

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG022619\
 Data File : BG039614.D
 Acq On : 26 Feb 2019 23:58
 Operator : JU/SJ
 Sample : K1594-26
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B-2B(21-22)

Quant Time: Feb 27 02:47:12 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	59312	20.00	ng	-0.01
21) Naphthalene-d8	10.99	136	255962	20.00	ng	-0.02
39) Acenaphthene-d10	14.79	164	175786	20.00	ng	-0.02
64) Phenanthrene-d10	17.53	188	437835	20.00	ng	-0.02
76) Chrysene-d12	21.82	240	431480	20.00	ng	-0.03
87) Perylene-d12	25.20	264	446397	20.00	ng	-0.04

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.71	112	511344	147.55	ng	0.00
7) Phenol-d6	7.32	99	743599	145.77	ng	0.00
23) Nitrobenzene-d5	9.34	82	439305	107.22	ng	-0.02
42) 2,4,6-Tribromophenol	16.28	330	302452	159.78	ng	-0.01
45) 2-Fluorobiphenyl	13.42	172	1005226	82.03	ng	-0.02
79) Terphenyl-d14	20.12	244	1503615	73.76	ng	-0.03

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	7.32	77	1439	Below Cal		# 4
19) n-Nitroso-di-n-propylamine	9.34	70	57465	15.872	ng	# 69
32) Benzoic acid	10.14	122	55	9.040	ng	# 1
48) 2-Nitroaniline	14.23	65	704	8.481	ng	# 1
50) Dimethylphthalate	14.23	163	86620	6.101	ng	99
51) 2,6-Dinitrotoluene	14.23	165	1006	6.886	ng	# 27
53) 3-Nitroaniline	14.94	138	54	5.809	ng	# 1
57) 2,4-Dinitrotoluene	14.79	165	23329	13.570	ng	# 18
65) 4,6-Dinitro-2-methylphenol	16.28	198	1020	4.922	ng	# 1
67) 4-Bromophenyl-phenylether	16.28	248	24014	4.944	ng	# 1
84) Bis(2-ethylhexyl)phthalate	21.67	149	54380	3.364	ng	95

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

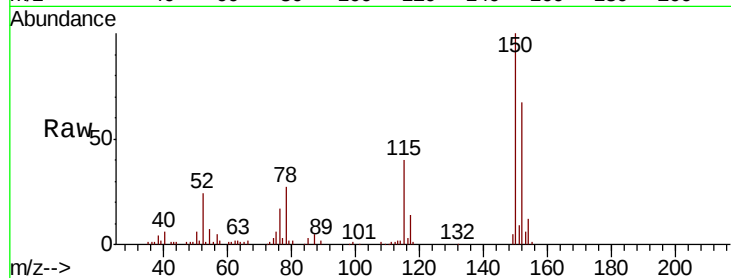


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 865
Delta R.T. -0.01 min
Lab File: BG039614.D
Acq: 26 Feb 2019 23:58

Instrument :
BNA_G
ClientSampleId :
B-2B(21-22)

Tgt Ion	Ratio	Lower	Upper
152	100		
150	148.8	123.7	185.5
115	59.6	45.9	68.9

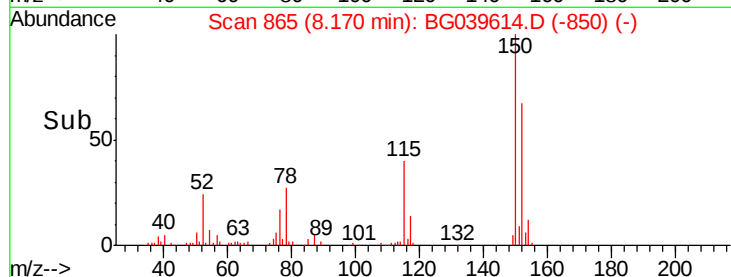
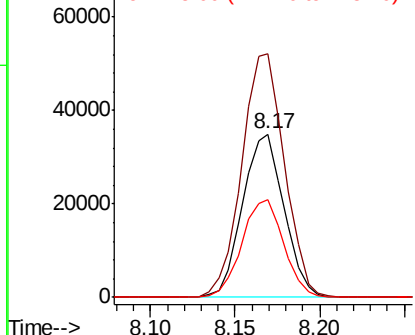


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

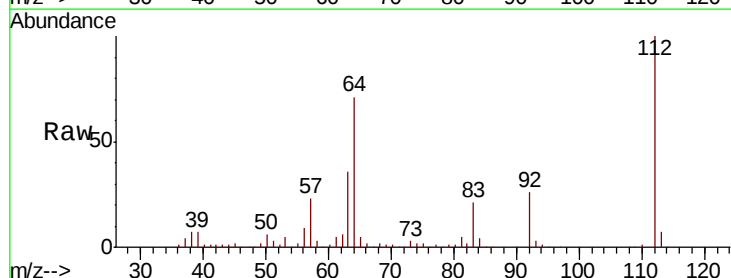
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 147.554 ng
RT: 5.71 min Scan# 447
Delta R.T. -0.00 min
Lab File: BG039614.D
Acq: 26 Feb 2019 23:58

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.0	57.8	86.8
63	36.3	29.8	44.6

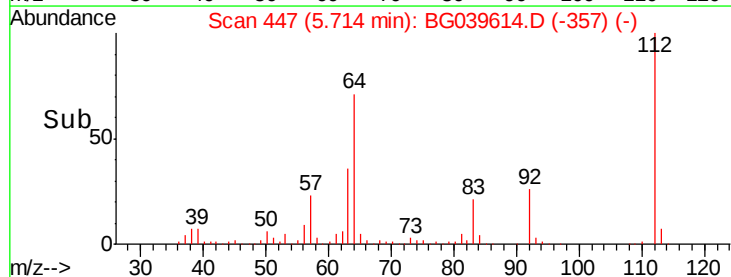
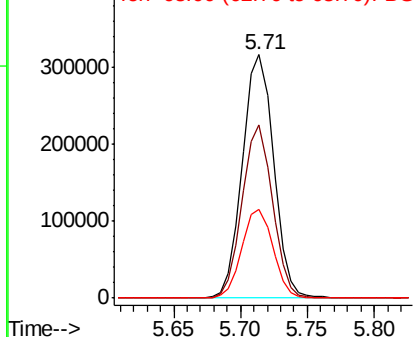


Abundance

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: 145.773 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.00 min

Lab File: BG039614.D

Acq: 26 Feb 2019 23:58

Instrument :

BNA_G

ClientSampled :

B-2B(21-22)

