

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG110718\
 Data File : BG037859.D
 Acq On : 7 Nov 2018 10:54
 Operator : JU/SJ
 Sample : PB114539BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB114539BL

Quant Time: Nov 07 12:59:38 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

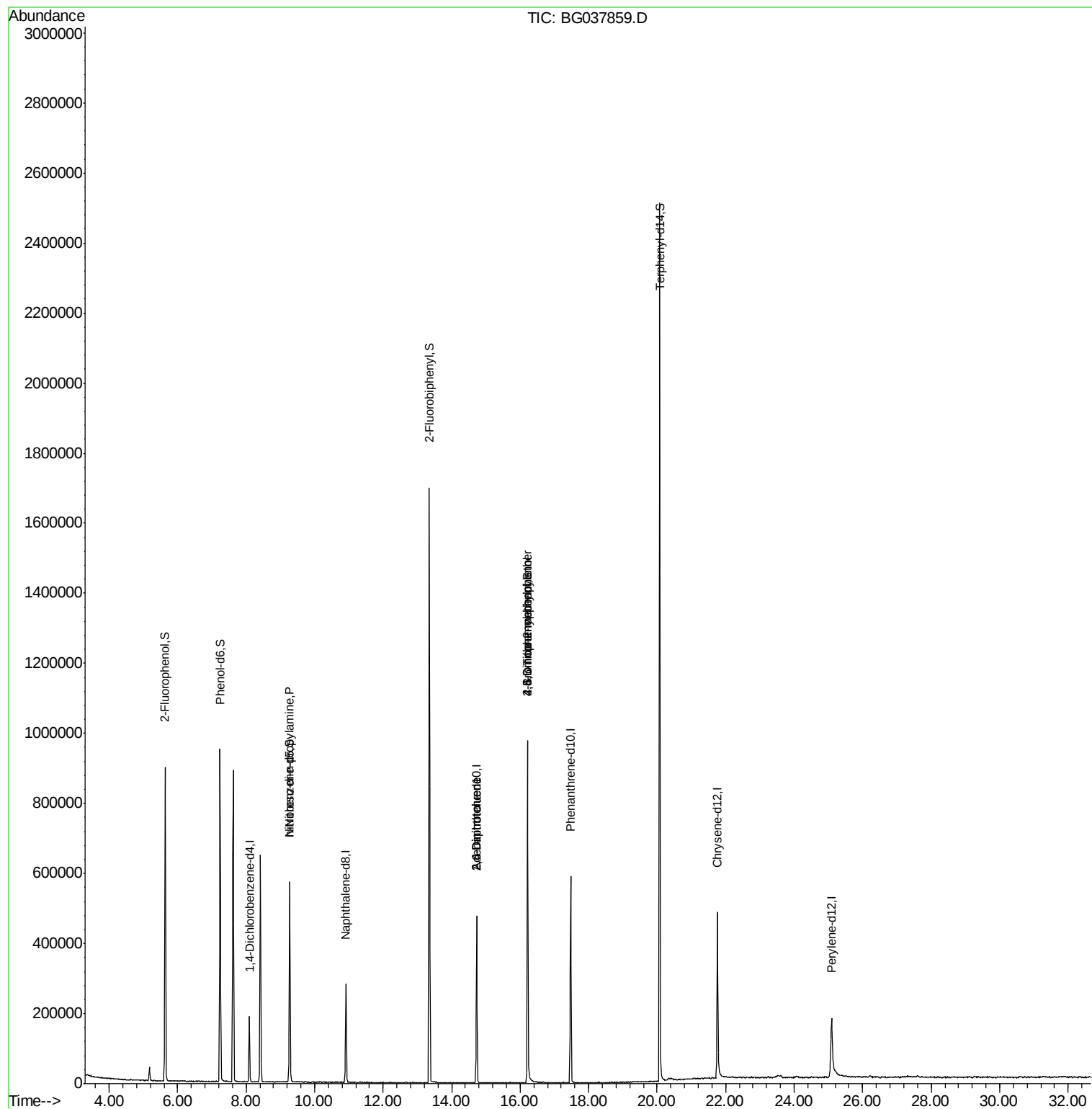
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	55828	20.00	ng	-0.02
21) Naphthalene-d8	10.92	136	264065	20.00	ng	-0.01
39) Acenaphthene-d10	14.72	164	176207	20.00	ng	-0.02
64) Phenanthrene-d10	17.47	188	396946	20.00	ng	-0.01
76) Chrysene-d12	21.76	240	352386	20.00	ng	-0.02
87) Perylene-d12	25.09	264	276015	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	418074	125.20	ng	-0.01
7) Phenol-d6	7.24	99	615625	121.92	ng	-0.01
23) Nitrobenzene-d5	9.27	82	366230	77.69	ng	-0.01
42) 2,4,6-Tribromophenol	16.22	330	203849	106.07	ng	-0.01
45) 2-Fluorobiphenyl	13.35	172	923619	79.04	ng	-0.02
79) Terphenyl-d14	20.08	244	1324677	80.32	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.27	70	45580	13.109	ng	# 71
51) 2,6-Dinitrotoluene	14.73	165	22719	7.534	ng	# 26
57) 2,4-Dinitrotoluene	14.73	165	22719	5.739	ng	# 26
65) 4,6-Dinitro-2-methylphenol	16.22	198	756	8.806	ng	76
67) 4-Bromophenyl-phenylether	16.21	248	14260	3.271	ng	# 1

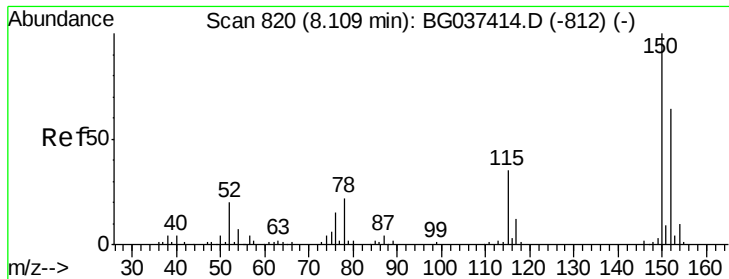
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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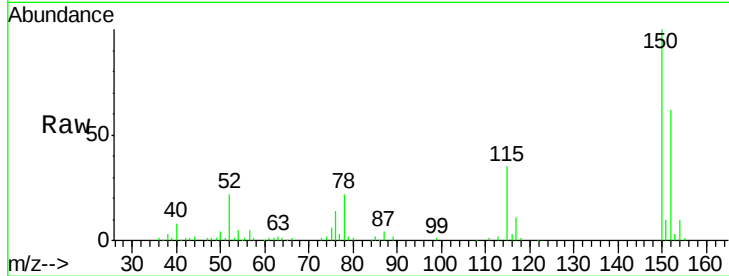


