

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG012519\
 Data File : BG039284.D
 Acq On : 25 Jan 2019 18:41
 Operator : JU/SJ
 Sample : K1234-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WWB-1

Quant Time: Jan 28 03:14:17 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 18 04:20:14 2019
 Response via : Initial Calibration

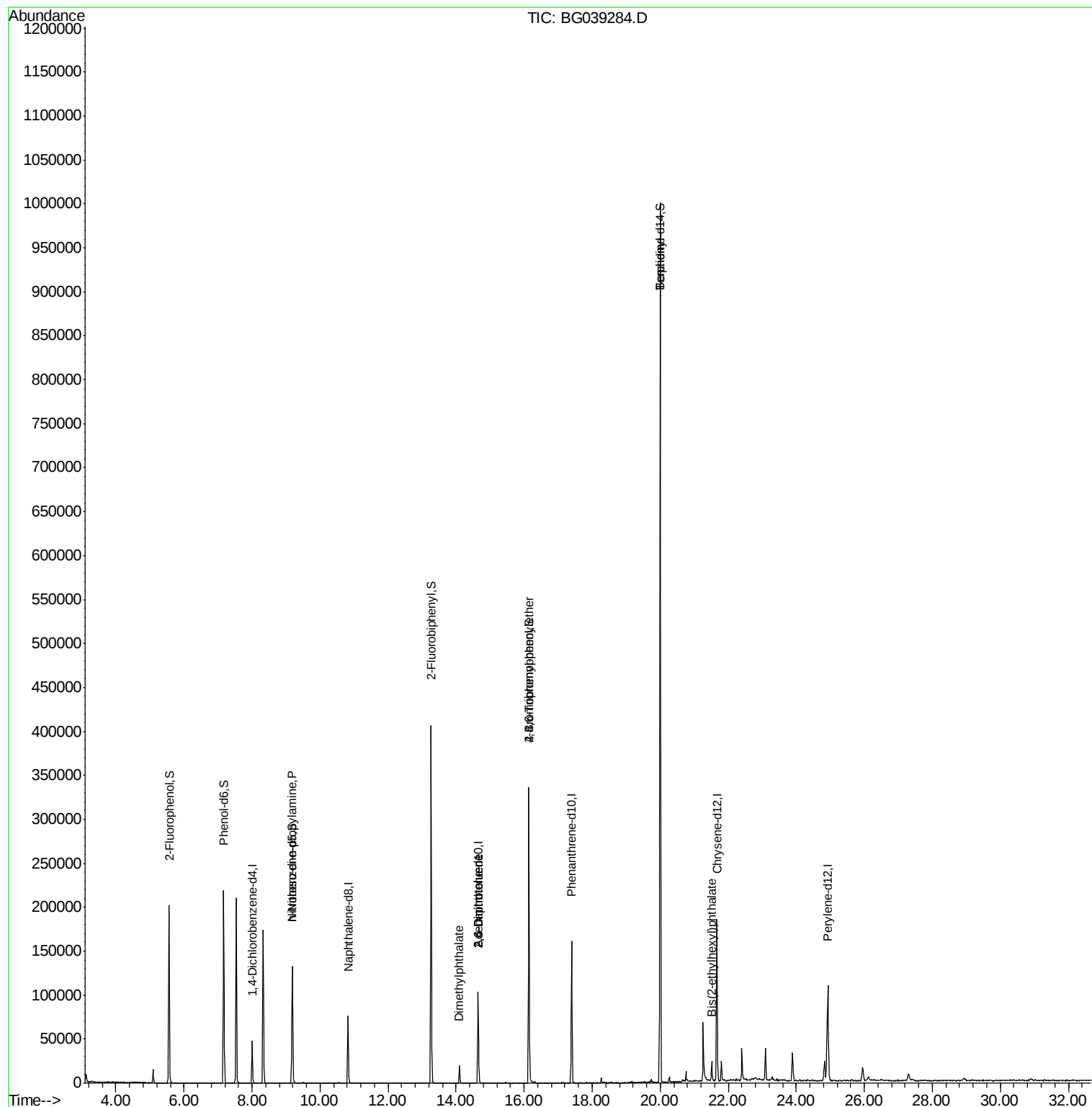
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	14800	20.00	ng	-0.01
21) Naphthalene-d8	10.83	136	72633	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	38921	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	107702	20.00	ng	-0.01
76) Chrysene-d12	21.67	240	118844	20.00	ng	-0.02
87) Perylene-d12	24.93	264	132349	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	91374	117.12	ng	0.00
7) Phenol-d6	7.16	99	128031	114.03	ng	-0.01
23) Nitrobenzene-d5	9.19	82	83050	62.57	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	76657	117.50	ng	-0.01
45) 2-Fluorobiphenyl	13.26	172	232788	81.85	ng	-0.01
79) Terphenyl-d14	20.00	244	518434	80.70	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.19	70	10982	14.895	ng	Qvalue # 65
50) Dimethylphthalate	14.10	163	16429	4.995	ng	99
51) 2,6-Dinitrotoluene	14.64	165	5166	7.025	ng	# 24
57) 2,4-Dinitrotoluene	14.64	165	5166	4.897	ng	# 26
67) 4-Bromophenyl-phenylether	16.14	248	5078	3.668	ng	# 1
77) Benzidine	20.00	184	8282	2.278	ng	97
84) Bis(2-ethylhexyl)phthalate	21.51	149	10085	2.521	ng	# 91

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

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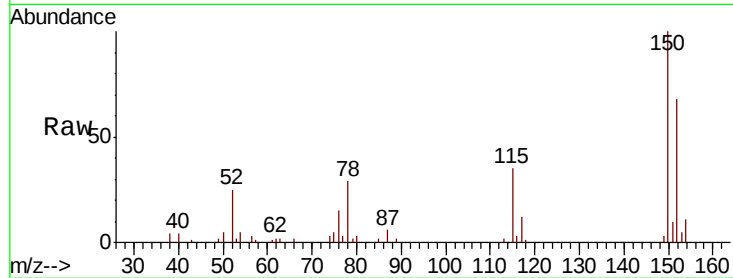


