

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG101718\
 Data File : BG037396.D
 Acq On : 17 Oct 2018 18:49
 Operator : JU/SJ
 Sample : J5539-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-9-5-7FT

Quant Time: Oct 18 11:43:04 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG101118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 17 15:19:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	64718	20.00	ng	-0.02
21) Naphthalene-d8	10.93	136	293681	20.00	ng	-0.02
39) Acenaphthene-d10	14.74	164	199789	20.00	ng	-0.02
64) Phenanthrene-d10	17.49	188	499797	20.00	ng	-0.02
76) Chrysene-d12	21.77	240	469811	20.00	ng	-0.02
87) Perylene-d12	25.12	264	468546	20.00	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.65	112	564032	153.38	ng	0.00
7) Phenol-d6	7.25	99	836316	149.83	ng	0.00
23) Nitrobenzene-d5	9.29	82	479140	107.26	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	313384	159.94	ng	-0.02
45) 2-Fluorobiphenyl	13.37	172	1143463	85.95	ng	-0.02
79) Terphenyl-d14	20.09	244	1746174	78.04	ng	-0.02

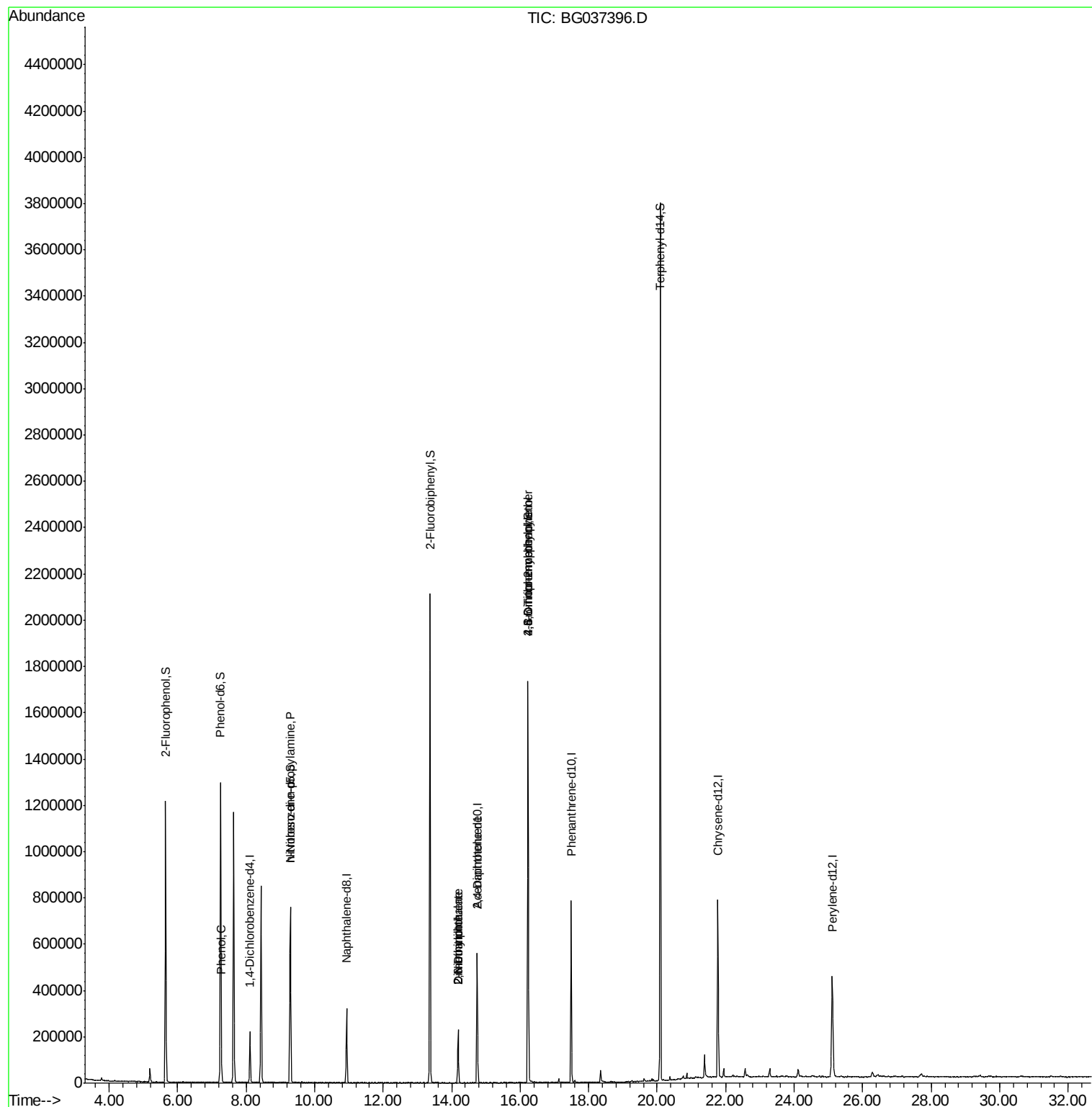
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	7.28	94	44295	7.535	ng	96
19) n-Nitroso-di-n-propylamine	9.29	70	61274	14.500	ng	# 69
48) 2-Nitroaniline	14.18	65	1254	6.083	ng	# 1
50) Dimethylphthalate	14.19	163	163957	10.443	ng	98
51) 2,6-Dinitrotoluene	14.19	165	1887	5.367	ng	# 1
57) 2,4-Dinitrotoluene	14.74	165	26682	11.477	ng	# 25
65) 4,6-Dinitro-2-methylphenol	16.23	198	945	6.475	ng	79
67) 4-Bromophenyl-phenylether	16.23	248	23636	4.382	ng	# 1

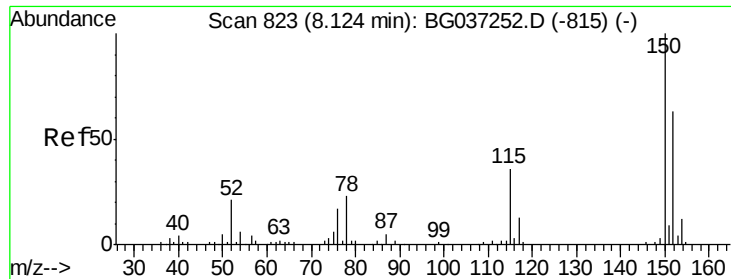
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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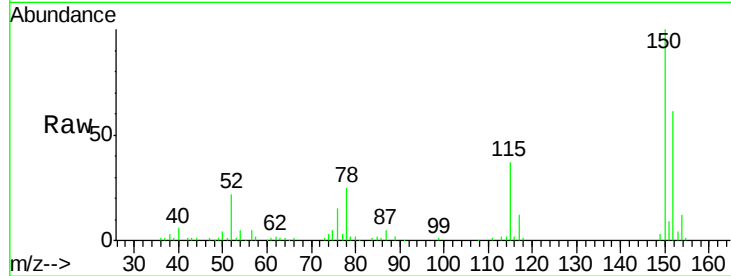


