

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG013019\
 Data File : BG039341.D
 Acq On : 30 Jan 2019 23:52
 Operator : JU/SJ
 Sample : K1268-12
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 012819-TIPC-E-U-M

Quant Time: Jan 31 05:44:56 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	44264	20.00	ng	0.00
21) Naphthalene-d8	11.01	136	186465	20.00	ng	0.00
39) Acenaphthene-d10	14.80	164	128449	20.00	ng	0.00
64) Phenanthrene-d10	17.54	188	311234	20.00	ng	0.00
76) Chrysene-d12	21.84	240	331794	20.00	ng	0.00
87) Perylene-d12	25.23	264	326976	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.71	112	101170	39.12	ng	0.00
7) Phenol-d6	7.31	99	90057	23.66	ng	0.00
23) Nitrobenzene-d5	9.35	82	303913	101.82	ng	0.00
42) 2,4,6-Tribromophenol	16.29	330	131454	95.04	ng	0.00
45) 2-Fluorobiphenyl	13.43	172	758388	84.70	ng	0.00
79) Terphenyl-d14	20.14	244	1062024	67.75	ng	0.00

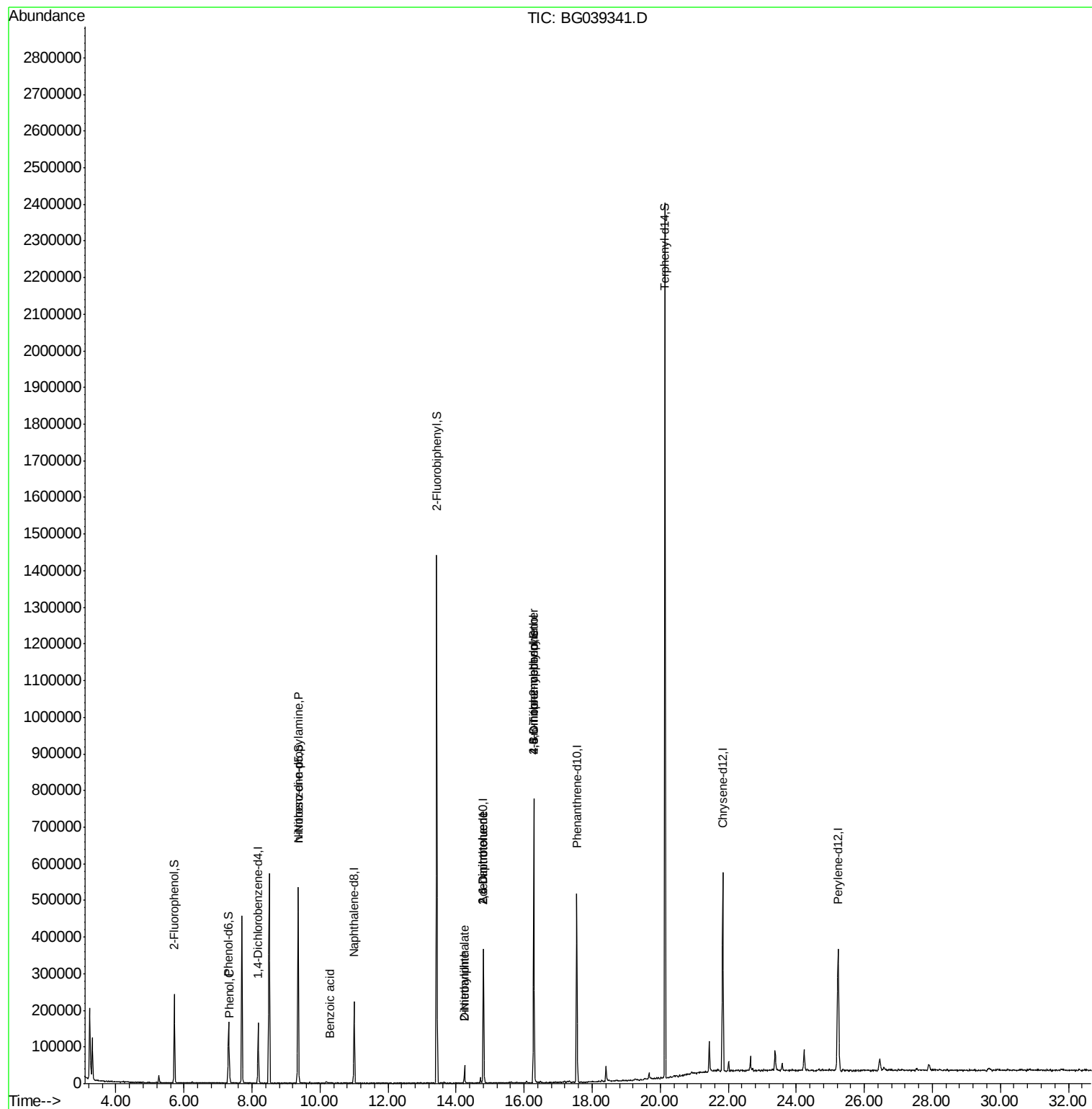
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	7.32	77	90	Below Cal		# 4
10) Phenol	7.34	94	20381	5.136	ng	# 93
19) n-Nitroso-di-n-propylamine	9.35	70	39917	14.773	ng	# 72
32) Benzoic acid	10.29	122	1023	9.495	ng	# 18
48) 2-Nitroaniline	14.25	65	161	8.354	ng	# 1
50) Dimethylphthalate	14.25	163	32209	3.105	ng	# 98
51) 2,6-Dinitrotoluene	14.80	165	16444	13.881	ng	# 24
57) 2,4-Dinitrotoluene	14.80	165	16444	13.367	ng	# 19
65) 4,6-Dinitro-2-methylphenol	16.28	198	467	4.655	ng	# 1
67) 4-Bromophenyl-phenylether	16.28	248	10153	2.941	ng	# 1

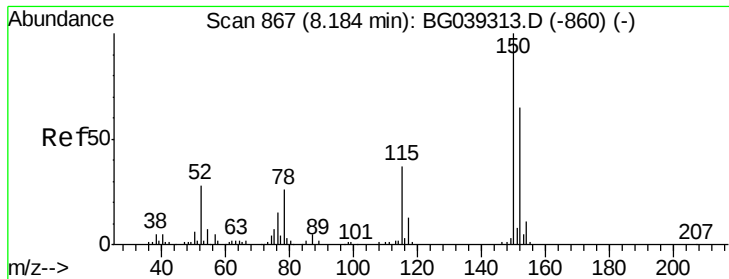
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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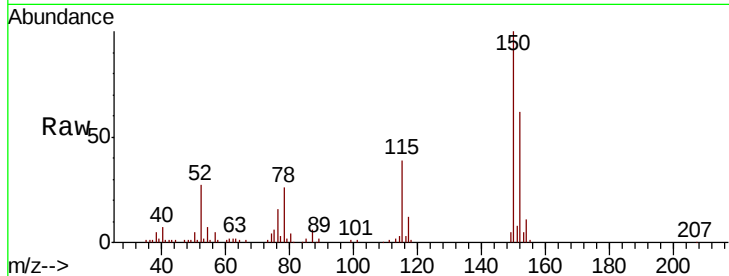


