

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG020619\NOT REVIEWED DATA\
 Data File : BG039372.D
 Acq On : 6 Feb 2019 15:58
 Operator : JU/SJ
 Sample : K1383-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A0C5B-SS2-0.0-0.5

Quant Time: Feb 07 01:15:43 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	8.18	152	55661	20.00	ng	0.00
21) Naphthalene-d8	11.00	136	240981	20.00	ng	-0.01
39) Acenaphthene-d10	14.80	164	157932	20.00	ng	-0.01
64) Phenanthrene-d10	17.54	188	393565	20.00	ng	-0.01
76) Chrysene-d12	21.83	240	408286	20.00	ng	-0.02
87) Perylene-d12	25.22	264	417761	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.72	112	424843	130.63	ng	0.00
7) Phenol-d6	7.31	99	617666	129.03	ng	0.00
23) Nitrobenzene-d5	9.35	82	354635	91.94	ng	-0.01
42) 2,4,6-Tribromophenol	16.28	330	232047	136.45	ng	0.00
45) 2-Fluorobiphenyl	13.42	172	826713	75.09	ng	-0.01
79) Terphenyl-d14	20.14	244	1308945	67.86	ng	-0.01

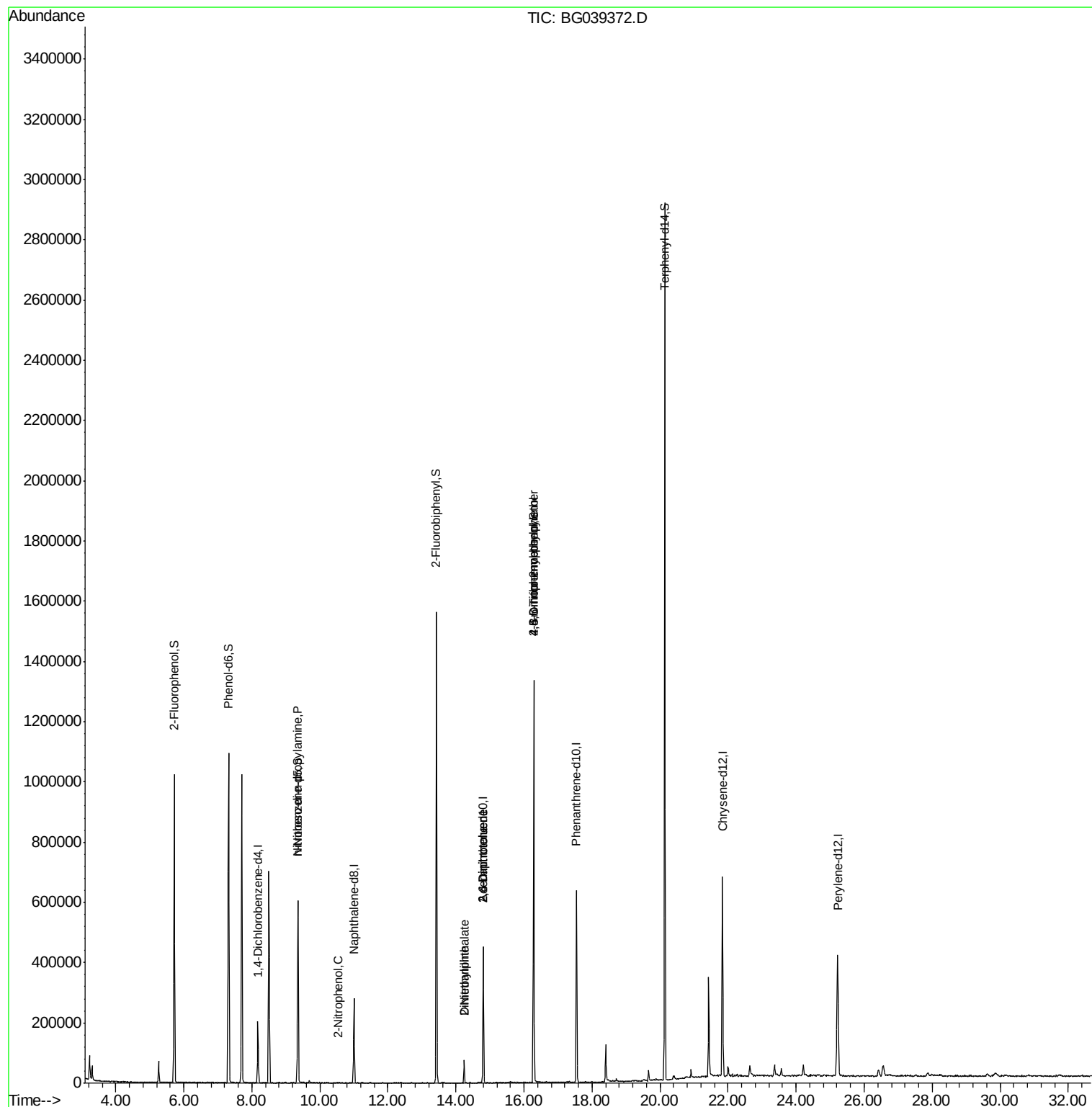
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	7.31	77	1181	Below Cal		# 4
19) n-Nitroso-di-n-propylamine	9.35	70	46655	13.731	ng	# 69
26) 2-Nitrophenol	10.54	139	65	4.052	ng	# 31
48) 2-Nitroaniline	14.24	65	539	8.453	ng	# 1
50) Dimethylphthalate	14.24	163	49723	3.898	ng	99
51) 2,6-Dinitrotoluene	14.80	165	20254	13.894	ng	# 25
57) 2,4-Dinitrotoluene	14.80	165	20254	13.377	ng	# 20
65) 4,6-Dinitro-2-methylphenol	16.28	198	663	4.715	ng	# 1
67) 4-Bromophenyl-phenylether	16.28	248	18207	4.170	ng	# 1

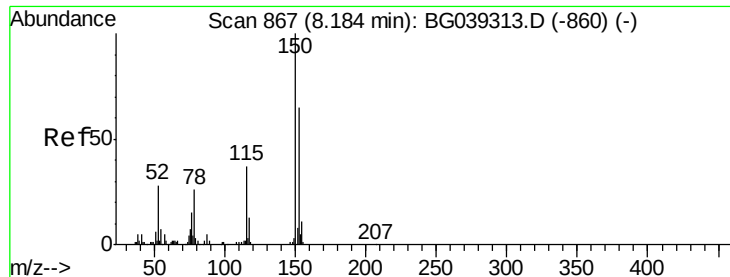
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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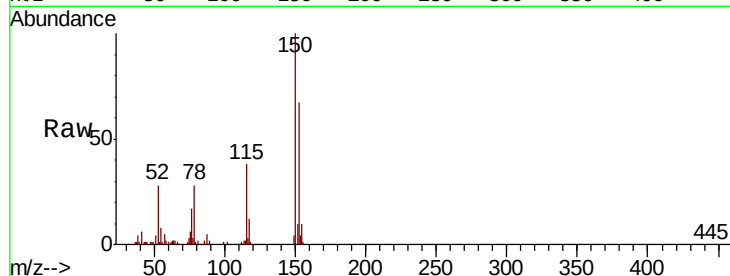


