

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102618\
 Data File : BG037609.D
 Acq On : 27 Oct 2018 9:31
 Operator : JU/SJ
 Sample : J5662-15
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 29 04:11:10 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

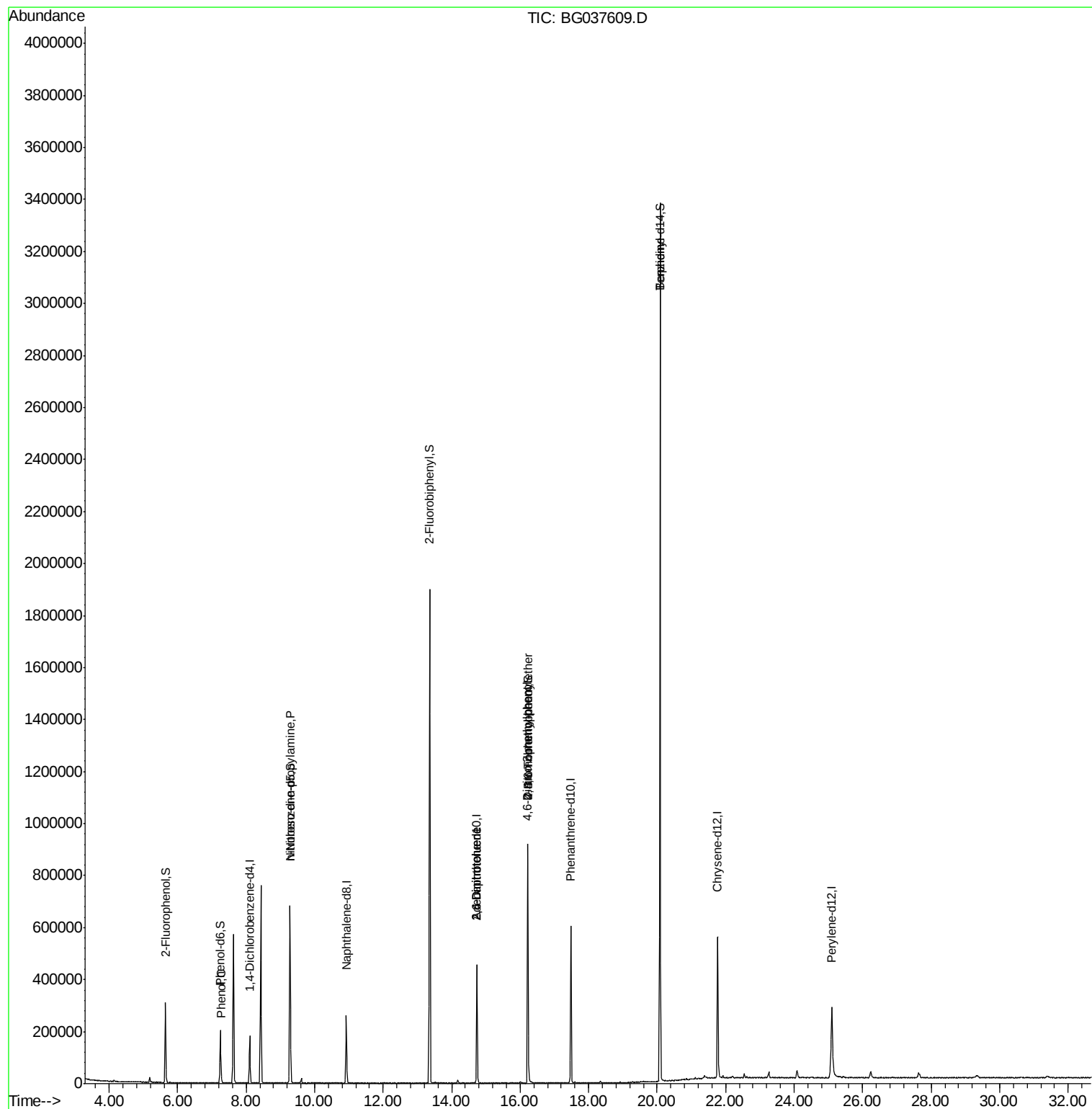
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	53137	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	235089	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	161022	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	389756	20.00	ng	0.00
76) Chrysene-d12	21.76	240	356762	20.00	ng	-0.01
87) Perylene-d12	25.10	264	340176	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	145078	45.65	ng	0.00
7) Phenol-d6	7.24	99	128922	26.83	ng	0.00
23) Nitrobenzene-d5	9.28	82	430569	102.60	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	170257	96.94	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	1041377	97.52	ng	0.00
79) Terphenyl-d14	20.08	244	1589111	95.18	ng	0.00
Target Compounds						
10) Phenol	7.27	94	21494	4.239	ng	90
19) n-Nitroso-di-n-propylamine	9.28	70	54154	16.363	ng	# 71
51) 2,6-Dinitrotoluene	14.74	165	20677	7.503	ng	# 26
57) 2,4-Dinitrotoluene	14.74	165	20677	5.716	ng	# 26
65) 4,6-Dinitro-2-methylphenol	16.21	198	214	8.594	ng	# 74
67) 4-Bromophenyl-phenylether	16.22	248	11913	2.783	ng	# 1
77) Benizidine	20.08	184	26859	2.214	ng	# 90

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102618\
Data File : BG037609.D
Acq On : 27 Oct 2018 9:31
Operator : JU/SJ
Sample : J5662-15
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Oct 29 04:11:10 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



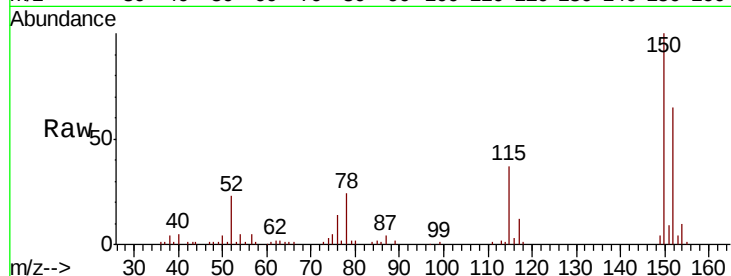


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037609.D
Acq: 27 Oct 2018 9:31

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.4	126.0	189.0
115	56.9	45.5	68.3