#1

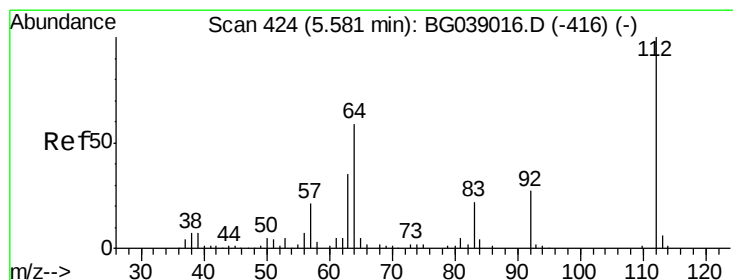
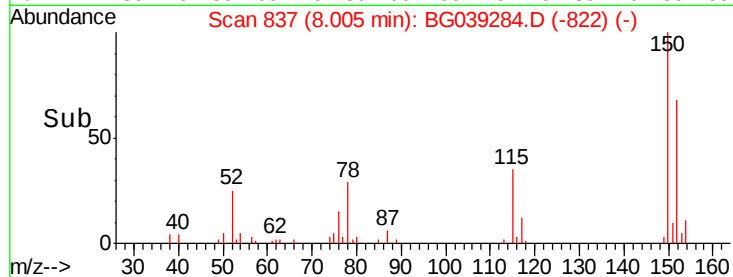
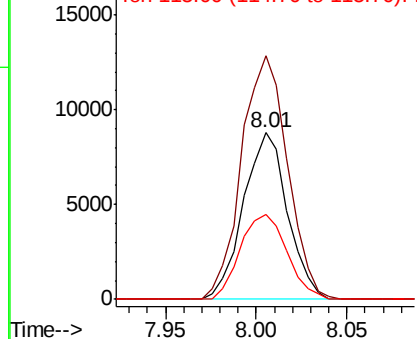
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. -0.01 min
Lab File: BG039284.D
Acq: 25 Jan 2019 18:41

Instrument :
BNA_G
ClientSampleId :
WWB-1

Tgt Ion:152 Resp: 14800
Ion Ratio Lower Upper
152 100
150 146.0 124.7 187.1
115 51.2 46.5 69.7



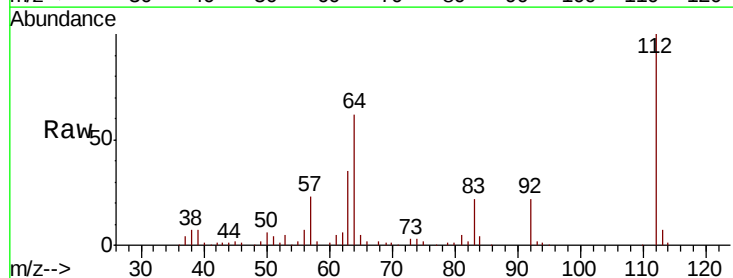
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



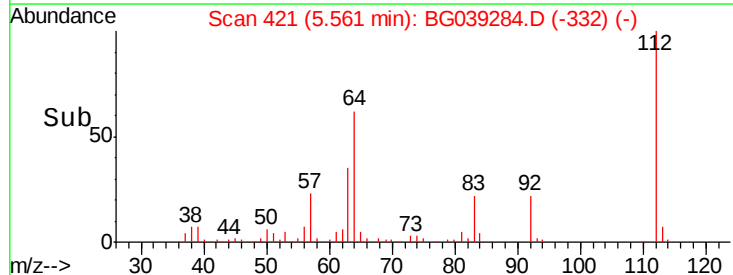
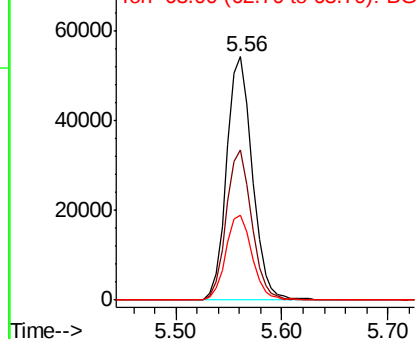
#5

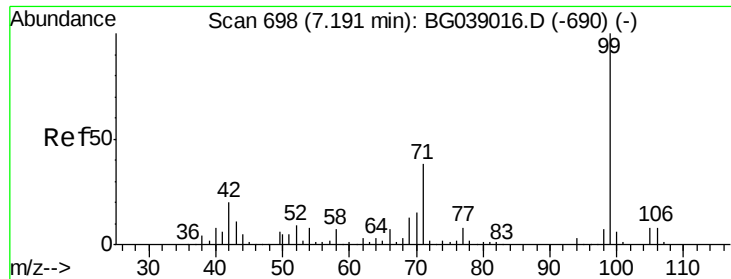
2-Fluorophenol
Concen: 117.118 ng
RT: 5.56 min Scan# 421
Delta R.T. -0.00 min
Lab File: BG039284.D
Acq: 25 Jan 2019 18:41

Tgt Ion:112 Resp: 91374
Ion Ratio Lower Upper
112 100
64 61.6 47.0 70.6
63 34.6 28.0 42.0



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: 114.029 ng

RT: 7.16 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG039284.D

Acq: 25 Jan 2019 18:41

Instrument :

BNA_G

ClientSampleId :

WWB-1

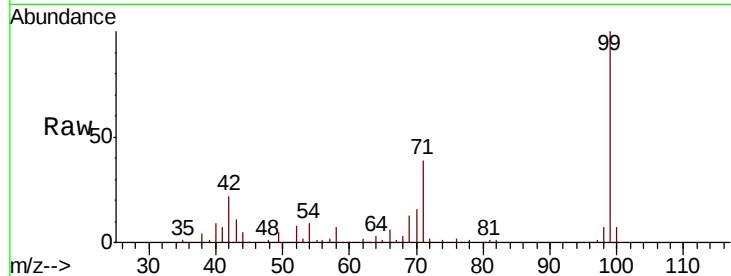
Tgt Ion: 99 Resp: 128031

Ion Ratio Lower Upper

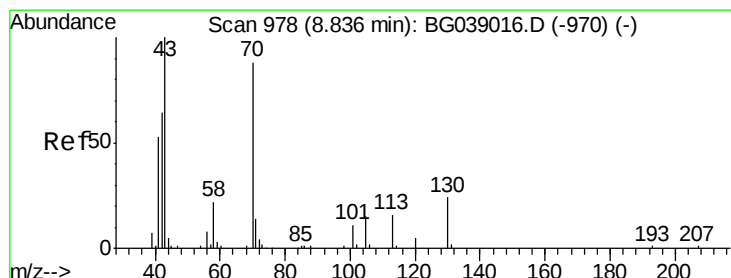
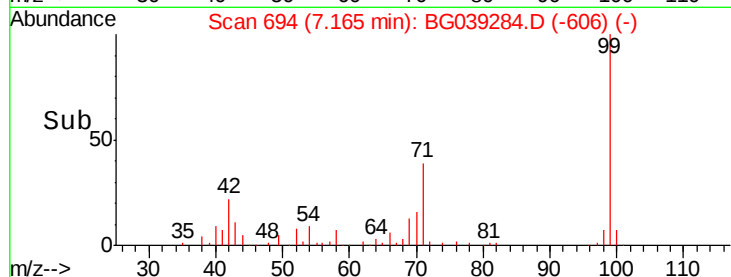
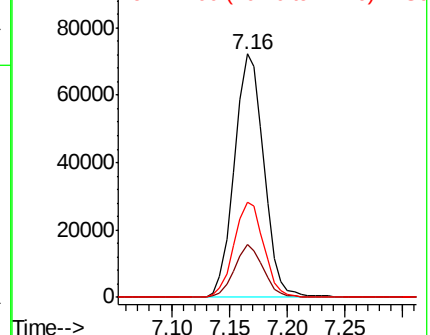
99 100