#1

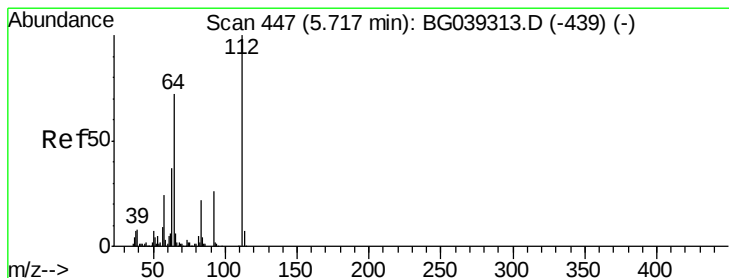
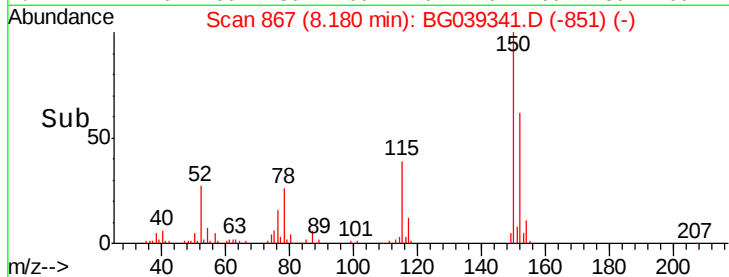
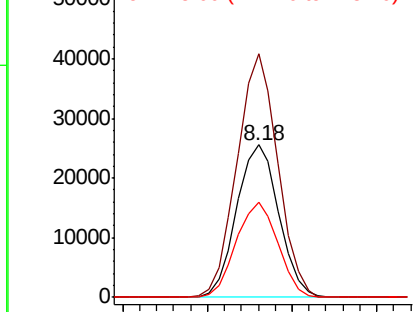
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.18 min Scan# 867
Delta R.T. -0.00 min
Lab File: BG039341.D
Acq: 30 Jan 2019 23:52

Instrument :
BNA_G
ClientSampleId :
012819-TIPC-E-U-M

Tgt Ion:152 Resp: 44264
Ion Ratio Lower Upper
152 100
150 160.0 123.7 185.5
115 62.6 45.9 68.9



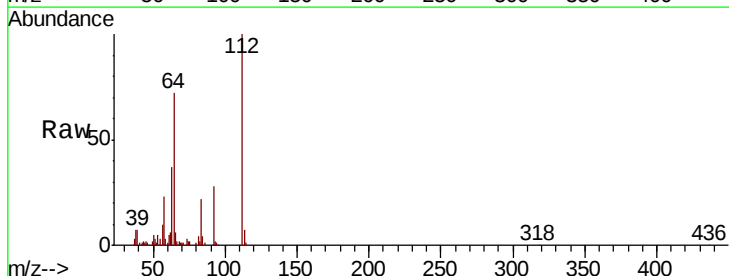
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



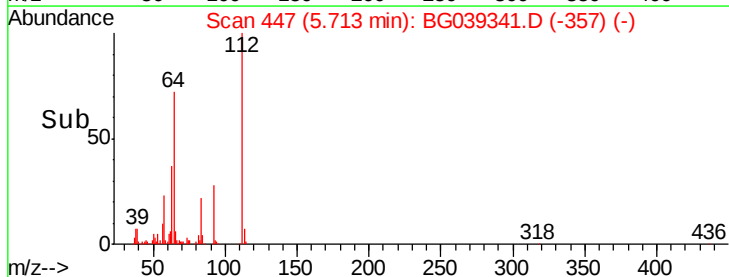
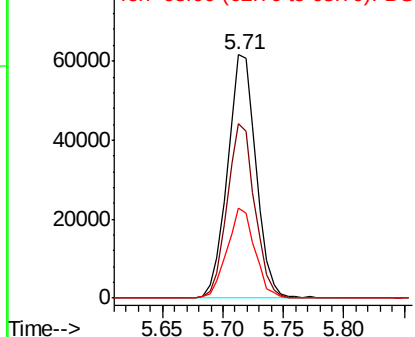
#5

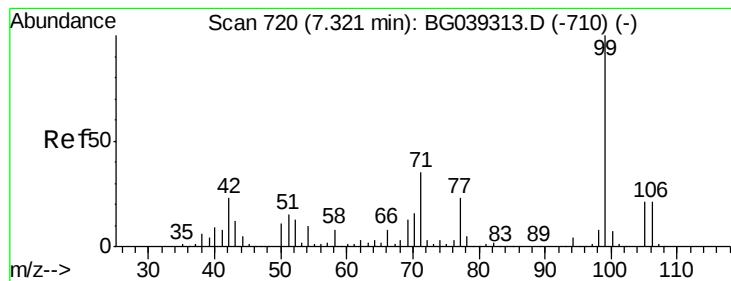
2-Fluorophenol
Concen: 39.118 ng
RT: 5.71 min Scan# 447
Delta R.T. -0.00 min
Lab File: BG039341.D
Acq: 30 Jan 2019 23:52

Tgt Ion:112 Resp: 101170
Ion Ratio Lower Upper
112 100
64 71.6 57.8 86.8
63 36.9 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: 23.656 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG039341.D

Acq: 30 Jan 2019 23:52

Instrument :

BNA_G

ClientSampleId :

012819-TIPC-E-U-M

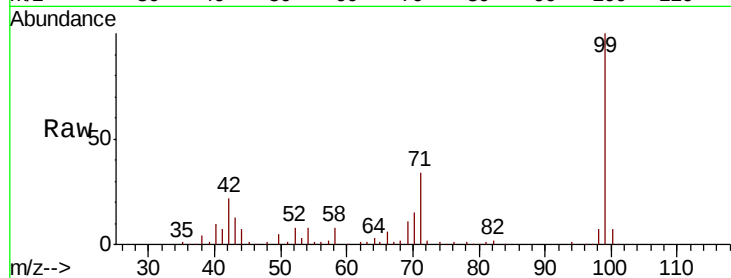
Tgt Ion: 99 Resp: 90057

Ion Ratio Lower Upper

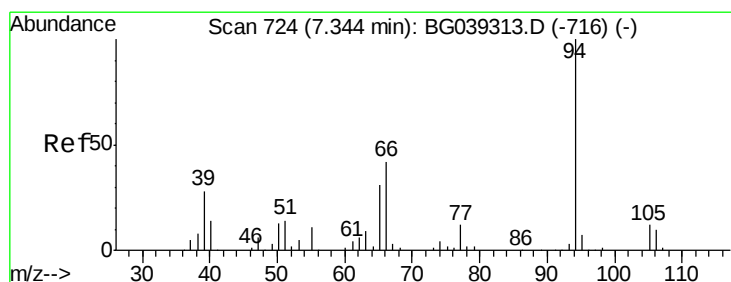
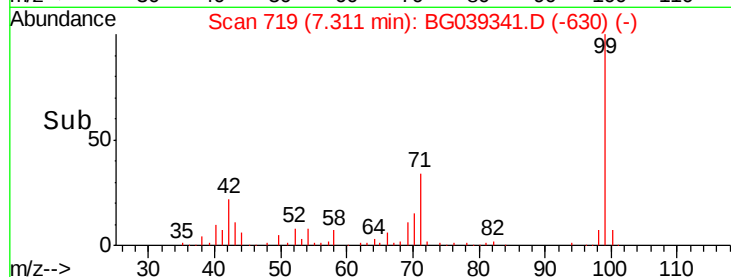
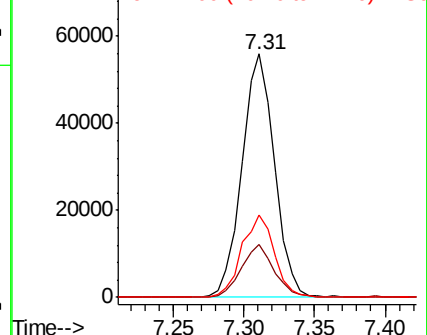
99 100