#1

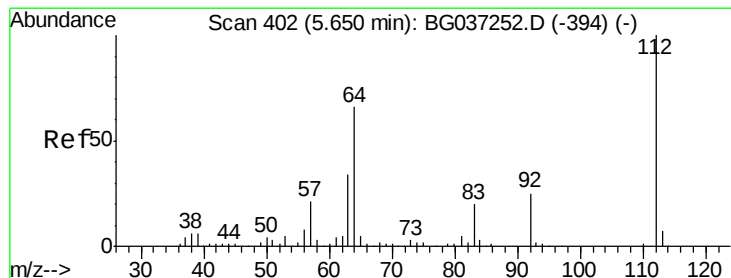
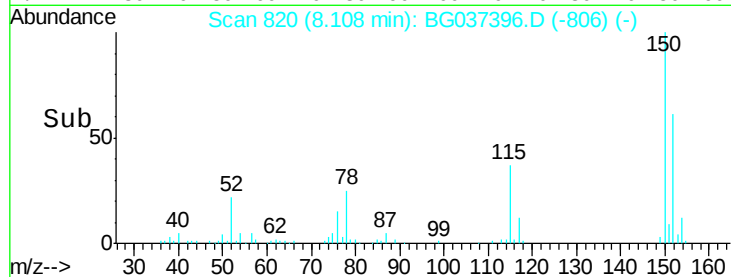
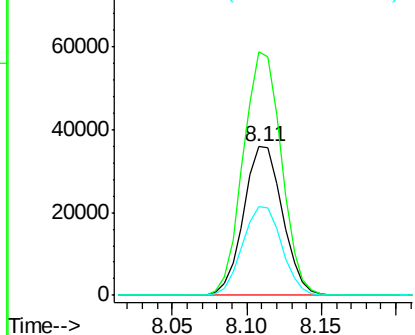
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 820
Delta R.T. -0.02 min
Lab File: BG037396.D
Acq: 17 Oct 2018 18:49

Instrument :
BNA_G
ClientSampleId :
SB-9-5-7FT

Tgt Ion:152 Resp: 64718
Ion Ratio Lower Upper
152 100
150 164.1 126.0 189.0
115 60.1 45.5 68.3



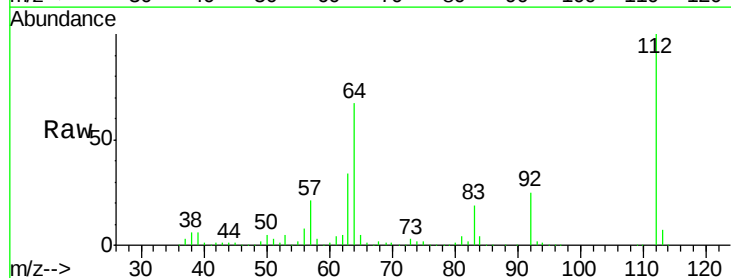
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



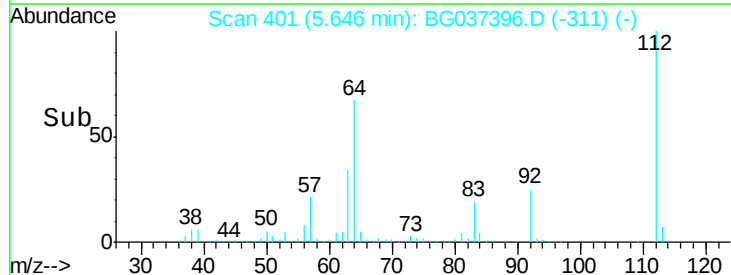
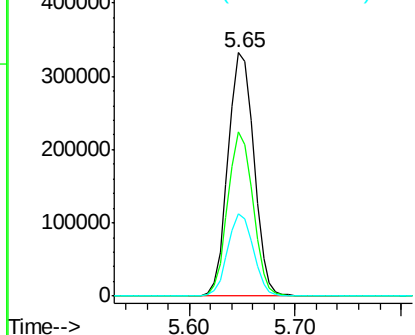
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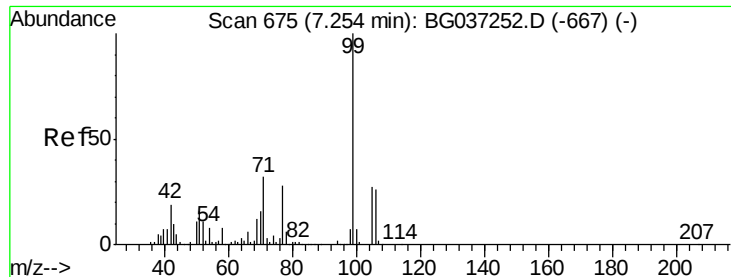
2-Fluorophenol
Concen: 153.380 ng
RT: 5.65 min Scan# 401
Delta R.T. -0.00 min
Lab File: BG037396.D
Acq: 17 Oct 2018 18:49

Tgt Ion:112 Resp: 564032
Ion Ratio Lower Upper
112 100
64 67.5 53.1 79.7
63 34.0 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: 149.834 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG037396.D

Acq: 17 Oct 2018 18:49

Instrument :

BNA_G

ClientSampleId :

SB-9-5-7FT

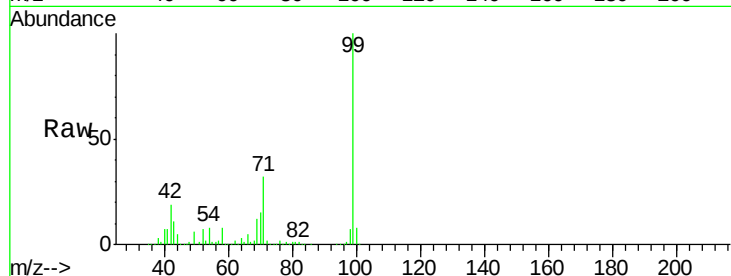
Tgt Ion: 99 Resp: 836316

Ion Ratio Lower Upper

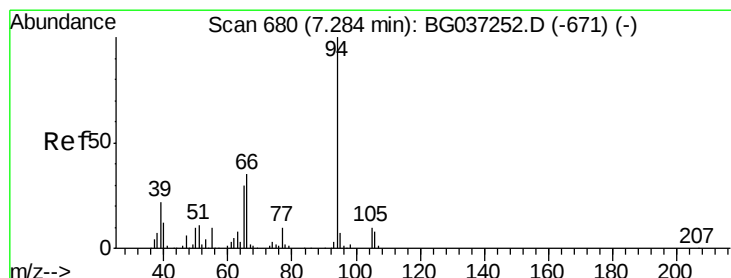
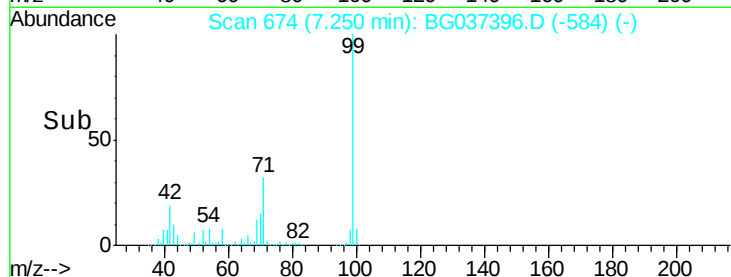
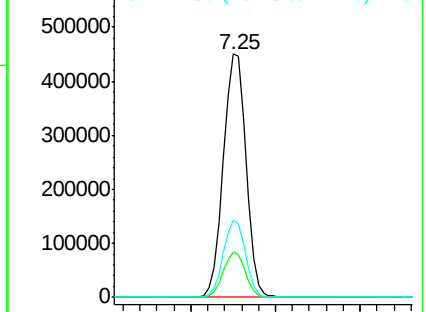
99 100

