

Data File : BG037962.D
Acq On : 13 Nov 2018 2:40
Operator : JU/SJ
Sample : J5907-16
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-4-S

Quant Time: Nov 13 04:30:55 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

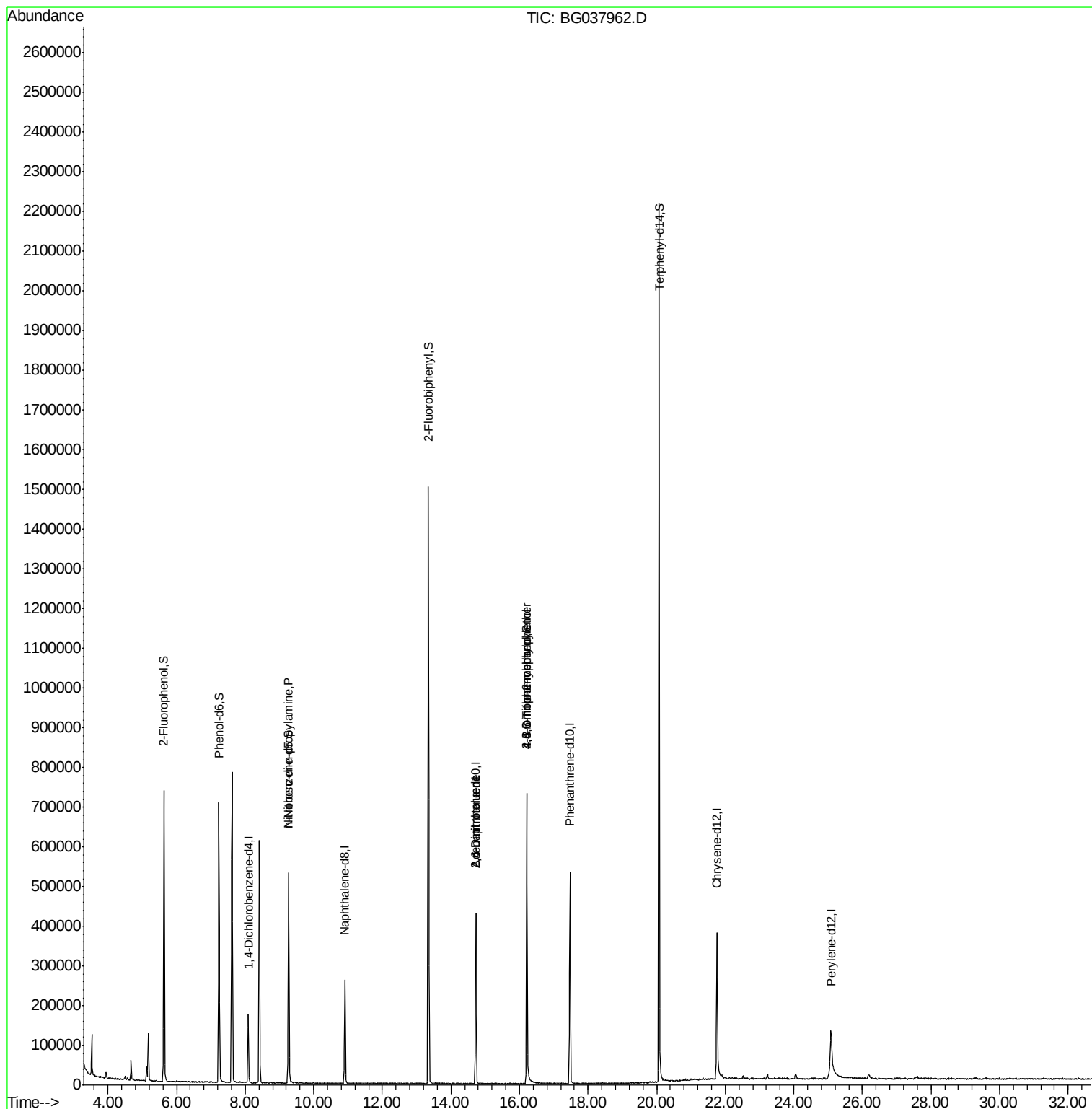
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	52036	20.00	ng	-0.02
21) Naphthalene-d8	10.91	136	237814	20.00	ng	-0.02
39) Acenaphthene-d10	14.72	164	158124	20.00	ng	-0.02
64) Phenanthrene-d10	17.47	188	349810	20.00	ng	-0.01
76) Chrysene-d12	21.75	240	286263	20.00	ng	-0.02
87) Perylene-d12	25.08	264	204321	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	339389	109.04	ng	-0.01
7) Phenol-d6	7.24	99	447623	95.11	ng	-0.01
23) Nitrobenzene-d5	9.27	82	340935	80.31	ng	-0.01
42) 2,4,6-Tribromophenol	16.21	330	151534	87.86	ng	-0.01
45) 2-Fluorobiphenyl	13.35	172	828548	79.01	ng	-0.02
79) Terphenyl-d14	20.07	244	1157001	86.36	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.26	70	44097	13.606	ng	# 68
51) 2,6-Dinitrotoluene	14.72	165	19916	7.360	ng	# 23
57) 2,4-Dinitrotoluene	14.72	165	19916	5.607	ng	# 23
65) 4,6-Dinitro-2-methylphenol	16.21	198	412	8.692	ng	78
67) 4-Bromophenyl-phenylether	16.21	248	10387	2.704	ng	# 1

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

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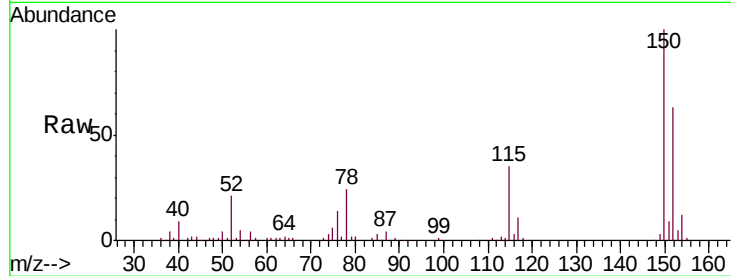


