

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG101218\
 Data File : BG037308.D
 Acq On : 13 Oct 2018 2:11
 Operator : JU/SJ
 Sample : PB113793BL
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB113793BL

Quant Time: Oct 13 04:16:14 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG101118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 11 13:59:58 2018
 Response via : Initial Calibration

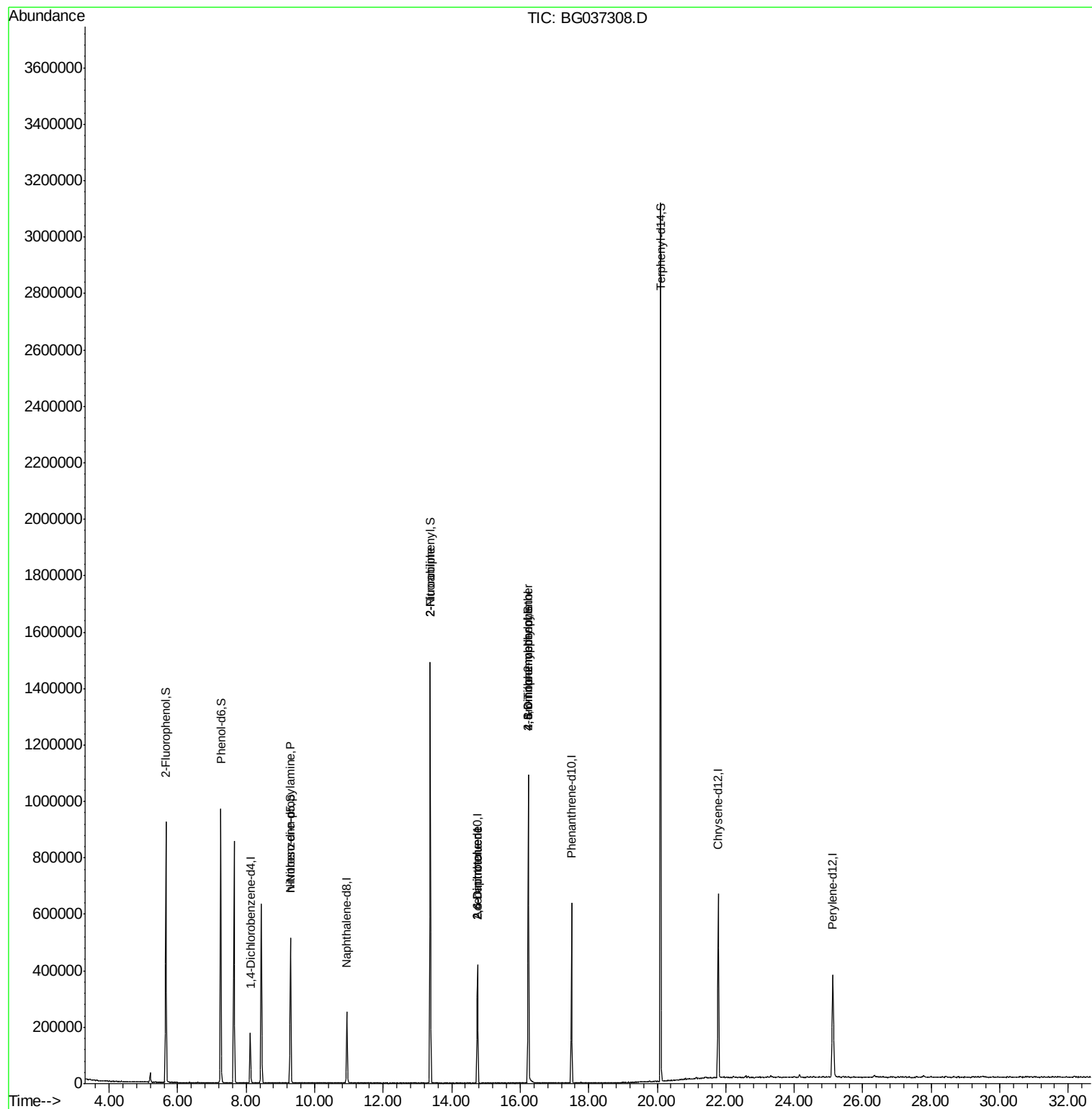
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	53774	20.00	ng	-0.01
21) Naphthalene-d8	10.94	136	226392	20.00	ng	-0.01
39) Acenaphthene-d10	14.75	164	153590	20.00	ng	-0.01
64) Phenanthrene-d10	17.50	188	407789	20.00	ng	-0.01
76) Chrysene-d12	21.78	240	410147	20.00	ng	-0.02
87) Perylene-d12	25.12	264	403135	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	424138	138.81	ng	0.00
7) Phenol-d6	7.26	99	594537	128.19	ng	0.00
23) Nitrobenzene-d5	9.29	82	322220	93.57	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	195109	129.53	ng	-0.01
45) 2-Fluorobiphenyl	13.38	172	819008	80.08	ng	0.00
79) Terphenyl-d14	20.10	244	1492707	76.42	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.29	70	40156	11.436	ng	# 73
48) 2-Nitroaniline	13.37	65	1351	6.215	ng	# 1
51) 2,6-Dinitrotoluene	14.75	165	19757	12.393	ng	# 24
57) 2,4-Dinitrotoluene	14.75	165	19757	11.251	ng	# 24
65) 4,6-Dinitro-2-methylphenol	16.24	198	817	6.506	ng	76
67) 4-Bromophenyl-phenylether	16.24	248	14663	3.332	ng	# 1

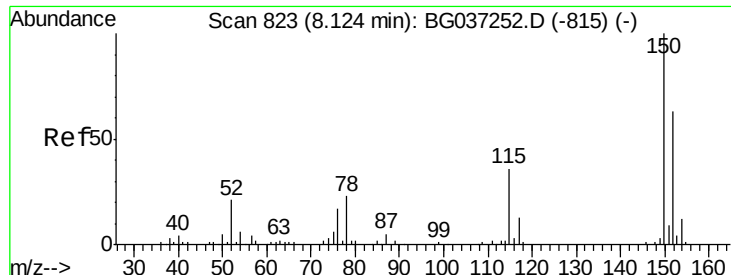
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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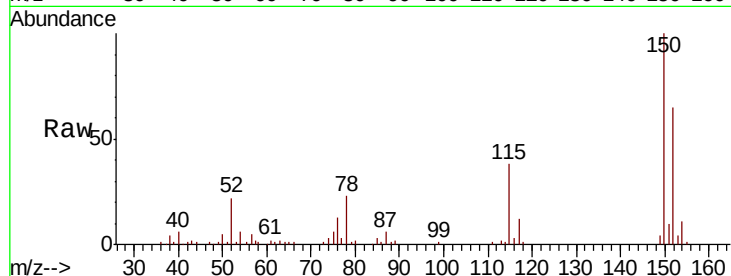