#1

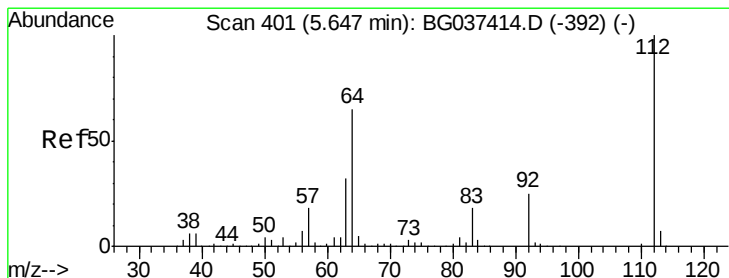
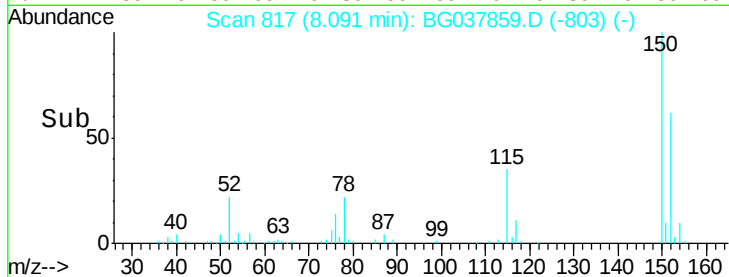
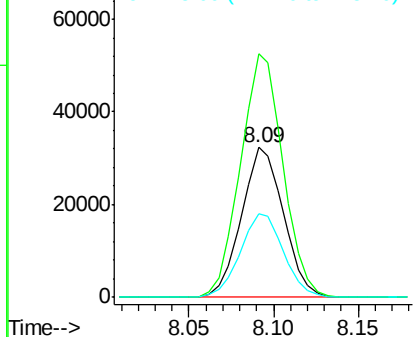
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 817
Delta R.T. -0.02 min
Lab File: BG037859.D
Acq: 7 Nov 2018 10:54

Instrument :
BNA_G
ClientSampleId :
PB114539BL

Tgt Ion:152 Resp: 55828
Ion Ratio Lower Upper
152 100
150 162.5 126.0 189.0
115 56.1 45.5 68.3



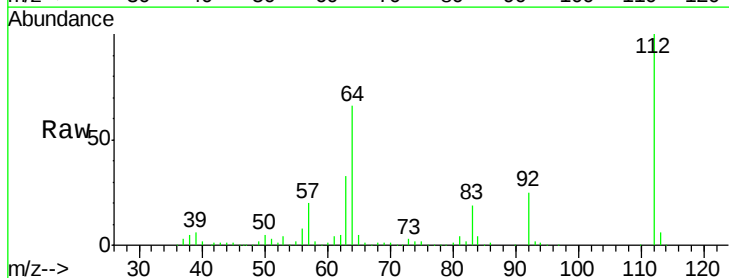
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



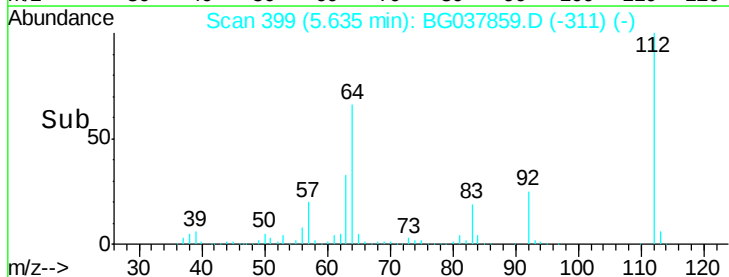
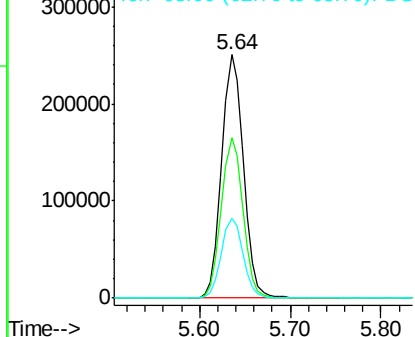
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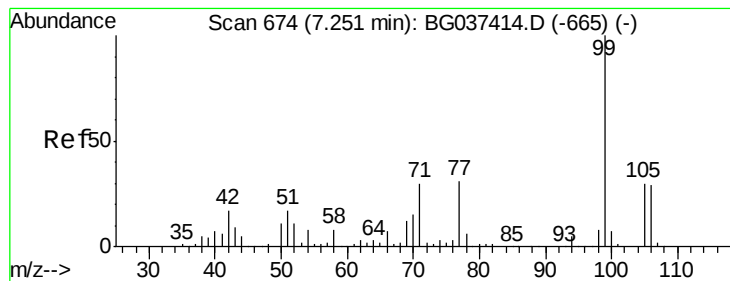
2-Fluorophenol
Concen: 125.199 ng
RT: 5.64 min Scan# 399
Delta R.T. -0.01 min
Lab File: BG037859.D
Acq: 7 Nov 2018 10:54

Tgt Ion:112 Resp: 418074
Ion Ratio Lower Upper
112 100
64 65.9 53.1 79.7
63 32.6 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: 121.920 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.01 min

Lab File: BG037859.D

Acq: 7 Nov 2018 10:54

Instrument :

BNA_G

ClientSampleId :

