

Data File : BG037961.D
Acq On : 13 Nov 2018 2:00
Operator : JU/SJ
Sample : J5766-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HD-01-110918

Quant Time: Nov 13 04:30:35 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

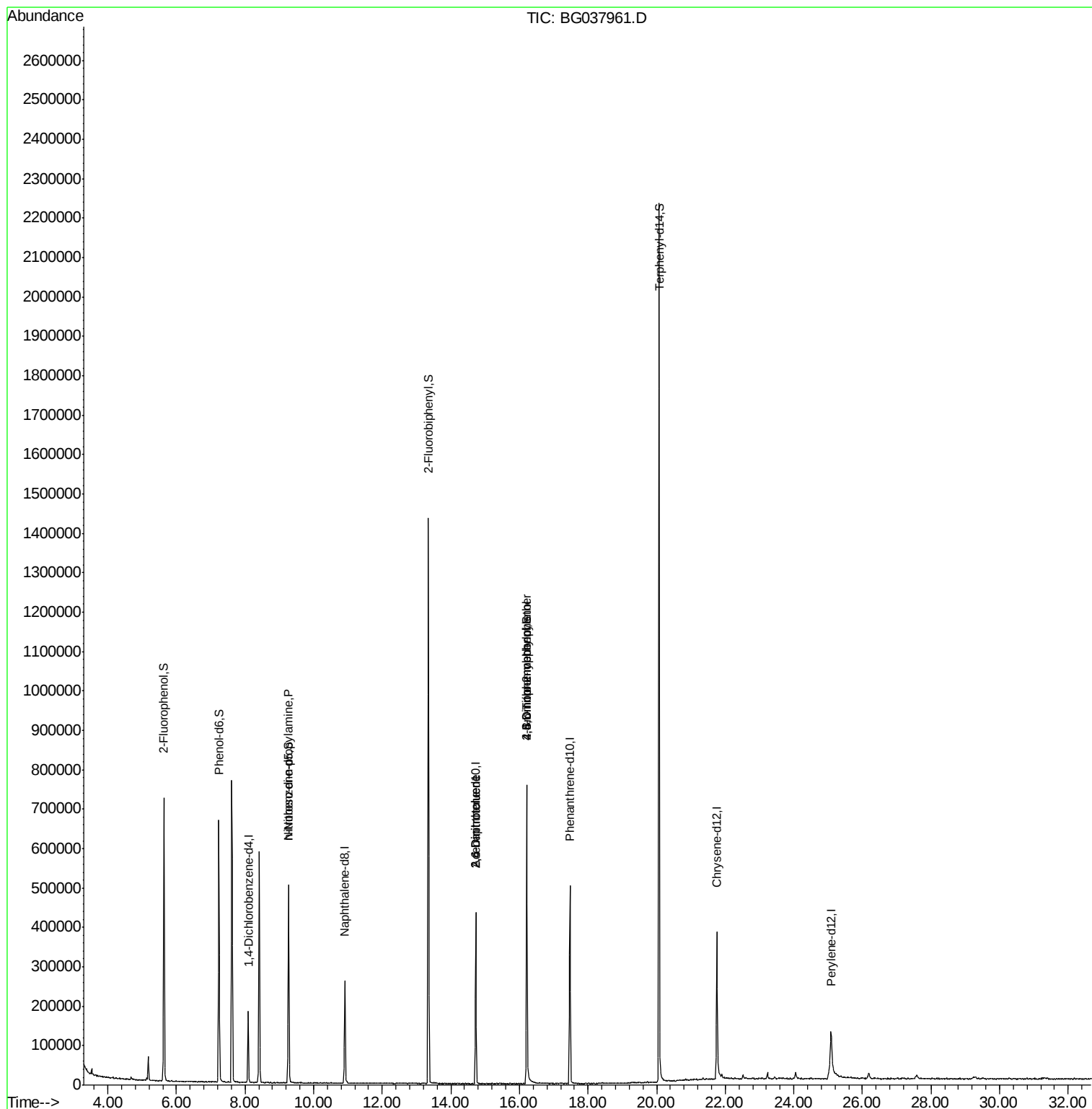
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	51981	20.00	ng	-0.02
21) Naphthalene-d8	10.91	136	235016	20.00	ng	-0.02
39) Acenaphthene-d10	14.72	164	155578	20.00	ng	-0.02
64) Phenanthrene-d10	17.47	188	340567	20.00	ng	-0.01
76) Chrysene-d12	21.76	240	291041	20.00	ng	-0.02
87) Perylene-d12	25.08	264	221135	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	328776	105.74	ng	-0.01
7) Phenol-d6	7.24	99	430155	91.49	ng	-0.01
23) Nitrobenzene-d5	9.27	82	329300	78.49	ng	-0.02
42) 2,4,6-Tribromophenol	16.22	330	153621	90.53	ng	-0.01
45) 2-Fluorobiphenyl	13.35	172	793332	76.89	ng	-0.02
79) Terphenyl-d14	20.07	244	1140924	83.76	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.27	70	41781	12.905	ng	# 73
51) 2,6-Dinitrotoluene	14.72	165	19929	7.485	ng	# 25
57) 2,4-Dinitrotoluene	14.72	165	19929	5.702	ng	# 25
65) 4,6-Dinitro-2-methylphenol	16.22	198	415	8.699	ng	# 69
67) 4-Bromophenyl-phenylether	16.21	248	10925	2.921	ng	# 1

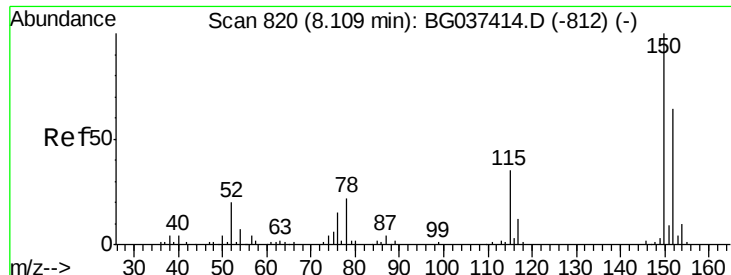
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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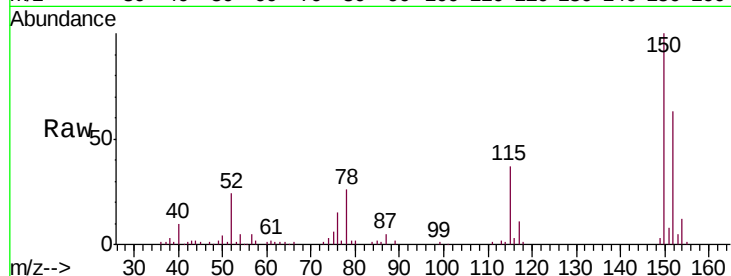