#1

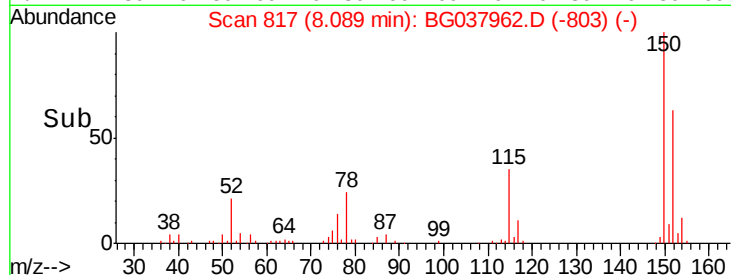
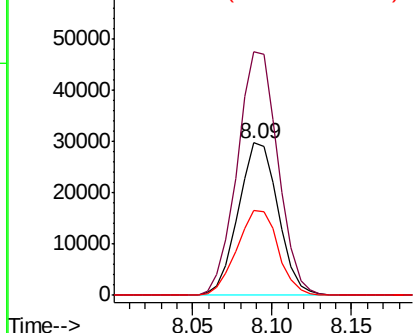
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 817
Delta R.T. -0.02 min
Lab File: BG037962.D
Acq: 13 Nov 2018 2:40

Instrument :
BNA_G
ClientSampleId :
TP-4-S

Tgt Ion:152 Resp: 52036
Ion Ratio Lower Upper
152 100
150 159.9 126.0 189.0
115 55.9 45.5 68.3



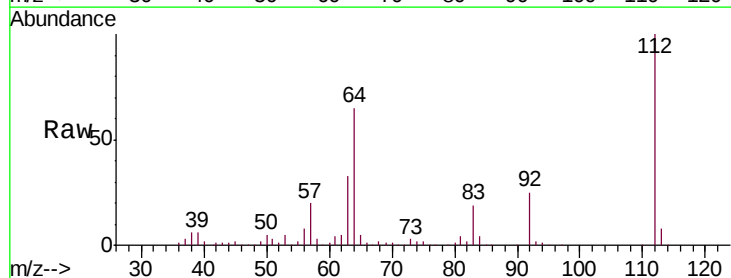
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



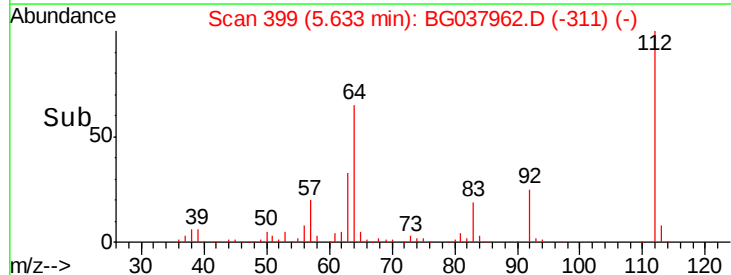
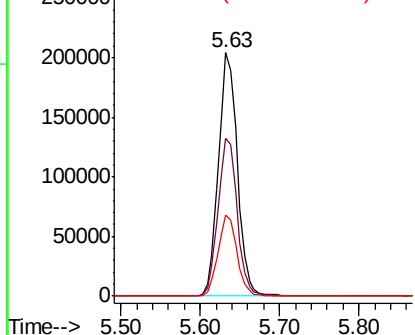
#5

2-Fluorophenol
Concen: 109.042 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.01 min
Lab File: BG037962.D
Acq: 13 Nov 2018 2:40

Tgt Ion:112 Resp: 339389
Ion Ratio Lower Upper
112 100
64 64.8 53.1 79.7
63 33.3 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: 95.108 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.01 min

Lab File: BG037962.D

Acq: 13 Nov 2018 2:40

Instrument :

BNA_G

ClientSampleId :

