

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG021519\
 Data File : BG039526.D
 Acq On : 15 Feb 2019 18:06
 Operator : JU/SJ
 Sample : K1346-08
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-021419-A

Quant Time: Feb 16 03:17:24 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

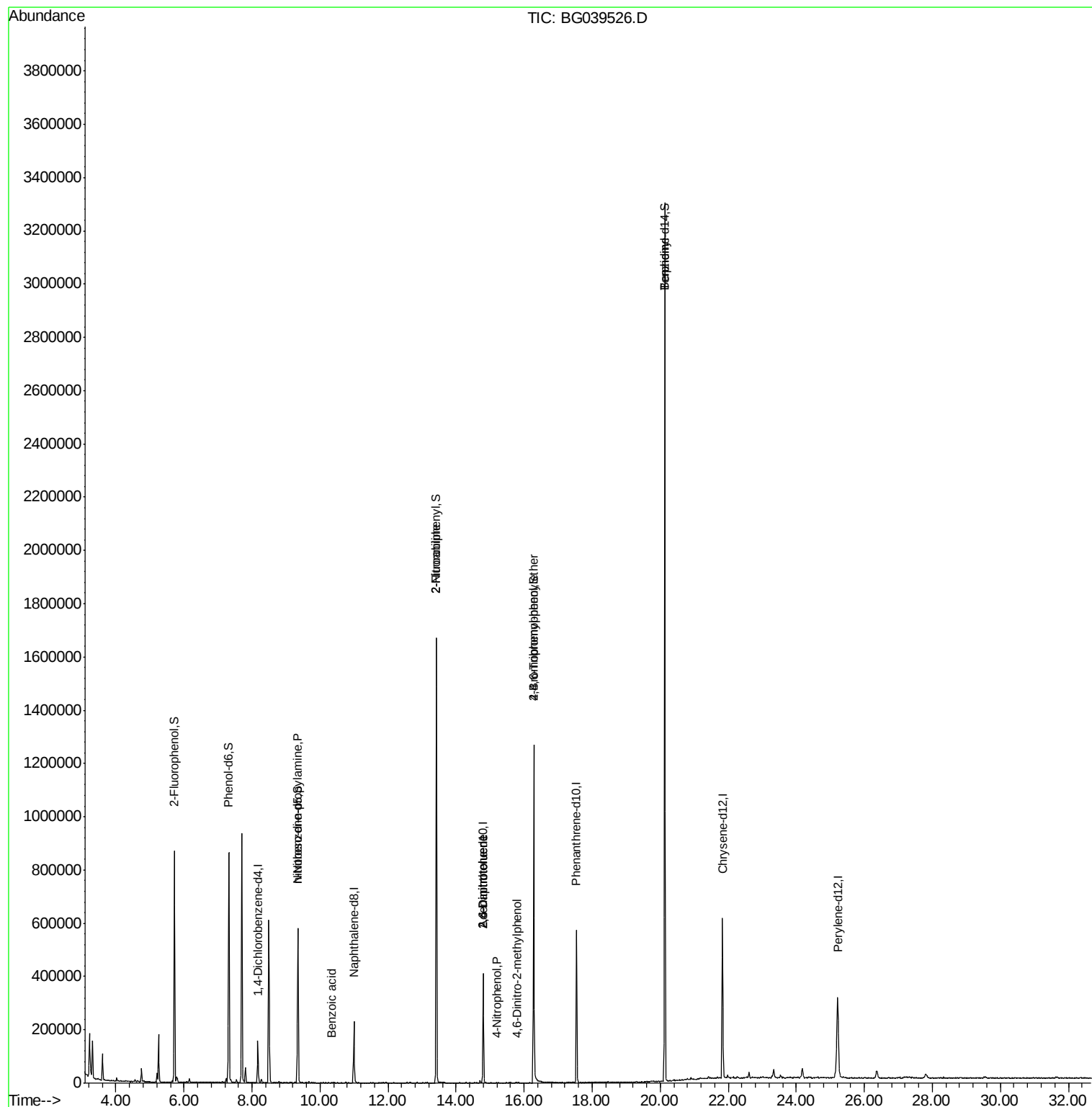
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	43750	20.00	ng	-0.02
21) Naphthalene-d8	10.99	136	196147	20.00	ng	-0.02
39) Acenaphthene-d10	14.79	164	145120	20.00	ng	-0.02
64) Phenanthrene-d10	17.54	188	365783	20.00	ng	-0.02
76) Chrysene-d12	21.83	240	375104	20.00	ng	-0.02
87) Perylene-d12	25.22	264	367710	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	371193	145.21	ng	0.00
7) Phenol-d6	7.32	99	508452	135.13	ng	0.00
23) Nitrobenzene-d5	9.35	82	341712	108.83	ng	-0.01
42) 2,4,6-Tribromophenol	16.28	330	218216	139.64	ng	0.00
45) 2-Fluorobiphenyl	13.42	172	877973	86.79	ng	-0.02
79) Terphenyl-d14	20.13	244	1484228	83.75	ng	-0.02
Target Compounds						
9) Benzaldehyde	7.32	77	1440	Below Cal		Qvalue
19) n-Nitroso-di-n-propylamine	9.35	70	46838	17.538	ng	# 43
32) Benzoic acid	10.35	122	63	9.049	ng	# 70
48) 2-Nitroaniline	13.42	65	1573	8.795	ng	# 1
51) 2,6-Dinitrotoluene	14.79	165	18707	13.932	ng	# 1
56) 4-Nitrophenol	15.19	139	255	5.905	ng	# 23
57) 2,4-Dinitrotoluene	14.79	165	18707	13.405	ng	# 1
65) 4,6-Dinitro-2-methylphenol	15.78	198	79	4.240	ng	# 18
67) 4-Bromophenyl-phenylether	16.28	248	17057	4.203	ng	# 32
77) Benzidine	20.13	184	26011	2.115	ng	# 1
						# 93

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG021519\
Data File : BG039526.D
Acq On : 15 Feb 2019 18:06
Operator : JU/SJ
Sample : K1346-08
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CL-01-021419-A

Quant Time: Feb 16 03:17:24 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



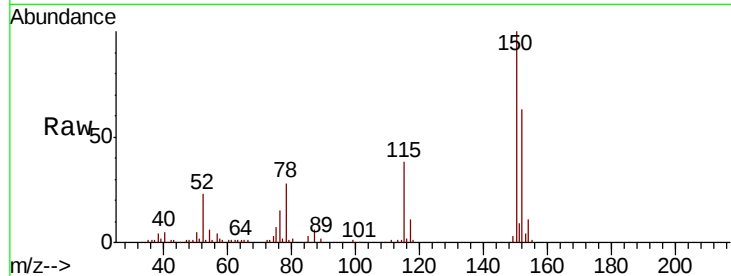


#1

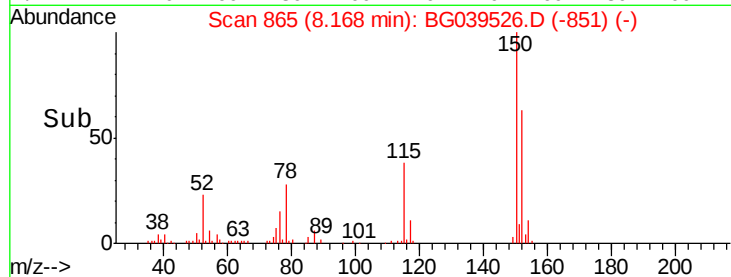
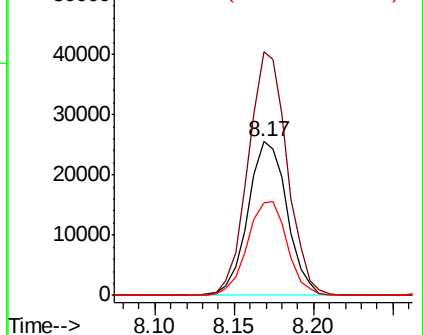
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 865
Delta R.T. -0.02 min
Lab File: BG039526.D
Acq: 15 Feb 2019 18:06

