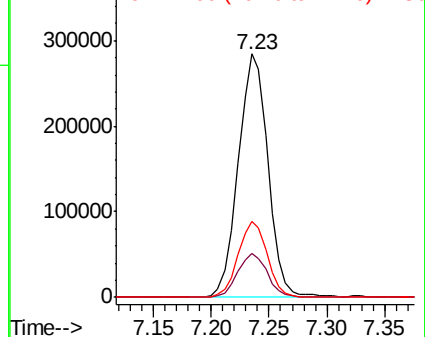
99 100

42 17.8 15.0 22.4

71 31.4 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: 13.399 ng

RT: 9.27 min Scan# 1018

Delta R.T. 0.35 min

Lab File: BG037960.D

Acq: 13 Nov 2018 1:21

Tgt Ion: 70 Resp: 38238

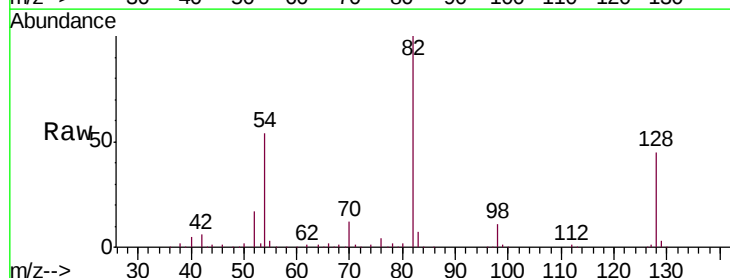
Ion Ratio Lower Upper

70 100

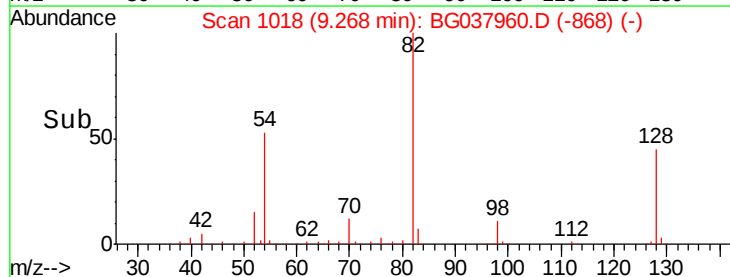
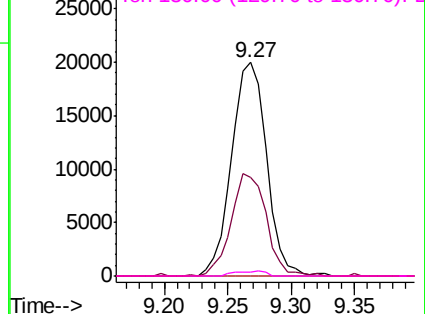
42 46.2 53.9 80.9#

101 0.0 8.2 12.2#

130 2.0 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

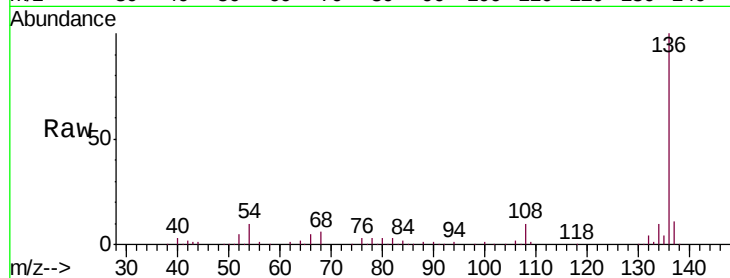




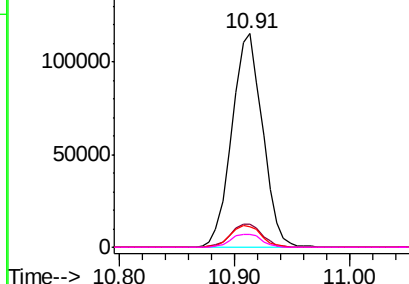
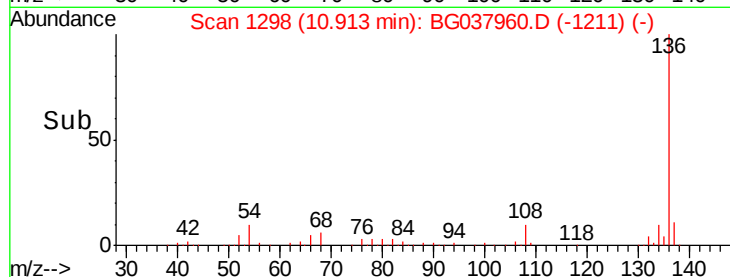
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1298
Delta R.T. -0.02 min
Lab File: BG037960.D
Acq: 13 Nov 2018 1:21