#1

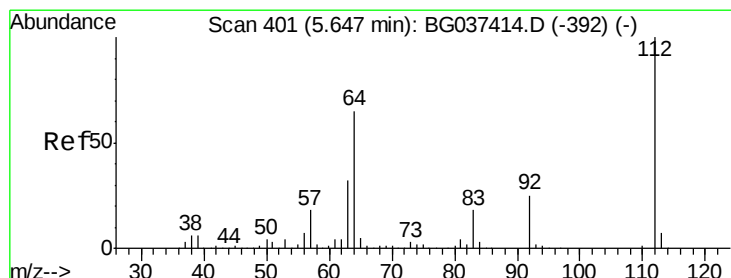
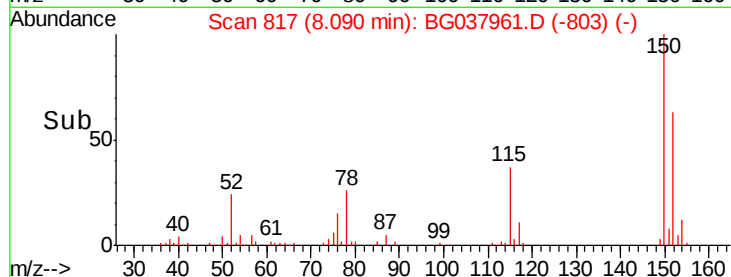
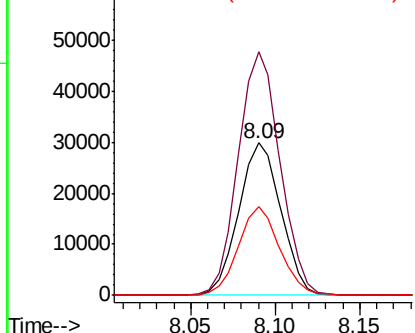
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.09 min Scan# 817
 Delta R.T. -0.02 min
 Lab File: BG037961.D
 Acq: 13 Nov 2018 2:00

Instrument :
 BNA_G
 ClientSampleId :
 HD-01-110918

Tgt Ion:152 Resp: 51981
 Ion Ratio Lower Upper
 152 100
 150 159.7 126.0 189.0
 115 58.4 45.5 68.3



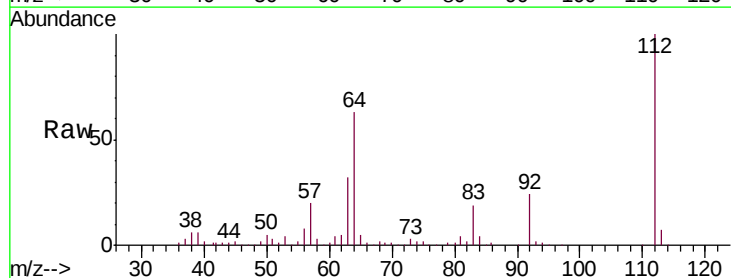
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



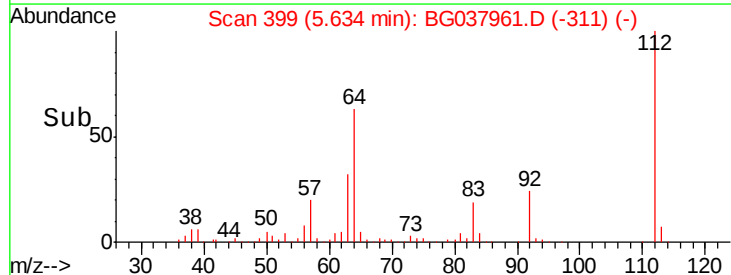
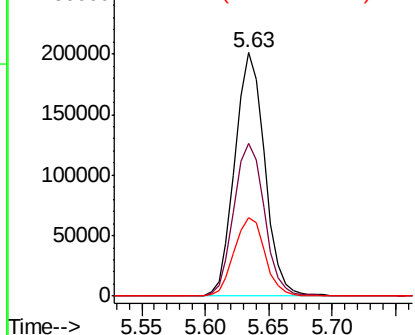
#5

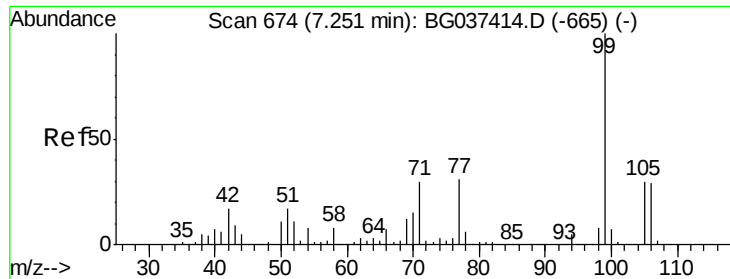
2-Fluorophenol
 Concen: 105.743 ng
 RT: 5.63 min Scan# 399
 Delta R.T. -0.01 min
 Lab File: BG037961.D
 Acq: 13 Nov 2018 2:00

Tgt Ion:112 Resp: 328776
 Ion Ratio Lower Upper
 112 100
 64 62.8 53.1 79.7
 63 32.3 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: 91.494 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.01 min

Lab File: BG037961.D

Acq: 13 Nov 2018 2:00

Instrument :

BNA_G

ClientSampleId :