PB114539BL

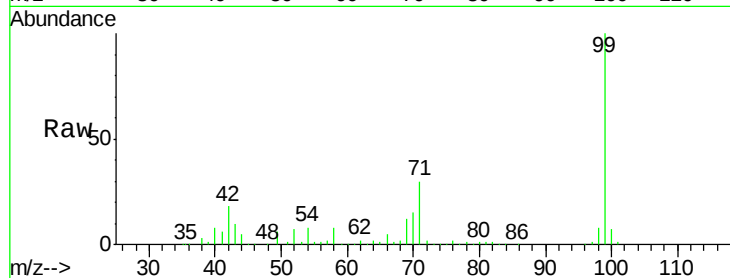
Tgt Ion: 99 Resp: 615625

Ion Ratio Lower Upper

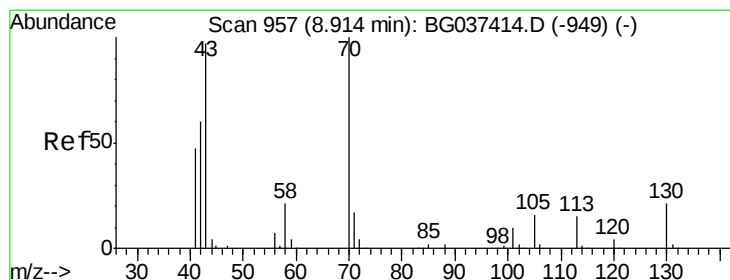
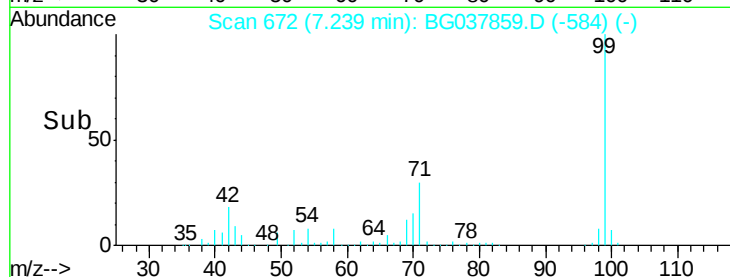
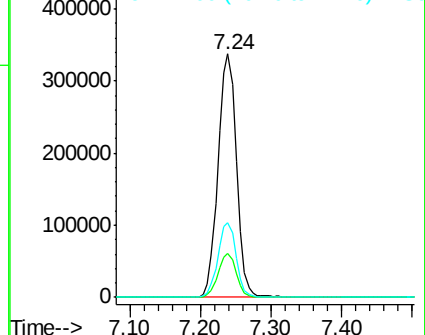
99 100

42 17.9 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: 13.109 ng

RT: 9.27 min Scan# 1018

Delta R.T. 0.36 min

Lab File: BG037859.D

Acq: 7 Nov 2018 10:54

Tgt Ion: 70 Resp: 45580

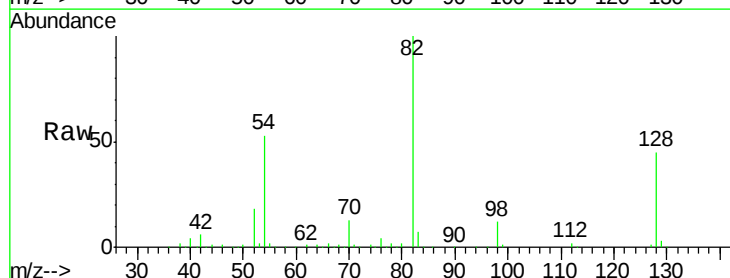
Ion Ratio Lower Upper

70 100

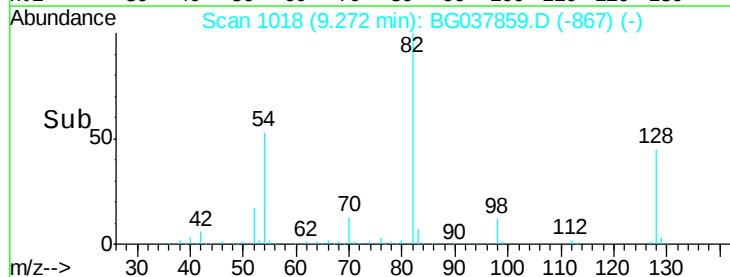
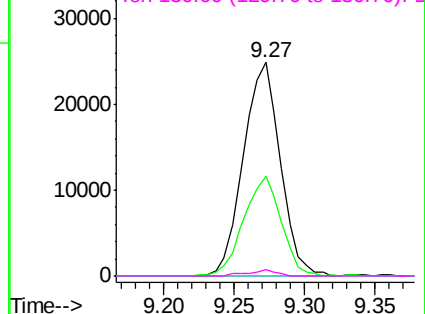
42 46.8 53.9 80.9#

101 0.0 8.2 12.2#

130 3.2 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

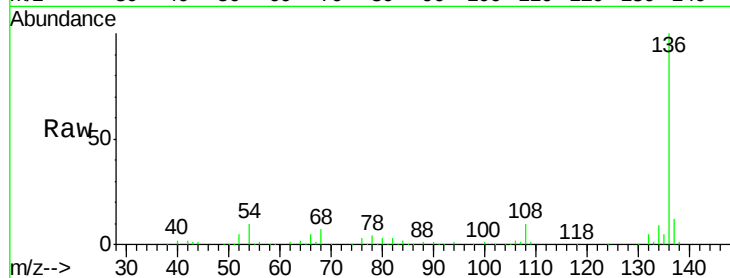




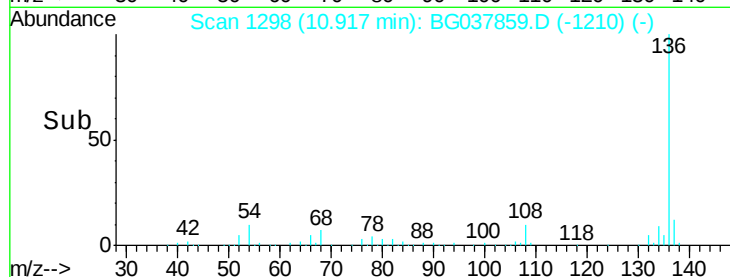
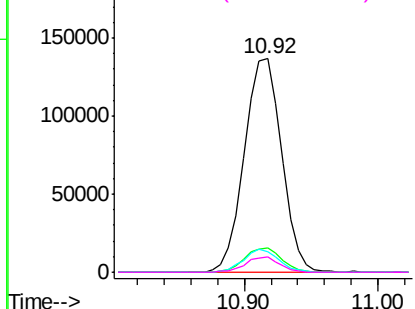
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BG037859.D
Acq: 7 Nov 2018 10:54

Instrument :
BNA_G
ClientSampleId :
PB114539BL

Tgt Ion:	136	Resp:	264065
Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.6	14.4
54	9.9	7.9	11.9
68	7.3	4.8	7.2#