Instrument :
BNA_G
ClientSampleId :
PB114721TB

Tgt Ion:	136	Resp:	212464
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.6	14.4
54	9.8	7.9	11.9
68	6.0	4.8	7.2

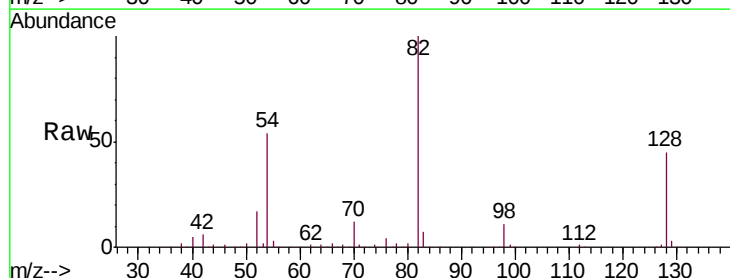


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

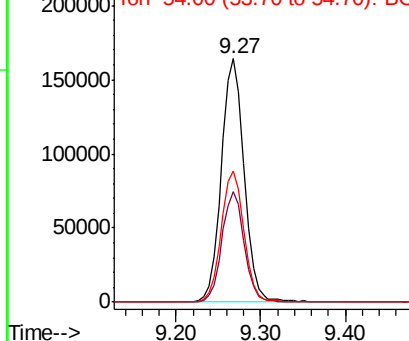
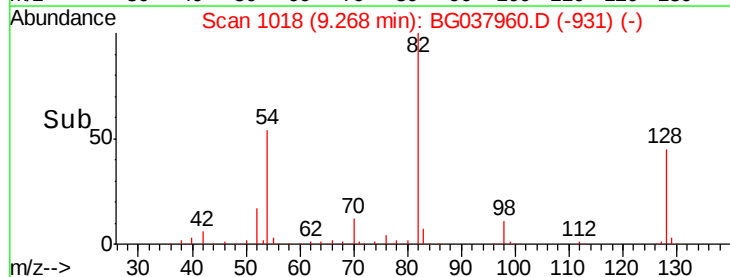


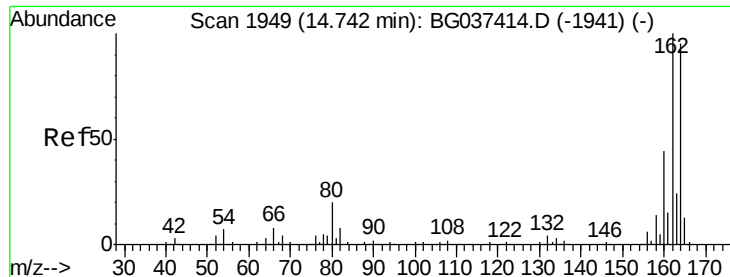
#23
Nitrobenzene-d5
Concen: 80.897 ng
RT: 9.27 min Scan# 1018
Delta R.T. -0.02 min
Lab File: BG037960.D
Acq: 13 Nov 2018 1:21

Tgt Ion:	82	Resp:	306820
Ion	Ratio	Lower	Upper
82	100		
128	45.3	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. -0.02 min

Lab File: BG037960.D

Acq: 13 Nov 2018 1:21

Instrument :

BNA_G

ClientSampled :

