

Data File : BG037959.D
Acq On : 13 Nov 2018 00:42
Operator : JU/SJ
Sample : PB114721BL
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB114721BL

Quant Time: Nov 13 04:29:55 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

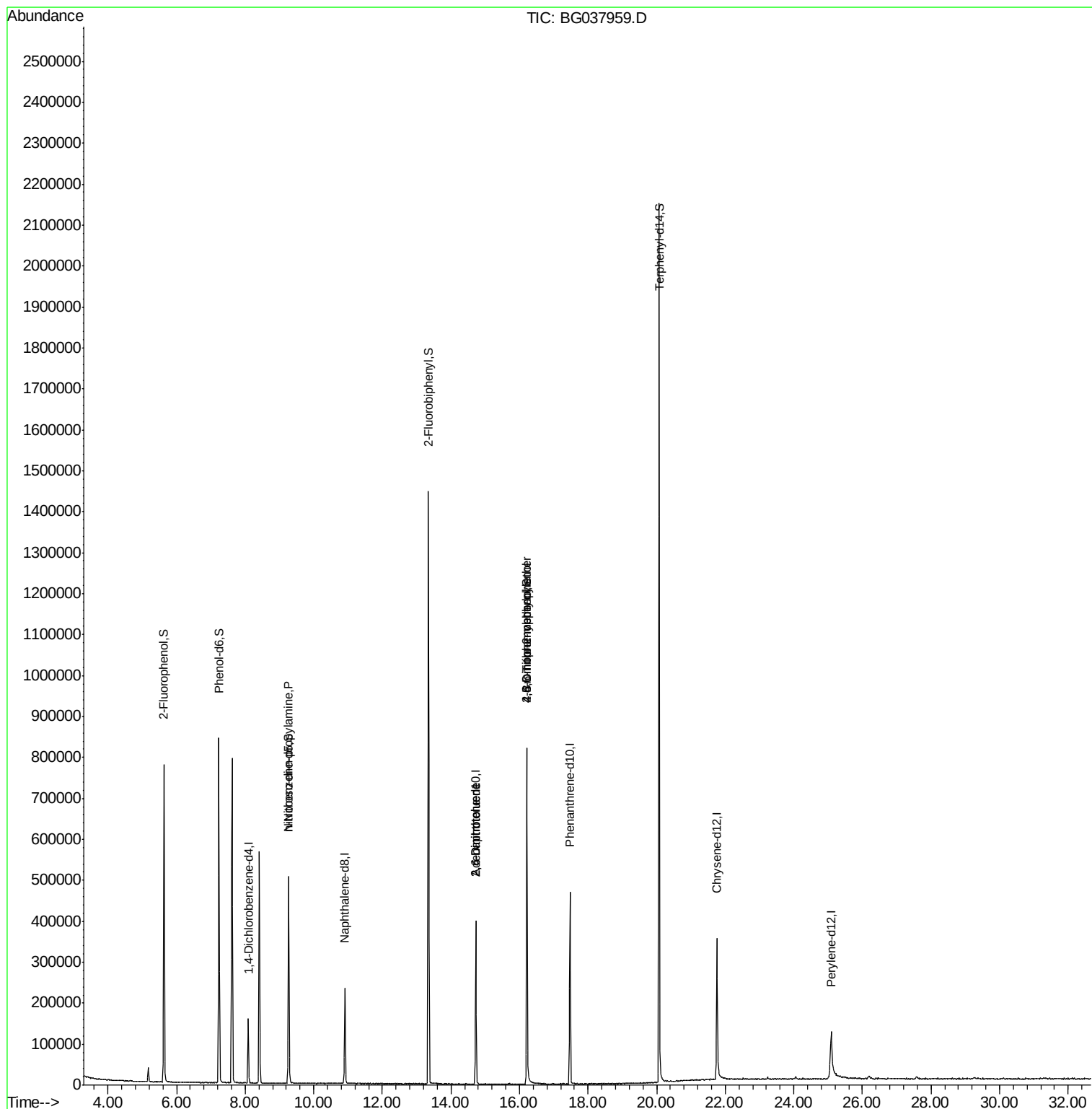
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	48805	20.00	ng	-0.02
21) Naphthalene-d8	10.91	136	218633	20.00	ng	-0.02
39) Acenaphthene-d10	14.73	164	143939	20.00	ng	-0.02
64) Phenanthrene-d10	17.47	188	313857	20.00	ng	-0.02
76) Chrysene-d12	21.75	240	274115	20.00	ng	-0.02
87) Perylene-d12	25.09	264	192160	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	367973	126.05	ng	-0.02
7) Phenol-d6	7.24	99	535645	121.35	ng	-0.02
23) Nitrobenzene-d5	9.27	82	324067	83.03	ng	-0.02
42) 2,4,6-Tribromophenol	16.21	330	163647	104.24	ng	-0.02
45) 2-Fluorobiphenyl	13.35	172	805660	84.40	ng	-0.02
79) Terphenyl-d14	20.07	244	1136068	88.56	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.27	70	41730	13.728	ng	# 69
51) 2,6-Dinitrotoluene	14.72	165	18647	7.570	ng	# 25
57) 2,4-Dinitrotoluene	14.72	165	18647	5.767	ng	# 25
65) 4,6-Dinitro-2-methylphenol	16.21	198	356	8.685	ng	81
67) 4-Bromophenyl-phenylether	16.21	248	11435	3.318	ng	# 1

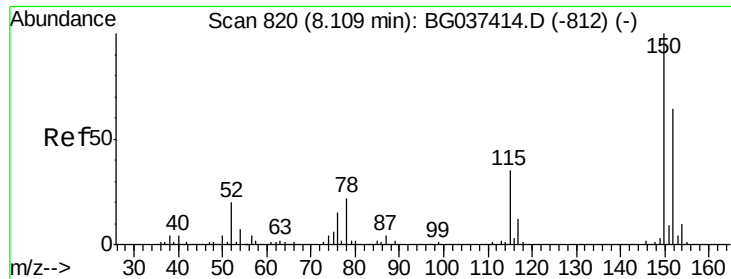
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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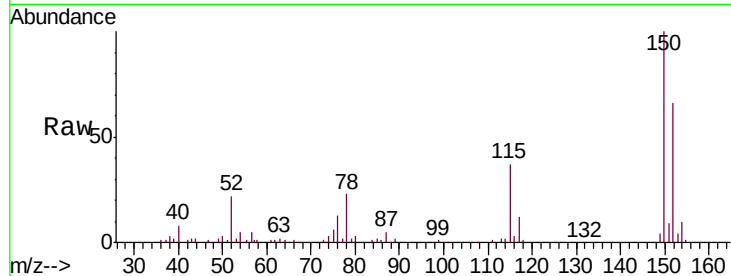




