

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG022619\
 Data File : BG039605.D
 Acq On : 26 Feb 2019 18:01
 Operator : JU/SJ
 Sample : K1597-01RE
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-25

Quant Time: Feb 26 23:59:38 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 29 15:41:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	67406	20.00	ng	-0.01
21) Naphthalene-d8	10.99	136	285969	20.00	ng	-0.02
39) Acenaphthene-d10	14.79	164	194206	20.00	ng	-0.02
64) Phenanthrene-d10	17.53	188	454775	20.00	ng	-0.02
76) Chrysene-d12	21.82	240	436730	20.00	ng	-0.03
87) Perylene-d12	25.20	264	437152	20.00	ng	-0.04

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.71	112	557188	141.48	ng	0.00
7) Phenol-d6	7.32	99	801469	138.25	ng	0.00
23) Nitrobenzene-d5	9.34	82	472889	103.31	ng	-0.02
42) 2,4,6-Tribromophenol	16.28	330	317088	151.62	ng	-0.01
45) 2-Fluorobiphenyl	13.42	172	1045651	77.24	ng	-0.02
79) Terphenyl-d14	20.13	244	1468833	71.19	ng	-0.02

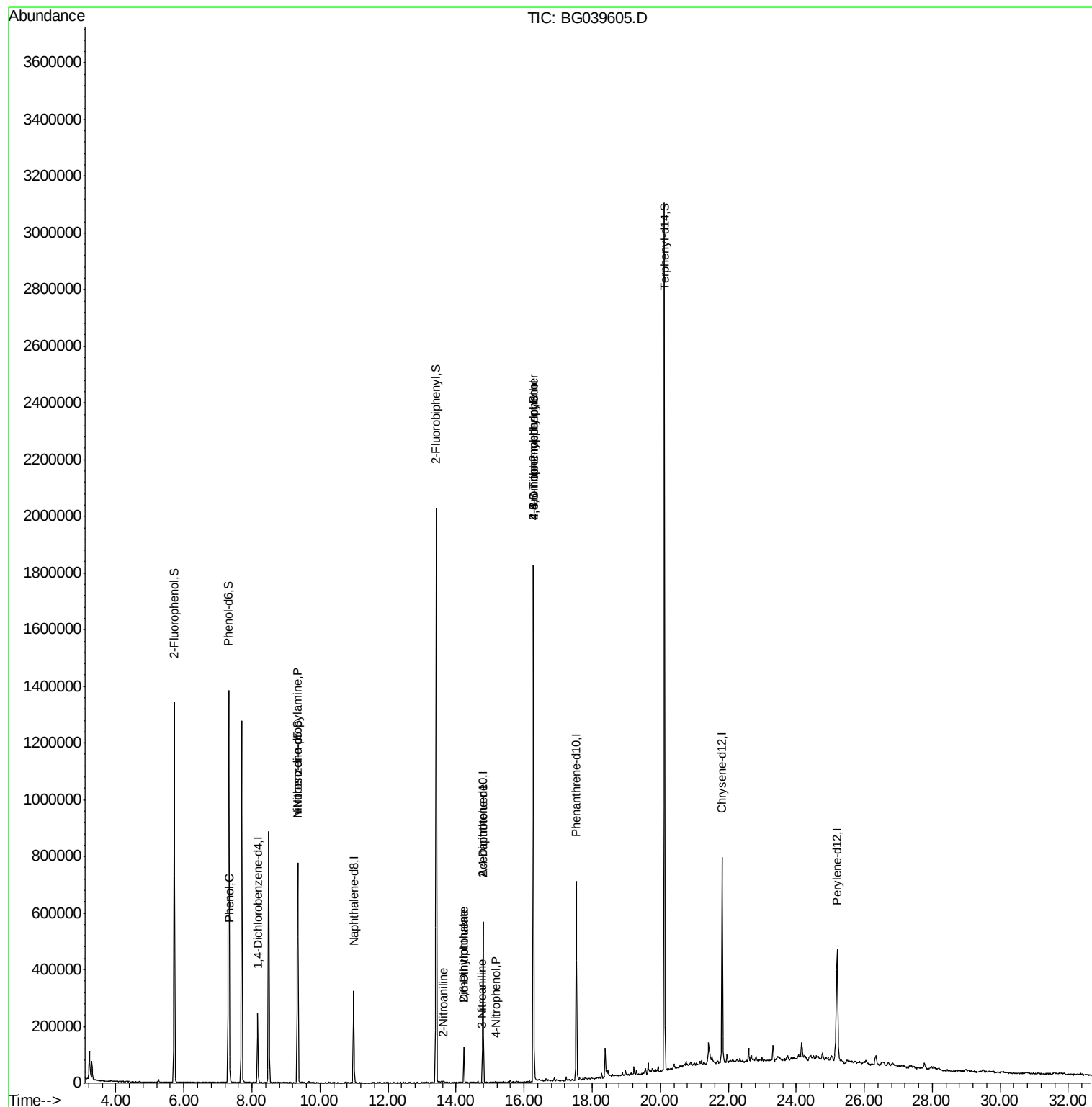
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	7.31	77	1752	Below Cal		# 4
10) Phenol	7.34	94	29415	4.867	ng	# 94
19) n-Nitroso-di-n-propylamine	9.34	70	61441	14.932	ng	# 67
48) 2-Nitroaniline	13.64	65	60	8.311	ng	# 10
50) Dimethylphthalate	14.23	163	84001	5.356	ng	# 98
51) 2,6-Dinitrotoluene	14.23	165	842	6.807	ng	# 1
53) 3-Nitroaniline	14.76	138	62	5.810	ng	# 1
56) 4-Nitrophenol	15.18	139	58	5.813	ng	# 52
57) 2,4-Dinitrotoluene	14.79	165	24171	13.213	ng	# 19
65) 4,6-Dinitro-2-methylphenol	16.28	198	953	4.847	ng	# 1
67) 4-Bromophenyl-phenylether	16.28	248	24970	4.949	ng	# 1

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

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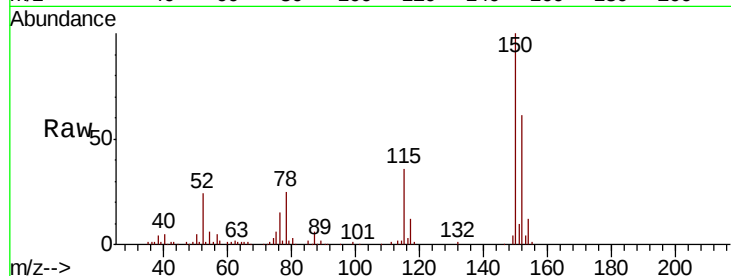


#1

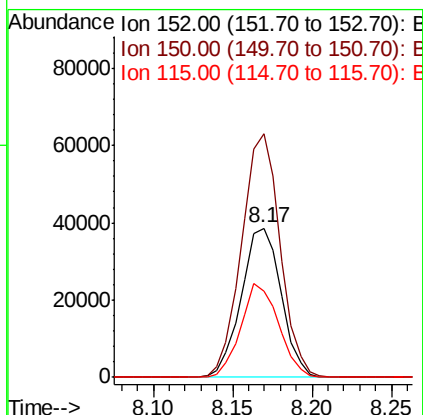
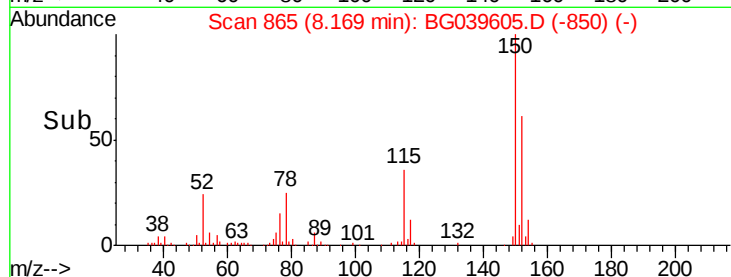
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.17 min Scan# 865
 Delta R.T. -0.01 min
 Lab File: BG039605.D
 Acq: 26 Feb 2019 18:01

Instrument :
 BNA_G
 ClientSampled :
 TP-25

Tgt Ion:152 Resp: 67406
 Ion Ratio Lower Upper
 152 100
 150 162.8 123.7 185.5
 115 57.9 45.9 68.9