#1

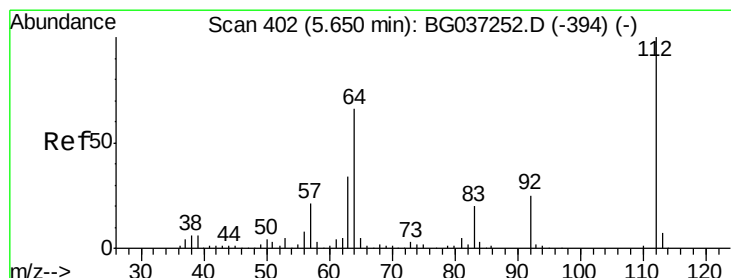
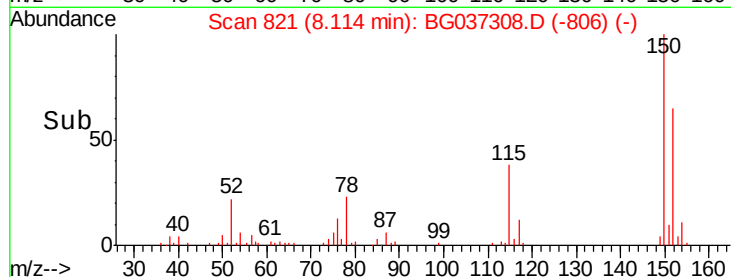
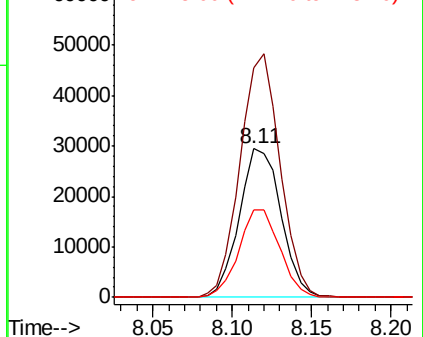
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 821
Delta R.T. -0.01 min
Lab File: BG037308.D
Acq: 13 Oct 2018 2:11

Instrument :
BNA_F
ClientSampleId :
PB113793BL

Tgt Ion:152 Resp: 53774
Ion Ratio Lower Upper
152 100
150 154.7 126.0 189.0
115 59.1 45.5 68.3



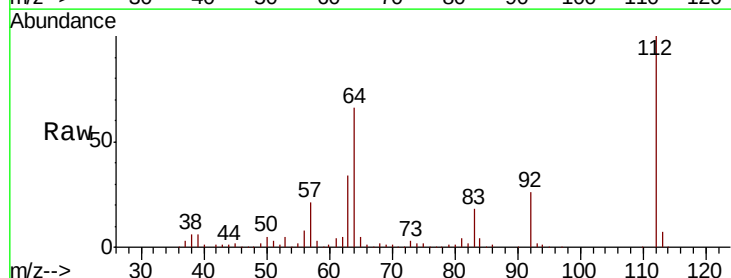
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



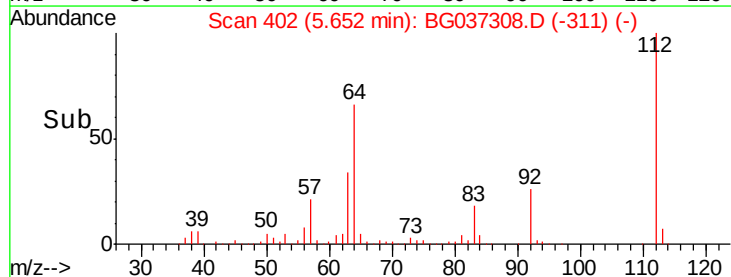
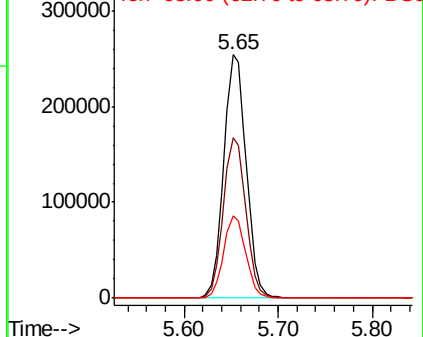
#5

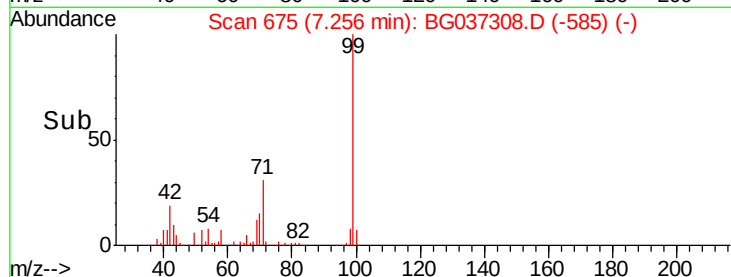
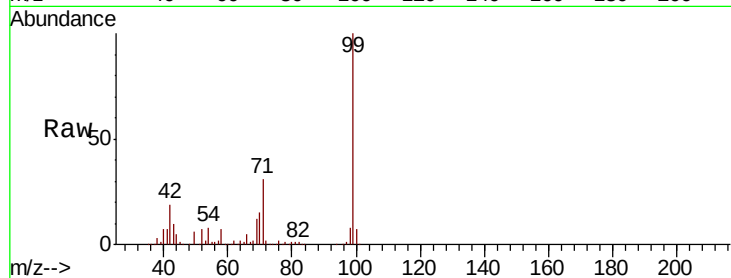
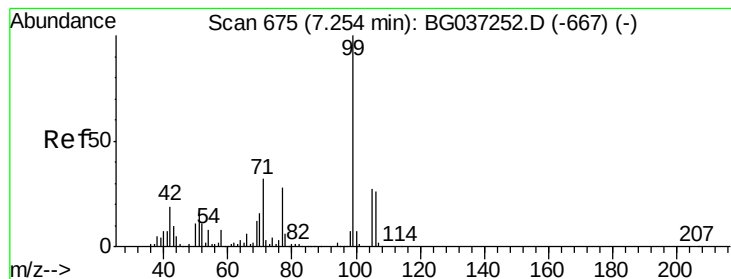
2-Fluorophenol
Concen: 138.811 ng
RT: 5.65 min Scan# 402
Delta R.T. 0.00 min
Lab File: BG037308.D
Acq: 13 Oct 2018 2:11

Tgt Ion:112 Resp: 424138
Ion Ratio Lower Upper
112 100
64 66.0 53.1 79.7
63 33.9 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: 128.195 ng

RT: 7.26 min Scan# 675

Delta R.T. 0.00 min

Lab File: BG037308.D

Acq: 13 Oct 2018 2:11

Instrument :

BNA_F

ClientSampleId :