HD-01-110918

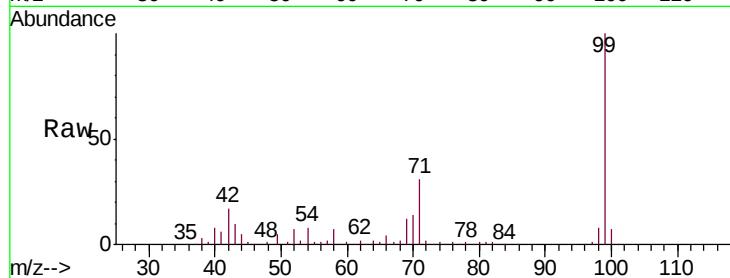
Tgt Ion: 99 Resp: 430155

Ion Ratio Lower Upper

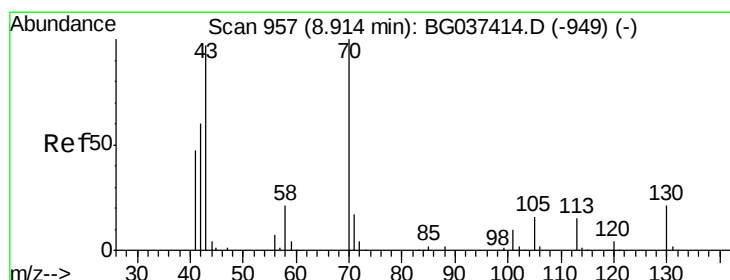
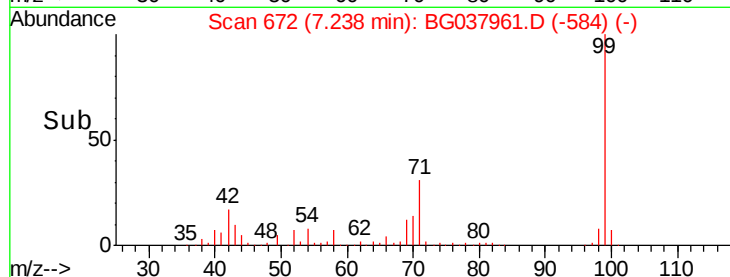
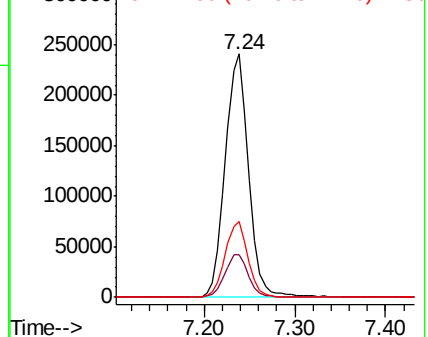
99 100

42 17.4 15.0 22.4

71 31.0 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: 12.905 ng

RT: 9.27 min Scan# 1018

Delta R.T. 0.36 min

Lab File: BG037961.D

Acq: 13 Nov 2018 2:00

Tgt Ion: 70 Resp: 41781

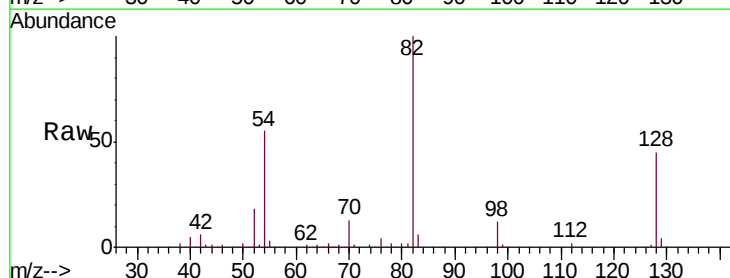
Ion Ratio Lower Upper

70 100

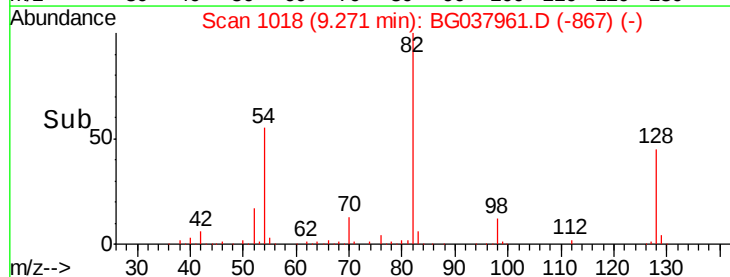
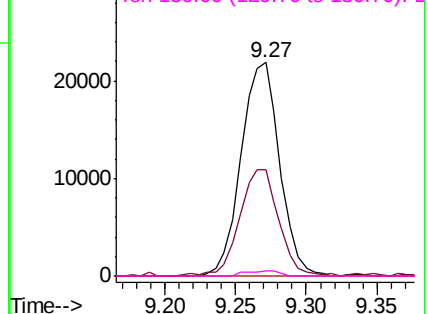
42 50.0 53.9 80.9#

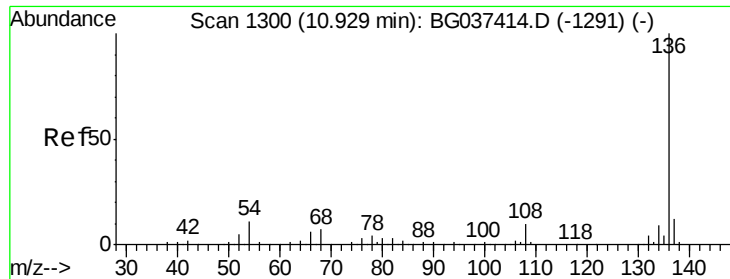
101 0.0 8.2 12.2#

130 2.5 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

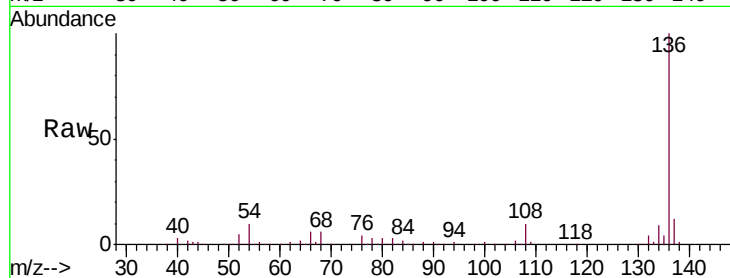




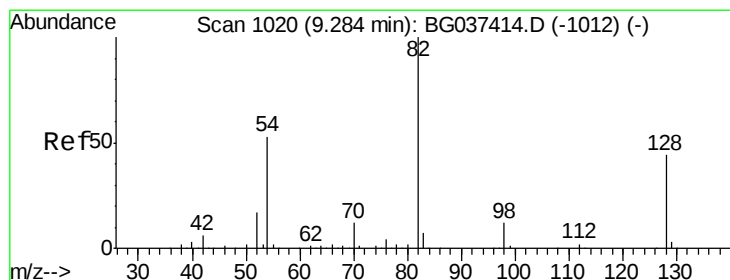
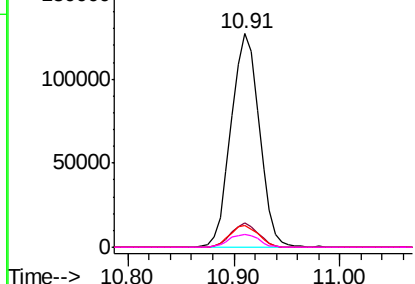
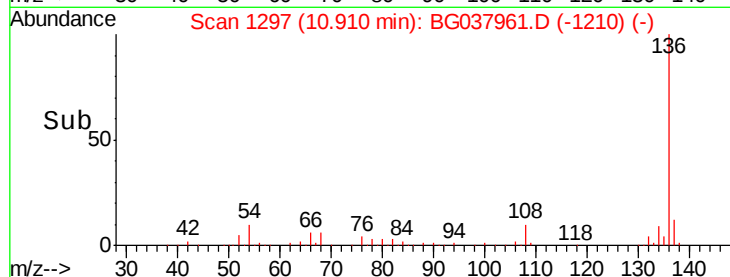
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BG037961.D
Acq: 13 Nov 2018 2:00