#1

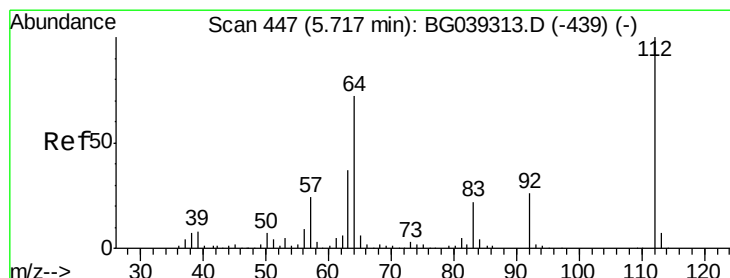
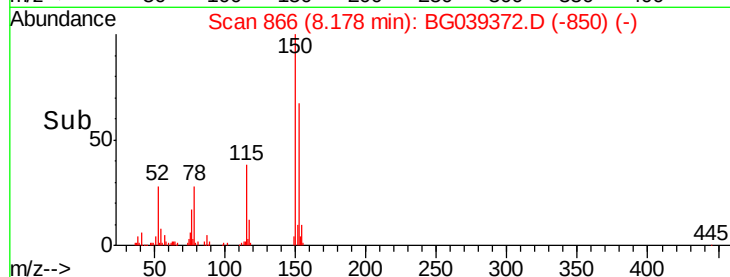
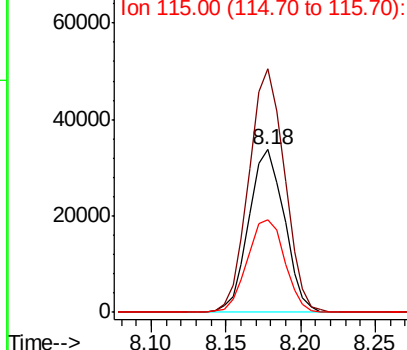
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.18 min Scan# 866
Delta R.T. -0.01 min
Lab File: BG039372.D
Acq: 6 Feb 2019 15:58

Instrument :
BNA_G
ClientSampleId :
A0C5B-SS2-0.0-0.5

Tgt Ion:152 Resp: 55661
Ion Ratio Lower Upper
152 100
150 149.8 123.7 185.5
115 56.9 45.9 68.9



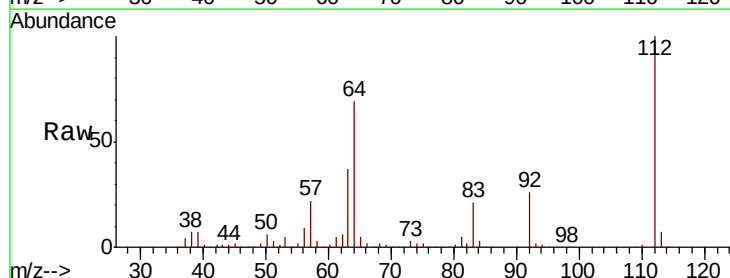
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



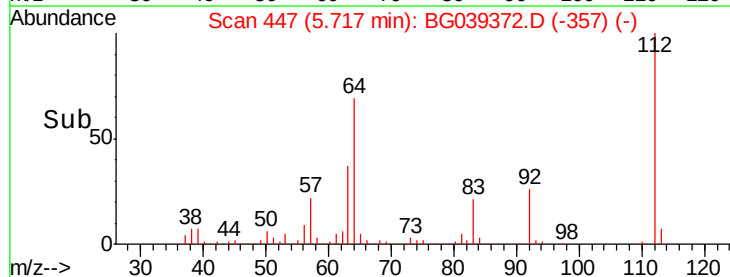
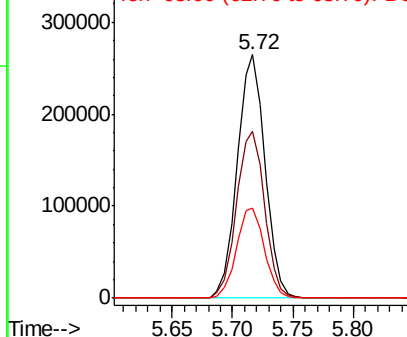
#5

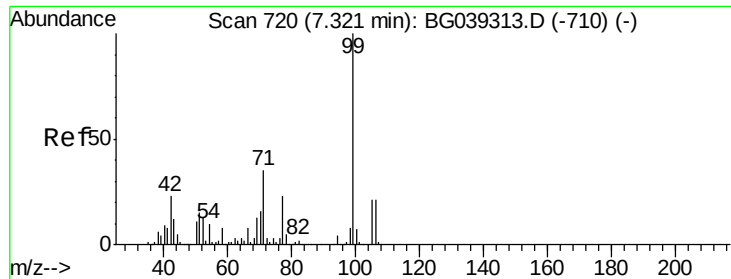
2-Fluorophenol
Concen: 130.634 ng
RT: 5.72 min Scan# 447
Delta R.T. -0.00 min
Lab File: BG039372.D
Acq: 6 Feb 2019 15:58

Tgt Ion:112 Resp: 424843
Ion Ratio Lower Upper
112 100
64 68.6 57.8 86.8
63 37.0 29.8 44.6



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: 129.027 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG039372.D

Acq: 6 Feb 2019 15:58

Instrument :

BNA_G

ClientSampleId :

A0C5B-SS2-0.0-0.5

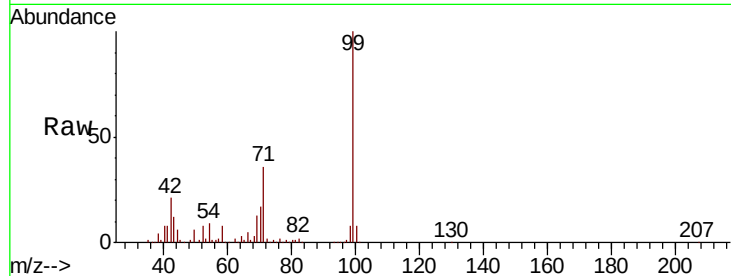
Tgt Ion: 99 Resp: 617666

Ion Ratio Lower Upper

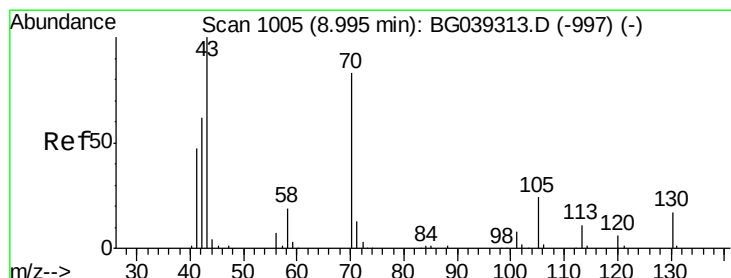
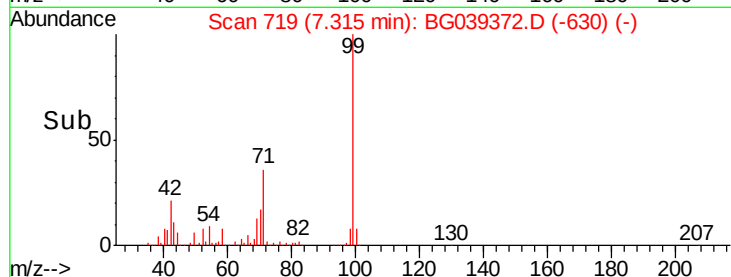
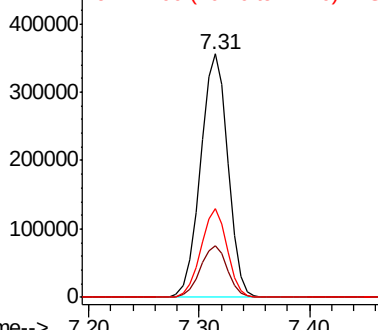
99 100