42 21.6 18.2 27.2

71 34.1 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#10

Phenol

Concen: 5.136 ng

RT: 7.34 min Scan# 724

Delta R.T. -0.00 min

Lab File: BG039341.D

Acq: 30 Jan 2019 23:52

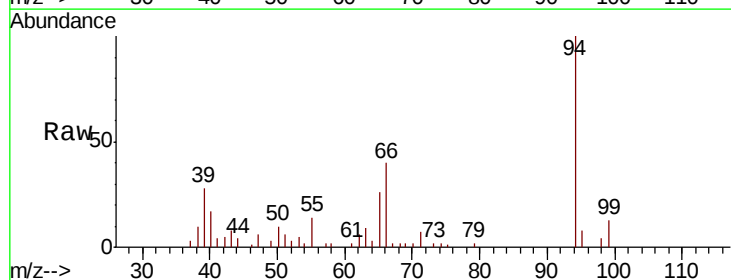
Tgt Ion: 94 Resp: 20381

Ion Ratio Lower Upper

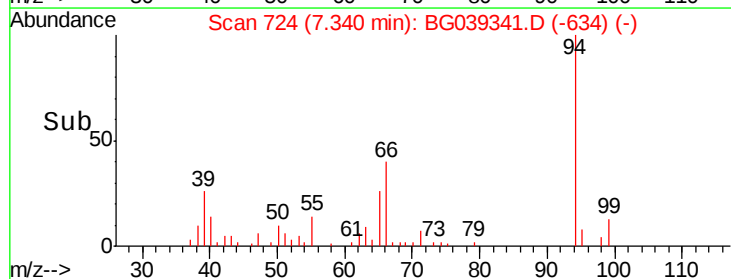
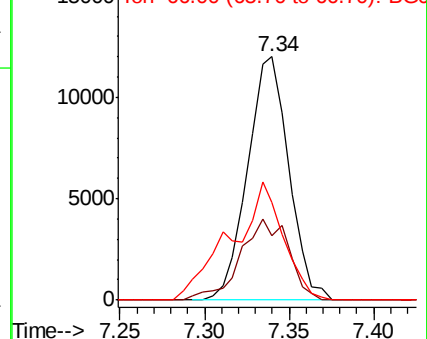
94 100

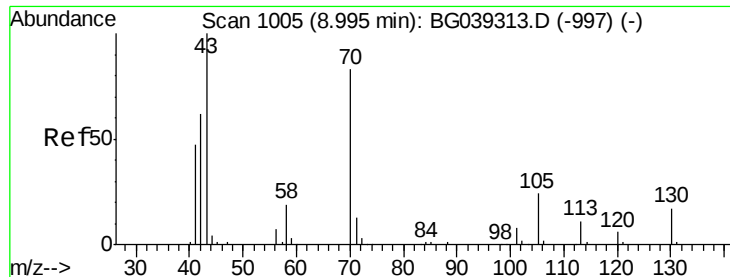
65 26.4 11.7 51.7

66 40.3 23.7 63.7



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

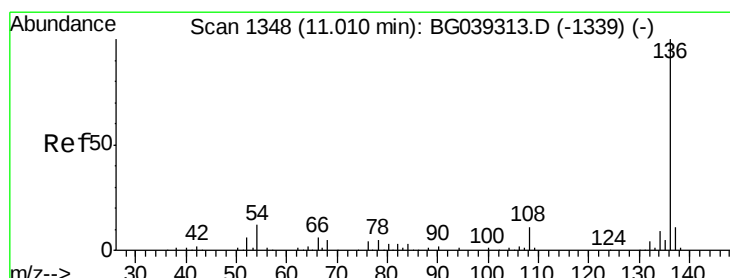
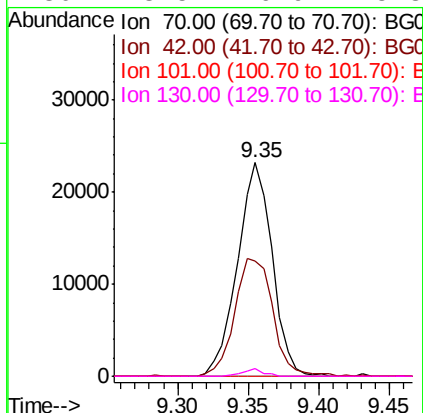
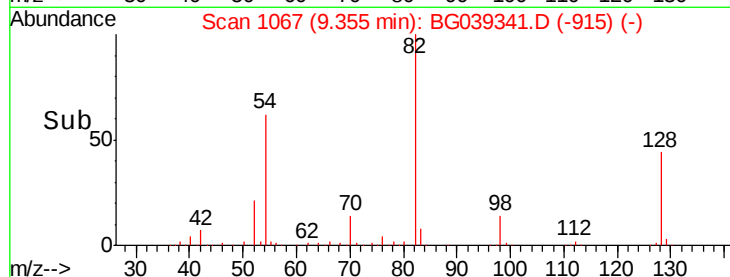
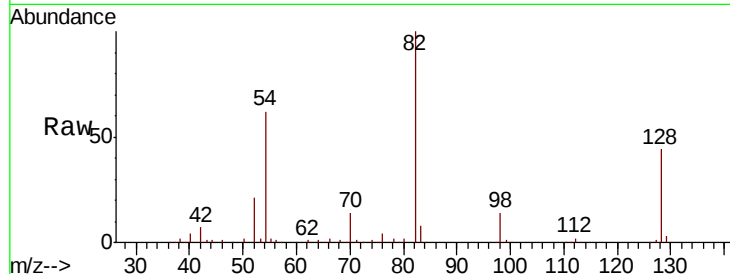




#19
n-Nitroso-di-n-propylamine
Concen: 14.773 ng
RT: 9.35 min Scan# 1067
Delta R.T. 0.36 min
Lab File: BG039341.D
Acq: 30 Jan 2019 23:52

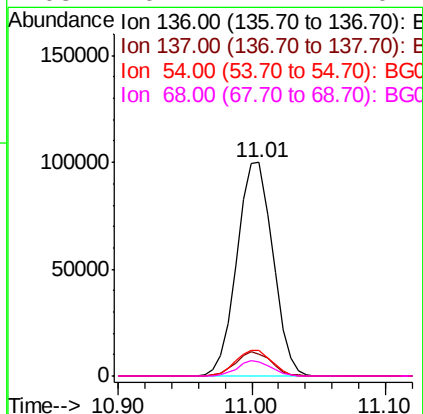
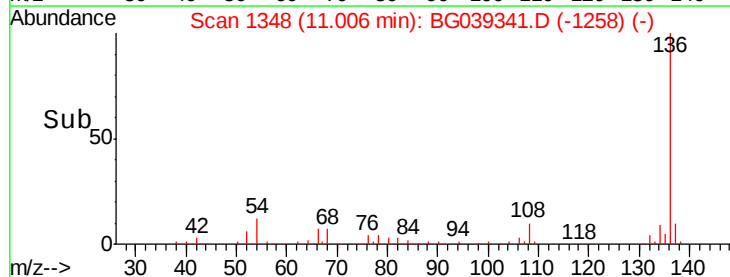
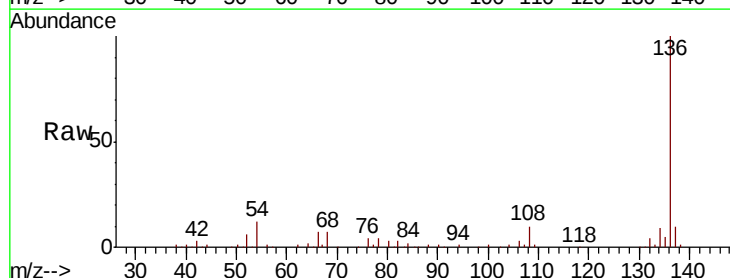
Instrument :
BNA_G
ClientSampleId :
012819-TIPC-E-U-M

Tgt Ion: 70 Resp: 39917
Ion Ratio Lower Upper
70 100
42 54.1 60.4 90.6#
101 0.0 7.5 11.3#
130 3.5 16.9 25.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.01 min Scan# 1348
Delta R.T. -0.00 min
Lab File: BG039341.D
Acq: 30 Jan 2019 23:52

Tgt Ion: 136 Resp: 186465
Ion Ratio Lower Upper
136 100
137 10.5 9.1 13.7
54 12.1 9.4 14.2
68 6.7 4.2 6.4#