PB113793BL

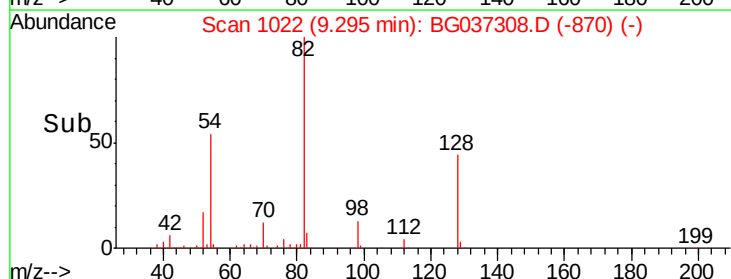
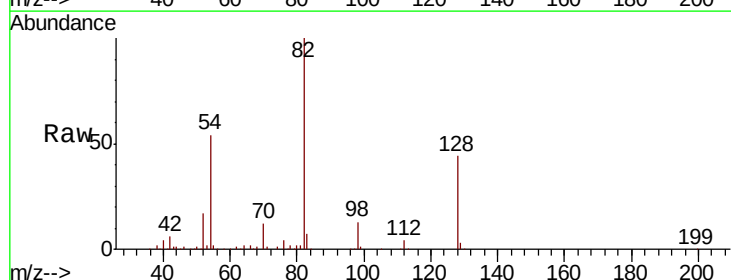
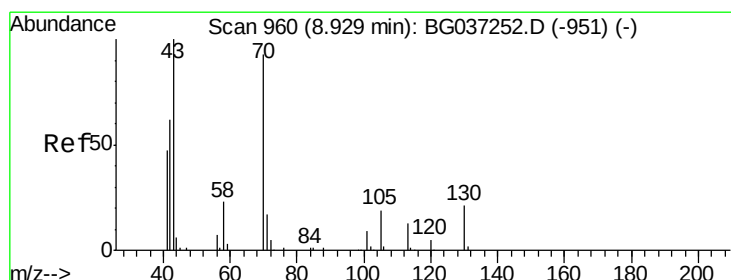
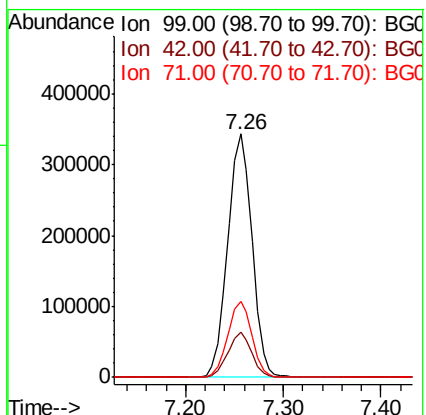
Tgt Ion: 99 Resp: 594537

Ion Ratio Lower Upper

99 100

42 18.8 15.0 22.4

71 31.4 25.5 38.3



#19

n-Nitroso-di-n-propylamine

Concen: 11.436 ng

RT: 9.29 min Scan# 1022

Delta R.T. 0.37 min

Lab File: BG037308.D

Acq: 13 Oct 2018 2:11

Tgt Ion: 70 Resp: 40156

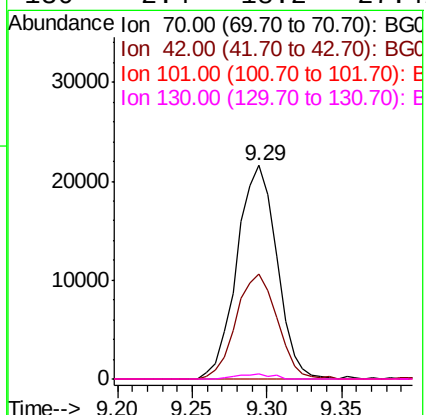
Ion Ratio Lower Upper

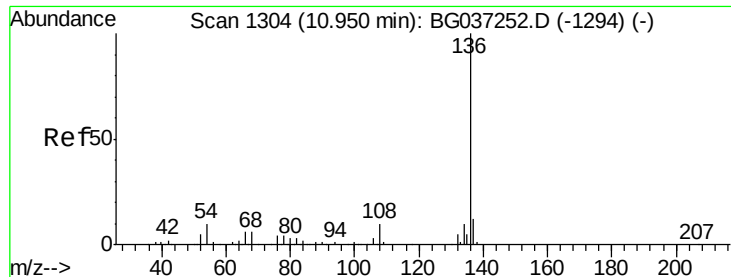
70 100

42 49.4 53.9 80.9#

101 0.0 8.2 12.2#

130 2.4 18.2 27.4#

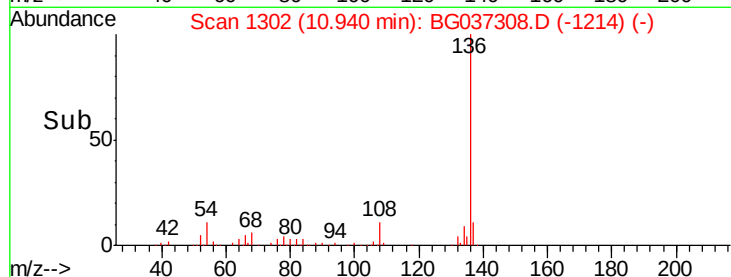
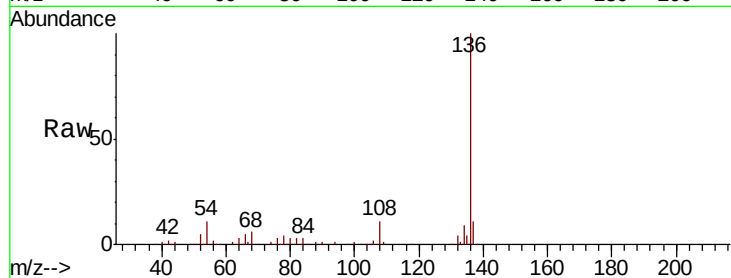




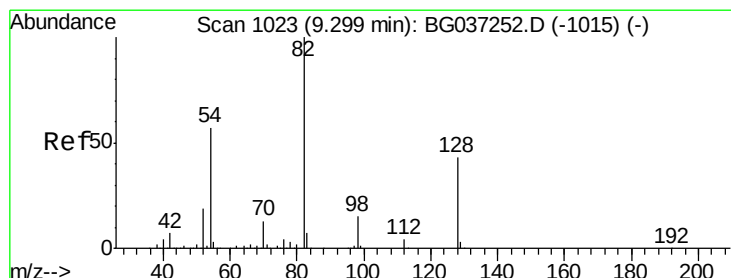
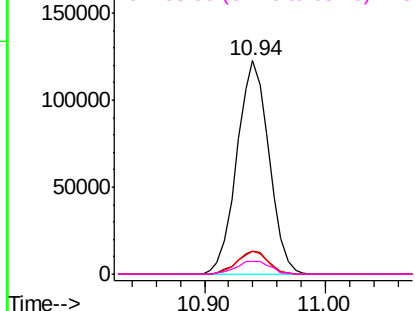
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.94 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BG037308.D
Acq: 13 Oct 2018 2:11

Instrument :
BNA_F
ClientSampleId :
PB113793BL

Tgt Ion:	136	Resp:	226392
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.6	14.4
54	10.5	7.9	11.9
68	6.1	4.8	7.2