Instrument :
BNA_G
ClientSampleId :
HD-01-110918

Tgt Ion:	136	Resp:	235016
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.6	14.4
54	10.1	7.9	11.9
68	5.8	4.8	7.2

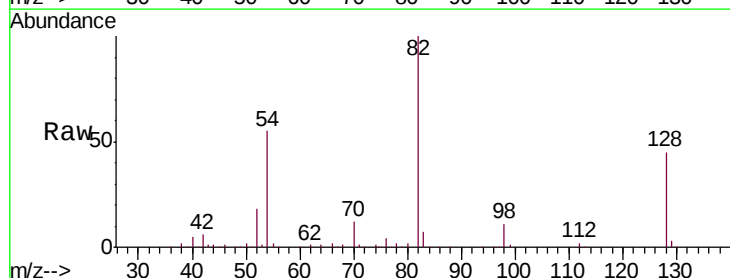


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

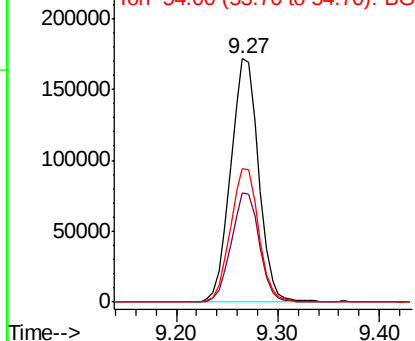
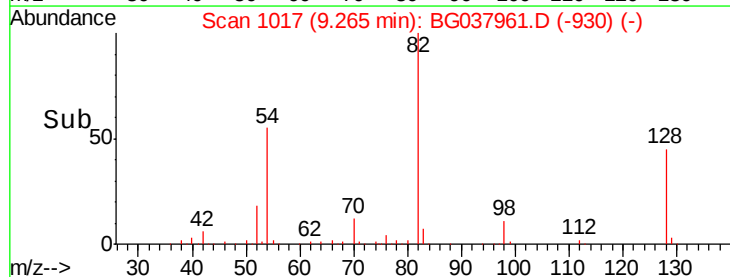


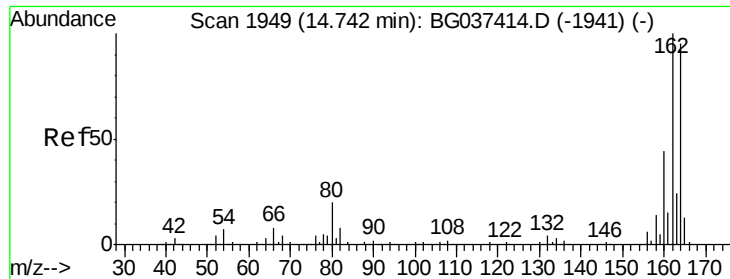
#23
Nitrobenzene-d5
Concen: 78.493 ng
RT: 9.27 min Scan# 1017
Delta R.T. -0.02 min
Lab File: BG037961.D
Acq: 13 Nov 2018 2:00

Tgt Ion:	82	Resp:	329300
Ion	Ratio	Lower	Upper
82	100		
128	44.9	34.6	51.8
54	55.0	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: BG037961.D

Acq: 13 Nov 2018 2:00

Instrument :

BNA_G

ClientSampleId :

HD-01-110918

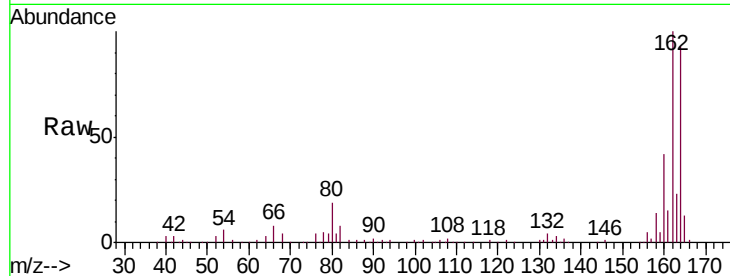
Tgt Ion:164 Resp: 155578

Ion Ratio Lower Upper

164 100

162 107.1 81.3 121.9

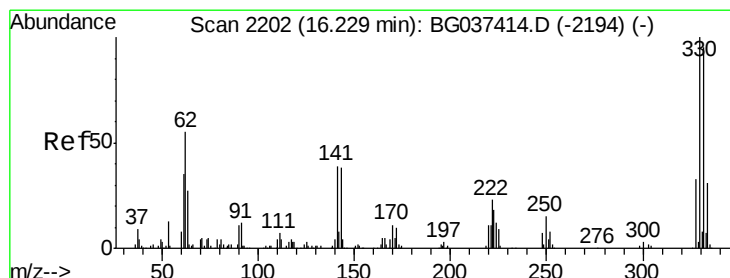
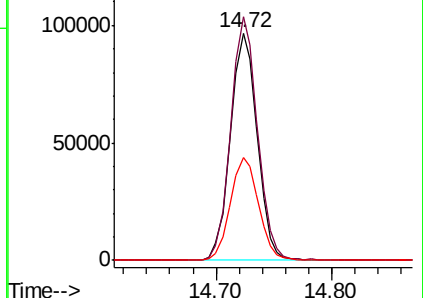
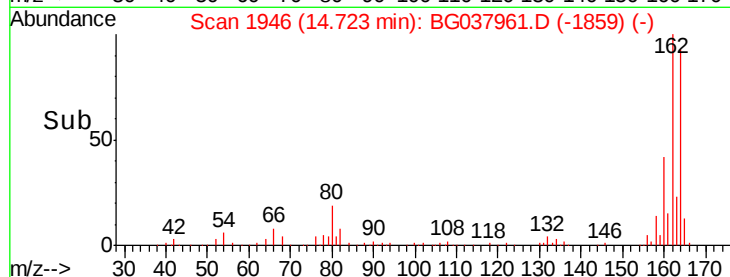
160 45.1 36.3 54.5