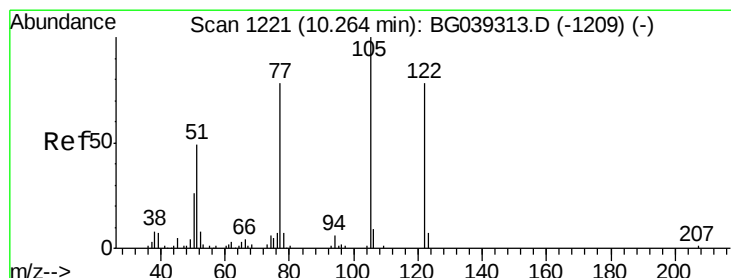
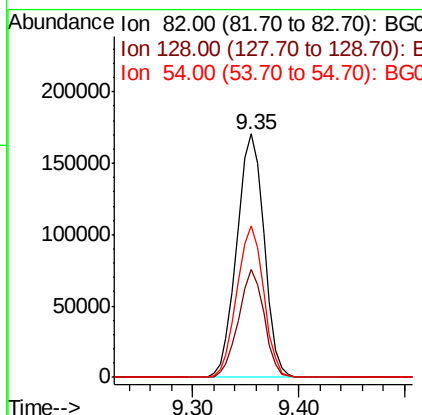
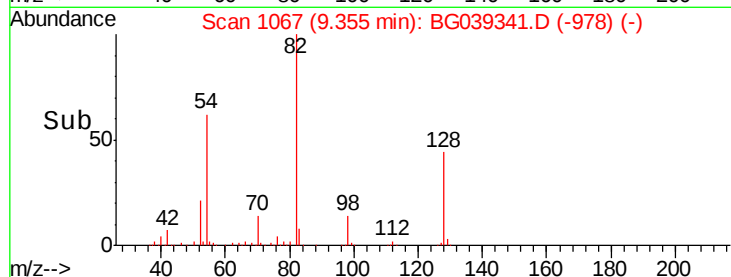
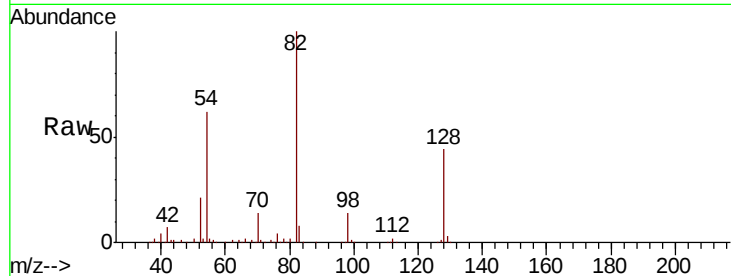




#23
 Nitrobenzene-d5
 Concen: 101.820 ng
 RT: 9.35 min Scan# 1067
 Delta R.T. -0.01 min
 Lab File: BG039341.D
 Acq: 30 Jan 2019 23:52

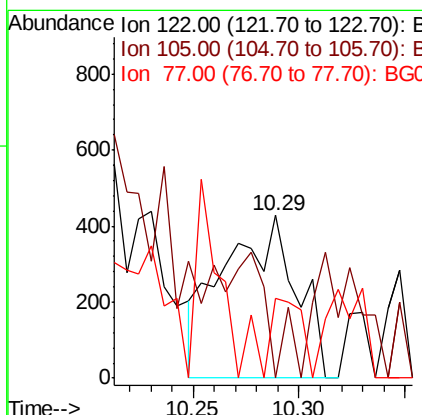
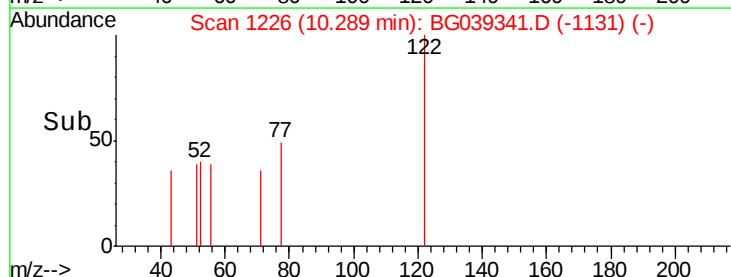
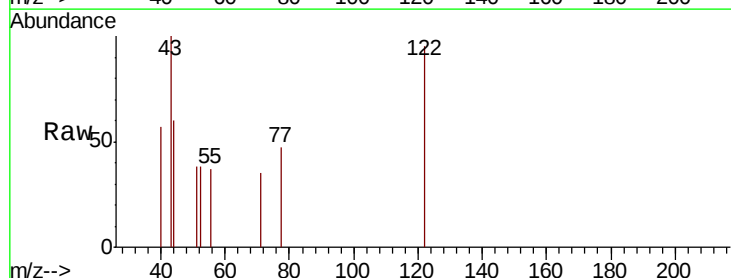
Instrument :
 BNA_G
 ClientSampleId :
 012819-TIPC-E-U-M

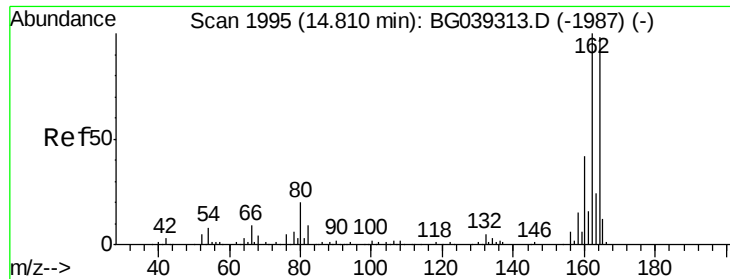
Tgt Ion: 82 Resp: 303913
 Ion Ratio Lower Upper
 82 100
 128 44.5 31.3 46.9
 54 62.1 50.9 76.3



#32
 Benzoic acid
 Concen: 9.495 ng
 RT: 10.29 min Scan# 1226
 Delta R.T. 0.03 min
 Lab File: BG039341.D
 Acq: 30 Jan 2019 23:52

Tgt Ion: 122 Resp: 1023
 Ion Ratio Lower Upper
 122 100
 105 0.0 101.8 141.8#
 77 49.1 76.3 116.3#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.80 min Scan# 1994

Delta R.T. -0.01 min

Lab File: BG039341.D

Acq: 30 Jan 2019 23:52

Instrument :

BNA_G

ClientSampleId :

012819-TIPC-E-U-M

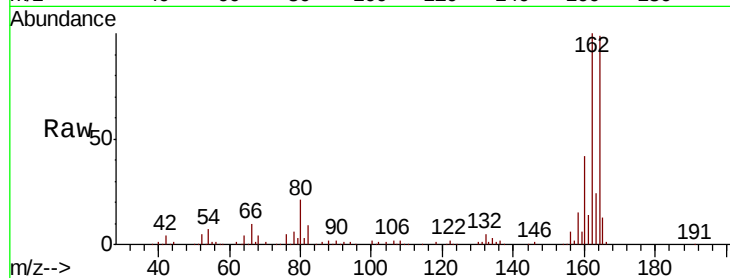
Tgt Ion:164 Resp: 128449

Ion Ratio Lower Upper

164 100

162 101.5 81.6 122.4

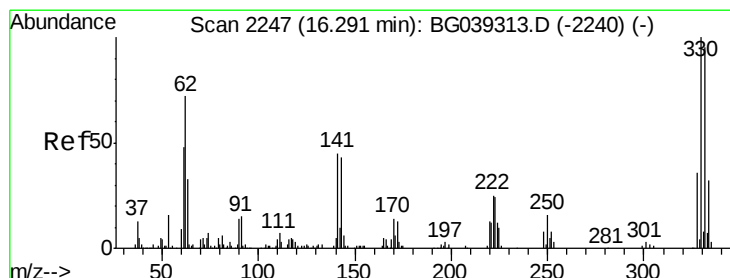
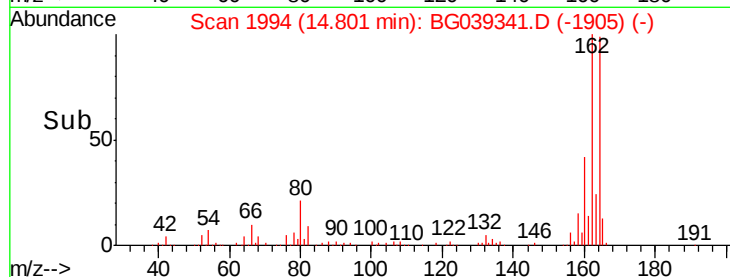
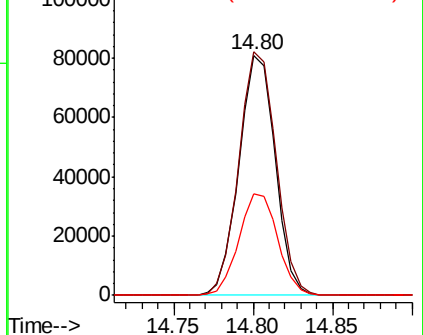
160 42.4 34.2 51.2



