

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072718\
 Data File : BG035939.D
 Acq On : 27 Jul 2018 16:05
 Operator : JU/SJ
 Sample : J4189-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 27 17:06:05 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 25 11:04:14 2018
 Response via : Initial Calibration

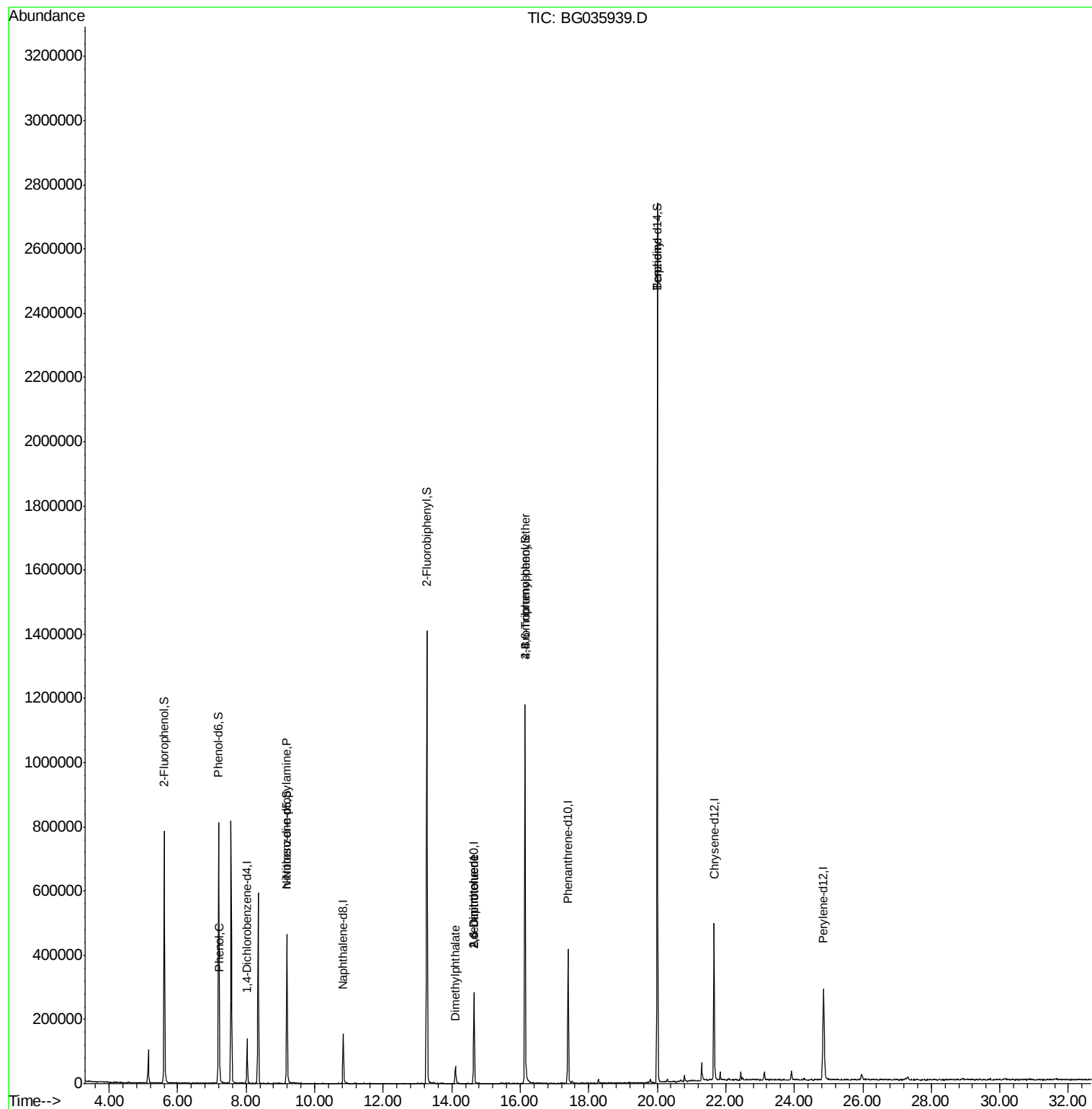
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	39459	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	141415	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	104977	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	292756	20.00	ng	0.00
75) Chrysene-d12	21.65	240	324501	20.00	ng	0.00
86) Perylene-d12	24.86	264	308199	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	350989	147.68	ng	0.00
7) Phenol-d6	7.20	99	507098	143.00	ng	0.00
23) Nitrobenzene-d5	9.19	82	329933	97.46	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	228289	164.99	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	779418	99.47	ng	0.00
78) Terphenyl-d14	20.00	244	1366770	92.84	ng	0.00
Target Compounds						
10) Phenol	7.22	94	14802	4.132	ng	84
19) n-Nitroso-di-n-propylamine	9.19	70	44006	14.737	ng	# 68
49) Dimethylphthalate	14.11	163	52184	5.674	ng	# 92
50) 2,6-Dinitrotoluene	14.65	165	13815	7.376	ng	# 18
56) 2,4-Dinitrotoluene	14.65	165	13815	5.141	ng	# 16
66) 4-Bromophenyl-phenylether	16.14	248	17613	5.186	ng	# 1
76) Benzidine	20.00	184	22679	2.658	ng	# 95

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

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QLast Update : Wed Jul 25 11:04:14 2018
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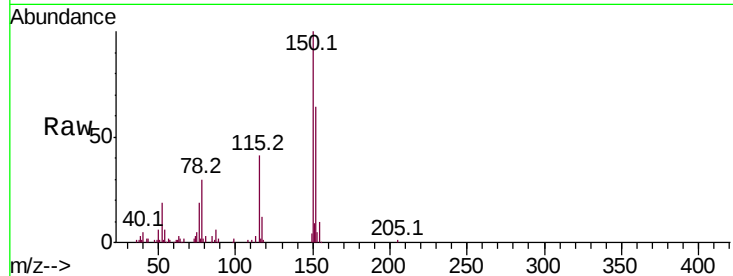


#1

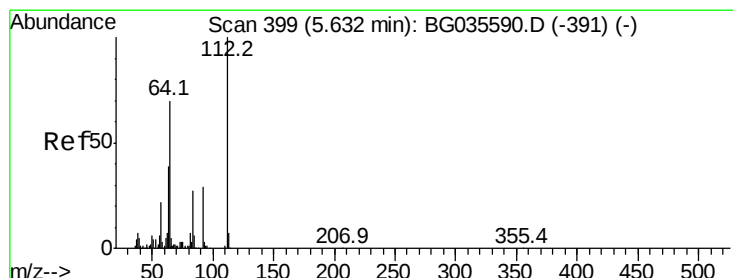
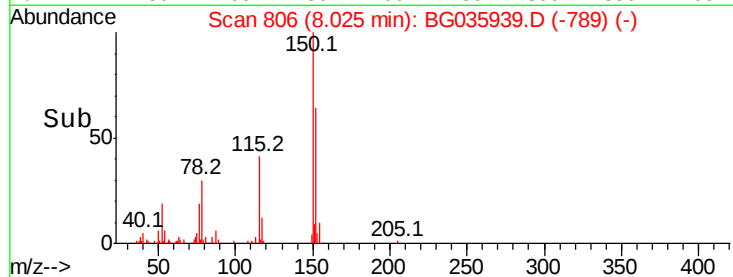
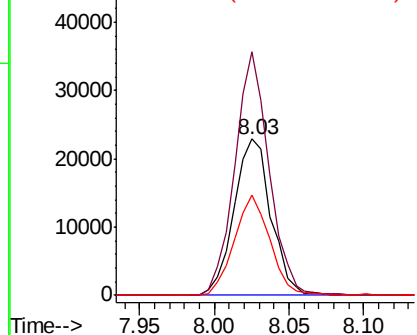
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 806
Delta R.T. 0.00 min
Lab File: BG035939.D
Acq: 27 Jul 2018 16:05