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: 90.532 ng

RT: 16.22 min Scan# 2200

Delta R.T. -0.01 min

Lab File: BG037961.D

Acq: 13 Nov 2018 2:00

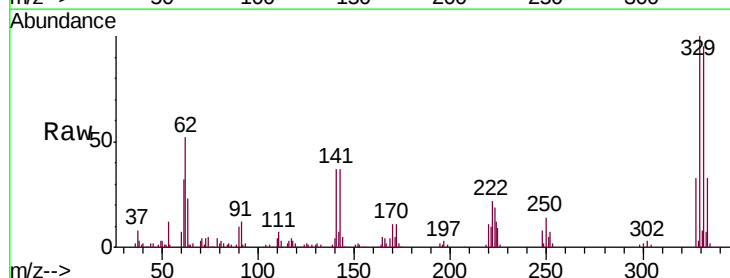
Tgt Ion:330 Resp: 153621

Ion Ratio Lower Upper

330 100

332 93.1 78.4 117.6

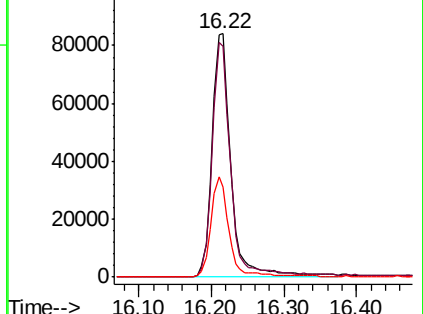
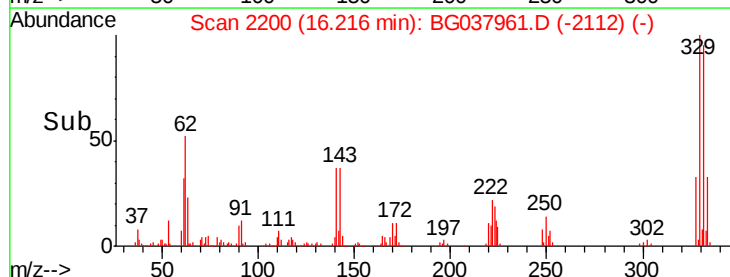
141 38.9 32.2 48.2

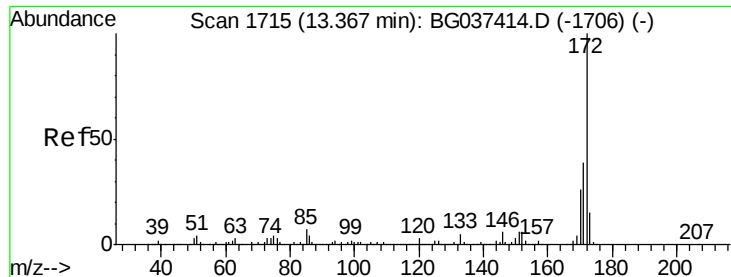


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

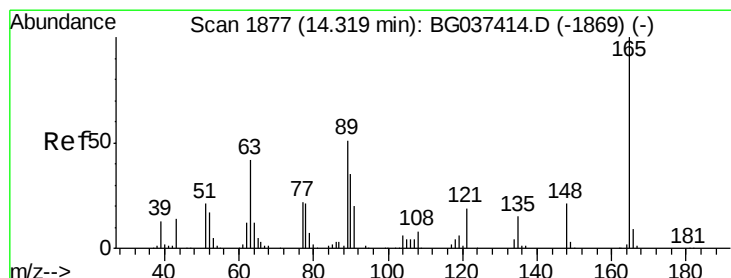
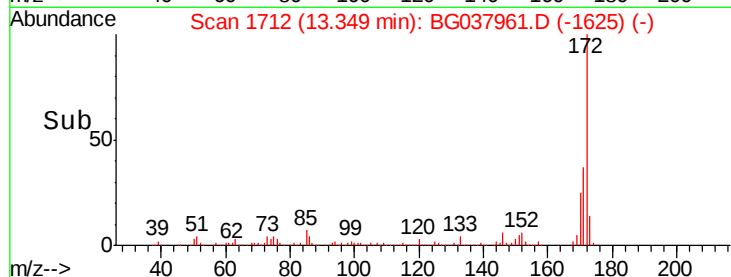
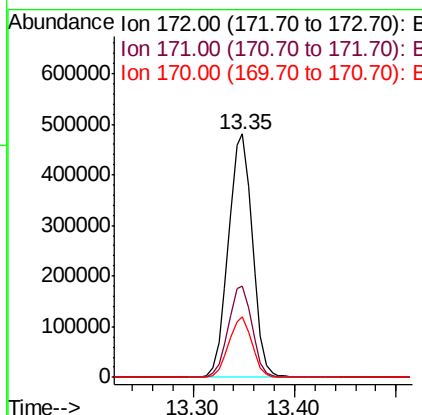
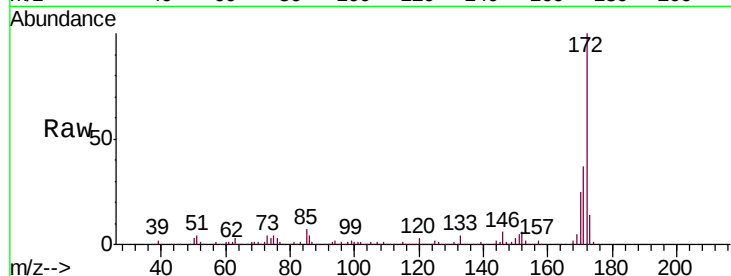




#45
 2-Fluorobiphenyl
 Concen: 76.894 ng
 RT: 13.35 min Scan# 1712
 Delta R.T. -0.02 min
 Lab File: BG037961.D
 Acq: 13 Nov 2018 2:00

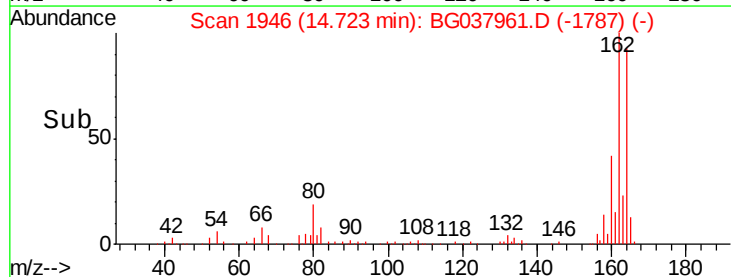
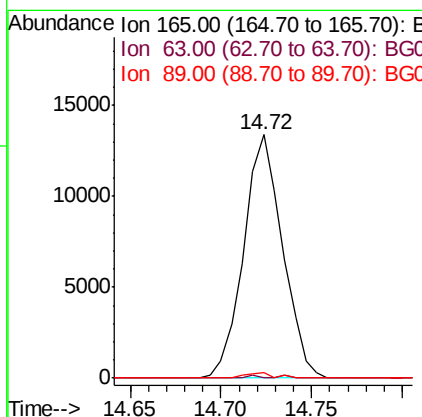
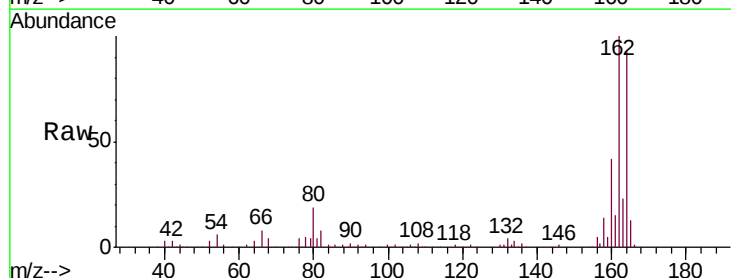
Instrument :
 BNA_G
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 HD-01-110918