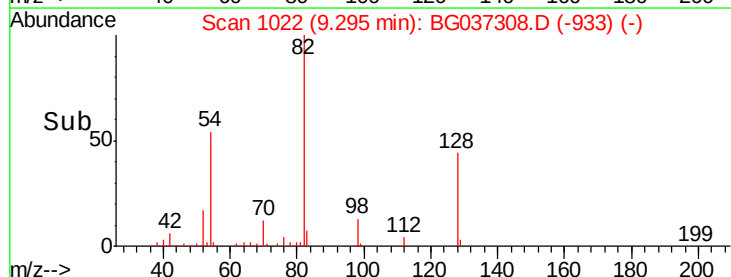
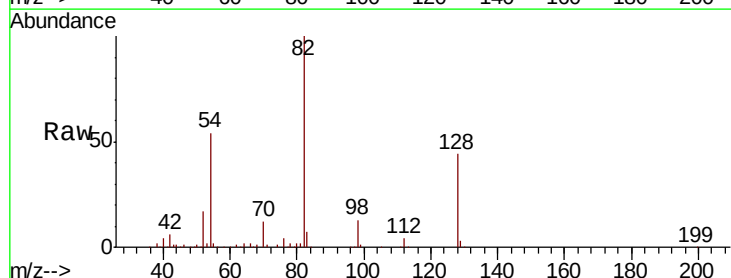


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

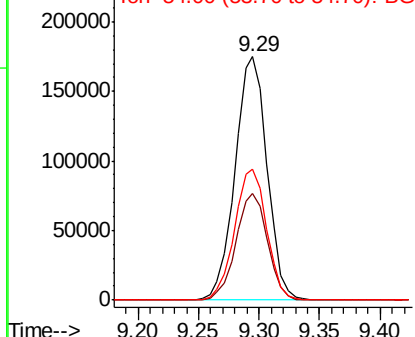


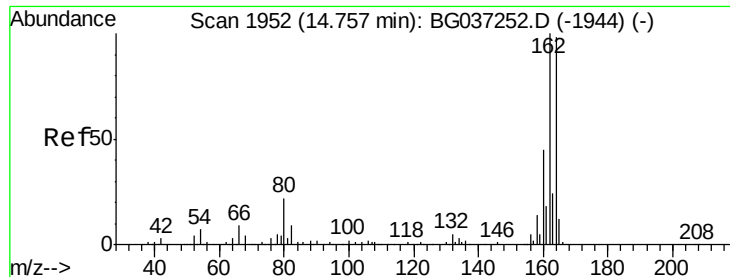
#23
Nitrobenzene-d5
Concen: 93.574 ng
RT: 9.29 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BG037308.D
Acq: 13 Oct 2018 2:11

Tgt Ion:	82	Resp:	322220
Ion	Ratio	Lower	Upper
82	100		
128	44.0	34.6	51.8
54	53.8	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: 14.75 min Scan# 1950

Delta R.T. -0.01 min

Lab File: BG037308.D

Acq: 13 Oct 2018 2:11

Instrument :

BNA_F

ClientSampleId :

PB113793BL

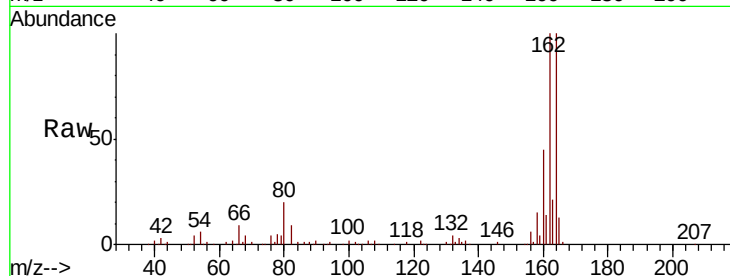
Tgt Ion:164 Resp: 153590

Ion Ratio Lower Upper

164 100

162 100.5 81.3 121.9

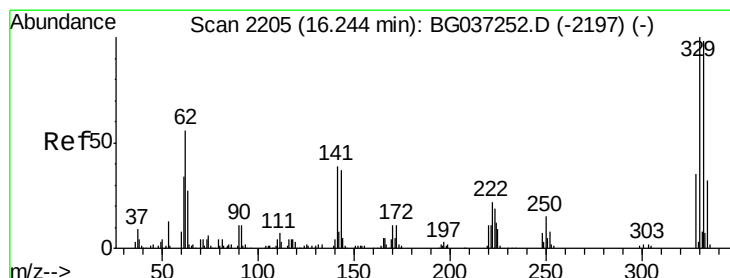
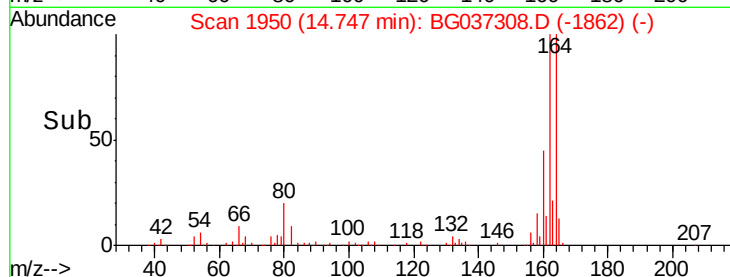
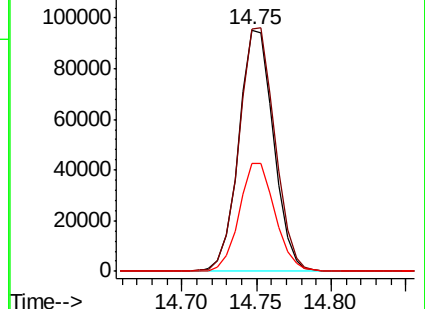
160 44.8 36.3 54.5



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: 129.530 ng

RT: 16.23 min Scan# 2203

Delta R.T. -0.01 min

Lab File: BG037308.D

Acq: 13 Oct 2018 2:11

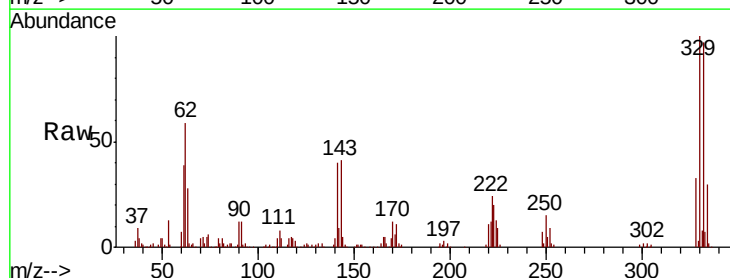
Tgt Ion:330 Resp: 195109

Ion Ratio Lower Upper

330 100

332 98.0 78.4 117.6

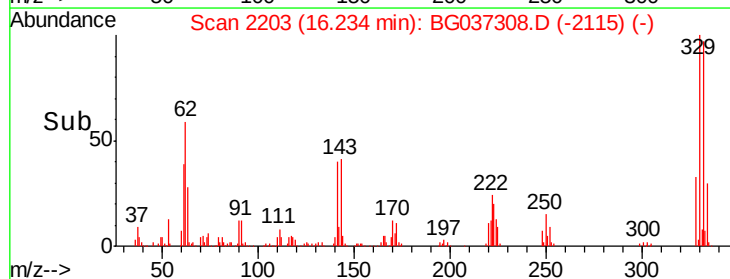
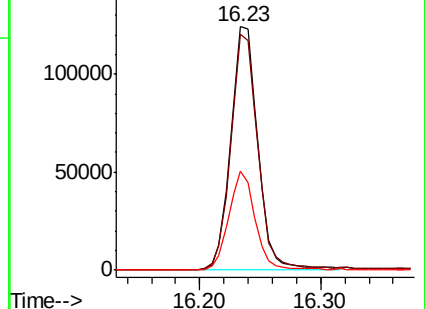
141 39.3 32.2 48.2