Instrument :
BNA_G
ClientSampleId :
CL-01-021419-A

Tgt Ion:152 Resp: 43750
Ion Ratio Lower Upper
152 100
150 158.4 123.7 185.5
115 59.9 45.9 68.9



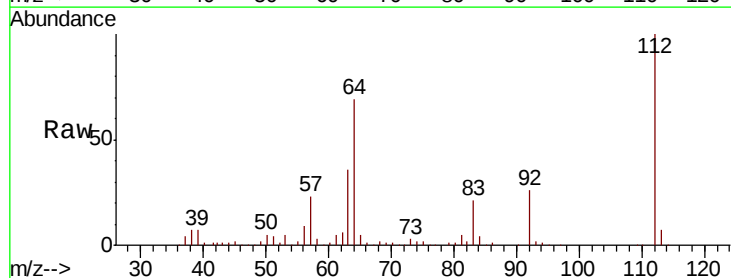
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



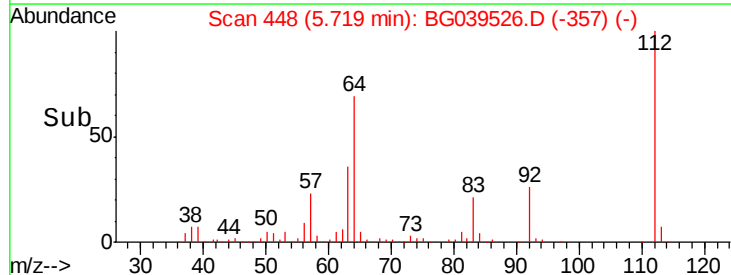
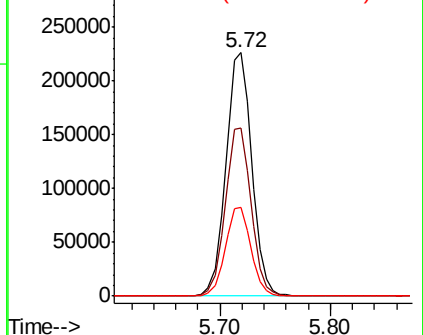
#5

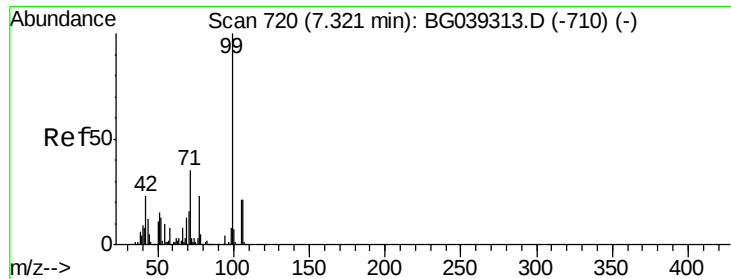
2-Fluorophenol
Concen: 145.211 ng
RT: 5.72 min Scan# 448
Delta R.T. 0.00 min
Lab File: BG039526.D
Acq: 15 Feb 2019 18:06

Tgt Ion:112 Resp: 371193
Ion Ratio Lower Upper
112 100
64 69.1 57.8 86.8
63 36.3 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: 135.130 ng

RT: 7.32 min Scan# 721

Delta R.T. 0.00 min

Lab File: BG039526.D

Acq: 15 Feb 2019 18:06

Instrument :

BNA_G

ClientSampleId :

CL-01-021419-A

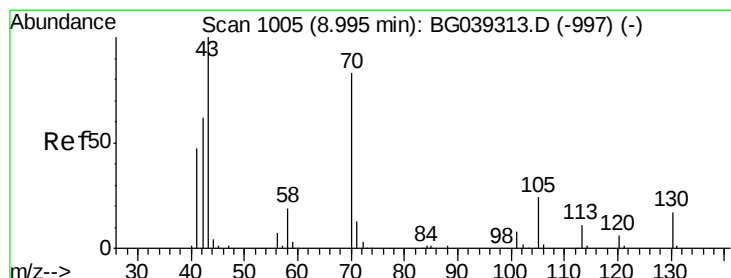
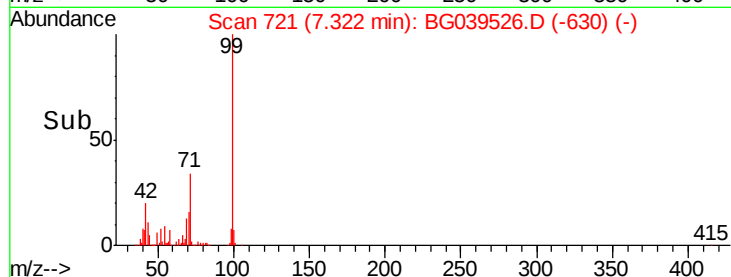
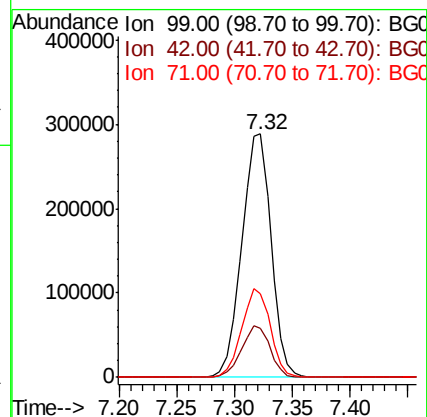
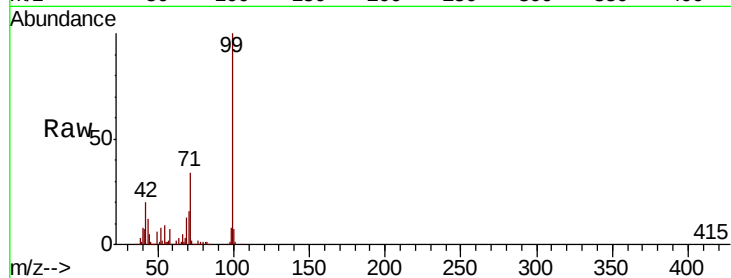
Tgt Ion: 99 Resp: 508452

Ion Ratio Lower Upper

99 100

42 20.0 18.2 27.2

71 34.4 28.0 42.0



#19

n-Nitroso-di-n-propylamine

Concen: 17.538 ng

RT: 9.35 min Scan# 1066

Delta R.T. 0.35 min

Lab File: BG039526.D

Acq: 15 Feb 2019 18:06

Tgt Ion: 70 Resp: 46838

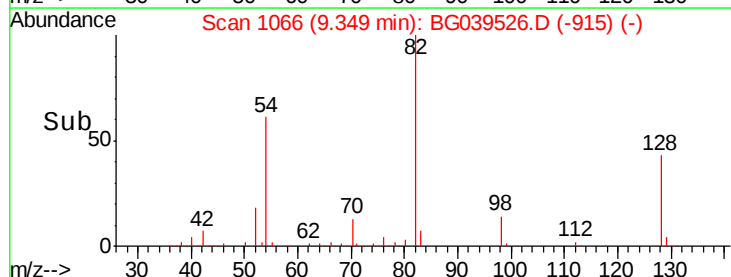
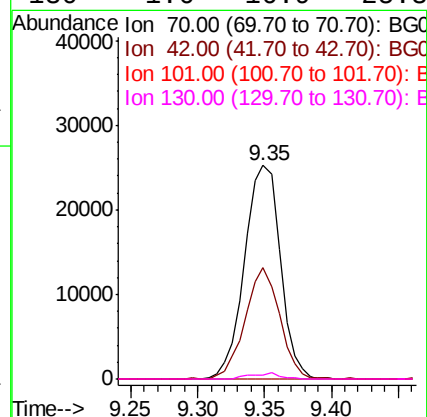
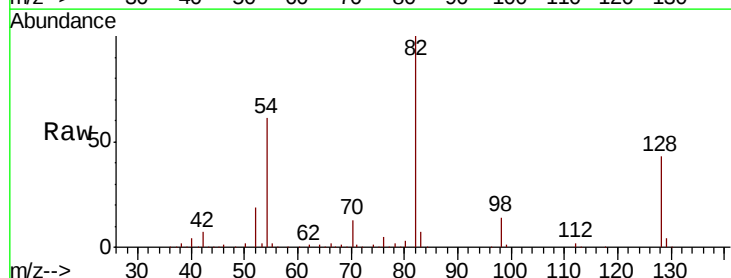
Ion Ratio Lower Upper