TP-4-S

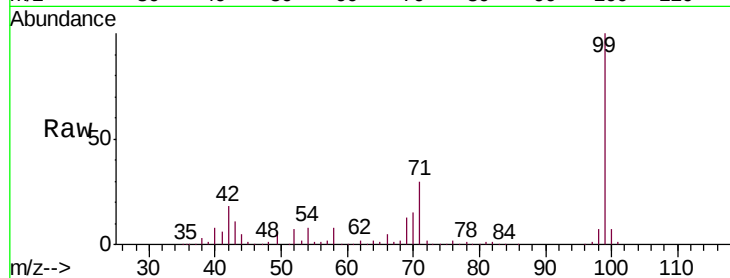
Tgt Ion: 99 Resp: 447623

Ion Ratio Lower Upper

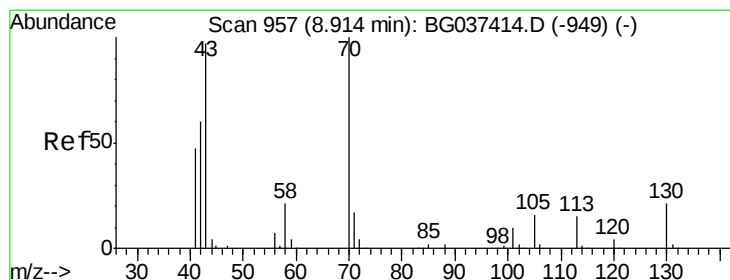
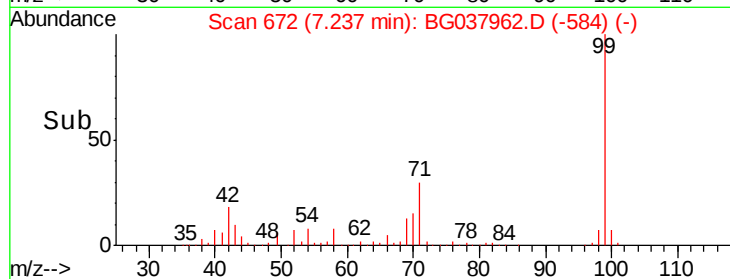
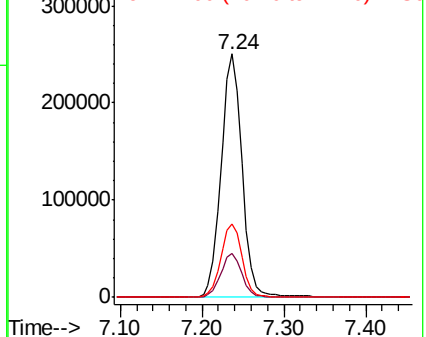
99 100

42 18.1 15.0 22.4

71 30.4 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: 13.606 ng

RT: 9.26 min Scan# 1017

Delta R.T. 0.35 min

Lab File: BG037962.D

Acq: 13 Nov 2018 2:40

Tgt Ion: 70 Resp: 44097

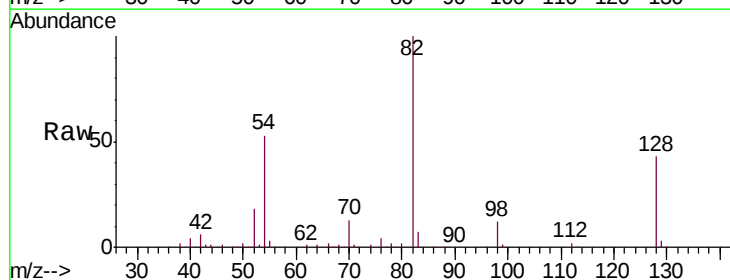
Ion Ratio Lower Upper

70 100

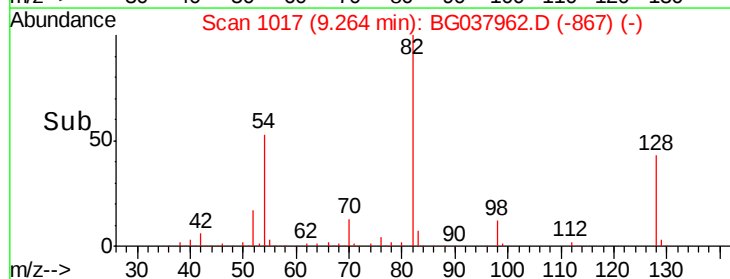
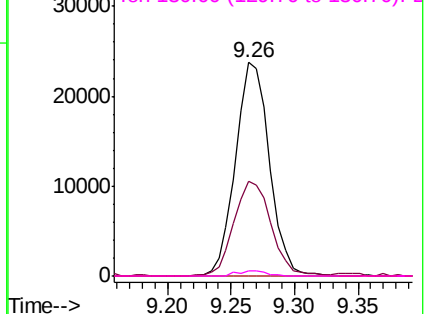
42 44.4 53.9 80.9#

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

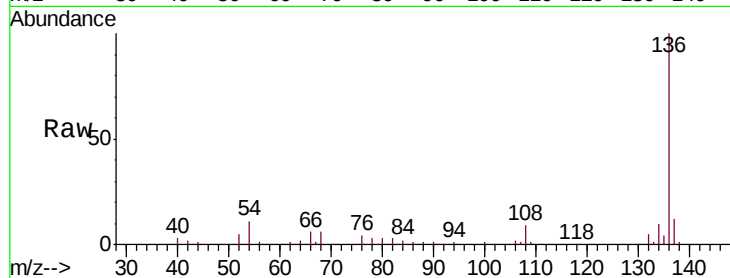




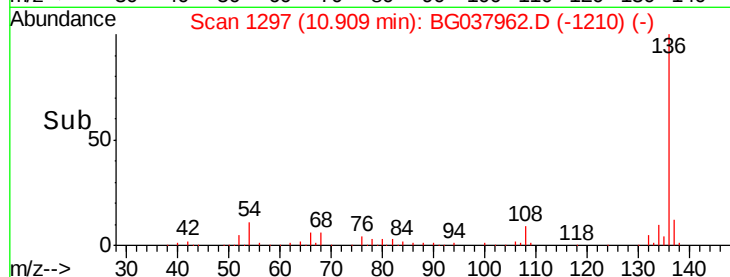
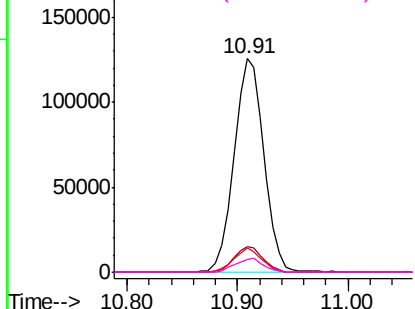
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BG037962.D
Acq: 13 Nov 2018 2:40

Instrument :
BNA_G
ClientSampleId :
TP-4-S

Tgt Ion:	136	Resp:	237814
Ion	Ratio	Lower	Upper
136	100		
137	12.1	9.6	14.4
54	11.2	7.9	11.9
68	6.2	4.8	7.2