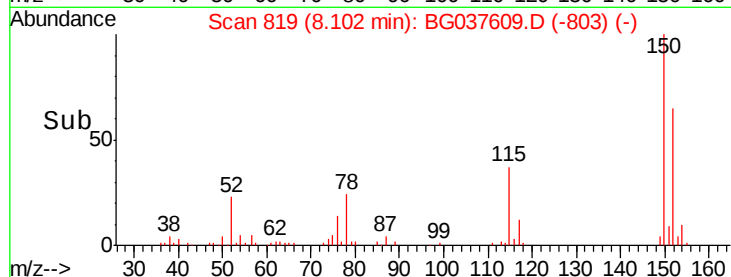
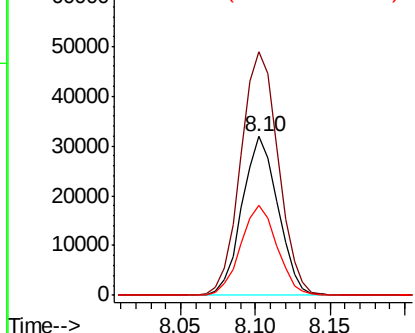


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

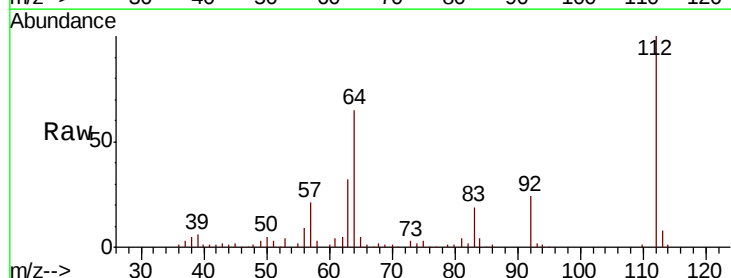
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 45.646 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG037609.D
Acq: 27 Oct 2018 9:31

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.0	53.1	79.7
63	32.3	27.3	40.9

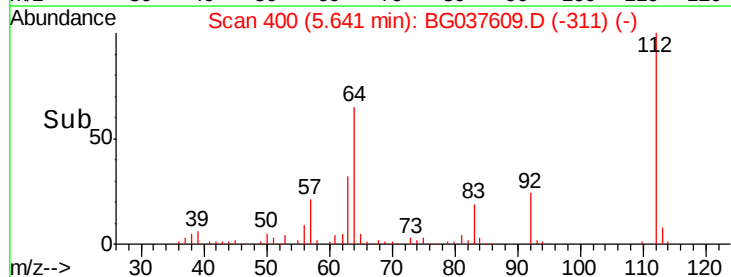
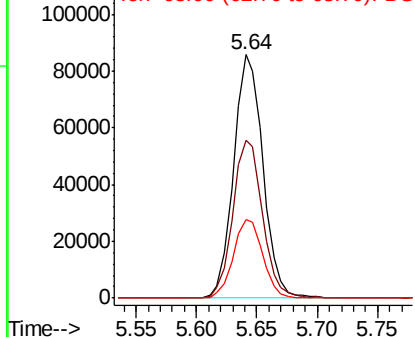


Abundance

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: 26.825 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037609.D

Acq: 27 Oct 2018 9:31

Instrument :

BNA_G

ClientSampleId :

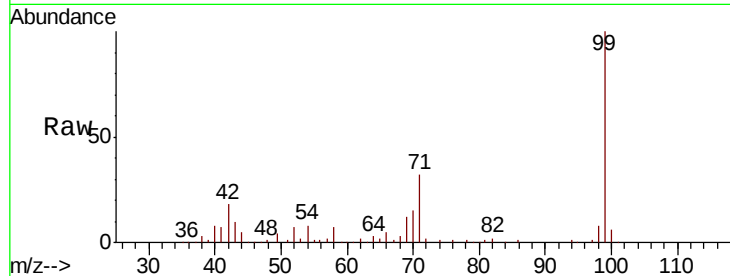
Tot Ion: 99 Resp: 128922

Ion Ratio Lower Upper

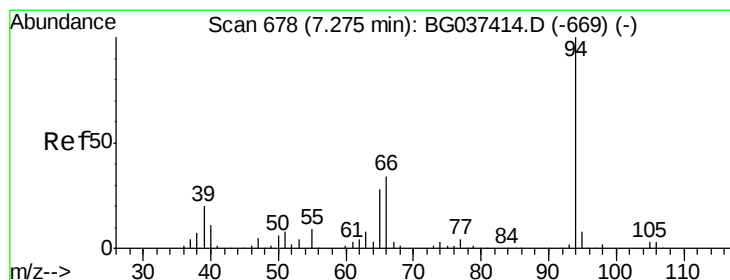
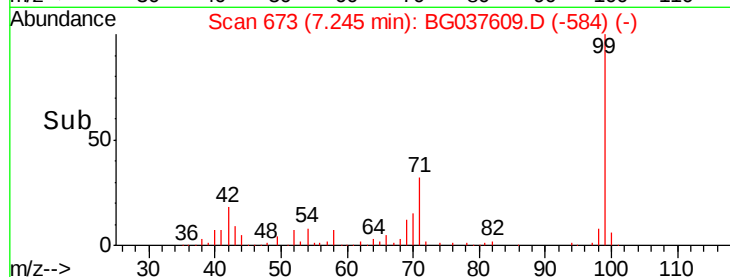
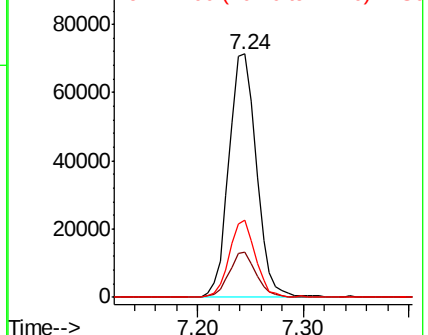
99 100