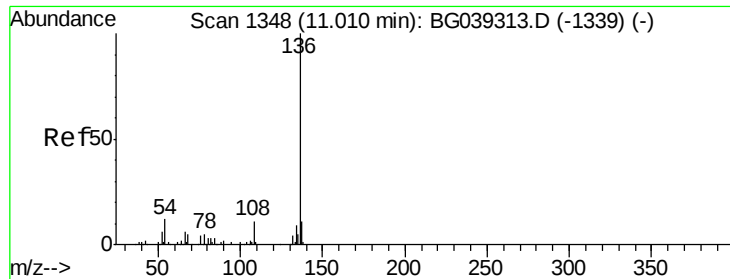
70 100

42 52.1 60.4 90.6#

101 0.0 7.5 11.3#

130 1.6 16.9 25.3#

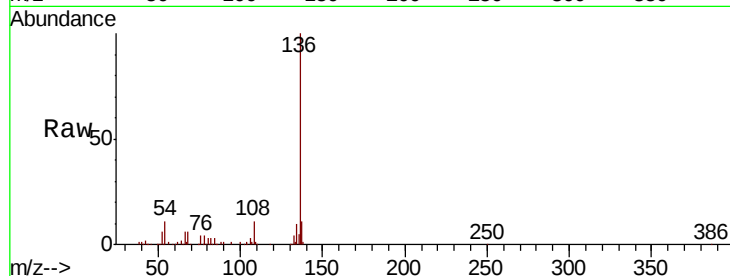




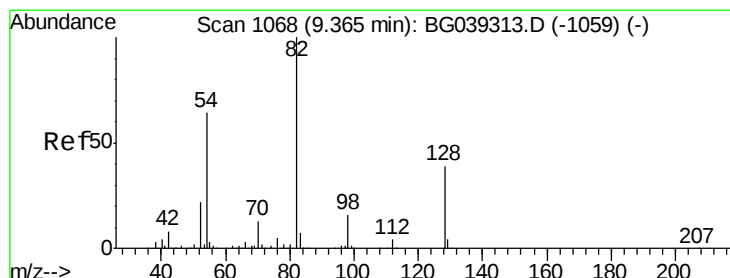
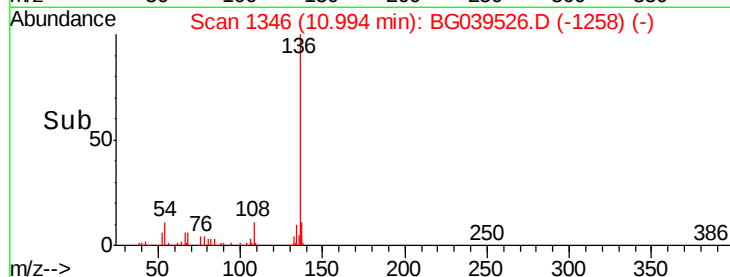
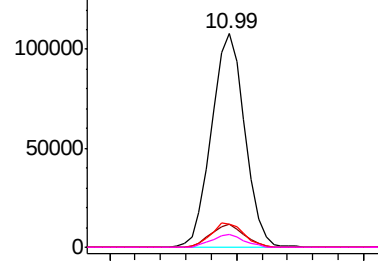
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.99 min Scan# 1346
Delta R.T. -0.02 min
Lab File: BG039526.D
Acq: 15 Feb 2019 18:06

Instrument :
BNA_G
ClientSampleId :
CL-01-021419-A

Tgt Ion:	136	Resp:	196147
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	10.9	9.4	14.2
68	6.1	4.2	6.4

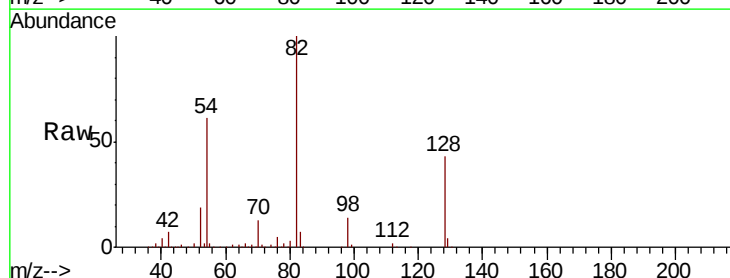


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

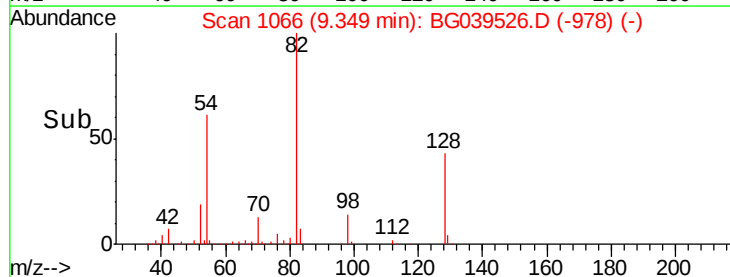
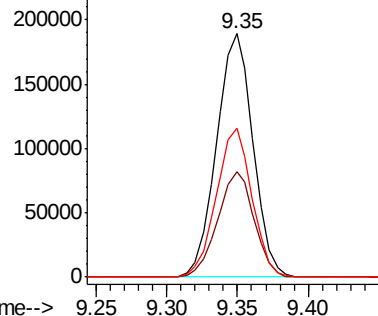


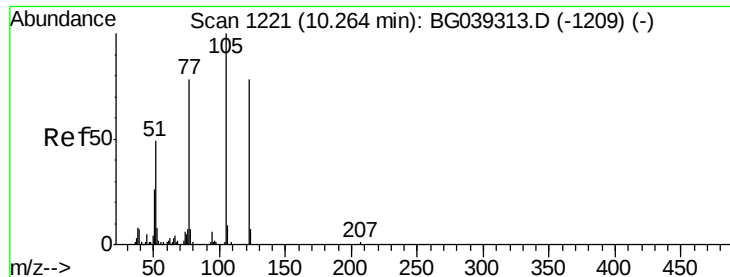
#23
Nitrobenzene-d5
Concen: 108.833 ng
RT: 9.35 min Scan# 1066
Delta R.T. -0.01 min
Lab File: BG039526.D
Acq: 15 Feb 2019 18:06

Tgt Ion:	82	Resp:	341712
Ion	Ratio	Lower	Upper
82	100		
128	43.3	31.3	46.9
54	61.0	50.9	76.3



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





#32

Benzoic acid

Concen: 9.049 ng

RT: 10.35 min Scan# 1237

Delta R.T. 0.09 min

Lab File: BG039526.D

Acq: 15 Feb 2019 18:06

Instrument :

BNA_G

ClientSampleId :