42 18.7 15.0 22.4

71 31.8 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: 7.535 ng

RT: 7.28 min Scan# 679

Delta R.T. -0.00 min

Lab File: BG037396.D

Acq: 17 Oct 2018 18:49

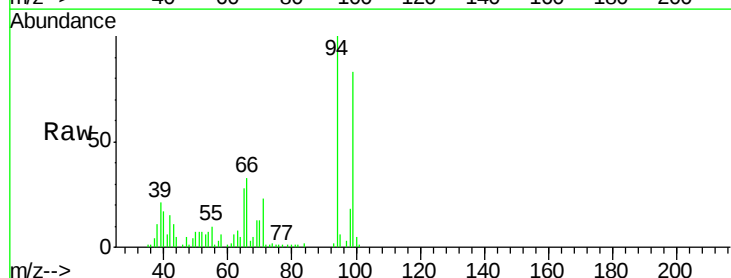
Tgt Ion: 94 Resp: 44295

Ion Ratio Lower Upper

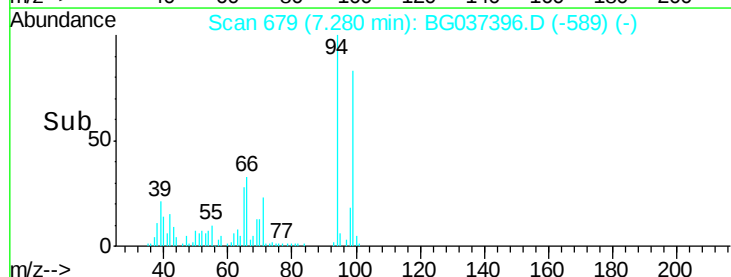
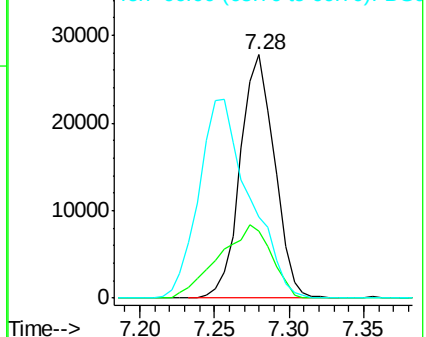
94 100

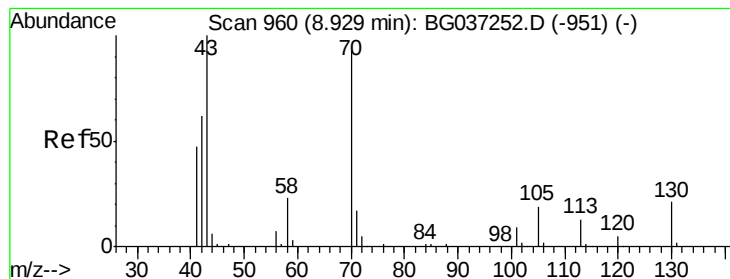
65 27.7 9.7 49.7

66 33.2 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: 14.500 ng

RT: 9.29 min Scan# 1021

Delta R.T. 0.36 min

Lab File: BG037396.D

Acq: 17 Oct 2018 18:49

Instrument :

BNA_G

ClientSampleId :

SB-9-5-7FT

Tgt Ion: 70 Resp: 61274

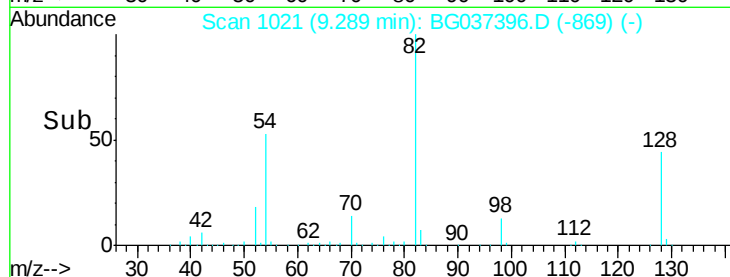
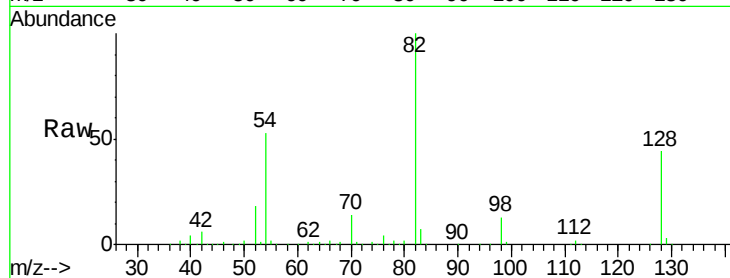
Ion Ratio Lower Upper

70 100

42 45.5 53.9 80.9#

101 0.0 8.2 12.2#

130 1.9 18.2 27.4#

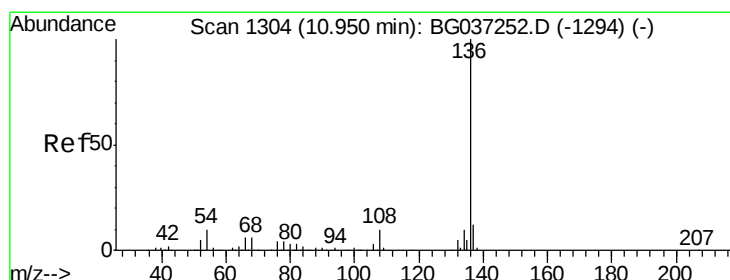
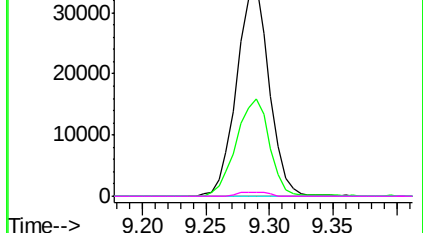


Abundance Ion 70.00 (69.70 to 70.70): BGC

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: 10.93 min Scan# 1301

Delta R.T. -0.02 min

Lab File: BG037396.D

Acq: 17 Oct 2018 18:49

Tgt Ion: 136 Resp: 293681

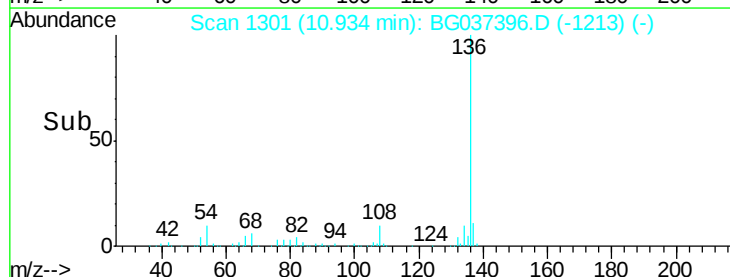
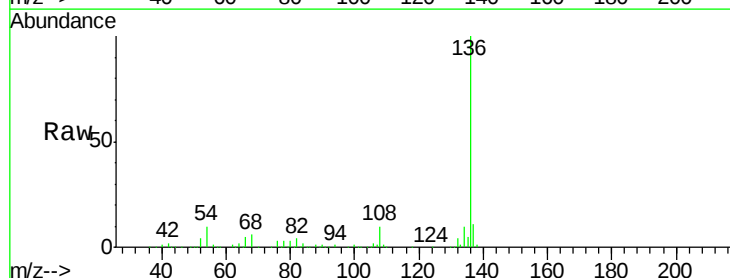
Ion Ratio Lower Upper

136 100

137 11.2 9.6 14.4

54 9.9 7.9 11.9

68 6.5 4.8 7.2

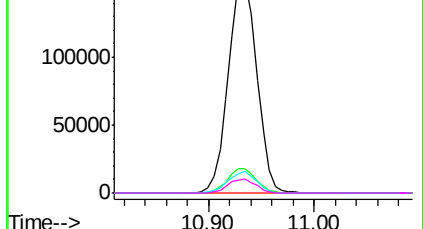


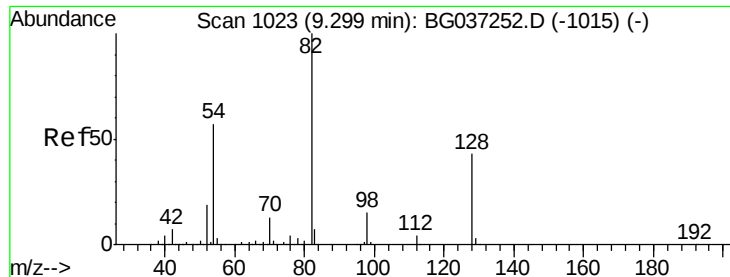
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

