

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG030119\
 Data File : BG039706.D
 Acq On : 2 Mar 2019 3:31
 Operator : JU/SJ
 Sample : K1675-41
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DFTPP

Quant Time: Mar 02 05:51:34 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 01 06:15:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	54078	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	239843	20.00	ng	0.00
39) Acenaphthene-d10	14.79	164	162956	20.00	ng	0.00
64) Phenanthrene-d10	17.53	188	385834	20.00	ng	0.00
76) Chrysene-d12	21.82	240	389621	20.00	ng	0.00
87) Perylene-d12	25.20	264	385775	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.71	112	331314	104.86	ng	0.00
7) Phenol-d6	7.31	99	477923	102.76	ng	0.00
23) Nitrobenzene-d5	9.34	82	282546	73.59	ng	0.00
42) 2,4,6-Tribromophenol	16.28	330	170769	97.32	ng	0.00
45) 2-Fluorobiphenyl	13.41	172	692329	60.95	ng	0.00
79) Terphenyl-d14	20.12	244	1043640	56.70	ng	0.00

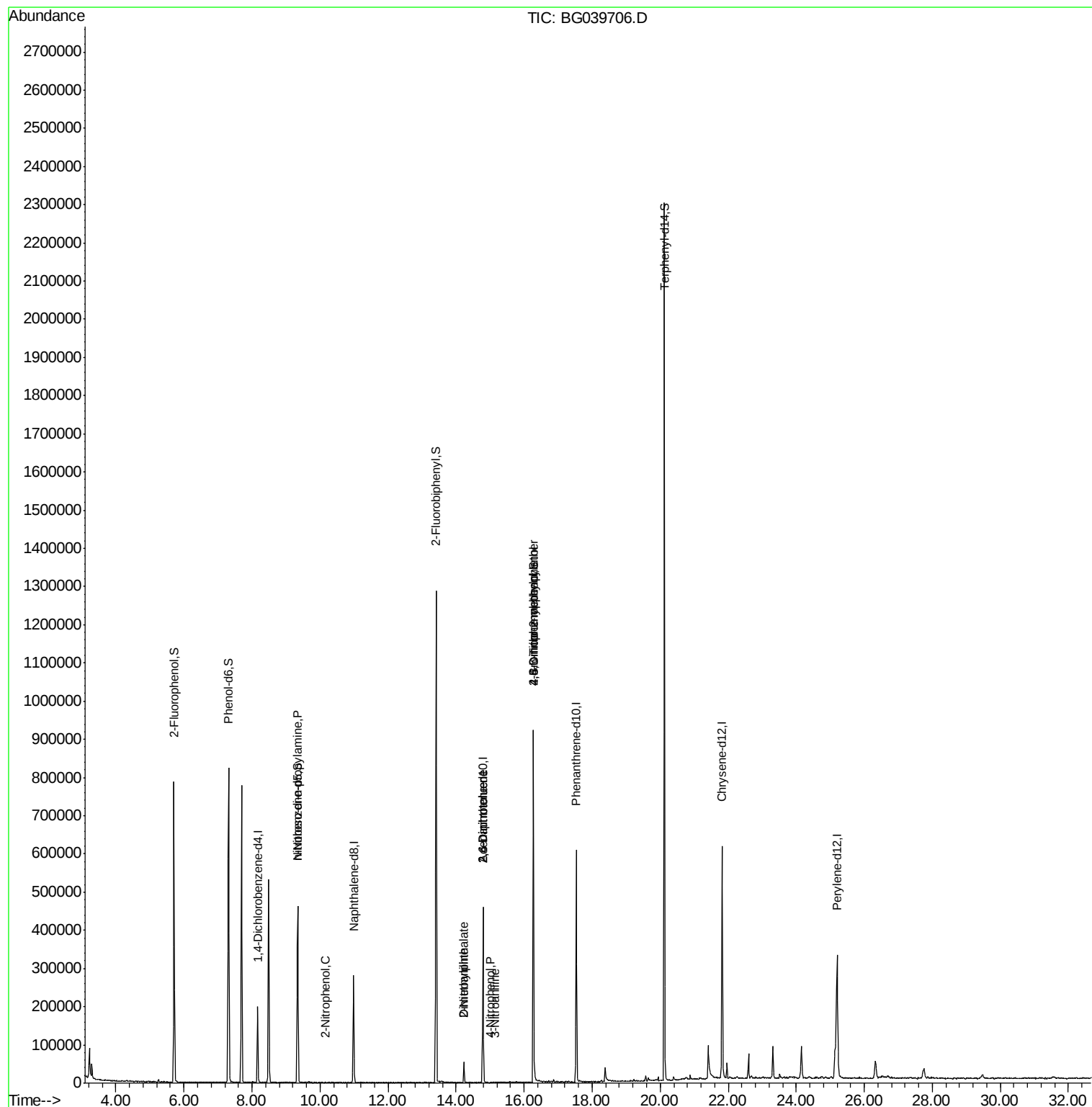
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	7.31	77	744	Below Cal		# 4
19) n-Nitroso-di-n-propylamine	9.34	70	37125	11.246	ng	# 70
26) 2-Nitrophenol	10.15	139	55	4.045	ng	# 31
48) 2-Nitroaniline	14.23	65	292	8.379	ng	# 1
50) Dimethylphthalate	14.23	163	38516	2.927	ng	96
51) 2,6-Dinitrotoluene	14.78	165	20703	13.826	ng	# 24
53) 3-Nitroaniline	15.14	138	69	5.816	ng	# 1
56) 4-Nitrophenol	15.00	139	85	5.827	ng	# 1
57) 2,4-Dinitrotoluene	14.78	165	20703	13.325	ng	# 19
65) 4,6-Dinitro-2-methylphenol	16.28	198	702	4.758	ng	# 2
67) 4-Bromophenyl-phenylether	16.28	248	12788	2.988	ng	# 1

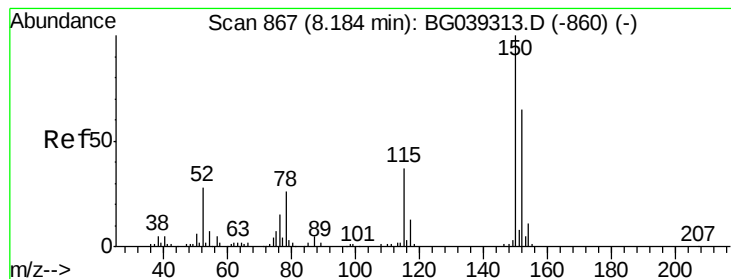
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG030119\
Data File : BG039706.D
Acq On : 2 Mar 2019 3:31
Operator : JU/SJ
Sample : K1675-41
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DFTPP

Quant Time: Mar 02 05:51:34 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 01 06:15:02 2019
Response via : Initial Calibration



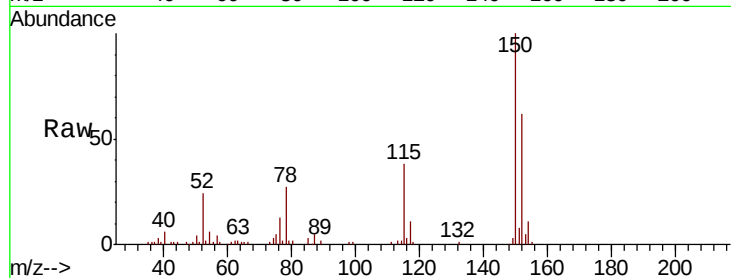


#1

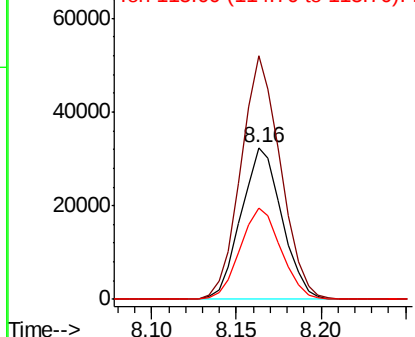
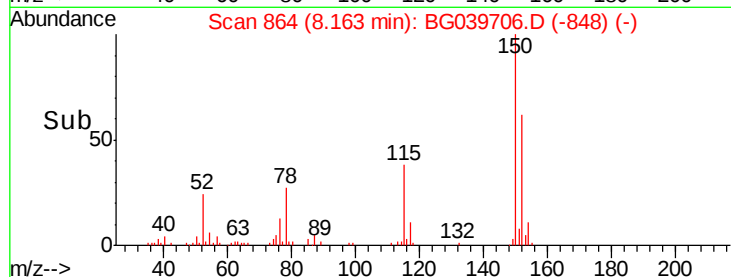
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 864
Delta R.T. -0.01 min
Lab File: BG039706.D
Acq: 2 Mar 2019 3:31