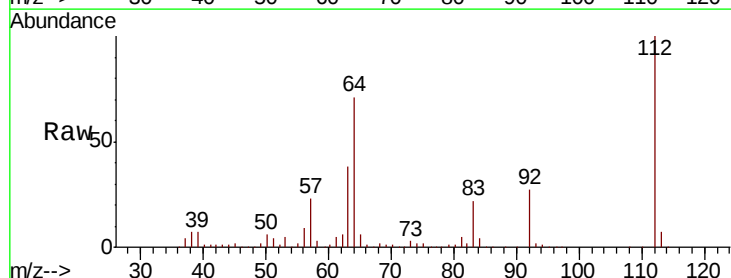
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



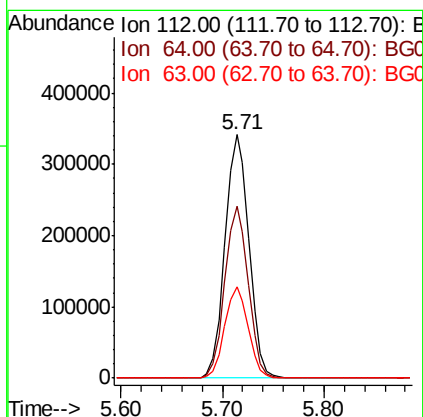
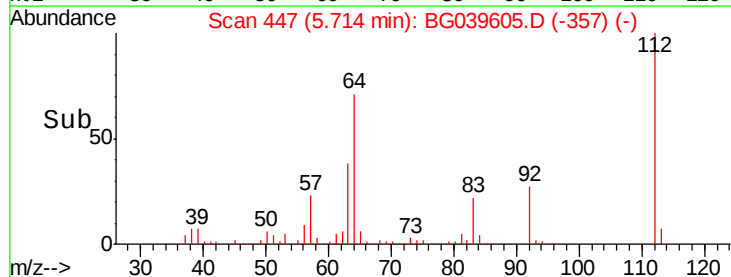
#5

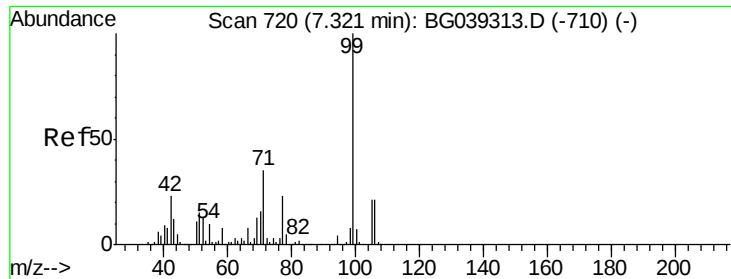
2-Fluorophenol
 Concen: 141.476 ng
 RT: 5.71 min Scan# 447
 Delta R.T. -0.00 min
 Lab File: BG039605.D
 Acq: 26 Feb 2019 18:01

Tgt Ion:112 Resp: 557188
 Ion Ratio Lower Upper
 112 100
 64 70.5 57.8 86.8
 63 37.6 29.8 44.6



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: 138.251 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.00 min

Lab File: BG039605.D

Acq: 26 Feb 2019 18:01

Instrument :

BNA_G

ClientSampleId :

TP-25

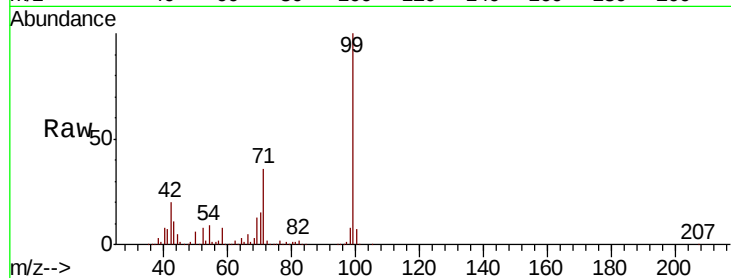
Tgt Ion: 99 Resp: 801469

Ion Ratio Lower Upper

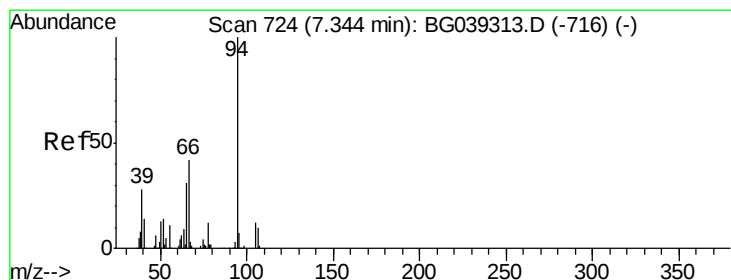
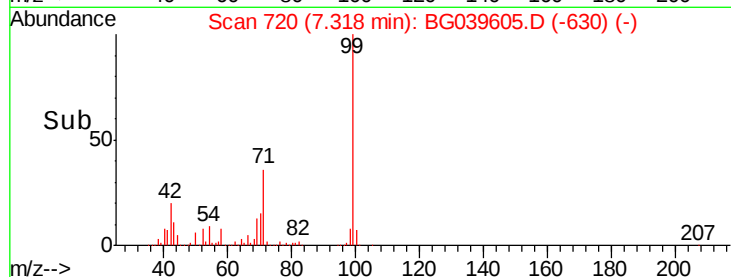
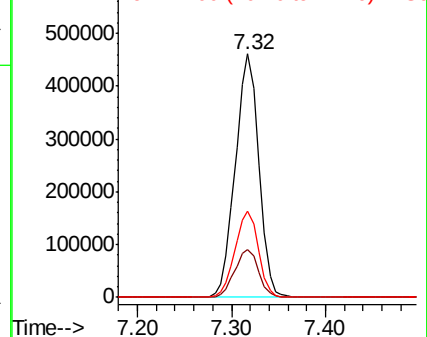
99 100

42 19.7 18.2 27.2

71 35.5 28.0 42.0



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: 4.867 ng

RT: 7.34 min Scan# 724

Delta R.T. -0.00 min

Lab File: BG039605.D

Acq: 26 Feb 2019 18:01

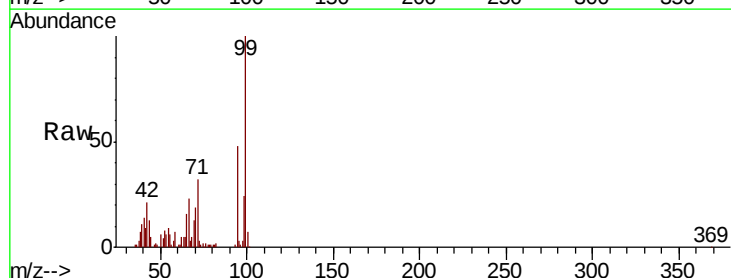
Tgt Ion: 94 Resp: 29415

Ion Ratio Lower Upper

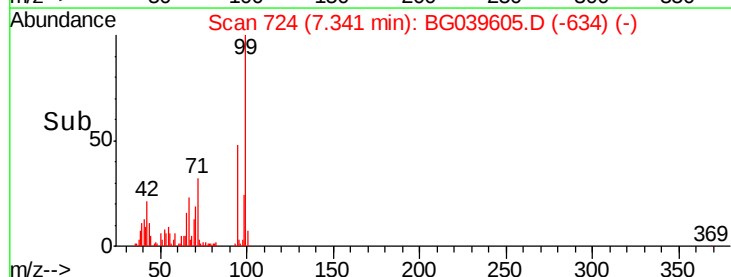
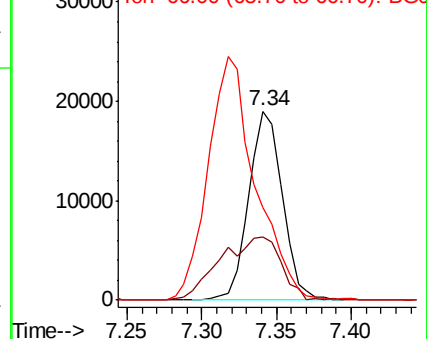
94 100