42 18.4 15.0 22.4

71 31.7 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



#10

Phenol

Concen: 4.239 ng

RT: 7.27 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG037609.D

Acq: 27 Oct 2018 9:31

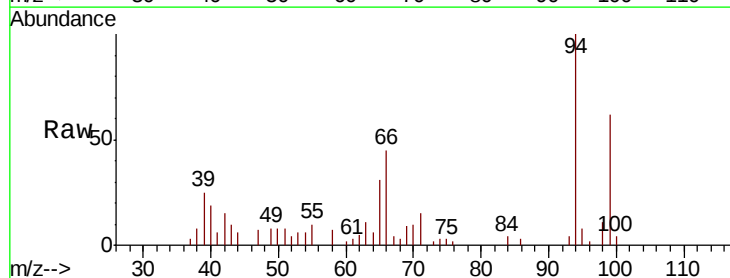
Tgt Ion: 94 Resp: 21494

Ion Ratio Lower Upper

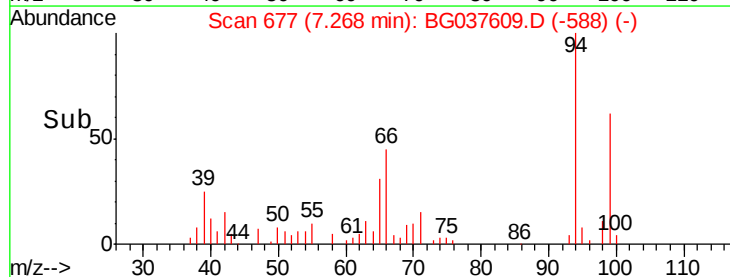
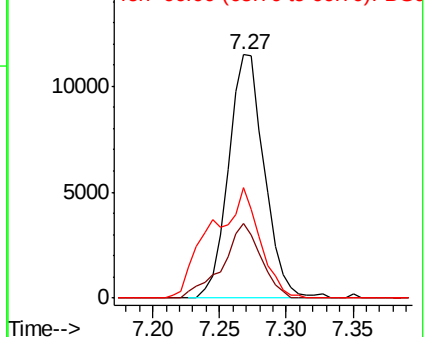
94 100

65 30.6 9.7 49.7

66 45.4 15.9 55.9



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

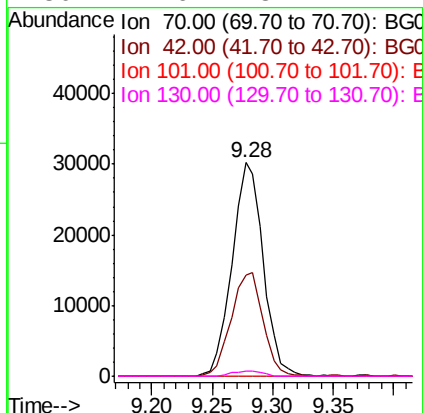
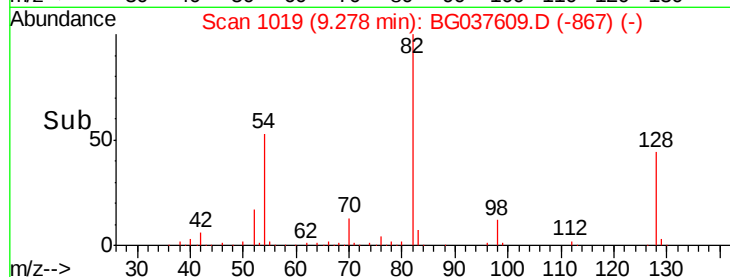
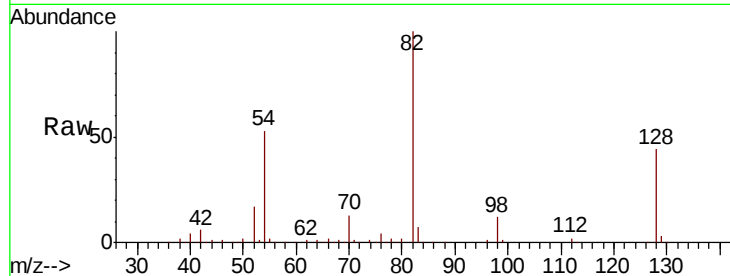




#19
n-Nitroso-di-n-propylamine
Concen: 16.363 ng
RT: 9.28 min Scan# 1019
Delta R.T. 0.36 min
Lab File: BG037609.D
Acq: 27 Oct 2018 9:31

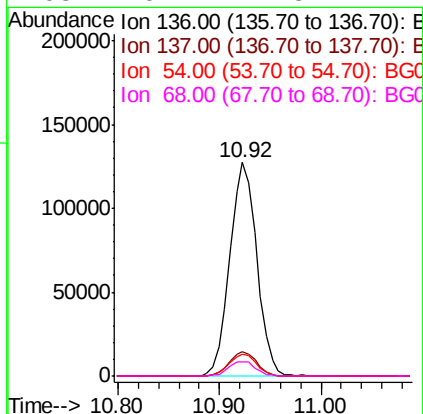
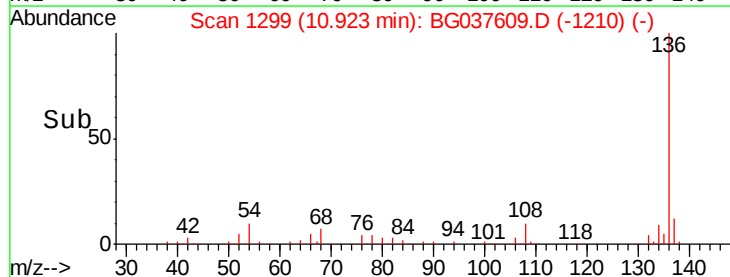
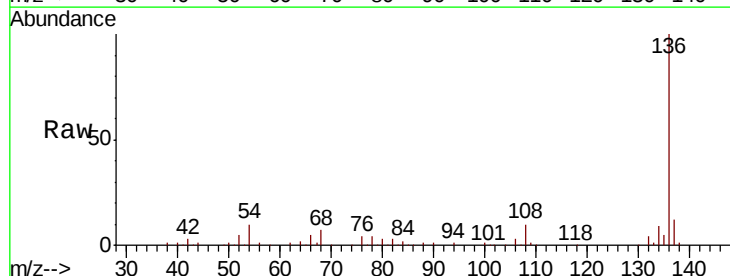
Instrument :
BNA_G
ClientSampled :

Tot Ion: 70 Resp: 54154
Ion Ratio Lower Upper
70 100
42 47.4 53.9 80.9#
101 0.0 8.2 12.2#
130 2.6 18.2 27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG037609.D
Acq: 27 Oct 2018 9:31

Tgt Ion: 136 Resp: 235089
Ion Ratio Lower Upper
136 100
137 11.7 9.6 14.4
54 9.9 7.9 11.9
68 6.7 4.8 7.2