Instrument :
BNA_G
ClientSampleId :
DFTPP

Tgt Ion:152 Resp: 54078
Ion Ratio Lower Upper
152 100
150 160.5 123.7 185.5
115 60.6 45.9 68.9



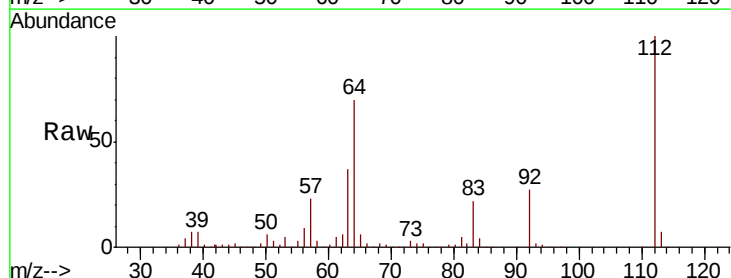
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



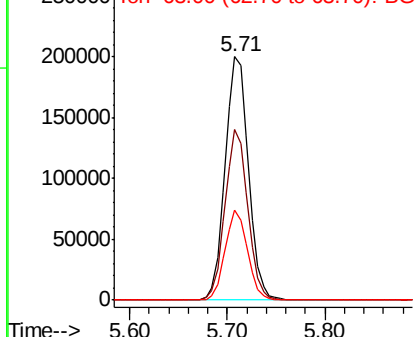
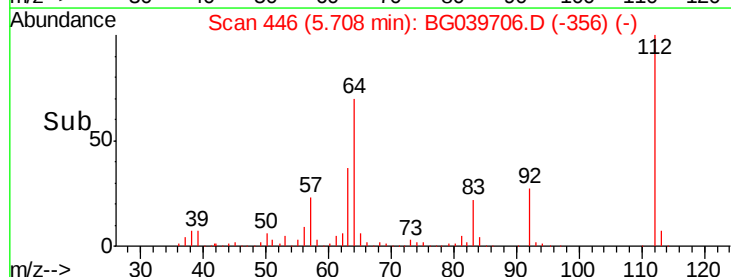
#5

2-Fluorophenol
Concen: 104.857 ng
RT: 5.71 min Scan# 446
Delta R.T. -0.00 min
Lab File: BG039706.D
Acq: 2 Mar 2019 3:31

Tgt Ion:112 Resp: 331314
Ion Ratio Lower Upper
112 100
64 70.3 57.8 86.8
63 37.1 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: 102.758 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.00 min

Lab File: BG039706.D

Acq: 2 Mar 2019 3:31

Instrument :

BNA_G

ClientSampleId :

DFTPP

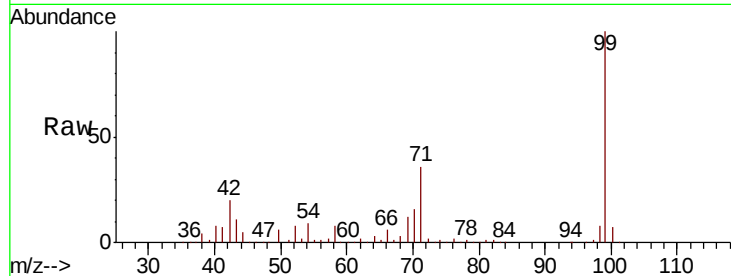
Tgt Ion: 99 Resp: 477923

Ion Ratio Lower Upper

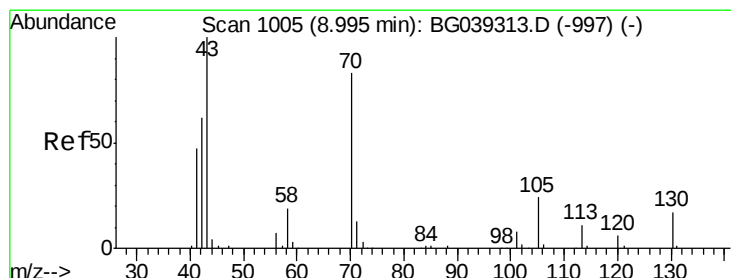
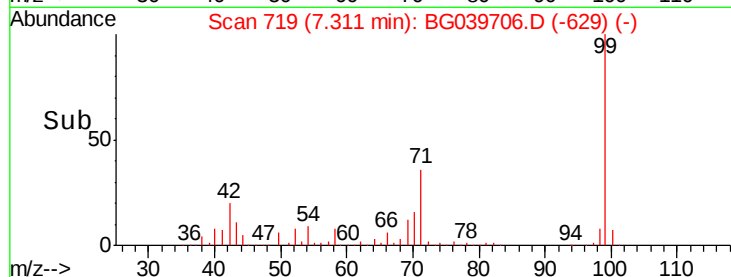
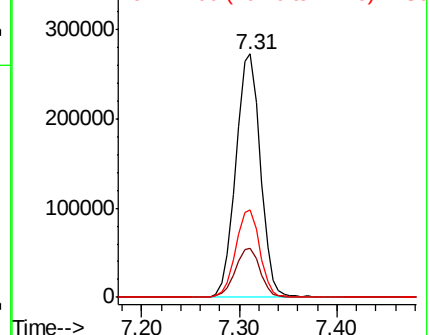
99 100

42 20.2 18.2 27.2

71 36.0 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



#19

n-Nitroso-di-n-propylamine

Concen: 11.246 ng

RT: 9.34 min Scan# 1065

Delta R.T. 0.37 min

Lab File: BG039706.D

Acq: 2 Mar 2019 3:31

Tgt Ion: 70 Resp: 37125

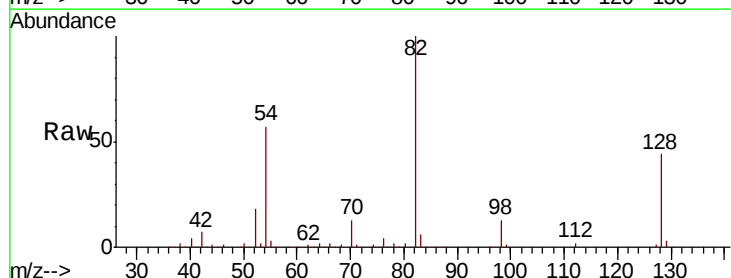
Ion Ratio Lower Upper

70 100

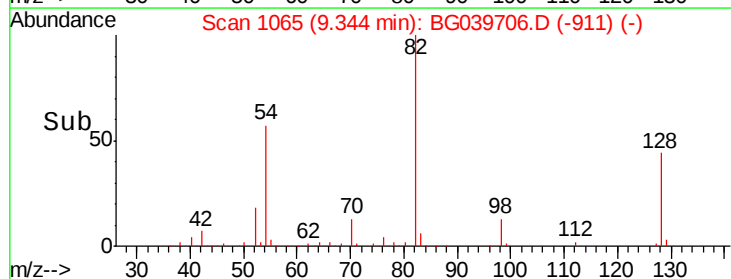
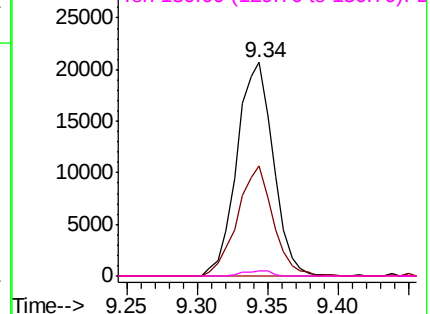
42 51.4 60.4 90.6#