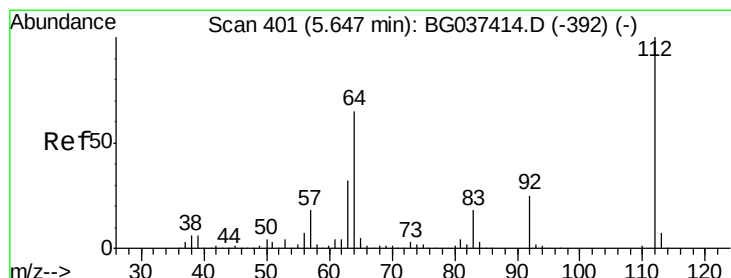
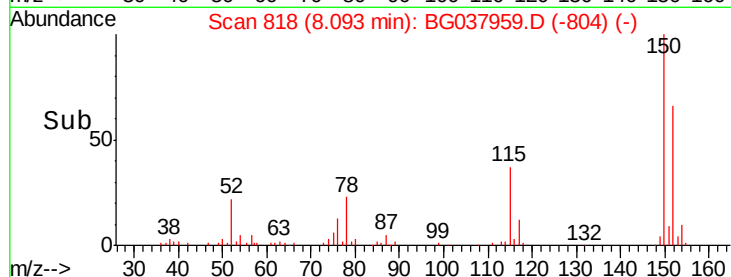
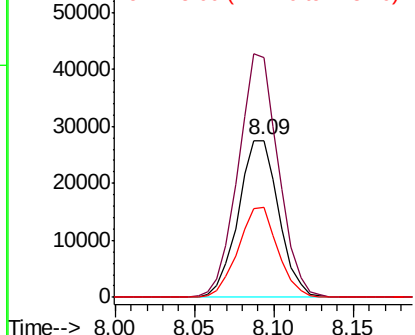
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.09 min Scan# 818
 Delta R.T. -0.02 min
 Lab File: BG037959.D
 Acq: 13 Nov 2018 00:42

Instrument :
 BNA_G
 ClientSampleId :
 PB114721BL

Tgt Ion:152 Resp: 48805
 Ion Ratio Lower Upper
 152 100
 150 152.6 126.0 189.0
 115 57.0 45.5 68.3

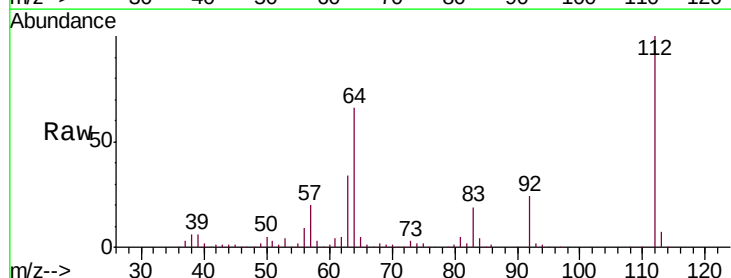


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

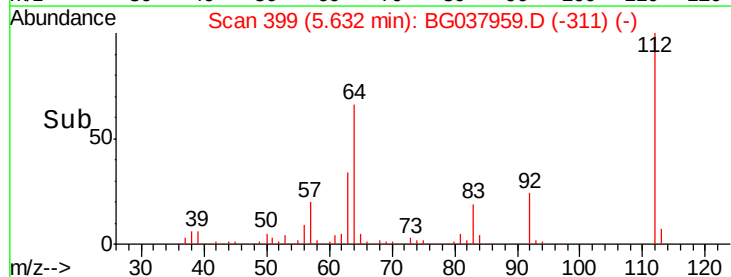
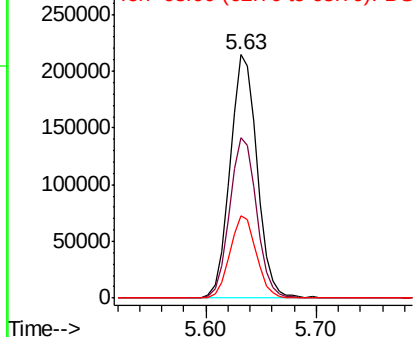


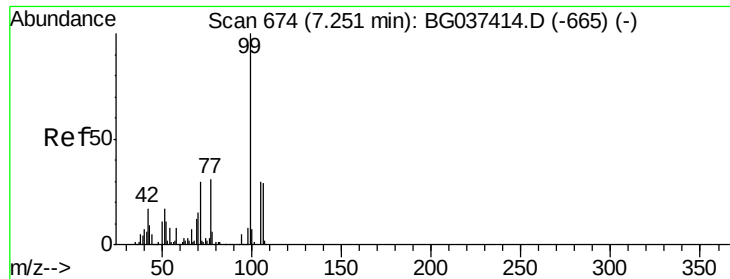
#5
 2-Fluorophenol
 Concen: 126.052 ng
 RT: 5.63 min Scan# 399
 Delta R.T. -0.02 min
 Lab File: BG037959.D
 Acq: 13 Nov 2018 00:42

Tgt Ion:112 Resp: 367973
 Ion Ratio Lower Upper
 112 100
 64 65.8 53.1 79.7
 63 33.8 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: 121.345 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.02 min

Lab File: BG037959.D

Acq: 13 Nov 2018 00:42

Instrument :

BNA_G

ClientSampleId :