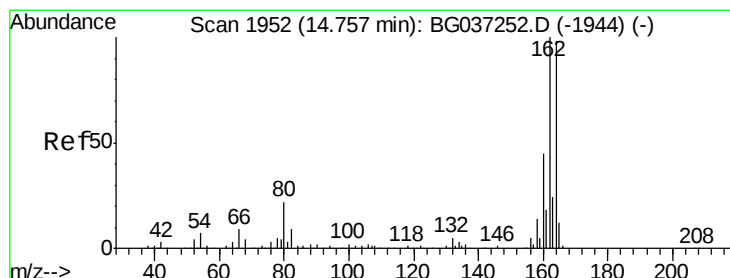
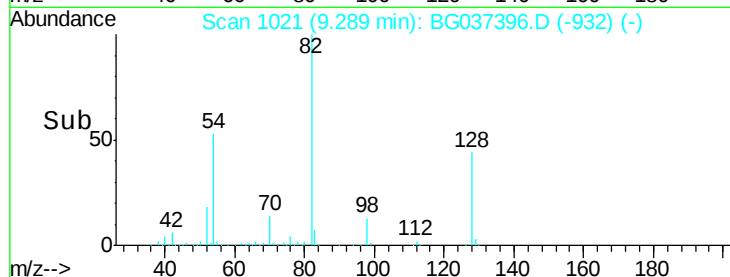
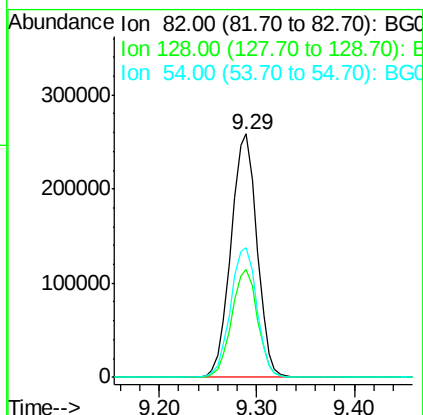
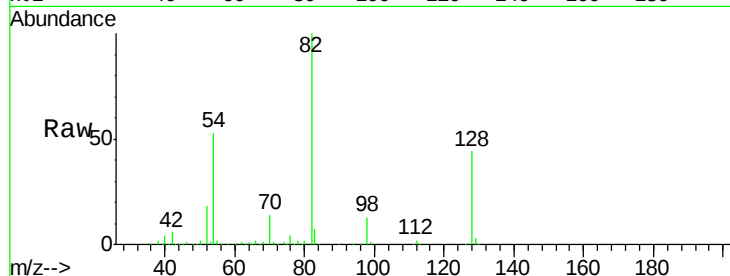




#23
 Nitrobenzene-d5
 Concen: 107.263 ng
 RT: 9.29 min Scan# 1021
 Delta R.T. -0.01 min
 Lab File: BG037396.D
 Acq: 17 Oct 2018 18:49

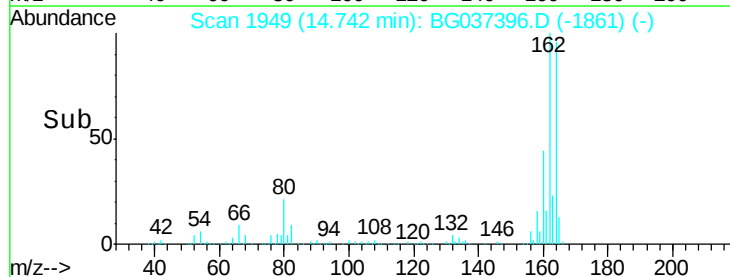
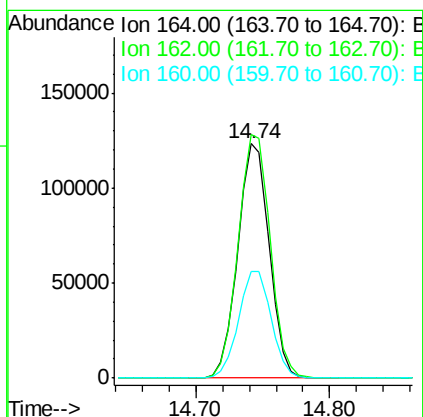
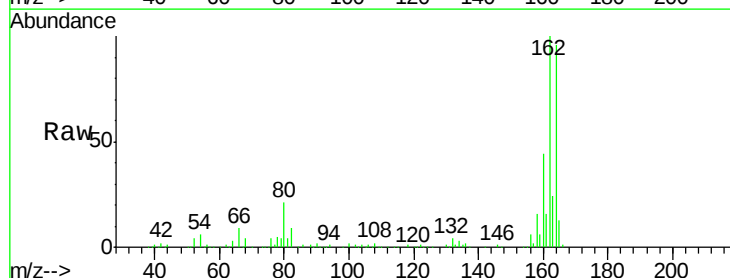
Instrument :
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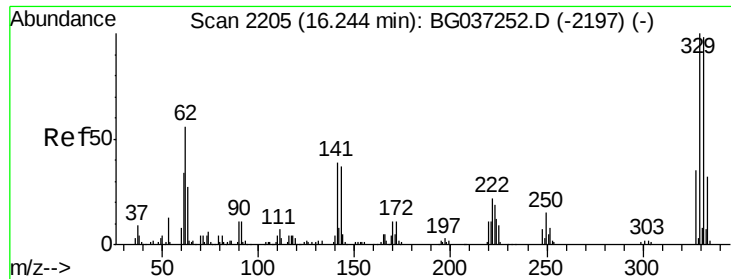
Tgt Ion	Ratio	Lower	Upper
82	100		
128	44.3	34.6	51.8
54	53.2	45.3	67.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.74 min Scan# 1949
 Delta R.T. -0.02 min
 Lab File: BG037396.D
 Acq: 17 Oct 2018 18:49

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.9	81.3	121.9
160	45.7	36.3	54.5

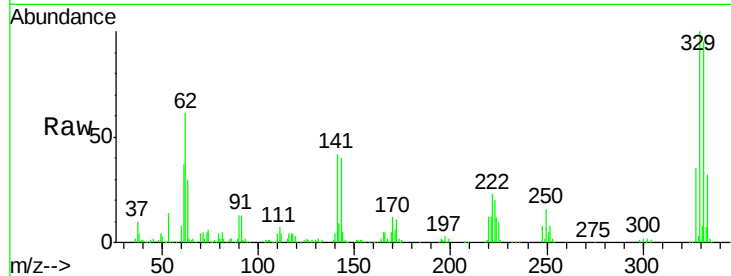




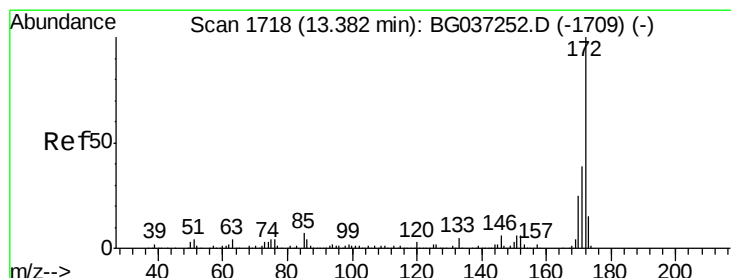
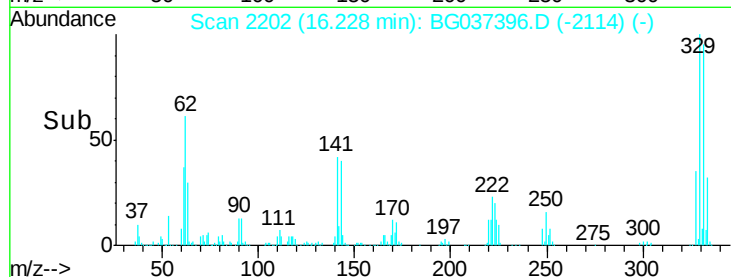
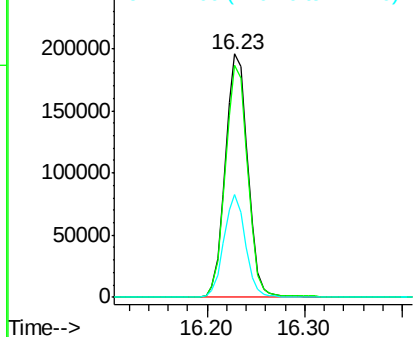
#42
 2,4,6-Tribromophenol
 Concen: 159.941 ng
 RT: 16.23 min Scan# 2202
 Delta R.T. -0.02 min
 Lab File: BG037396.D
 Acq: 17 Oct 2018 18:49