PB114721TB

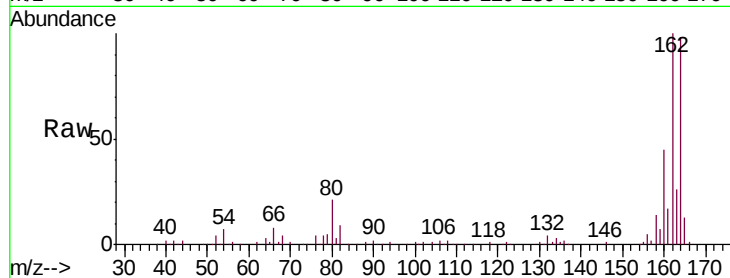
Tgt Ion:164 Resp: 137841

Ion Ratio Lower Upper

164 100

162 102.2 81.3 121.9

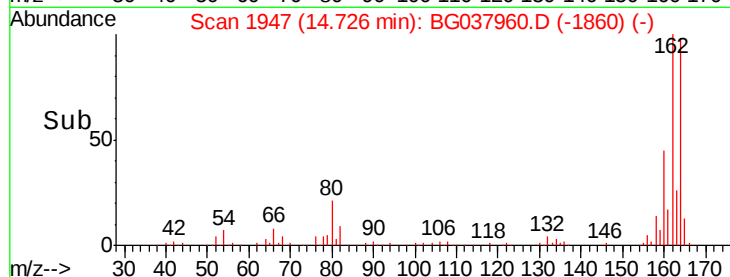
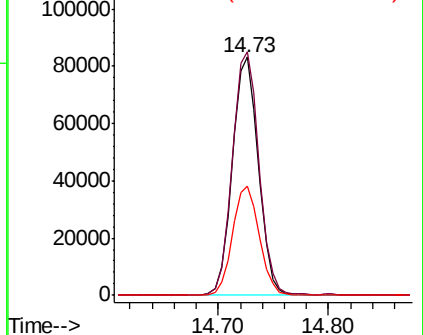
160 46.1 36.3 54.5



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: 102.348 ng

RT: 16.21 min Scan# 2200

Delta R.T. -0.02 min

Lab File: BG037960.D

Acq: 13 Nov 2018 1:21

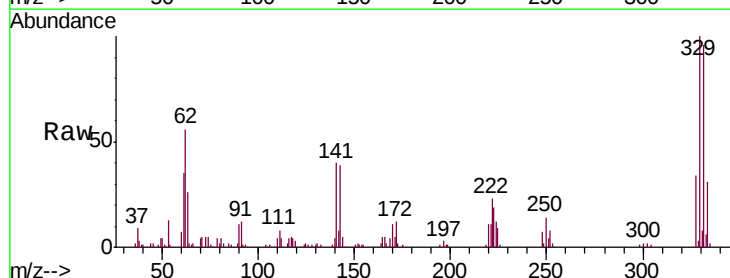
Tgt Ion:330 Resp: 153871

Ion Ratio Lower Upper

330 100

332 93.5 78.4 117.6

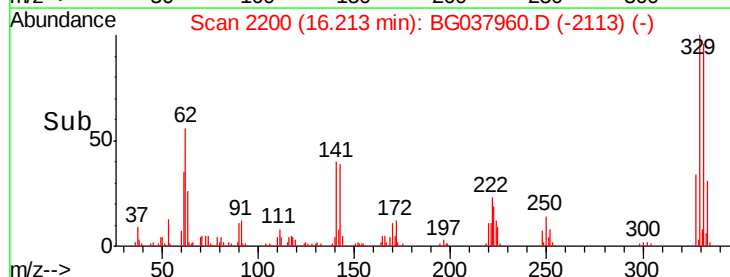
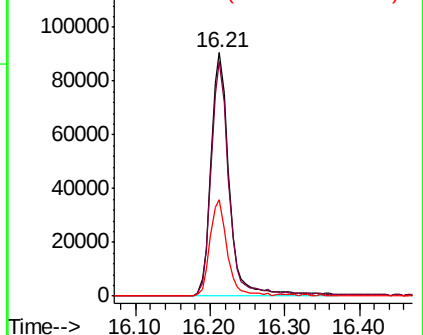
141 37.5 32.2 48.2