42 21.7 15.8 23.6

71 38.9 30.2 45.4



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: 14.895 ng

RT: 9.19 min Scan# 1038

Delta R.T. 0.37 min

Lab File: BG039284.D

Acq: 25 Jan 2019 18:41

Tgt Ion: 70 Resp: 10982

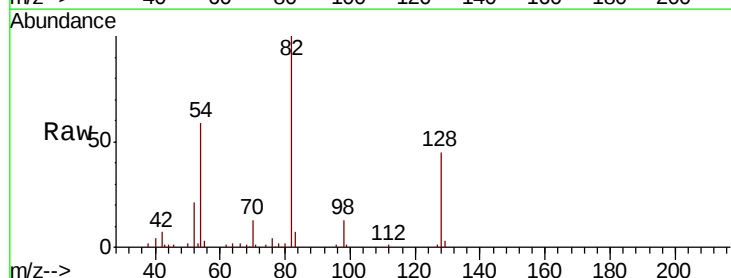
Ion Ratio Lower Upper

70 100

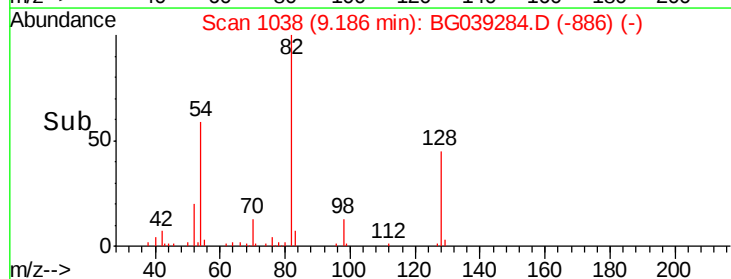
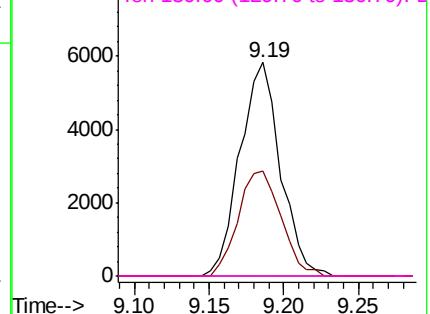
42 49.1 59.0 88.4#

101 0.0 10.4 15.6#

130 0.0 21.6 32.4#



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

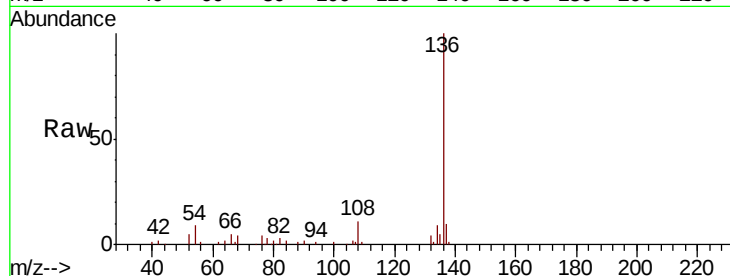




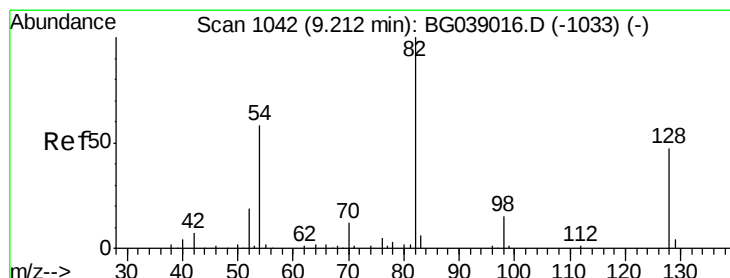
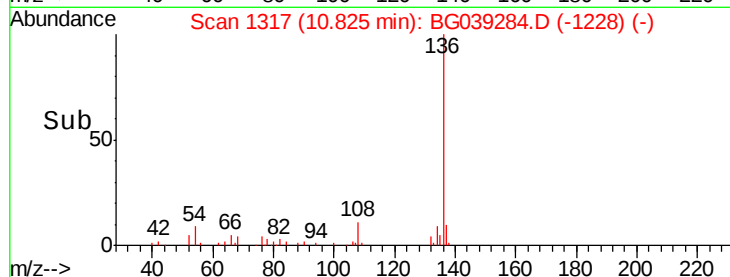
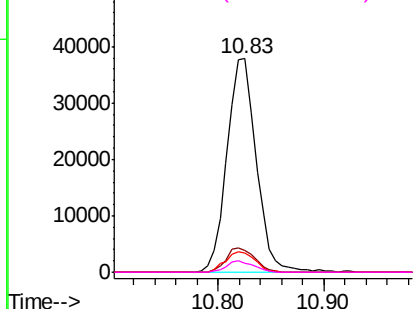
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BG039284.D
Acq: 25 Jan 2019 18:41

Instrument :
BNA_G
ClientSampleId :
WWB-1

Tgt Ion:	136	Resp:	72633
Ion	Ratio	Lower	Upper
136	100		
137	10.4	9.4	14.2
54	9.1	7.2	10.8
68	4.3	3.5	5.3

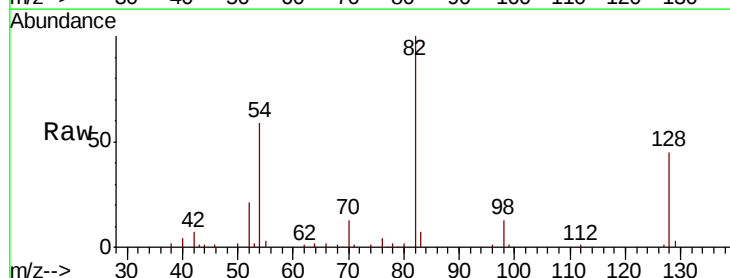


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

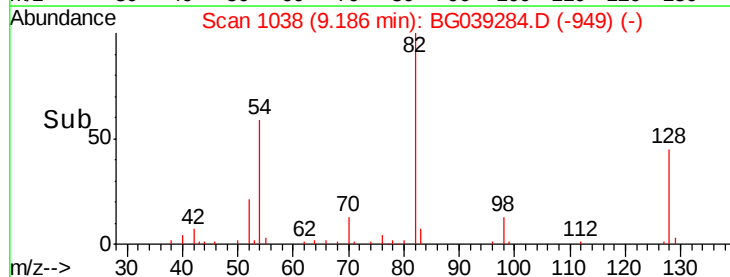
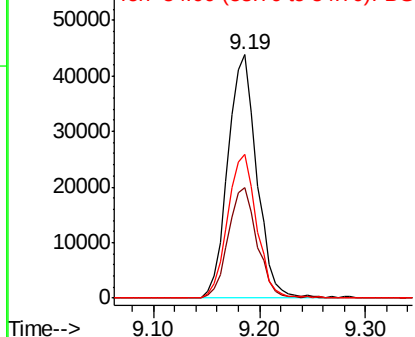


#23
Nitrobenzene-d5
Concen: 62.567 ng
RT: 9.19 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BG039284.D
Acq: 25 Jan 2019 18:41