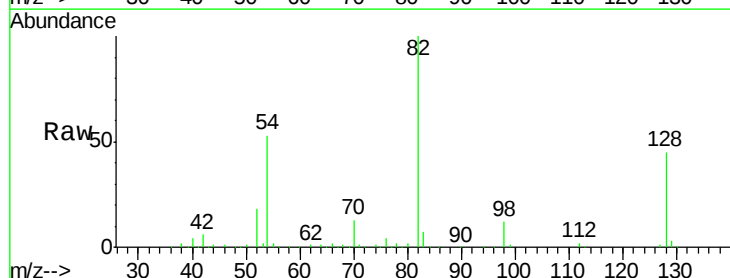


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

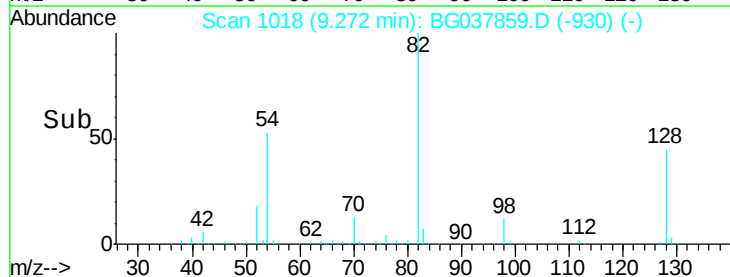
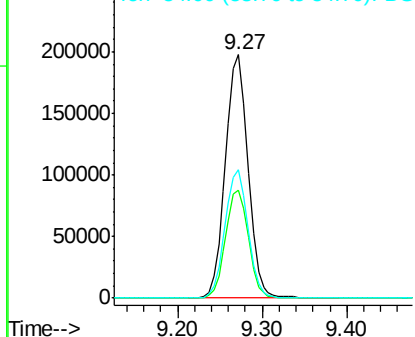


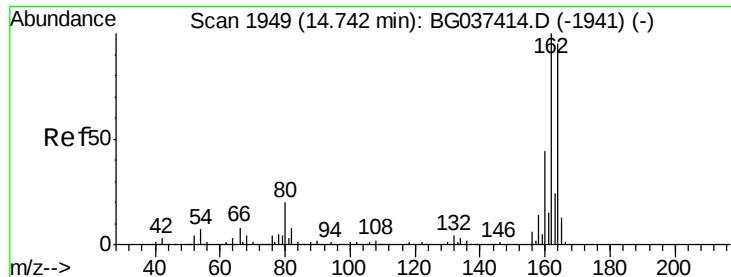
#23
Nitrobenzene-d5
Concen: 77.692 ng
RT: 9.27 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BG037859.D
Acq: 7 Nov 2018 10:54

Tgt Ion:	82	Resp:	366230
Ion	Ratio	Lower	Upper
82	100		
128	44.6	34.6	51.8
54	52.9	45.3	67.9



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

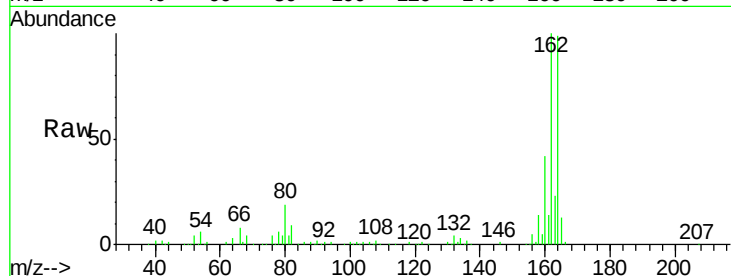




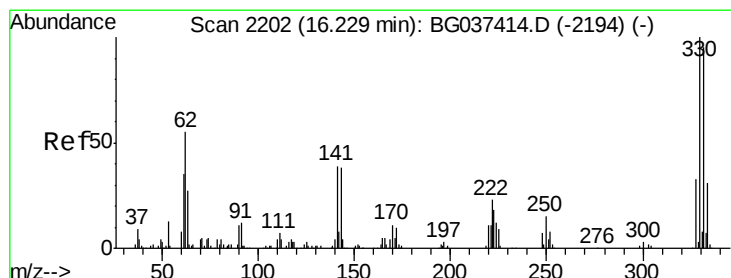
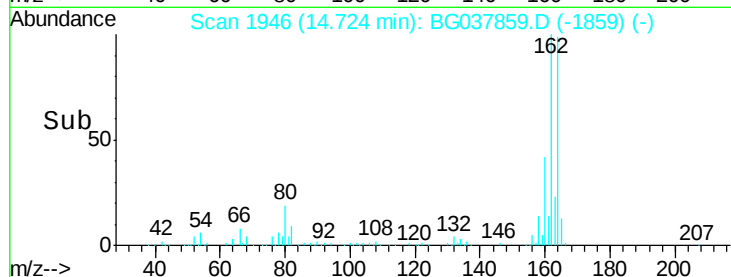
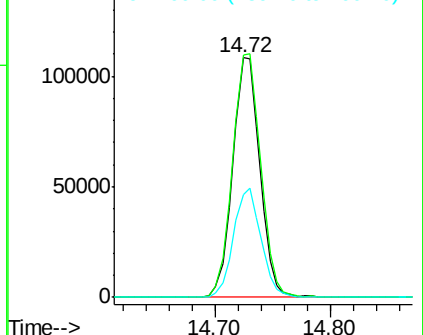
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1946
Delta R.T. -0.02 min
Lab File: BG037859.D
Acq: 7 Nov 2018 10:54

Instrument :
BNA_G
ClientSampleId :
PB114539BL

Tgt Ion:164 Resp: 176207
Ion Ratio Lower Upper
164 100
162 101.1 81.3 121.9
160 42.7 36.3 54.5