CL-01-021419-A

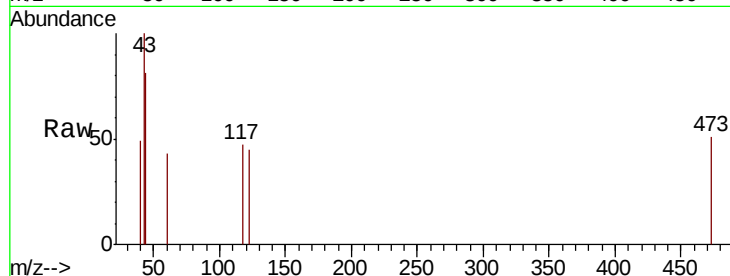
Tgt Ion:122 Resp: 63

Ion Ratio Lower Upper

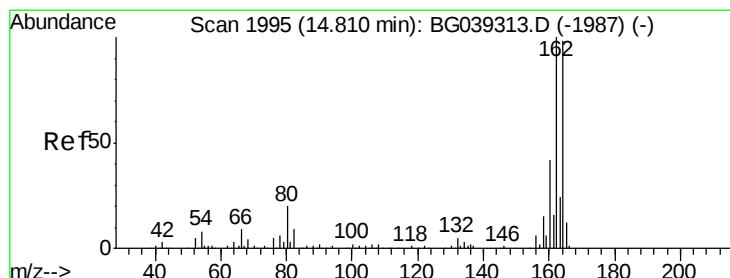
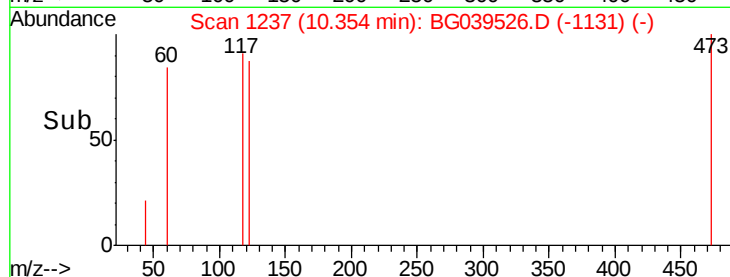
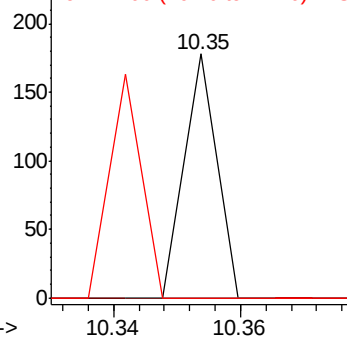
122 100

105 0.0 101.8 141.8#

77 0.0 76.3 116.3#



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BGC



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.79 min Scan# 1993

Delta R.T. -0.02 min

Lab File: BG039526.D

Acq: 15 Feb 2019 18:06

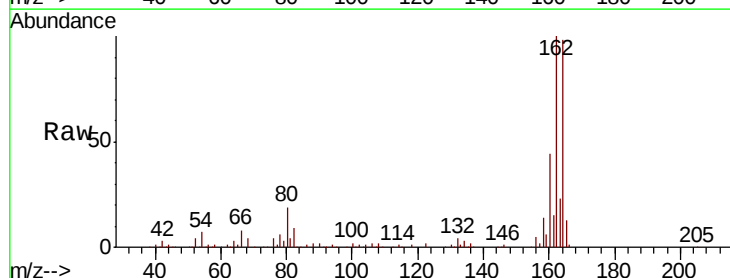
Tgt Ion:164 Resp: 145120

Ion Ratio Lower Upper

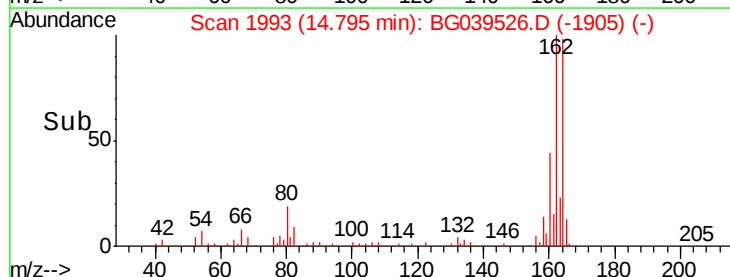
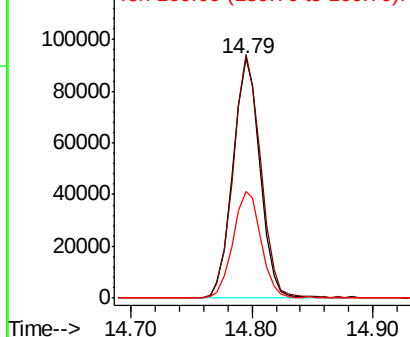
164 100

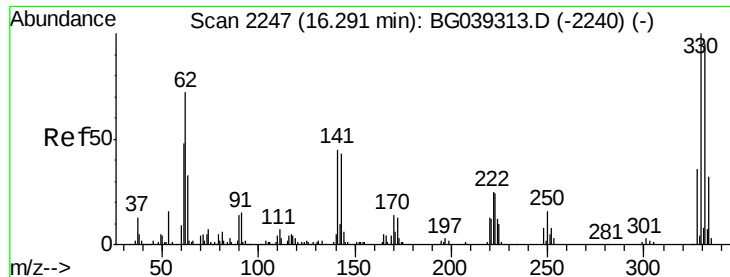
162 101.7 81.6 122.4

160 44.3 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

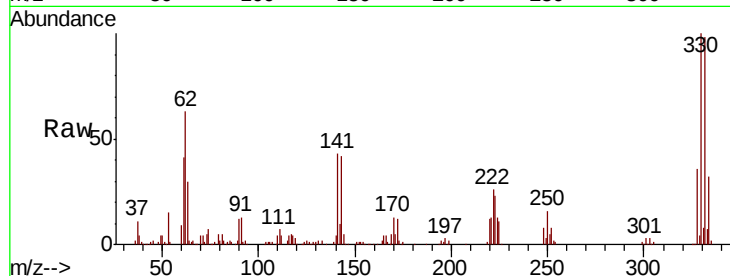




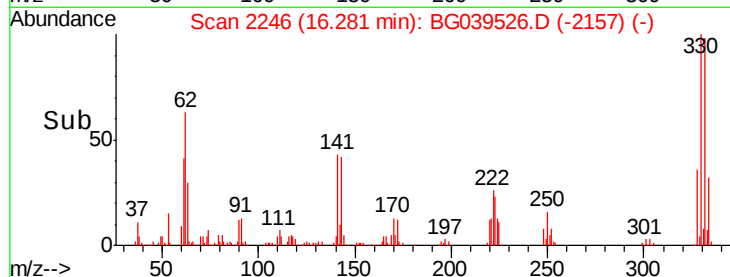
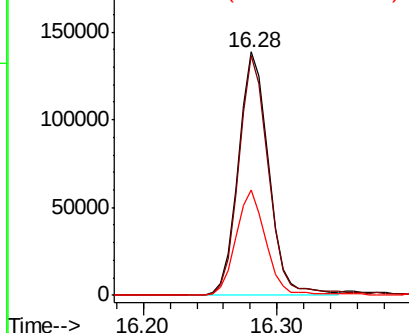
#42
 2,4,6-Tribromophenol
 Concen: 139.641 ng
 RT: 16.28 min Scan# 2246
 Delta R.T. -0.01 min
 Lab File: BG039526.D
 Acq: 15 Feb 2019 18:06

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-021419-A

Tgt Ion:330 Resp: 218216
 Ion Ratio Lower Upper
 330 100
 332 98.8 75.7 113.5
 141 42.3 35.6 53.4