Instrument :
 BNA_G
 ClientSampleId :
 SB-9-5-7FT

Tgt Ion:330 Resp: 313384
 Ion Ratio Lower Upper
 330 100
 332 94.3 78.4 117.6
 141 40.6 32.2 48.2

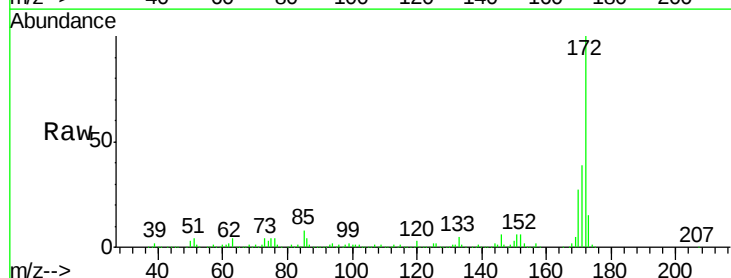


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

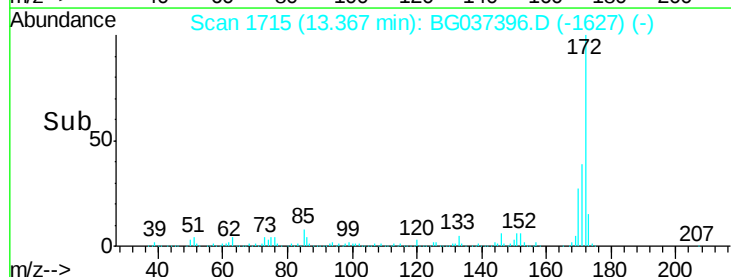
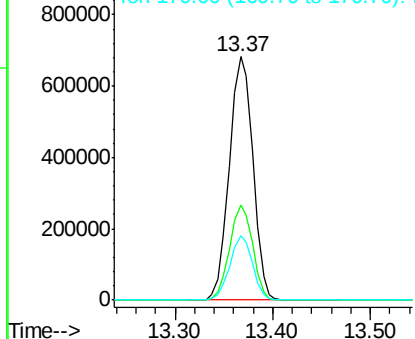


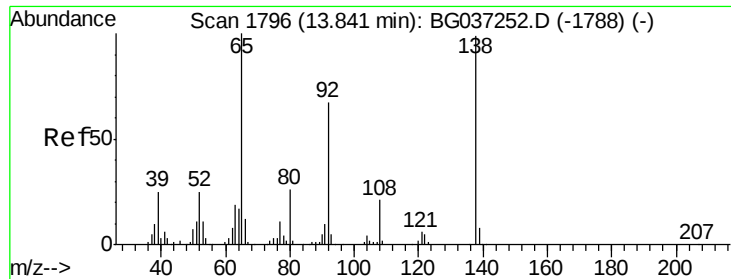
#45
 2-Fluorobiphenyl
 Concen: 85.951 ng
 RT: 13.37 min Scan# 1715
 Delta R.T. -0.02 min
 Lab File: BG037396.D
 Acq: 17 Oct 2018 18:49

Tgt Ion:172 Resp: 1143463
 Ion Ratio Lower Upper
 172 100
 171 38.9 31.0 46.4
 170 26.6 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





#48

2-Nitroaniline

Concen: 6.083 ng

RT: 14.18 min Scan# 1854

Delta R.T. 0.34 min

Lab File: BG037396.D

Acq: 17 Oct 2018 18:49

Instrument :

BNA_G

ClientSampleId :

SB-9-5-7FT

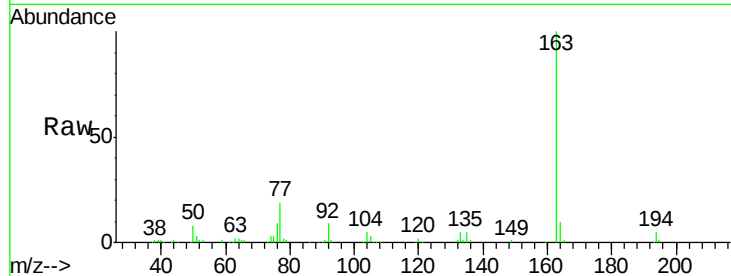
Tgt Ion: 65 Resp: 1254

Ion Ratio Lower Upper

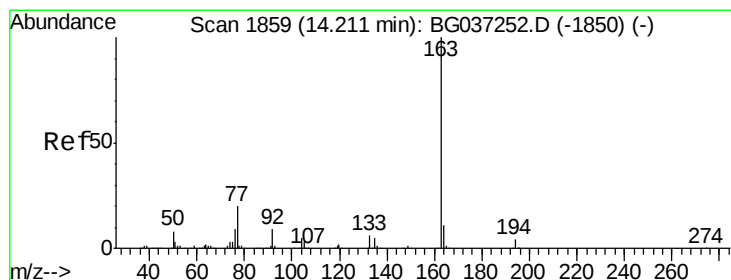
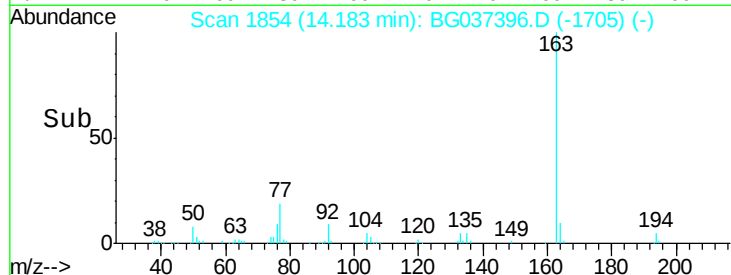
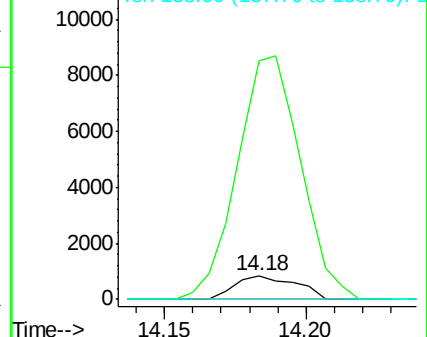
65 100

92 997.1 53.2 79.8#

138 0.0 79.3 118.9#



Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#50

Dimethylphthalate

Concen: 10.443 ng

RT: 14.19 min Scan# 1855

Delta R.T. -0.02 min

Lab File: BG037396.D

Acq: 17 Oct 2018 18:49

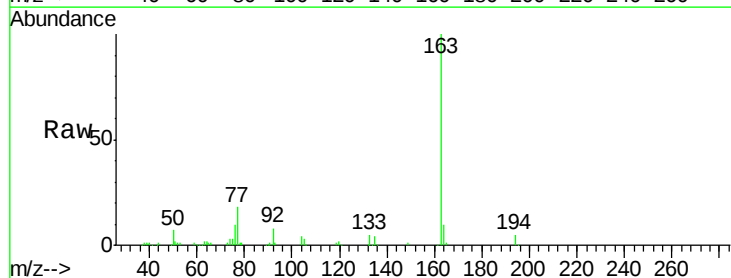
Tgt Ion: 163 Resp: 163957

Ion Ratio Lower Upper

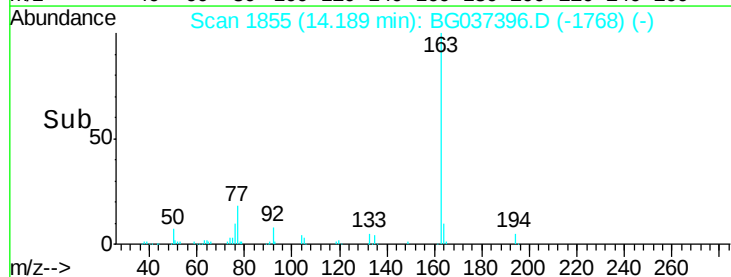
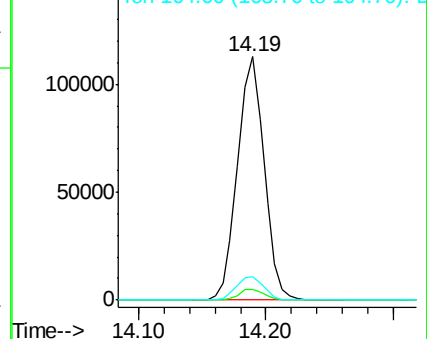
163 100