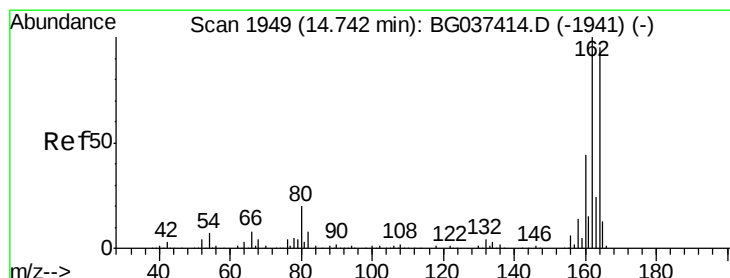
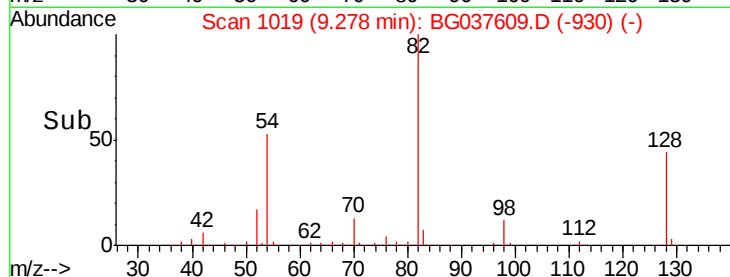
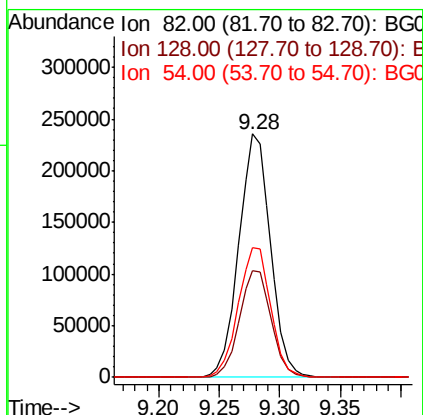
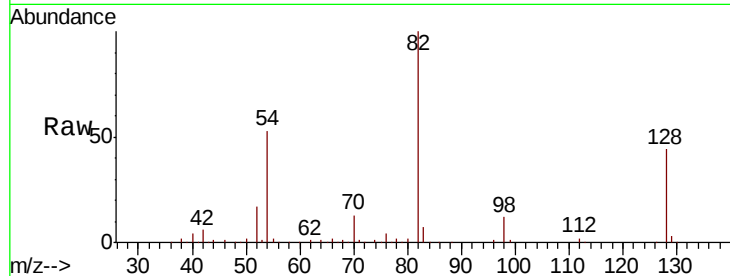




#23
 Nitrobenzene-d5
 Concen: 102.600 ng
 RT: 9.28 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: BG037609.D
 Acq: 27 Oct 2018 9:31

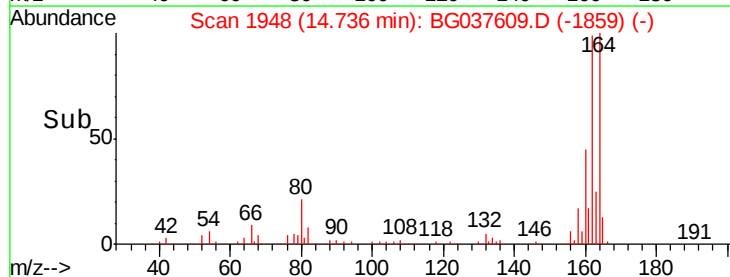
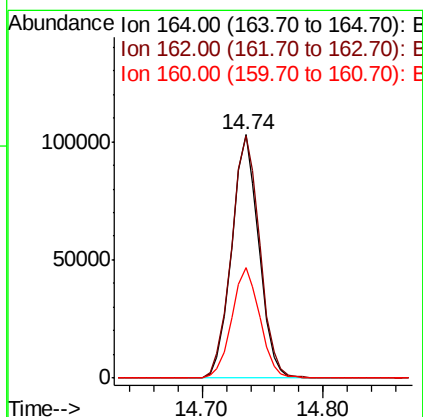
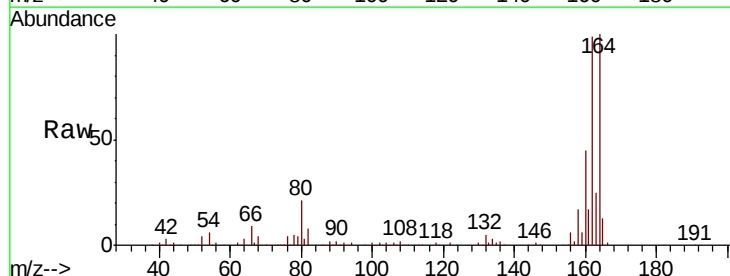
Instrument :
 BNA_G
 ClientSampleID :

Tot Ion	82	Resp	430569
Ion Ratio	100		
Lower	34.6		
Upper	51.8		
54	53.3	45.3	67.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.74 min Scan# 1948
 Delta R.T. -0.01 min
 Lab File: BG037609.D
 Acq: 27 Oct 2018 9:31

Tgt Ion	164	Resp	161022
Ion Ratio	100		
Lower	81.3		
Upper	121.9		
162	99.4	36.3	54.5
160	45.4		





#42

2,4,6-Tribromophenol

Concen: 96.944 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG037609.D

Acq: 27 Oct 2018 9:31

Instrument :

BNA_G

ClientSampled :

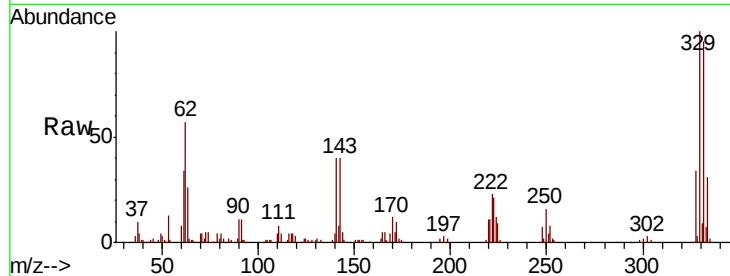
Tot Ion:330 Resp: 170257

Ion Ratio Lower Upper

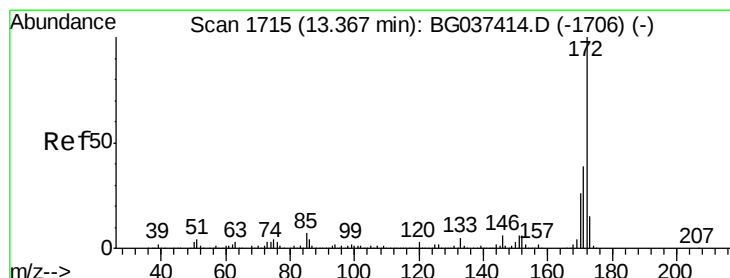
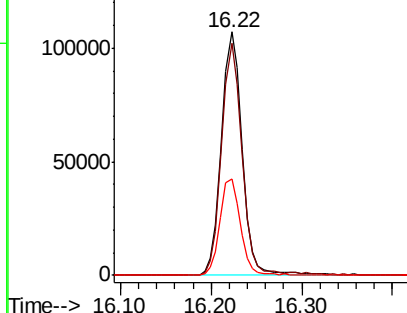
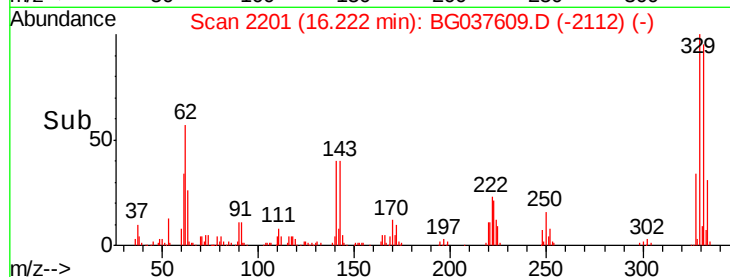
330 100