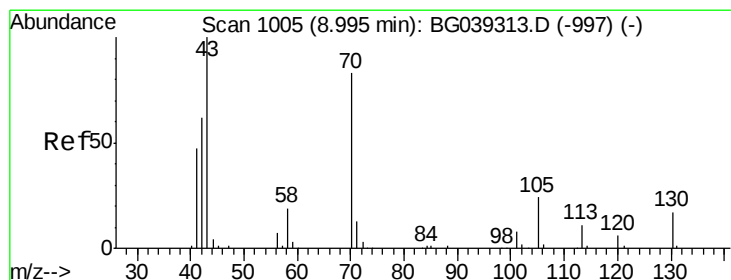
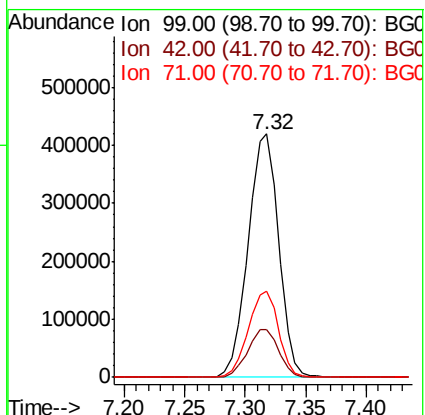
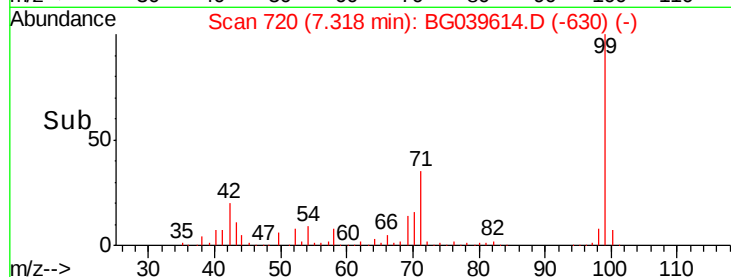
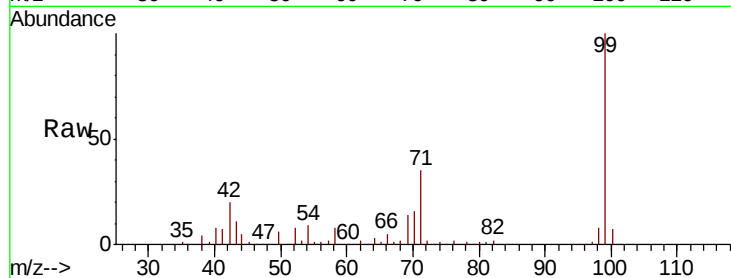
Tgt Ion: 99 Resp: 743599

Ion Ratio Lower Upper

99 100

42 19.8 18.2 27.2

71 35.4 28.0 42.0



#19

n-Nitroso-di-n-propylamine

Concen: 15.872 ng

RT: 9.34 min Scan# 1065

Delta R.T. 0.35 min

Lab File: BG039614.D

Acq: 26 Feb 2019 23:58

Tgt Ion: 70 Resp: 57465

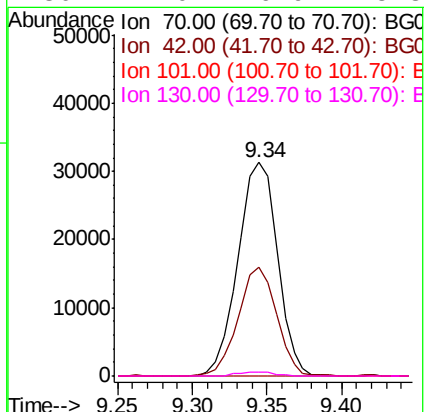
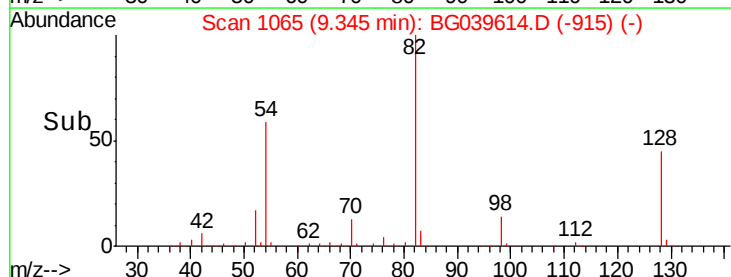
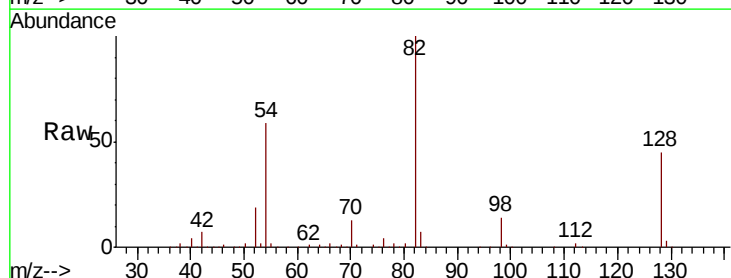
Ion Ratio Lower Upper

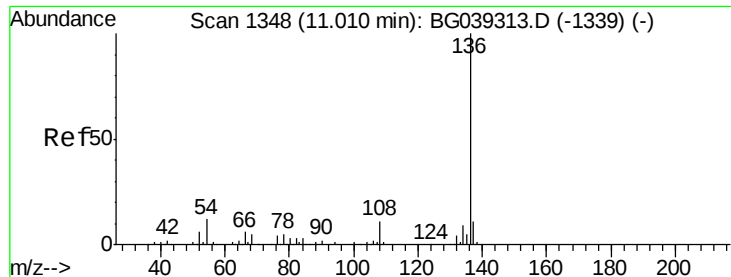
70 100

42 51.0 60.4 90.6#

101 0.0 7.5 11.3#

130 2.0 16.9 25.3#

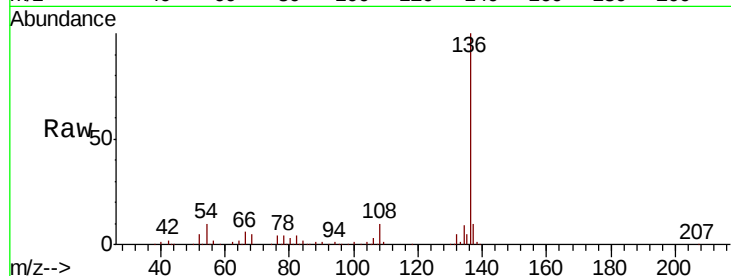




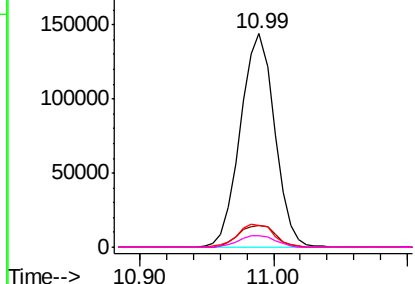
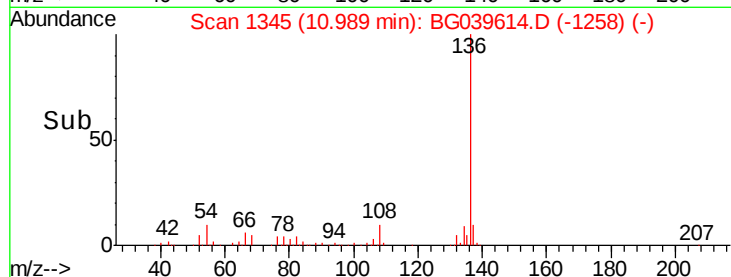
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.99 min Scan# 1345
Delta R.T. -0.02 min
Lab File: BG039614.D
Acq: 26 Feb 2019 23:58

Instrument :
BNA_G
ClientSampleId :
B-2B(21-22)

Tgt Ion:	136	Resp:	255962
Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.1	13.7
54	10.2	9.4	14.2
68	5.2	4.2	6.4