Tgt Ion:	82	Resp:	83050
Ion	Ratio	Lower	Upper
82	100		
128	45.2	37.3	55.9
54	59.1	46.4	69.6



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.65 min Scan# 1968

Delta R.T. -0.00 min

Lab File: BG039284.D

Acq: 25 Jan 2019 18:41

Instrument :

BNA_G

ClientSampleId :

WWB-1

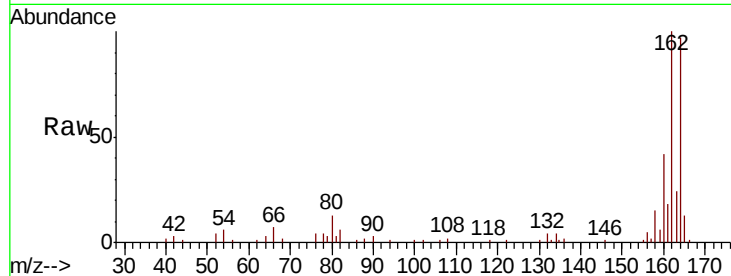
Tgt Ion:164 Resp: 38921

Ion Ratio Lower Upper

164 100

162 102.8 87.2 130.8

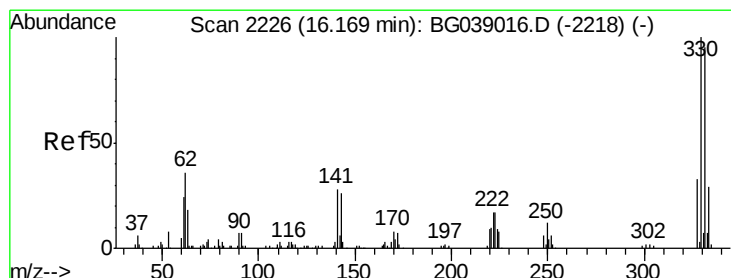
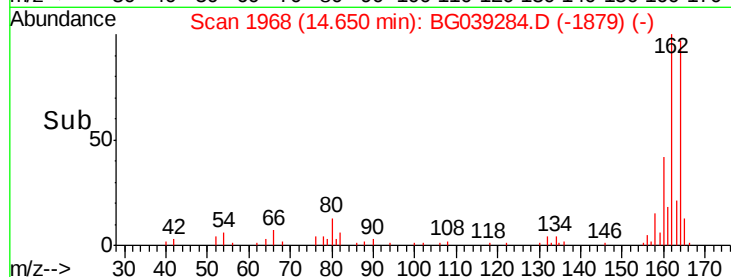
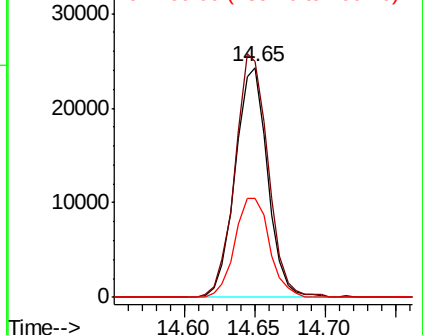
160 43.1 33.3 49.9



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: 117.496 ng

RT: 16.14 min Scan# 2222

Delta R.T. -0.01 min

Lab File: BG039284.D

Acq: 25 Jan 2019 18:41

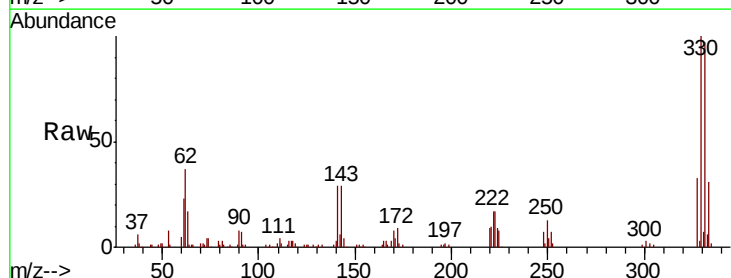
Tgt Ion:330 Resp: 76657

Ion Ratio Lower Upper

330 100

332 96.5 75.7 113.5

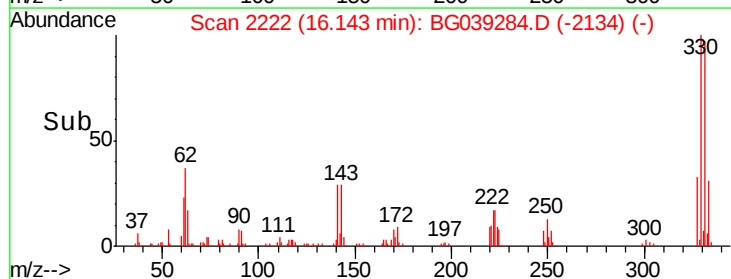
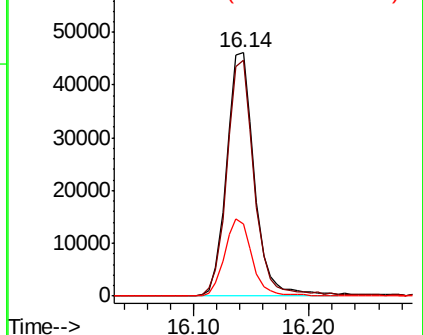
141 31.1 24.9 37.3



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

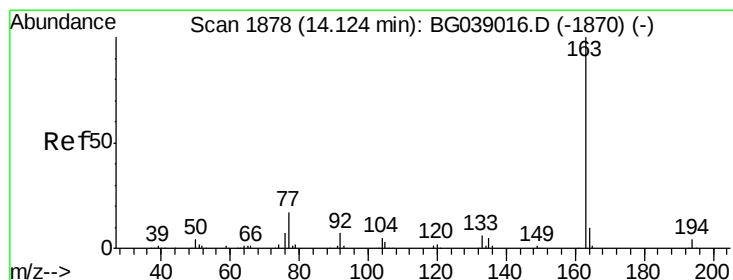
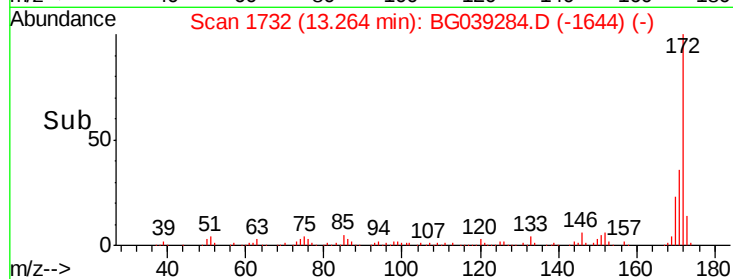
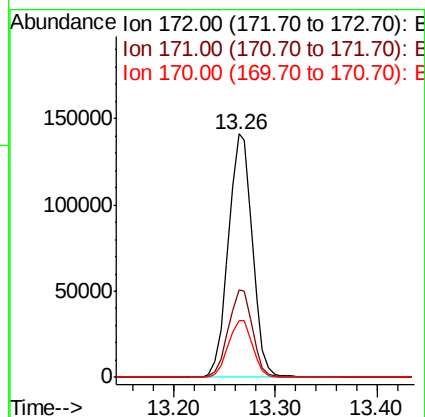
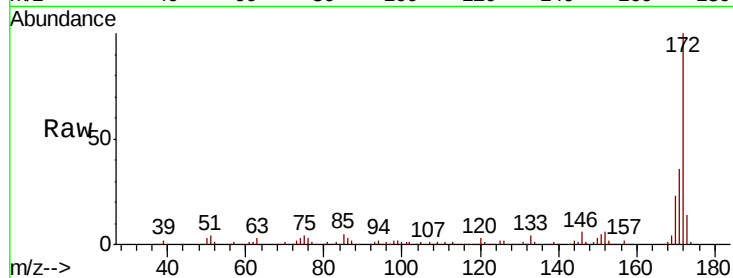