PB114721BL

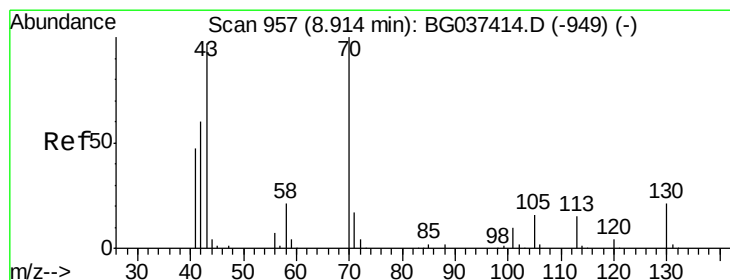
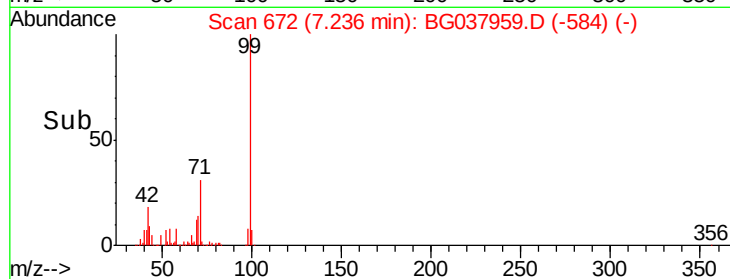
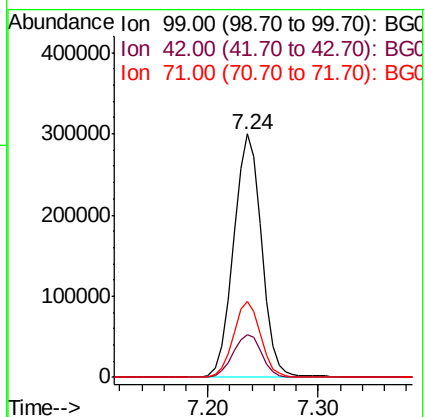
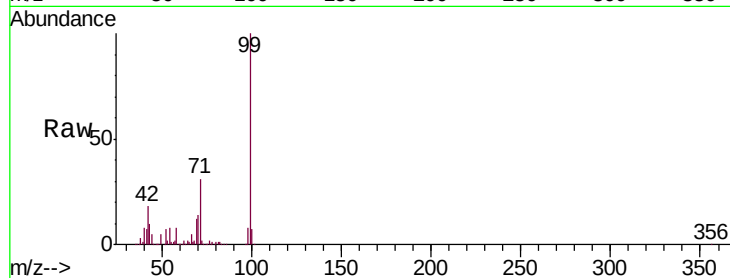
Tgt Ion: 99 Resp: 535645

Ion Ratio Lower Upper

99 100

42 17.7 15.0 22.4

71 31.4 25.5 38.3



#19

n-Nitroso-di-n-propylamine

Concen: 13.728 ng

RT: 9.27 min Scan# 1018

Delta R.T. 0.35 min

Lab File: BG037959.D

Acq: 13 Nov 2018 00:42

Tgt Ion: 70 Resp: 41730

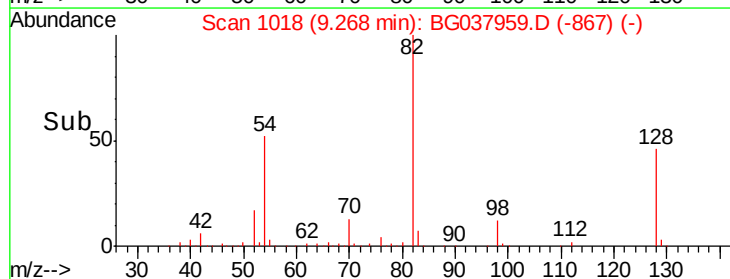
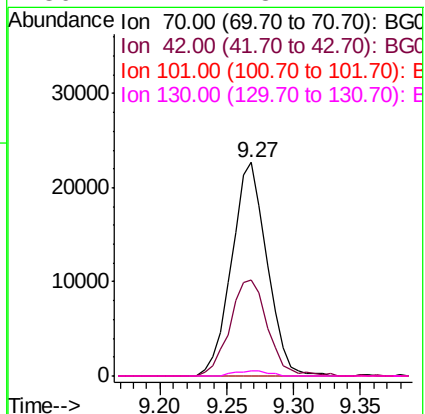
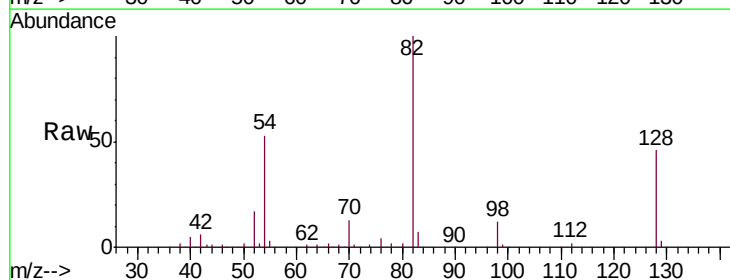
Ion Ratio Lower Upper

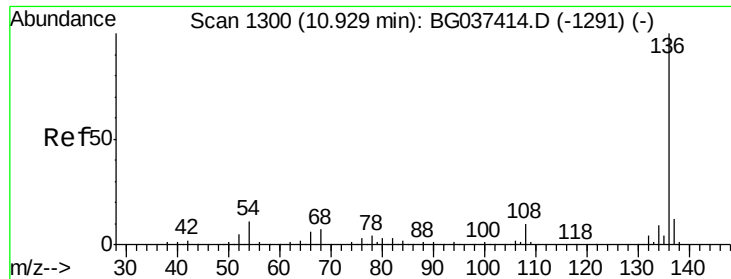
70 100

42 45.0 53.9 80.9#

101 0.0 8.2 12.2#

130 2.2 18.2 27.4#

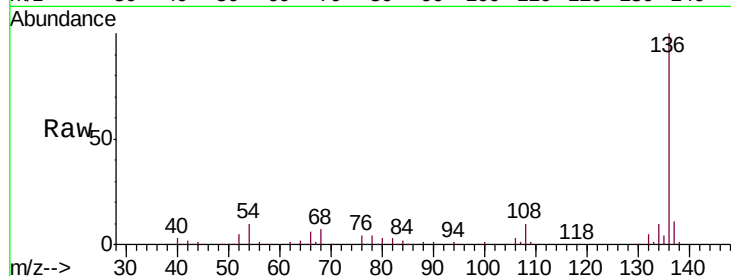




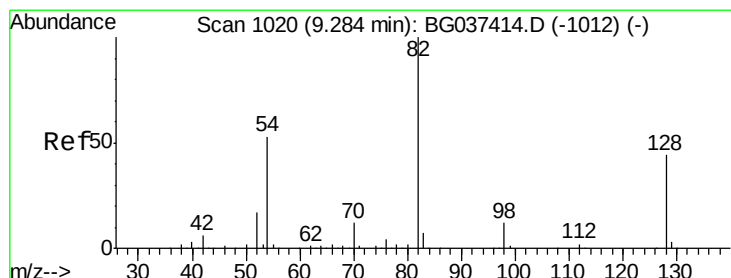
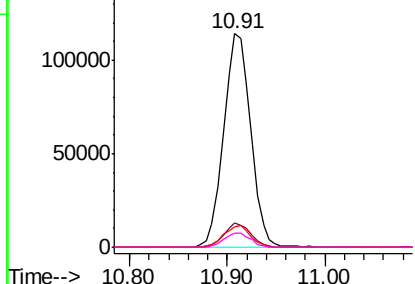
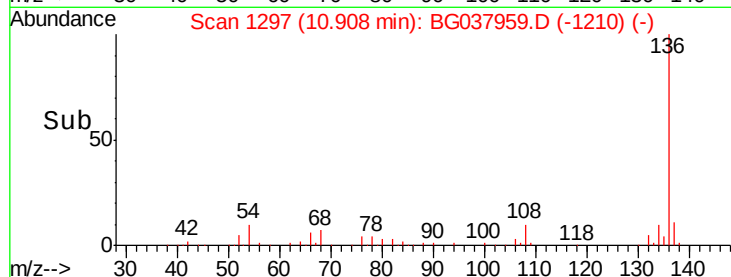
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BG037959.D
Acq: 13 Nov 2018 00:42