332 94.2 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: 97.523 ng

RT: 13.36 min Scan# 1714

Delta R.T. -0.01 min

Lab File: BG037609.D

Acq: 27 Oct 2018 9:31

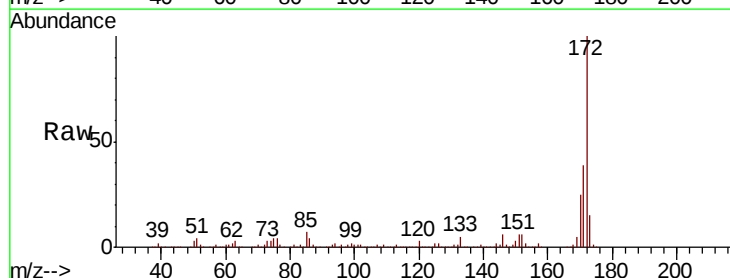
Tgt Ion:172 Resp: 1041377

Ion Ratio Lower Upper

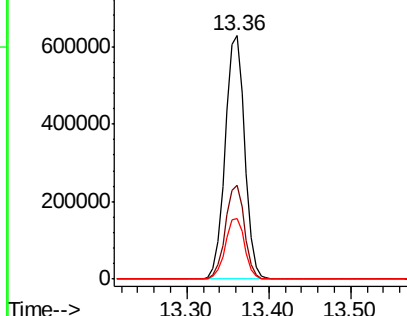
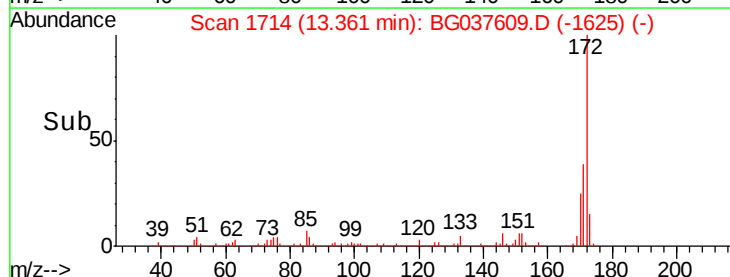
172 100

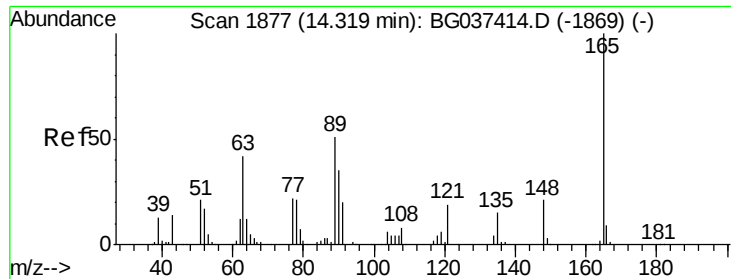
171 38.7 31.0 46.4

170 24.9 20.2 30.2



Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

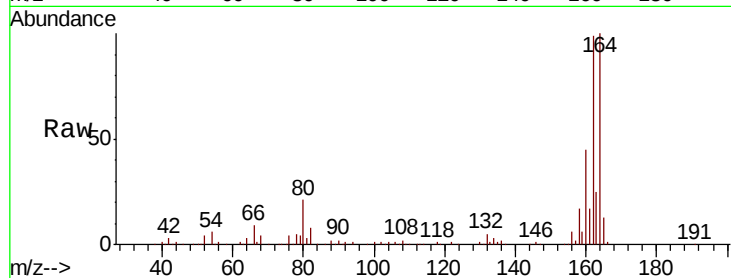




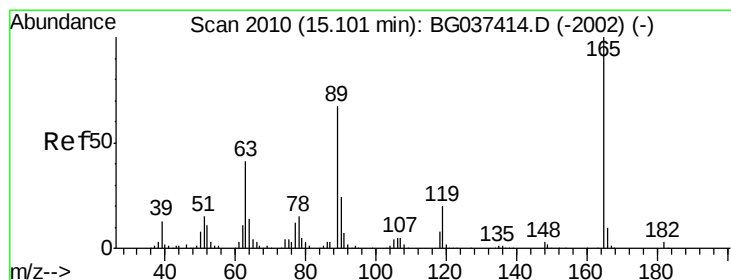
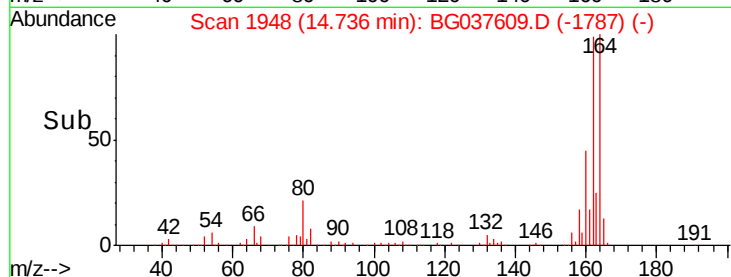
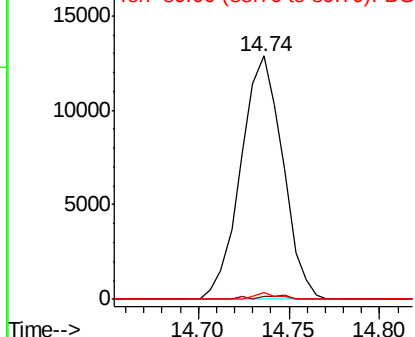
#51
 2,6-Dinitrotoluene
 Concen: 7.503 ng
 RT: 14.74 min Scan# 1948
 Delta R.T. 0.42 min
 Lab File: BG037609.D
 Acq: 27 Oct 2018 9:31

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	43.4	65.2#
89	2.7	45.8	68.6#