#45
 2-Fluorobiphenyl
 Concen: 81.854 ng
 RT: 13.26 min Scan# 1732
 Delta R.T. -0.01 min
 Lab File: BG039284.D
 Acq: 25 Jan 2019 18:41

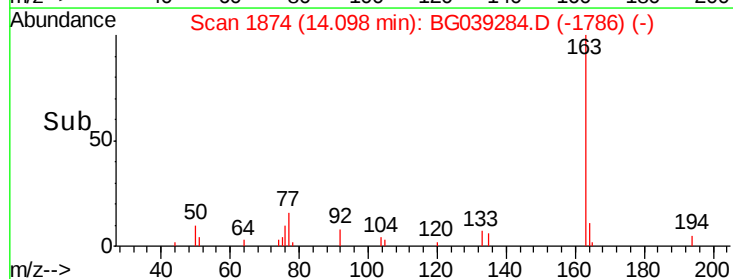
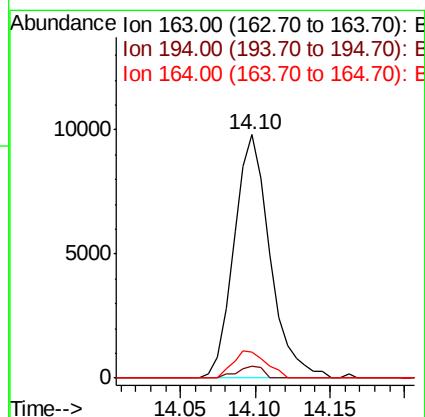
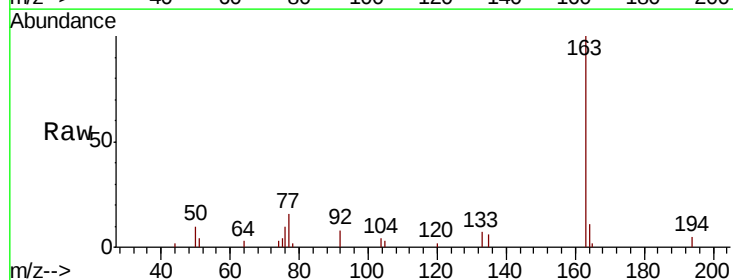
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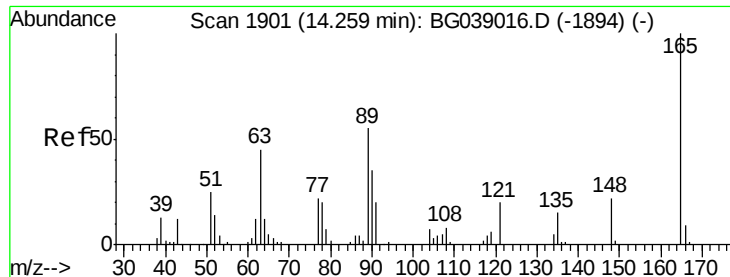
Tgt Ion:172 Resp: 232788
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.4 44.0
 170 23.2 20.1 30.1



#50
 Dimethylphthalate
 Concen: 4.995 ng
 RT: 14.10 min Scan# 1874
 Delta R.T. -0.01 min
 Lab File: BG039284.D
 Acq: 25 Jan 2019 18:41

Tgt Ion:163 Resp: 16429
 Ion Ratio Lower Upper
 163 100
 194 4.9 3.6 5.4
 164 10.6 8.2 12.2

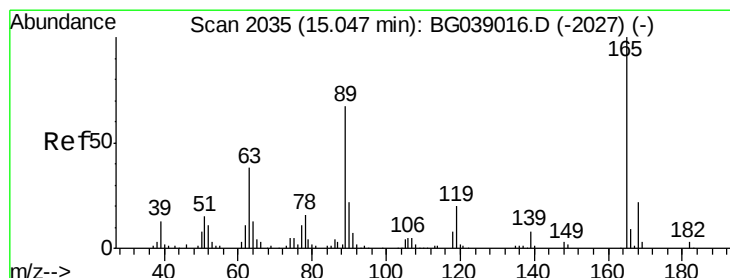
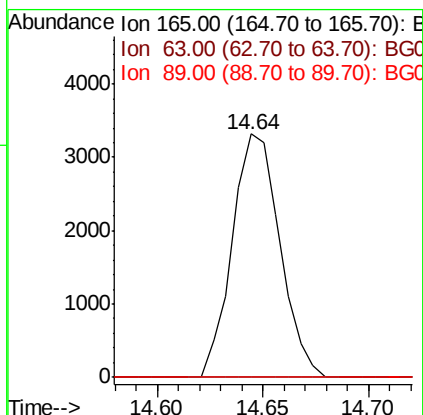
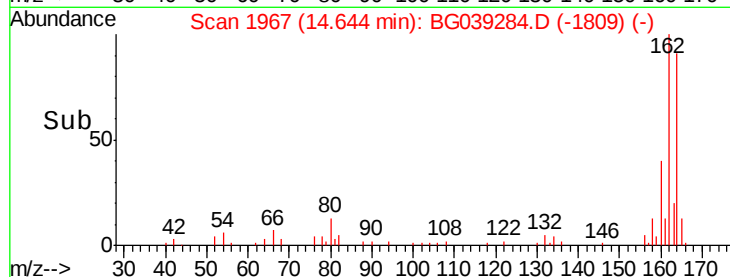
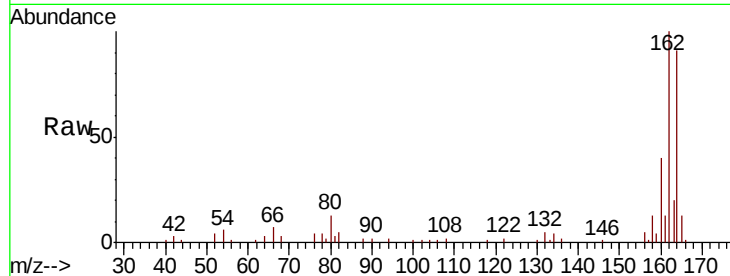




#51
 2,6-Dinitrotoluene
 Concen: 7.025 ng
 RT: 14.64 min Scan# 1967
 Delta R.T. 0.40 min
 Lab File: BG039284.D
 Acq: 25 Jan 2019 18:41

