

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG011419\
 Data File : BG039128.D
 Acq On : 14 Jan 2019 19:48
 Operator : JU/SJ
 Sample : K1135-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-103

Quant Time: Jan 14 22:40:29 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 09 14:23:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	22003	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	87972	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	64806	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	162720	20.00	ng	0.00
76) Chrysene-d12	21.69	240	173891	20.00	ng	-0.01
87) Perylene-d12	24.97	264	202899	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.58	112	82788	71.38	ng	0.00
7) Phenol-d6	7.19	99	78564	47.07	ng	0.00
23) Nitrobenzene-d5	9.20	82	152769	95.02	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	169008	155.58	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	495240	104.58	ng	0.00
79) Terphenyl-d14	20.02	244	843061	89.69	ng	0.00

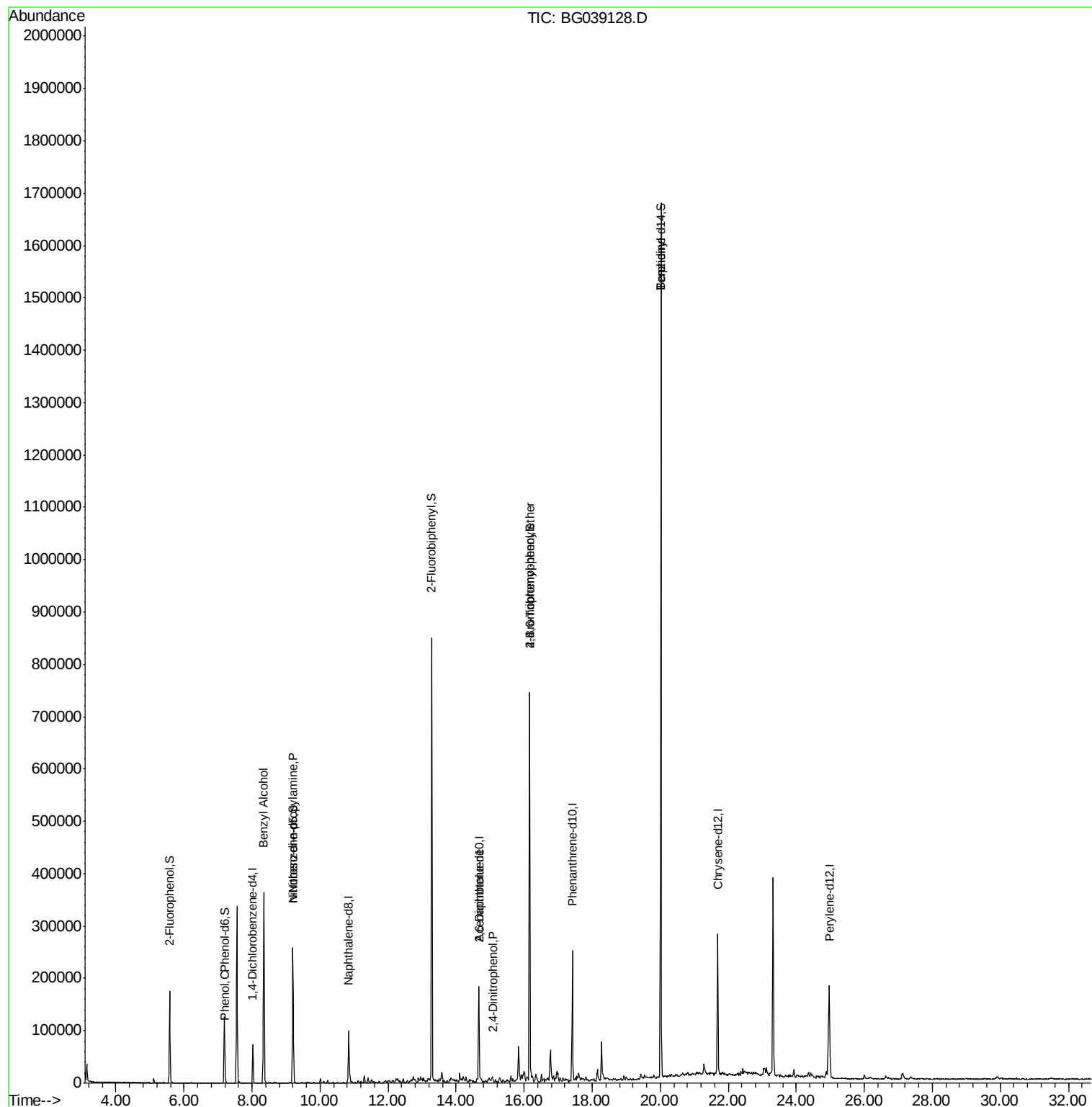
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	7.21	94	5209	3.113	ng	94
15) Benzyl Alcohol	8.35	79	2866	2.280	ng	# 45
19) n-Nitroso-di-n-propylamine	9.20	70	20286	18.507	ng	# 68
51) 2,6-Dinitrotoluene	14.67	165	8644	7.060	ng	# 24
54) 2,4-Dinitrophenol	15.08	184	57	5.459	ng	# 23
67) 4-Bromophenyl-phenylether	16.16	248	10708	5.119	ng	# 1
77) Benzidine	20.02	184	13901	2.614	ng	# 95