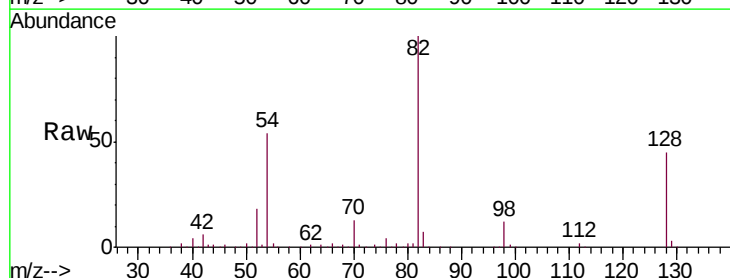


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

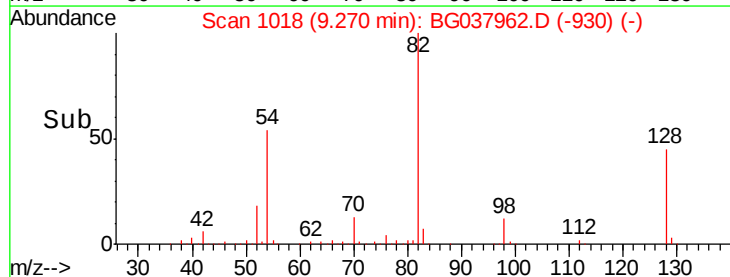
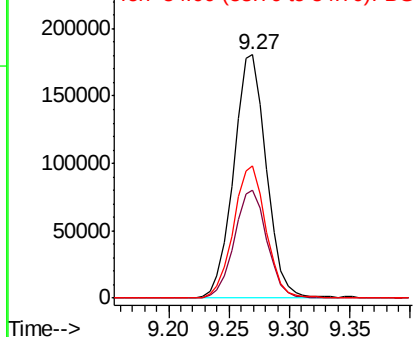


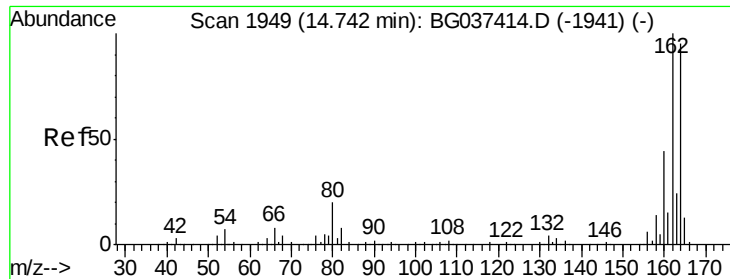
#23
Nitrobenzene-d5
Concen: 80.310 ng
RT: 9.27 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BG037962.D
Acq: 13 Nov 2018 2:40

Tgt Ion:	82	Resp:	340935
Ion	Ratio	Lower	Upper
82	100		
128	44.5	34.6	51.8
54	54.2	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: 14.72 min Scan# 1946

Delta R.T. -0.02 min

Lab File: BG037962.D

Acq: 13 Nov 2018 2:40

Instrument :

BNA_G

ClientSampleId :

TP-4-S

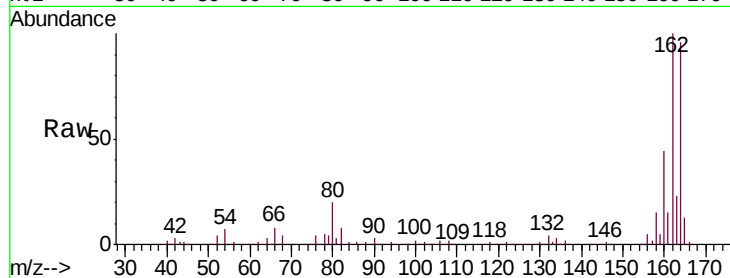
Tgt Ion:164 Resp: 158124

Ion Ratio Lower Upper

164 100

162 103.6 81.3 121.9

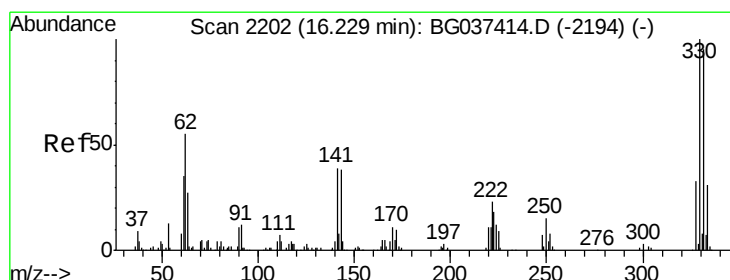
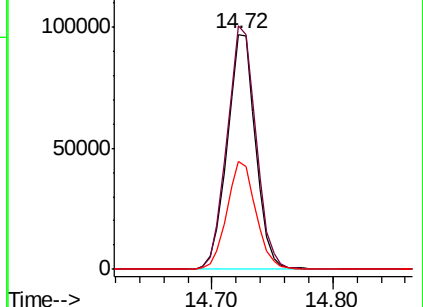
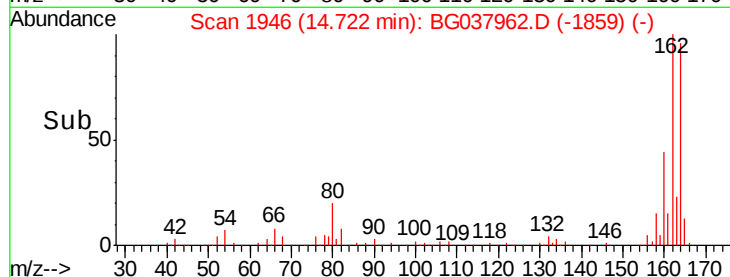
160 46.1 36.3 54.5