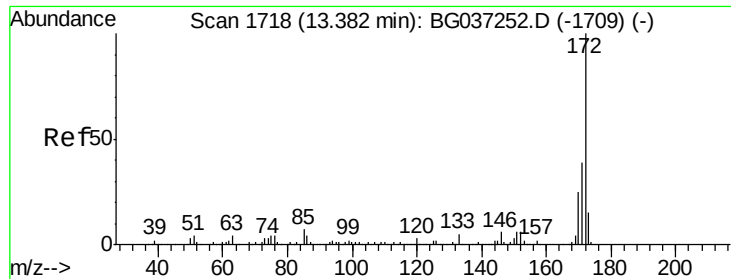


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

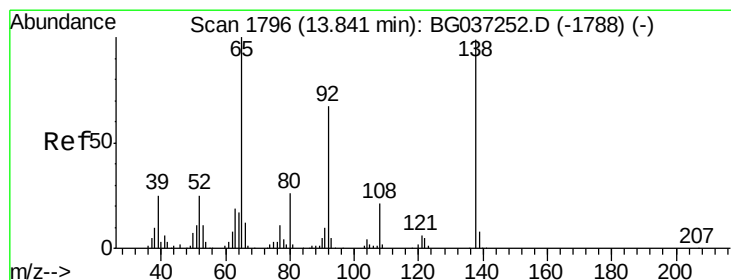
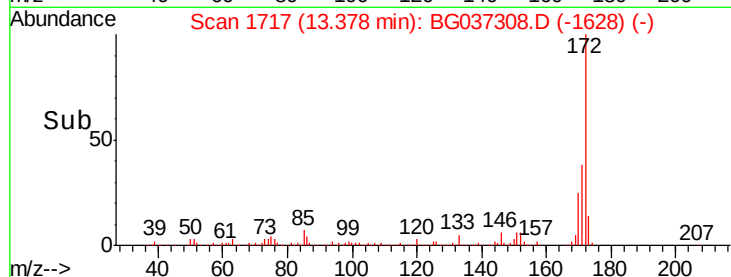
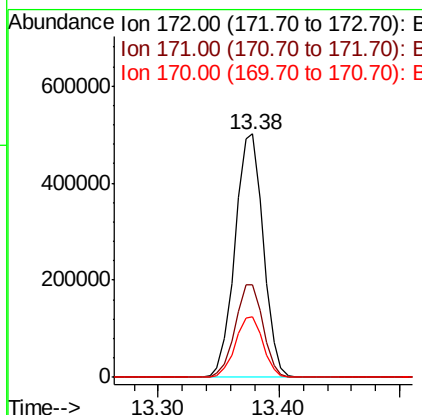
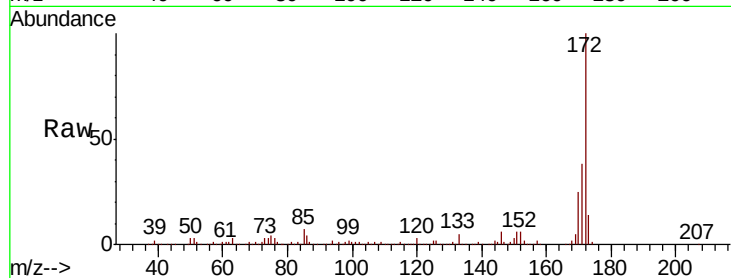




#45
 2-Fluorobiphenyl
 Concen: 80.081 ng
 RT: 13.38 min Scan# 1717
 Delta R.T. -0.00 min
 Lab File: BG037308.D
 Acq: 13 Oct 2018 2:11

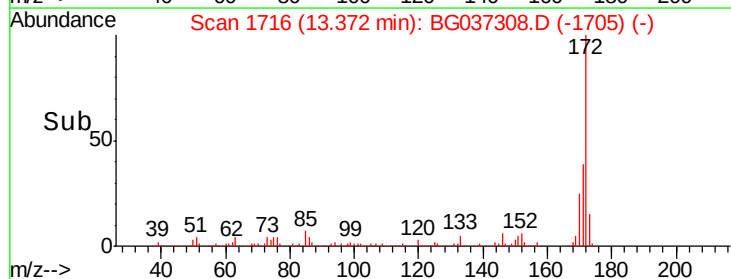
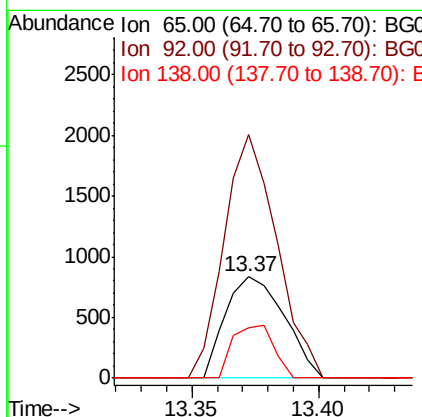
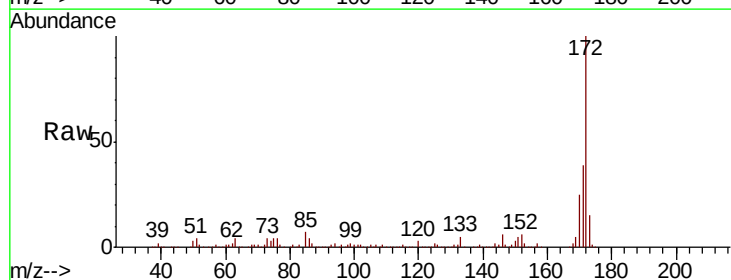
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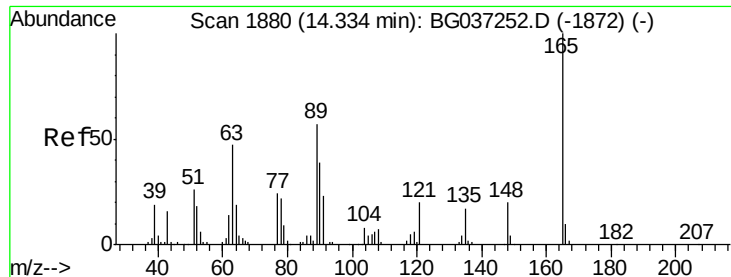
Tgt Ion: 172 Resp: 819008
 Ion Ratio Lower Upper
 172 100
 171 37.8 31.0 46.4
 170 24.9 20.2 30.2



#48
 2-Nitroaniline
 Concen: 6.215 ng
 RT: 13.37 min Scan# 1716
 Delta R.T. -0.47 min
 Lab File: BG037308.D
 Acq: 13 Oct 2018 2:11

Tgt Ion: 65 Resp: 1351
 Ion Ratio Lower Upper
 65 100
 92 240.8 53.2 79.8#
 138 49.6 79.3 118.9#