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: 95.038 ng

RT: 16.29 min Scan# 2247

Delta R.T. -0.00 min

Lab File: BG039341.D

Acq: 30 Jan 2019 23:52

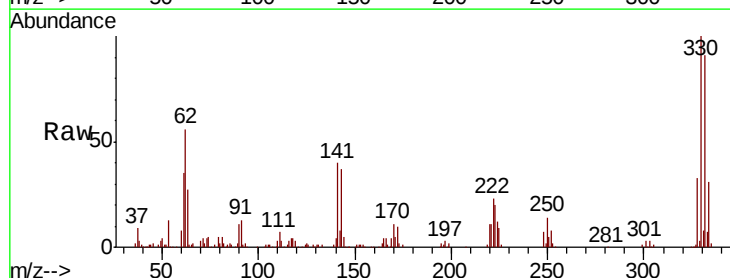
Tgt Ion:330 Resp: 131454

Ion Ratio Lower Upper

330 100

332 95.9 75.7 113.5

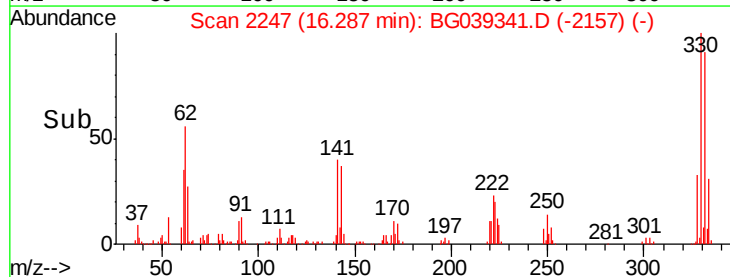
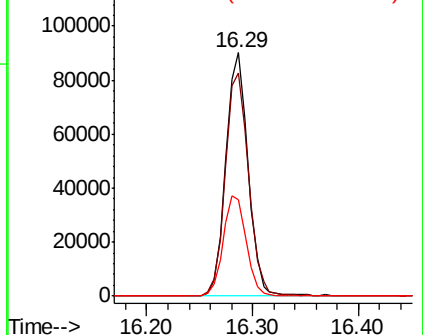
141 42.8 35.6 53.4

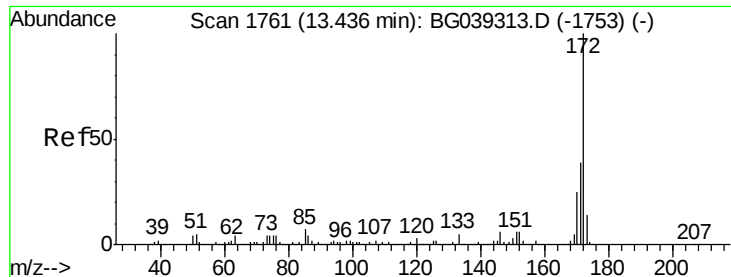


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

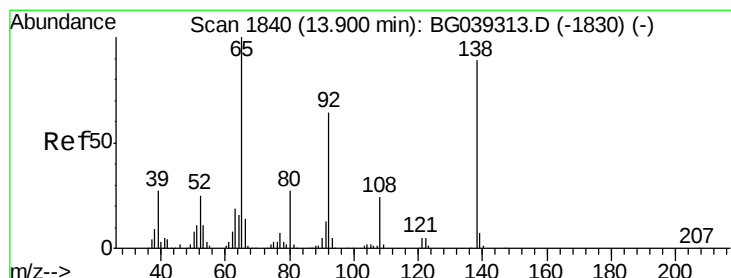
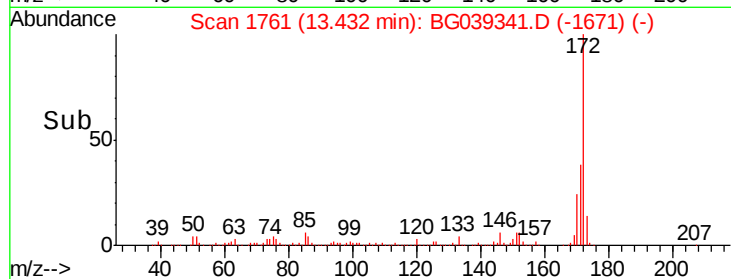
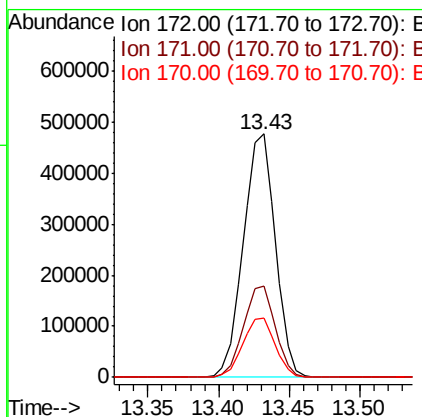
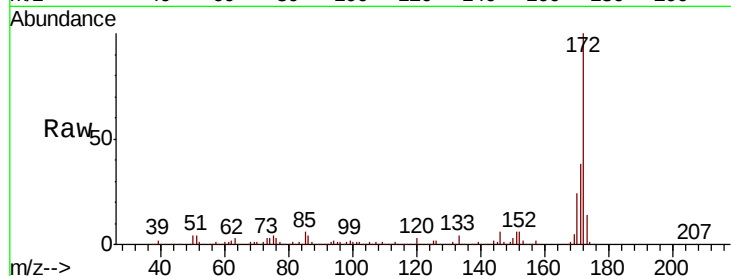




#45
 2-Fluorobiphenyl
 Concen: 84.699 ng
 RT: 13.43 min Scan# 1761
 Delta R.T. -0.00 min
 Lab File: BG039341.D
 Acq: 30 Jan 2019 23:52

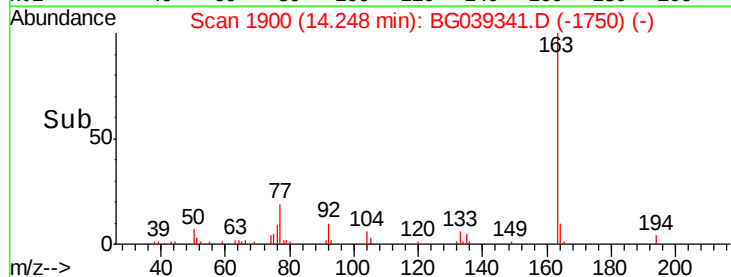
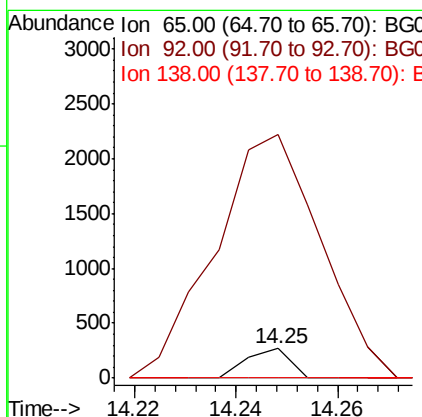
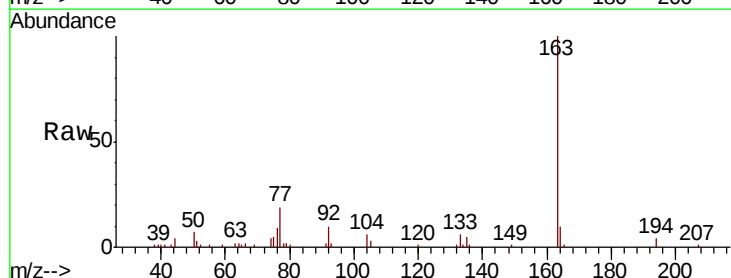
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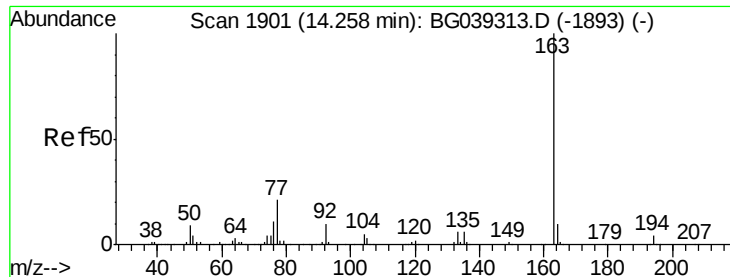
Tgt Ion: 172 Resp: 758388
 Ion Ratio Lower Upper
 172 100
 171 37.7 30.8 46.2
 170 24.2 20.2 30.4