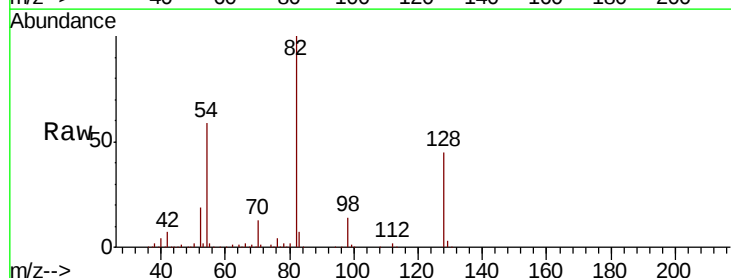


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

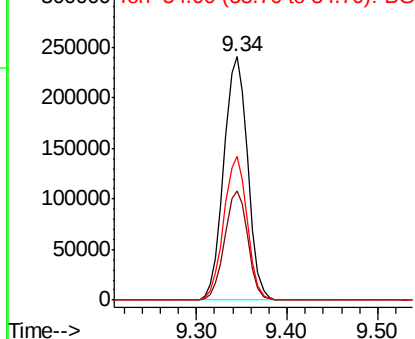
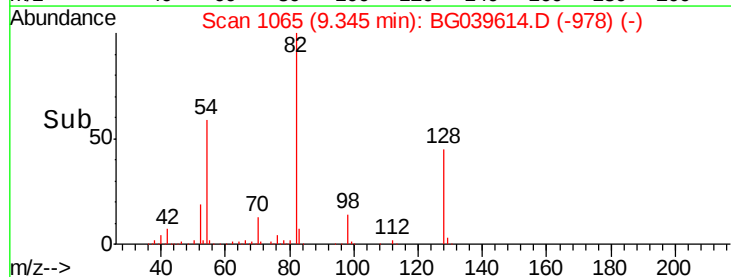


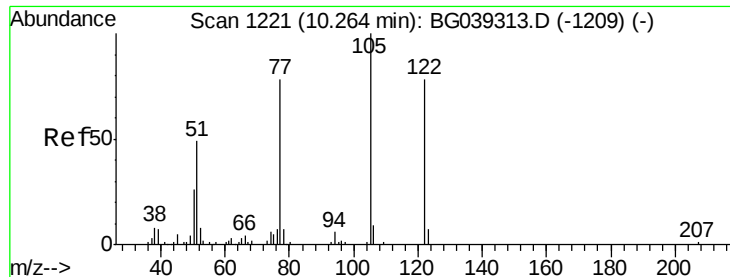
#23
Nitrobenzene-d5
Concen: 107.219 ng
RT: 9.34 min Scan# 1065
Delta R.T. -0.02 min
Lab File: BG039614.D
Acq: 26 Feb 2019 23:58

Tgt Ion:	82	Resp:	439305
Ion	Ratio	Lower	Upper
82	100		
128	45.0	31.3	46.9
54	59.3	50.9	76.3



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

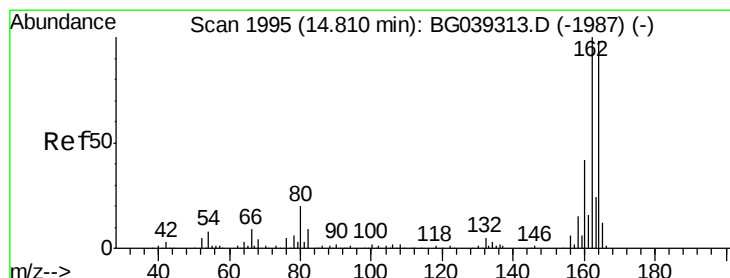
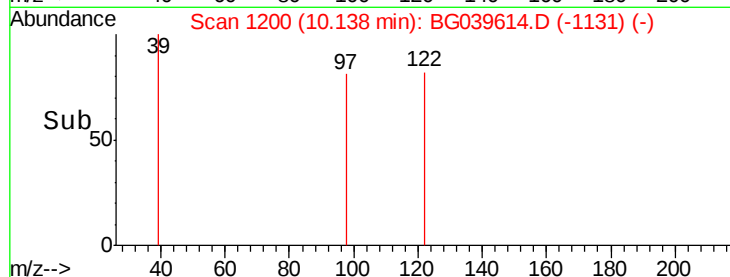
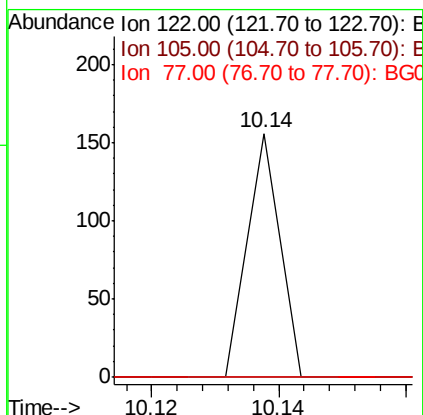
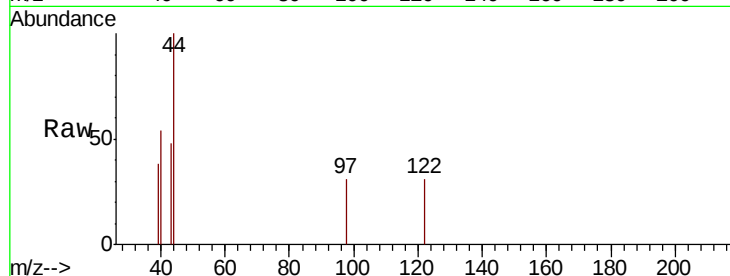




#32
Benzoic acid
Concen: 9.040 ng
RT: 10.14 min Scan# 1200
Delta R.T. -0.13 min
Lab File: BG039614.D
Acq: 26 Feb 2019 23:58

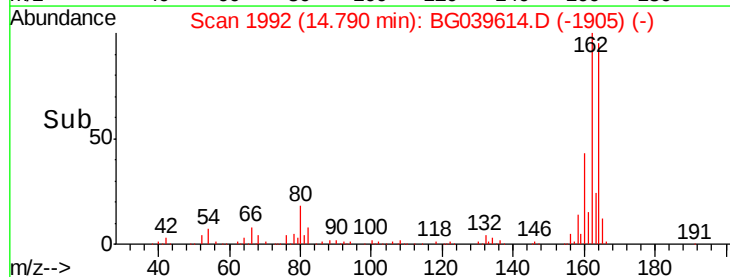
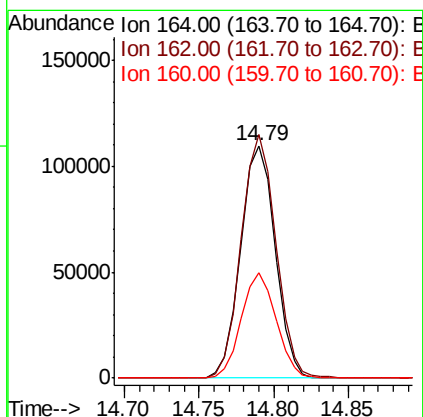
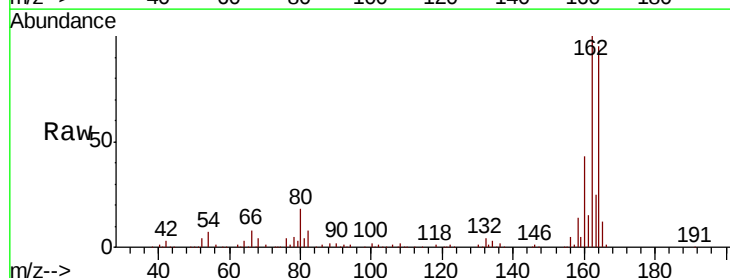
Instrument :
BNA_G
ClientSampleId :
B-2B(21-22)

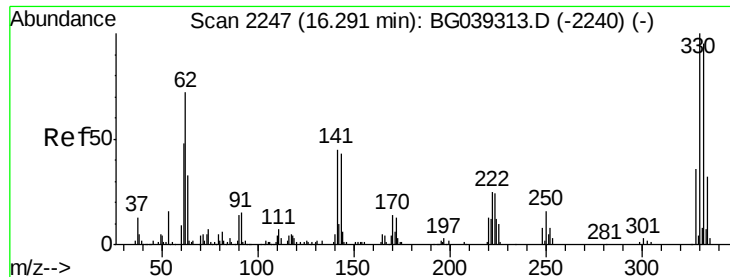
Tgt Ion	Ratio	Lower	Upper
122	100		
105	0.0	101.8	141.8#
77	0.0	76.3	116.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.79 min Scan# 1992
Delta R.T. -0.02 min
Lab File: BG039614.D
Acq: 26 Feb 2019 23:58