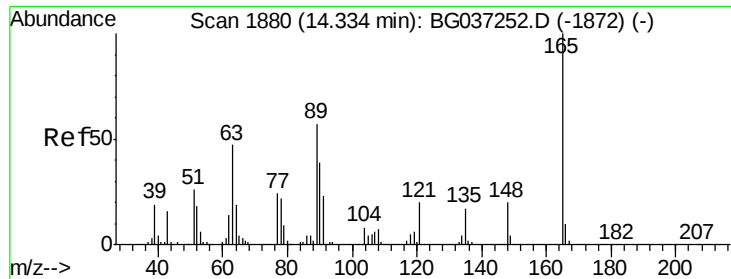
194 4.6 3.5 5.3

164 9.8 8.5 12.7



Abundance Ion 163.00 (162.70 to 163.70): BGC
Ion 194.00 (193.70 to 194.70): BGC
Ion 164.00 (163.70 to 164.70): BGC

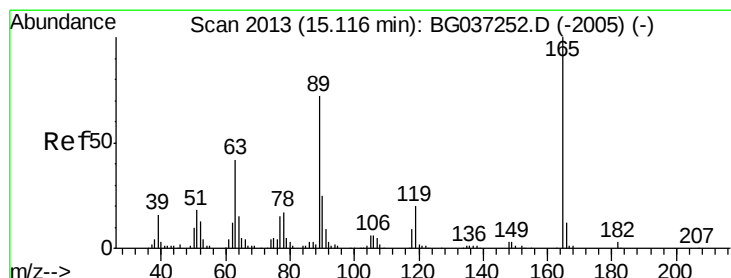
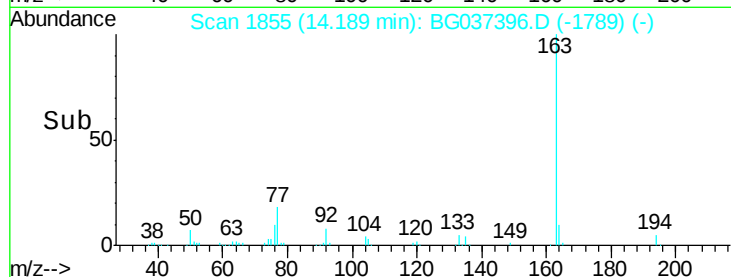
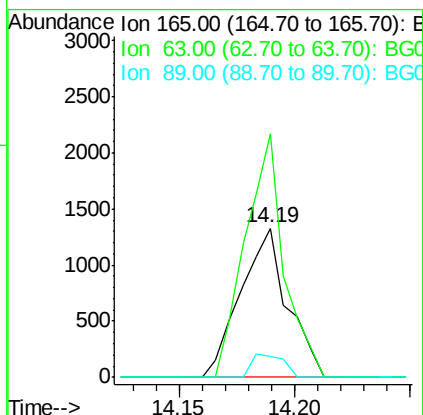
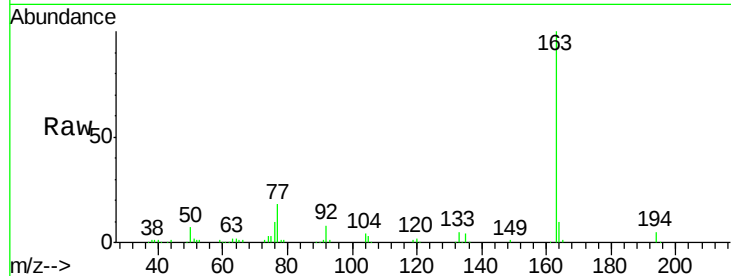




#51
 2,6-Dinitrotoluene
 Concen: 5.367 ng
 RT: 14.19 min Scan# 1855
 Delta R.T. -0.14 min
 Lab File: BG037396.D
 Acq: 17 Oct 2018 18:49

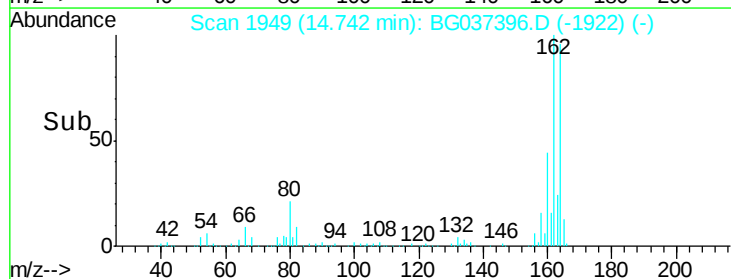
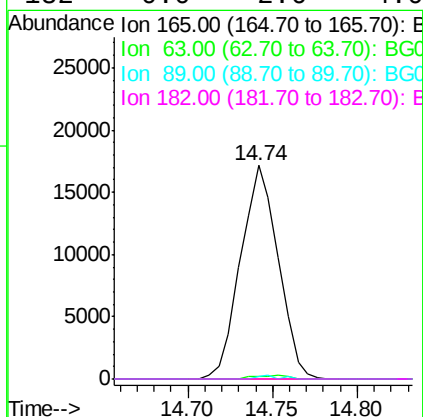
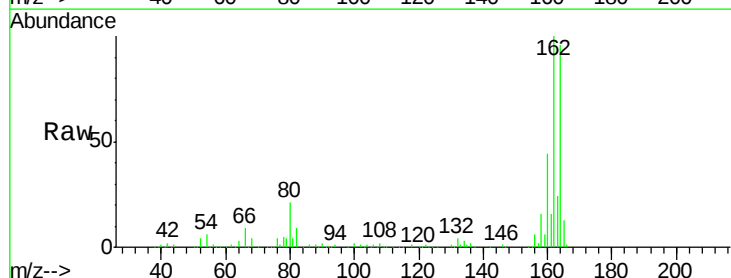
Instrument :
 BNA_G
 ClientSampleId :
 SB-9-5-7FT

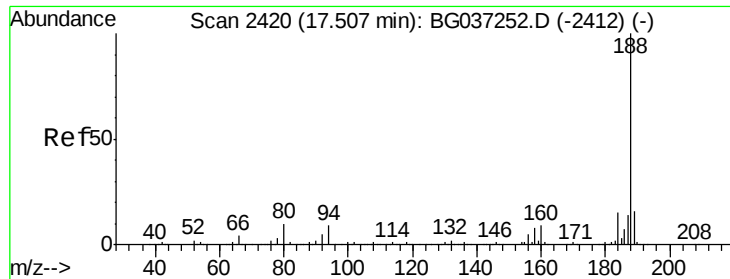
Tgt Ion:165 Resp: 1887
 Ion Ratio Lower Upper
 165 100
 63 163.0 43.4 65.2#
 89 14.0 45.8 68.6#