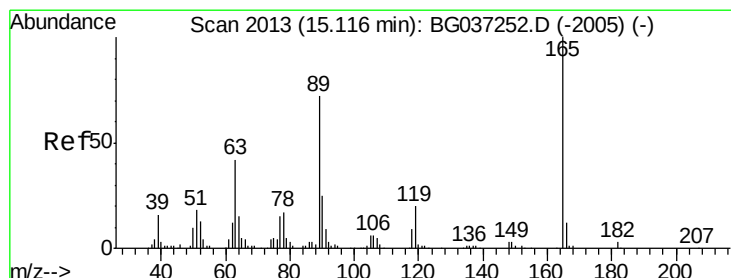
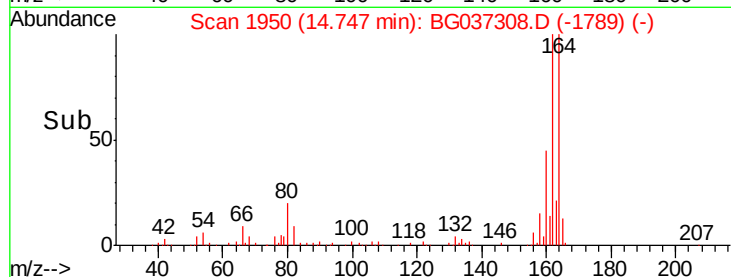
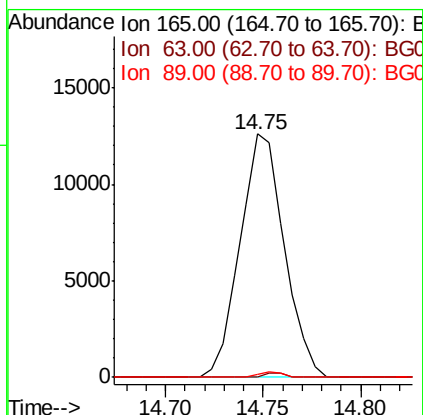
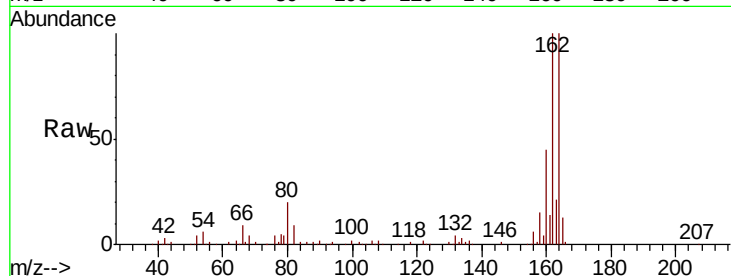




#51
 2,6-Dinitrotoluene
 Concen: 12.393 ng
 RT: 14.75 min Scan# 1950
 Delta R.T. 0.41 min
 Lab File: BG037308.D
 Acq: 13 Oct 2018 2:11

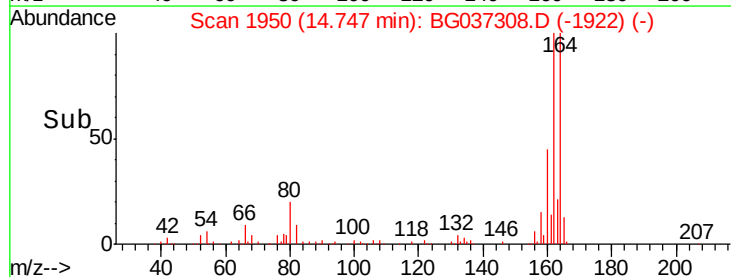
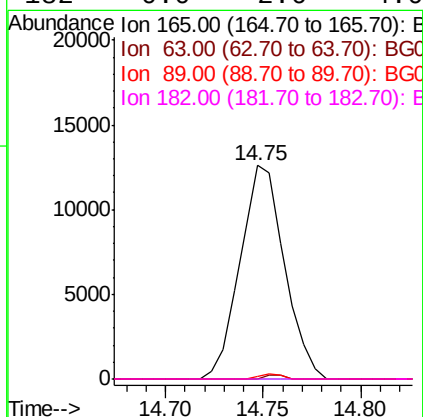
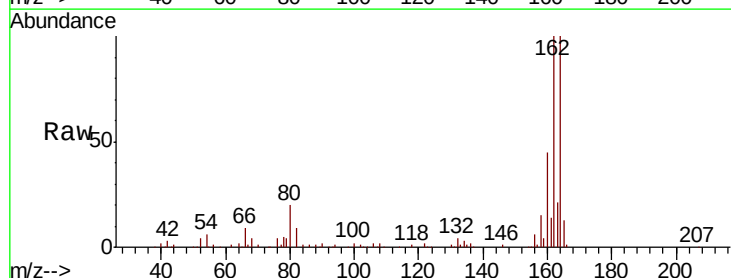
Instrument :
 BNA_F
 ClientSampleId :
 PB113793BL

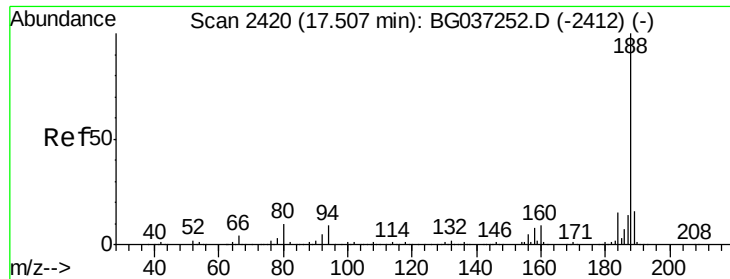
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	43.4	65.2#
89	1.3	45.8	68.6#



#57
 2,4-Dinitrotoluene
 Concen: 11.251 ng
 RT: 14.75 min Scan# 1950
 Delta R.T. -0.37 min
 Lab File: BG037308.D
 Acq: 13 Oct 2018 2:11

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	33.4	50.0#
89	1.3	57.2	85.8#
182	0.0	2.6	4.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.50 min Scan# 2418

Delta R.T. -0.01 min

Lab File: BG037308.D

Acq: 13 Oct 2018 2:11

Instrument :

BNA_F

ClientSampleId :