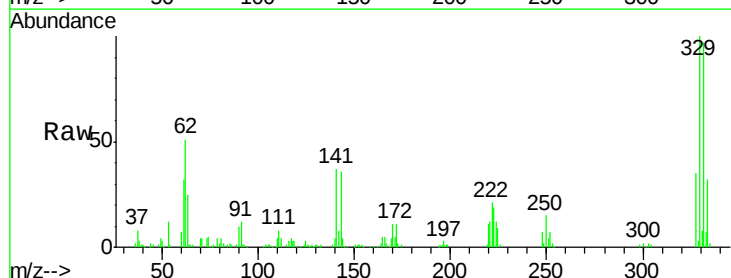


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

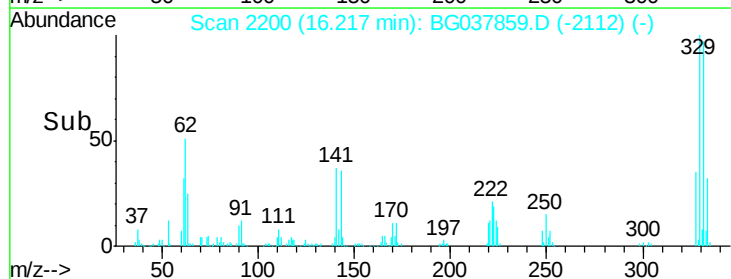
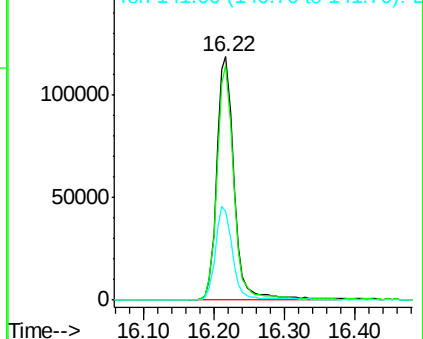


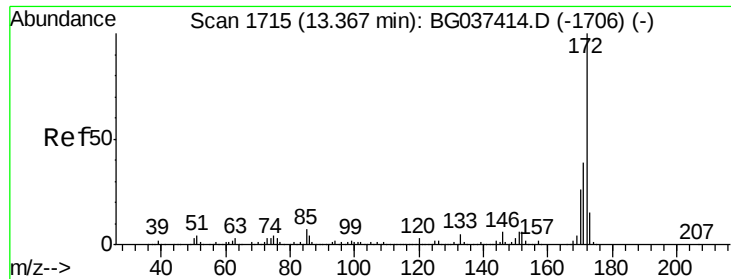
#42
2,4,6-Tribromophenol
Concen: 106.068 ng
RT: 16.22 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BG037859.D
Acq: 7 Nov 2018 10:54

Tgt Ion:330 Resp: 203849
Ion Ratio Lower Upper
330 100
332 93.0 78.4 117.6
141 37.9 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

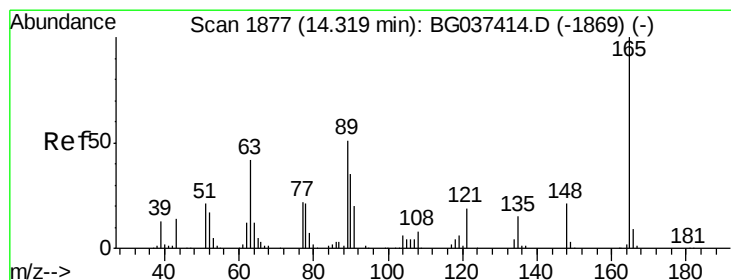
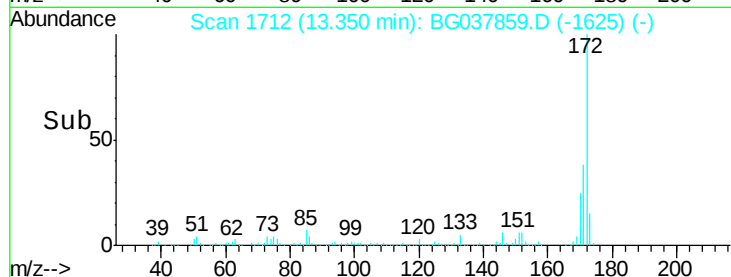
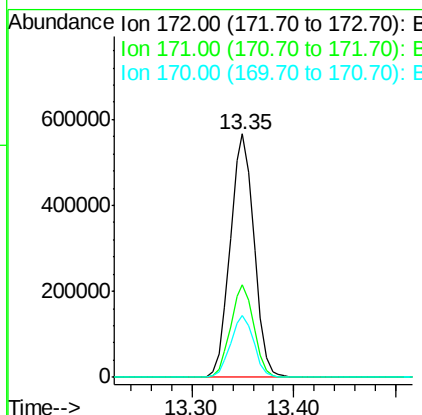
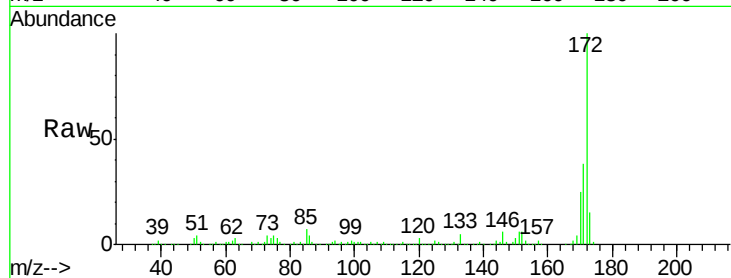




#45
 2-Fluorobiphenyl
 Concen: 79.041 ng
 RT: 13.35 min Scan# 1712
 Delta R.T. -0.02 min
 Lab File: BG037859.D
 Acq: 7 Nov 2018 10:54