42 21.2 18.2 27.2

71 36.5 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



#19

n-Nitroso-di-n-propylamine

Concen: 13.731 ng

RT: 9.35 min Scan# 1066

Delta R.T. 0.36 min

Lab File: BG039372.D

Acq: 6 Feb 2019 15:58

Tgt Ion: 70 Resp: 46655

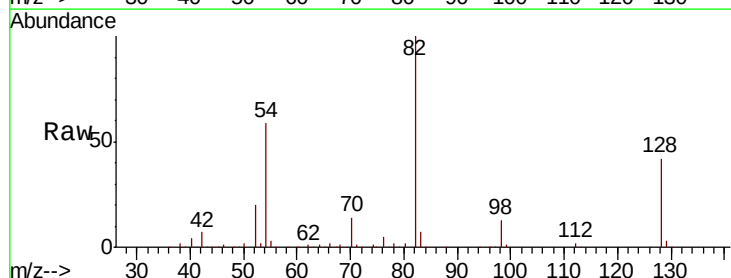
Ion Ratio Lower Upper

70 100

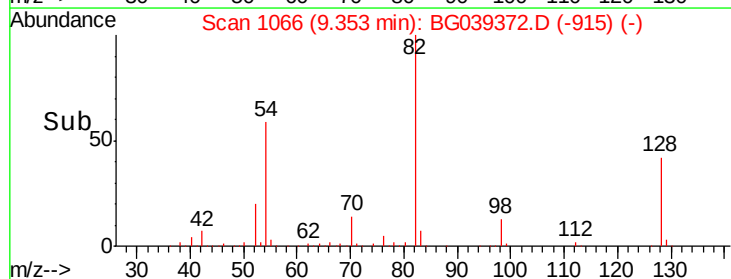
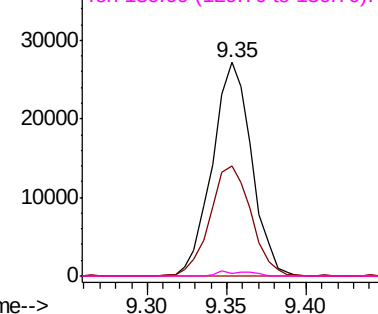
42 51.3 60.4 90.6#

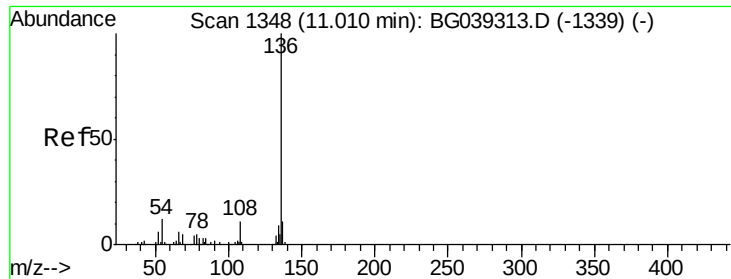
101 0.0 7.5 11.3#

130 1.3 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

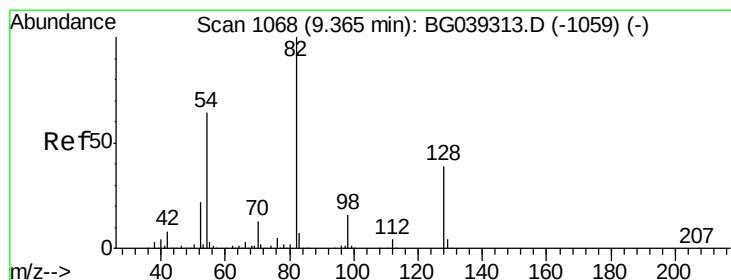
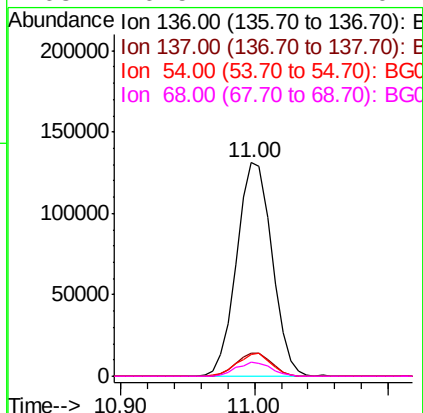
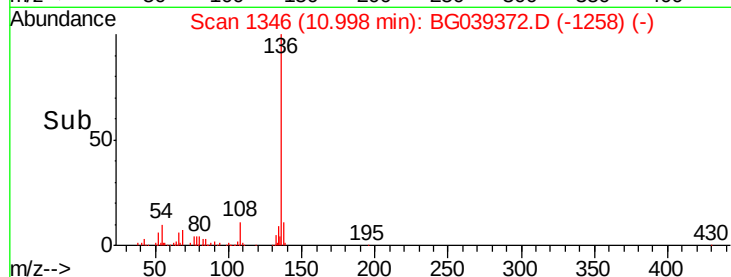
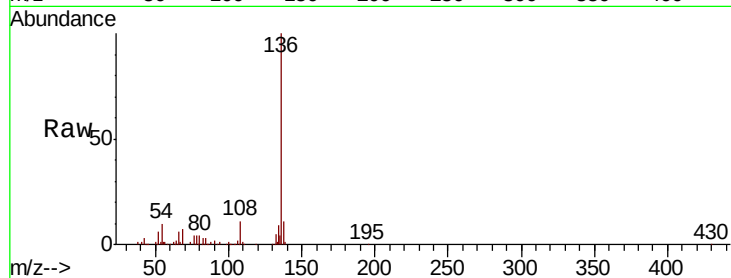




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.00 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BG039372.D
Acq: 6 Feb 2019 15:58

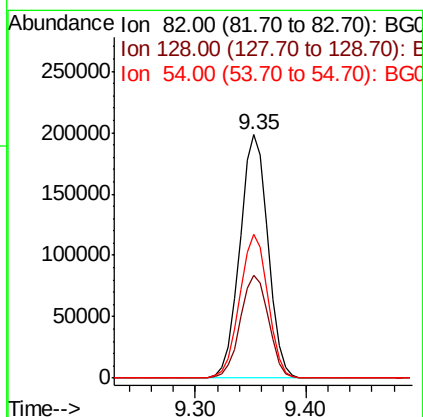
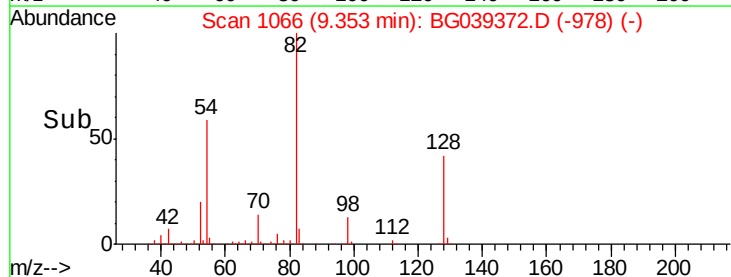
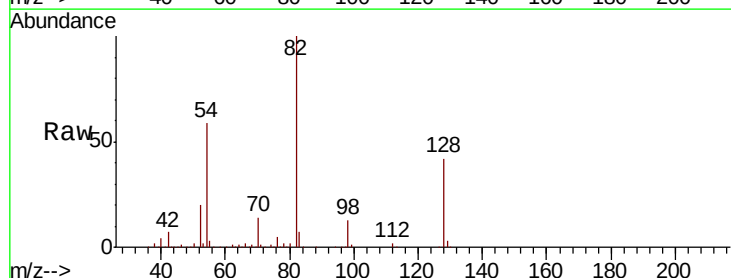
Instrument :
BNA_G
ClientSampleId :
A0C5B-SS2-0.0-0.5

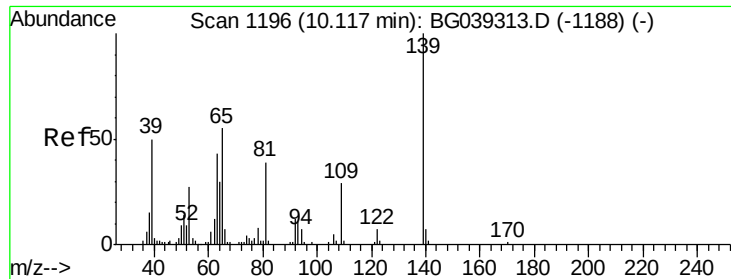
Tgt Ion:	136	Resp:	240981
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	10.4	9.4	14.2
68	6.5	4.2	6.4#



#23
Nitrobenzene-d5
Concen: 91.935 ng
RT: 9.35 min Scan# 1066
Delta R.T. -0.01 min
Lab File: BG039372.D
Acq: 6 Feb 2019 15:58

Tgt Ion:	82	Resp:	354635
Ion	Ratio	Lower	Upper
82	100		
128	42.0	31.3	46.9
54	59.3	50.9	76.3