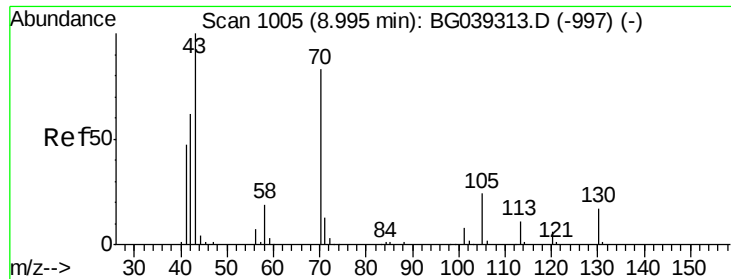
65 33.4 11.7 51.7

66 48.7 23.7 63.7



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

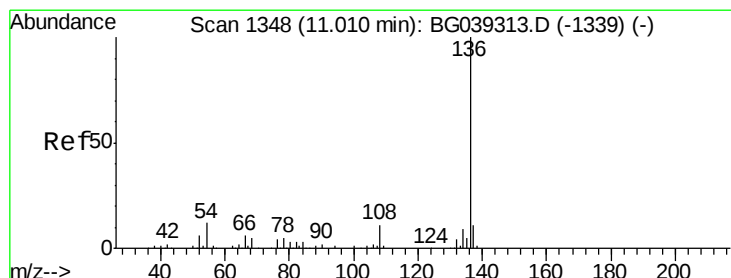
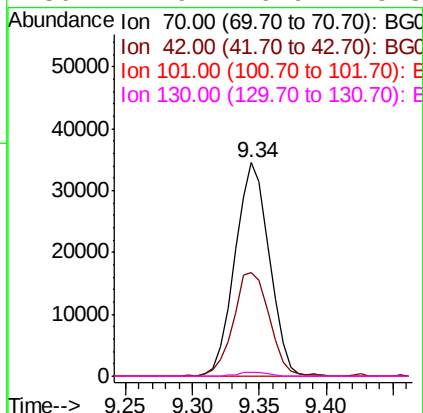
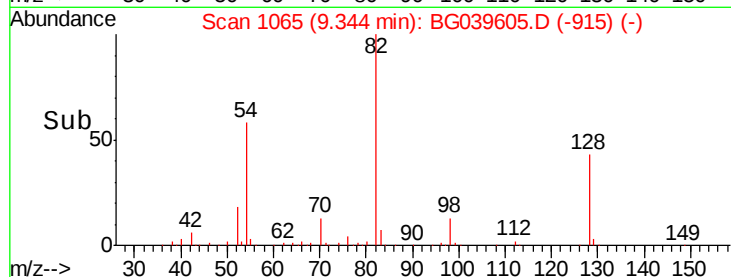
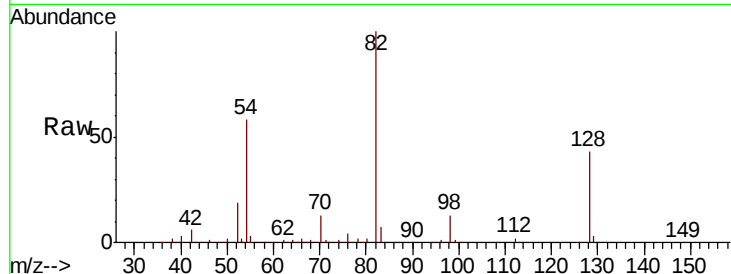




#19
n-Nitroso-di-n-propylamine
Concen: 14.932 ng
RT: 9.34 min Scan# 1065
Delta R.T. 0.35 min
Lab File: BG039605.D
Acq: 26 Feb 2019 18:01

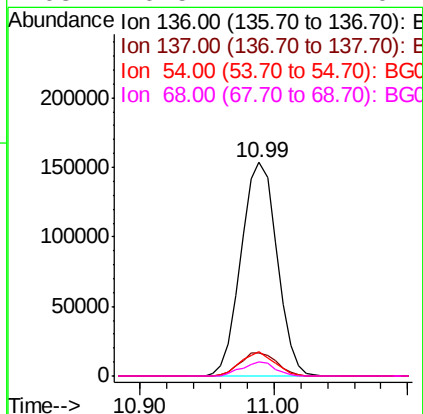
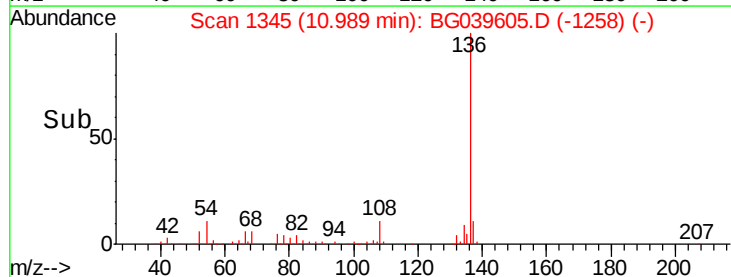
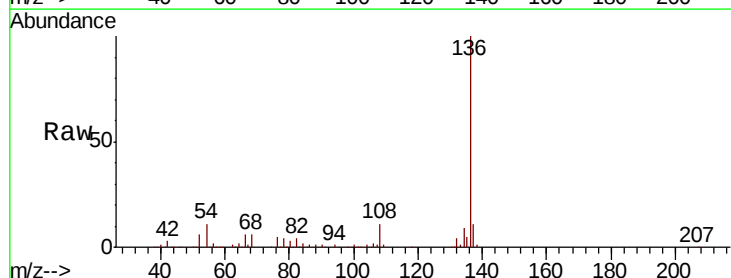
Instrument :
BNA_G
ClientSampleId :
TP-25

Tgt Ion: 70 Resp: 61441
Ion Ratio Lower Upper
70 100
42 48.4 60.4 90.6#
101 0.0 7.5 11.3#
130 1.9 16.9 25.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.99 min Scan# 1345
Delta R.T. -0.02 min
Lab File: BG039605.D
Acq: 26 Feb 2019 18:01

Tgt Ion: 136 Resp: 285969
Ion Ratio Lower Upper
136 100
137 10.5 9.1 13.7
54 11.5 9.4 14.2
68 6.5 4.2 6.4#

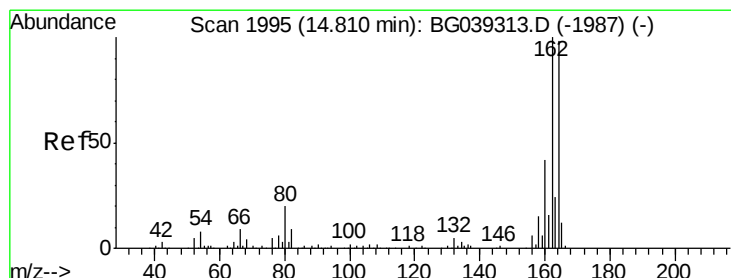
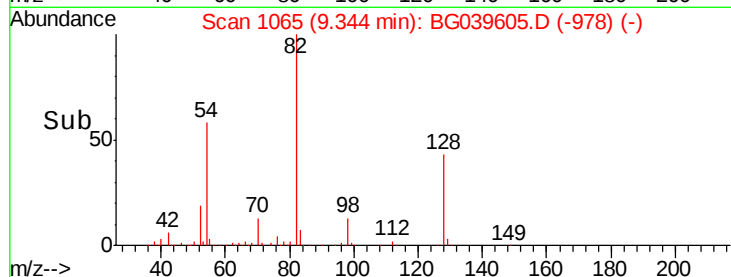
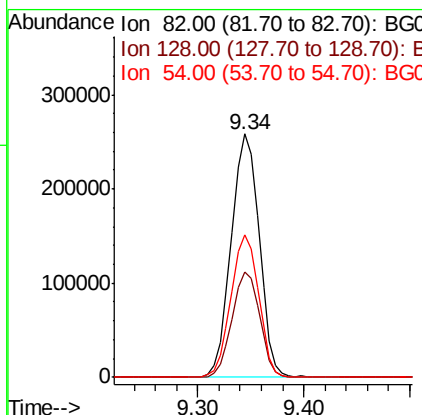
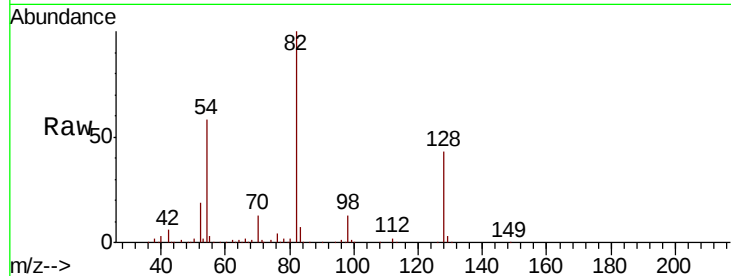