101 0.0 7.5 11.3#

130 2.6 16.9 25.3#



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

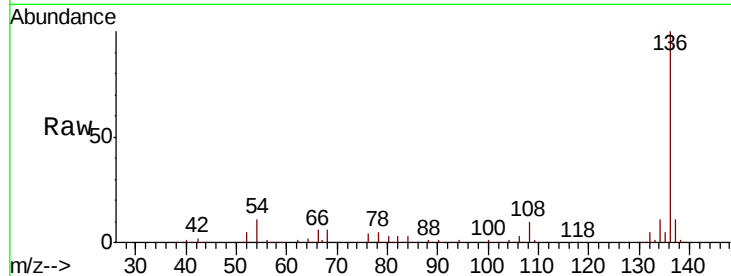




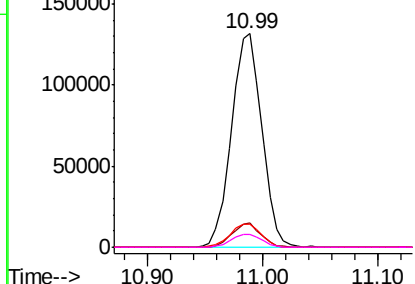
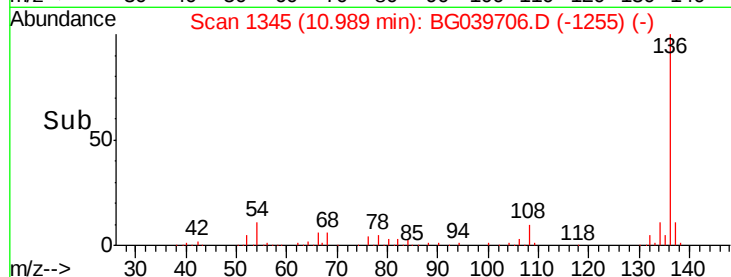
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.99 min Scan# 1345
Delta R.T. -0.00 min
Lab File: BG039706.D
Acq: 2 Mar 2019 3:31

Instrument :
BNA_G
ClientSampleId :
DFTPP

Tgt Ion:	136	Resp:	239843
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.1	13.7
54	10.8	9.4	14.2
68	5.8	4.2	6.4

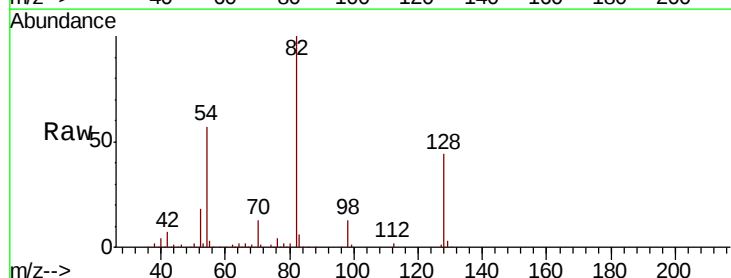


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

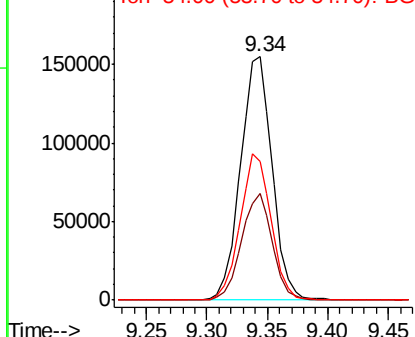
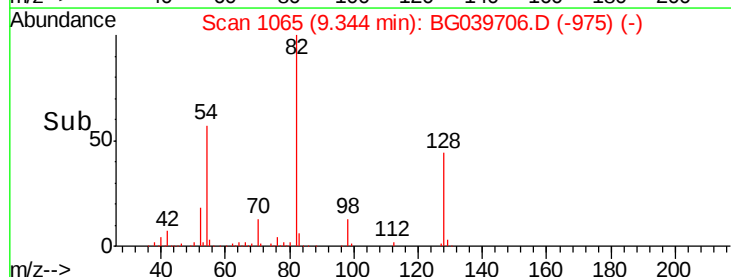


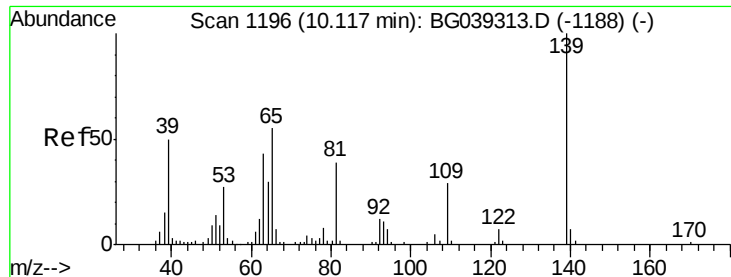
#23
Nitrobenzene-d5
Concen: 73.594 ng
RT: 9.34 min Scan# 1065
Delta R.T. -0.00 min
Lab File: BG039706.D
Acq: 2 Mar 2019 3:31

Tgt Ion:	82	Resp:	282546
Ion	Ratio	Lower	Upper
82	100		
128	43.6	31.3	46.9
54	57.2	50.9	76.3



Abundance Ion 82.00 (81.70 to 82.70): BG
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BG

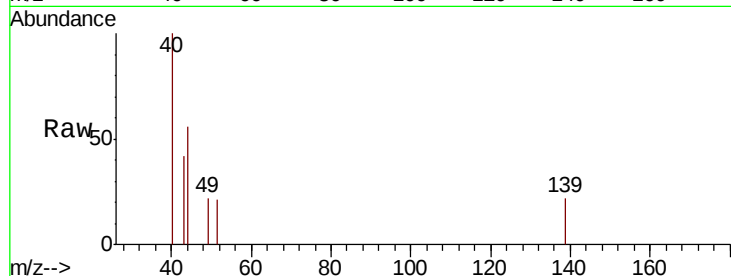




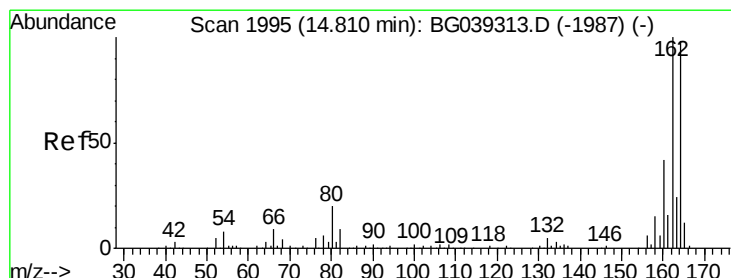
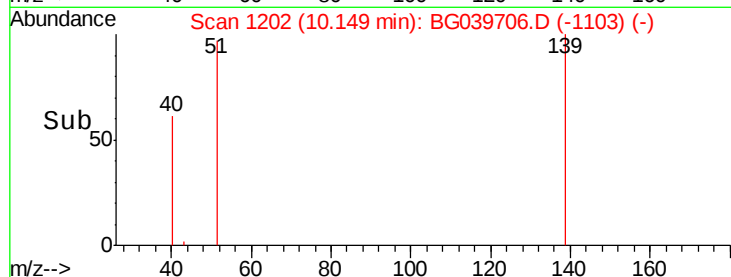
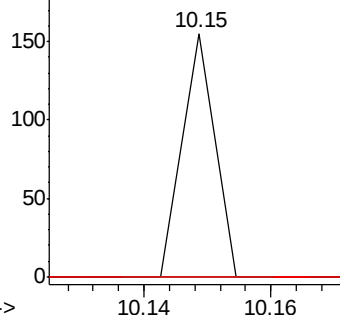
#26
2-Nitrophenol
Concen: 4.045 ng
RT: 10.15 min Scan# 1202
Delta R.T. 0.05 min
Lab File: BG039706.D
Acq: 2 Mar 2019 3:31

Instrument :
BNA_G
ClientSampleId :
DFTPP

Tgt Ion:139 Resp: 55
Ion Ratio Lower Upper
139 100
109 0.0 23.4 35.0#
65 0.0 44.3 66.5#