#48
 2-Nitroaniline
 Concen: 8.354 ng
 RT: 14.25 min Scan# 1900
 Delta R.T. 0.35 min
 Lab File: BG039341.D
 Acq: 30 Jan 2019 23:52

Tgt Ion: 65 Resp: 161
 Ion Ratio Lower Upper
 65 100
 92 822.6 51.4 77.2#
 138 0.0 71.4 107.2#





#50

Dimethylphthalate

Concen: 3.105 ng

RT: 14.25 min Scan# 1900

Delta R.T. -0.01 min

Lab File: BG039341.D

Acq: 30 Jan 2019 23:52

Instrument :

BNA_G

ClientSampleId :

012819-TIPC-E-U-M

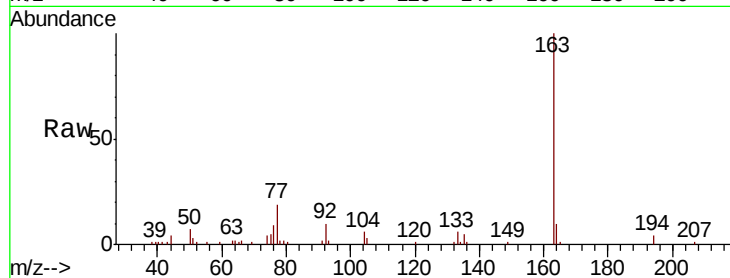
Tgt Ion:163 Resp: 32209

Ion Ratio Lower Upper

163 100

194 4.0 3.6 5.4

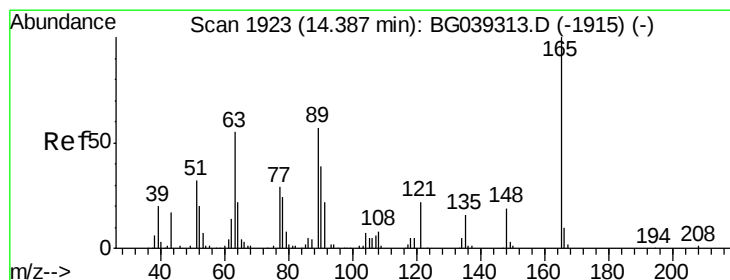
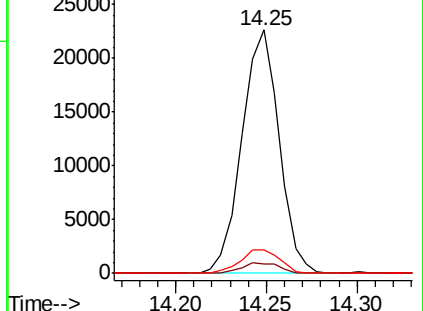
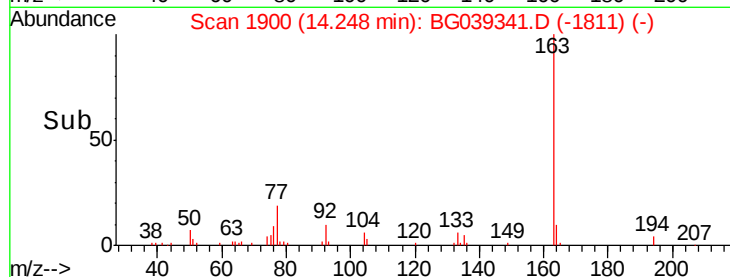
164 9.8 8.4 12.6



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: 13.881 ng

RT: 14.80 min Scan# 1994

Delta R.T. 0.41 min

Lab File: BG039341.D

Acq: 30 Jan 2019 23:52

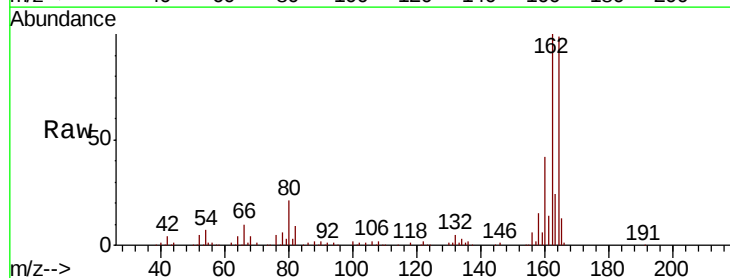
Tgt Ion:165 Resp: 16444

Ion Ratio Lower Upper

165 100

63 1.9 47.0 70.6#

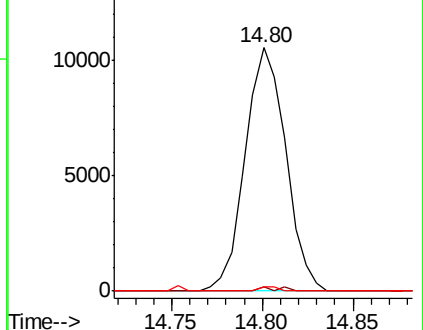
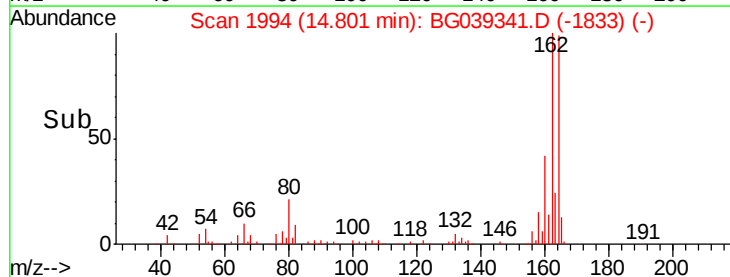
89 1.8 45.8 68.8#

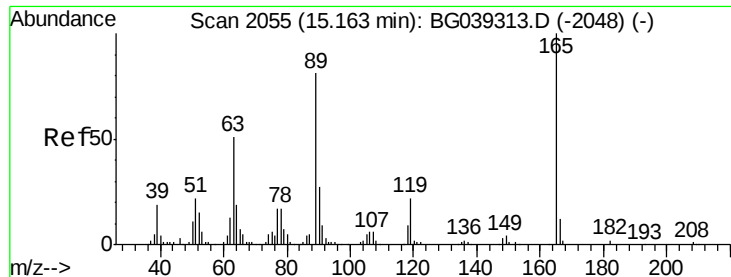


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

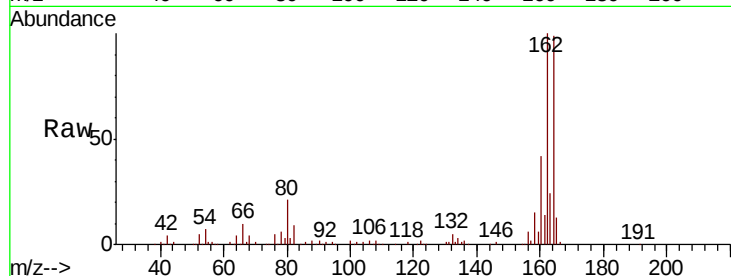




#57
 2,4-Dinitrotoluene
 Concen: 13.367 ng
 RT: 14.80 min Scan# 1994
 Delta R.T. -0.36 min
 Lab File: BG039341.D
 Acq: 30 Jan 2019 23:52

Instrument :
 BNA_G
 ClientSampleId :
 012819-TIPC-E-U-M

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.9	41.0	61.6#
89	1.8	64.6	96.8#
182	0.0	2.0	3.0#