#23
 Nitrobenzene-d5
 Concen: 103.305 ng
 RT: 9.34 min Scan# 1065
 Delta R.T. -0.02 min
 Lab File: BG039605.D
 Acq: 26 Feb 2019 18:01

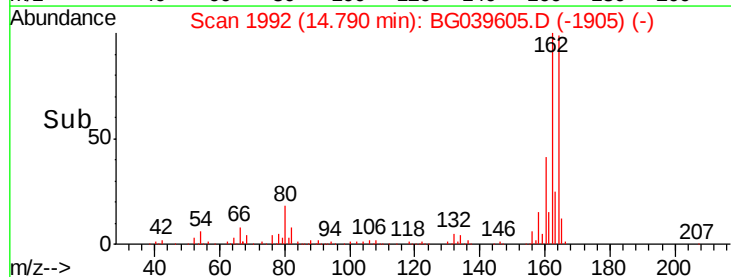
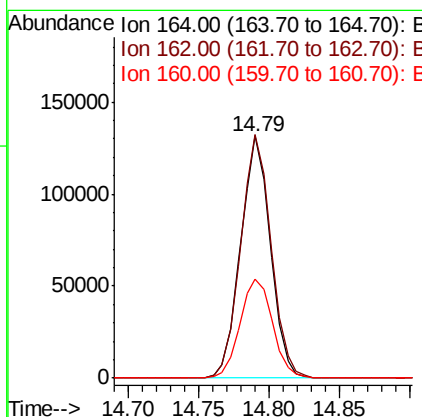
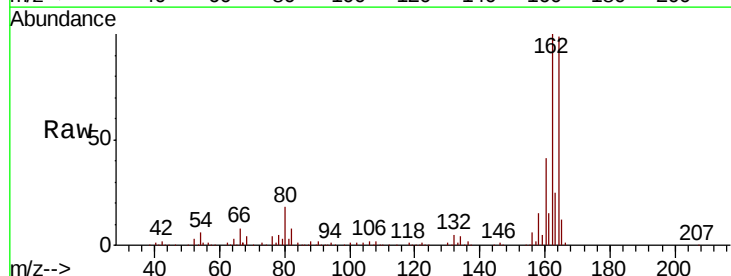
Instrument :
 BNA_G
 ClientSampleId :
 TP-25

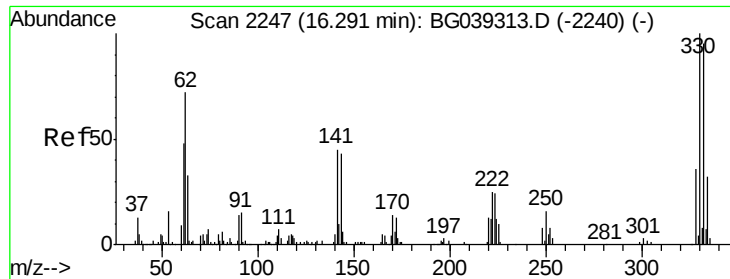
Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.2	31.3	46.9
54	58.3	50.9	76.3



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.79 min Scan# 1992
 Delta R.T. -0.02 min
 Lab File: BG039605.D
 Acq: 26 Feb 2019 18:01

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.5	81.6	122.4
160	41.1	34.2	51.2

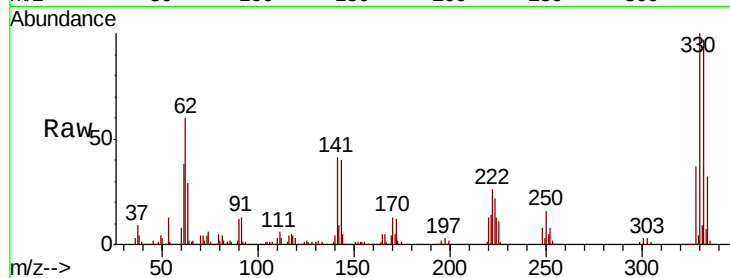




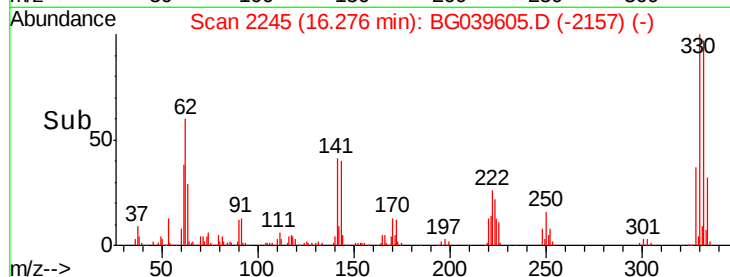
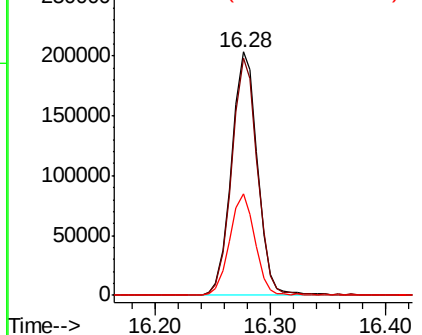
#42
 2,4,6-Tribromophenol
 Concen: 151.625 ng
 RT: 16.28 min Scan# 2245
 Delta R.T. -0.01 min
 Lab File: BG039605.D
 Acq: 26 Feb 2019 18:01

Instrument :
 BNA_G
 ClientSampleId :
 TP-25

Tgt Ion:330 Resp: 317088
 Ion Ratio Lower Upper
 330 100
 332 96.2 75.7 113.5
 141 40.6 35.6 53.4

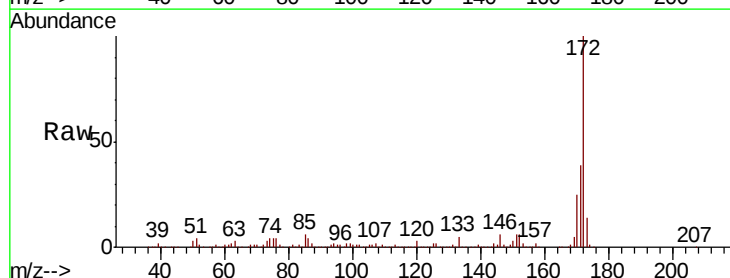


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

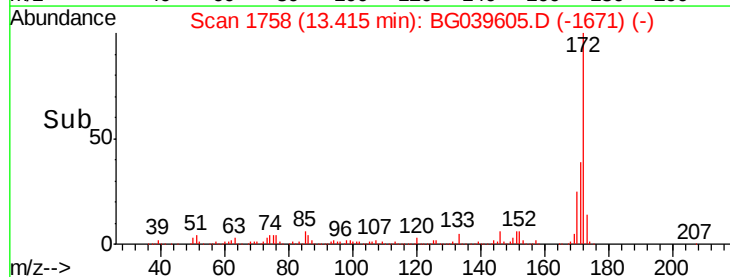
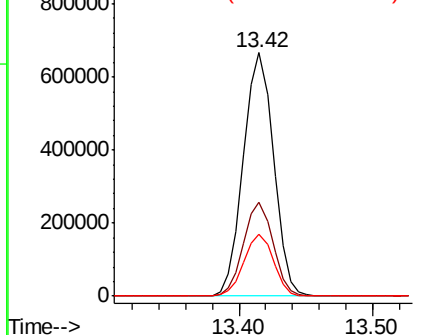


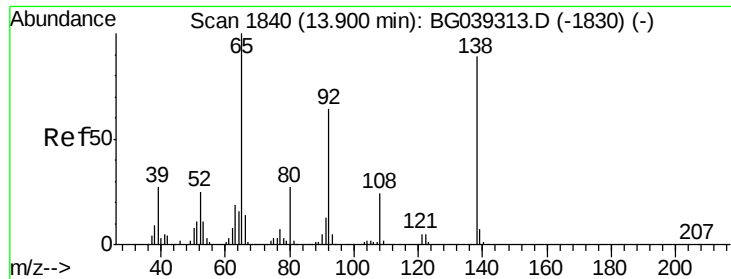
#45
 2-Fluorobiphenyl
 Concen: 77.240 ng
 RT: 13.42 min Scan# 1758
 Delta R.T. -0.02 min
 Lab File: BG039605.D
 Acq: 26 Feb 2019 18:01