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

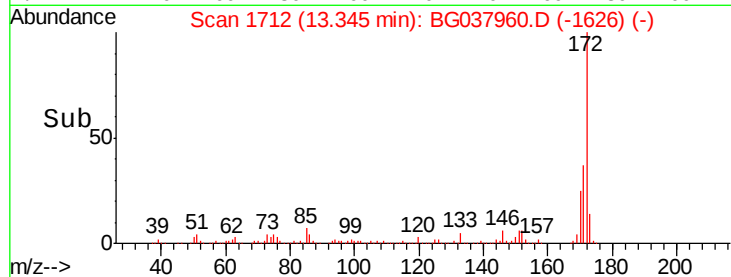
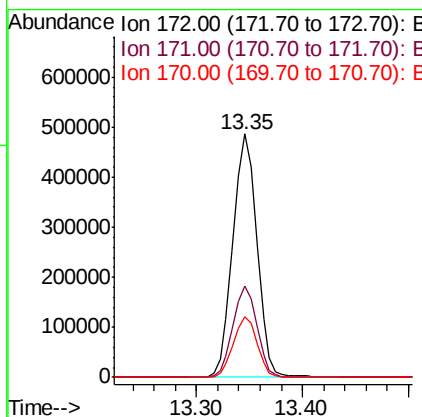
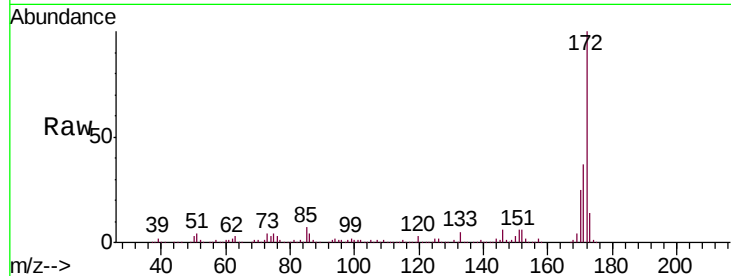




#45
 2-Fluorobiphenyl
 Concen: 83.871 ng
 RT: 13.35 min Scan# 1712
 Delta R.T. -0.02 min
 Lab File: BG037960.D
 Acq: 13 Nov 2018 1:21

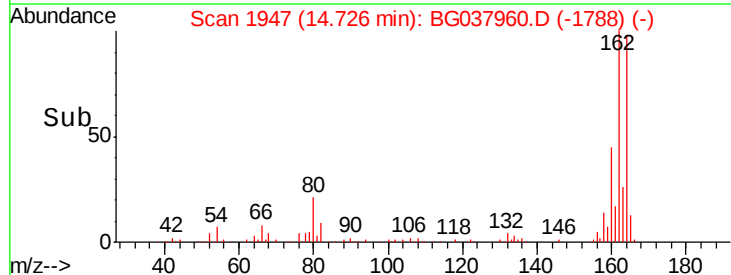
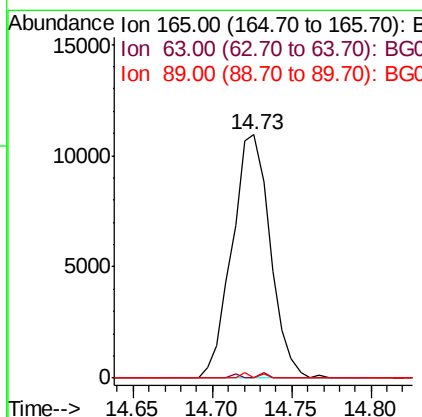
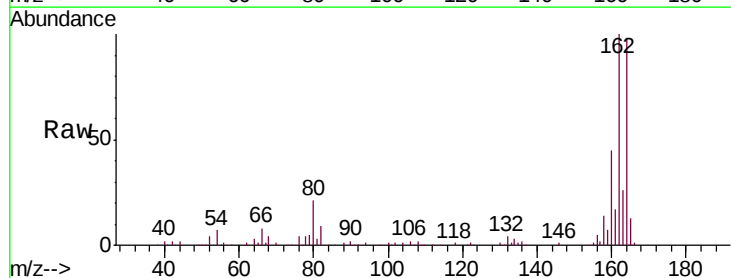
Instrument :
 BNA_G
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 PB114721TB

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	31.0	46.4
170	24.9	20.2	30.2



#51
 2,6-Dinitrotoluene
 Concen: 7.730 ng
 RT: 14.73 min Scan# 1947
 Delta R.T. 0.41 min
 Lab File: BG037960.D
 Acq: 13 Nov 2018 1:21