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 39459
Ion Ratio Lower Upper
152 100
150 155.7 126.6 189.8
115 63.9 53.0 79.4



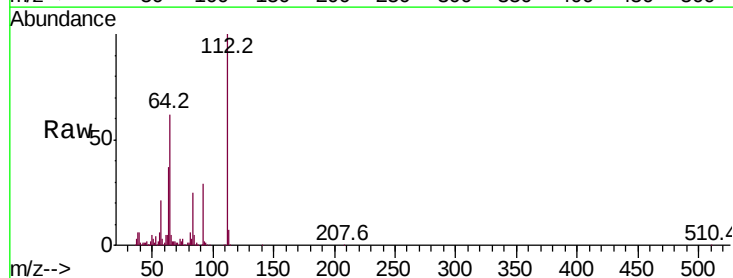
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



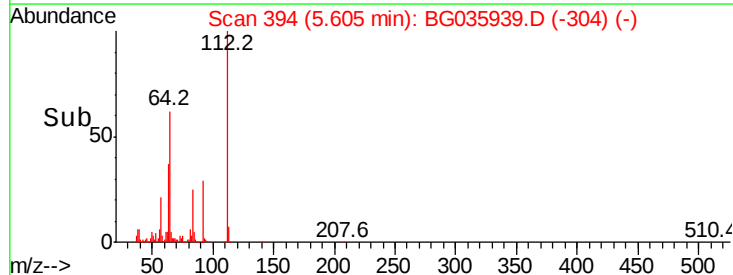
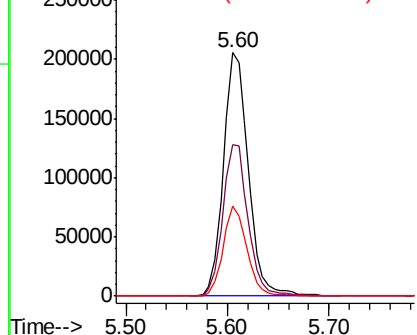
#5

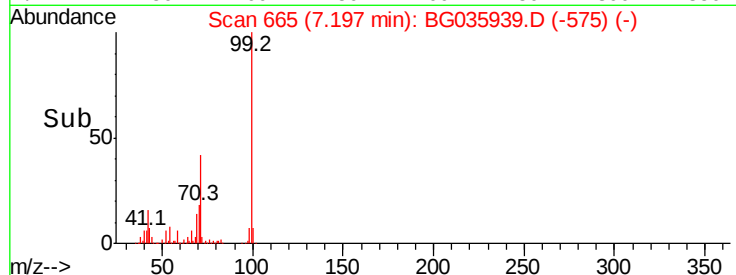
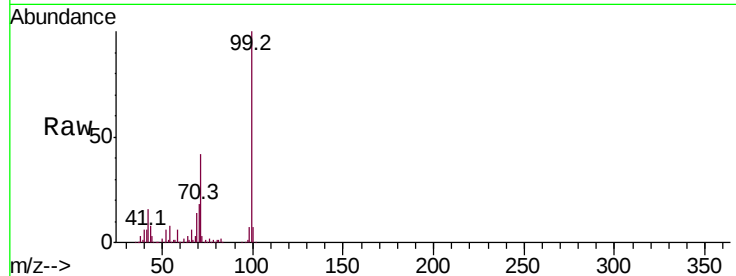
2-Fluorophenol
Concen: 147.678 ng
RT: 5.60 min Scan# 394
Delta R.T. 0.00 min
Lab File: BG035939.D
Acq: 27 Jul 2018 16:05

Tgt Ion:112 Resp: 350989
Ion Ratio Lower Upper
112 100
64 62.0 56.3 84.5
63 36.9 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 143.005 ng

RT: 7.20 min Scan# 665

Delta R.T. 0.00 min

Lab File: BG035939.D

Acq: 27 Jul 2018 16:05

Instrument :

BNA_G

ClientSampleId :

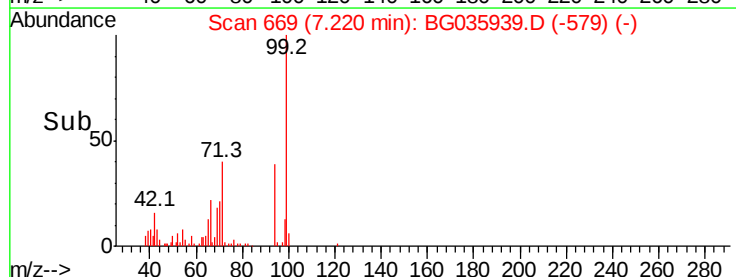
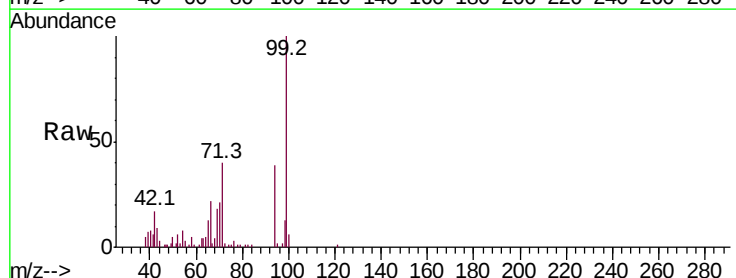
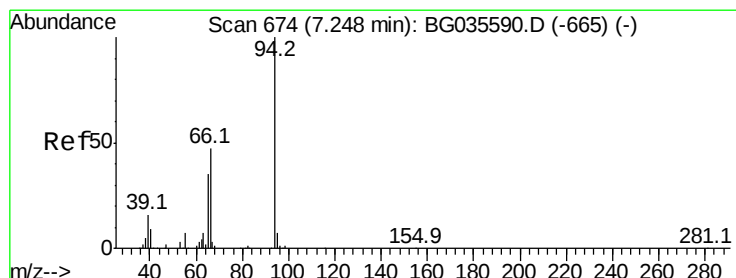
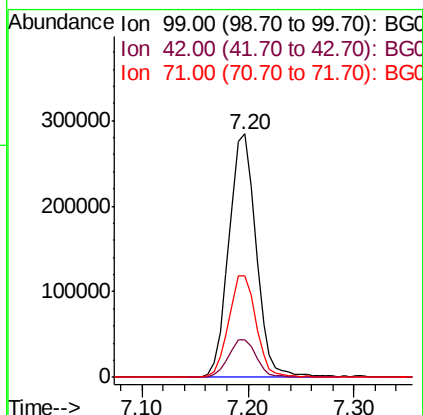
Tot Ion: 99 Resp: 507098