Tgt Ion:172 Resp: 1045651
 Ion Ratio Lower Upper
 172 100
 171 38.7 30.8 46.2
 170 25.4 20.2 30.4



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: 8.311 ng

RT: 13.64 min Scan# 1796

Delta R.T. -0.26 min

Lab File: BG039605.D

Acq: 26 Feb 2019 18:01

Instrument :

BNA_G

ClientSampleId :

TP-25

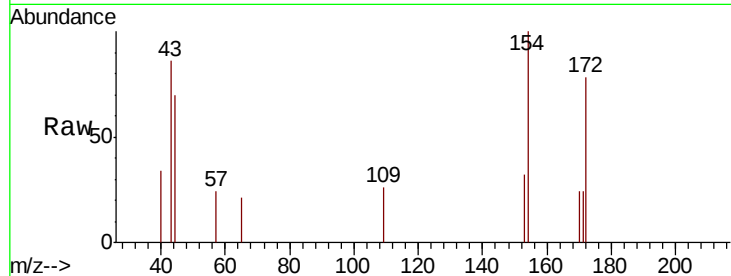
Tgt Ion: 65 Resp: 60

Ion Ratio Lower Upper

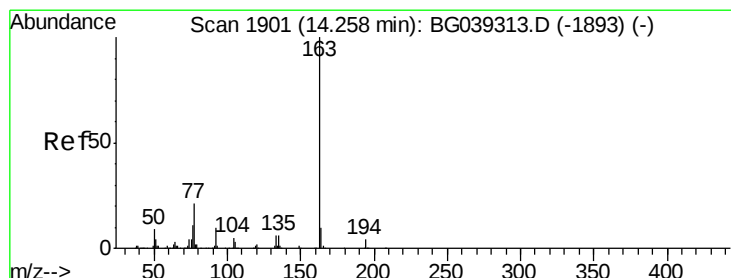
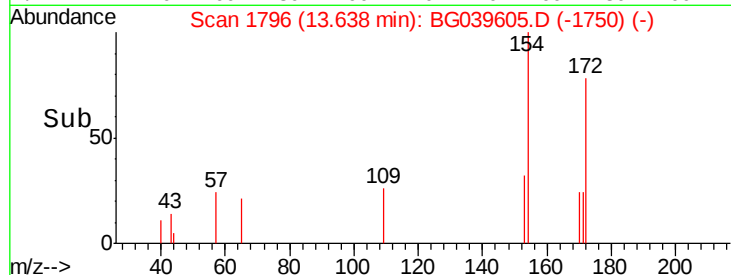
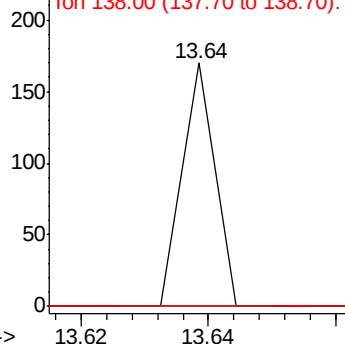
65 100

92 0.0 51.4 77.2#

138 0.0 71.4 107.2#



Abundance Ion 65.00 (64.70 to 65.70): BG039313.D (-1830) (-)



#50

Dimethylphthalate

Concen: 5.356 ng

RT: 14.23 min Scan# 1897

Delta R.T. -0.03 min

Lab File: BG039605.D

Acq: 26 Feb 2019 18:01

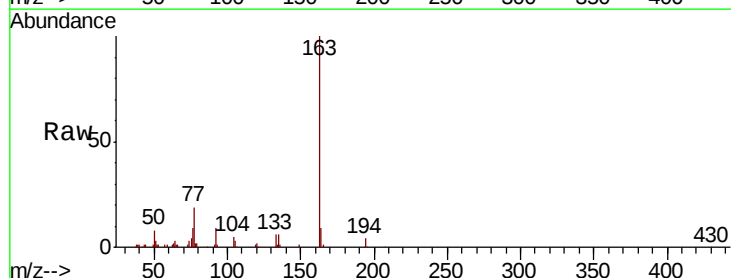
Tgt Ion: 163 Resp: 84001

Ion Ratio Lower Upper

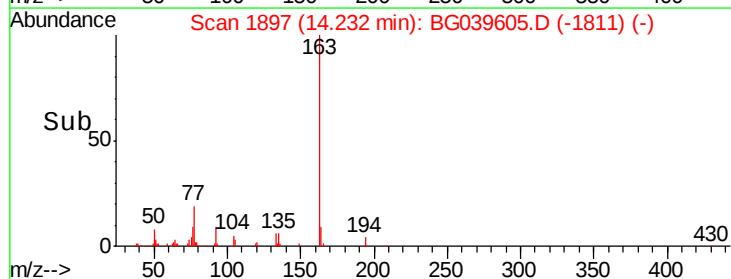
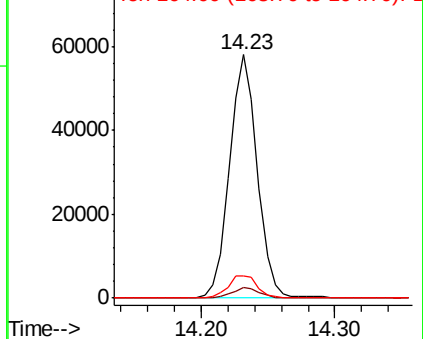
163 100

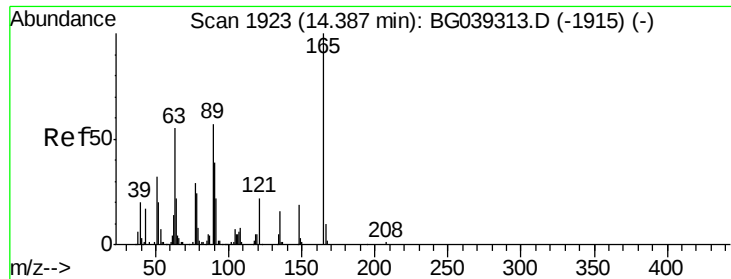
194 4.4 3.6 5.4

164 9.3 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): BG039313.D (-1893) (-)

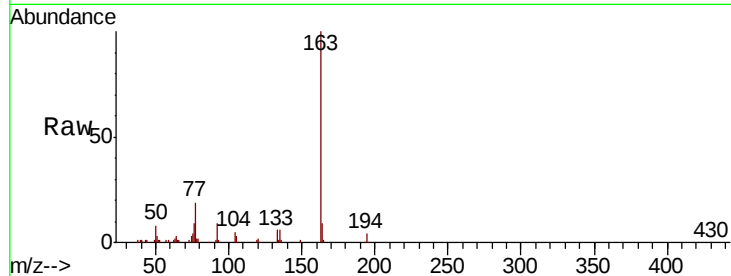




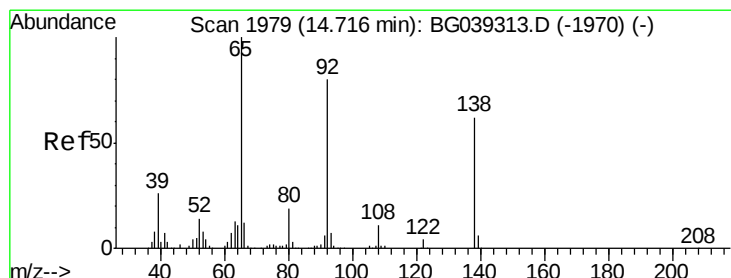
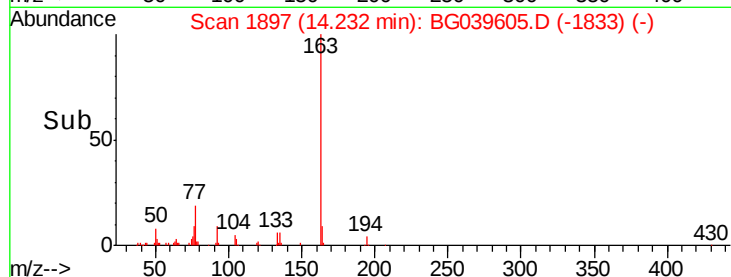
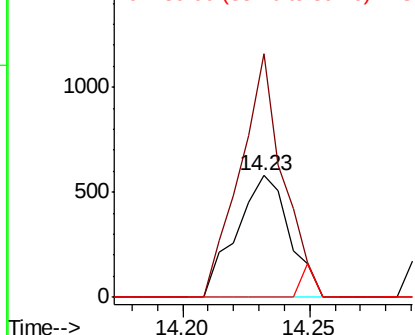
#51
 2,6-Dinitrotoluene
 Concen: 6.807 ng
 RT: 14.23 min Scan# 1897
 Delta R.T. -0.16 min
 Lab File: BG039605.D
 Acq: 26 Feb 2019 18:01