#26

2-Nitrophenol

Concen: 4.052 ng

RT: 10.54 min Scan# 1268

Delta R.T. 0.42 min

Lab File: BG039372.D

Acq: 6 Feb 2019 15:58

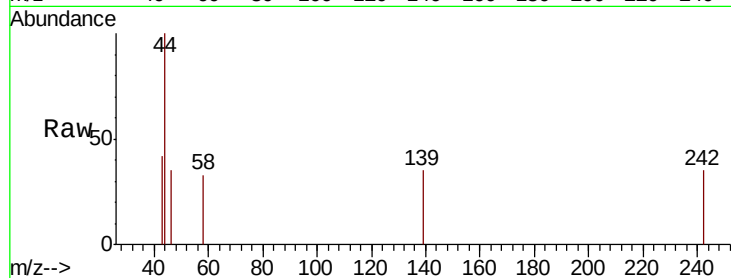
Instrument :

BNA_G

ClientSampleId :

A0C5B-SS2-0.0-0.5

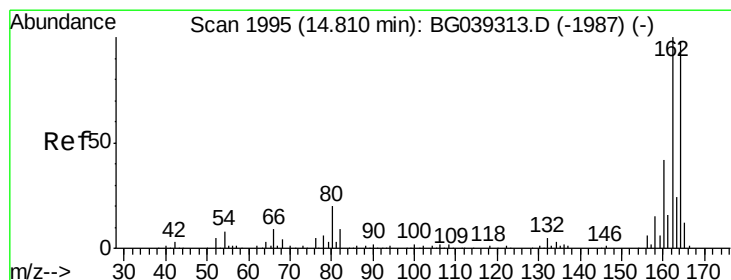
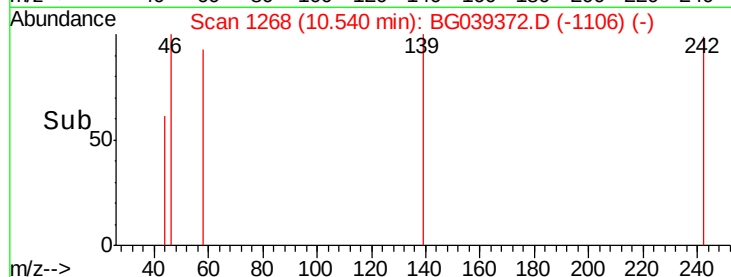
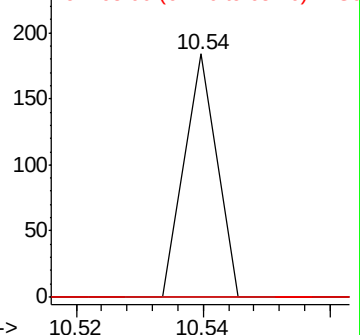
Tgt Ion:	139	Resp:	65
Ion	Ratio	Lower	Upper
139	100		
109	0.0	23.4	35.0#
65	0.0	44.3	66.5#



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): BGC



#39

Acenaphthene-d10

Concen: 20.000 ng

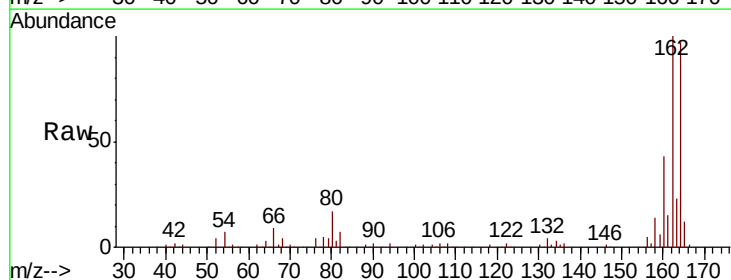
RT: 14.80 min Scan# 1993

Delta R.T. -0.01 min

Lab File: BG039372.D

Acq: 6 Feb 2019 15:58

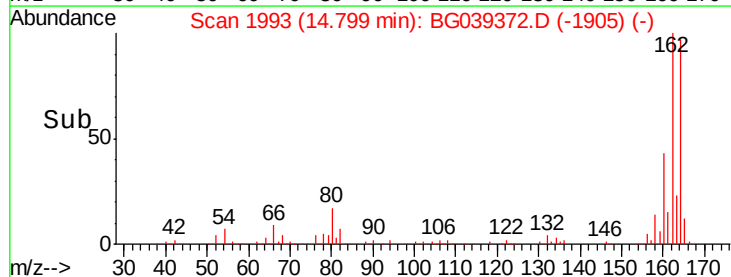
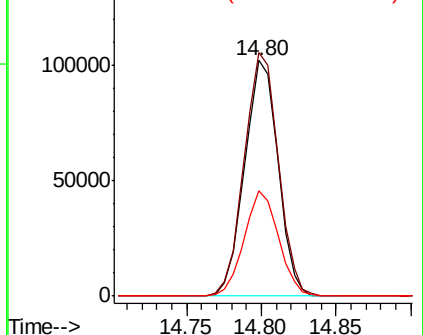
Tgt Ion:	164	Resp:	157932
Ion	Ratio	Lower	Upper
164	100		
162	103.4	81.6	122.4
160	44.8	34.2	51.2

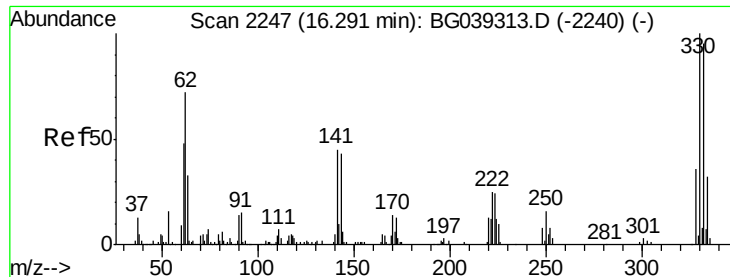


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

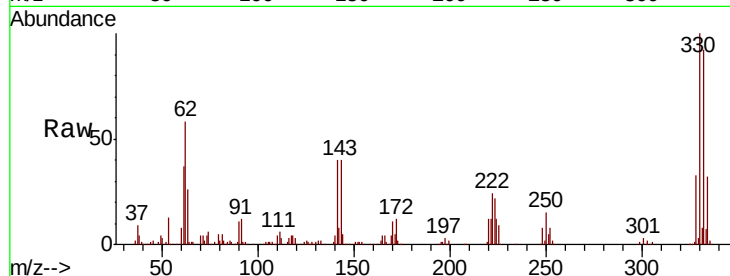




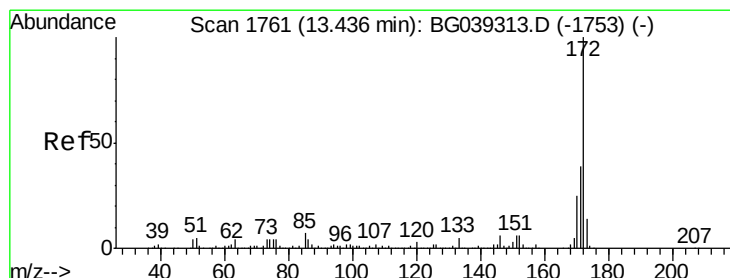
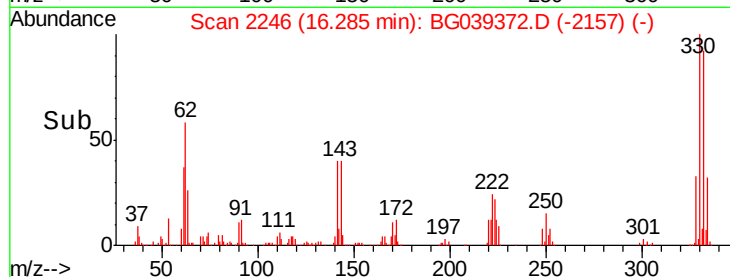
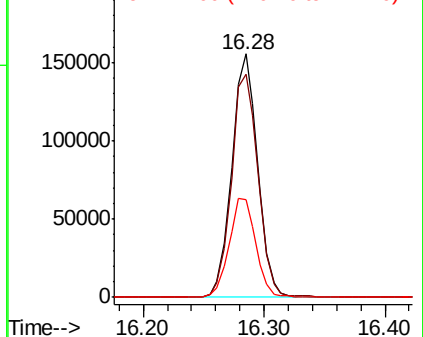
#42
 2,4,6-Tribromophenol
 Concen: 136.445 ng
 RT: 16.28 min Scan# 2246
 Delta R.T. -0.01 min
 Lab File: BG039372.D
 Acq: 6 Feb 2019 15:58