#57
 2,4-Dinitrotoluene
 Concen: 11.477 ng
 RT: 14.74 min Scan# 1949
 Delta R.T. -0.37 min
 Lab File: BG037396.D
 Acq: 17 Oct 2018 18:49

Tgt Ion:165 Resp: 26682
 Ion Ratio Lower Upper
 165 100
 63 1.3 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: 17.49 min Scan# 2417

Delta R.T. -0.02 min

Lab File: BG037396.D

Acq: 17 Oct 2018 18:49

Instrument :

BNA_G

ClientSampleId :

SB-9-5-7FT

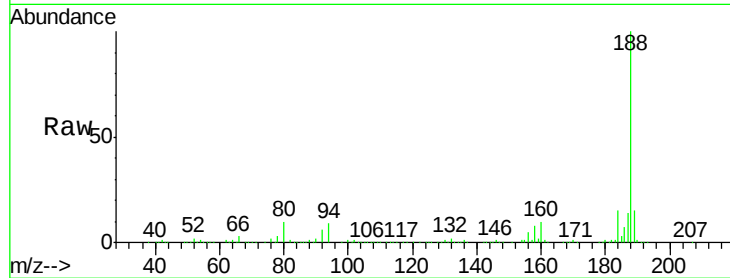
Tgt Ion:188 Resp: 499797

Ion Ratio Lower Upper

188 100

94 9.5 7.2 10.8

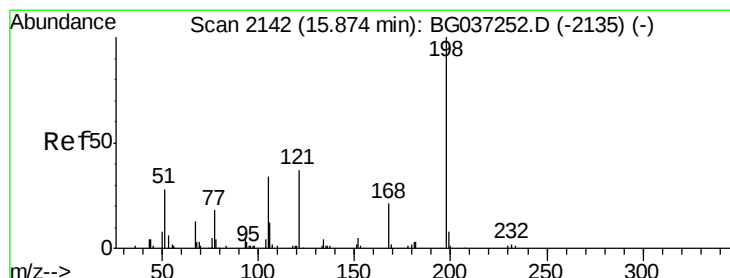
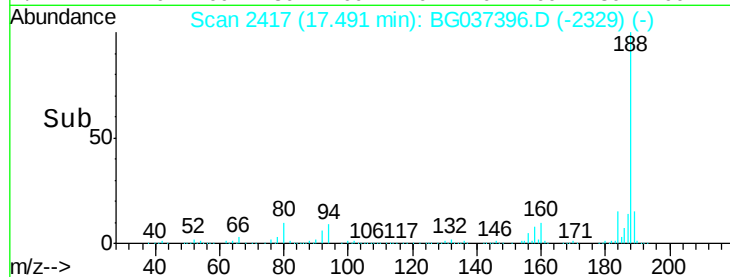
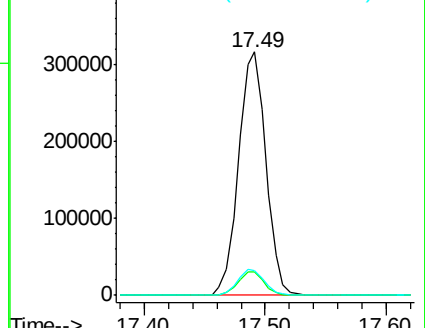
80 10.3 7.7 11.5



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: 6.475 ng

RT: 16.23 min Scan# 2202

Delta R.T. 0.36 min

Lab File: BG037396.D

Acq: 17 Oct 2018 18:49

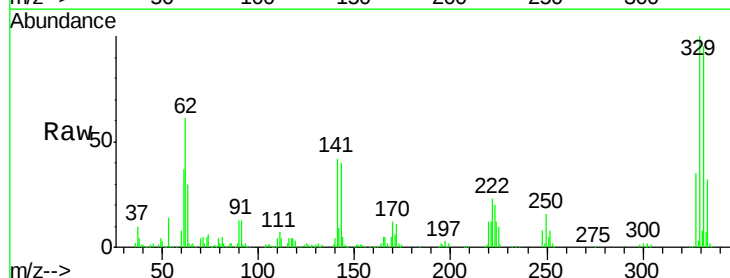
Tgt Ion:198 Resp: 945

Ion Ratio Lower Upper

198 100

51 24.5 22.7 62.7

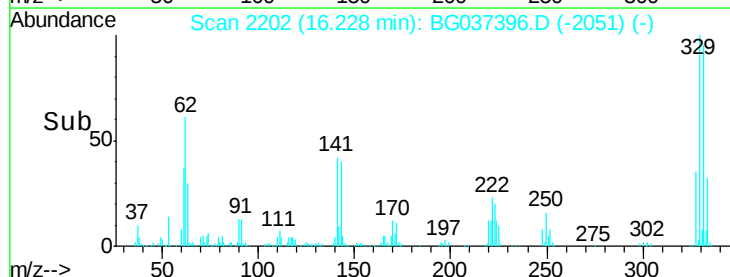
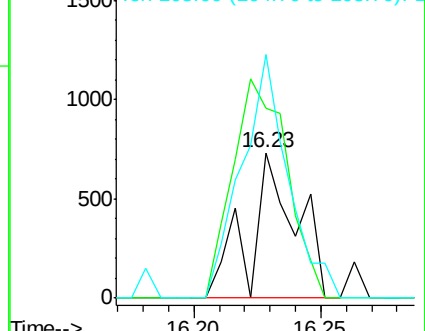
105 31.4 19.7 59.7

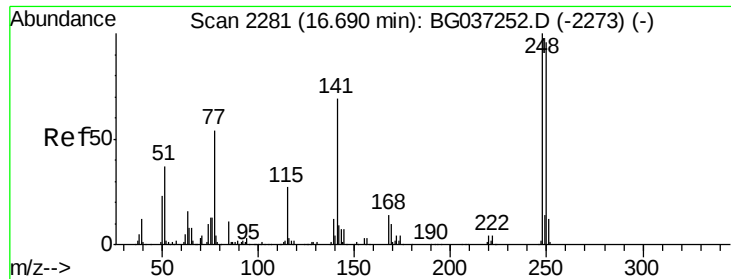


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

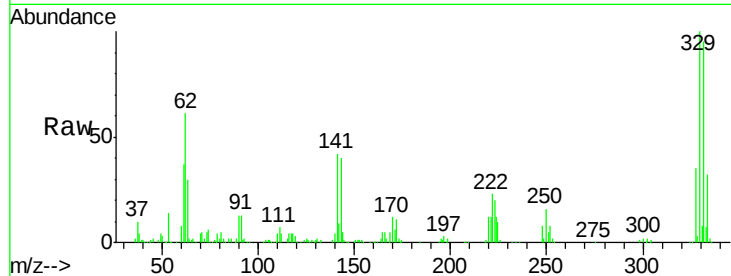




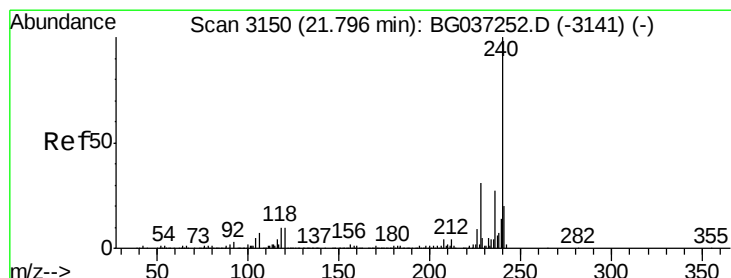
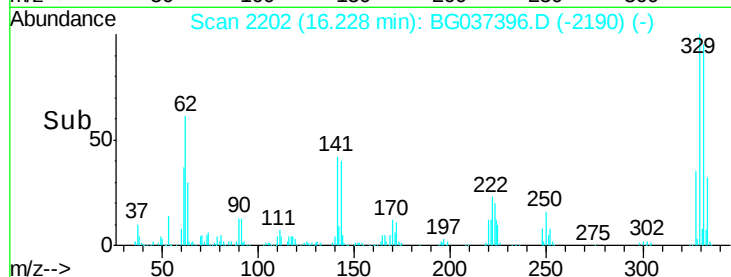
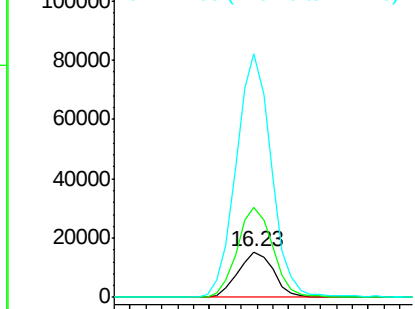
#67
 4-Bromophenyl-phenylether
 Concen: 4.382 ng
 RT: 16.23 min Scan# 2202
 Delta R.T. -0.46 min
 Lab File: BG037396.D
 Acq: 17 Oct 2018 18:49