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

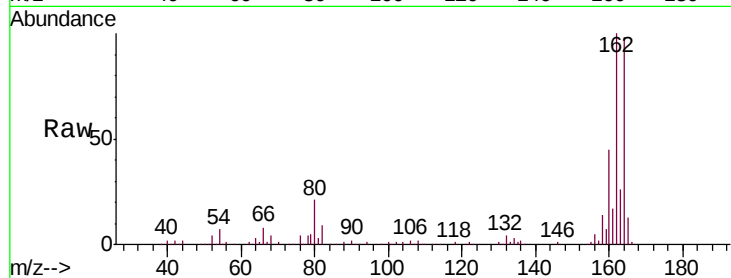




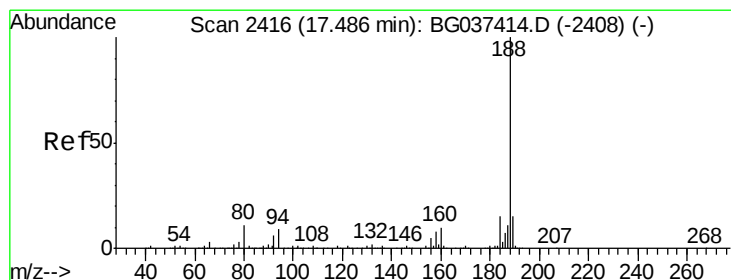
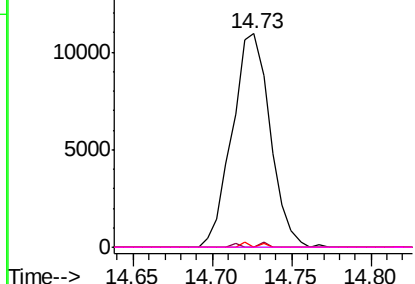
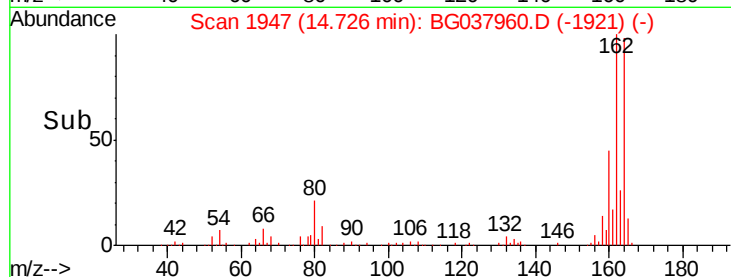
#57
 2,4-Dinitrotoluene
 Concen: 5.889 ng
 RT: 14.73 min Scan# 1947
 Delta R.T. -0.37 min
 Lab File: BG037960.D
 Acq: 13 Nov 2018 1:21

Instrument :
 BNA_G
 ClientSampleId :
 PB114721TB

Tgt Ion:	165	Resp:	18236
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#

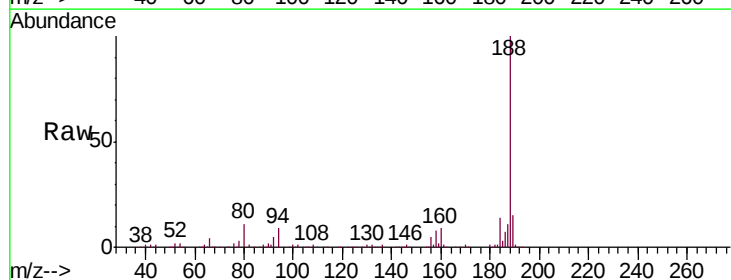


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

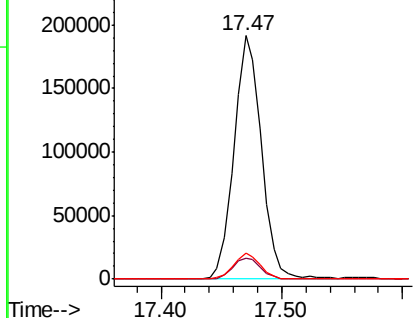
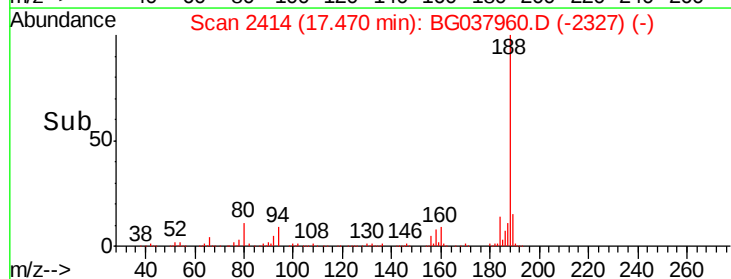