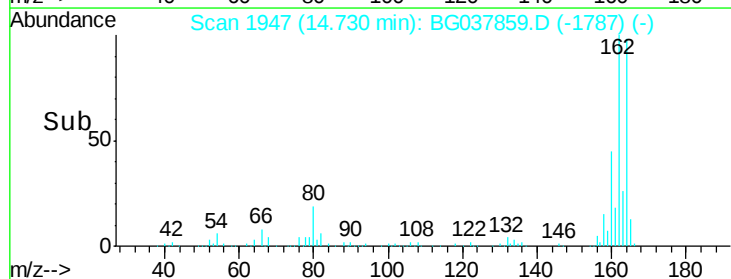
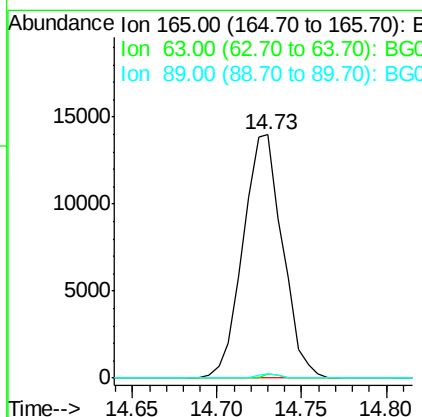
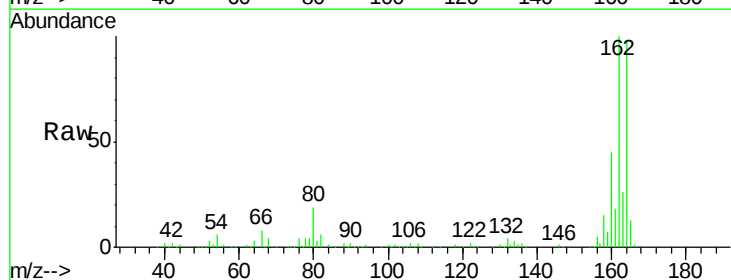
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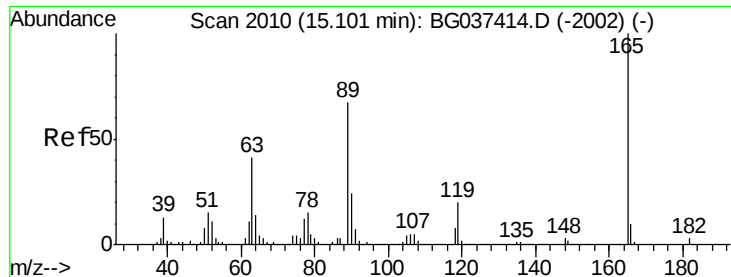
Tgt Ion:172 Resp: 923619
 Ion Ratio Lower Upper
 172 100
 171 38.1 31.0 46.4
 170 25.5 20.2 30.2



#51
 2,6-Dinitrotoluene
 Concen: 7.534 ng
 RT: 14.73 min Scan# 1947
 Delta R.T. 0.41 min
 Lab File: BG037859.D
 Acq: 7 Nov 2018 10:54

Tgt Ion:165 Resp: 22719
 Ion Ratio Lower Upper
 165 100
 63 1.8 43.4 65.2#
 89 1.9 45.8 68.6#

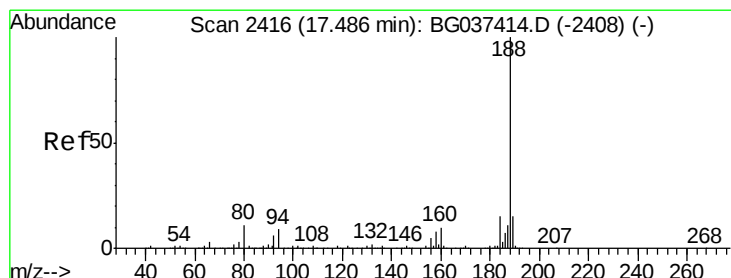
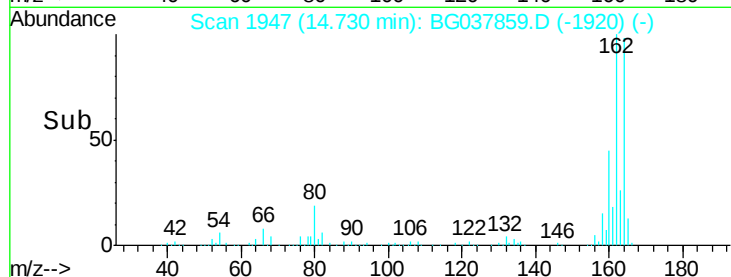
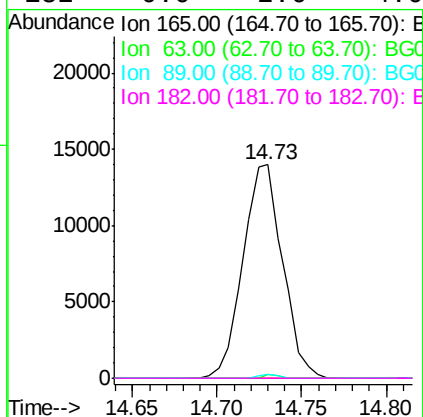
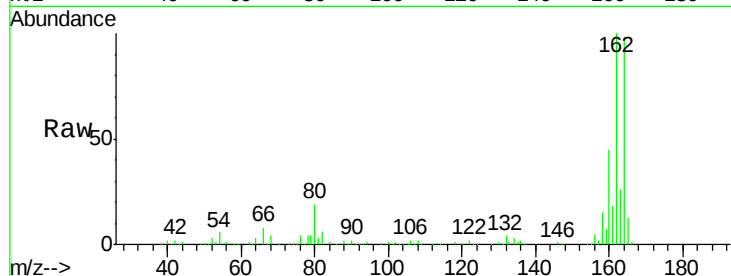




#57
 2,4-Dinitrotoluene
 Concen: 5.739 ng
 RT: 14.73 min Scan# 1947
 Delta R.T. -0.37 min
 Lab File: BG037859.D
 Acq: 7 Nov 2018 10:54

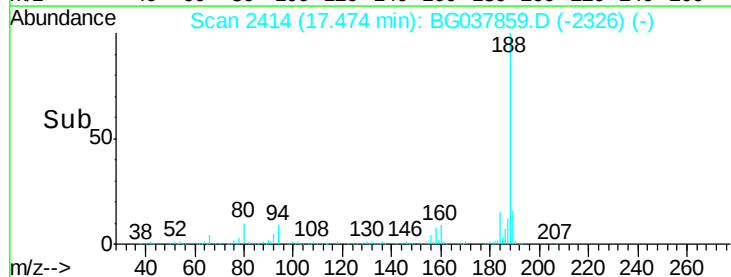
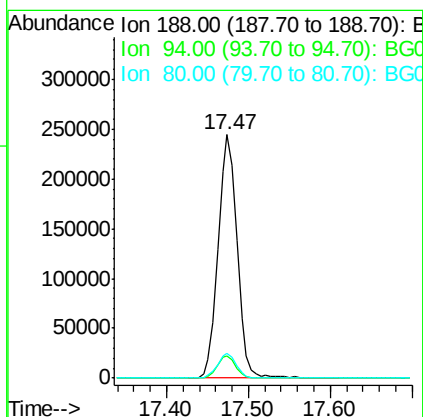
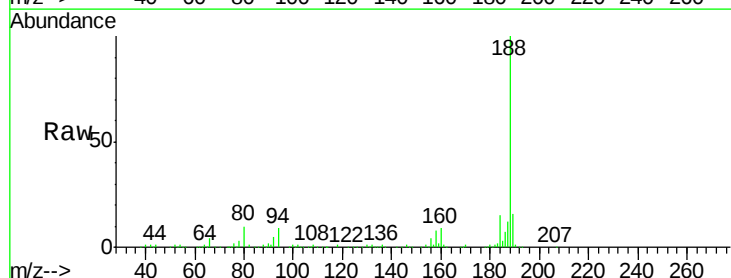
Instrument :
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 ClientSampleId :
 PB114539BL