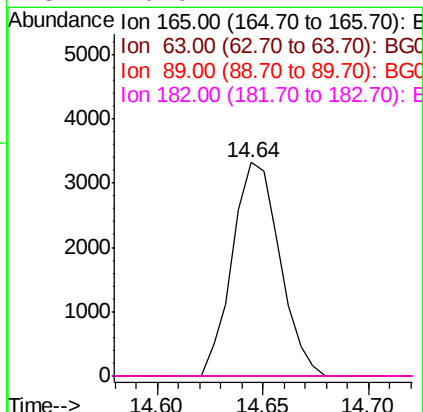
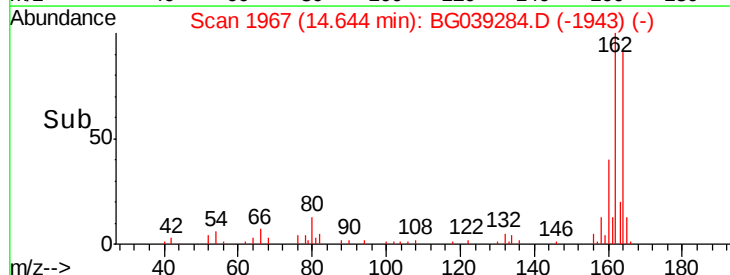
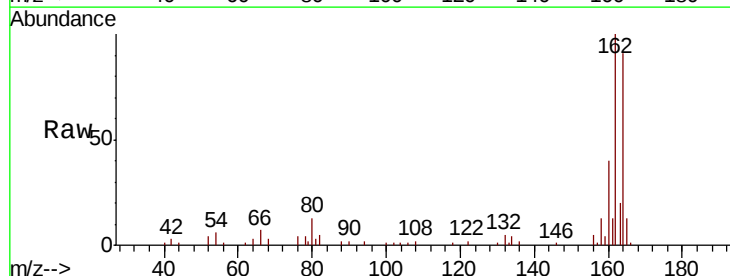
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 WWB-1

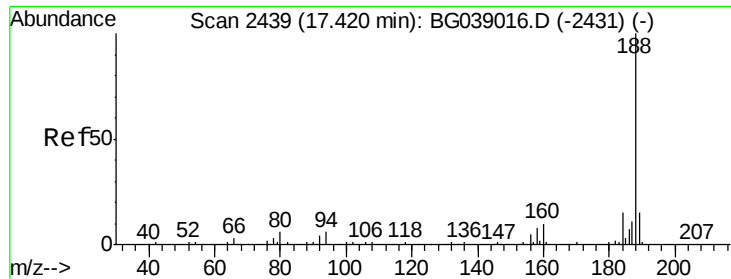
Tgt Ion:165 Resp: 5166
 Ion Ratio Lower Upper
 165 100
 63 0.0 43.6 65.4#
 89 0.0 43.7 65.5#



#57
 2,4-Dinitrotoluene
 Concen: 4.897 ng
 RT: 14.64 min Scan# 1967
 Delta R.T. -0.39 min
 Lab File: BG039284.D
 Acq: 25 Jan 2019 18:41

Tgt Ion:165 Resp: 5166
 Ion Ratio Lower Upper
 165 100
 63 0.0 30.2 45.4#
 89 0.0 53.2 79.8#
 182 0.0 2.7 4.1#

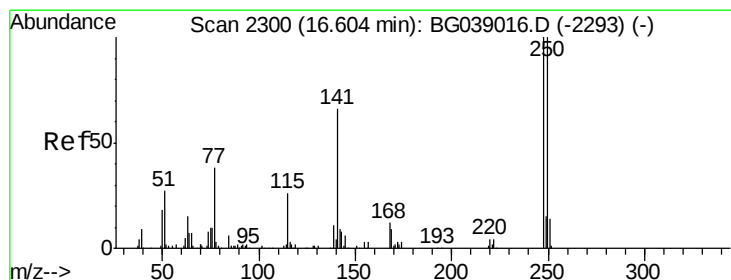
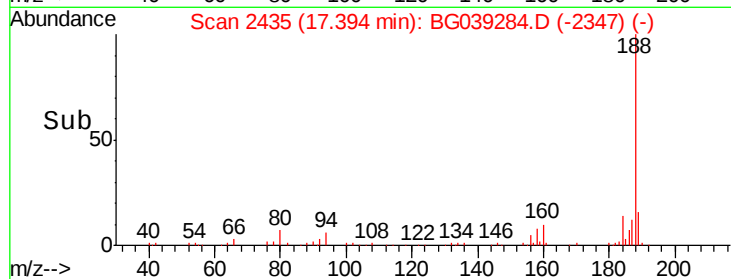
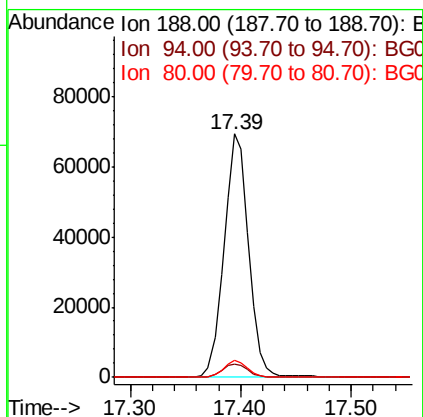
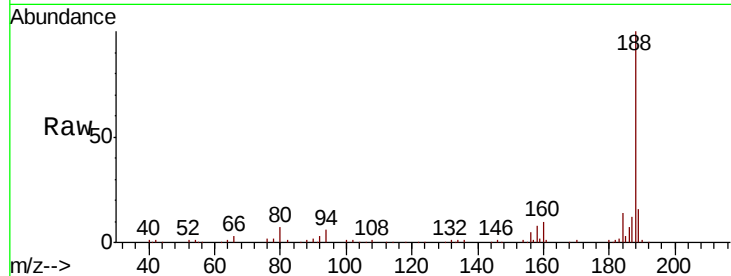




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2435
Delta R.T. -0.01 min
Lab File: BG039284.D
Acq: 25 Jan 2019 18:41

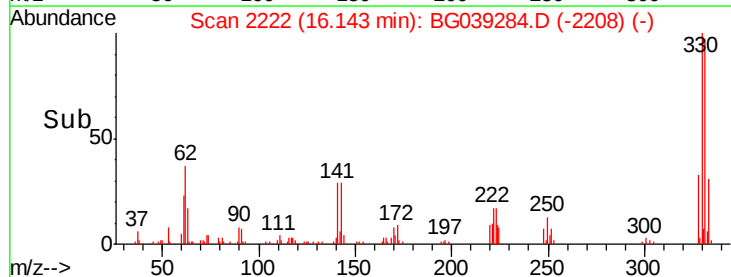
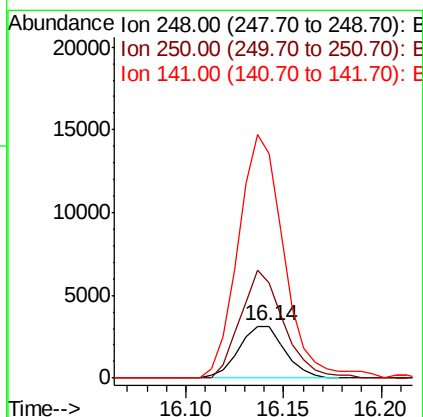
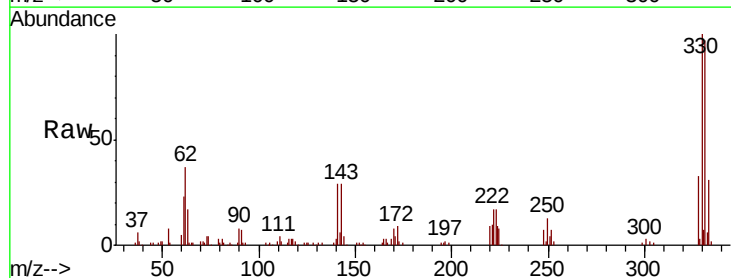
Instrument :
BNA_G
ClientSampleId :
WWB-1