Instrument :
 BNA_G
 ClientSampleId :
 TP-25

Tgt Ion:165 Resp: 842
 Ion Ratio Lower Upper
 165 100
 63 199.8 47.0 70.6#
 89 0.0 45.8 68.8#

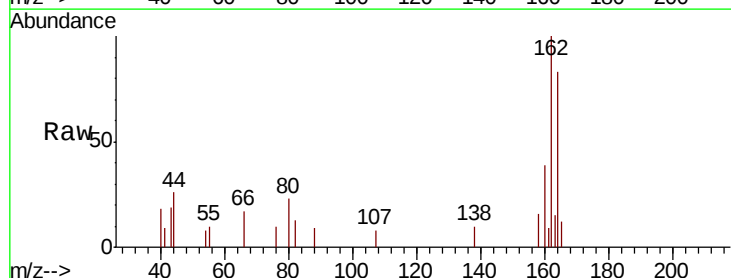


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGO
 Ion 89.00 (88.70 to 89.70): BGO

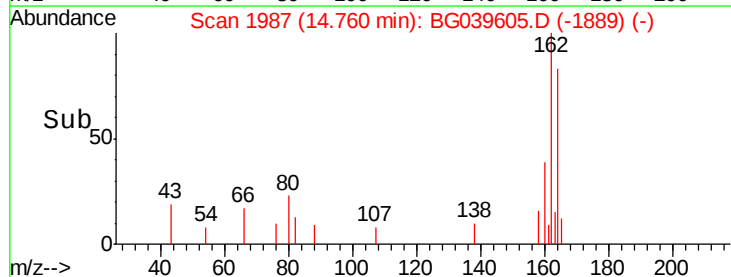
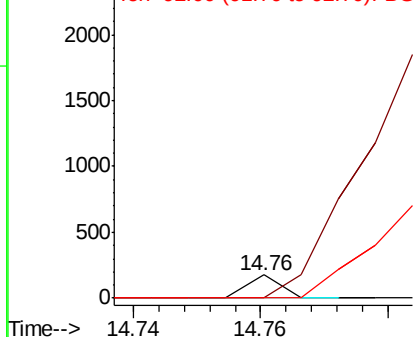


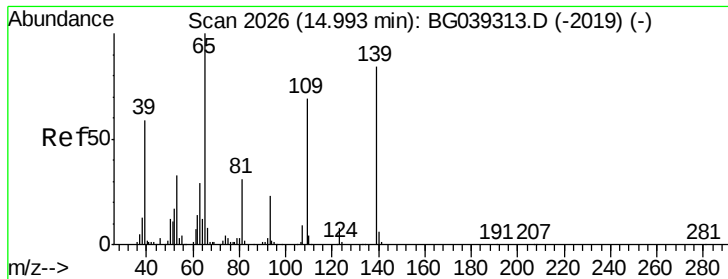
#53
 3-Nitroaniline
 Concen: 5.810 ng
 RT: 14.76 min Scan# 1987
 Delta R.T. 0.04 min
 Lab File: BG039605.D
 Acq: 26 Feb 2019 18:01

Tgt Ion:138 Resp: 62
 Ion Ratio Lower Upper
 138 100
 108 0.0 13.8 20.8#
 92 0.0 103.7 155.5#



Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BGO





#56

4-Nitrophenol

Concen: 5.813 ng

RT: 15.18 min Scan# 2059

Delta R.T. 0.19 min

Lab File: BG039605.D

Acq: 26 Feb 2019 18:01

Instrument :

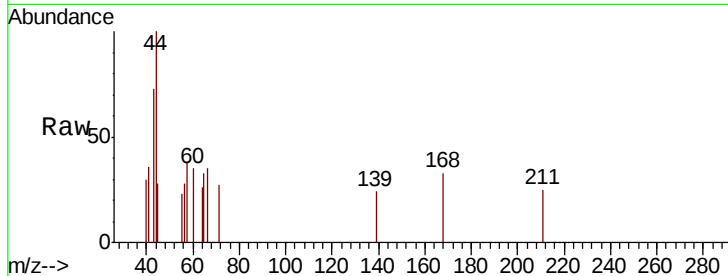
BNA_G

ClientSampled :

TP-25

Tgt Ion:139 Resp: 58

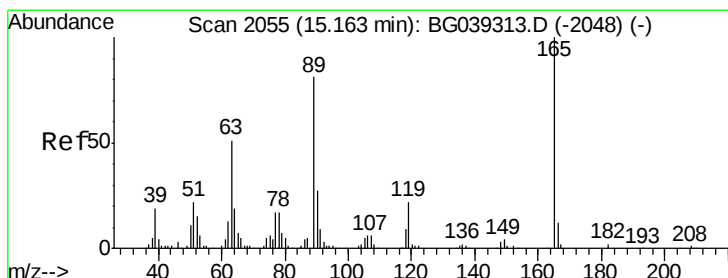
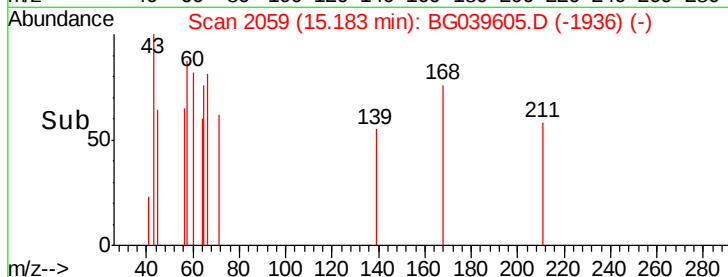
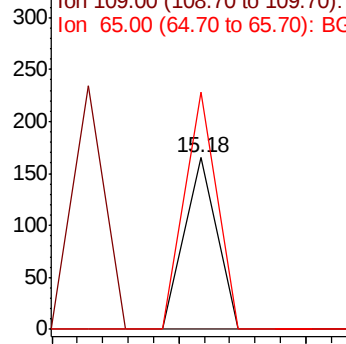
Ion	Ratio	Lower	Upper
139	100		
109	0.0	61.9	101.9#
65	138.2	99.1	139.1



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC



#57

2,4-Dinitrotoluene

Concen: 13.213 ng

RT: 14.79 min Scan# 1992

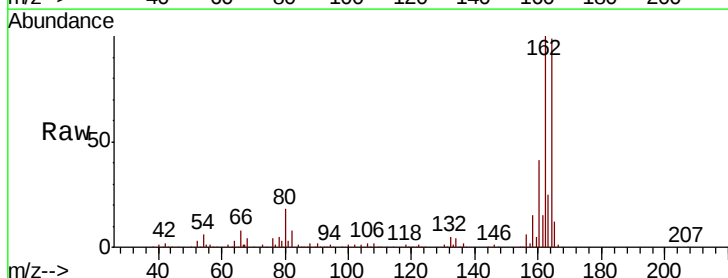
Delta R.T. -0.37 min

Lab File: BG039605.D

Acq: 26 Feb 2019 18:01

Tgt Ion:165 Resp: 24171

Ion	Ratio	Lower	Upper
165	100		
63	1.1	41.0	61.6#
89	2.2	64.6	96.8#
182	0.0	2.0	3.0#