Ion Ratio Lower Upper

99 100

42 15.6 14.1 21.1

71 41.9 26.1 39.1#



#10

Phenol

Concen: 4.132 ng

RT: 7.22 min Scan# 669

Delta R.T. 0.00 min

Lab File: BG035939.D

Acq: 27 Jul 2018 16:05

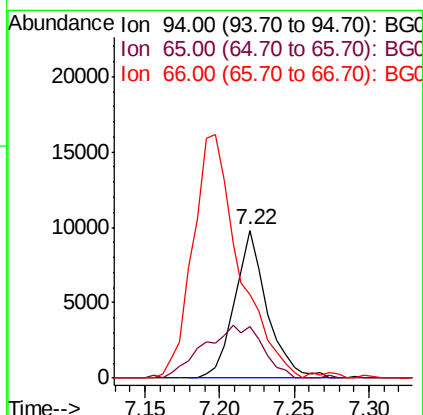
Tgt Ion: 94 Resp: 14802

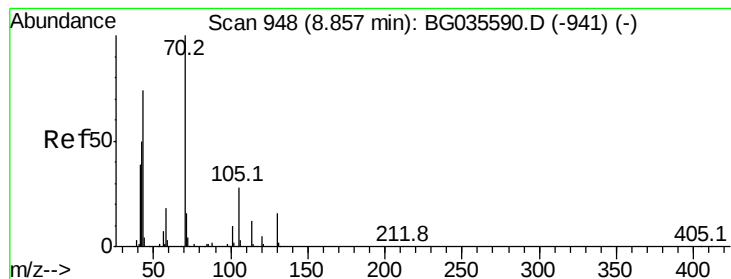
Ion Ratio Lower Upper

94 100

65 34.9 11.9 51.9

66 57.0 22.2 62.2





#19

n-Nitroso-di-n-propylamine

Concen: 14.737 ng

RT: 9.19 min Scan# 1004

Delta R.T. 0.36 min

Lab File: BG035939.D

Acq: 27 Jul 2018 16:05

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 44006

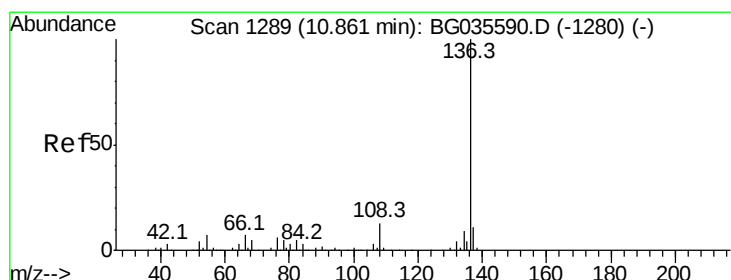
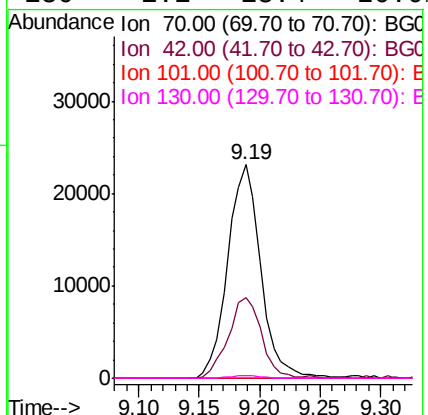
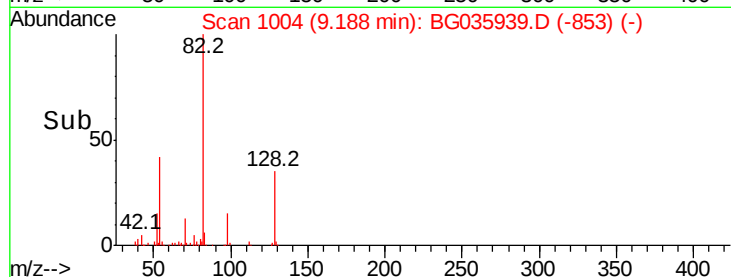
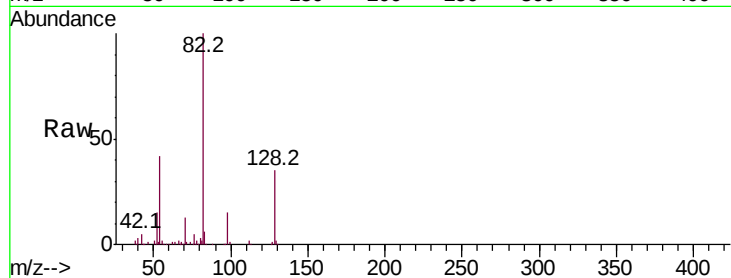
Ion Ratio Lower Upper

70 100

42 37.7 49.1 73.7#

101 0.0 8.5 12.7#

130 1.1 13.4 20.0#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.83 min Scan# 1283

Delta R.T. -0.00 min

Lab File: BG035939.D

Acq: 27 Jul 2018 16:05

Tgt Ion: 136 Resp: 141415

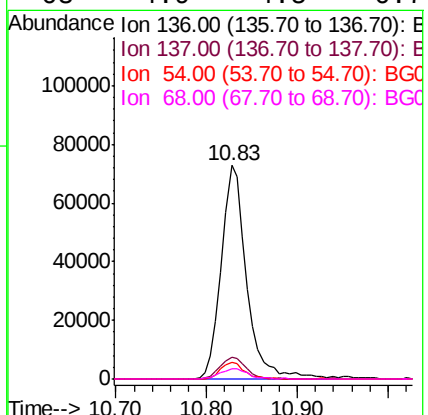
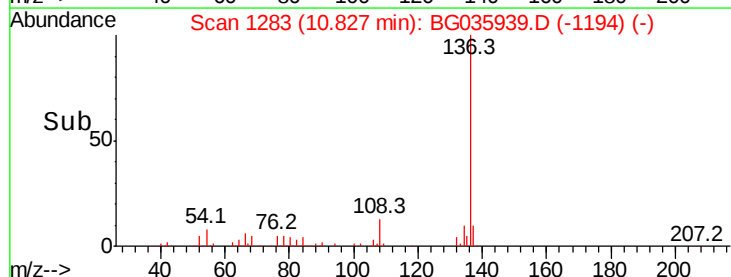
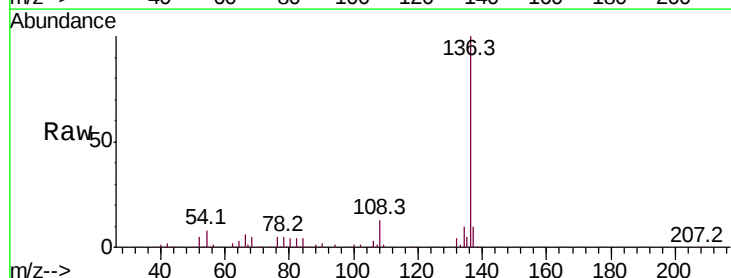
Ion Ratio Lower Upper