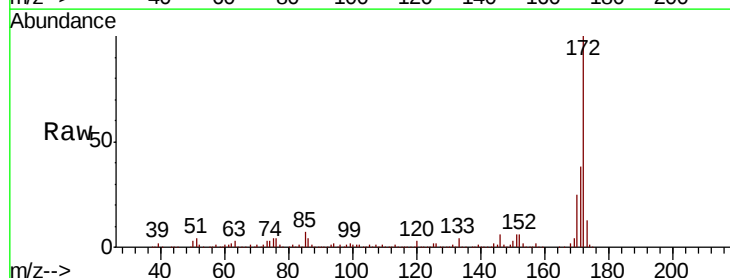


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

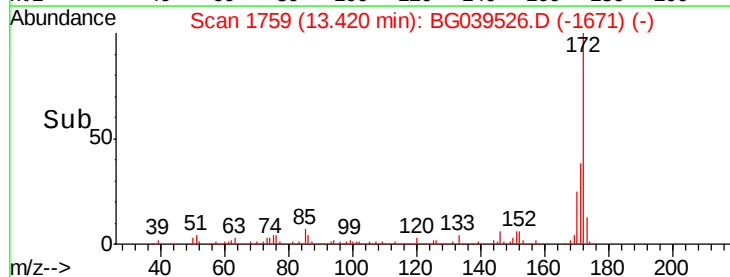
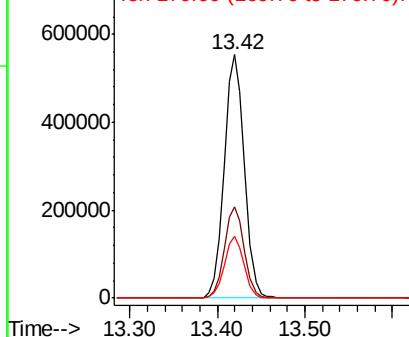


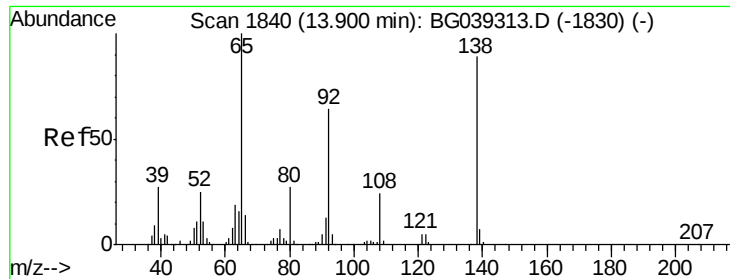
#45
 2-Fluorobiphenyl
 Concen: 86.790 ng
 RT: 13.42 min Scan# 1759
 Delta R.T. -0.02 min
 Lab File: BG039526.D
 Acq: 15 Feb 2019 18:06

Tgt Ion:172 Resp: 877973
 Ion Ratio Lower Upper
 172 100
 171 37.7 30.8 46.2
 170 25.3 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: 8.795 ng

RT: 13.42 min Scan# 1759

Delta R.T. -0.48 min

Lab File: BG039526.D

Acq: 15 Feb 2019 18:06

Instrument :

BNA_G

ClientSampleId :

CL-01-021419-A

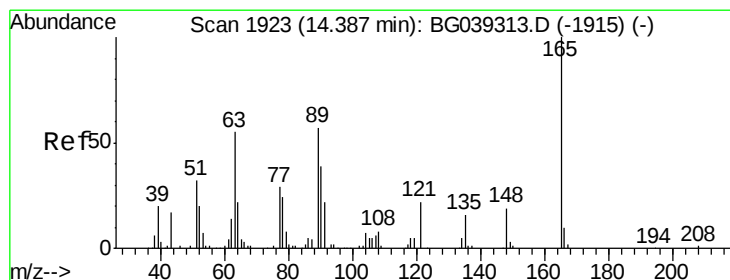
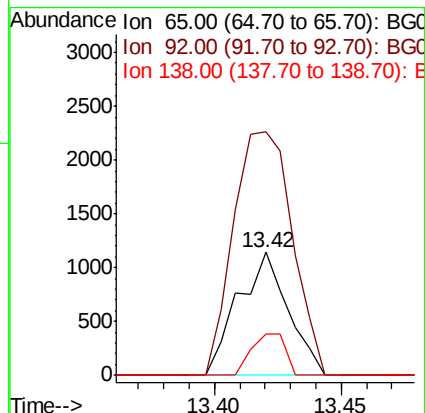
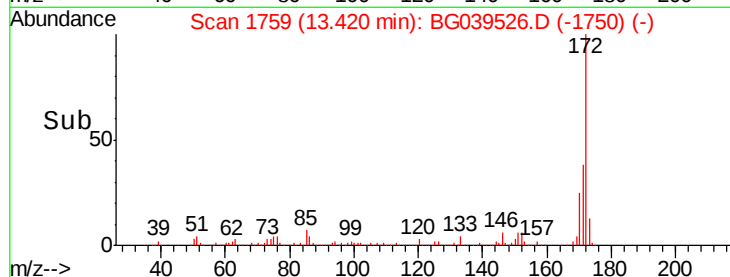
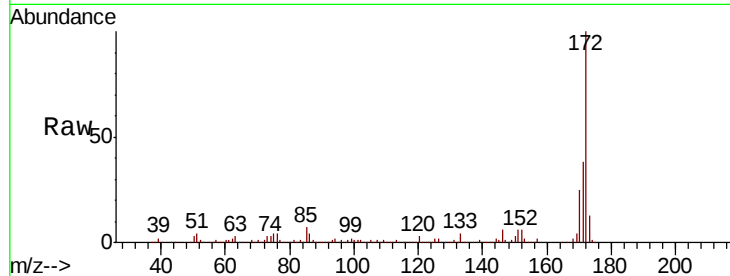
Tgt Ion: 65 Resp: 1573

Ion Ratio Lower Upper

65 100

92 197.6 51.4 77.2#

138 33.8 71.4 107.2#



#51

2,6-Dinitrotoluene

Concen: 13.932 ng

RT: 14.79 min Scan# 1993

Delta R.T. 0.41 min

Lab File: BG039526.D

Acq: 15 Feb 2019 18:06

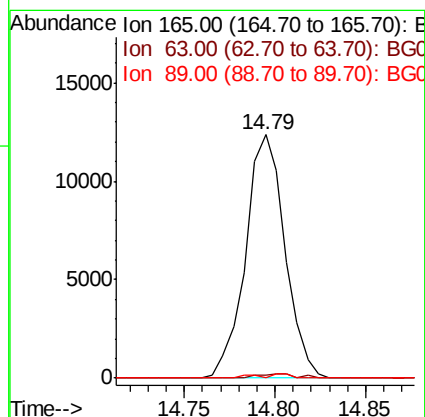
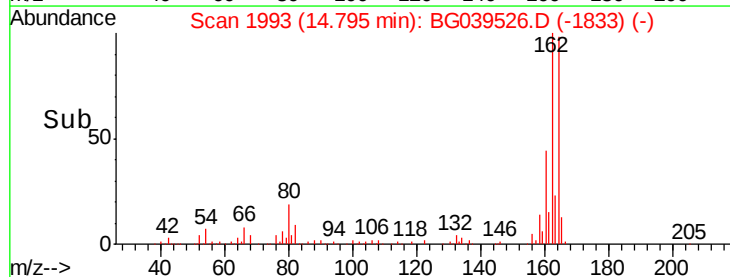
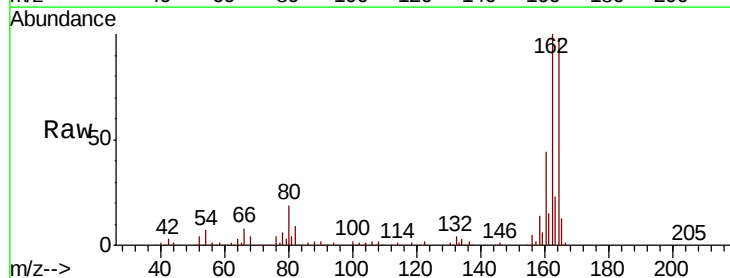
Tgt Ion: 165 Resp: 18707