Instrument :
 BNA_G
 ClientSampleId :
 A0C5B-SS2-0.0-0.5

Tgt Ion:330 Resp: 232047
 Ion Ratio Lower Upper
 330 100
 332 94.6 75.7 113.5
 141 42.0 35.6 53.4

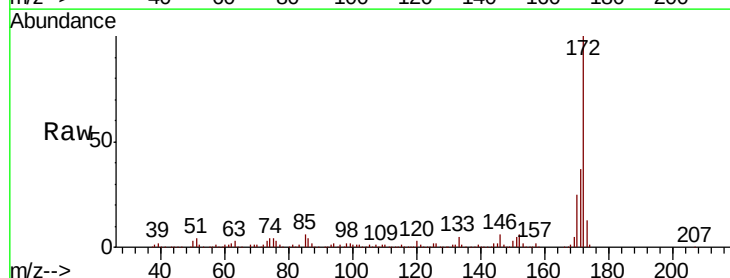


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

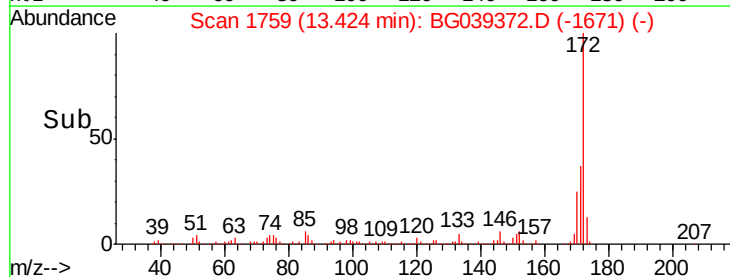
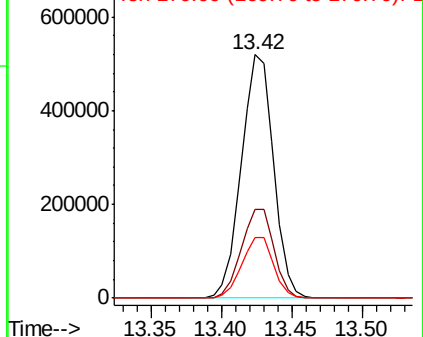


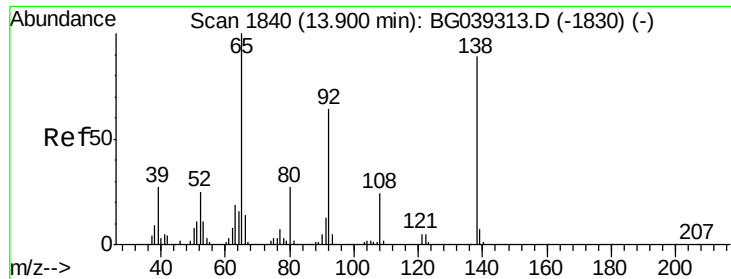
#45
 2-Fluorobiphenyl
 Concen: 75.093 ng
 RT: 13.42 min Scan# 1759
 Delta R.T. -0.01 min
 Lab File: BG039372.D
 Acq: 6 Feb 2019 15:58

Tgt Ion:172 Resp: 826713
 Ion Ratio Lower Upper
 172 100
 171 36.5 30.8 46.2
 170 25.1 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

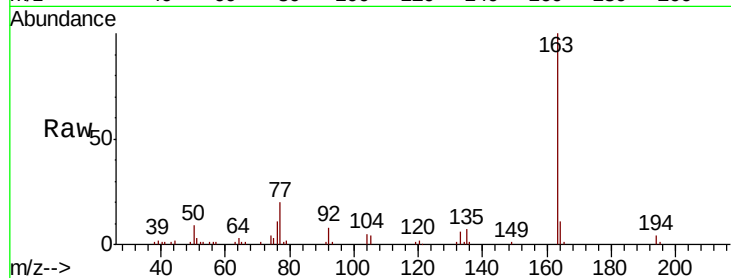




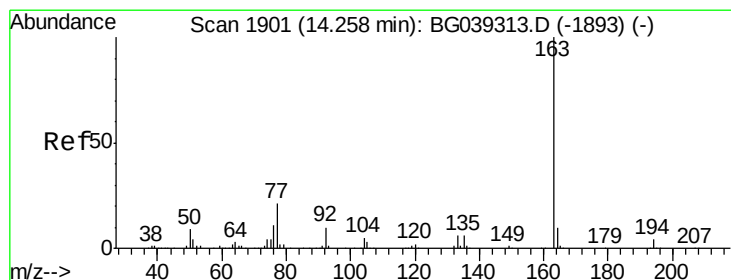
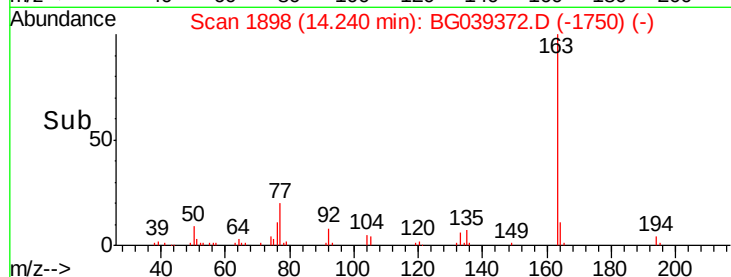
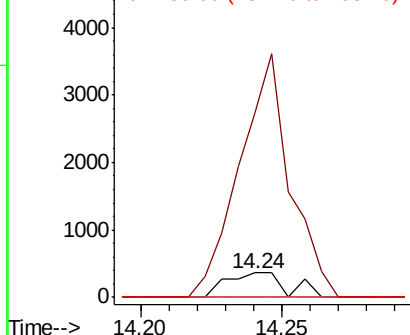
#48
2-Nitroaniline
Concen: 8.453 ng
RT: 14.24 min Scan# 1898
Delta R.T. 0.34 min
Lab File: BG039372.D
Acq: 6 Feb 2019 15:58

Instrument :
BNA_G
ClientSampleId :
A0C5B-SS2-0.0-0.5

Tgt Ion: 65 Resp: 539
Ion Ratio Lower Upper
65 100
92 749.0 51.4 77.2#
138 0.0 71.4 107.2#

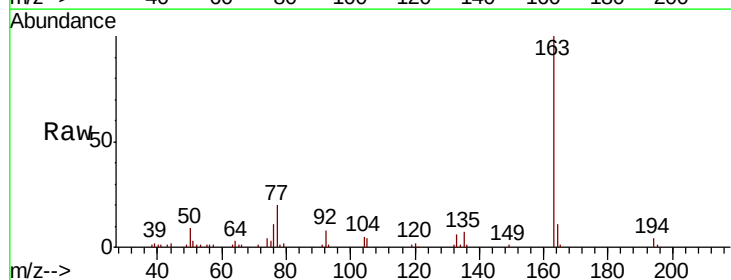


Abundance Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG
Ion 138.00 (137.70 to 138.70): E