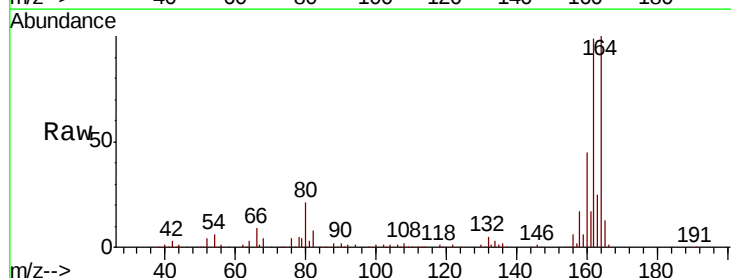


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

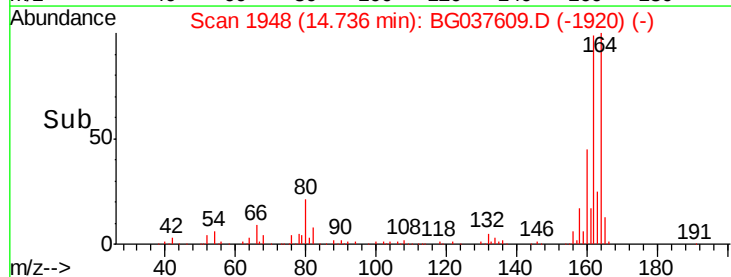
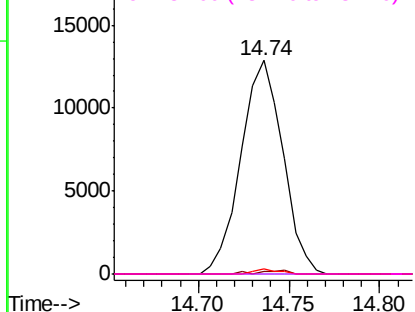


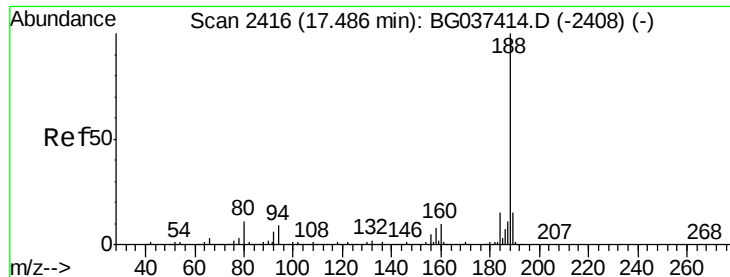
#57
 2,4-Dinitrotoluene
 Concen: 5.716 ng
 RT: 14.74 min Scan# 1948
 Delta R.T. -0.36 min
 Lab File: BG037609.D
 Acq: 27 Oct 2018 9:31

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	33.4	50.0#
89	2.7	57.2	85.8#
182	0.0	2.6	4.0#



Abundance Ion 165.00 (164.70 to 165.70): E
 20000 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: 17.48 min Scan# 2415

Delta R.T. -0.01 min

Lab File: BG037609.D

Acq: 27 Oct 2018 9:31

Instrument :

BNA_G

ClientSampleId :

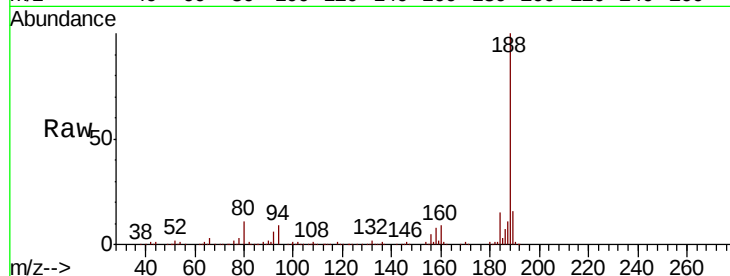
Tot Ion:188 Resp: 389756

Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.2	10.8
80	10.7	7.7	11.5

188 100

94 9.4 7.2 10.8

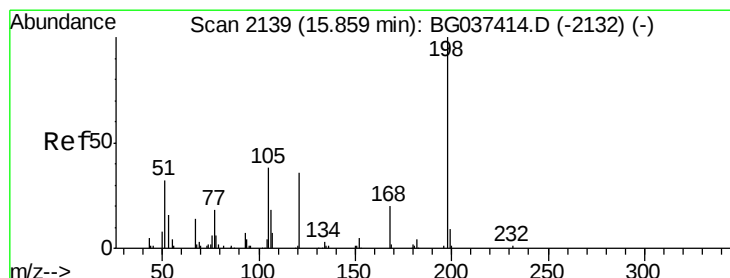
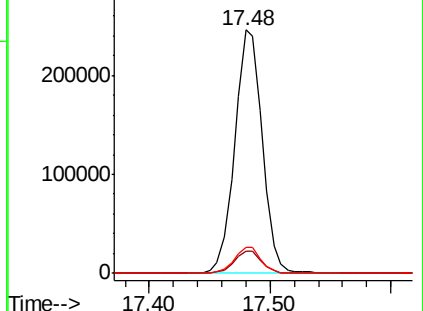
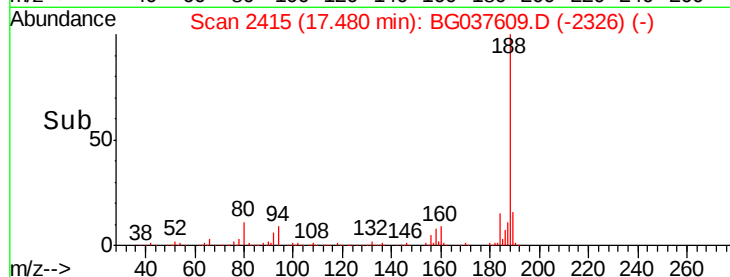
80 10.7 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#65