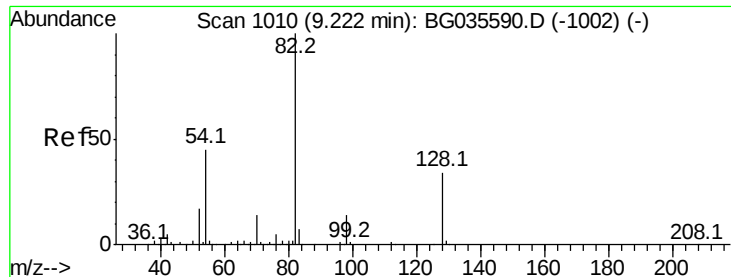
136 100

137 10.1 9.2 13.8

54 7.7 10.3 15.5#

68 4.9 4.5 6.7

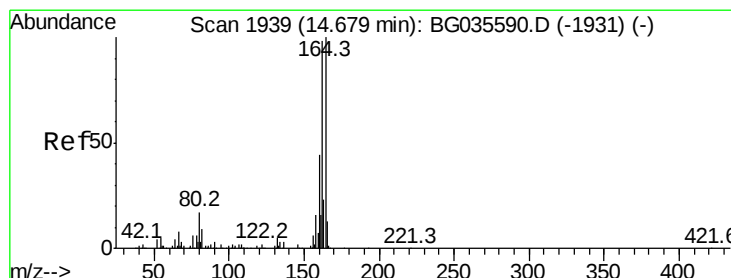
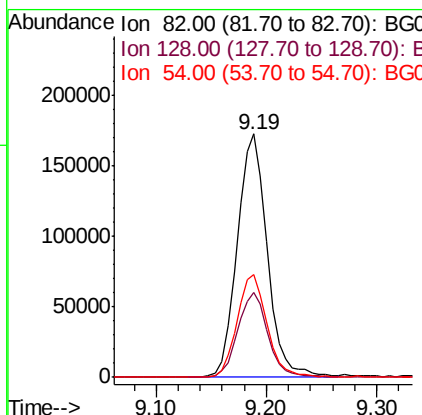
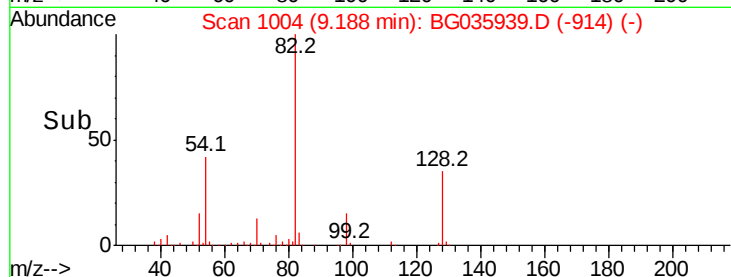
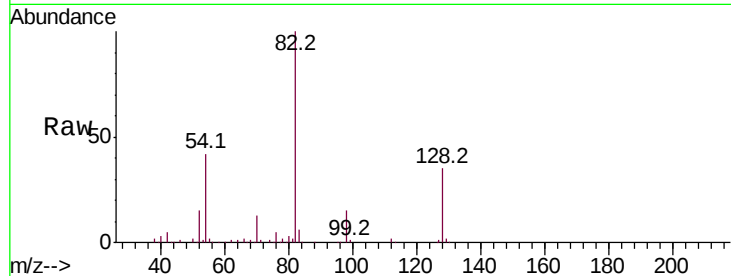




#23
 Nitrobenzene-d5
 Concen: 97.464 ng
 RT: 9.19 min Scan# 1004
 Delta R.T. 0.00 min
 Lab File: BG035939.D
 Acq: 27 Jul 2018 16:05

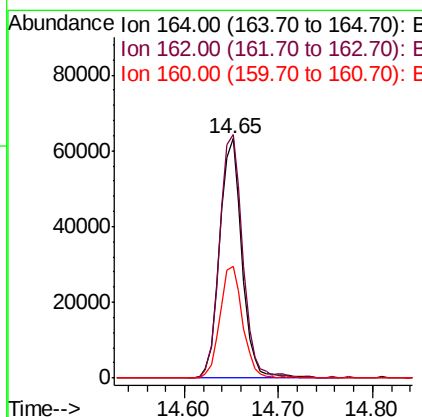
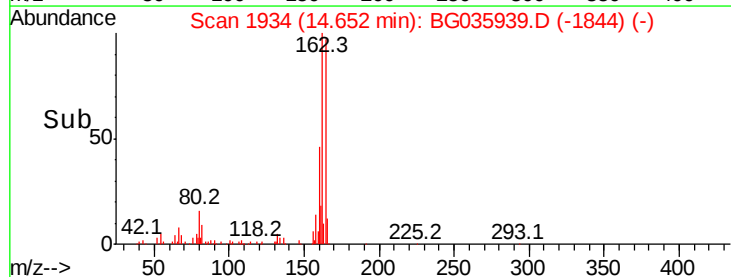
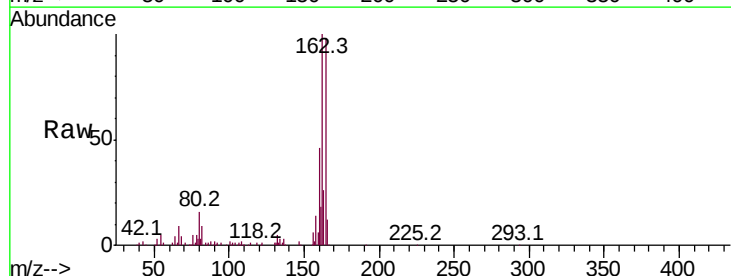
Instrument :
 BNA_G
 ClientSampleId :

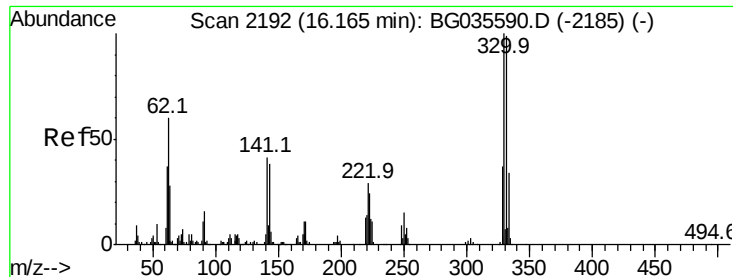
Tot Ion: 82 Resp: 329933
 Ion Ratio Lower Upper
 82 100
 128 35.0 29.7 44.5
 54 42.0 43.1 64.7#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.65 min Scan# 1934
 Delta R.T. 0.00 min
 Lab File: BG035939.D
 Acq: 27 Jul 2018 16:05

Tgt Ion:164 Resp: 104977
 Ion Ratio Lower Upper
 164 100
 162 101.7 78.8 118.2
 160 46.9 35.4 53.0