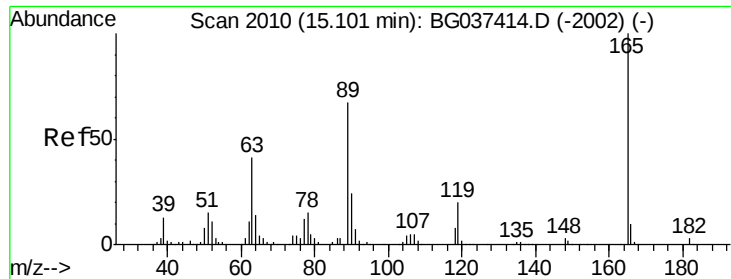
Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.5	31.0	46.4
170	24.8	20.2	30.2



#51
 2,6-Dinitrotoluene
 Concen: 7.485 ng
 RT: 14.72 min Scan# 1946
 Delta R.T. 0.40 min
 Lab File: BG037961.D
 Acq: 13 Nov 2018 2:00

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	43.4	65.2#
89	2.1	45.8	68.6#

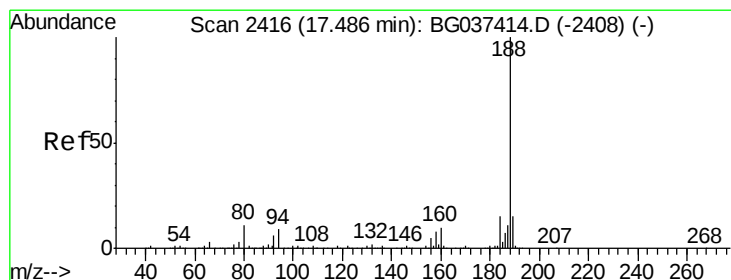
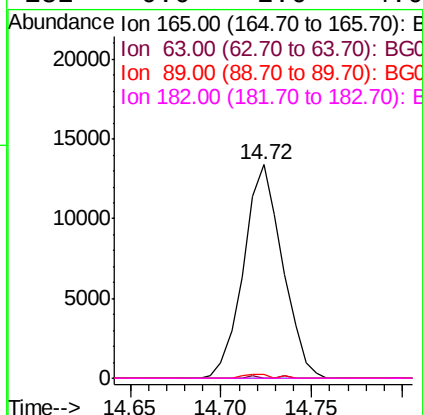
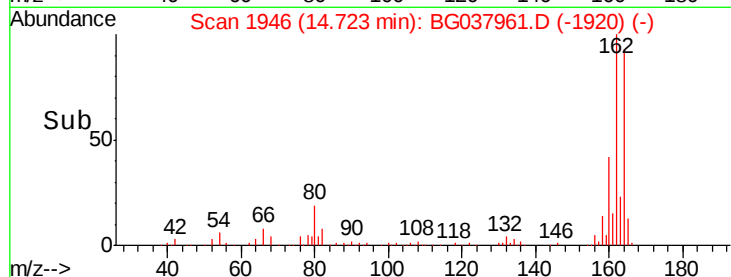
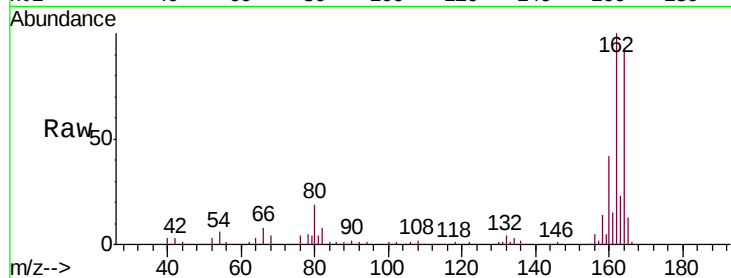




#57
 2,4-Dinitrotoluene
 Concen: 5.702 ng
 RT: 14.72 min Scan# 1946
 Delta R.T. -0.38 min
 Lab File: BG037961.D
 Acq: 13 Nov 2018 2:00

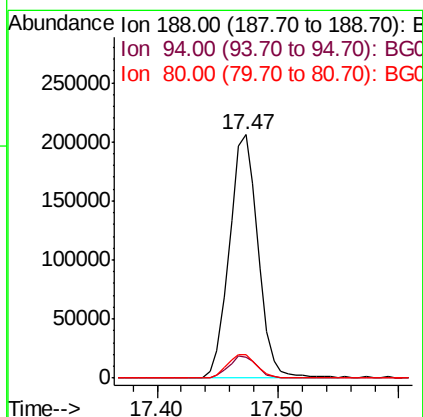
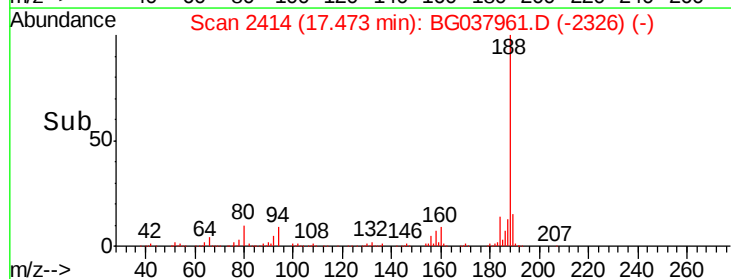
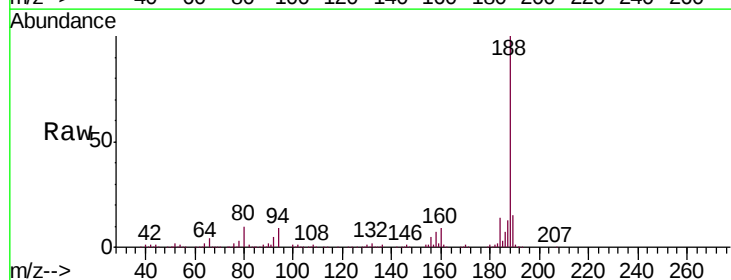
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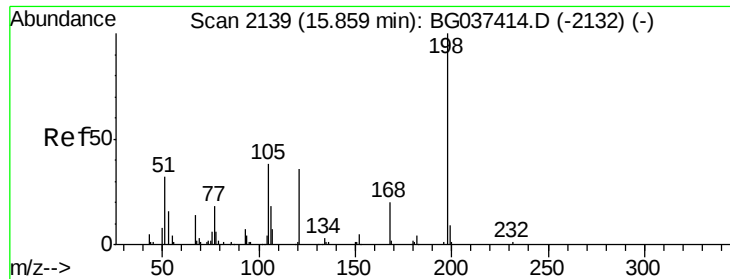
Tgt Ion:	165	Resp:	19929
Ion	Ratio	Lower	Upper
165	100		
63	0.0	33.4	50.0#
89	2.1	57.2	85.8#
182	0.0	2.6	4.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.47 min Scan# 2414
 Delta R.T. -0.01 min
 Lab File: BG037961.D
 Acq: 13 Nov 2018 2:00