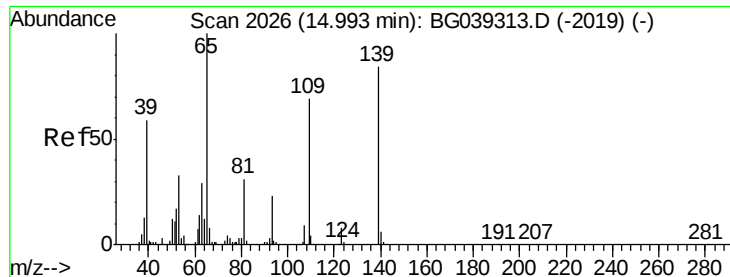
Ion Ratio Lower Upper

165 100

63 1.4 47.0 70.6#

89 0.0 45.8 68.8#

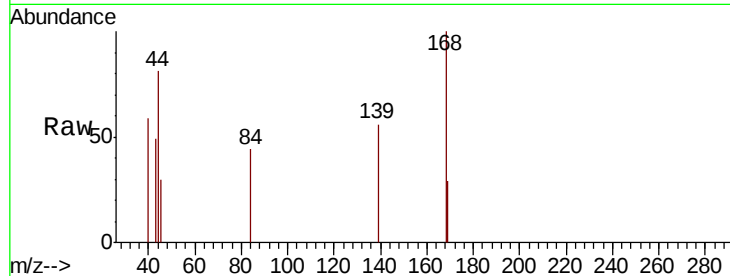




#56
4-Nitrophenol
Concen: 5.905 ng
RT: 15.19 min Scan# 2060
Delta R.T. 0.20 min
Lab File: BG039526.D
Acq: 15 Feb 2019 18:06

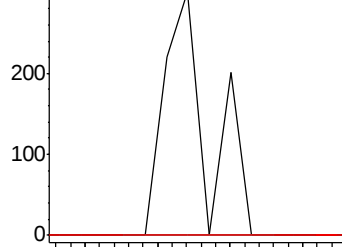
Instrument :
BNA_G
ClientSampleId :
CL-01-021419-A

Tgt Ion:139 Resp: 255
Ion Ratio Lower Upper
139 100
109 0.0 61.9 101.9#
65 0.0 99.1 139.1#

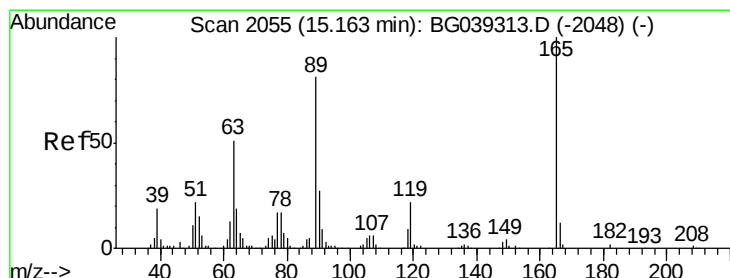
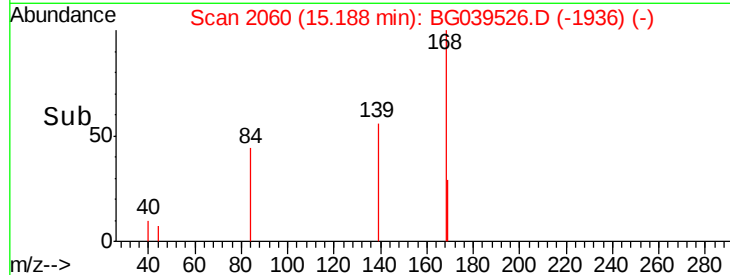


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BGC

15.19

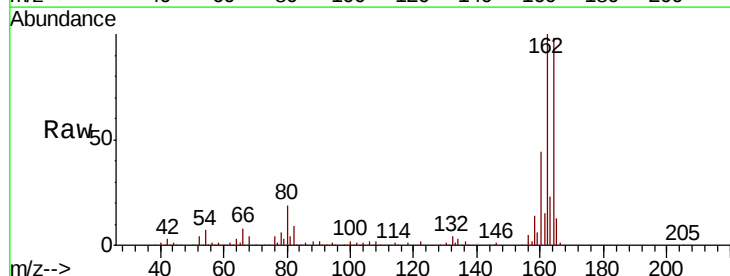


Time--> 15.16 15.18 15.20 15.22



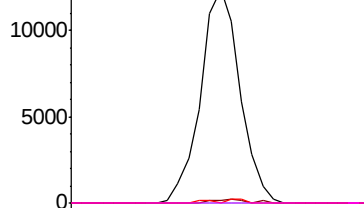
#57
2,4-Dinitrotoluene
Concen: 13.405 ng
RT: 14.79 min Scan# 1993
Delta R.T. -0.37 min
Lab File: BG039526.D
Acq: 15 Feb 2019 18:06

Tgt Ion:165 Resp: 18707
Ion Ratio Lower Upper
165 100
63 1.4 41.0 61.6#
89 0.0 64.6 96.8#
182 0.0 2.0 3.0#

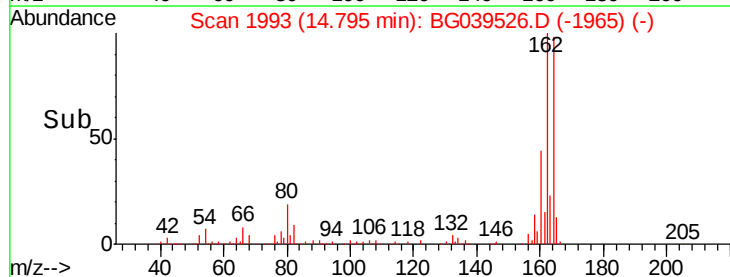


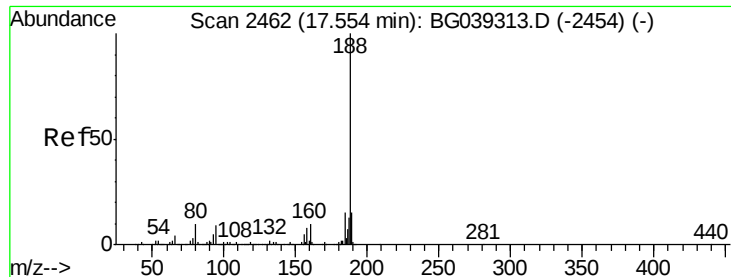
Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

14.79



Time--> 14.75 14.80 14.85





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.54 min Scan# 2460

Delta R.T. -0.02 min

Lab File: BG039526.D

Acq: 15 Feb 2019 18:06

Instrument :

BNA_G

ClientSampleId :

CL-01-021419-A

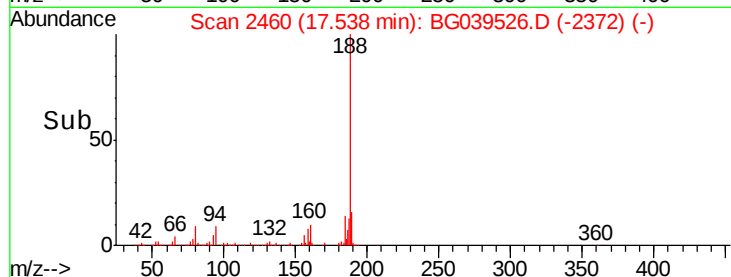
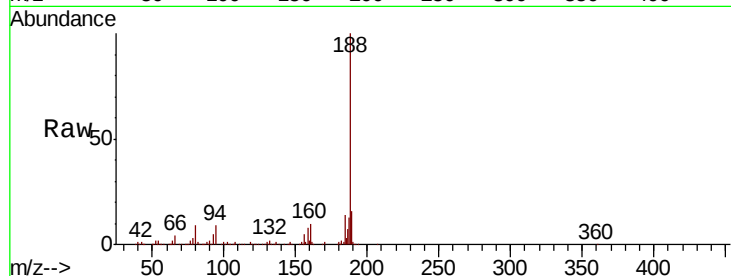
Tgt Ion:188 Resp: 365783