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.7	81.6	122.4
160	45.1	34.2	51.2

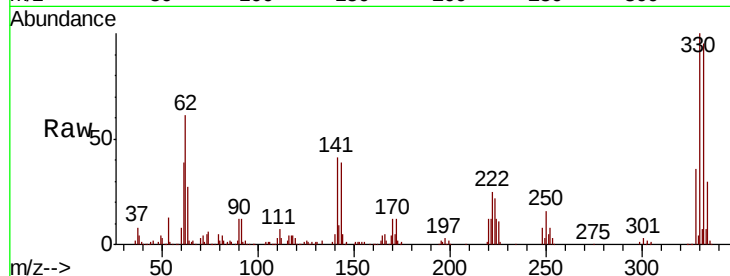




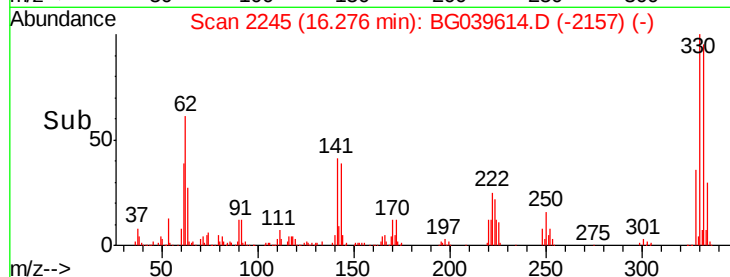
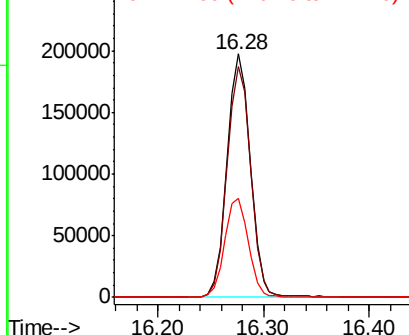
#42
 2,4,6-Tribromophenol
 Concen: 159.781 ng
 RT: 16.28 min Scan# 2245
 Delta R.T. -0.01 min
 Lab File: BG039614.D
 Acq: 26 Feb 2019 23:58

Instrument :
 BNA_G
 ClientSampled :
 B-2B(21-22)

Tgt Ion:330 Resp: 302452
 Ion Ratio Lower Upper
 330 100
 332 95.7 75.7 113.5
 141 41.2 35.6 53.4

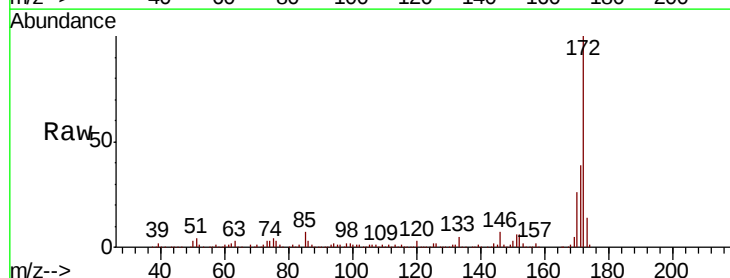


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

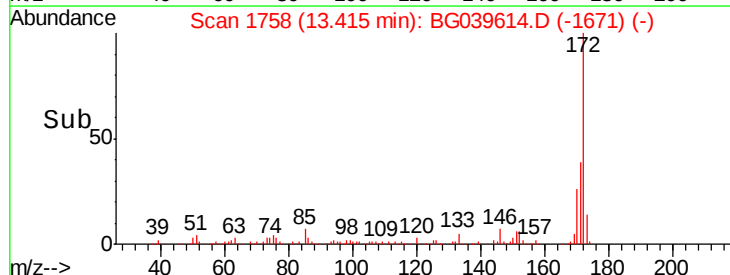
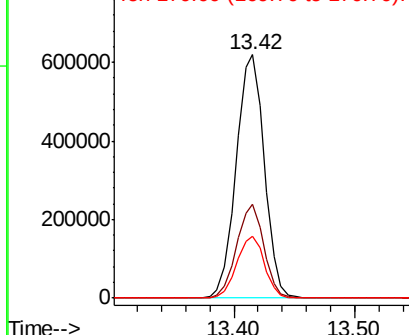


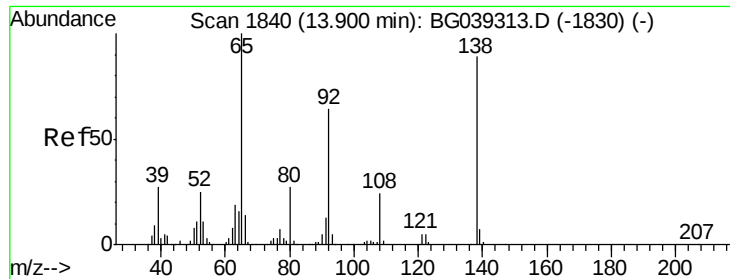
#45
 2-Fluorobiphenyl
 Concen: 82.034 ng
 RT: 13.42 min Scan# 1758
 Delta R.T. -0.02 min
 Lab File: BG039614.D
 Acq: 26 Feb 2019 23:58

Tgt Ion:172 Resp: 1005226
 Ion Ratio Lower Upper
 172 100
 171 38.5 30.8 46.2
 170 25.6 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: 8.481 ng

RT: 14.23 min Scan# 1896

Delta R.T. 0.33 min

Lab File: BG039614.D

Acq: 26 Feb 2019 23:58

Instrument :

BNA_G

ClientSampleId :

B-2B(21-22)

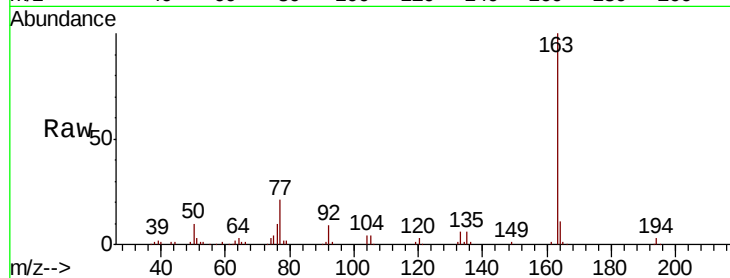
Tgt Ion: 65 Resp: 704

Ion Ratio Lower Upper

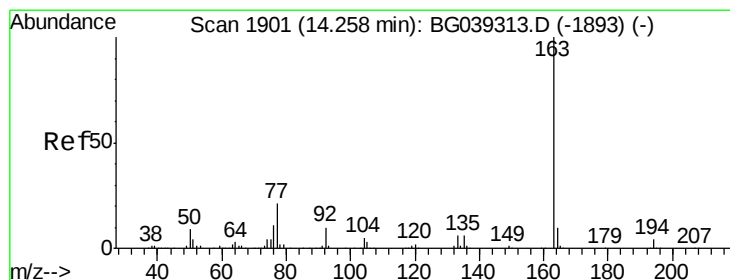
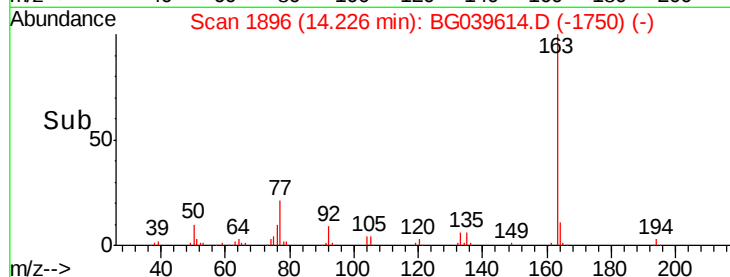
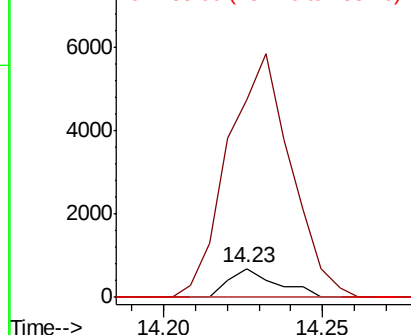
65 100