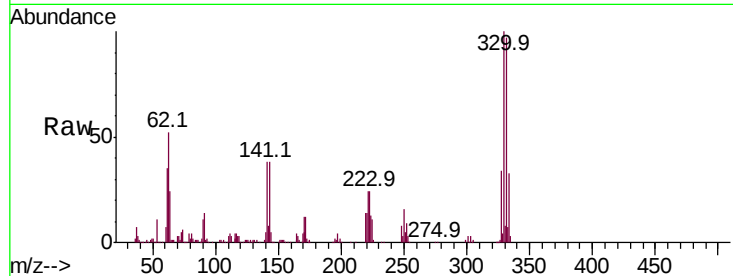




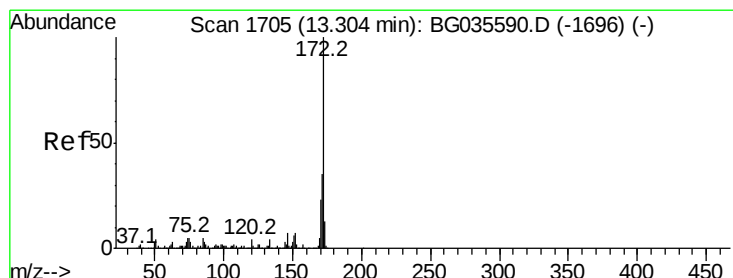
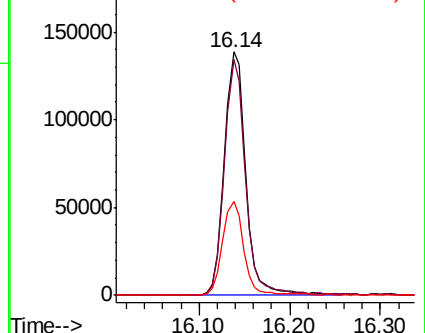
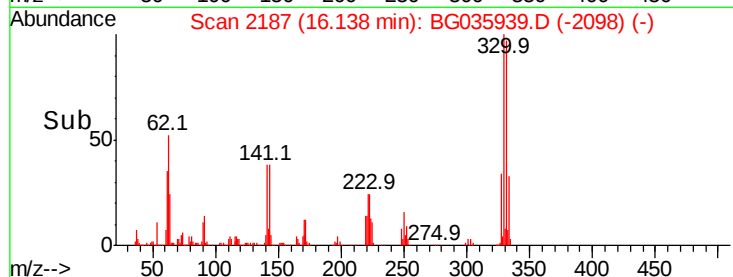
#41
 2,4,6-Tribromophenol
 Concen: 164.989 ng
 RT: 16.14 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: BG035939.D
 Acq: 27 Jul 2018 16:05

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.6	77.0	115.6
141	37.7	25.2	37.8

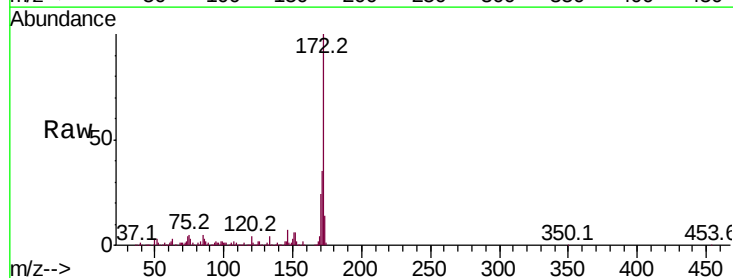


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

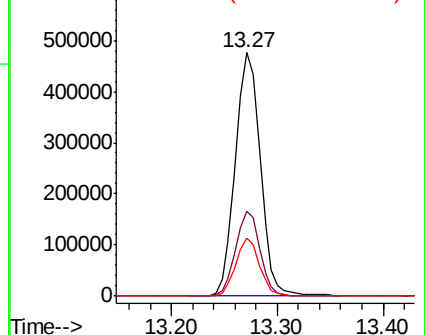
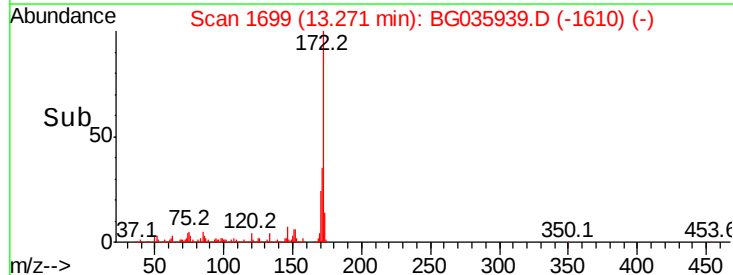


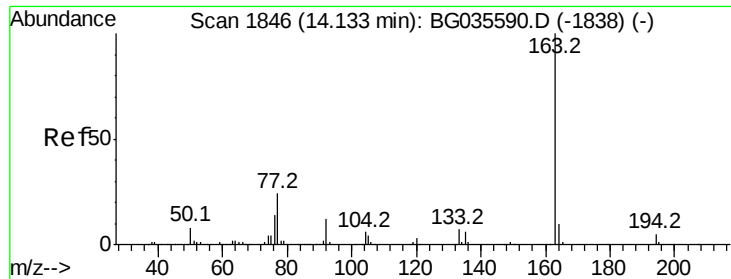
#44
 2-Fluorobiphenyl
 Concen: 99.471 ng
 RT: 13.27 min Scan# 1699
 Delta R.T. -0.00 min
 Lab File: BG035939.D
 Acq: 27 Jul 2018 16:05

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.7	30.0	45.0
170	24.0	19.5	29.3



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





#49

Dimethylphthalate

Concen: 5.674 ng

RT: 14.11 min Scan# 1841

Delta R.T. 0.00 min

Lab File: BG035939.D

Acq: 27 Jul 2018 16:05

Instrument :

BNA_G

ClientSampleId :

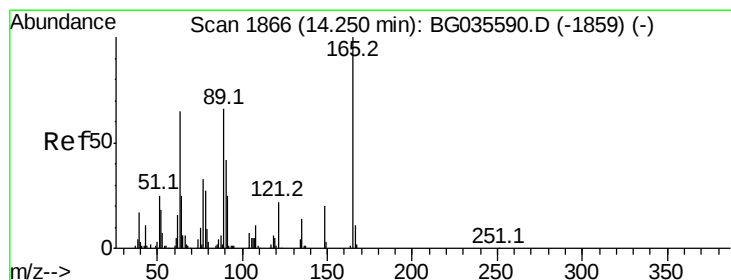
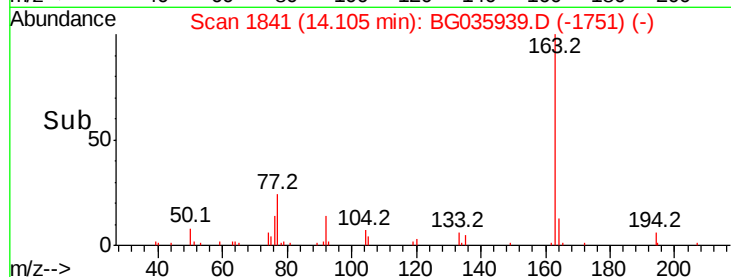
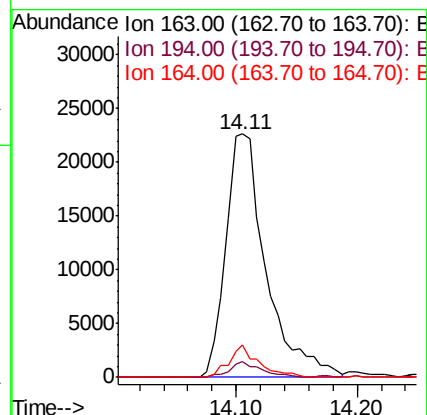
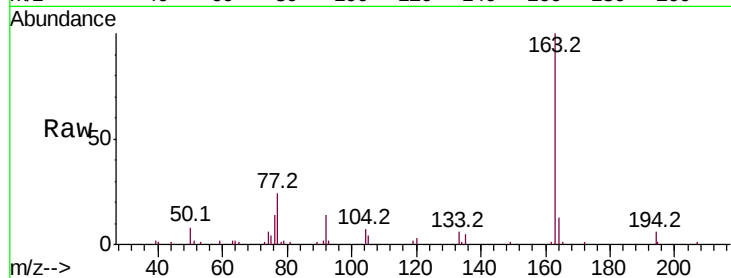
Tot Ion:163 Resp: 52184