Tgt Ion:	188	Resp:	340567
Ion	Ratio	Lower	Upper
188	100		
94	8.6	7.2	10.8
80	9.8	7.7	11.5





#65

4,6-Dinitro-2-methylphenol

Concen: 8.699 ng

RT: 16.22 min Scan# 2200

Delta R.T. 0.36 min

Lab File: BG037961.D

Acq: 13 Nov 2018 2:00

Instrument :

BNA_G

ClientSampleId :

HD-01-110918

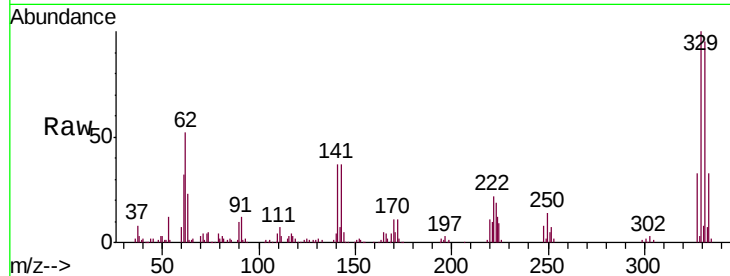
Tgt Ion:198 Resp: 415

Ion Ratio Lower Upper

198 100

51 27.8 22.7 62.7

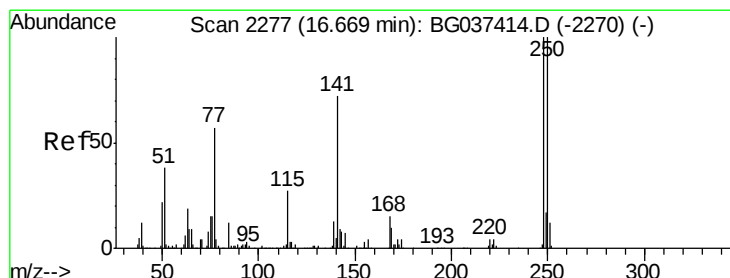
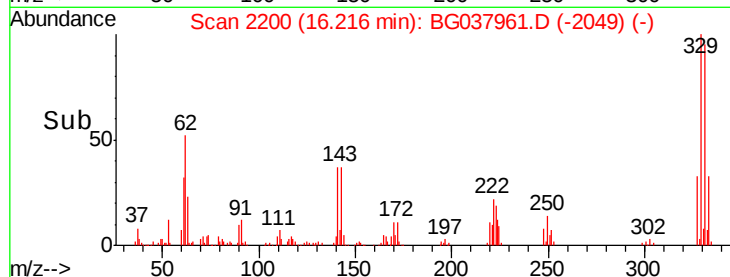
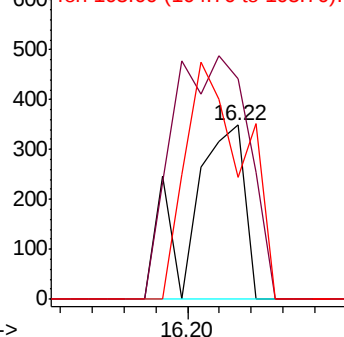
105 15.4 19.7 59.7#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG0

Ion 105.00 (104.70 to 105.70): E



#67

4-Bromophenyl-phenylether

Concen: 2.921 ng

RT: 16.21 min Scan# 2199

Delta R.T. -0.46 min

Lab File: BG037961.D

Acq: 13 Nov 2018 2:00

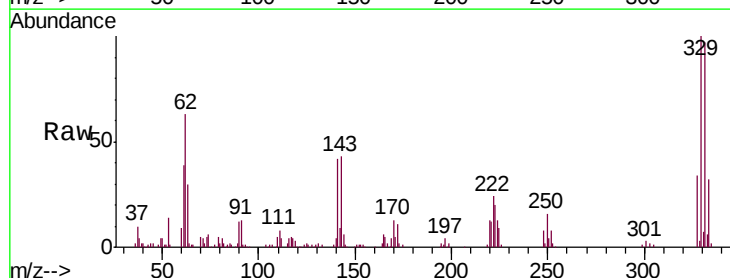
Tgt Ion:248 Resp: 10925

Ion Ratio Lower Upper

248 100

250 189.4 77.0 115.6#

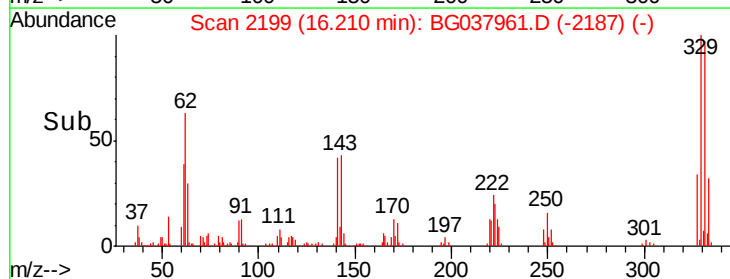
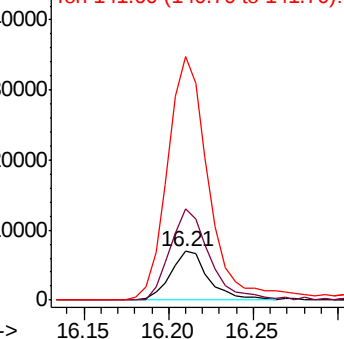
141 398.8 55.5 83.3#