Instrument :
BNA_G
ClientSampleId :
PB114721BL

Tgt Ion:	136	Resp:	218633
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.6	14.4
54	9.9	7.9	11.9
68	6.6	4.8	7.2

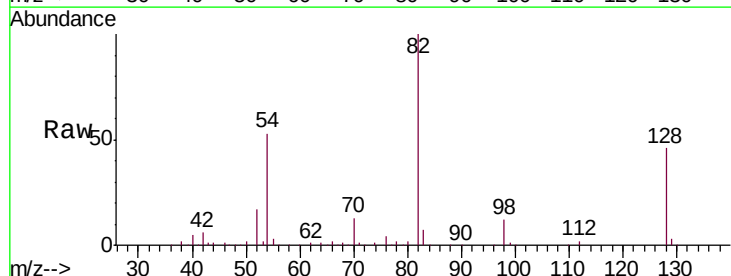


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

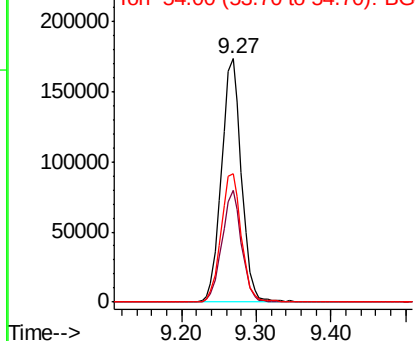
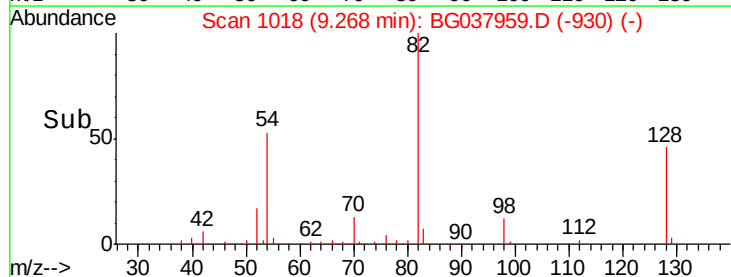


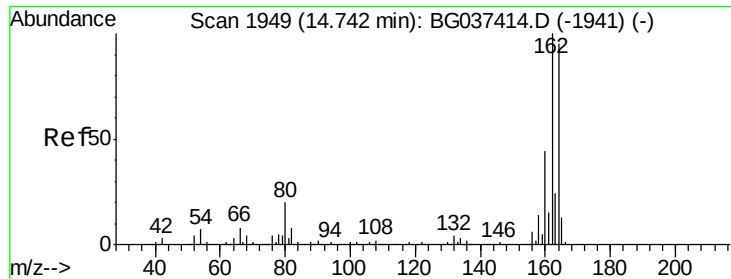
#23
Nitrobenzene-d5
Concen: 83.034 ng
RT: 9.27 min Scan# 1018
Delta R.T. -0.02 min
Lab File: BG037959.D
Acq: 13 Nov 2018 00:42

Tgt Ion:	82	Resp:	324067
Ion	Ratio	Lower	Upper
82	100		
128	46.1	34.6	51.8
54	52.6	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: BG037959.D

Acq: 13 Nov 2018 00:42

Instrument :

BNA_G

ClientSampleId :

PB114721BL

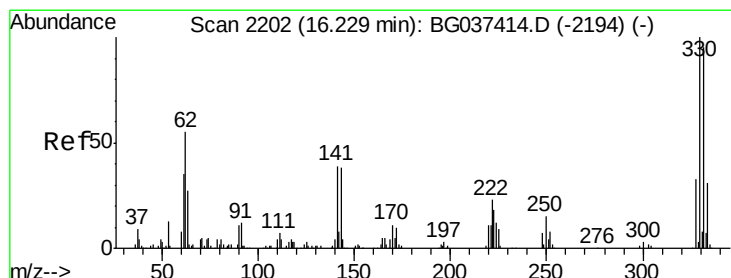
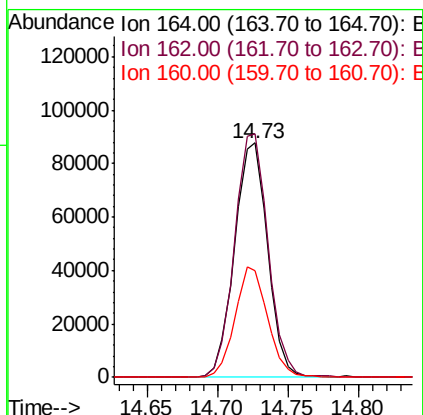
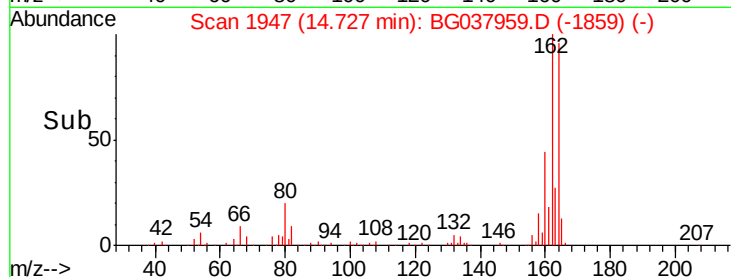
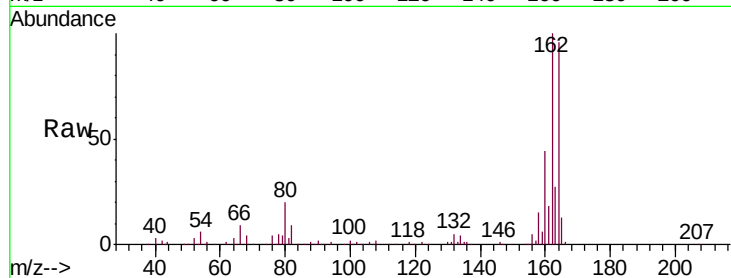
Tgt Ion:164 Resp: 143939