Ion Ratio Lower Upper

163 100

194 6.4 3.4 5.2#

164 13.4 8.2 12.4#



#50

2,6-Dinitrotoluene

Concen: 7.376 ng

RT: 14.65 min Scan# 1933

Delta R.T. 0.42 min

Lab File: BG035939.D

Acq: 27 Jul 2018 16:05

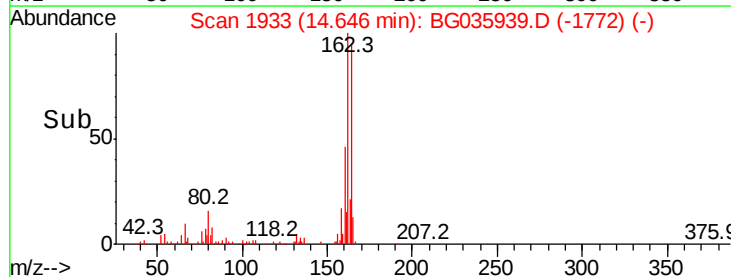
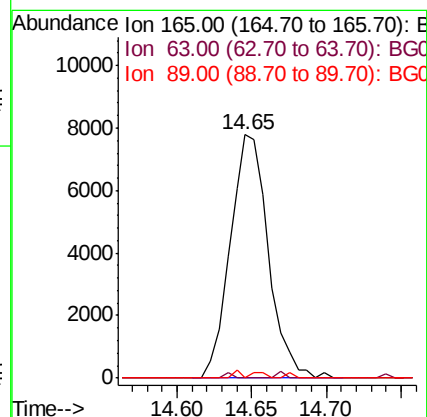
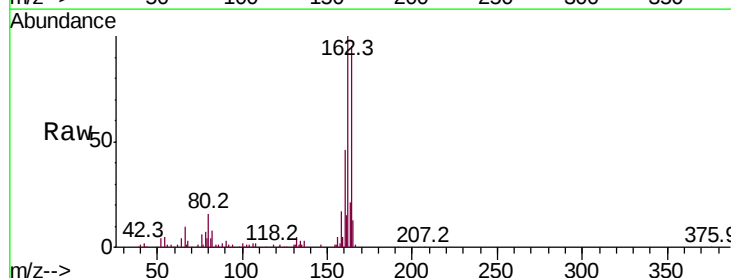
Tgt Ion:165 Resp: 13815

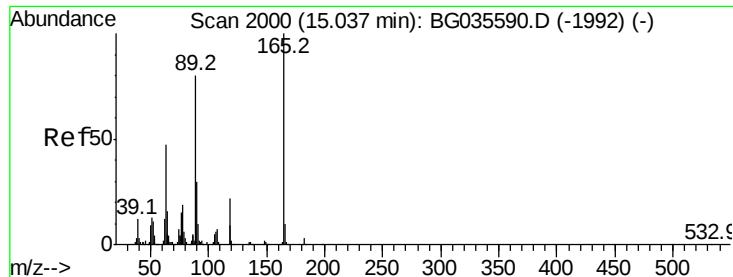
Ion Ratio Lower Upper

165 100

63 0.0 52.7 79.1#

89 0.0 49.2 73.8#

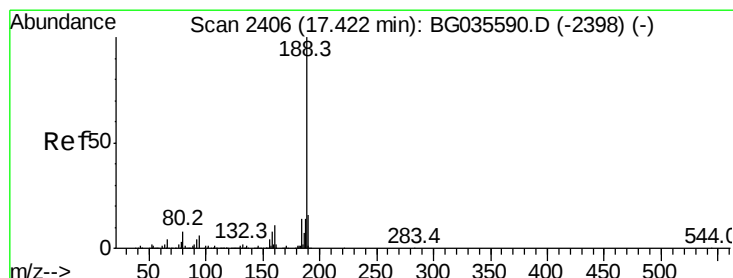
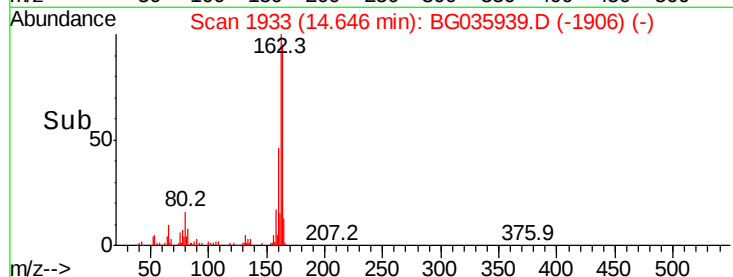
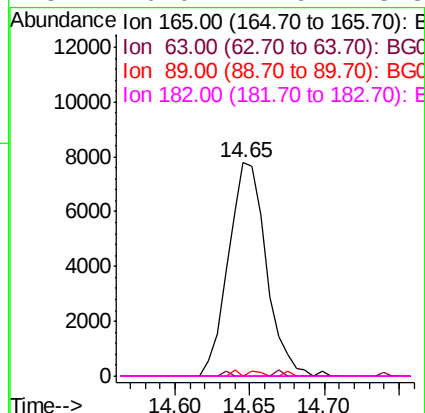
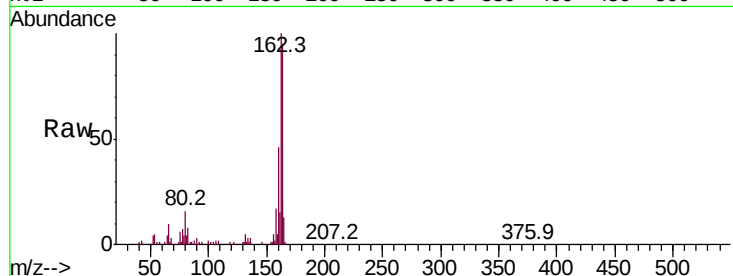




#56
2,4-Dinitrotoluene
Concen: 5.141 ng
RT: 14.65 min Scan# 1933
Delta R.T. -0.37 min
Lab File: BG035939.D
Acq: 27 Jul 2018 16:05