92 679.0 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: 6.101 ng

RT: 14.23 min Scan# 1897

Delta R.T. -0.03 min

Lab File: BG039614.D

Acq: 26 Feb 2019 23:58

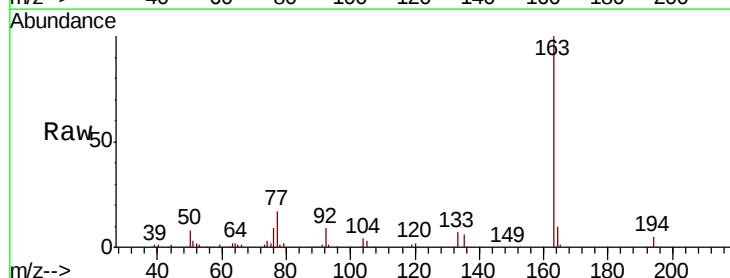
Tgt Ion: 163 Resp: 86620

Ion Ratio Lower Upper

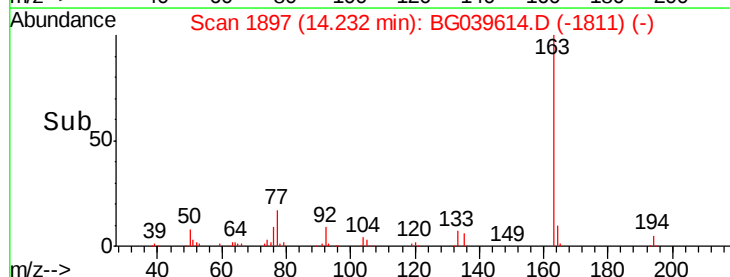
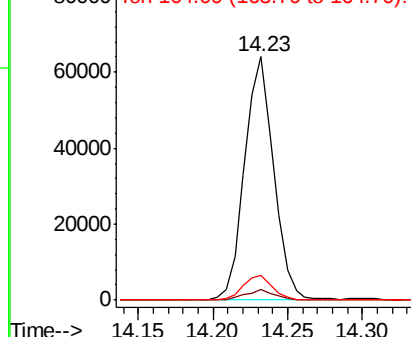
163 100

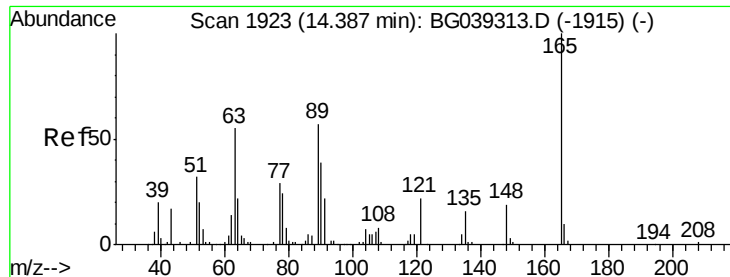
194 4.5 3.6 5.4

164 10.1 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

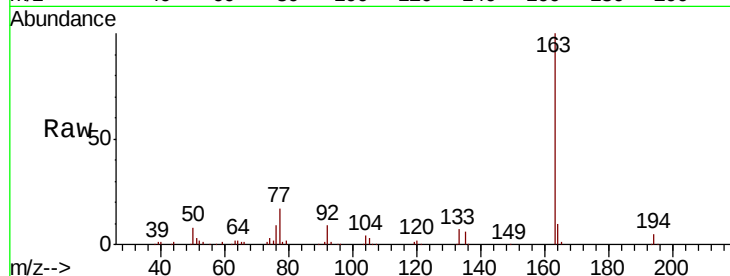




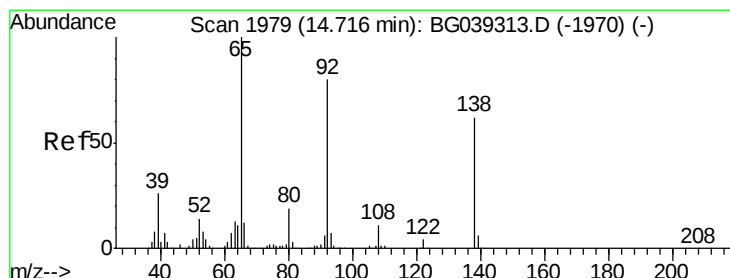
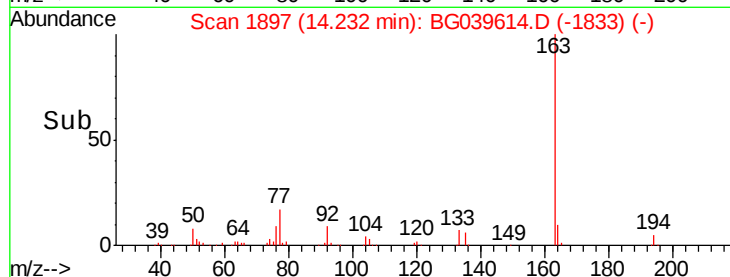
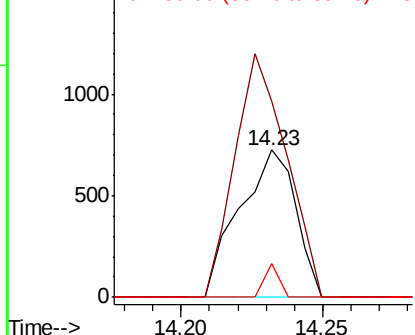
#51
 2,6-Dinitrotoluene
 Concen: 6.886 ng
 RT: 14.23 min Scan# 1897
 Delta R.T. -0.15 min
 Lab File: BG039614.D
 Acq: 26 Feb 2019 23:58

Instrument :
 BNA_G
 ClientSampleId :
 B-2B(21-22)

Tgt Ion:165 Resp: 1006
 Ion Ratio Lower Upper
 165 100
 63 133.0 47.0 70.6#
 89 23.2 45.8 68.8#

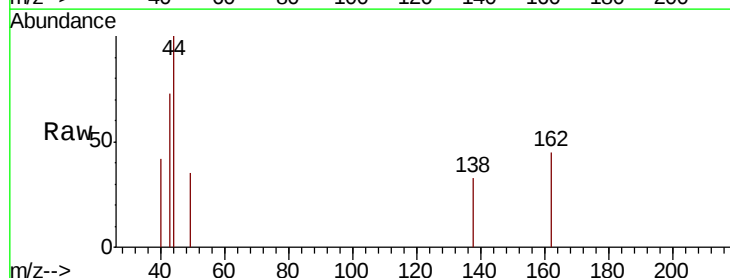


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGO
 Ion 89.00 (88.70 to 89.70): BGO