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: 87.864 ng

RT: 16.21 min Scan# 2200

Delta R.T. -0.01 min

Lab File: BG037962.D

Acq: 13 Nov 2018 2:40

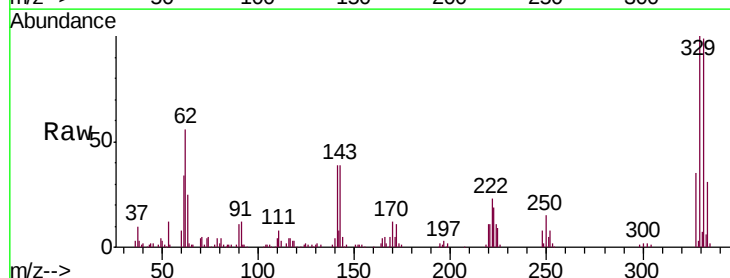
Tgt Ion:330 Resp: 151534

Ion Ratio Lower Upper

330 100

332 94.8 78.4 117.6

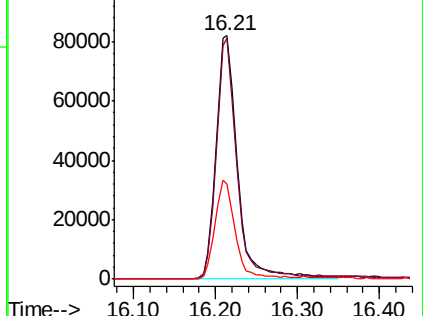
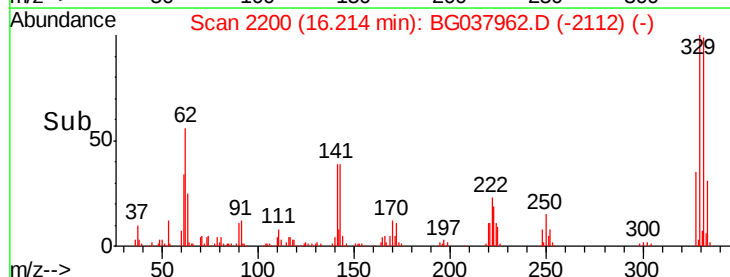
141 38.5 32.2 48.2



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

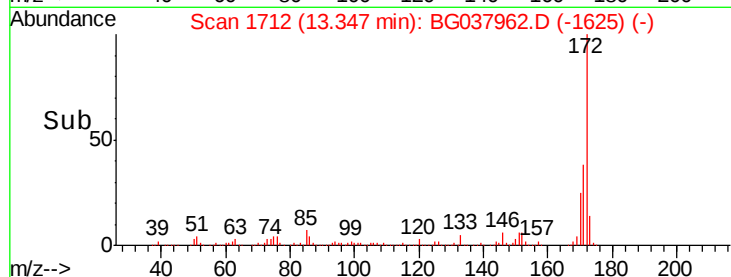
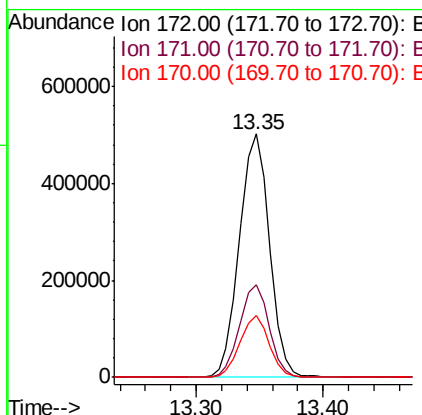
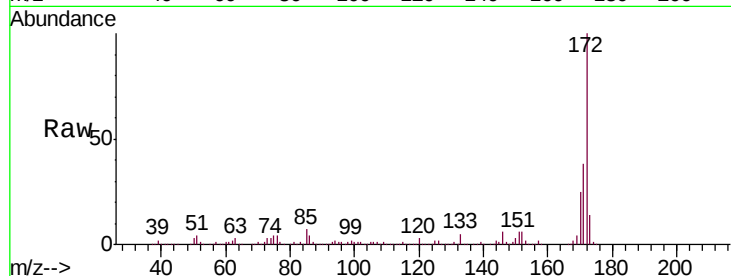




#45
 2-Fluorobiphenyl
 Concen: 79.014 ng
 RT: 13.35 min Scan# 1712
 Delta R.T. -0.02 min
 Lab File: BG037962.D
 Acq: 13 Nov 2018 2:40

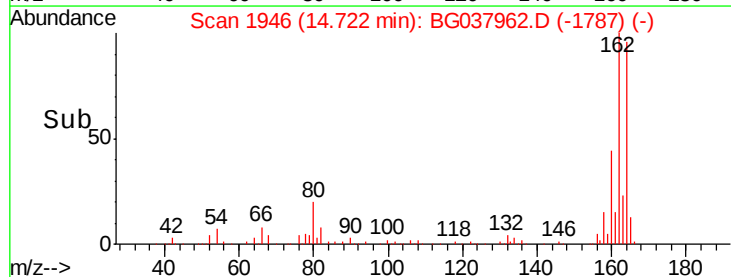
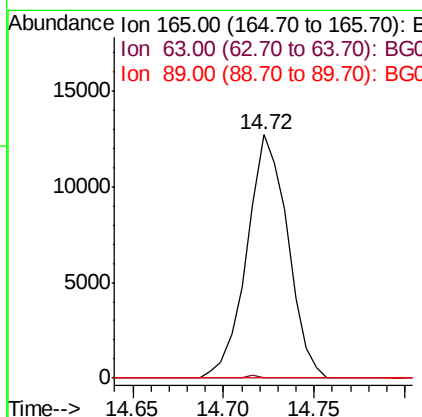
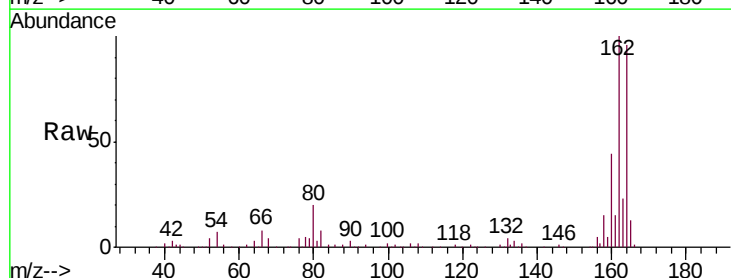
Instrument :
 BNA_G
 ClientSampleId :
 TP-4-S