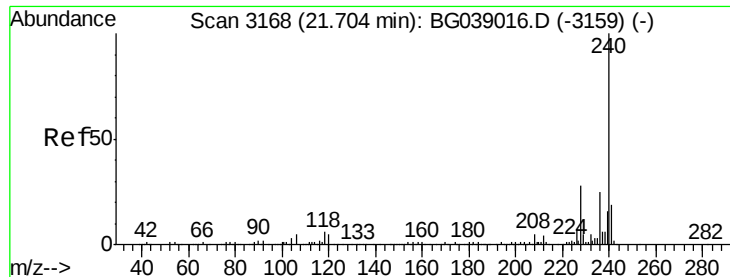
Tgt Ion:188 Resp: 107702
Ion Ratio Lower Upper
188 100
94 5.6 5.0 7.4
80 6.9 4.7 7.1



#67
4-Bromophenyl-phenylether
Concen: 3.668 ng
RT: 16.14 min Scan# 2222
Delta R.T. -0.44 min
Lab File: BG039284.D
Acq: 25 Jan 2019 18:41

Tgt Ion:248 Resp: 5078
Ion Ratio Lower Upper
248 100
250 184.2 79.9 119.9#
141 328.9 52.7 79.1#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.67 min Scan# 3162

Delta R.T. -0.02 min

Lab File: BG039284.D

Acq: 25 Jan 2019 18:41

Instrument :

BNA_G

ClientSampleId :

WWB-1

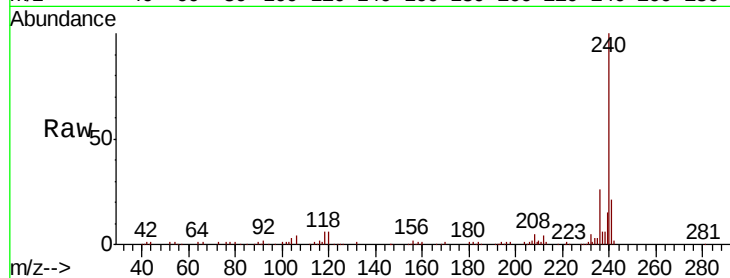
Tgt Ion:240 Resp: 118844

Ion Ratio Lower Upper

240 100

120 6.1 4.3 6.5

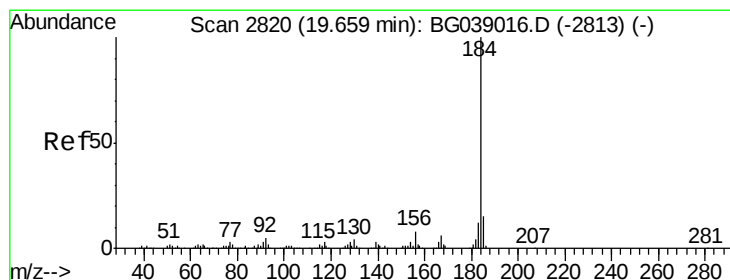
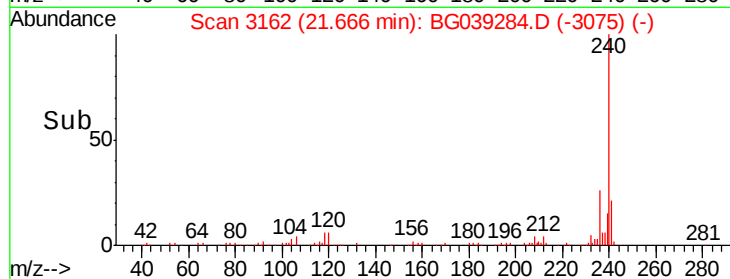
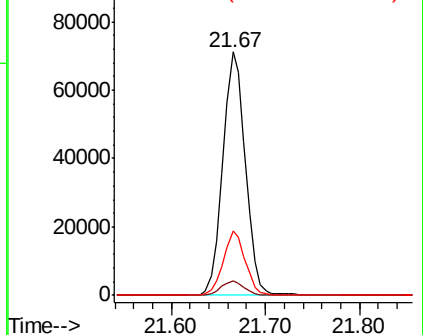
236 26.4 20.1 30.1



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: 2.278 ng

RT: 20.00 min Scan# 2879

Delta R.T. 0.36 min

Lab File: BG039284.D

Acq: 25 Jan 2019 18:41

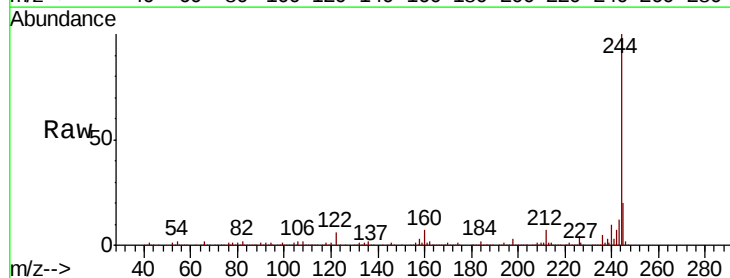
Tgt Ion:184 Resp: 8282

Ion Ratio Lower Upper

184 100

185 15.2 12.1 18.1

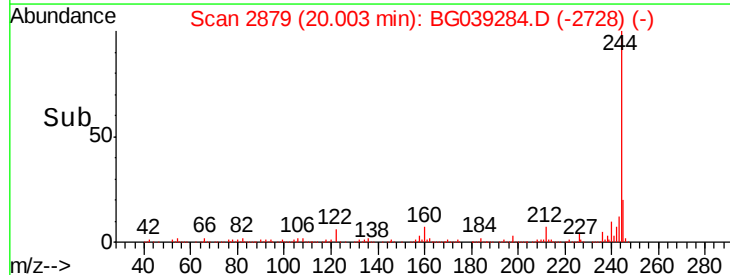
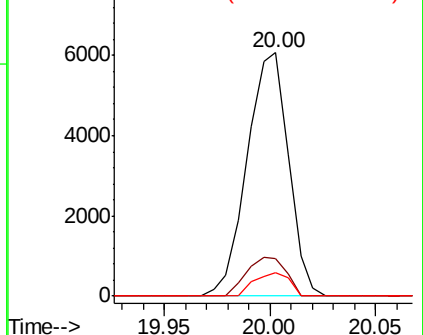
183 9.6 9.5 14.3