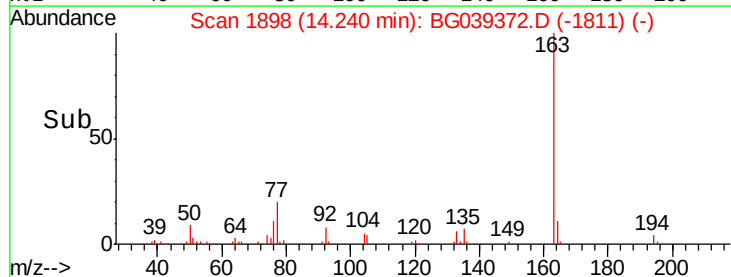
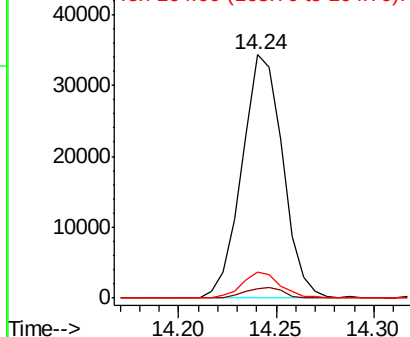


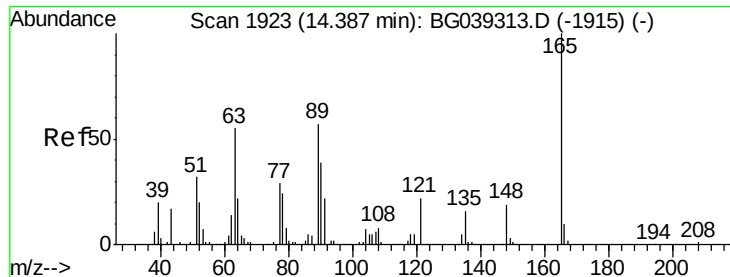
#50
Dimethylphthalate
Concen: 3.898 ng
RT: 14.24 min Scan# 1898
Delta R.T. -0.02 min
Lab File: BG039372.D
Acq: 6 Feb 2019 15:58

Tgt Ion: 163 Resp: 49723
Ion Ratio Lower Upper
163 100
194 4.0 3.6 5.4
164 10.7 8.4 12.6



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

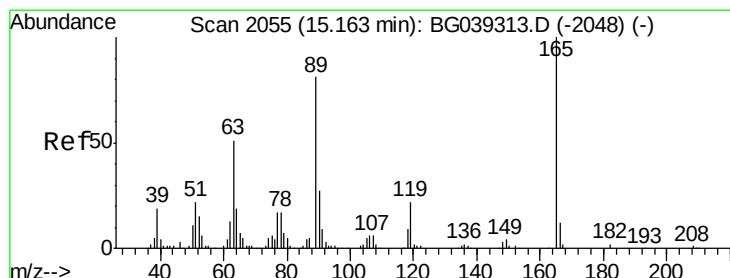
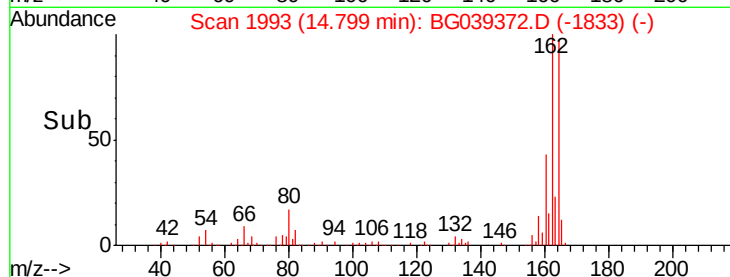
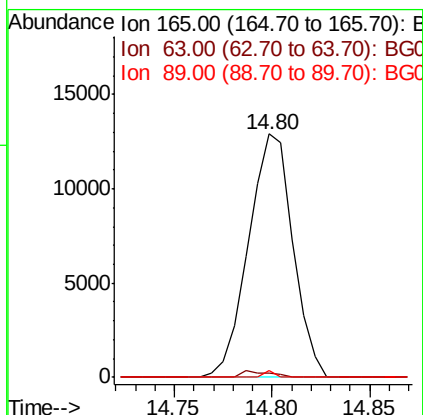
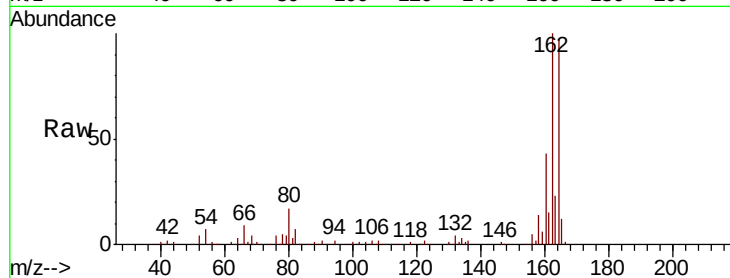




#51
 2,6-Dinitrotoluene
 Concen: 13.894 ng
 RT: 14.80 min Scan# 1993
 Delta R.T. 0.41 min
 Lab File: BG039372.D
 Acq: 6 Feb 2019 15:58

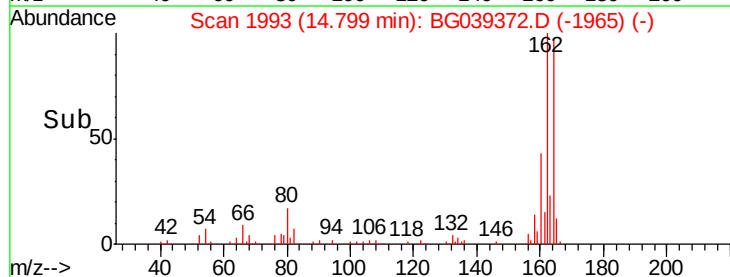
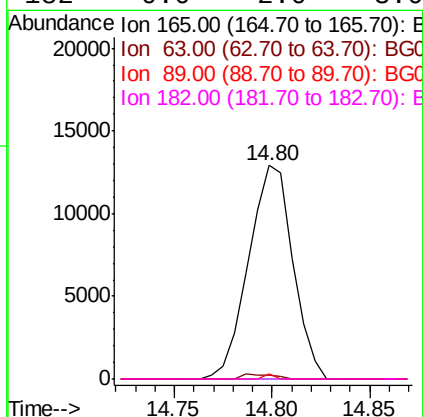
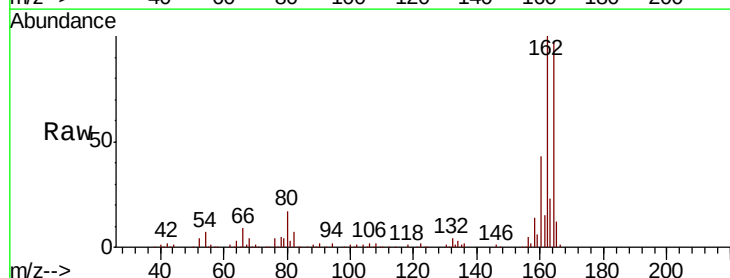
Instrument :
 BNA_G
 ClientSampleId :
 A0C5B-SS2-0.0-0.5

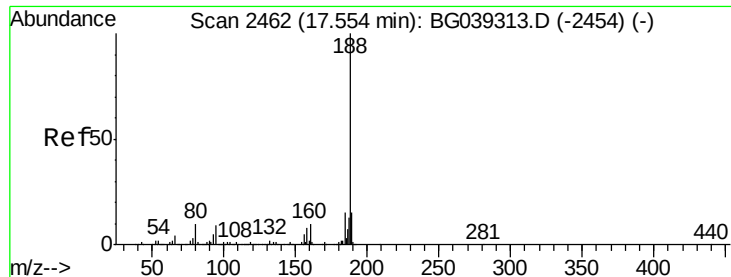
Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.0	47.0	70.6#
89	2.6	45.8	68.8#



#57
 2,4-Dinitrotoluene
 Concen: 13.377 ng
 RT: 14.80 min Scan# 1993
 Delta R.T. -0.36 min
 Lab File: BG039372.D
 Acq: 6 Feb 2019 15:58

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.0	41.0	61.6#
89	2.6	64.6	96.8#
182	0.0	2.0	3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.54 min Scan# 2460