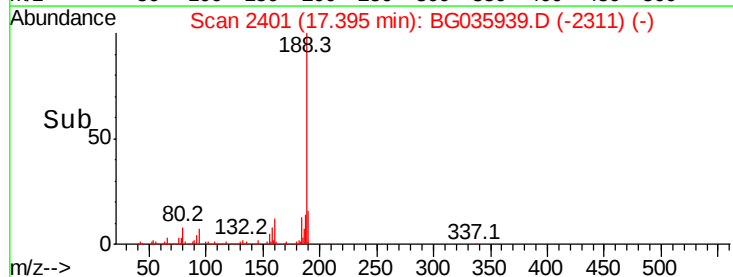
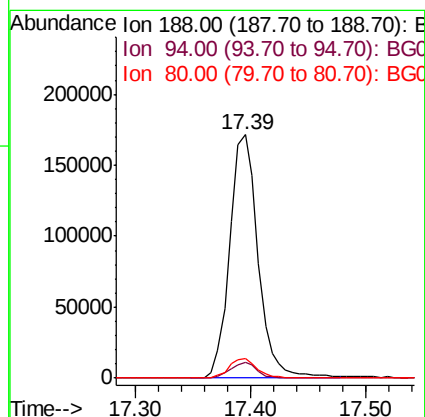
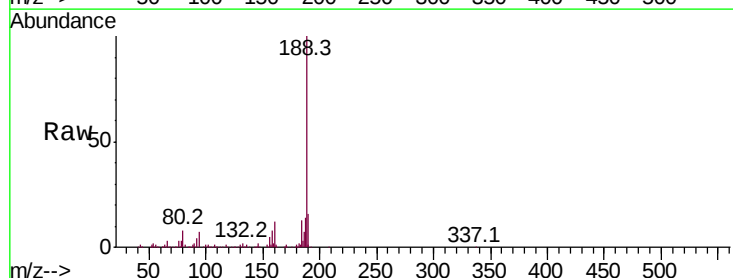
Instrument :
BNA_G
ClientSampleId :

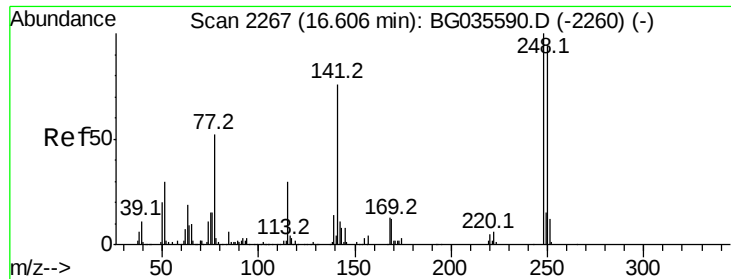
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	42.0	63.0#
89	0.0	66.9	100.3#
182	0.0	2.6	3.8#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2401
Delta R.T. 0.00 min
Lab File: BG035939.D
Acq: 27 Jul 2018 16:05

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.5	6.9	10.3#
80	8.1	7.7	11.5

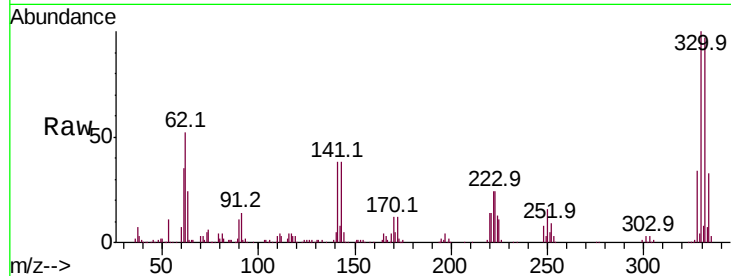




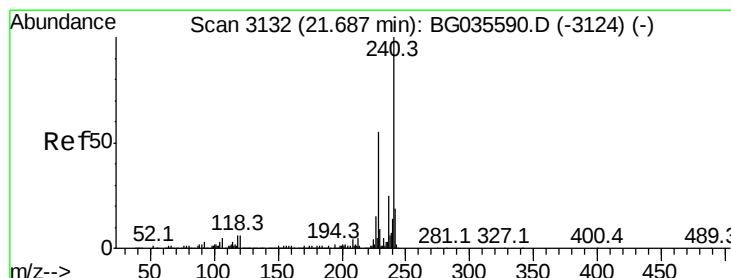
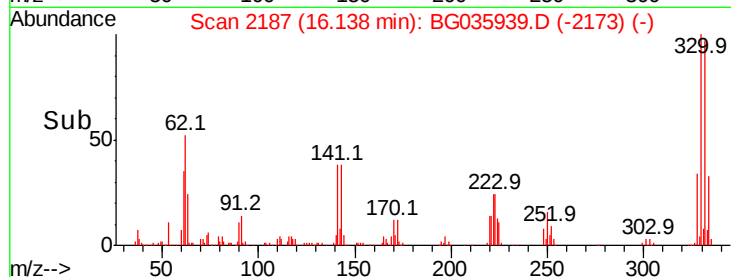
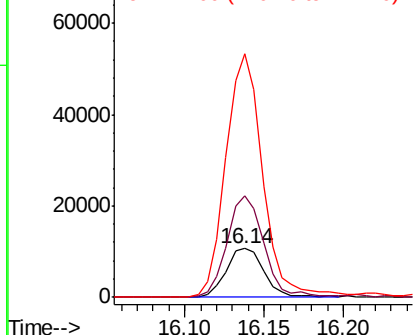
#66
 4-Bromophenyl-phenylether
 Concen: 5.186 ng
 RT: 16.14 min Scan# 2187
 Delta R.T. -0.45 min
 Lab File: BG035939.D
 Acq: 27 Jul 2018 16:05

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 17613
 Ion Ratio Lower Upper
 248 100
 250 206.3 77.1 115.7#
 141 497.2 50.8 76.2#

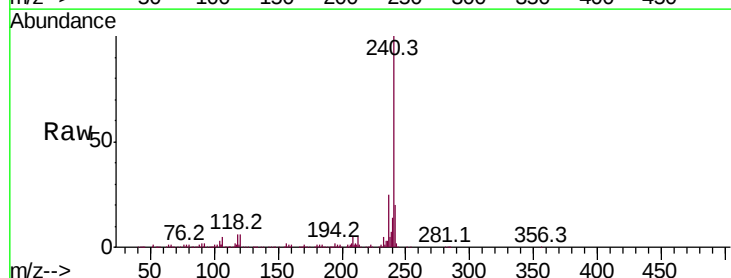


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

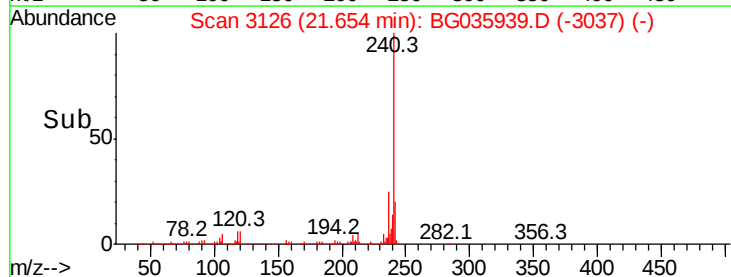
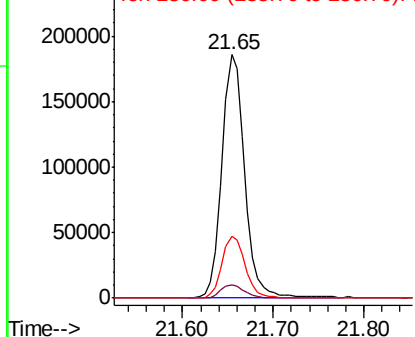


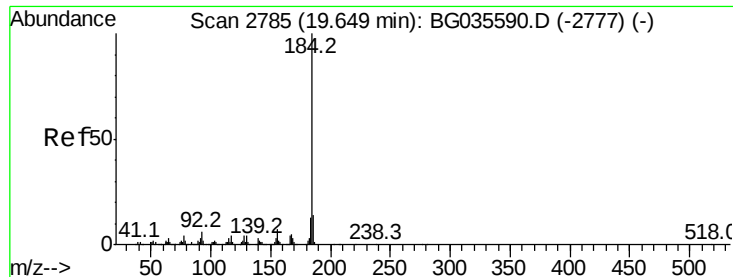
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.65 min Scan# 3126
 Delta R.T. -0.00 min
 Lab File: BG035939.D
 Acq: 27 Jul 2018 16:05