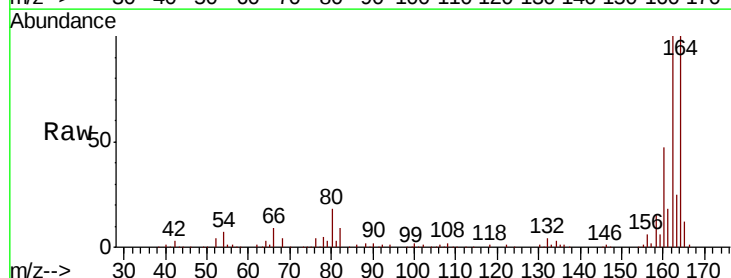


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): B

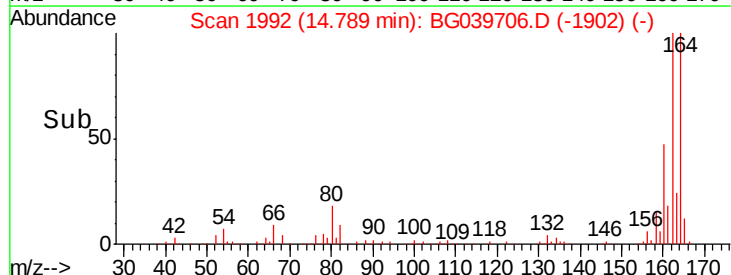
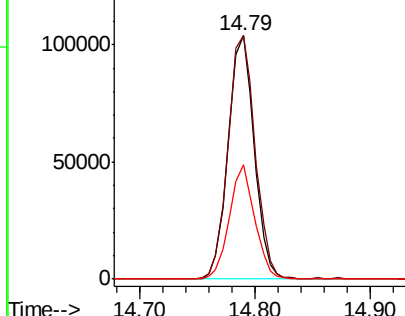


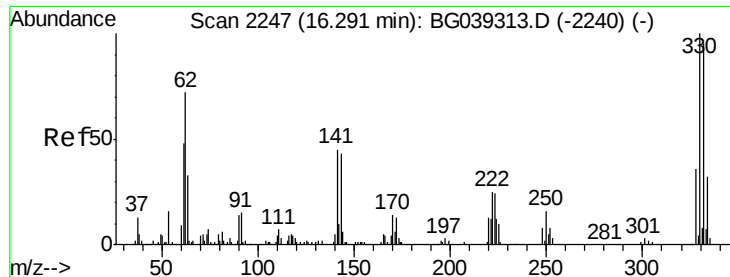
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.79 min Scan# 1992
Delta R.T. -0.00 min
Lab File: BG039706.D
Acq: 2 Mar 2019 3:31

Tgt Ion:164 Resp: 162956
Ion Ratio Lower Upper
164 100
162 100.0 81.6 122.4
160 46.7 34.2 51.2



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

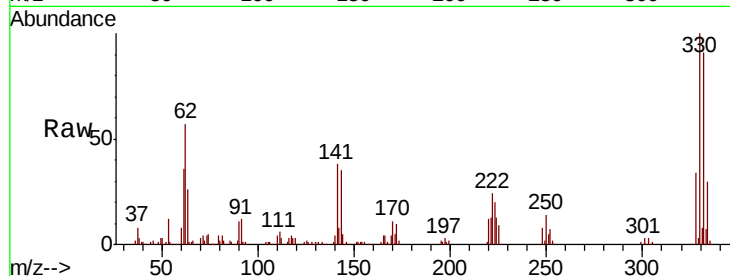




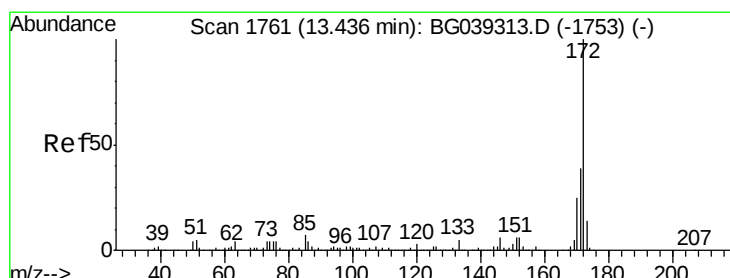
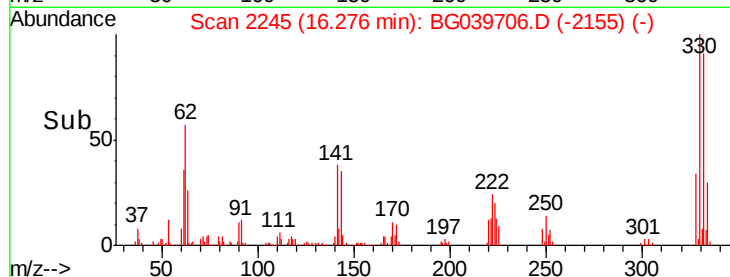
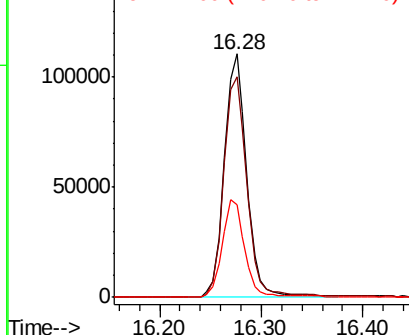
#42
 2,4,6-Tribromophenol
 Concen: 97.318 ng
 RT: 16.28 min Scan# 2245
 Delta R.T. -0.00 min
 Lab File: BG039706.D
 Acq: 2 Mar 2019 3:31

Instrument :
 BNA_G
 ClientSampled :
 DFTPP

Tgt Ion:330 Resp: 170769
 Ion Ratio Lower Upper
 330 100
 332 93.8 75.7 113.5
 141 39.9 35.6 53.4

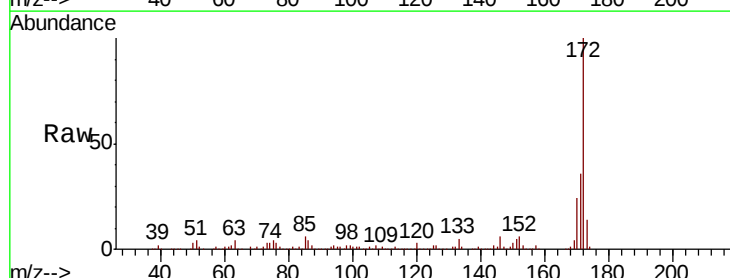


Abundance Ion 329.80 (329.50 to 330.50): E
 150000 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

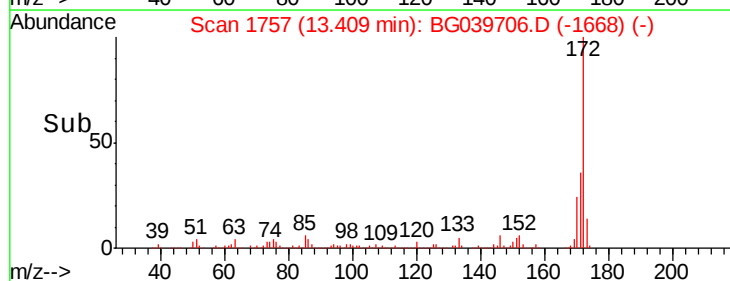
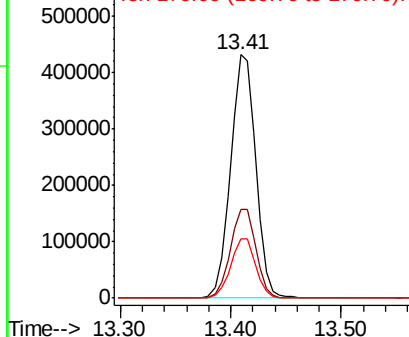


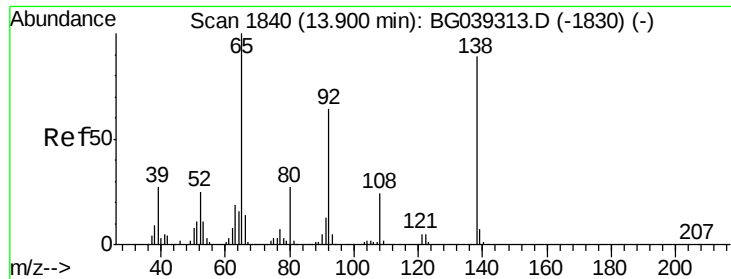
#45
 2-Fluorobiphenyl
 Concen: 60.948 ng
 RT: 13.41 min Scan# 1757
 Delta R.T. -0.01 min
 Lab File: BG039706.D
 Acq: 2 Mar 2019 3:31

Tgt Ion:172 Resp: 692329
 Ion Ratio Lower Upper
 172 100
 171 36.2 30.8 46.2
 170 24.4 20.2 30.4



Abundance Ion 172.00 (171.70 to 172.70): E
 600000 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#48