Ion Ratio Lower Upper

188 100

94 8.7 6.9 10.3

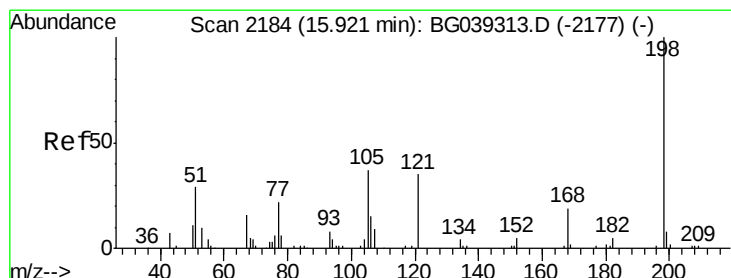
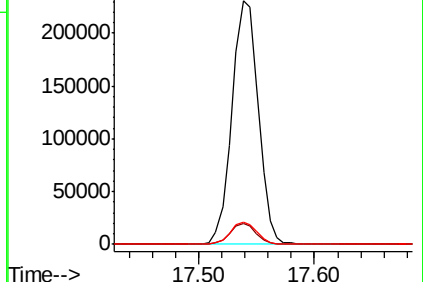
80 9.1 8.1 12.1



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: 4.240 ng

RT: 15.78 min Scan# 2161

Delta R.T. -0.14 min

Lab File: BG039526.D

Acq: 15 Feb 2019 18:06

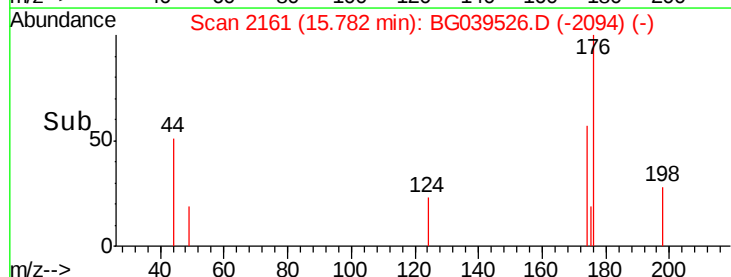
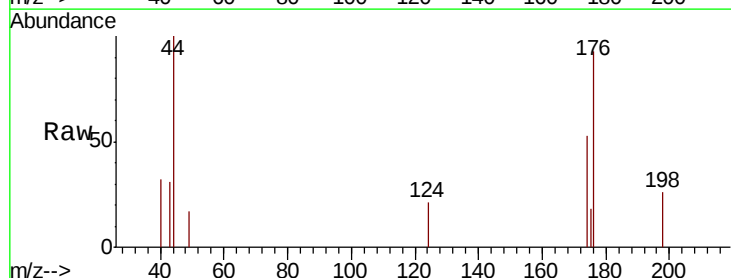
Tgt Ion:198 Resp: 79

Ion Ratio Lower Upper

198 100

51 0.0 27.4 67.4#

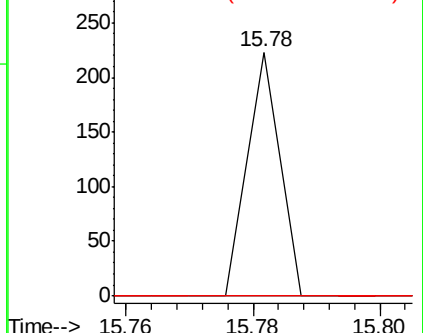
105 0.0 19.7 59.7#

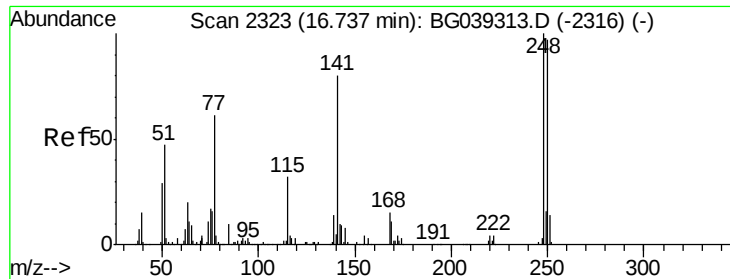


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG0

Ion 105.00 (104.70 to 105.70): E

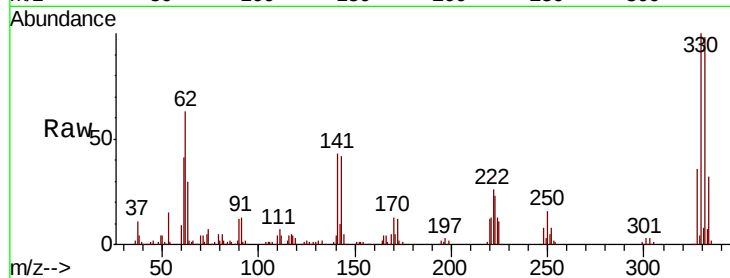




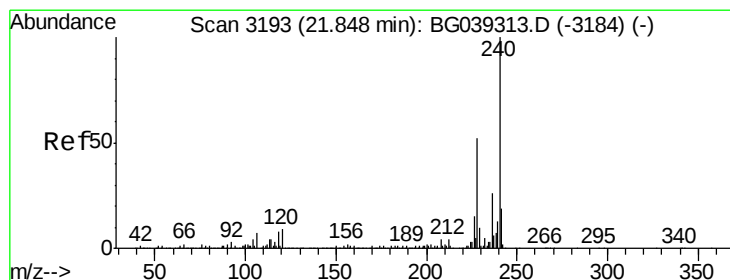
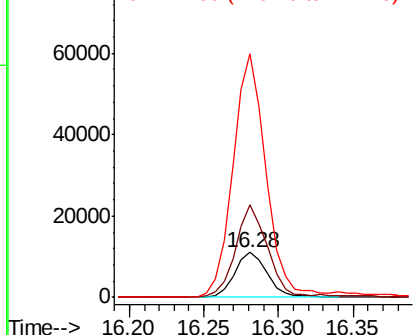
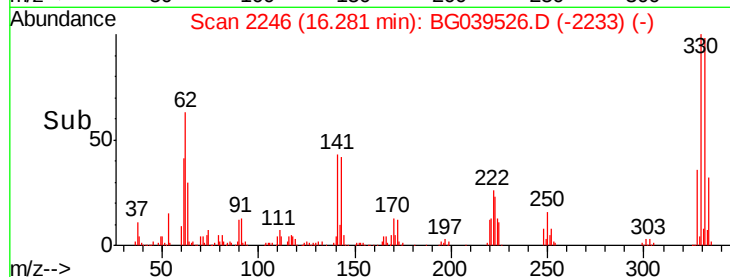
#67
4-Bromophenyl-phenylether
Concen: 4.203 ng
RT: 16.28 min Scan# 2246
Delta R.T. -0.46 min
Lab File: BG039526.D
Acq: 15 Feb 2019 18:06

Instrument :
BNA_G
ClientSampleId :
CL-01-021419-A

Tgt Ion:248 Resp: 17057
Ion Ratio Lower Upper
248 100
250 204.9 77.6 116.4#
141 540.6 63.9 95.9#

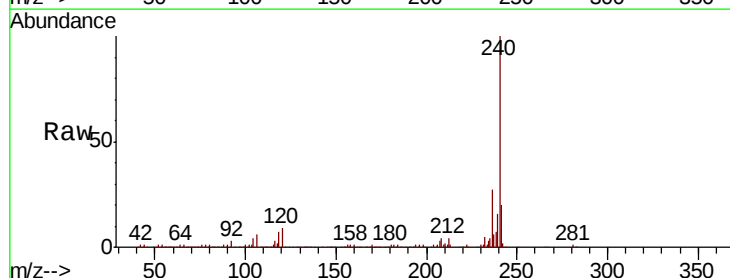


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

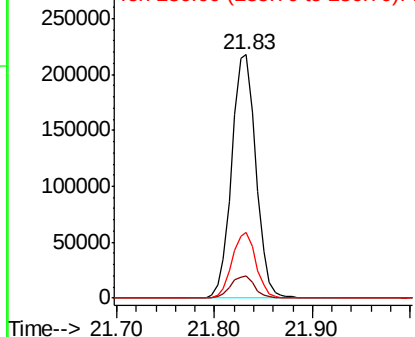
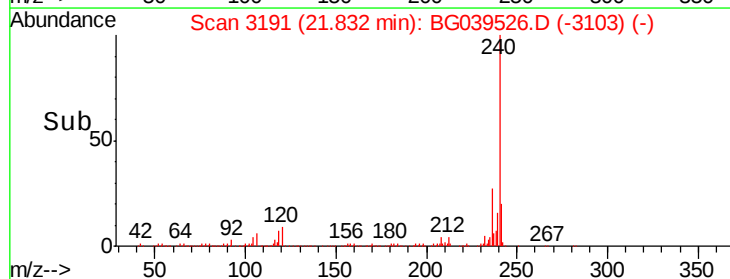