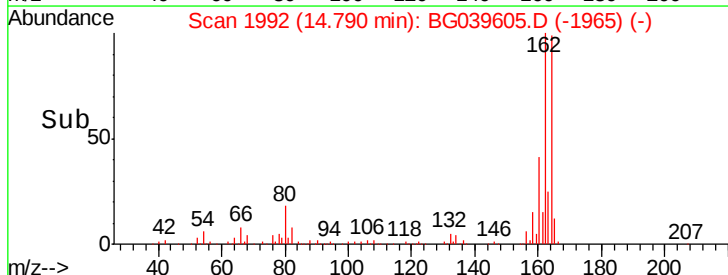
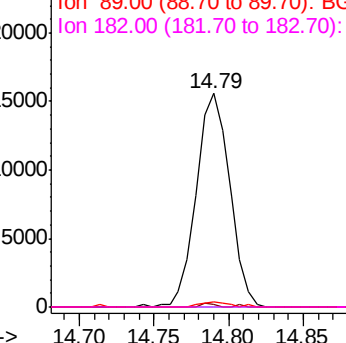


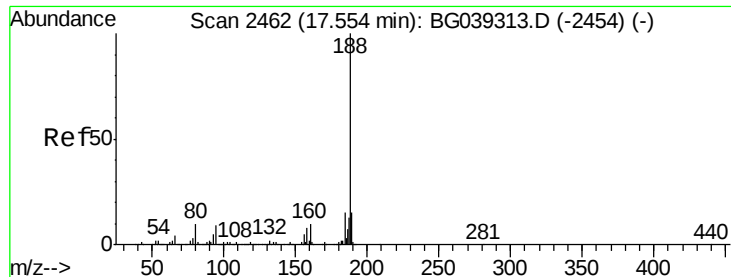
Abundance Ion 165.00 (164.70 to 165.70): E

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: 17.53 min Scan# 2459

Delta R.T. -0.02 min

Lab File: BG039605.D

Acq: 26 Feb 2019 18:01

Instrument :

BNA_G

ClientSampleId :

TP-25

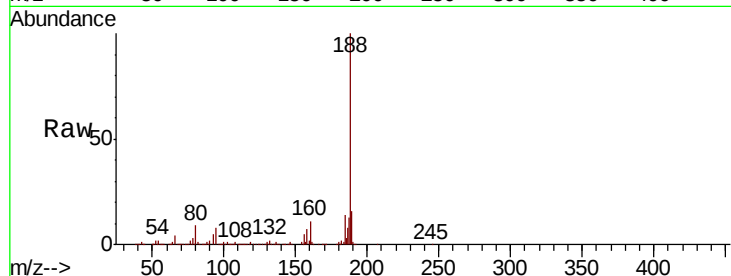
Tgt Ion:188 Resp: 454775

Ion Ratio Lower Upper

188 100

94 7.8 6.9 10.3

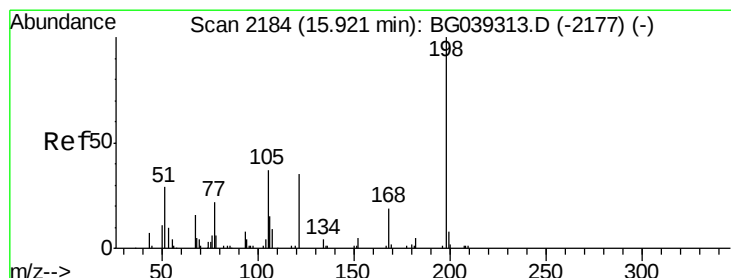
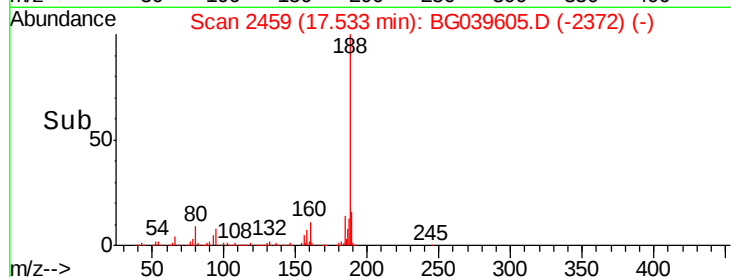
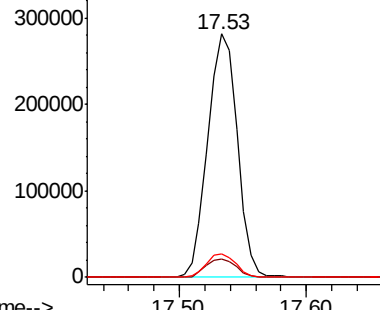
80 9.5 8.1 12.1



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: 4.847 ng

RT: 16.28 min Scan# 2245

Delta R.T. 0.36 min

Lab File: BG039605.D

Acq: 26 Feb 2019 18:01

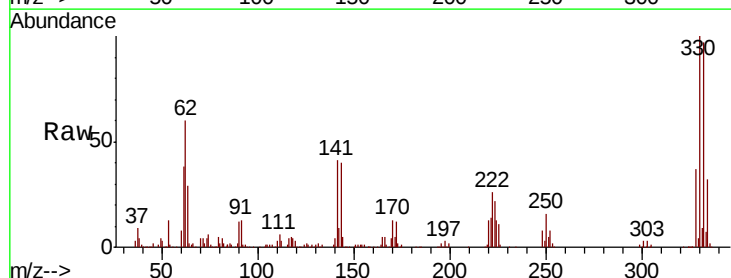
Tgt Ion:198 Resp: 953

Ion Ratio Lower Upper

198 100

51 113.4 27.4 67.4#

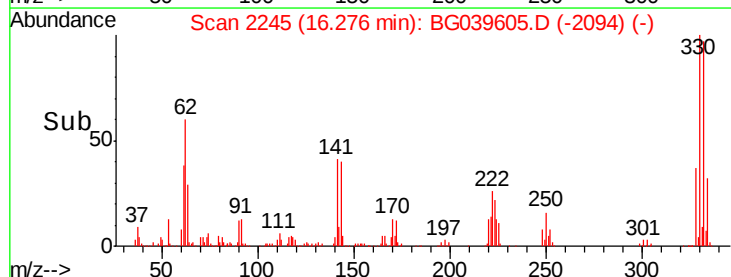
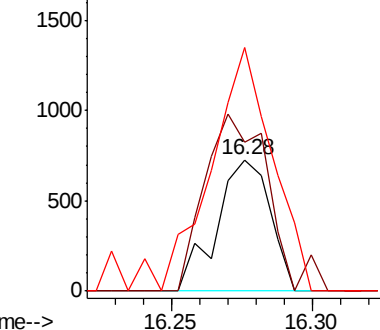
105 185.7 19.7 59.7#