Ion Ratio Lower Upper

164 100

162 103.8 81.3 121.9

160 45.6 36.3 54.5



#42

2,4,6-Tribromophenol

Concen: 104.239 ng

RT: 16.21 min Scan# 2200

Delta R.T. -0.02 min

Lab File: BG037959.D

Acq: 13 Nov 2018 00:42

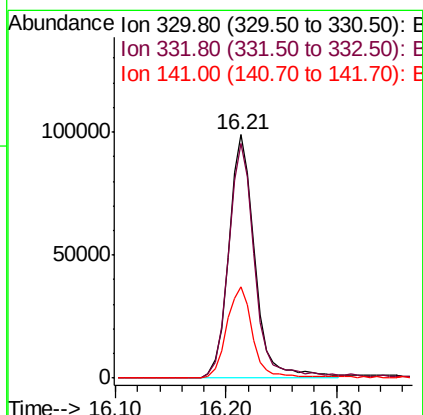
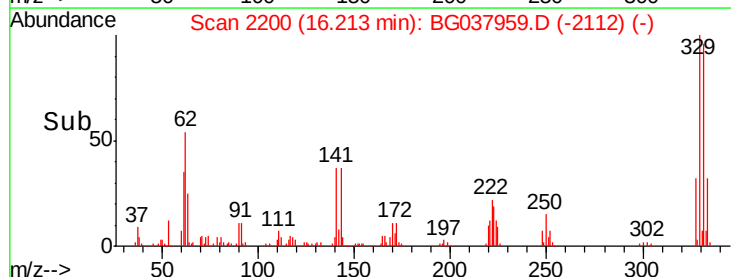
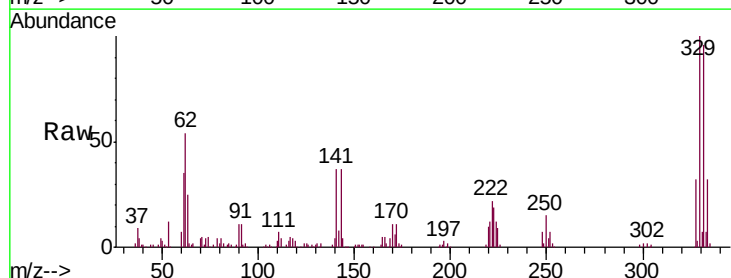
Tgt Ion:330 Resp: 163647

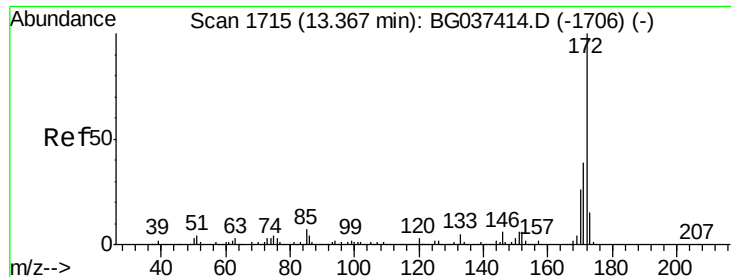
Ion Ratio Lower Upper

330 100

332 96.6 78.4 117.6

141 38.3 32.2 48.2

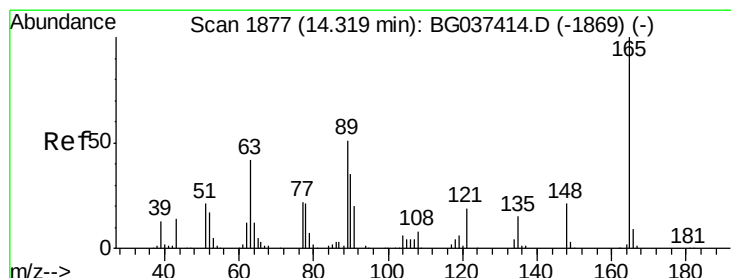
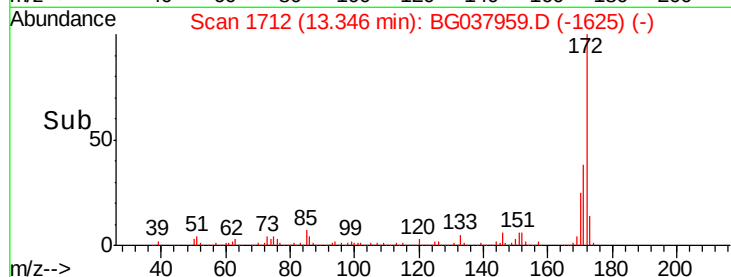
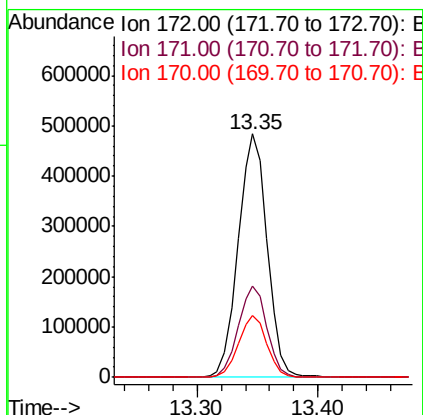
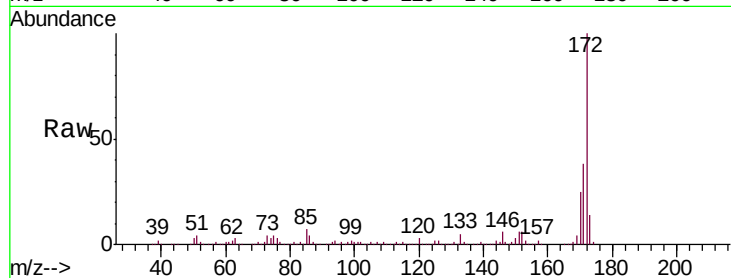




#45
 2-Fluorobiphenyl
 Concen: 84.403 ng
 RT: 13.35 min Scan# 1712
 Delta R.T. -0.02 min
 Lab File: BG037959.D
 Acq: 13 Nov 2018 00:42