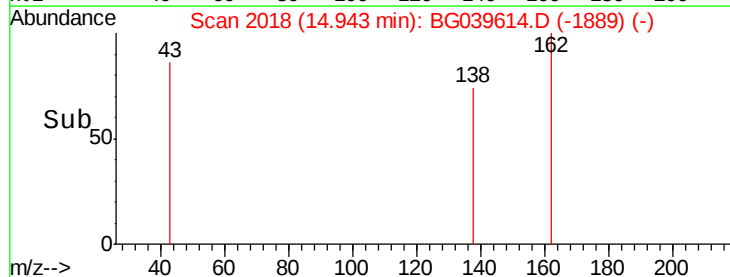
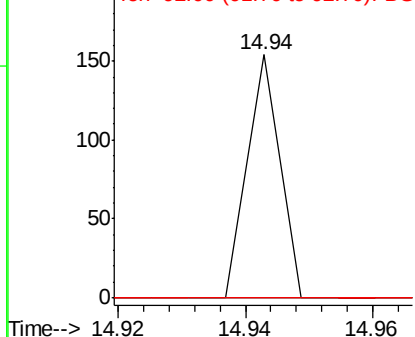


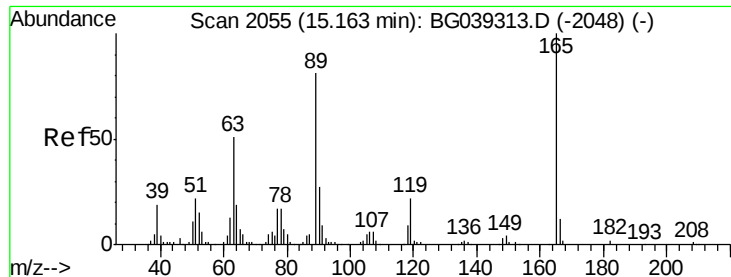
#53
 3-Nitroaniline
 Concen: 5.809 ng
 RT: 14.94 min Scan# 2018
 Delta R.T. 0.23 min
 Lab File: BG039614.D
 Acq: 26 Feb 2019 23:58

Tgt Ion:138 Resp: 54
 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

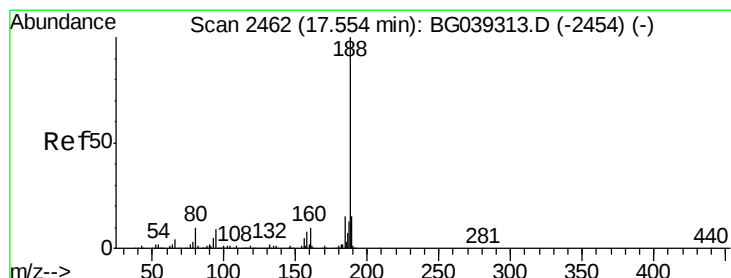
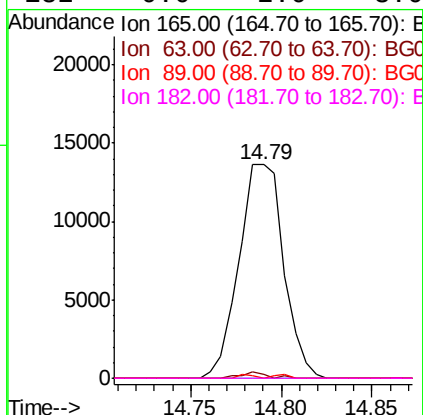
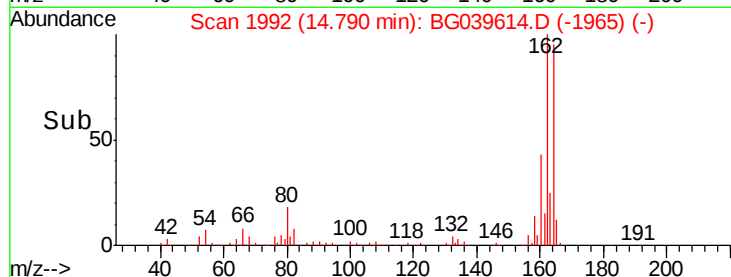
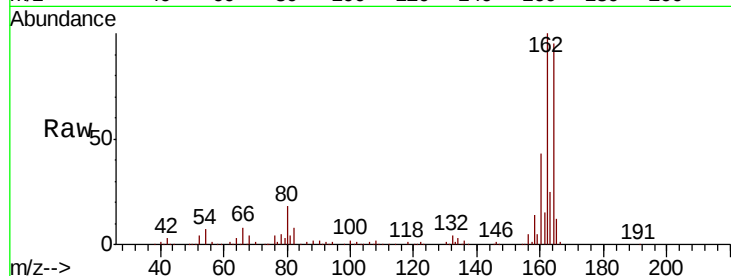




#57
 2,4-Dinitrotoluene
 Concen: 13.570 ng
 RT: 14.79 min Scan# 1992
 Delta R.T. -0.37 min
 Lab File: BG039614.D
 Acq: 26 Feb 2019 23:58

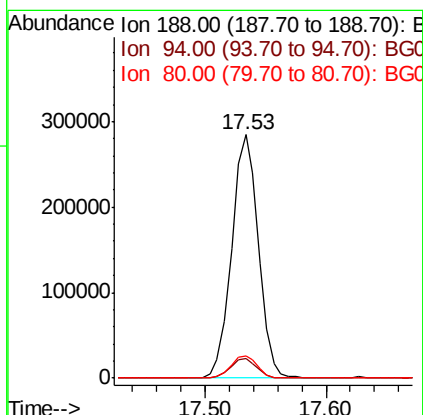
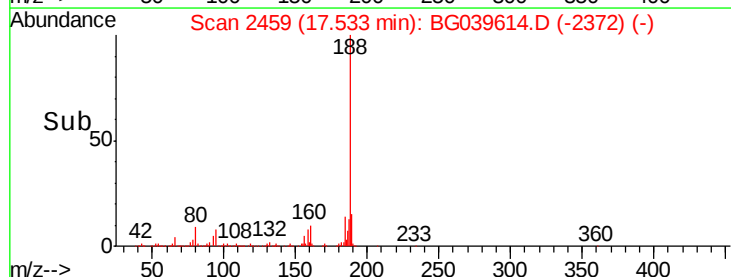
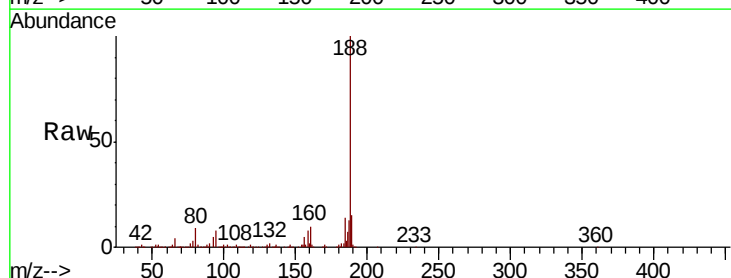
Instrument :
 BNA_G
 ClientSampleId :
 B-2B(21-22)

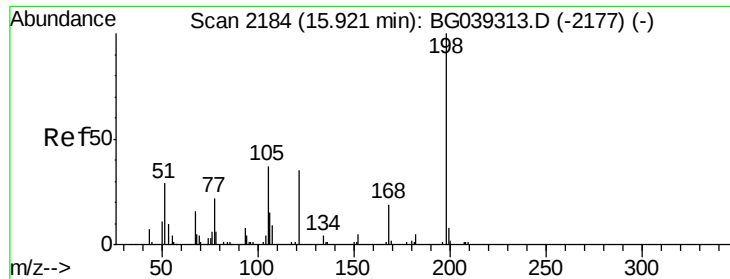
Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.0	41.0	61.6#
89	0.0	64.6	96.8#
182	0.0	2.0	3.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.53 min Scan# 2459
 Delta R.T. -0.02 min
 Lab File: BG039614.D
 Acq: 26 Feb 2019 23:58