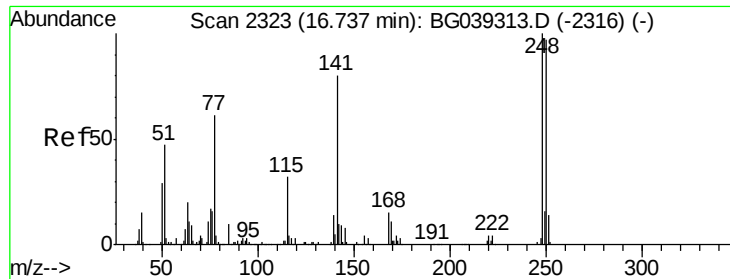


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E

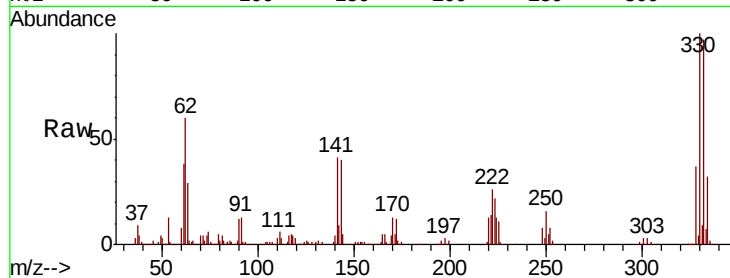




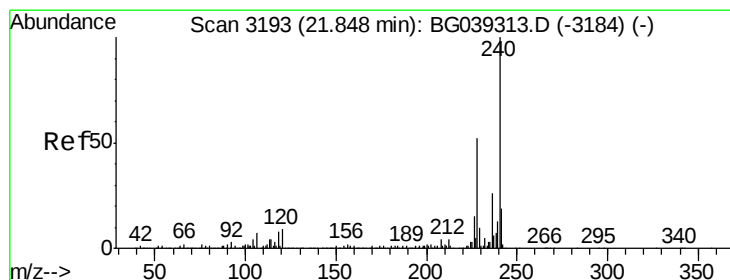
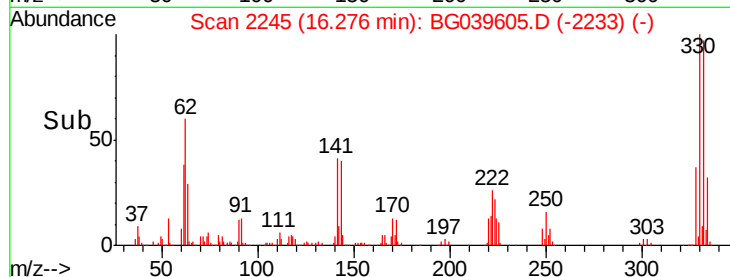
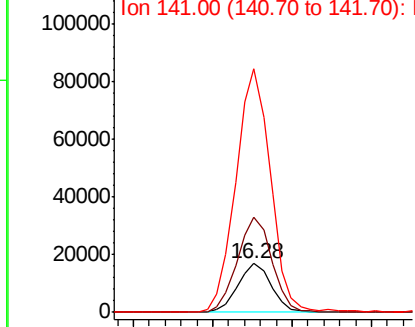
#67
 4-Bromophenyl-phenylether
 Concen: 4.949 ng
 RT: 16.28 min Scan# 2245
 Delta R.T. -0.46 min
 Lab File: BG039605.D
 Acq: 26 Feb 2019 18:01

Instrument :
 BNA_G
 ClientSampleId :
 TP-25

Tgt Ion:248 Resp: 24970
 Ion Ratio Lower Upper
 248 100
 250 193.4 77.6 116.4#
 141 497.4 63.9 95.9#

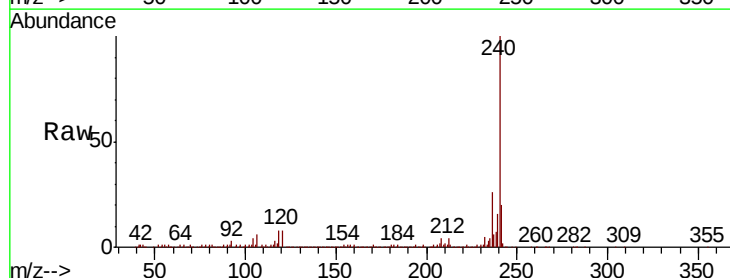


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

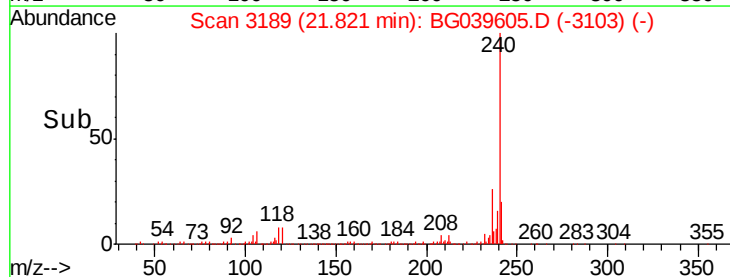
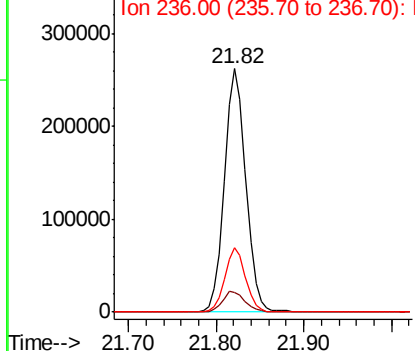


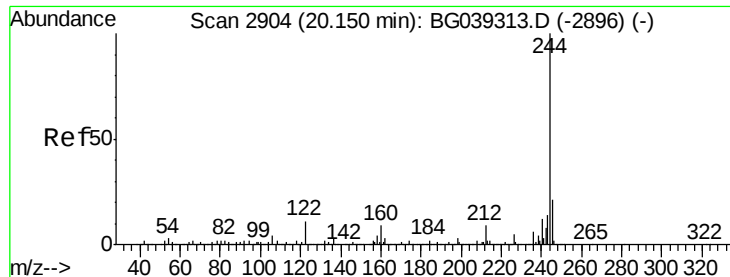
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.82 min Scan# 3189
 Delta R.T. -0.03 min
 Lab File: BG039605.D
 Acq: 26 Feb 2019 18:01

Tgt Ion:240 Resp: 436730
 Ion Ratio Lower Upper
 240 100
 120 8.2 7.0 10.6
 236 26.5 21.0 31.4



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: 71.190 ng

RT: 20.13 min Scan# 2901

Delta R.T. -0.02 min

Lab File: BG039605.D

Acq: 26 Feb 2019 18:01

Instrument :

BNA_G

ClientSampled :

TP-25

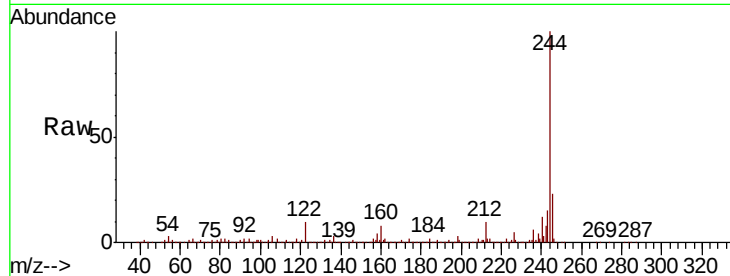
Tgt Ion:244 Resp: 1468833

Ion Ratio Lower Upper

244 100

212 9.6 7.3 10.9

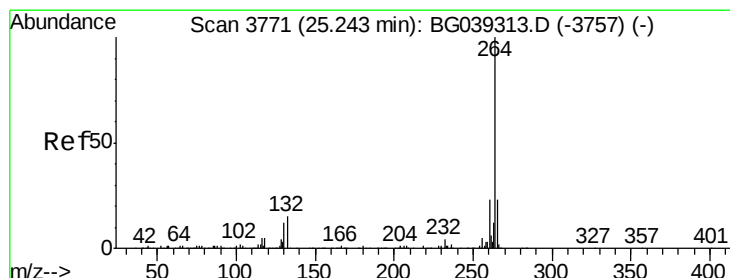
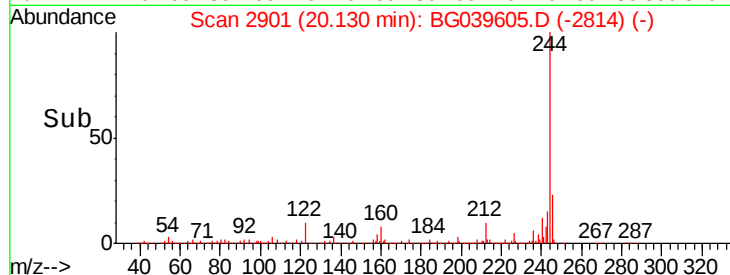
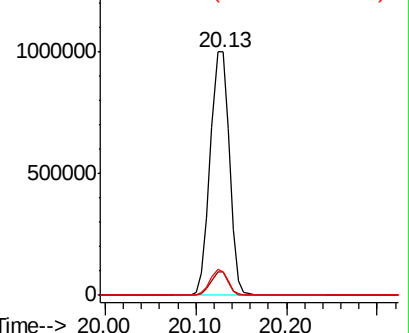
122 9.6 8.4 12.6



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: 25.20 min Scan# 3764

Delta R.T. -0.04 min

Lab File: BG039605.D

Acq: 26 Feb 2019 18:01

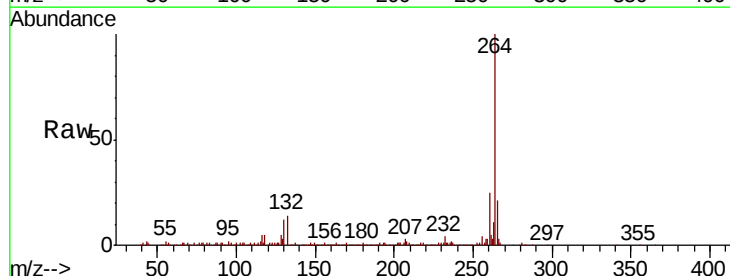
Tgt Ion:264 Resp: 437152

Ion Ratio Lower Upper

264 100

260 24.5 18.2 27.4

265 21.3 18.5 27.7



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