2-Nitroaniline

Concen: 8.379 ng

RT: 14.23 min Scan# 1897

Delta R.T. 0.35 min

Lab File: BG039706.D

Acq: 2 Mar 2019 3:31

Instrument :

BNA_G

ClientSampleId :

DFTPP

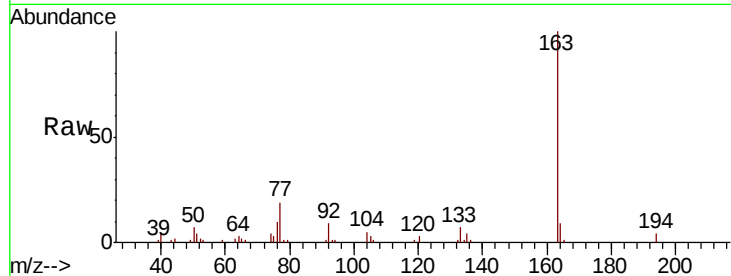
Tgt Ion: 65 Resp: 292

Ion Ratio Lower Upper

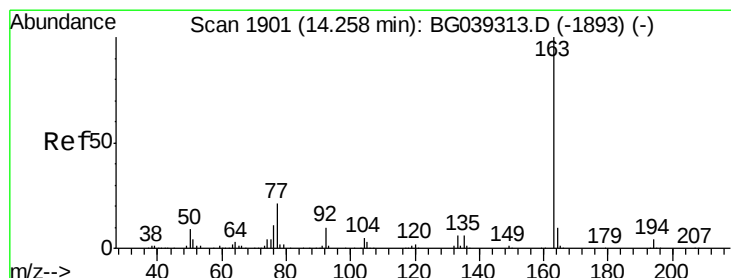
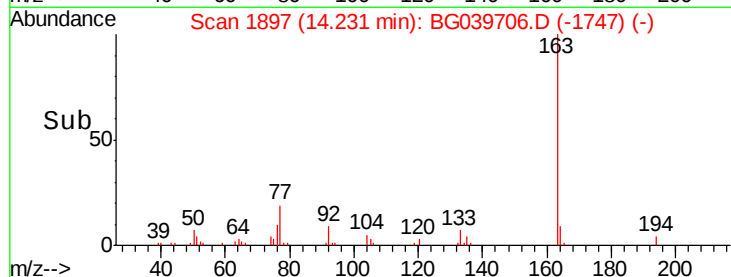
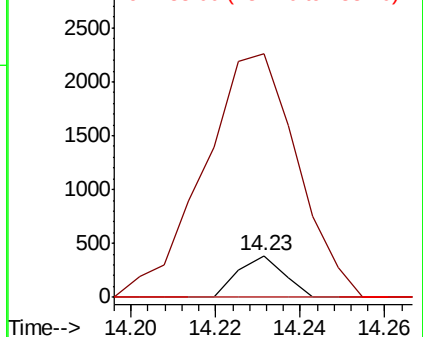
65 100

92 586.8 51.4 77.2#

138 0.0 71.4 107.2#



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: 2.927 ng

RT: 14.23 min Scan# 1897

Delta R.T. -0.01 min

Lab File: BG039706.D

Acq: 2 Mar 2019 3:31

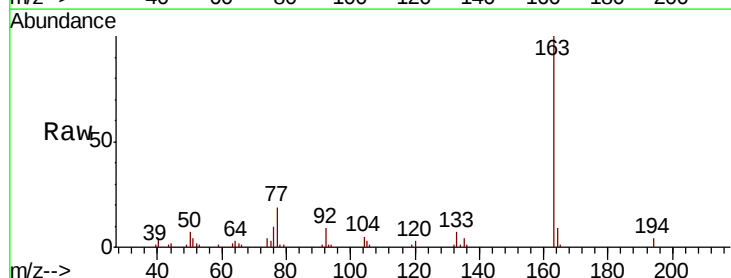
Tgt Ion: 163 Resp: 38516

Ion Ratio Lower Upper

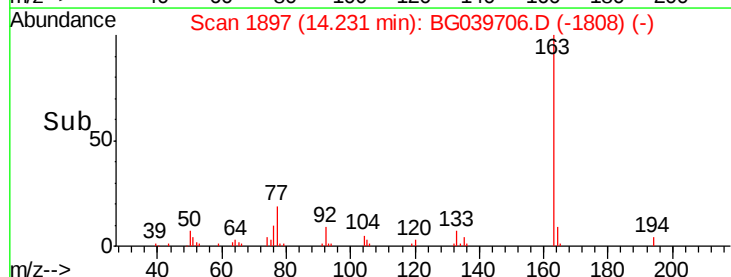
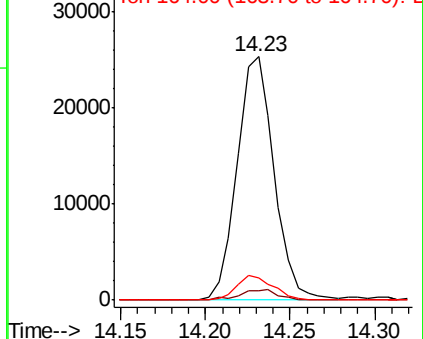
163 100

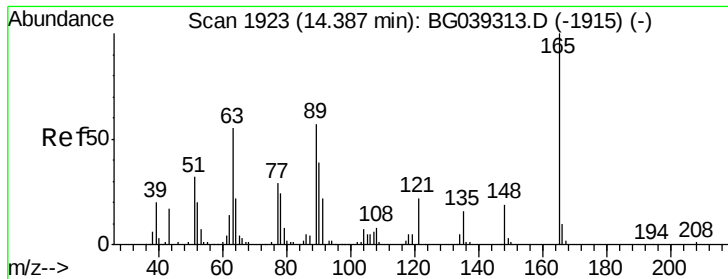
194 3.7 3.6 5.4

164 9.0 8.4 12.6



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

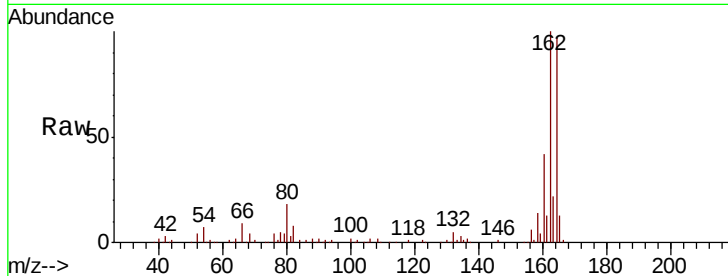




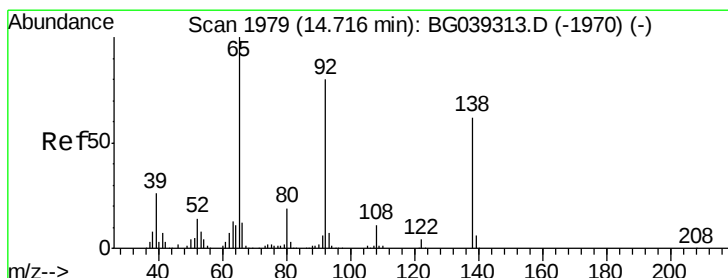
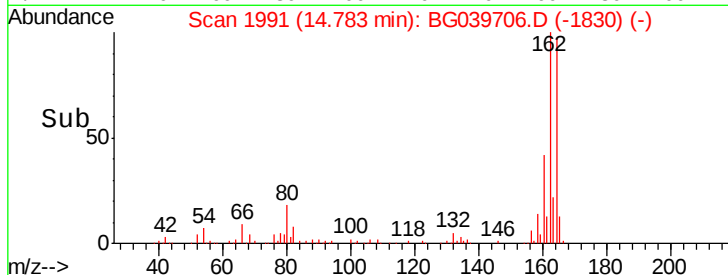
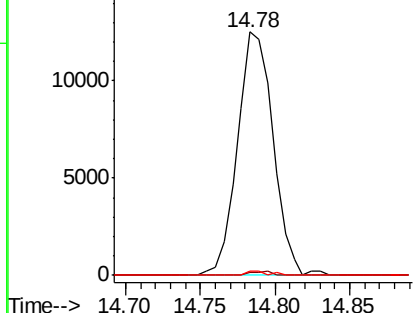
#51
 2,6-Dinitrotoluene
 Concen: 13.826 ng
 RT: 14.78 min Scan# 1991
 Delta R.T. 0.42 min
 Lab File: BG039706.D
 Acq: 2 Mar 2019 3:31