PB113793BL

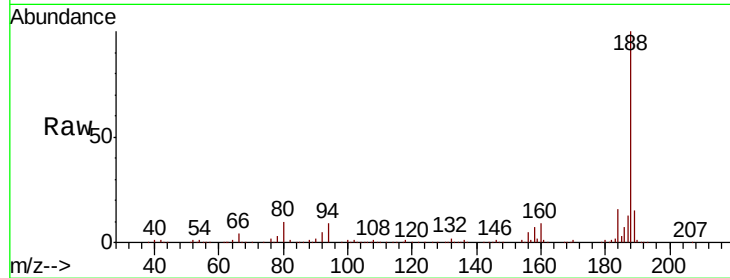
Tgt Ion:188 Resp: 407789

Ion Ratio Lower Upper

188 100

94 9.1 7.2 10.8

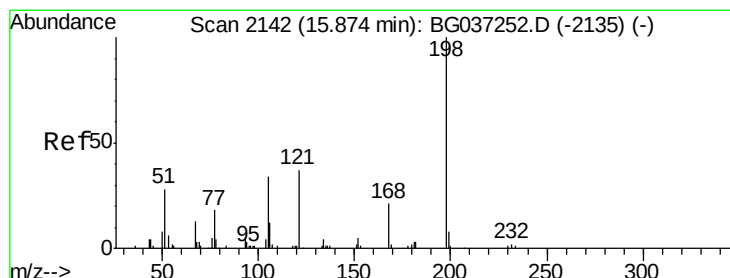
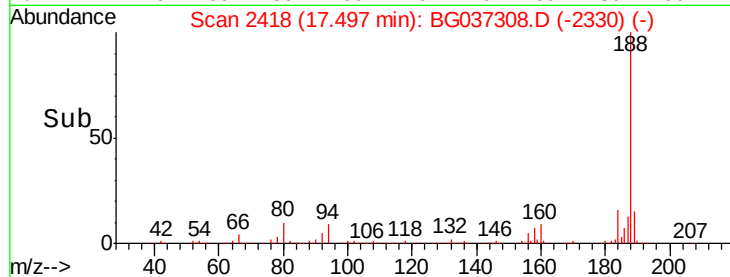
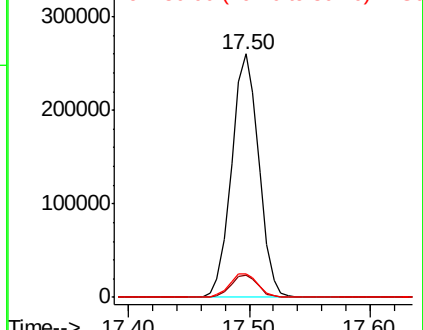
80 9.6 7.7 11.5



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: 6.506 ng

RT: 16.24 min Scan# 2204

Delta R.T. 0.37 min

Lab File: BG037308.D

Acq: 13 Oct 2018 2:11

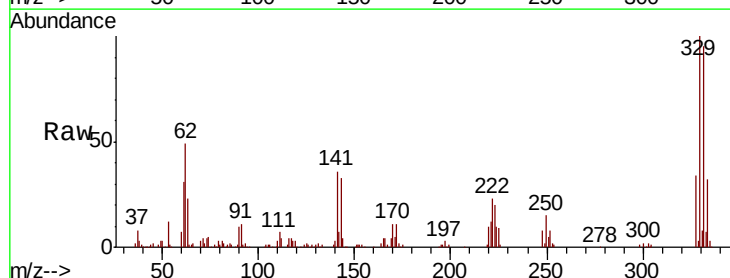
Tgt Ion:198 Resp: 817

Ion Ratio Lower Upper

198 100

51 23.8 22.7 62.7

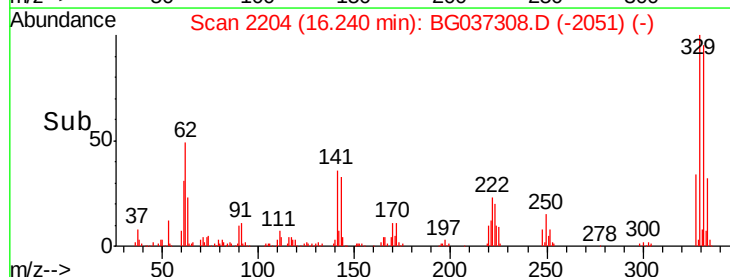
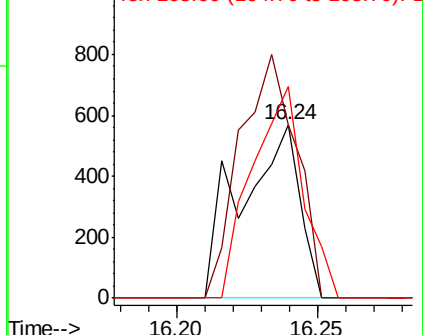
105 29.1 19.7 59.7

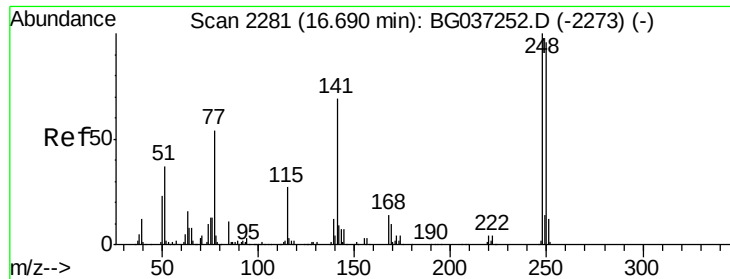


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

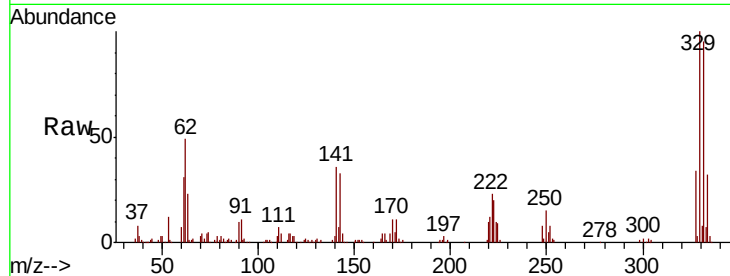




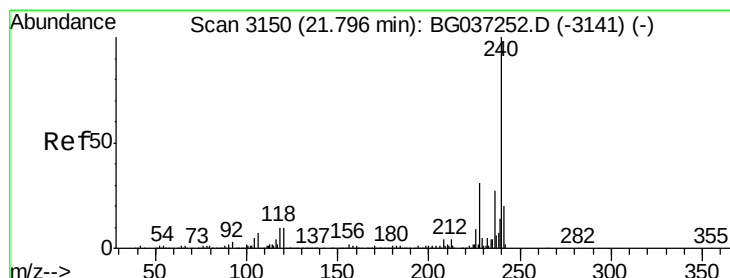
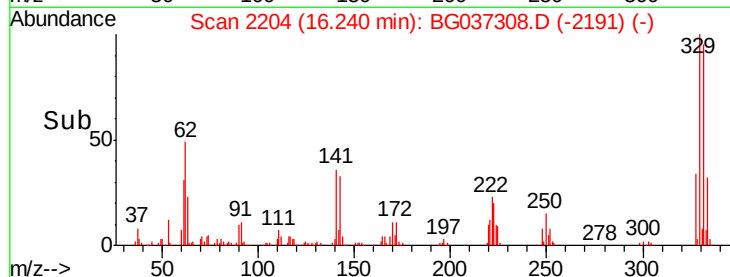
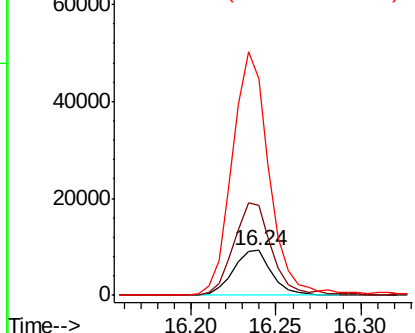
#67
 4-Bromophenyl-phenylether
 Concen: 3.332 ng
 RT: 16.24 min Scan# 2204
 Delta R.T. -0.45 min
 Lab File: BG037308.D
 Acq: 13 Oct 2018 2:11