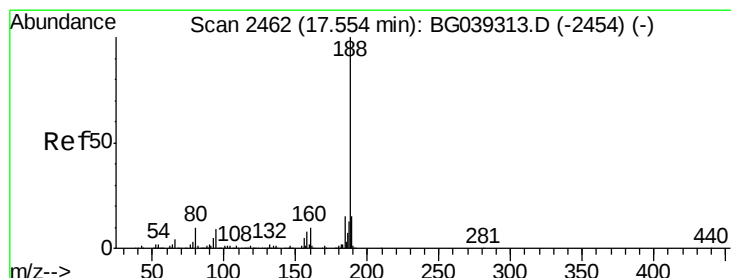
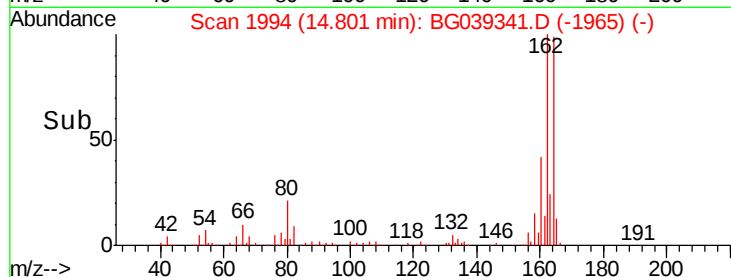
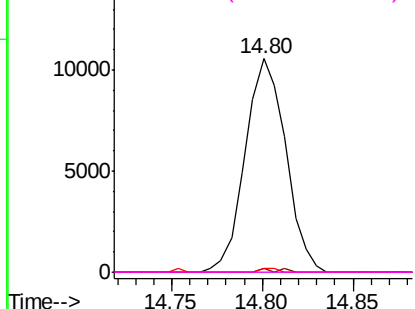
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

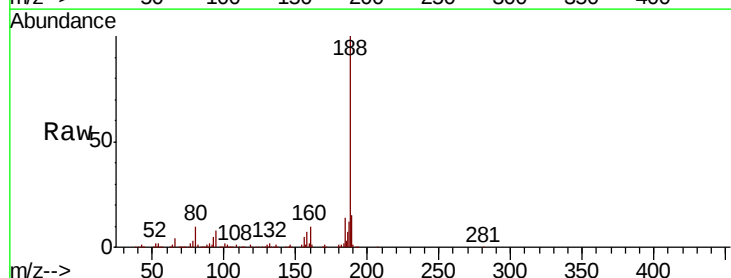
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.54 min Scan# 2461
 Delta R.T. -0.01 min
 Lab File: BG039341.D
 Acq: 30 Jan 2019 23:52

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.1	6.9	10.3
80	10.4	8.1	12.1

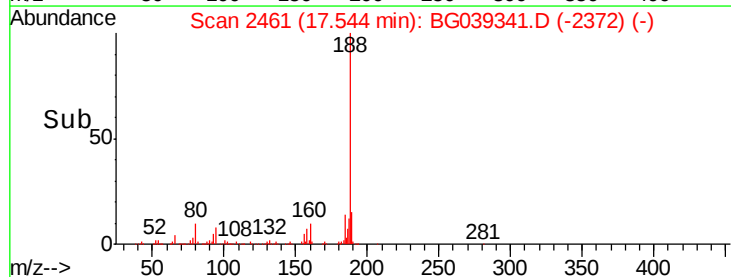
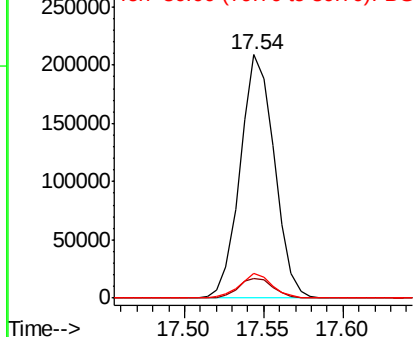


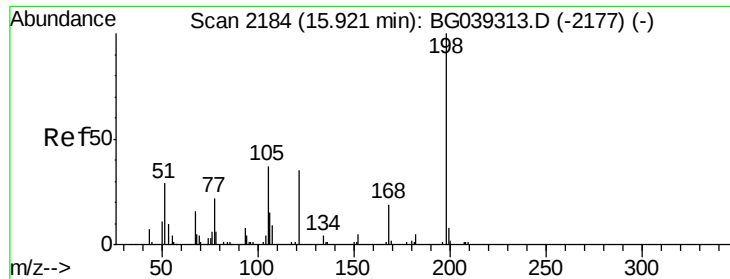
Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

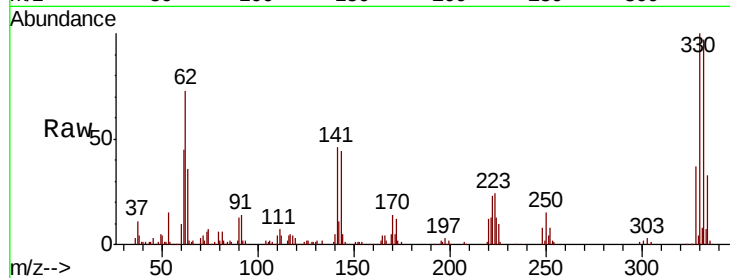




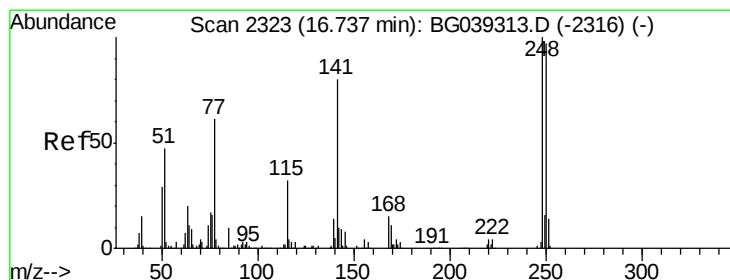
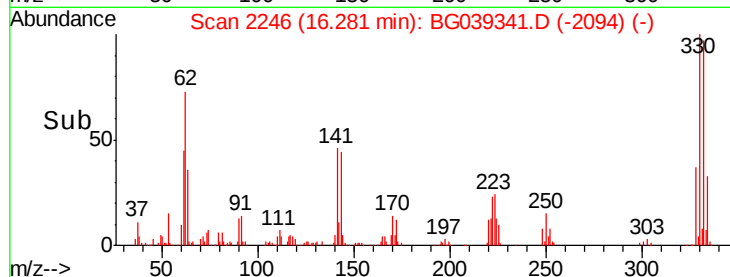
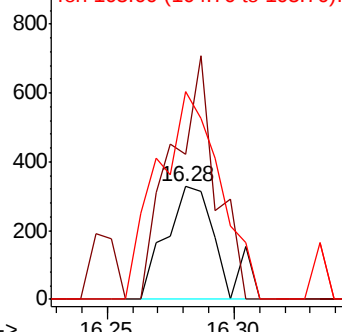
#65
 4,6-Dinitro-2-methylphenol
 Concen: 4.655 ng
 RT: 16.28 min Scan# 2246
 Delta R.T. 0.36 min
 Lab File: BG039341.D
 Acq: 30 Jan 2019 23:52

Instrument :
 BNA_G
 ClientSampleId :
 012819-TIPC-E-U-M

Tgt Ion:198 Resp: 467
 Ion Ratio Lower Upper
 198 100
 51 128.7 27.4 67.4#
 105 185.0 19.7 59.7#