Delta R.T. -0.01 min

Lab File: BG039372.D

Acq: 6 Feb 2019 15:58

Instrument :

BNA_G

ClientSampleId :

A0C5B-SS2-0.0-0.5

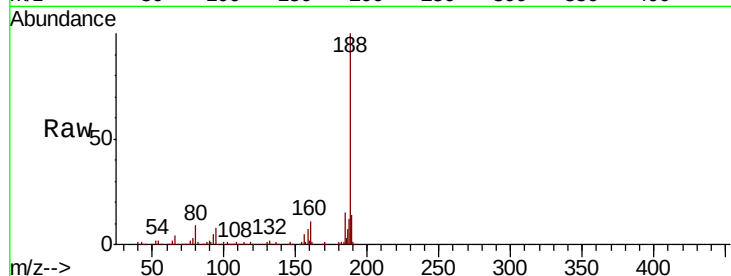
Tgt Ion:188 Resp: 393565

Ion Ratio Lower Upper

188 100

94 8.4 6.9 10.3

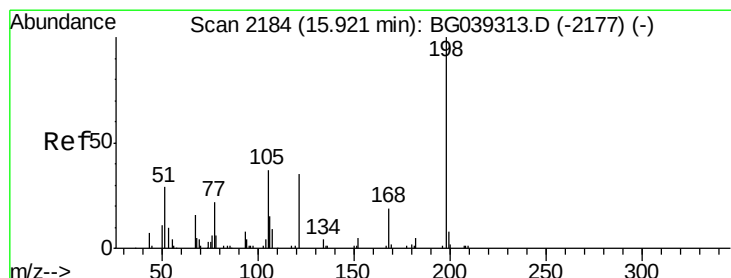
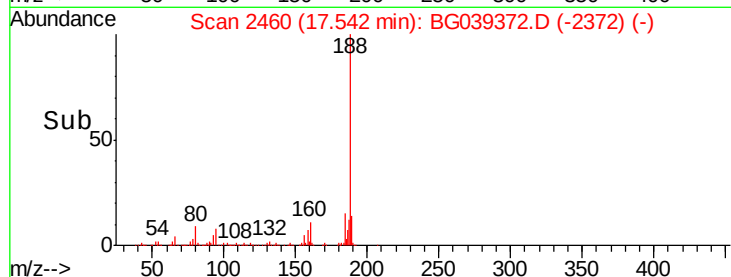
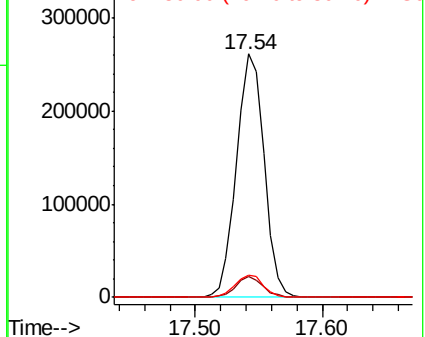
80 9.0 8.1 12.1



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0



#65

4,6-Dinitro-2-methylphenol

Concen: 4.715 ng

RT: 16.28 min Scan# 2246

Delta R.T. 0.36 min

Lab File: BG039372.D

Acq: 6 Feb 2019 15:58

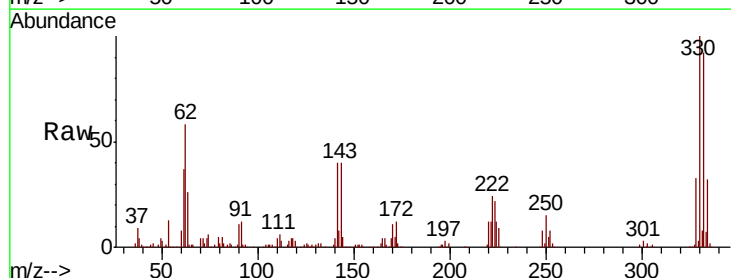
Tgt Ion:198 Resp: 663

Ion Ratio Lower Upper

198 100

51 101.2 27.4 67.4#

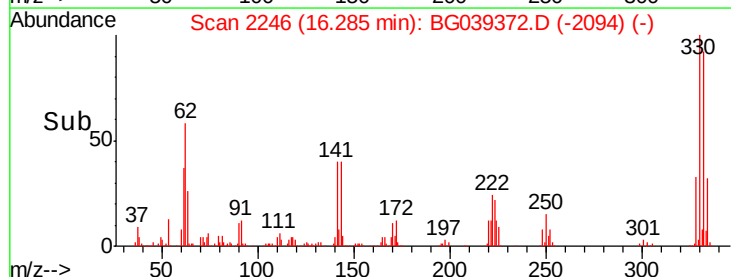
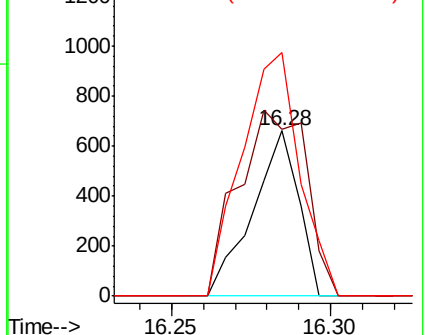
105 147.1 19.7 59.7#

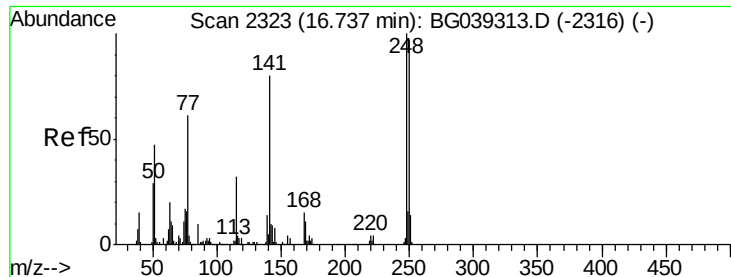


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG0

Ion 105.00 (104.70 to 105.70): E

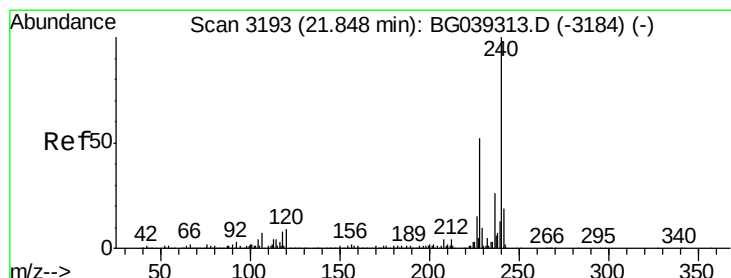
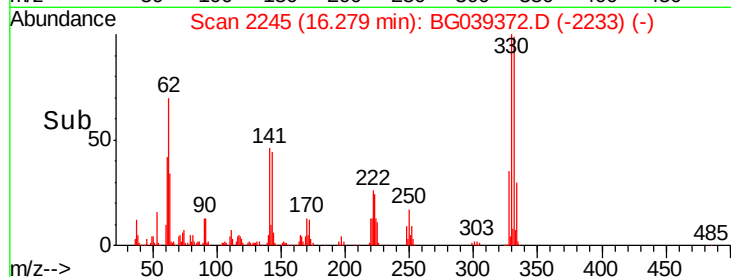
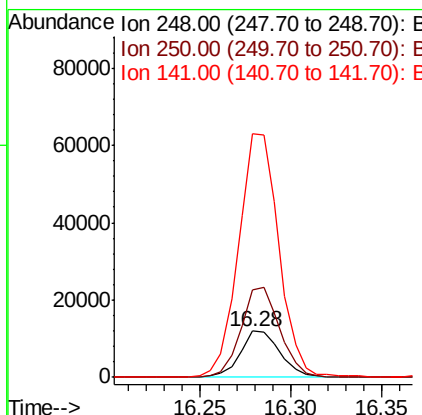
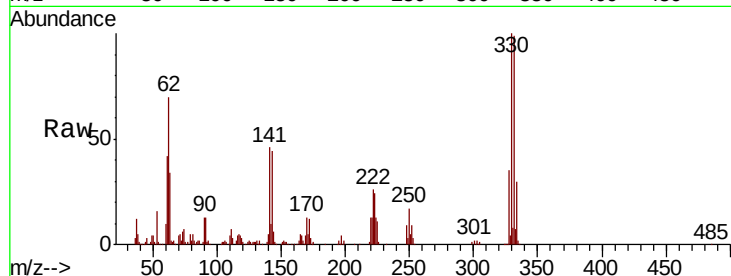