Tgt Ion:240 Resp: 324501
 Ion Ratio Lower Upper
 240 100
 120 5.6 6.8 10.2#
 236 25.2 20.9 31.3



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





#76

Benzidine

Concen: 2.658 ng

RT: 20.00 min Scan# 2845

Delta R.T. 0.38 min

Lab File: BG035939.D

Acq: 27 Jul 2018 16:05

Instrument :

BNA_G

ClientSampled :

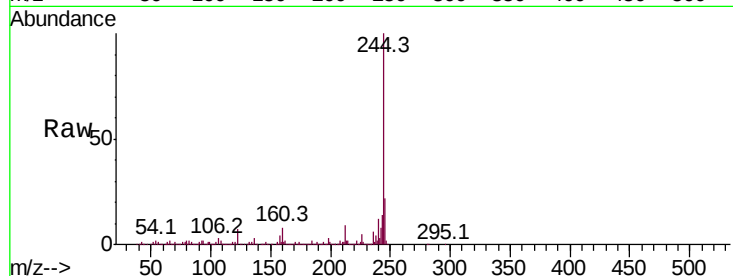
Tot Ion:184 Resp: 22679

Ion Ratio Lower Upper

184 100

185 13.0 11.1 16.7

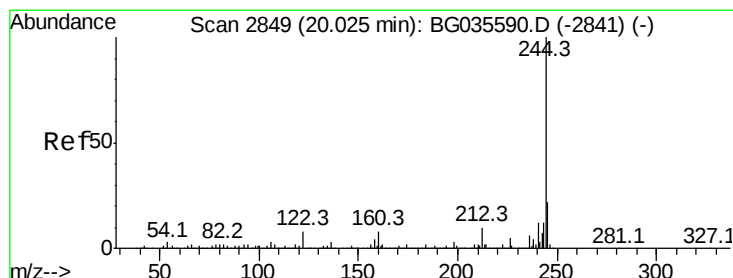
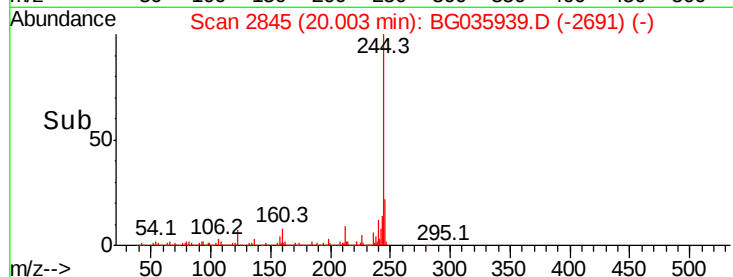
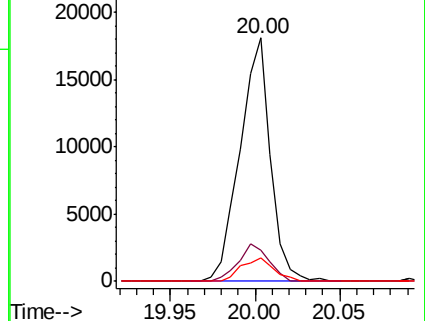
183 9.9 10.6 16.0#



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



#78

Terphenyl-d14

Concen: 92.843 ng

RT: 20.00 min Scan# 2845

Delta R.T. 0.00 min

Lab File: BG035939.D

Acq: 27 Jul 2018 16:05

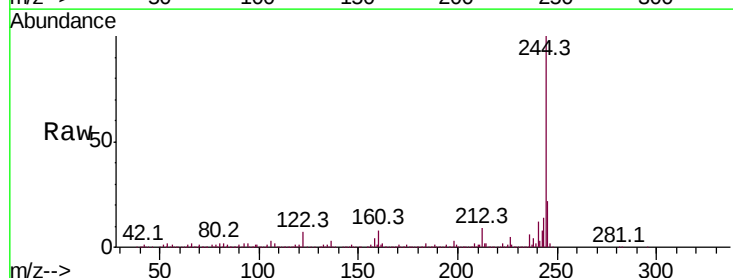
Tgt Ion:244 Resp: 1366770

Ion Ratio Lower Upper

244 100

212 8.9 5.8 8.8#

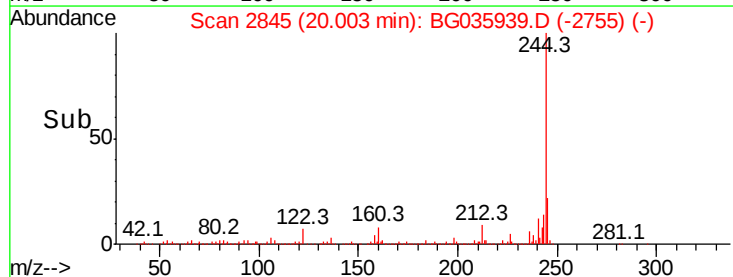
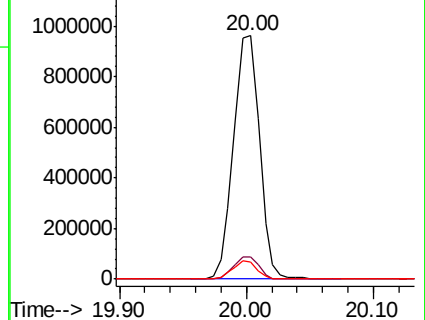
122 6.8 7.0 10.4#

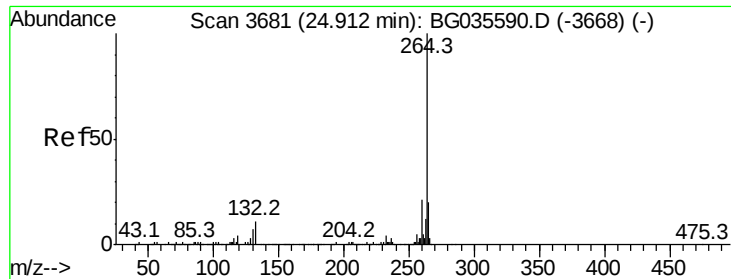


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

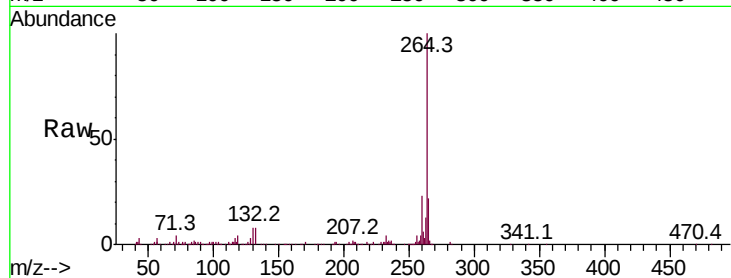




#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.86 min Scan# 3671
Delta R.T. -0.00 min
Lab File: BG035939.D
Acq: 27 Jul 2018 16:05

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	17.4	26.0
265	22.4	17.7	26.5



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