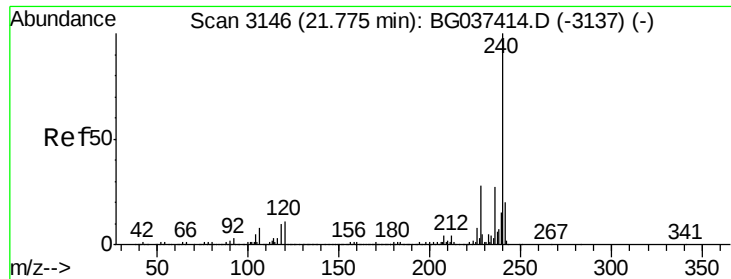


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

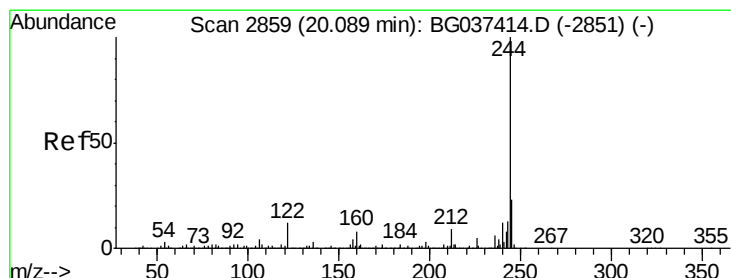
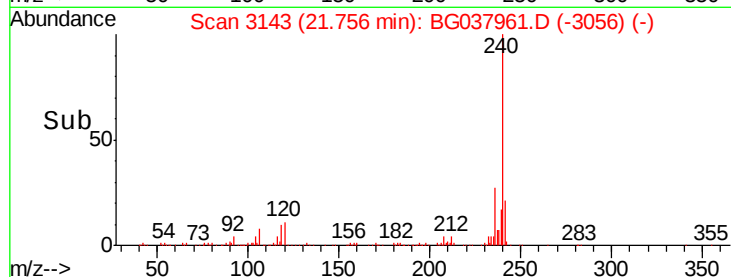
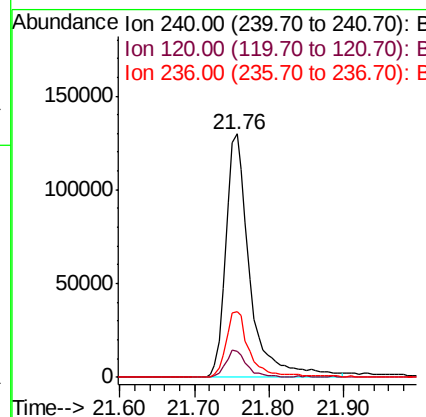
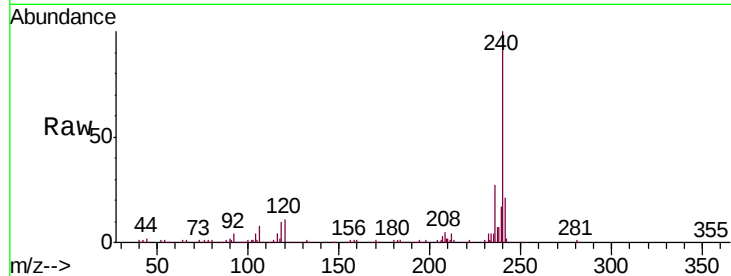




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3143
Delta R.T. -0.02 min
Lab File: BG037961.D
Acq: 13 Nov 2018 2:00

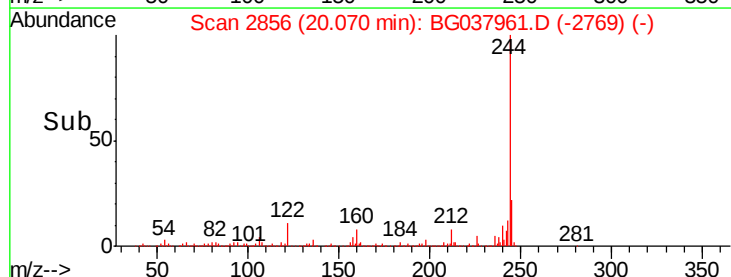
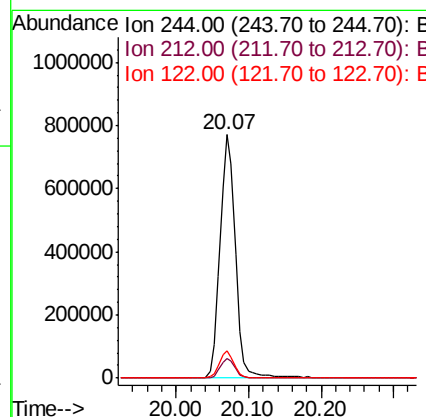
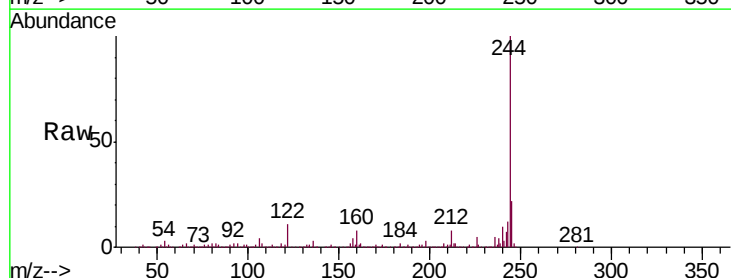
Instrument :
BNA_G
ClientSampleId :
HD-01-110918

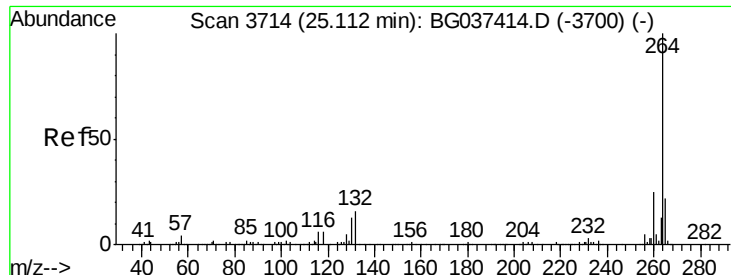
Tgt Ion:240 Resp: 291041
Ion Ratio Lower Upper
240 100
120 10.8 8.1 12.1
236 26.9 21.4 32.0



#79
Terphenyl-d14
Concen: 83.764 ng
RT: 20.07 min Scan# 2856
Delta R.T. -0.02 min
Lab File: BG037961.D
Acq: 13 Nov 2018 2:00

Tgt Ion:244 Resp: 1140924
Ion Ratio Lower Upper
244 100
212 8.2 6.5 9.7
122 11.3 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: BG037961.D
Acq: 13 Nov 2018 2:00

Instrument :
BNA_G
ClientSampleId :
HD-01-110918

Tgt Ion:	264	Resp:	221135
Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.2	27.4
265	21.9	17.9	26.9