Tgt Ion:172 Resp: 828548
 Ion Ratio Lower Upper
 172 100
 171 38.0 31.0 46.4
 170 25.3 20.2 30.2



#51
 2,6-Dinitrotoluene
 Concen: 7.360 ng
 RT: 14.72 min Scan# 1946
 Delta R.T. 0.40 min
 Lab File: BG037962.D
 Acq: 13 Nov 2018 2:40

Tgt Ion:165 Resp: 19916
 Ion Ratio Lower Upper
 165 100
 63 0.0 43.4 65.2#
 89 0.0 45.8 68.6#

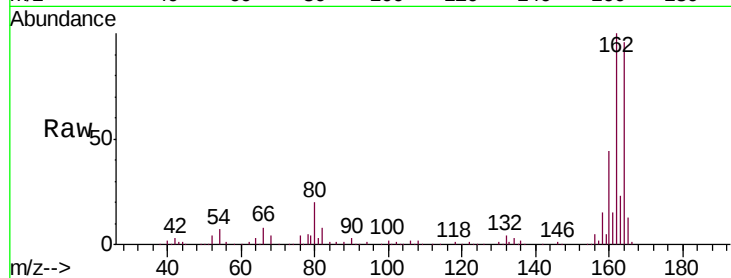




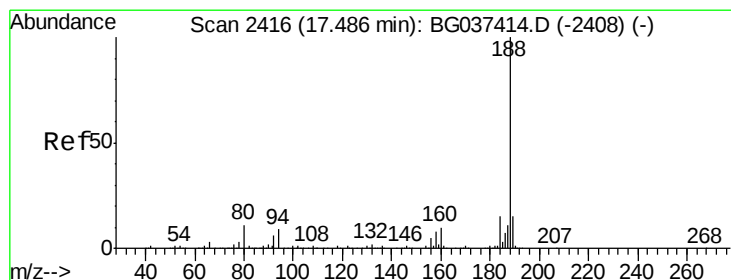
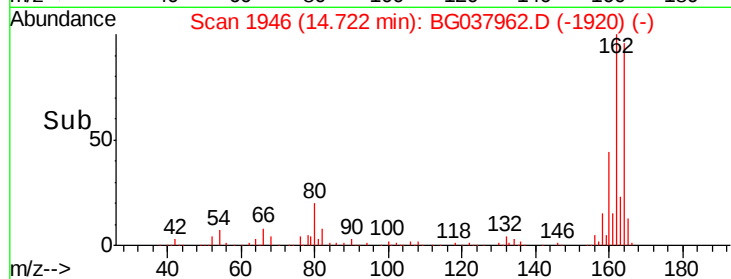
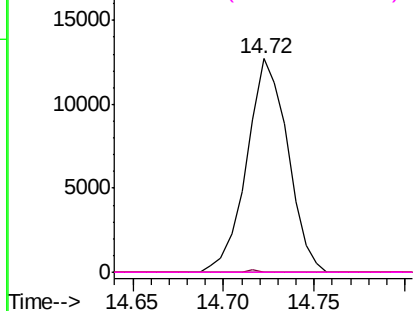
#57
2,4-Dinitrotoluene
Concen: 5.607 ng
RT: 14.72 min Scan# 1946
Delta R.T. -0.38 min
Lab File: BG037962.D
Acq: 13 Nov 2018 2:40

Instrument :
BNA_G
ClientSampleId :
TP-4-S

Tgt Ion:	165	Resp:	19916
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#

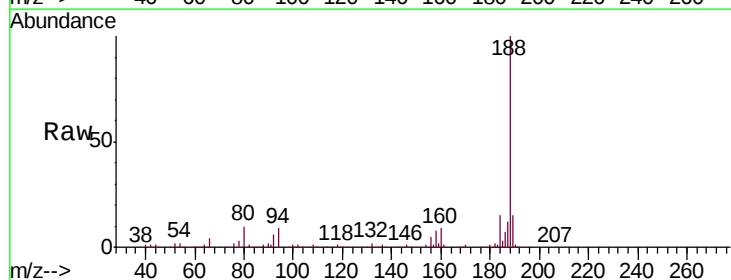


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

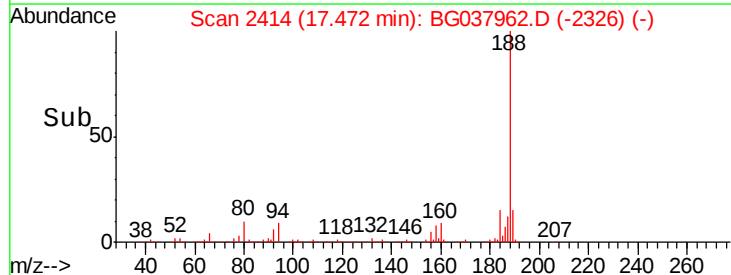
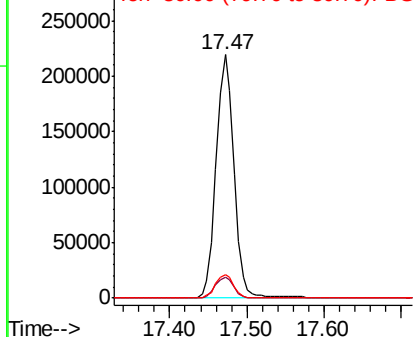