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.0	6.9	10.3
80	9.3	8.1	12.1

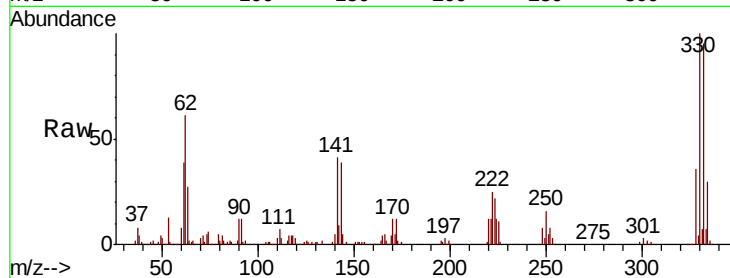




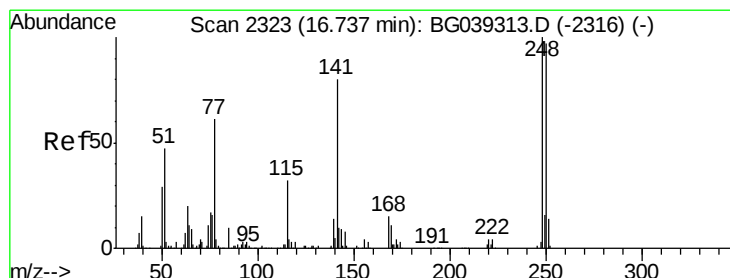
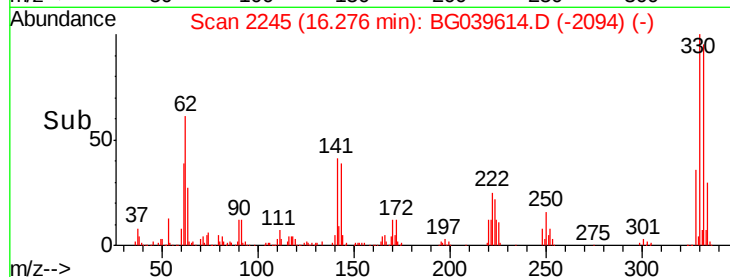
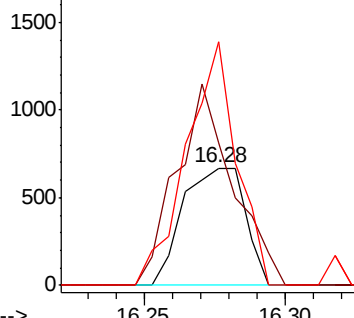
#65
 4,6-Dinitro-2-methylphenol
 Concen: 4.922 ng
 RT: 16.28 min Scan# 2245
 Delta R.T. 0.36 min
 Lab File: BG039614.D
 Acq: 26 Feb 2019 23:58

Instrument :
 BNA_G
 ClientSampleId :
 B-2B(21-22)

Tgt Ion:198 Resp: 1020
 Ion Ratio Lower Upper
 198 100
 51 121.5 27.4 67.4#
 105 207.6 19.7 59.7#

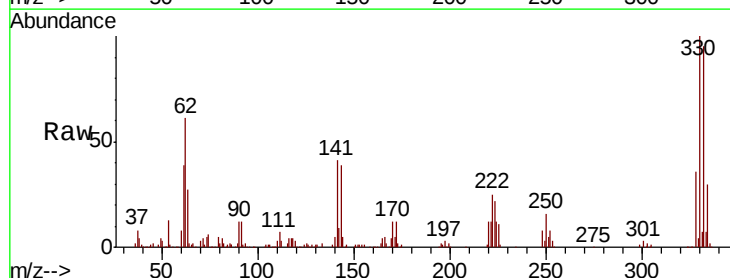


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

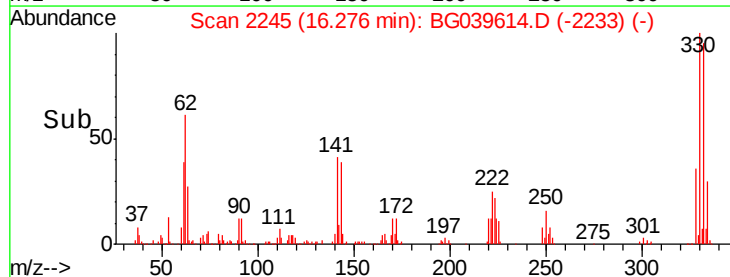
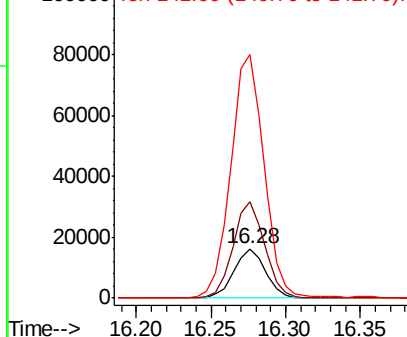


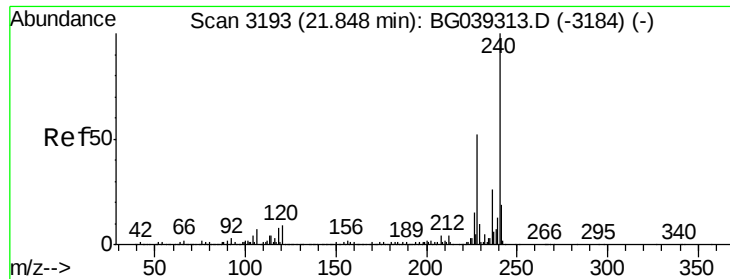
#67
 4-Bromophenyl-phenylether
 Concen: 4.944 ng
 RT: 16.28 min Scan# 2245
 Delta R.T. -0.46 min
 Lab File: BG039614.D
 Acq: 26 Feb 2019 23:58

Tgt Ion:248 Resp: 24014
 Ion Ratio Lower Upper
 248 100
 250 194.0 77.6 116.4#
 141 490.9 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: BG039614.D

Acq: 26 Feb 2019 23:58

Instrument :

BNA_G

ClientSampleId :

B-2B(21-22)

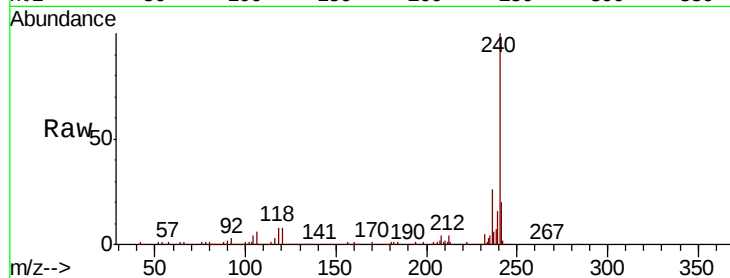
Tgt Ion:240 Resp: 431480

Ion Ratio Lower Upper

240 100

120 8.0 7.0 10.6

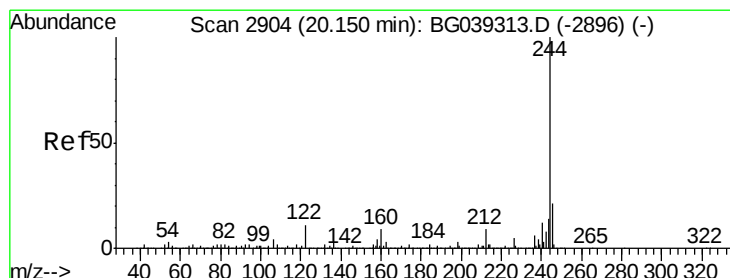
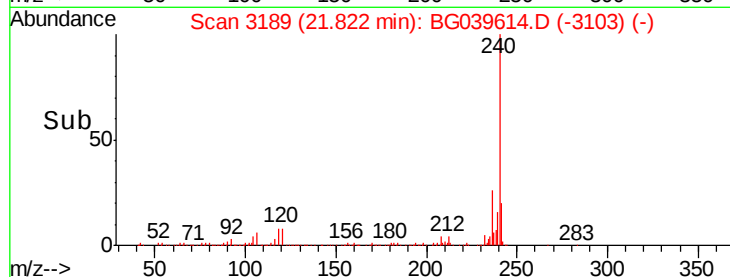
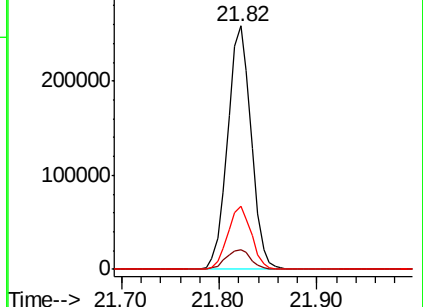
236 25.9 21.0 31.4