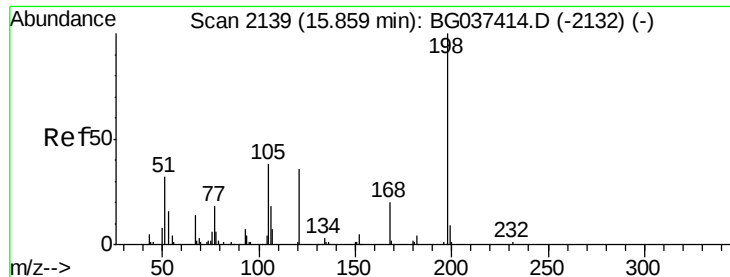
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.47 min Scan# 2414
 Delta R.T. -0.02 min
 Lab File: BG037960.D
 Acq: 13 Nov 2018 1:21

Tgt Ion:	188	Resp:	303224
Ion	Ratio	Lower	Upper
188	100		
94	8.6	7.2	10.8
80	10.8	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

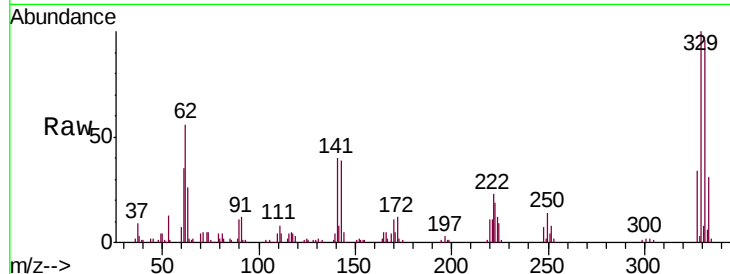




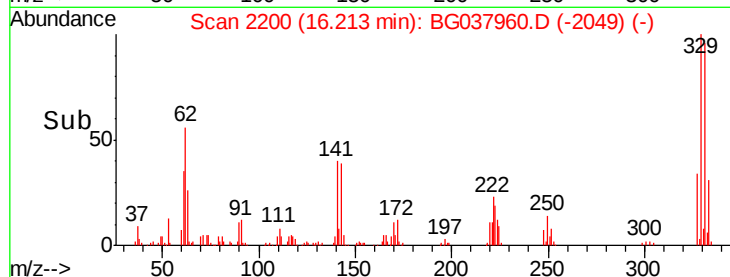
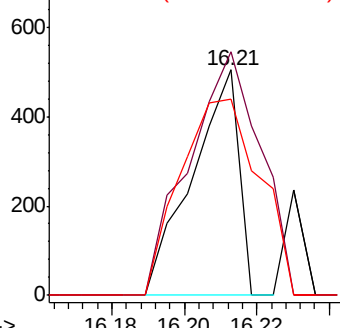
#65
 4,6-Dinitro-2-methylphenol
 Concen: 8.739 ng
 RT: 16.21 min Scan# 2200
 Delta R.T. 0.35 min
 Lab File: BG037960.D
 Acq: 13 Nov 2018 1:21

Instrument :
 BNA_G
 ClientSampleID :
 PB114721TB

Tgt Ion:198 Resp: 448
 Ion Ratio Lower Upper
 198 100
 51 31.6 22.7 62.7
 105 25.6 19.7 59.7