Instrument :
 BNA_G
 ClientSampled :
 SB-9-5-7FT

Tgt Ion:248 Resp: 23636
 Ion Ratio Lower Upper
 248 100
 250 201.0 77.0 115.6#
 141 417.6 55.5 83.3#

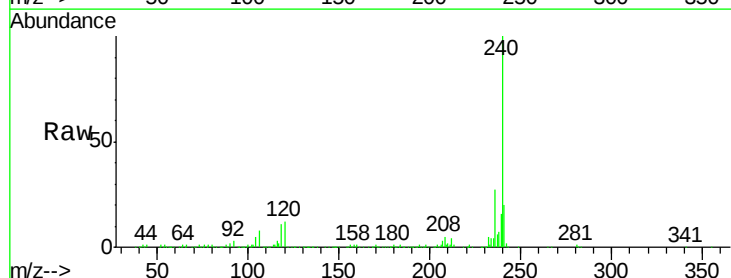


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

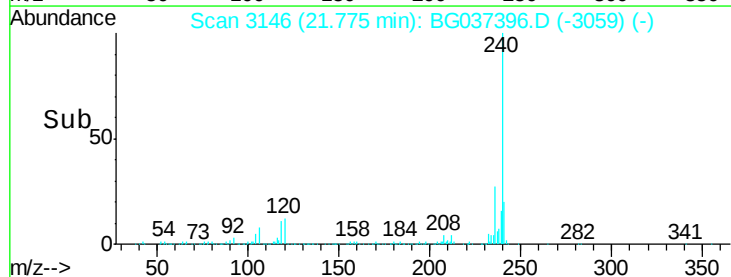
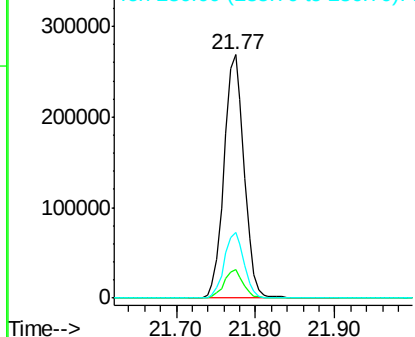


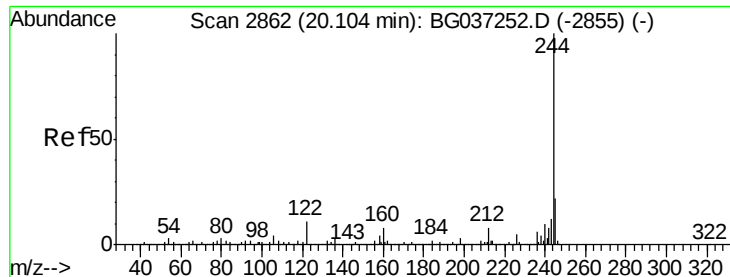
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.77 min Scan# 3146
 Delta R.T. -0.02 min
 Lab File: BG037396.D
 Acq: 17 Oct 2018 18:49

Tgt Ion:240 Resp: 469811
 Ion Ratio Lower Upper
 240 100
 120 11.5 8.1 12.1
 236 27.2 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: 78.043 ng

RT: 20.09 min Scan# 2859

Delta R.T. -0.02 min

Lab File: BG037396.D

Acq: 17 Oct 2018 18:49

Instrument :

BNA_G

ClientSampleId :

SB-9-5-7FT

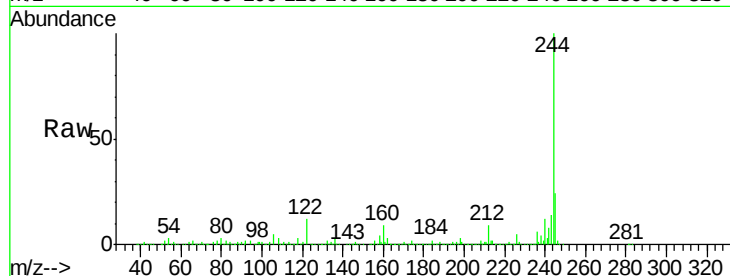
Tgt Ion:244 Resp: 1746174

Ion Ratio Lower Upper

244 100

212 8.9 6.5 9.7

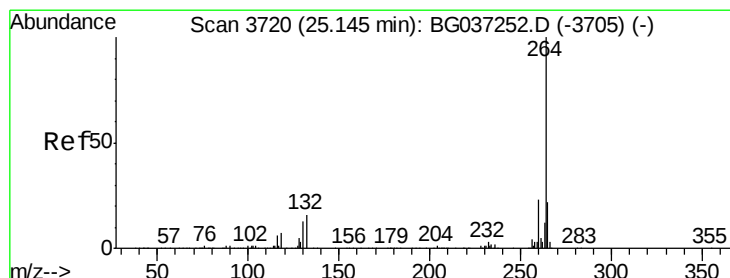
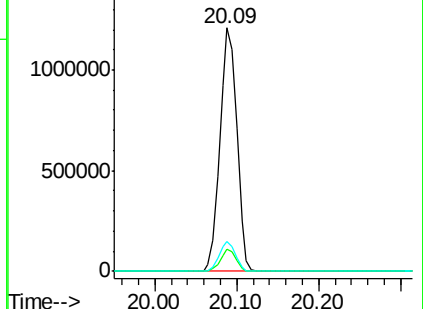
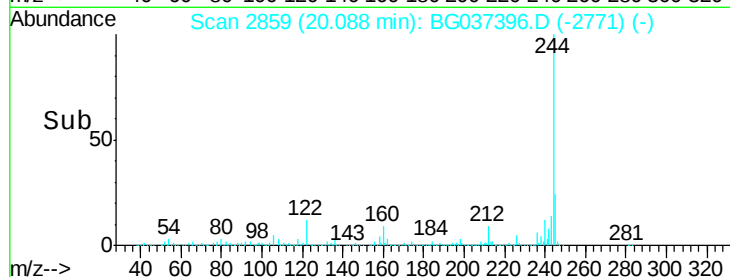
122 12.4 9.0 13.4



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# 3715

Delta R.T. -0.03 min

Lab File: BG037396.D

Acq: 17 Oct 2018 18:49

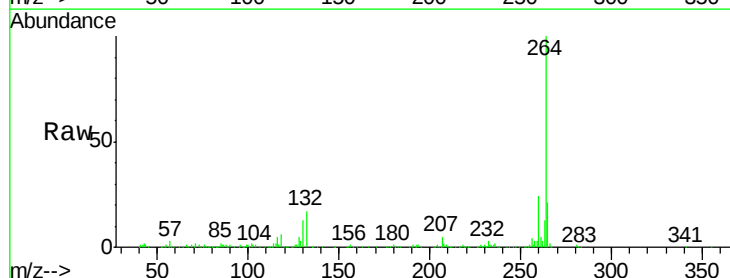
Tgt Ion:264 Resp: 468546

Ion Ratio Lower Upper

264 100

260 23.9 18.2 27.4

265 21.1 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