Instrument :
 BNA_G
 ClientSampleId :
 DFTPP

Tgt Ion:165 Resp: 20703
 Ion Ratio Lower Upper
 165 100
 63 1.4 47.0 70.6#
 89 1.9 45.8 68.8#

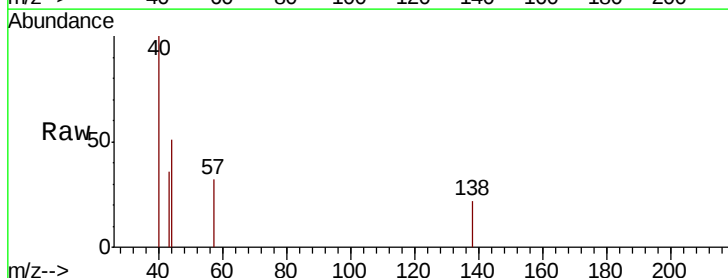


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

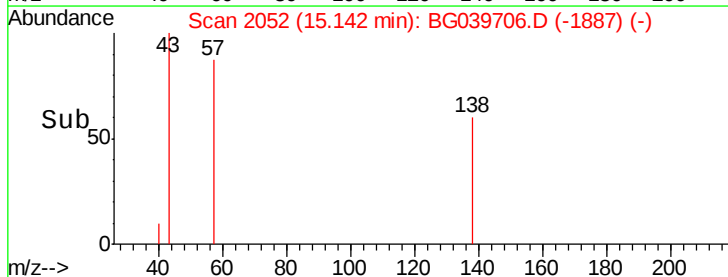
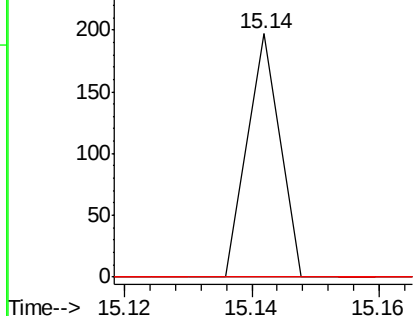


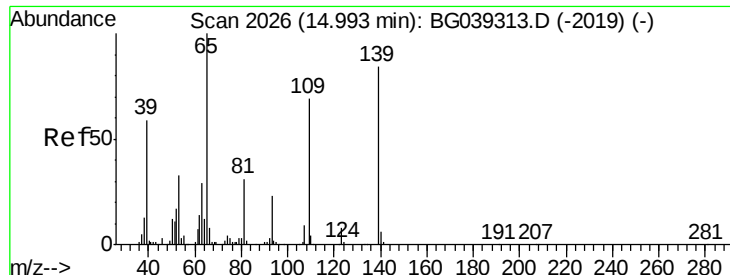
#53
 3-Nitroaniline
 Concen: 5.816 ng
 RT: 15.14 min Scan# 2052
 Delta R.T. 0.44 min
 Lab File: BG039706.D
 Acq: 2 Mar 2019 3:31

Tgt Ion:138 Resp: 69
 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): BGC

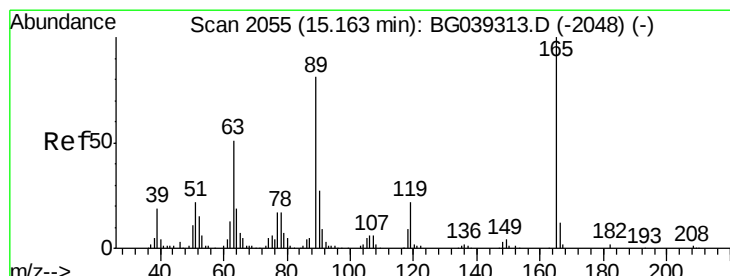
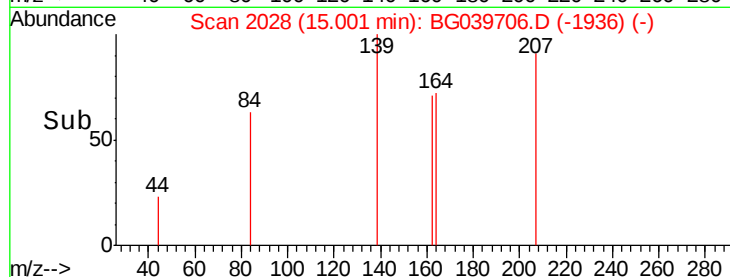
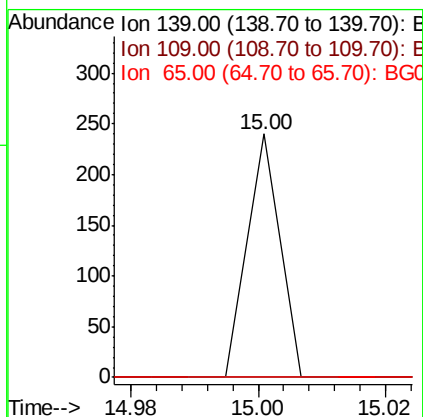
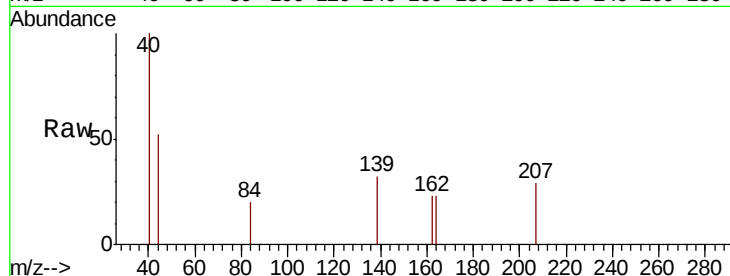




#56
4-Nitrophenol
Concen: 5.827 ng
RT: 15.00 min Scan# 2028
Delta R.T. 0.01 min
Lab File: BG039706.D
Acq: 2 Mar 2019 3:31

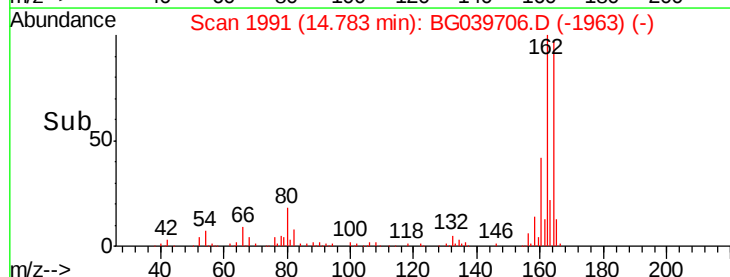
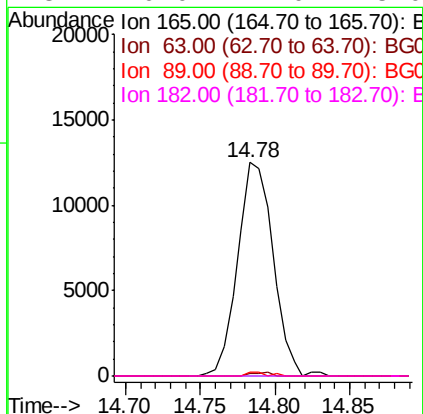
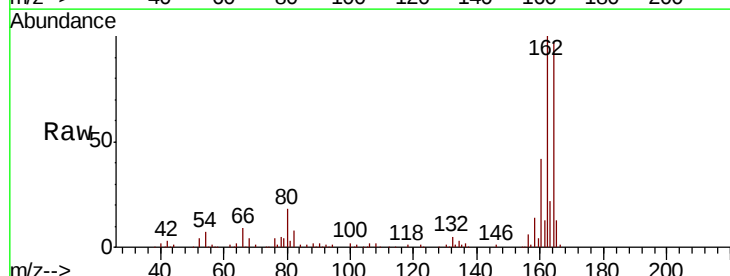
Instrument :
BNA_G
ClientSampleId :
DFTPP