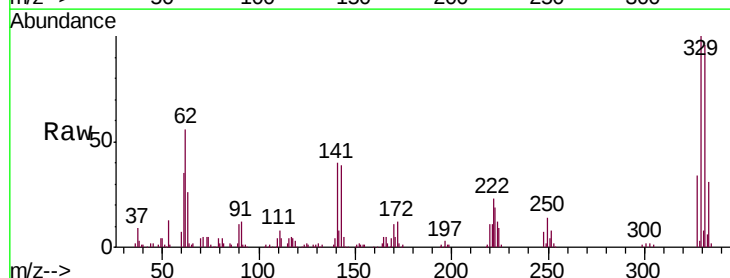


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

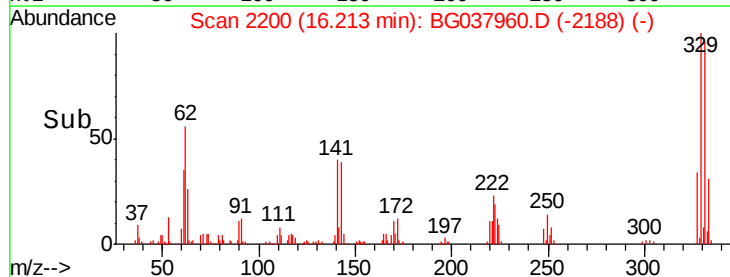
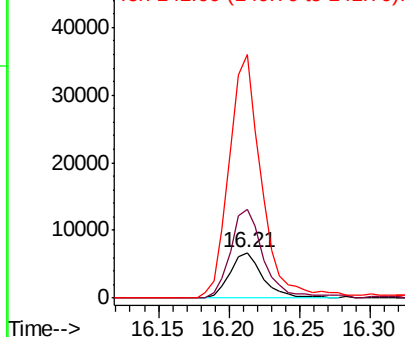


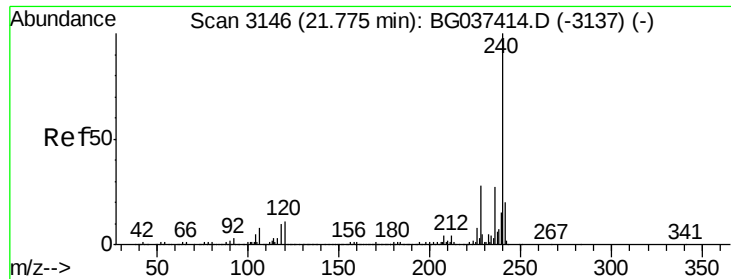
#67
 4-Bromophenyl-phenylether
 Concen: 3.308 ng
 RT: 16.21 min Scan# 2200
 Delta R.T. -0.46 min
 Lab File: BG037960.D
 Acq: 13 Nov 2018 1:21

Tgt Ion:248 Resp: 11016
 Ion Ratio Lower Upper
 248 100
 250 189.2 77.0 115.6#
 141 410.1 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

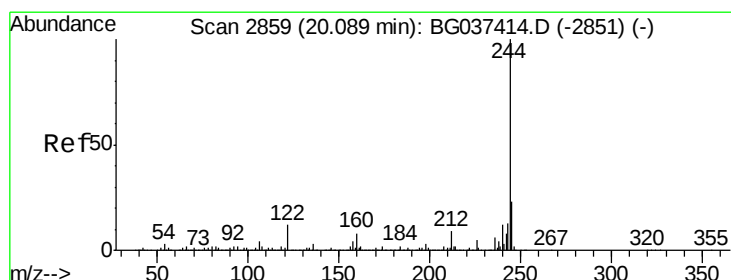
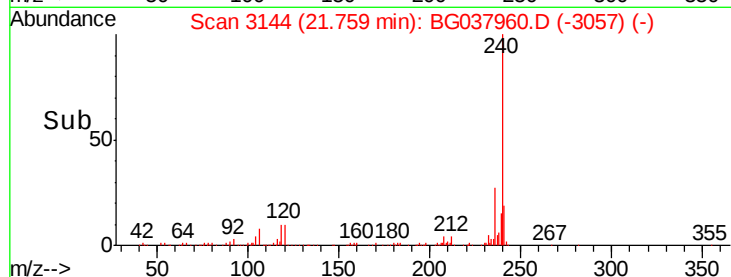
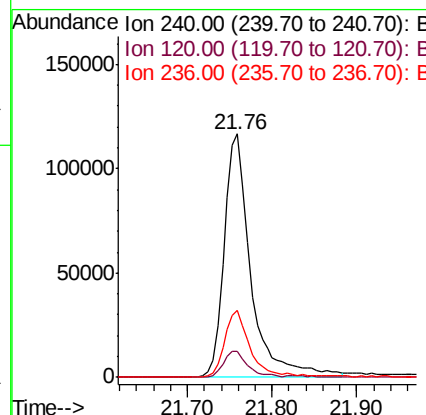
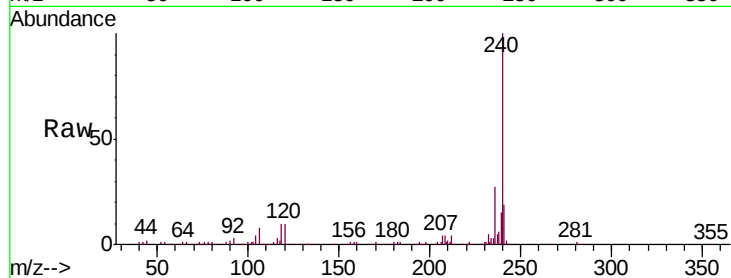