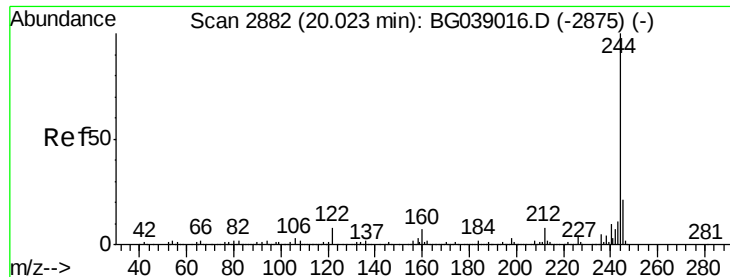


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#79

Terphenyl-d14

Concen: 80.698 ng

RT: 20.00 min Scan# 2878

Delta R.T. -0.01 min

Lab File: BG039284.D

Acq: 25 Jan 2019 18:41

Instrument :

BNA_G

ClientSampleId :

WWB-1

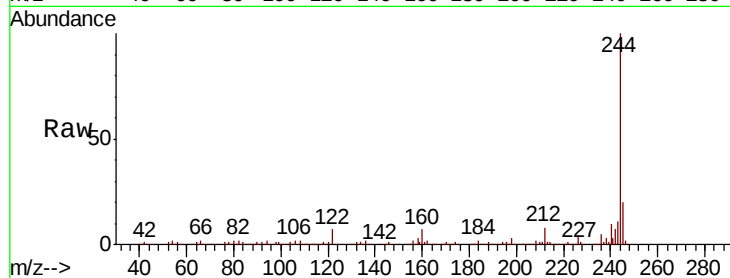
Tgt Ion:244 Resp: 518434

Ion Ratio Lower Upper

244 100

212 7.6 6.1 9.1

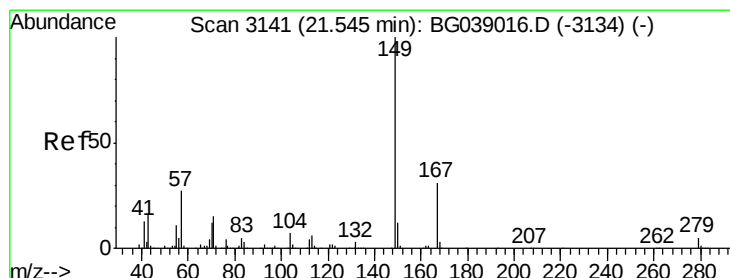
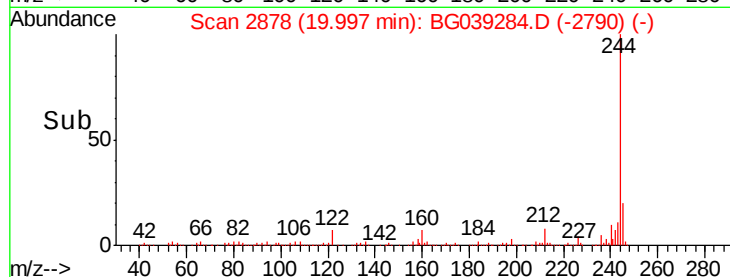
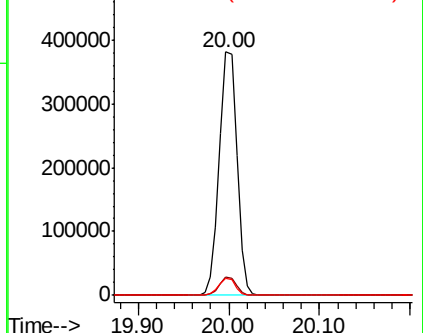
122 6.8 6.1 9.1



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: 2.521 ng

RT: 21.51 min Scan# 3136

Delta R.T. -0.02 min

Lab File: BG039284.D

Acq: 25 Jan 2019 18:41

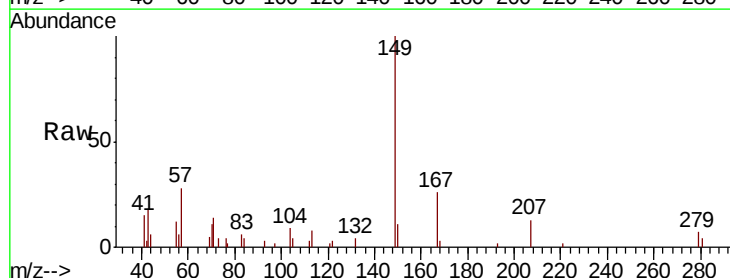
Tgt Ion:149 Resp: 10085

Ion Ratio Lower Upper

149 100

167 25.6 25.0 37.4

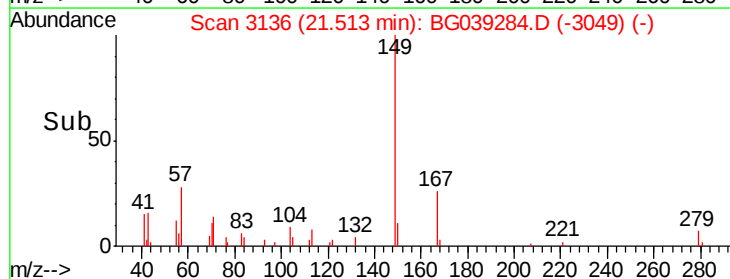
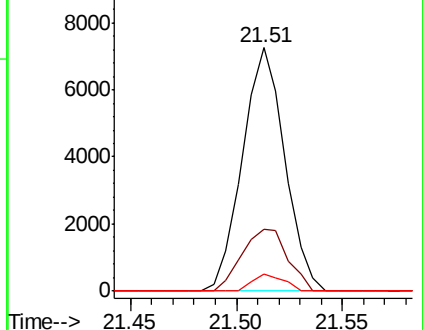
279 7.2 4.3 6.5#

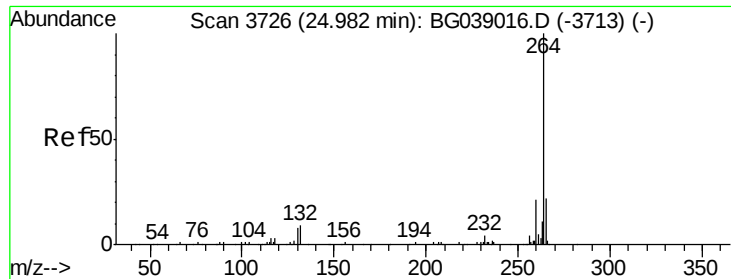


Abundance Ion 149.00 (148.70 to 149.70): E

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: 24.93 min Scan# 3717
Delta R.T. -0.02 min
Lab File: BG039284.D
Acq: 25 Jan 2019 18:41

Instrument :
BNA_G
ClientSampleId :
WWB-1

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.0	17.0	25.6
265	20.8	17.2	25.8