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.8	33.4	50.0#
89	1.9	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: BG037859.D
 Acq: 7 Nov 2018 10:54

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.2	10.8
80	10.1	7.7	11.5

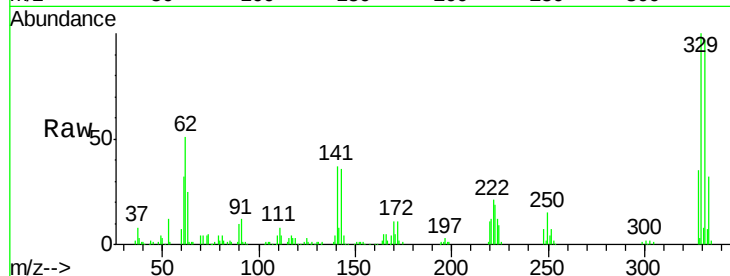




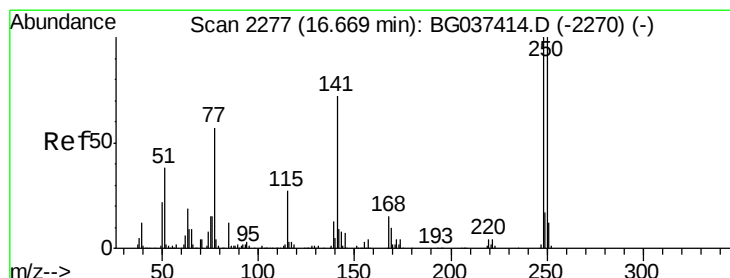
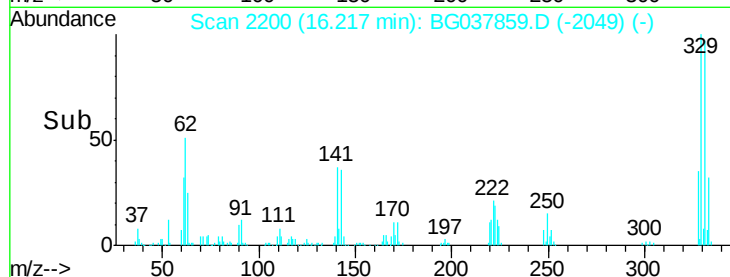
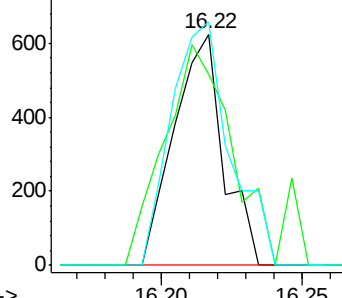
#65
 4,6-Dinitro-2-methylphenol
 Concen: 8.806 ng
 RT: 16.22 min Scan# 2200
 Delta R.T. 0.36 min
 Lab File: BG037859.D
 Acq: 7 Nov 2018 10:54

Instrument :
 BNA_G
 ClientSampleId :
 PB114539BL

Tgt Ion:198 Resp: 756
 Ion Ratio Lower Upper
 198 100
 51 23.0 22.7 62.7
 105 29.4 19.7 59.7

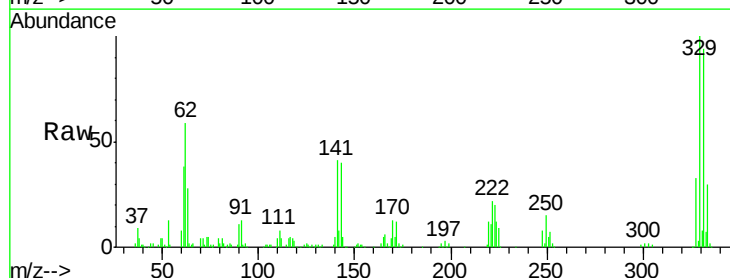


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

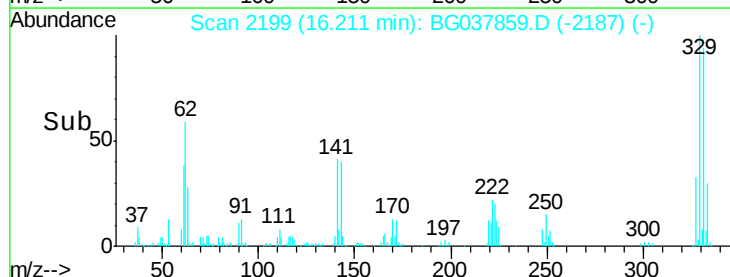
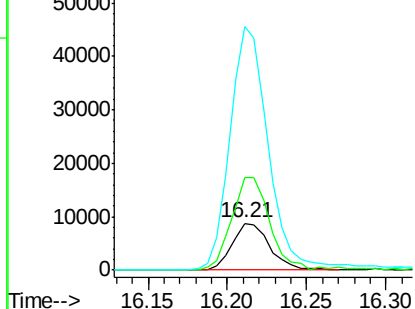


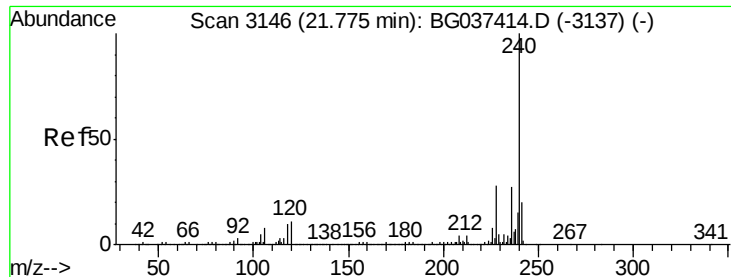
#67
 4-Bromophenyl-phenylether
 Concen: 3.271 ng
 RT: 16.21 min Scan# 2199
 Delta R.T. -0.46 min
 Lab File: BG037859.D
 Acq: 7 Nov 2018 10:54

Tgt Ion:248 Resp: 14260
 Ion Ratio Lower Upper
 248 100
 250 206.4 77.0 115.6#
 141 415.6 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