#67
 4-Bromophenyl-phenylether
 Concen: 4.170 ng
 RT: 16.28 min Scan# 2245
 Delta R.T. -0.46 min
 Lab File: BG039372.D
 Acq: 6 Feb 2019 15:58

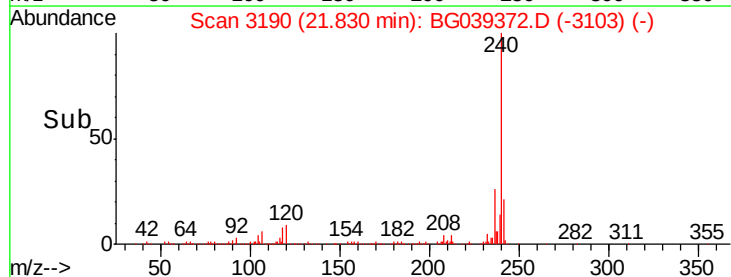
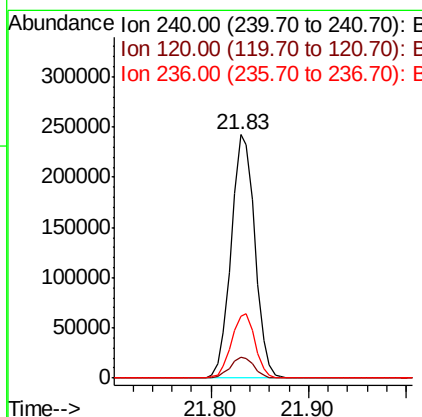
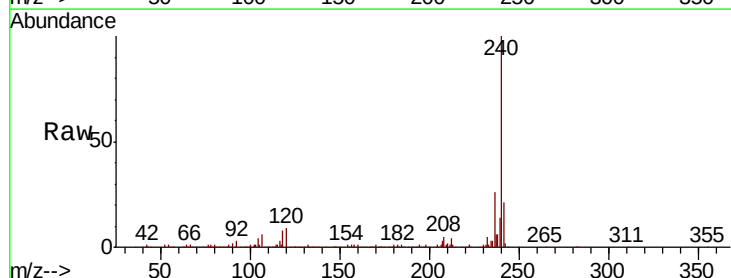
Instrument :
 BNA_G
 ClientSampleId :
 A0C5B-SS2-0.0-0.5

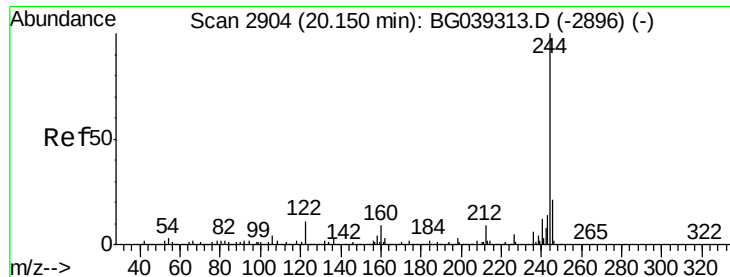
Tgt Ion:248 Resp: 18207
 Ion Ratio Lower Upper
 248 100
 250 191.0 77.6 116.4#
 141 529.2 63.9 95.9#



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.83 min Scan# 3190
 Delta R.T. -0.02 min
 Lab File: BG039372.D
 Acq: 6 Feb 2019 15:58

Tgt Ion:240 Resp: 408286
 Ion Ratio Lower Upper
 240 100
 120 8.8 7.0 10.6
 236 25.6 21.0 31.4





#79

Terphenyl-d14

Concen: 67.860 ng

RT: 20.14 min Scan# 2902

Delta R.T. -0.01 min

Lab File: BG039372.D

Acq: 6 Feb 2019 15:58

Instrument :

BNA_G

ClientSampleId :

A0C5B-SS2-0.0-0.5

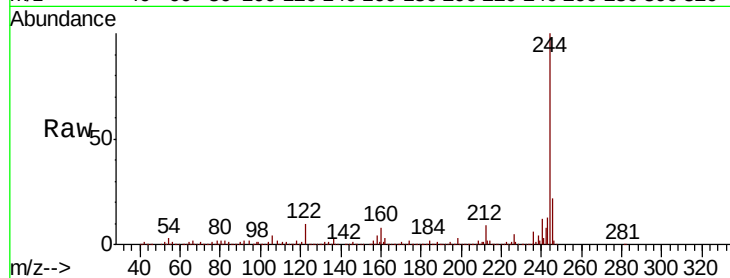
Tgt Ion:244 Resp: 1308945

Ion Ratio Lower Upper

244 100

212 9.1 7.3 10.9

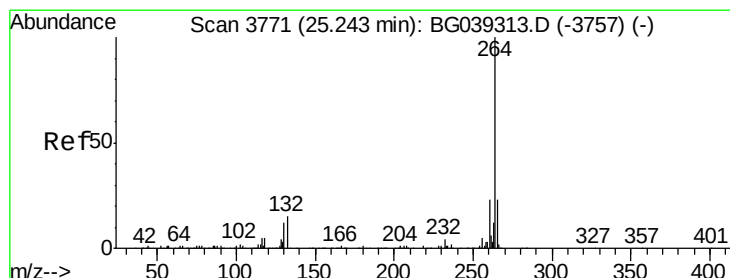
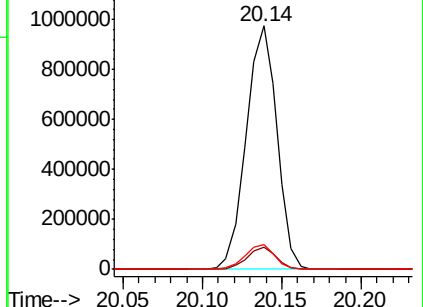
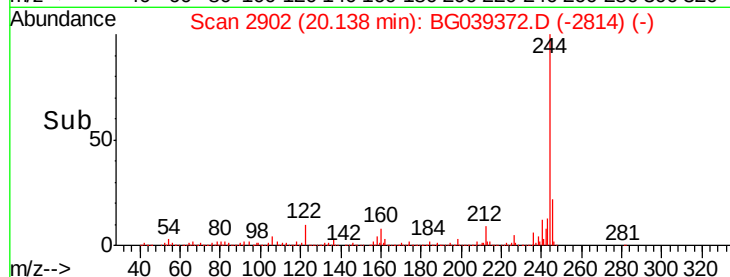
122 10.1 8.4 12.6



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: 25.22 min Scan# 3767

Delta R.T. -0.02 min

Lab File: BG039372.D

Acq: 6 Feb 2019 15:58

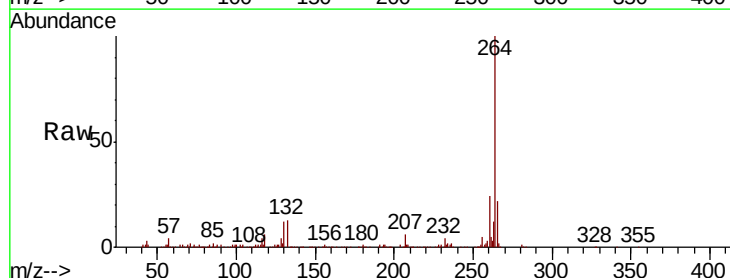
Tgt Ion:264 Resp: 417761

Ion Ratio Lower Upper

264 100

260 24.0 18.2 27.4

265 21.7 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