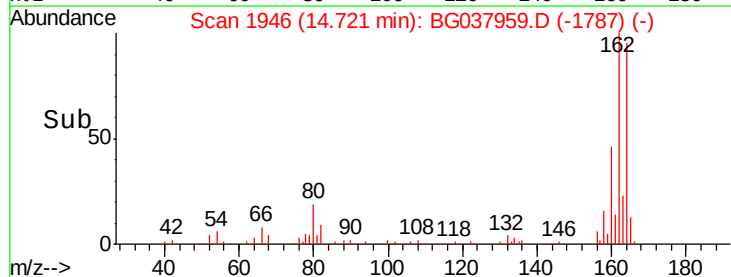
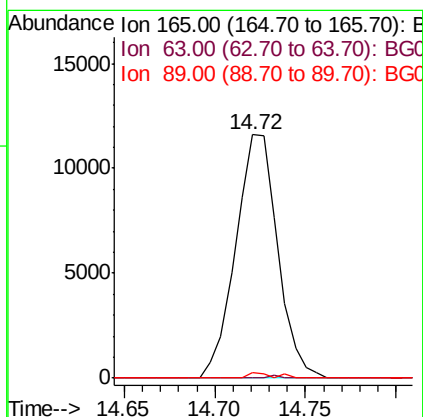
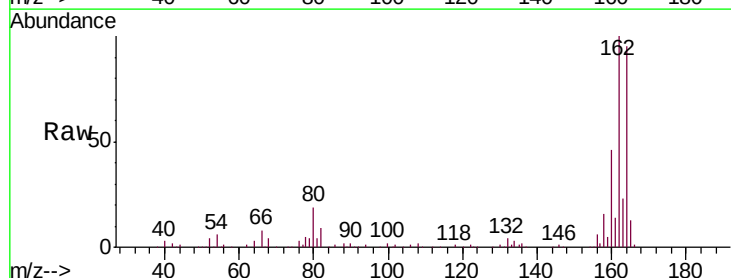
Instrument :
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 ClientSampleId :
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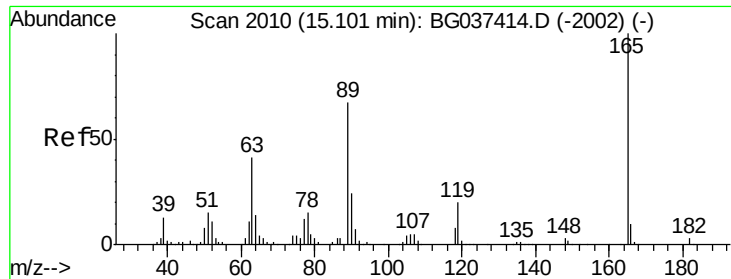
Tgt Ion:172 Resp: 805660
 Ion Ratio Lower Upper
 172 100
 171 37.6 31.0 46.4
 170 25.2 20.2 30.2



#51
 2,6-Dinitrotoluene
 Concen: 7.570 ng
 RT: 14.72 min Scan# 1946
 Delta R.T. 0.40 min
 Lab File: BG037959.D
 Acq: 13 Nov 2018 00:42

Tgt Ion:165 Resp: 18647
 Ion Ratio Lower Upper
 165 100
 63 0.0 43.4 65.2#
 89 2.0 45.8 68.6#

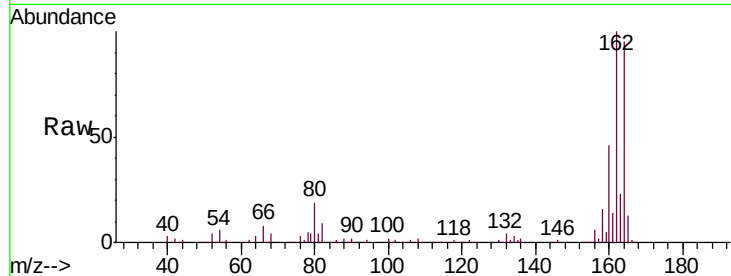




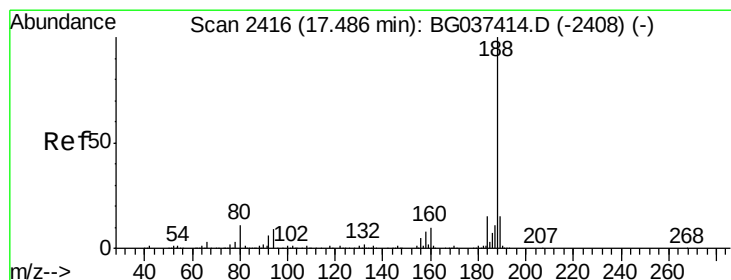
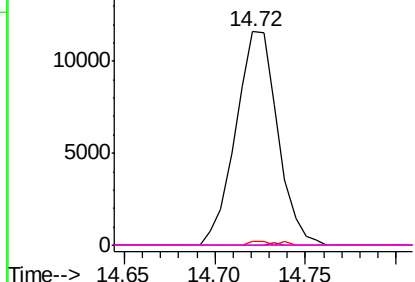
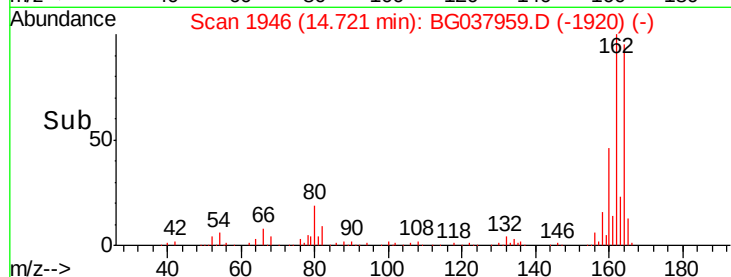
#57
2,4-Dinitrotoluene
Concen: 5.767 ng
RT: 14.72 min Scan# 1946
Delta R.T. -0.38 min
Lab File: BG037959.D
Acq: 13 Nov 2018 00:42

Instrument :
BNA_G
ClientSampleId :
PB114721BL

Tgt Ion:	165	Resp:	18647
Ion	Ratio	Lower	Upper
165	100		
63	0.0	33.4	50.0#
89	2.0	57.2	85.8#
182	0.0	2.6	4.0#

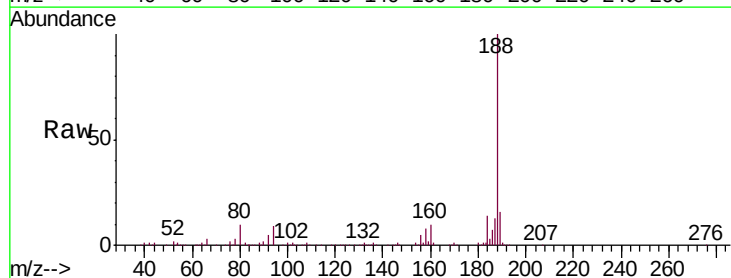


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

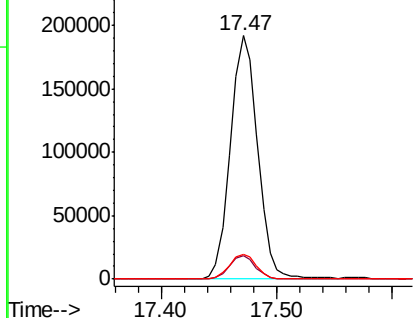
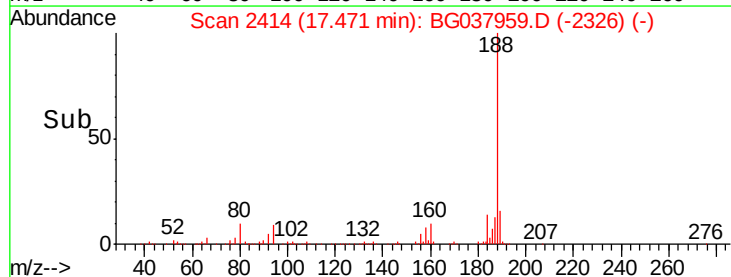