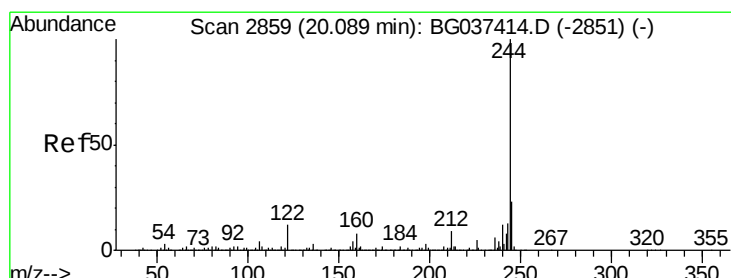
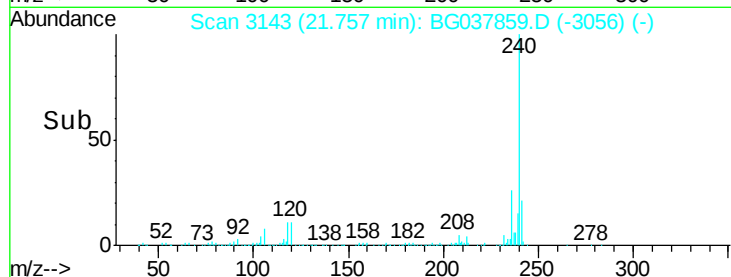
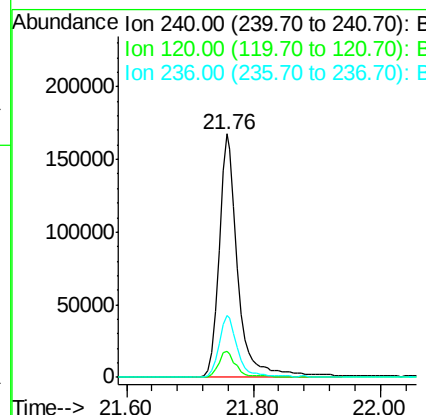
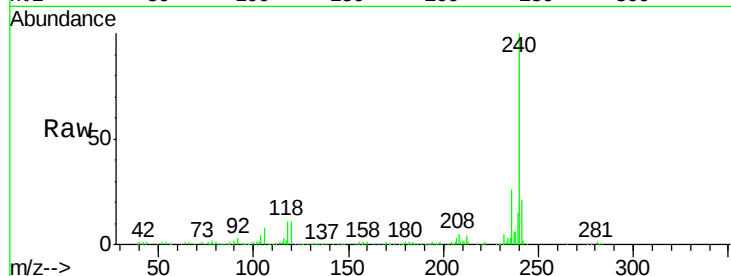




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3143
Delta R.T. -0.02 min
Lab File: BG037859.D
Acq: 7 Nov 2018 10:54

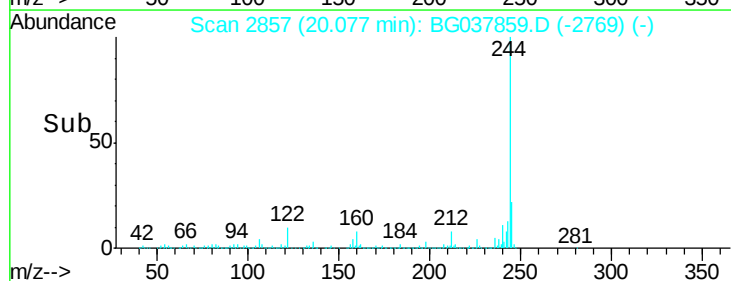
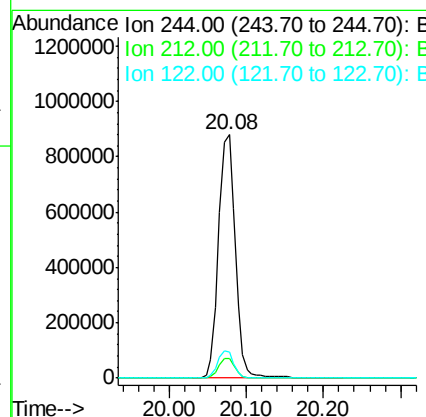
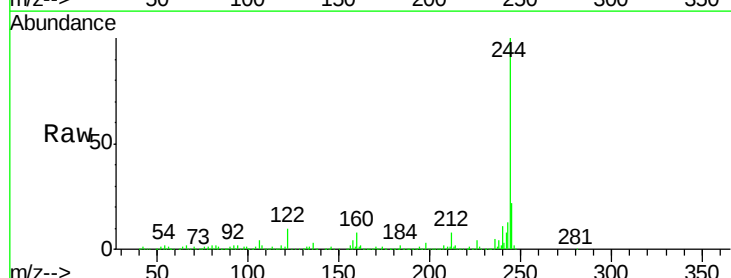
Instrument :
BNA_G
ClientSampleId :
PB114539BL

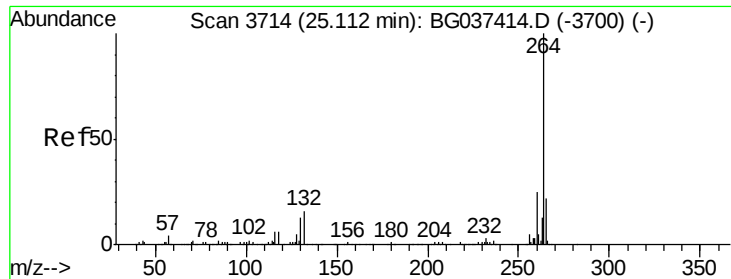
Tgt Ion:240 Resp: 352386
Ion Ratio Lower Upper
240 100
120 10.7 8.1 12.1
236 25.5 21.4 32.0



#79
Terphenyl-d14
Concen: 80.325 ng
RT: 20.08 min Scan# 2857
Delta R.T. -0.01 min
Lab File: BG037859.D
Acq: 7 Nov 2018 10:54

Tgt Ion:244 Resp: 1324677
Ion Ratio Lower Upper
244 100
212 7.8 6.5 9.7
122 10.4 9.0 13.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.09 min Scan# 3711
Delta R.T. -0.02 min
Lab File: BG037859.D
Acq: 7 Nov 2018 10:54

Instrument :
BNA_G
ClientSampleId :
PB114539BL

Tgt Ion: 264 Resp: 276015
Ion Ratio Lower Upper
264 100
260 22.5 18.2 27.4
265 20.3 17.9 26.9