4,6-Dinitro-2-methylphenol

Concen: 8.594 ng

RT: 16.21 min Scan# 2199

Delta R.T. 0.35 min

Lab File: BG037609.D

Acq: 27 Oct 2018 9:31

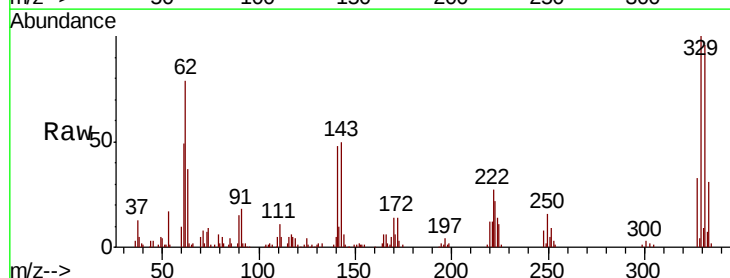
Tgt Ion:198 Resp: 214

Ion	Ratio	Lower	Upper
198	100		
51	22.1	22.7	62.7#
105	28.4	19.7	59.7

198 100

51 22.1 22.7 62.7#

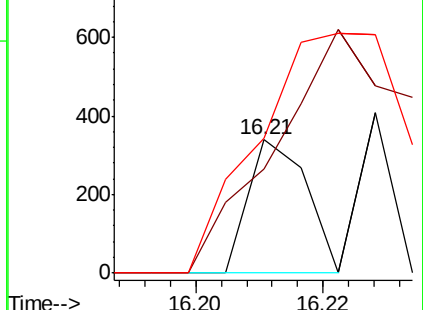
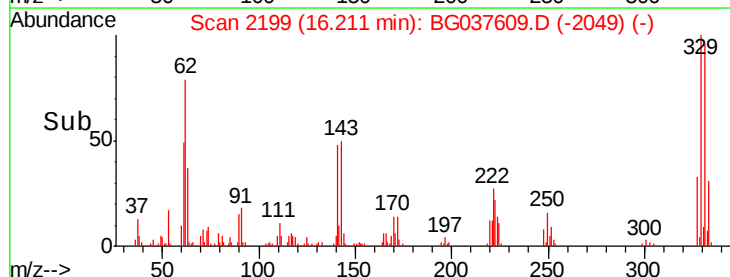
105 28.4 19.7 59.7



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

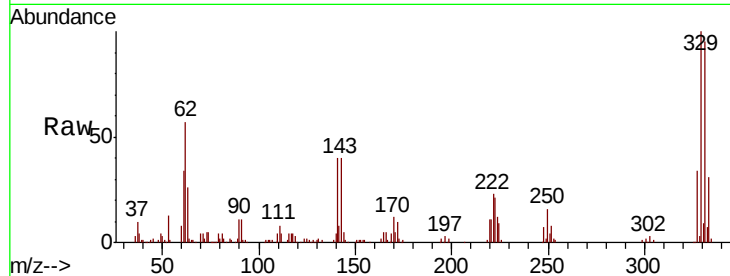




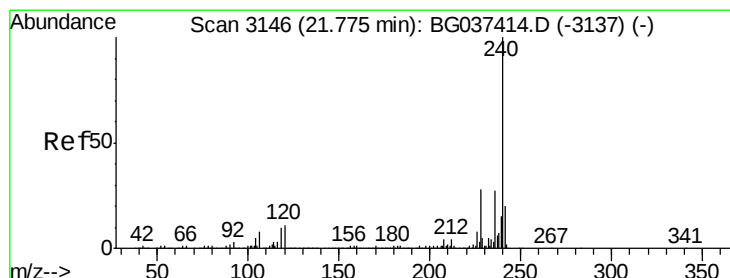
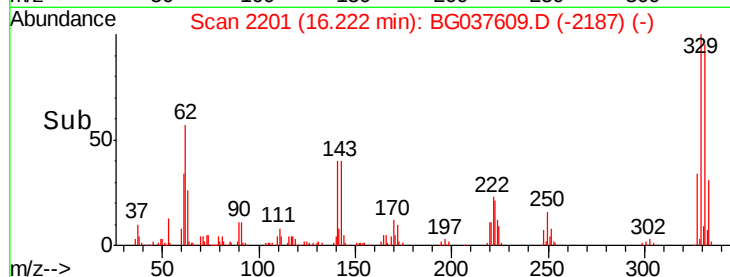
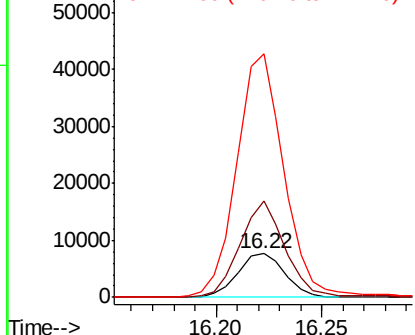
#67
 4-Bromophenyl-phenylether
 Concen: 2.783 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. -0.45 min
 Lab File: BG037609.D
 Acq: 27 Oct 2018 9:31

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 11913
 Ion Ratio Lower Upper
 248 100
 250 211.4 77.0 115.6#
 141 422.8 55.5 83.3#

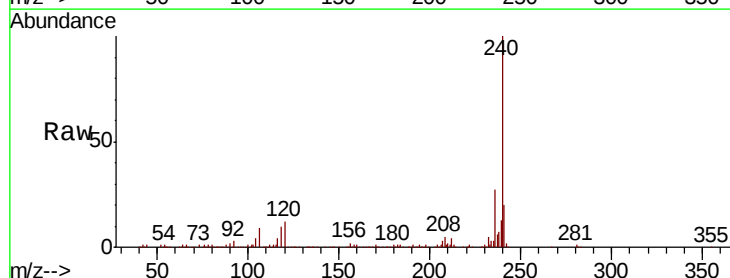


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

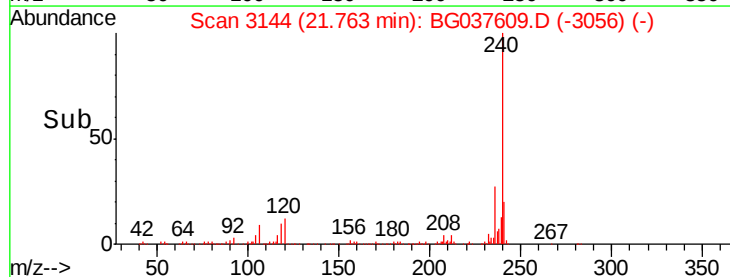
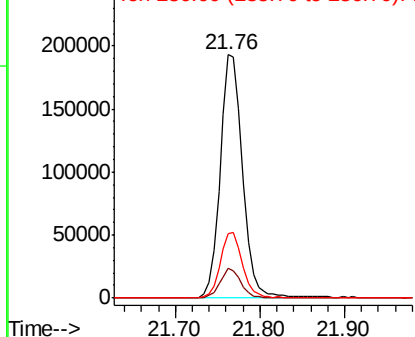


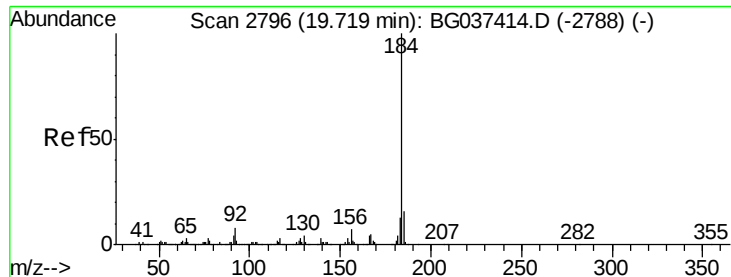
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.76 min Scan# 3144
 Delta R.T. -0.01 min
 Lab File: BG037609.D
 Acq: 27 Oct 2018 9:31

Tgt Ion:240 Resp: 356762
 Ion Ratio Lower Upper
 240 100
 120 12.3 8.1 12.1#
 236 26.6 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