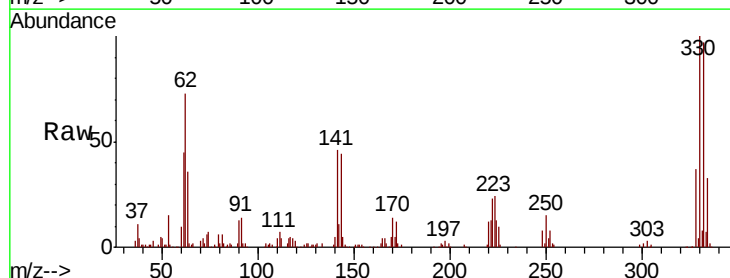


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

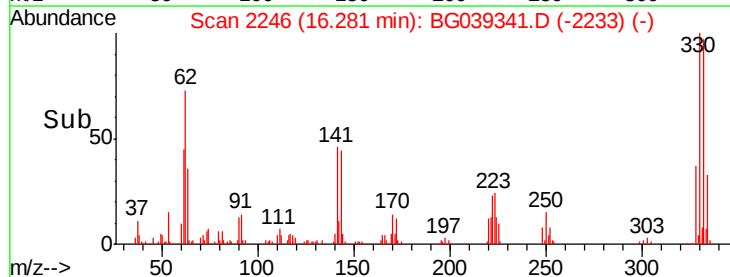
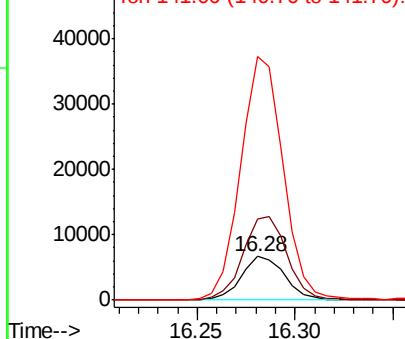


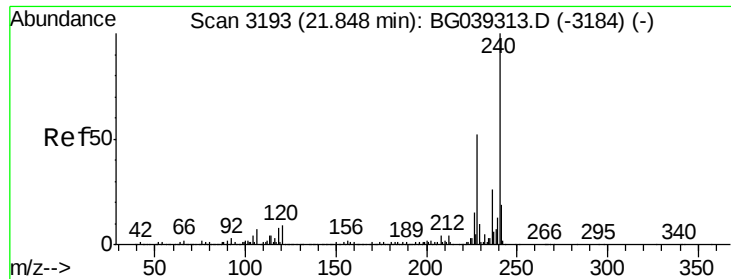
#67
 4-Bromophenyl-phenylether
 Concen: 2.941 ng
 RT: 16.28 min Scan# 2246
 Delta R.T. -0.46 min
 Lab File: BG039341.D
 Acq: 30 Jan 2019 23:52

Tgt Ion:248 Resp: 10153
 Ion Ratio Lower Upper
 248 100
 250 184.5 77.6 116.4#
 141 555.4 63.9 95.9#



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





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.84 min Scan# 3192

Delta R.T. -0.01 min

Lab File: BG039341.D

Acq: 30 Jan 2019 23:52

Instrument :

BNA_G

ClientSampleId :

012819-TIPC-E-U-M

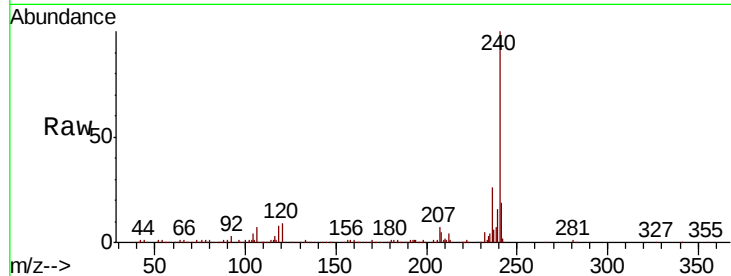
Tgt Ion:240 Resp: 331794

Ion Ratio Lower Upper

240 100

120 9.2 7.0 10.6

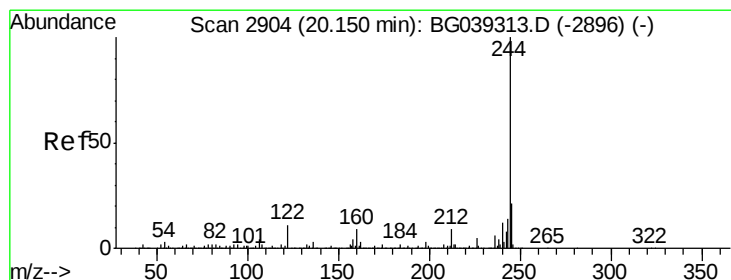
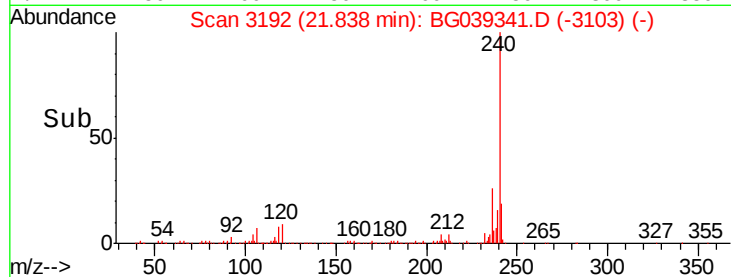
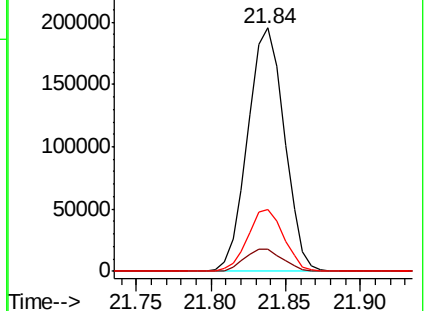
236 25.6 21.0 31.4



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: 67.752 ng

RT: 20.14 min Scan# 2903

Delta R.T. -0.01 min

Lab File: BG039341.D

Acq: 30 Jan 2019 23:52

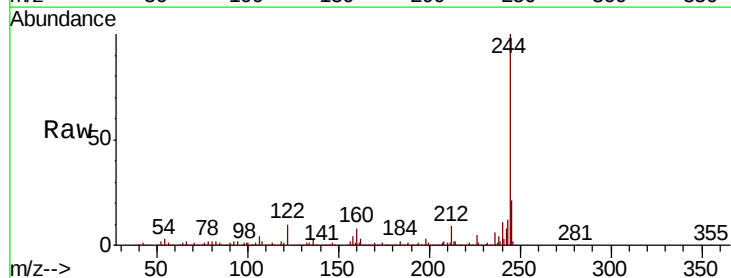
Tgt Ion:244 Resp: 1062024

Ion Ratio Lower Upper

244 100

212 8.8 7.3 10.9

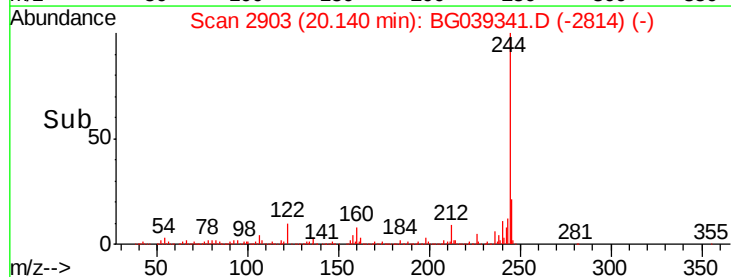
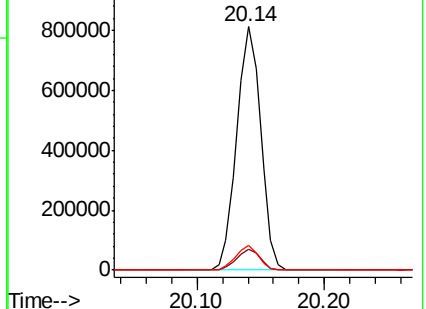
122 10.0 8.4 12.6

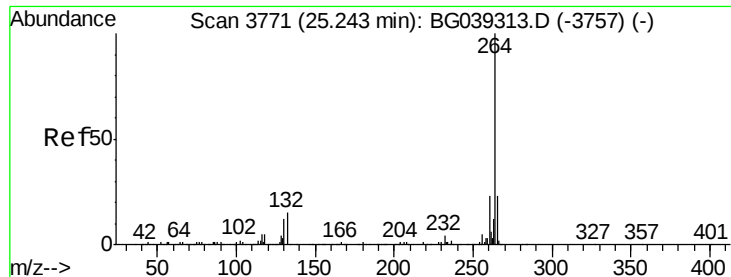


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.23 min Scan# 3769
Delta R.T. -0.02 min
Lab File: BG039341.D
Acq: 30 Jan 2019 23:52

Instrument :
BNA_G
ClientSampleId :
012819-TIPC-E-U-M

Tgt Ion:	264	Resp:	326976
Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.2	27.4
265	23.0	18.5	27.7