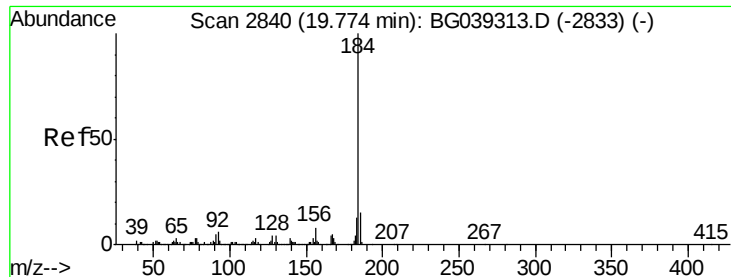
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.83 min Scan# 3191
Delta R.T. -0.02 min
Lab File: BG039526.D
Acq: 15 Feb 2019 18:06

Tgt Ion:240 Resp: 375104
Ion Ratio Lower Upper
240 100
120 9.2 7.0 10.6
236 27.2 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





#77

Benzidine

Concen: 2.115 ng

RT: 20.13 min Scan# 2902

Delta R.T. 0.36 min

Lab File: BG039526.D

Acq: 15 Feb 2019 18:06

Instrument :

BNA_G

ClientSampleId :

CL-01-021419-A

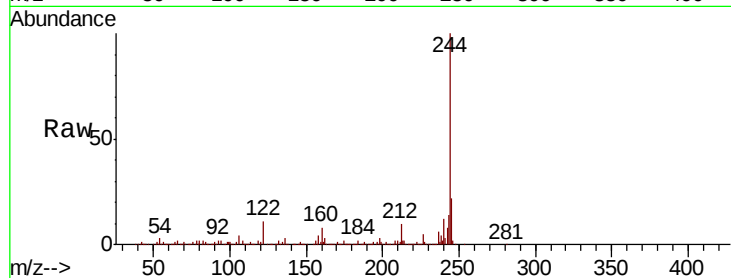
Tgt Ion:184 Resp: 26011

Ion Ratio Lower Upper

184 100

185 17.3 12.2 18.2

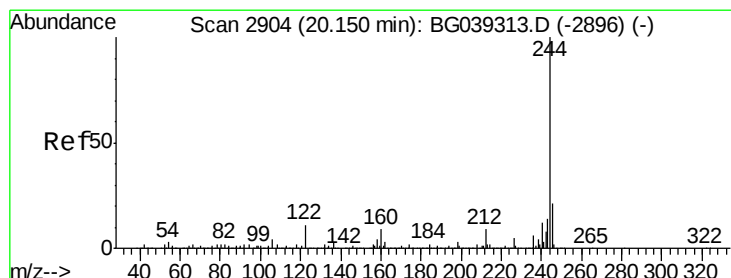
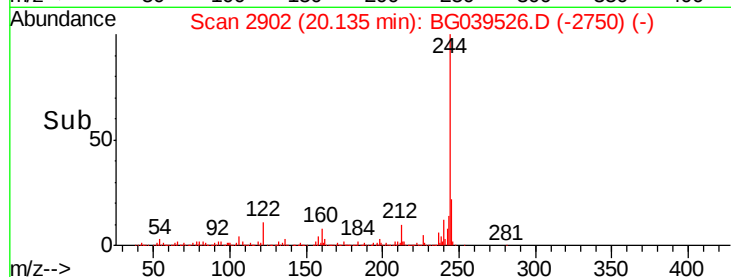
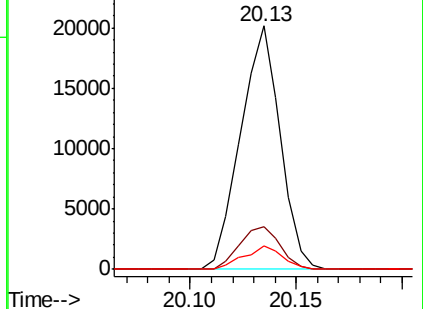
183 9.9 10.6 15.8#



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



#79

Terphenyl-d14

Concen: 83.754 ng

RT: 20.13 min Scan# 2902

Delta R.T. -0.02 min

Lab File: BG039526.D

Acq: 15 Feb 2019 18:06

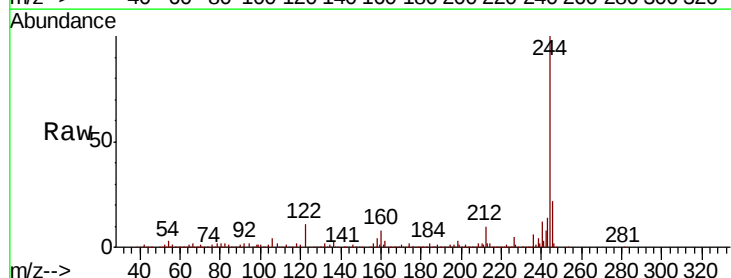
Tgt Ion:244 Resp: 1484228

Ion Ratio Lower Upper

244 100

212 9.5 7.3 10.9

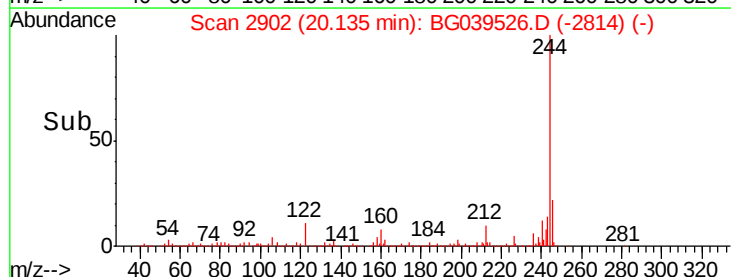
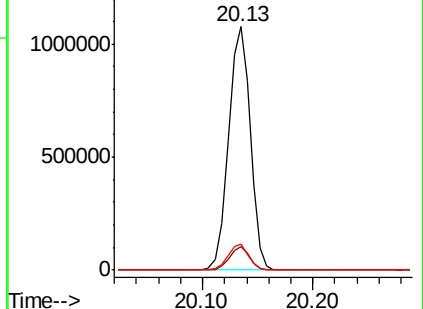
122 10.6 8.4 12.6

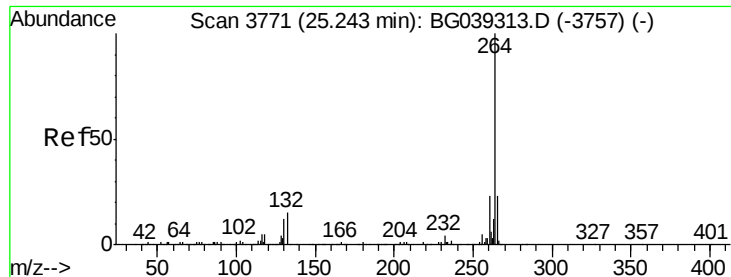


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.22 min Scan# 3767
Delta R.T. -0.03 min
Lab File: BG039526.D
Acq: 15 Feb 2019 18:06

Instrument :
BNA_G
ClientSampleId :
CL-01-021419-A

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.0	18.2	27.4
265	22.4	18.5	27.7