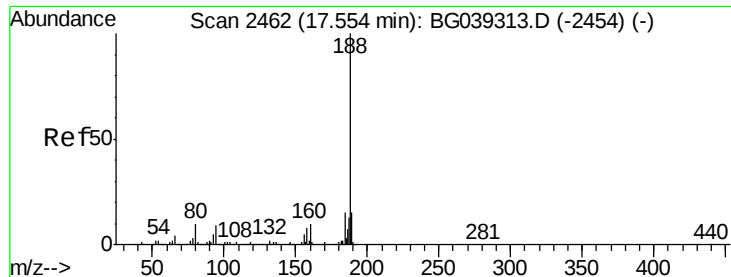
Tgt Ion:139 Resp: 85
Ion Ratio Lower Upper
139 100
109 0.0 61.9 101.9#
65 0.0 99.1 139.1#



#57
2,4-Dinitrotoluene
Concen: 13.325 ng
RT: 14.78 min Scan# 1991
Delta R.T. -0.37 min
Lab File: BG039706.D
Acq: 2 Mar 2019 3:31

Tgt Ion:165 Resp: 20703
Ion Ratio Lower Upper
165 100
63 1.4 41.0 61.6#
89 1.9 64.6 96.8#
182 0.0 2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.53 min Scan# 2459

Delta R.T. -0.00 min

Lab File: BG039706.D

Acq: 2 Mar 2019 3:31

Instrument :

BNA_G

ClientSampleId :

DFTPP

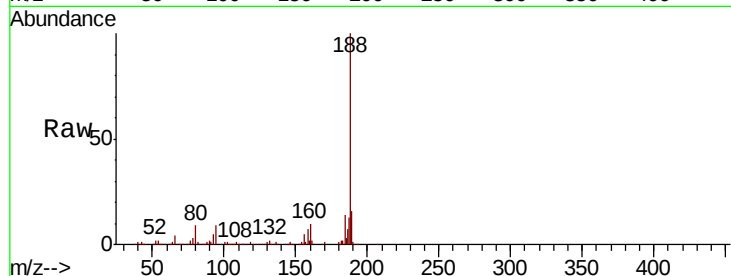
Tgt Ion:188 Resp: 385834

Ion Ratio Lower Upper

188 100

94 8.6 6.9 10.3

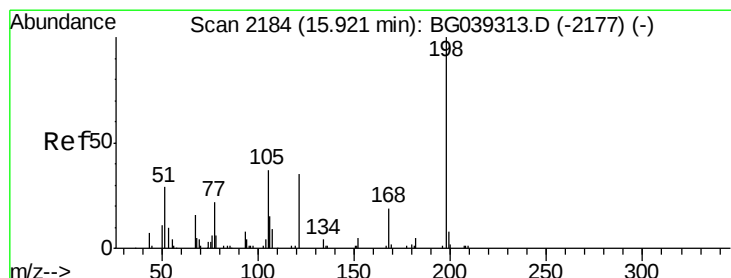
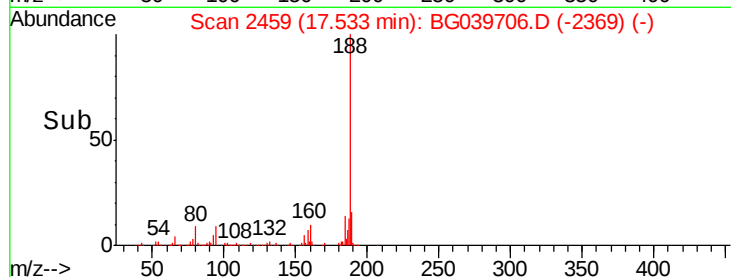
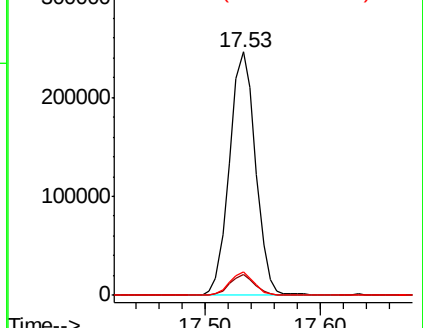
80 9.4 8.1 12.1



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: 4.758 ng

RT: 16.28 min Scan# 2245

Delta R.T. 0.37 min

Lab File: BG039706.D

Acq: 2 Mar 2019 3:31

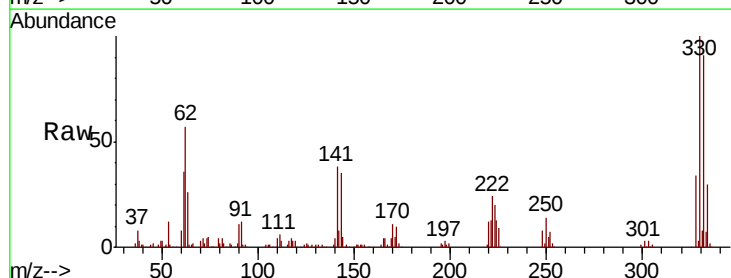
Tgt Ion:198 Resp: 702

Ion Ratio Lower Upper

198 100

51 91.0 27.4 67.4#

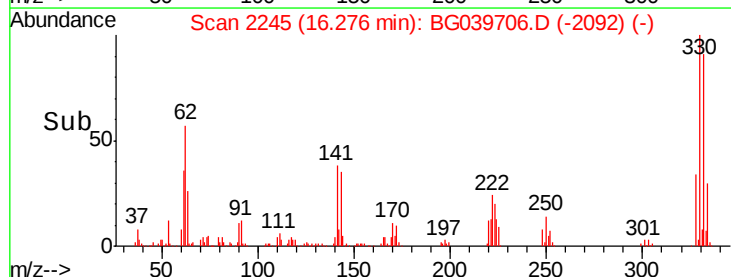
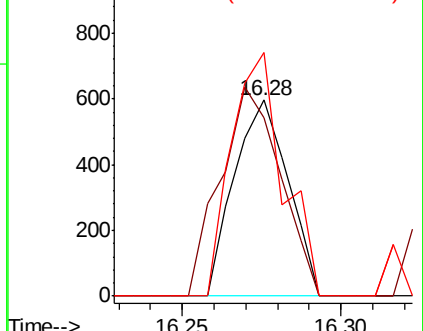
105 124.1 19.7 59.7#

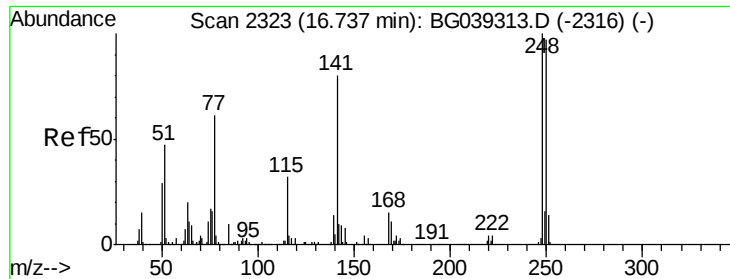


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E

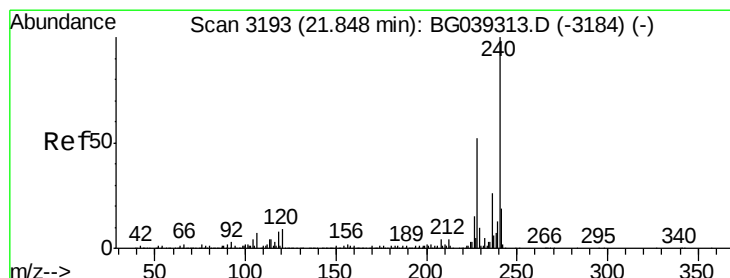
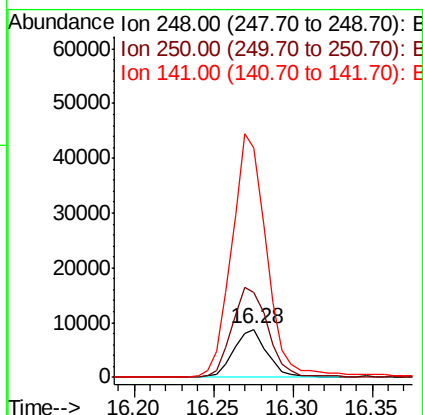
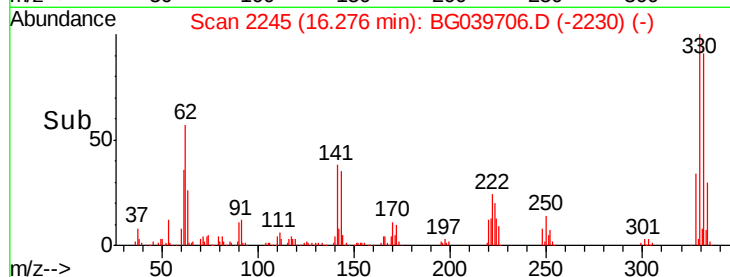
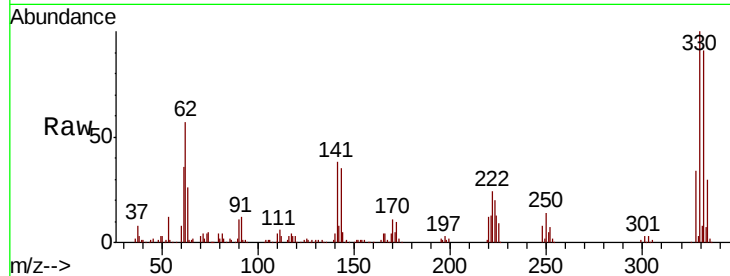