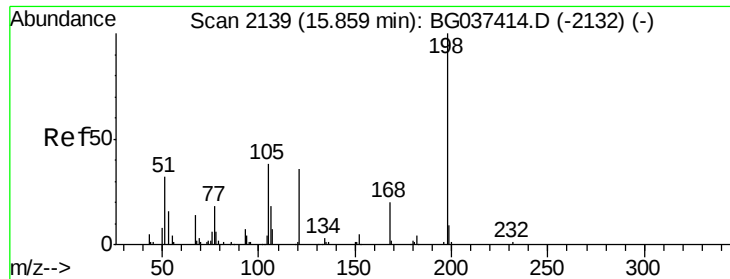
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2414
Delta R.T. -0.01 min
Lab File: BG037962.D
Acq: 13 Nov 2018 2:40

Tgt Ion:	188	Resp:	349810
Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.2	10.8
80	9.9	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

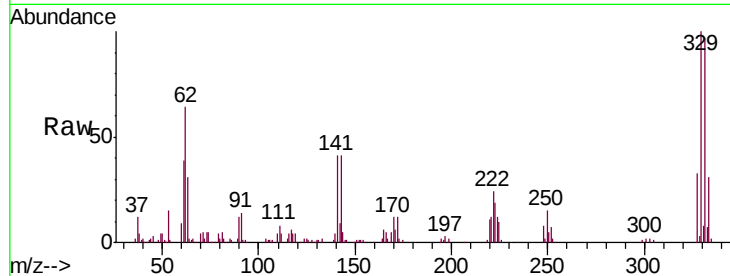




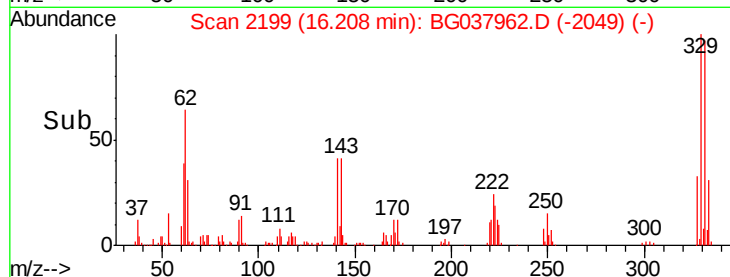
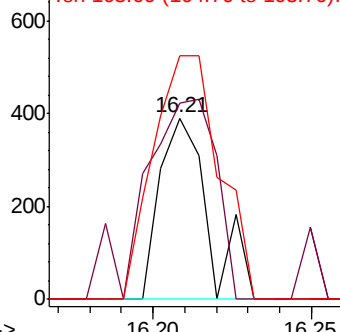
#65
 4,6-Dinitro-2-methylphenol
 Concen: 8.692 ng
 RT: 16.21 min Scan# 2199
 Delta R.T. 0.35 min
 Lab File: BG037962.D
 Acq: 13 Nov 2018 2:40

Instrument :
 BNA_G
 ClientSampleId :
 TP-4-S

Tgt Ion:198 Resp: 412
 Ion Ratio Lower Upper
 198 100
 51 24.8 22.7 62.7
 105 30.7 19.7 59.7

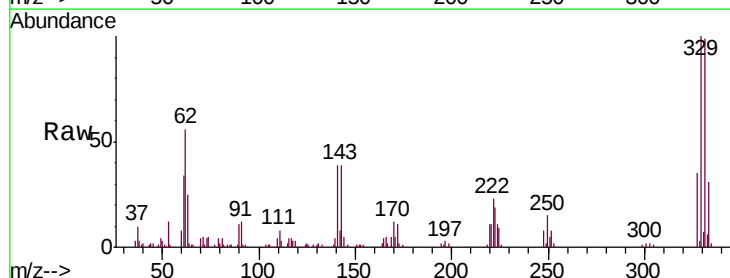


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

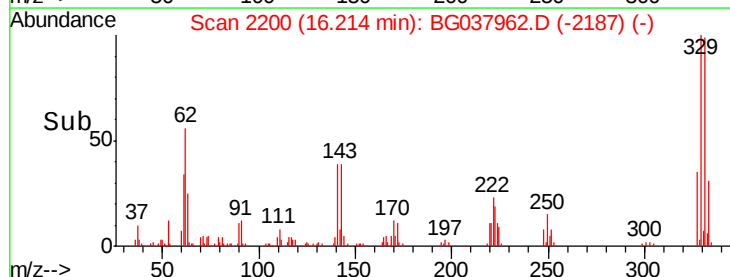
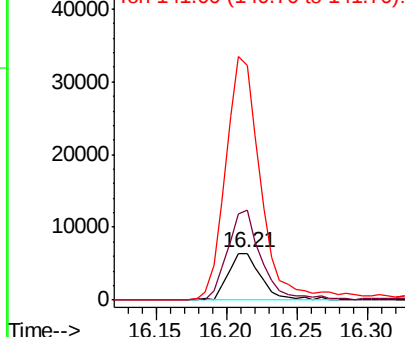


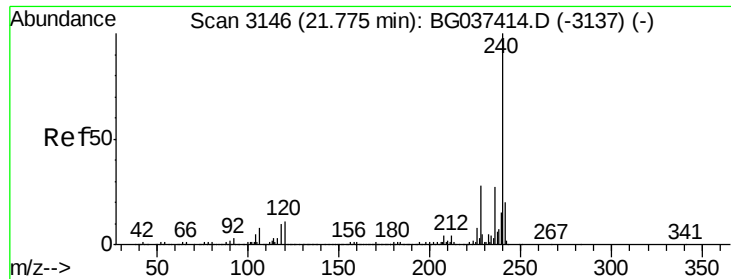
#67
 4-Bromophenyl-phenylether
 Concen: 2.704 ng
 RT: 16.21 min Scan# 2200
 Delta R.T. -0.46 min
 Lab File: BG037962.D
 Acq: 13 Nov 2018 2:40

Tgt Ion:248 Resp: 10387
 Ion Ratio Lower Upper
 248 100
 250 194.5 77.0 115.6#
 141 389.1 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