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: 73.762 ng

RT: 20.12 min Scan# 2900

Delta R.T. -0.03 min

Lab File: BG039614.D

Acq: 26 Feb 2019 23:58

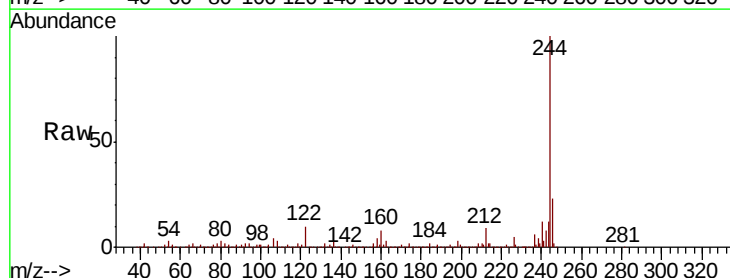
Tgt Ion:244 Resp: 1503615

Ion Ratio Lower Upper

244 100

212 9.3 7.3 10.9

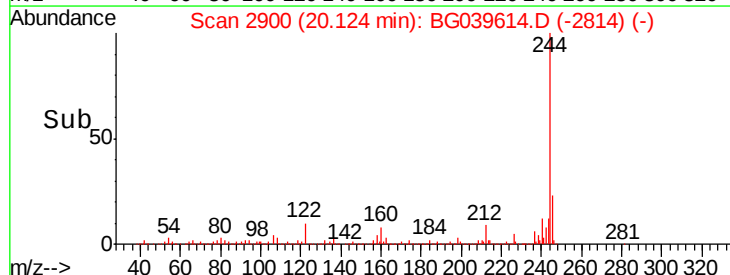
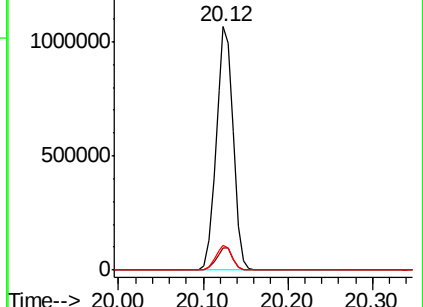
122 10.3 8.4 12.6

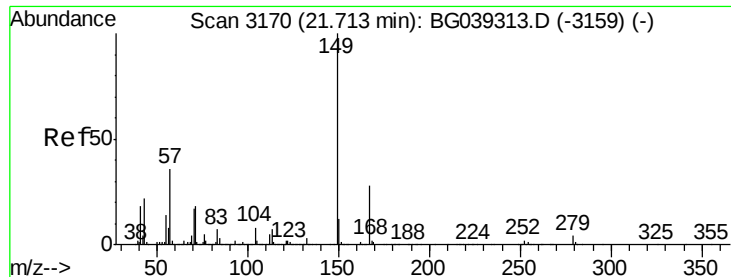


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 3.364 ng

RT: 21.67 min Scan# 3163

Delta R.T. -0.04 min

Lab File: BG039614.D

Acq: 26 Feb 2019 23:58

Instrument :

BNA_G

ClientSampleId :

B-2B(21-22)

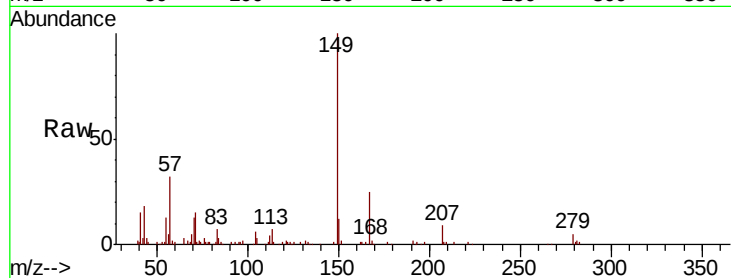
Tgt Ion:149 Resp: 54380

Ion Ratio Lower Upper

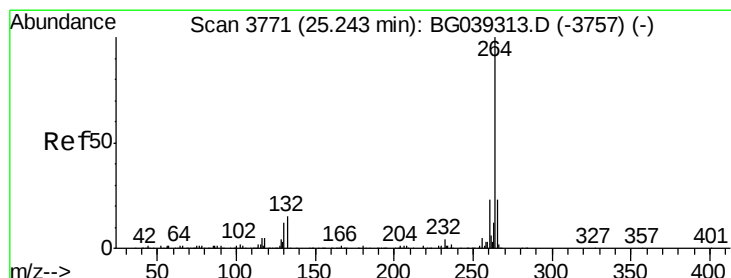
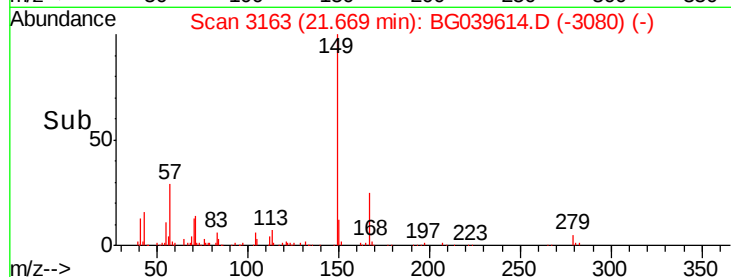
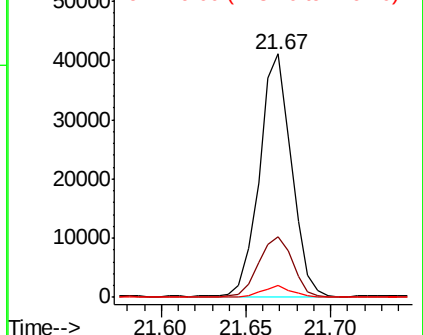
149 100

167 25.1 22.6 34.0

279 5.1 3.5 5.3



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.20 min Scan# 3764

Delta R.T. -0.04 min

Lab File: BG039614.D

Acq: 26 Feb 2019 23:58

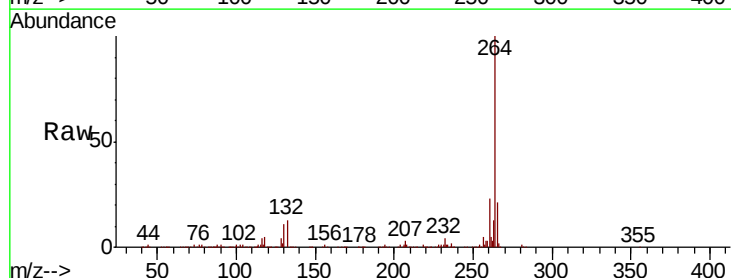
Tgt Ion:264 Resp: 446397

Ion Ratio Lower Upper

264 100

260 23.0 18.2 27.4

265 20.7 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