Instrument :
 BNA_F
 ClientSampleId :
 PB113793BL

Tgt Ion:248 Resp: 14663
 Ion Ratio Lower Upper
 248 100
 250 205.0 77.0 115.6#
 141 379.8 55.5 83.3#

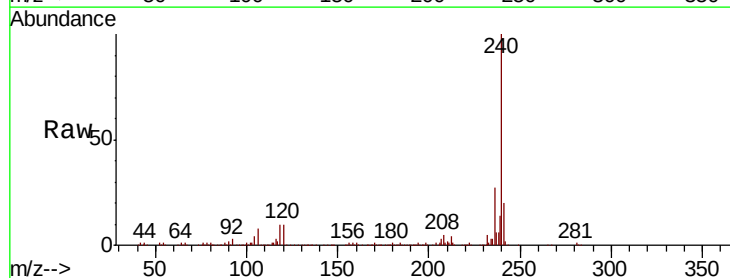


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

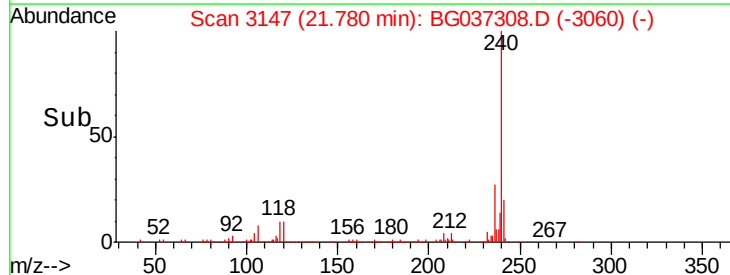
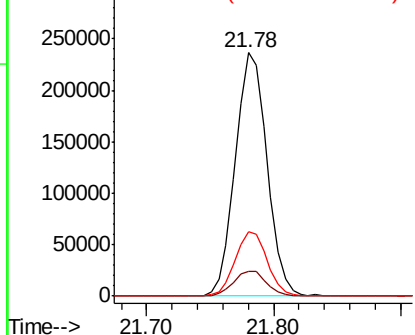


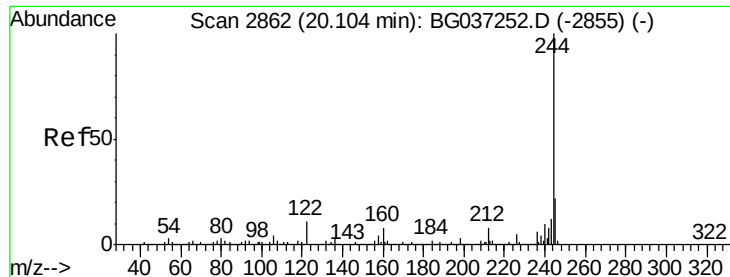
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.78 min Scan# 3147
 Delta R.T. -0.02 min
 Lab File: BG037308.D
 Acq: 13 Oct 2018 2:11

Tgt Ion:240 Resp: 410147
 Ion Ratio Lower Upper
 240 100
 120 10.1 8.1 12.1
 236 26.5 21.4 32.0



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 76.419 ng

RT: 20.10 min Scan# 2861

Delta R.T. -0.00 min

Lab File: BG037308.D

Acq: 13 Oct 2018 2:11

Instrument :

BNA_F

ClientSampleId :

PB113793BL

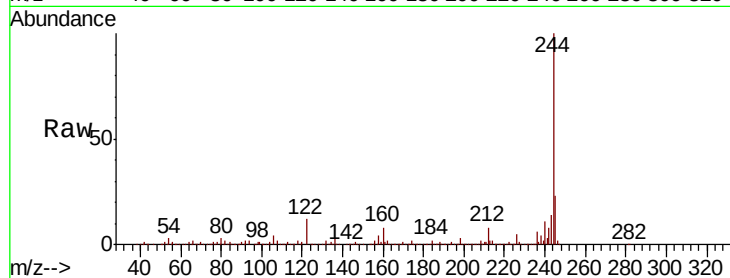
Tgt Ion:244 Resp: 1492707

Ion Ratio Lower Upper

244 100

212 8.4 6.5 9.7

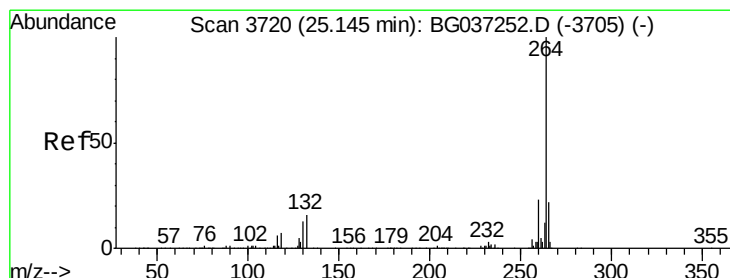
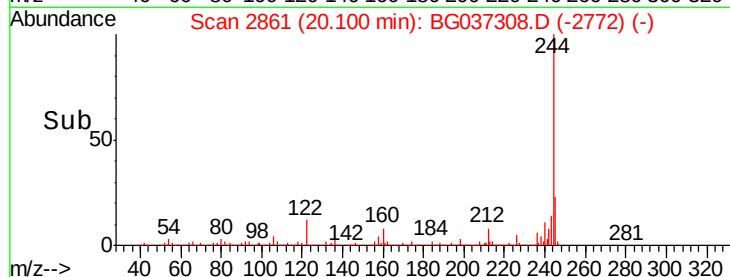
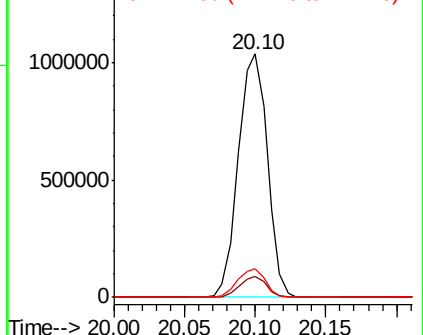
122 11.7 9.0 13.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.12 min Scan# 3716

Delta R.T. -0.02 min

Lab File: BG037308.D

Acq: 13 Oct 2018 2:11

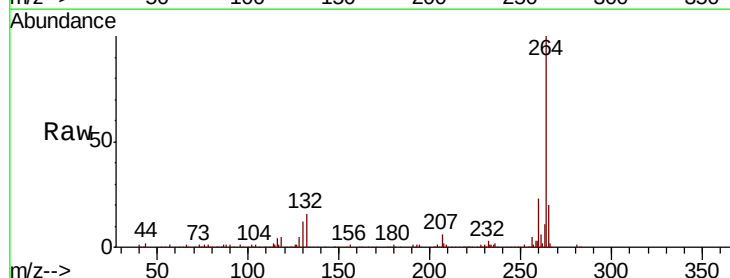
Tgt Ion:264 Resp: 403135

Ion Ratio Lower Upper

264 100

260 22.6 18.2 27.4

265 20.4 17.9 26.9



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