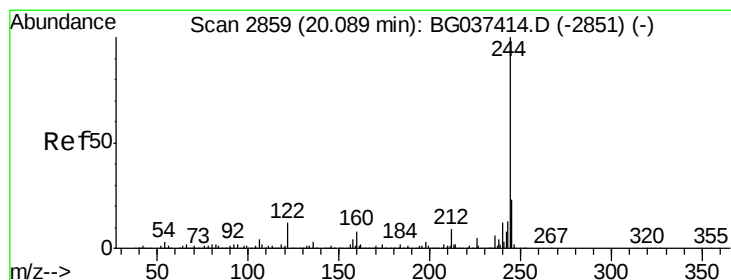
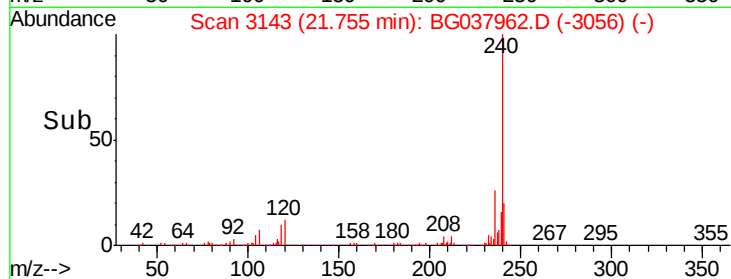
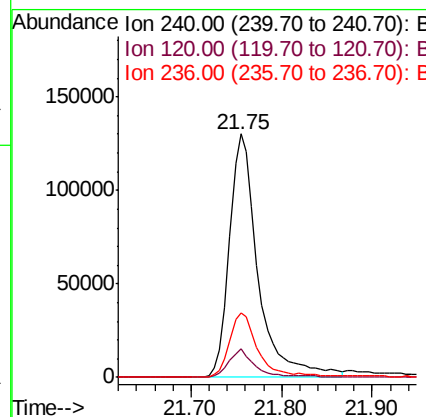
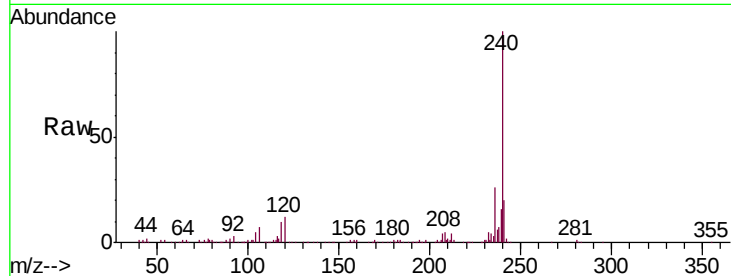




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.75 min Scan# 3143
Delta R.T. -0.02 min
Lab File: BG037962.D
Acq: 13 Nov 2018 2:40

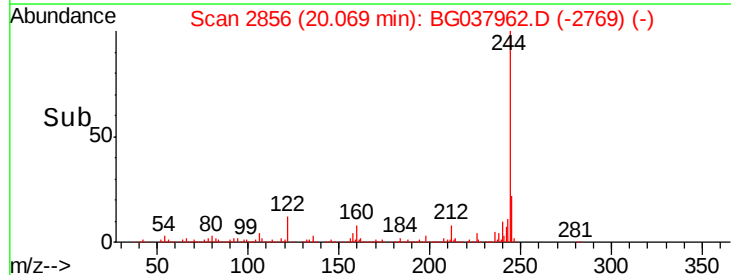
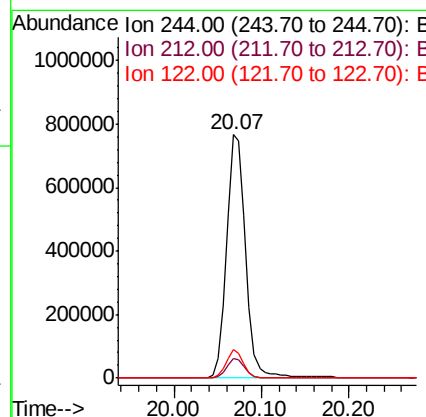
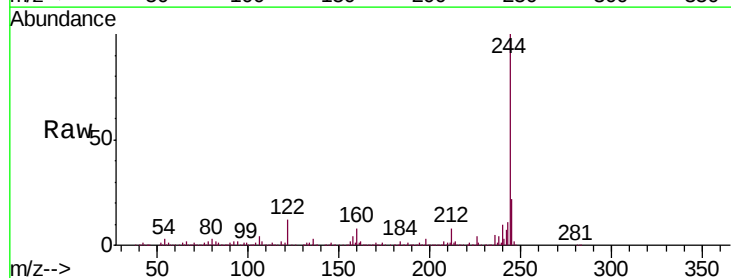
Instrument :
BNA_G
ClientSampleId :
TP-4-S

Tgt Ion:240 Resp: 286263
Ion Ratio Lower Upper
240 100
120 11.9 8.1 12.1
236 26.2 21.4 32.0



#79
Terphenyl-d14
Concen: 86.363 ng
RT: 20.07 min Scan# 2856
Delta R.T. -0.02 min
Lab File: BG037962.D
Acq: 13 Nov 2018 2:40

Tgt Ion:244 Resp: 1157001
Ion Ratio Lower Upper
244 100
212 8.1 6.5 9.7
122 11.7 9.0 13.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.08 min Scan# 3709
Delta R.T. -0.03 min
Lab File: BG037962.D
Acq: 13 Nov 2018 2:40

Instrument :
BNA_G
ClientSampleId :
TP-4-S

Tgt Ion: 264 Resp: 204321

Ion	Ratio	Lower	Upper
264	100		
260	21.3	18.2	27.4
265	20.1	17.9	26.9