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3144
Delta R.T. -0.02 min
Lab File: BG037960.D
Acq: 13 Nov 2018 1:21

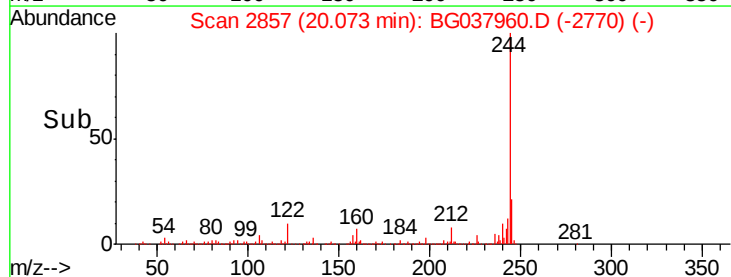
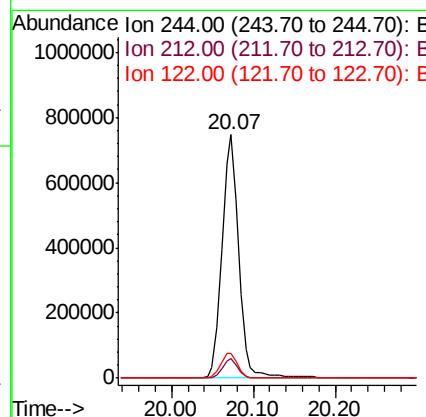
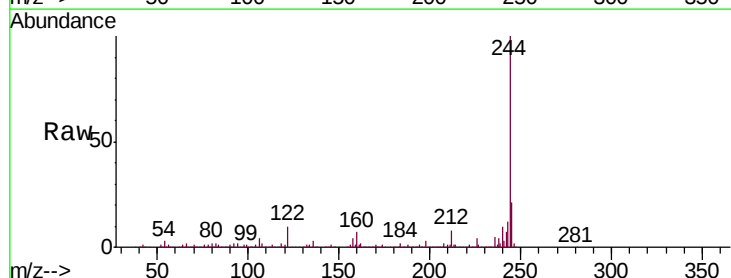
Instrument :
BNA_G
ClientSampleId :
PB114721TB

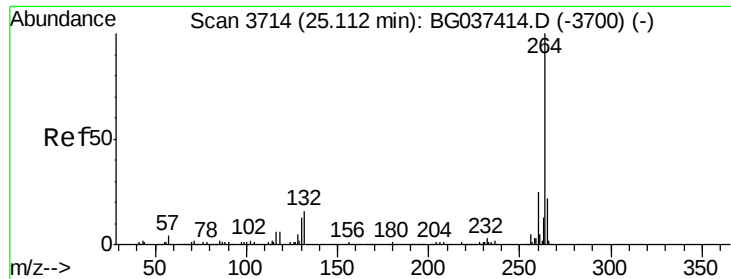
Tgt Ion:240 Resp: 256527
Ion Ratio Lower Upper
240 100
120 10.5 8.1 12.1
236 27.5 21.4 32.0



#79
Terphenyl-d14
Concen: 89.110 ng
RT: 20.07 min Scan# 2857
Delta R.T. -0.02 min
Lab File: BG037960.D
Acq: 13 Nov 2018 1:21

Tgt Ion:244 Resp: 1069805
Ion Ratio Lower Upper
244 100
212 7.9 6.5 9.7
122 9.9 9.0 13.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.08 min Scan# 3710
Delta R.T. -0.03 min
Lab File: BG037960.D
Acq: 13 Nov 2018 1:21

Instrument :
BNA_G
ClientSampleId :
PB114721TB

Tgt Ion	Ratio	Lower	Upper
264	100		
260	21.4	18.2	27.4
265	20.1	17.9	26.9