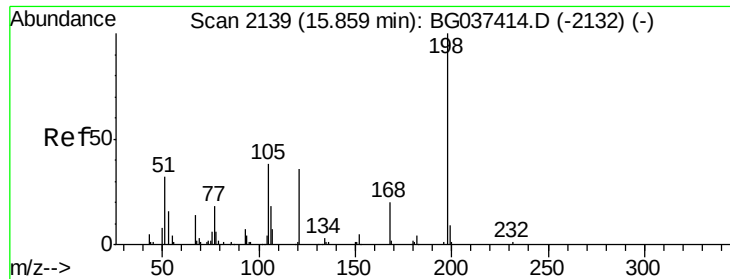
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2414
Delta R.T. -0.02 min
Lab File: BG037959.D
Acq: 13 Nov 2018 00:42

Tgt Ion:	188	Resp:	313857
Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.2	10.8
80	10.1	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

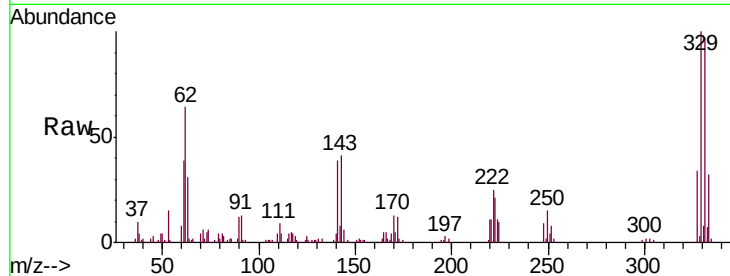




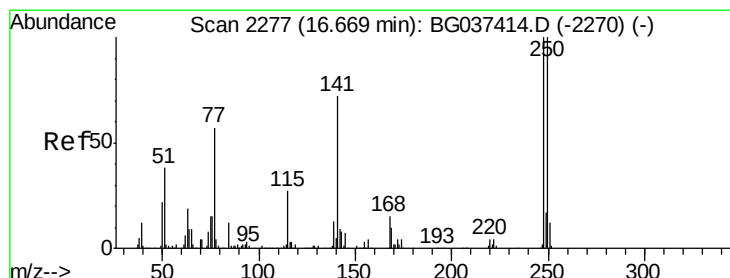
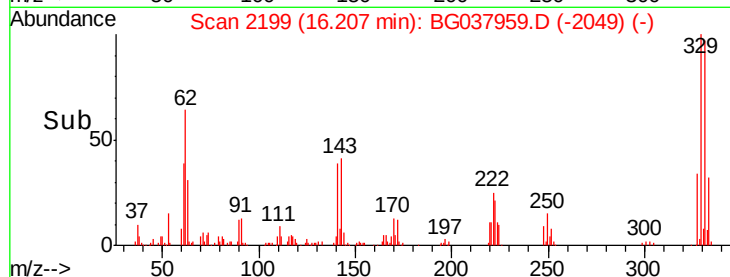
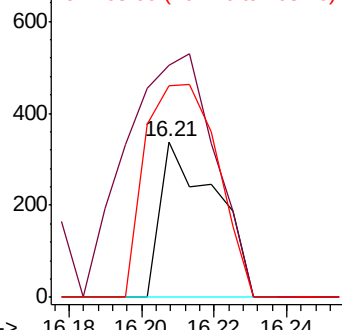
#65
 4,6-Dinitro-2-methylphenol
 Concen: 8.685 ng
 RT: 16.21 min Scan# 2199
 Delta R.T. 0.35 min
 Lab File: BG037959.D
 Acq: 13 Nov 2018 00:42

Instrument :
 BNA_G
 ClientSampleId :
 PB114721BL

Tgt Ion:198 Resp: 356
 Ion Ratio Lower Upper
 198 100
 51 30.8 22.7 62.7
 105 28.2 19.7 59.7

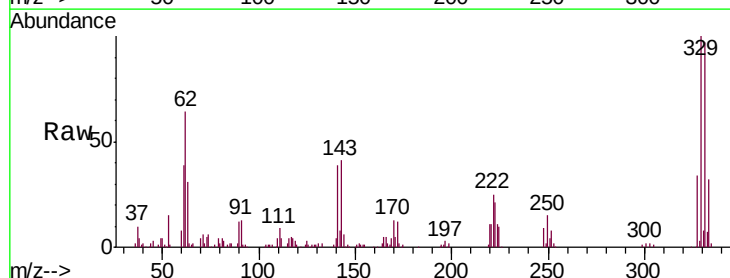


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

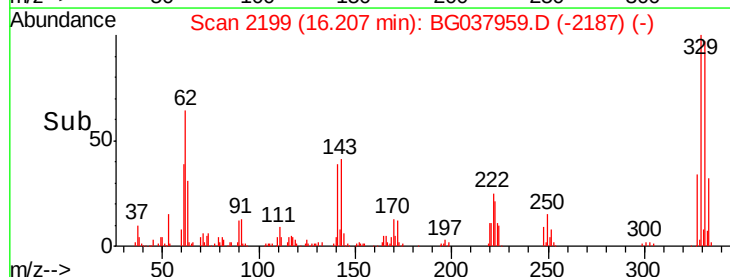
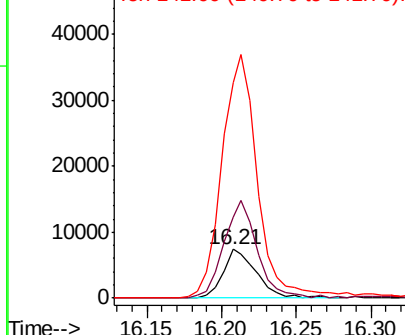


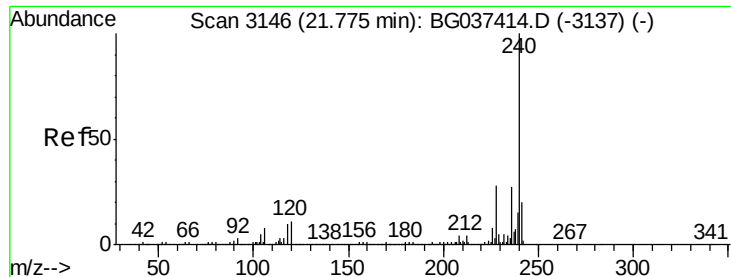
#67
 4-Bromophenyl-phenylether
 Concen: 3.318 ng
 RT: 16.21 min Scan# 2199
 Delta R.T. -0.46 min
 Lab File: BG037959.D
 Acq: 13 Nov 2018 00:42