#67
 4-Bromophenyl-phenylether
 Concen: 2.988 ng
 RT: 16.28 min Scan# 2245
 Delta R.T. -0.44 min
 Lab File: BG039706.D
 Acq: 2 Mar 2019 3:31

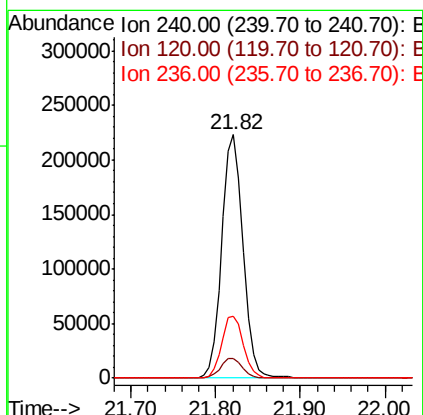
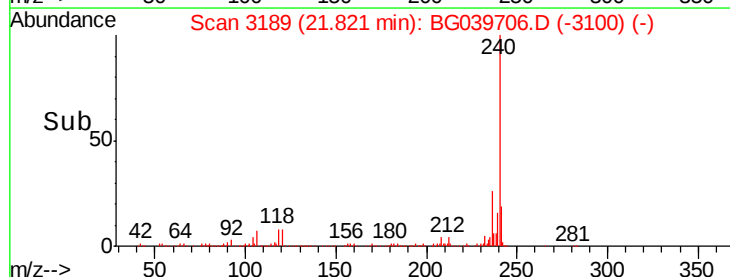
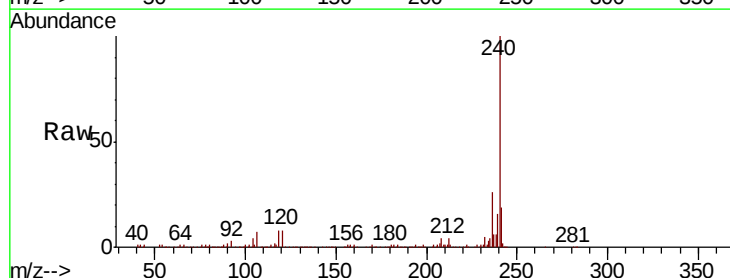
Instrument :
 BNA_G
 ClientSampleId :
 DFTPP

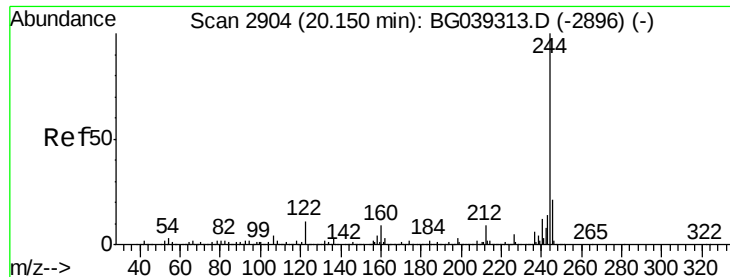
Tgt Ion:248 Resp: 12788
 Ion Ratio Lower Upper
 248 100
 250 177.1 77.6 116.4#
 141 474.8 63.9 95.9#



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.82 min Scan# 3189
 Delta R.T. -0.01 min
 Lab File: BG039706.D
 Acq: 2 Mar 2019 3:31

Tgt Ion:240 Resp: 389621
 Ion Ratio Lower Upper
 240 100
 120 8.1 7.0 10.6
 236 25.6 21.0 31.4





#79

Terphenyl-d14

Concen: 56.698 ng

RT: 20.12 min Scan# 2900

Delta R.T. -0.00 min

Lab File: BG039706.D

Acq: 2 Mar 2019 3:31

Instrument :

BNA_G

ClientSampleId :

DFTPP

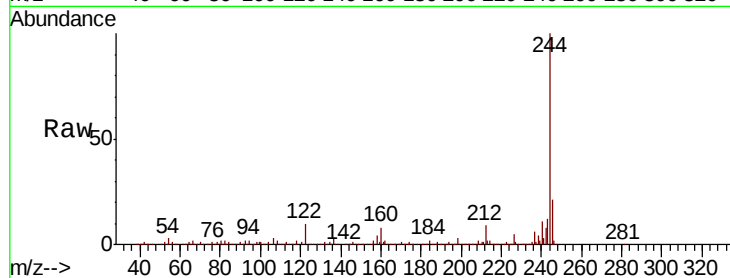
Tgt Ion:244 Resp: 1043640

Ion Ratio Lower Upper

244 100

212 8.6 7.3 10.9

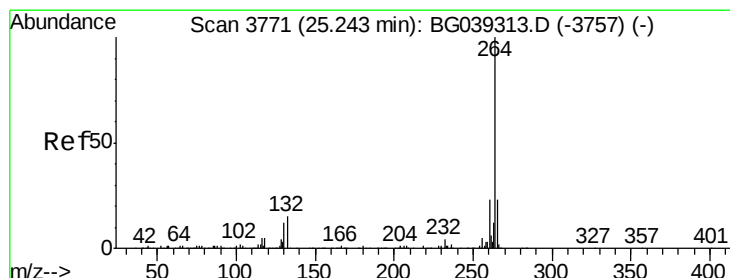
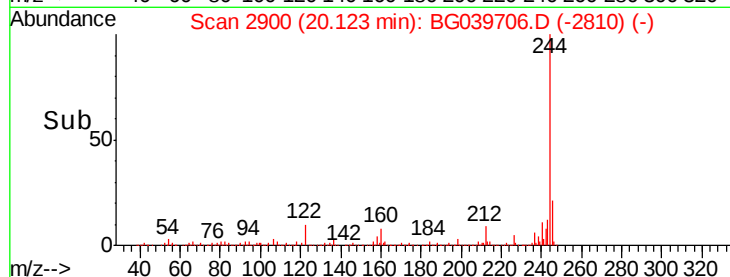
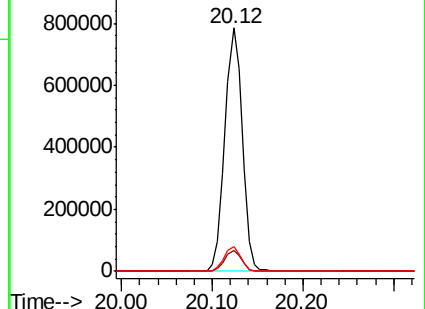
122 10.3 8.4 12.6



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. -0.00 min

Lab File: BG039706.D

Acq: 2 Mar 2019 3:31

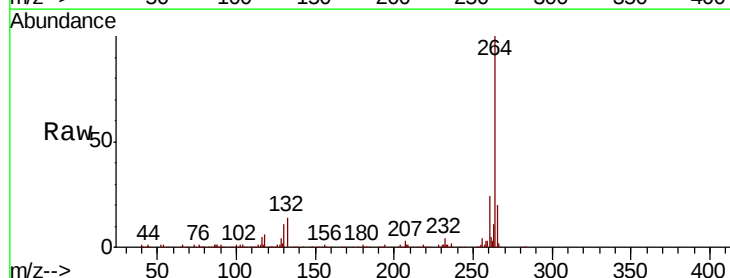
Tgt Ion:264 Resp: 385775

Ion Ratio Lower Upper

264 100

260 24.2 18.2 27.4

265 20.4 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