#77

Benzidine

Concen: 2.214 ng

RT: 20.08 min Scan# 2858

Delta R.T. 0.36 min

Lab File: BG037609.D

Acq: 27 Oct 2018 9:31

Instrument :

BNA_G

ClientSampled :

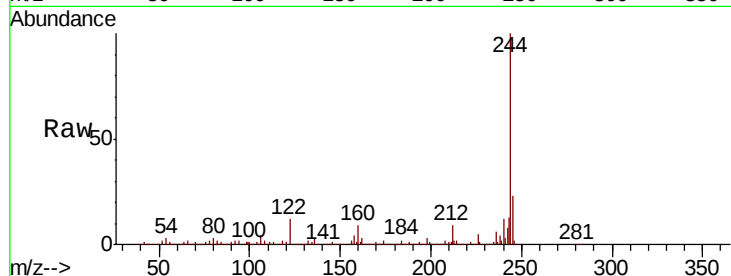
Tot Ion:184 Resp: 26859

Ion Ratio Lower Upper

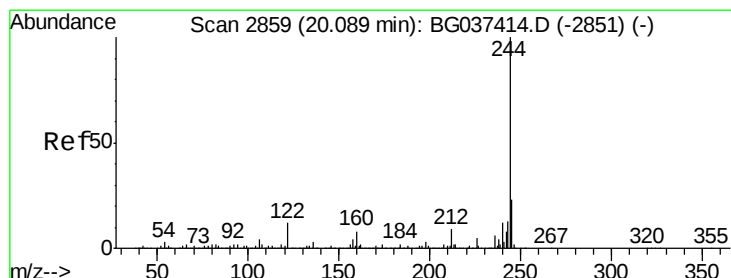
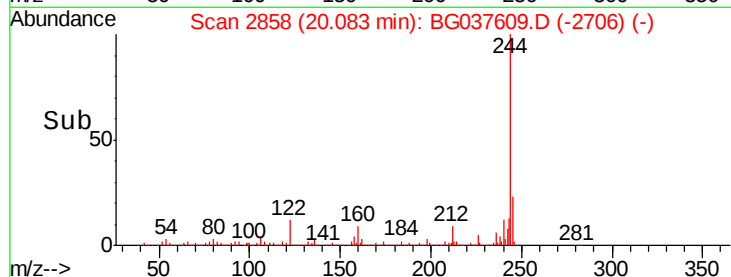
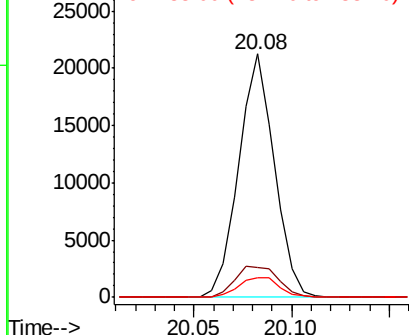
184 100

185 12.3 12.6 18.8#

183 7.9 10.2 15.2#



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#79

Terphenyl-d14

Concen: 95.177 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037609.D

Acq: 27 Oct 2018 9:31

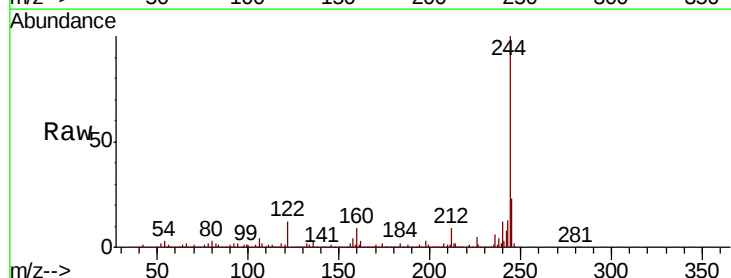
Tgt Ion:244 Resp: 1589111

Ion Ratio Lower Upper

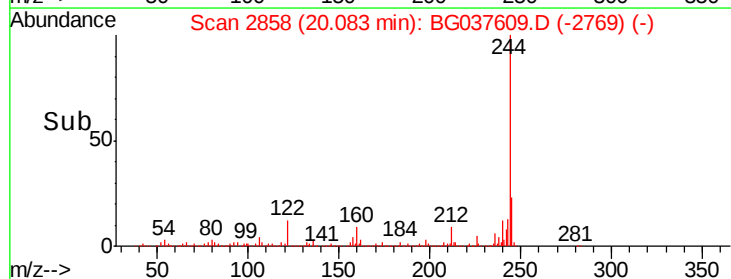
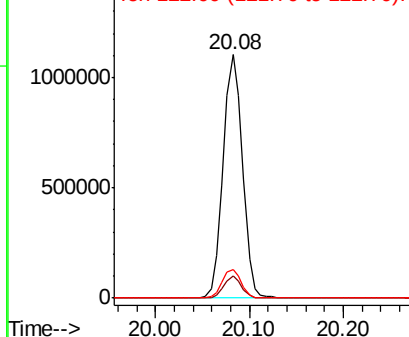
244 100

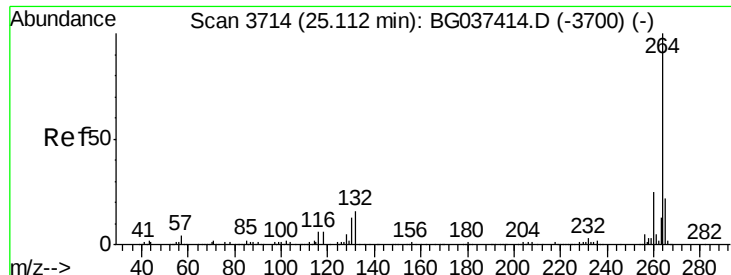
212 8.9 6.5 9.7

122 11.8 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

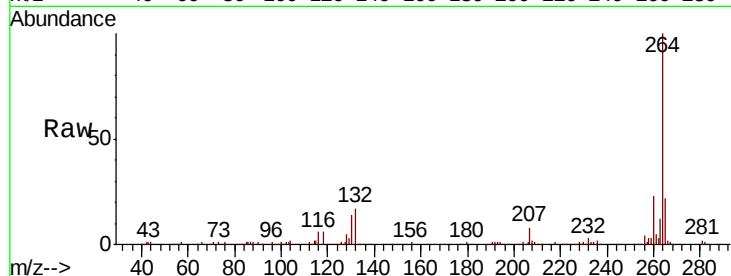




#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.10 min Scan# 3712
Delta R.T. -0.01 min
Lab File: BG037609.D
Acq: 27 Oct 2018 9:31

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.2	27.4
265	21.7	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