Tgt Ion:248 Resp: 11435
 Ion Ratio Lower Upper
 248 100
 250 214.7 77.0 115.6#
 141 444.2 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

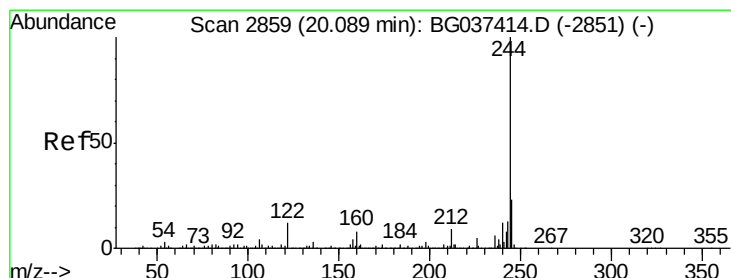
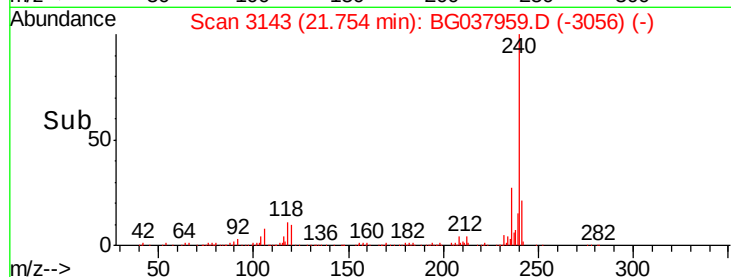
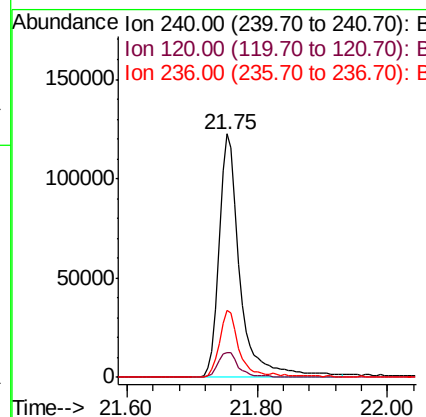
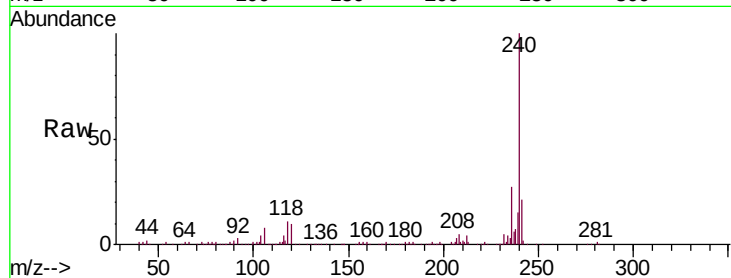




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.75 min Scan# 3143
Delta R.T. -0.02 min
Lab File: BG037959.D
Acq: 13 Nov 2018 00:42

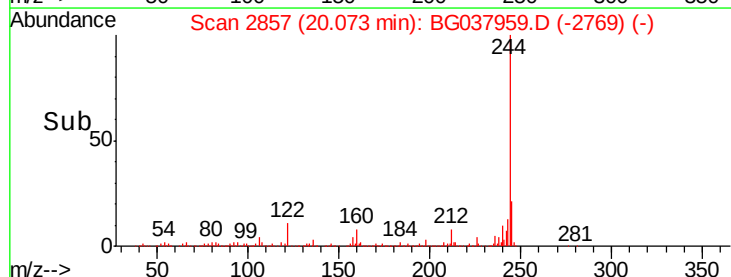
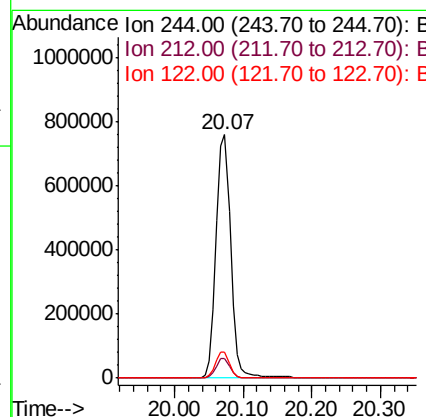
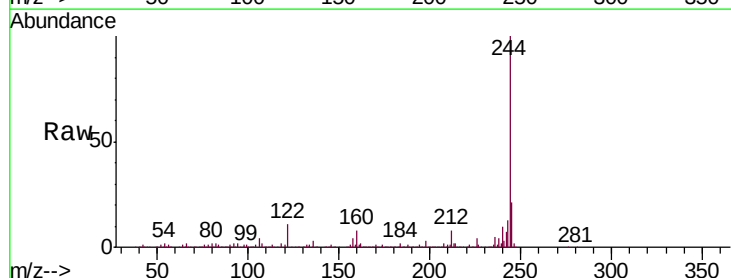
Instrument :
BNA_G
ClientSampleId :
PB114721BL

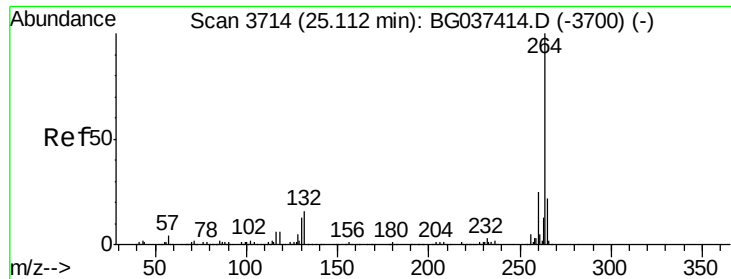
Tgt Ion:240 Resp: 274115
Ion Ratio Lower Upper
240 100
120 10.3 8.1 12.1
236 27.5 21.4 32.0



#79
Terphenyl-d14
Concen: 88.558 ng
RT: 20.07 min Scan# 2857
Delta R.T. -0.02 min
Lab File: BG037959.D
Acq: 13 Nov 2018 00:42

Tgt Ion:244 Resp: 1136068
Ion Ratio Lower Upper
244 100
212 7.8 6.5 9.7
122 10.9 9.0 13.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.09 min Scan# 3710
Delta R.T. -0.03 min
Lab File: BG037959.D
Acq: 13 Nov 2018 00:42

Instrument :
BNA_G
ClientSampleId :
PB114721BL

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.4	18.2	27.4
265	21.6	17.9	26.9