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

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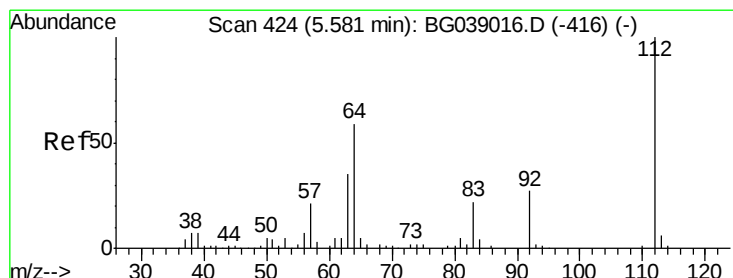
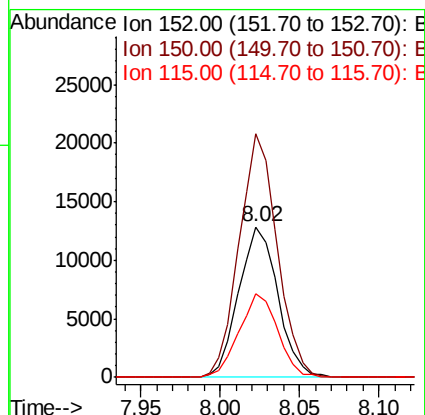
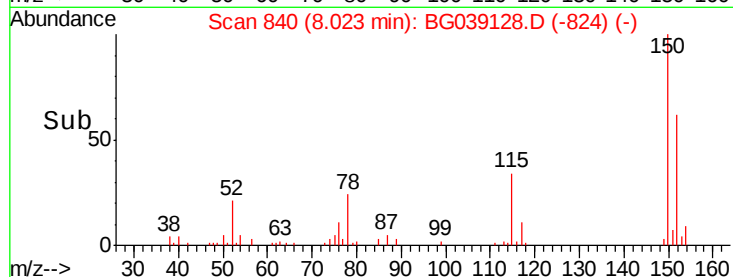
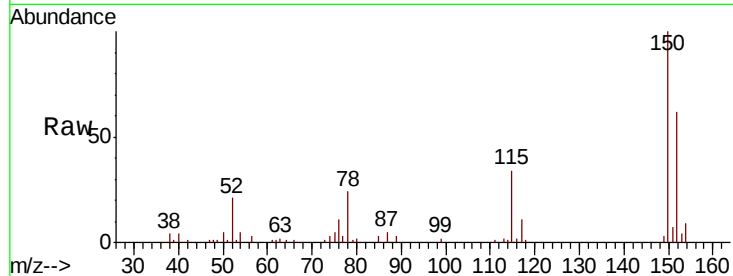


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 840
Delta R.T. -0.01 min
Lab File: BG039128.D
Acq: 14 Jan 2019 19:48

Instrument :
BNA_G
ClientSampleId :
MW-103

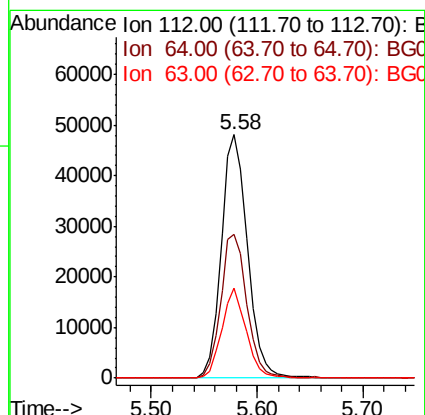
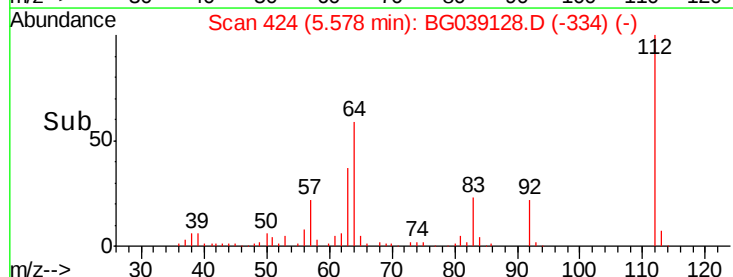
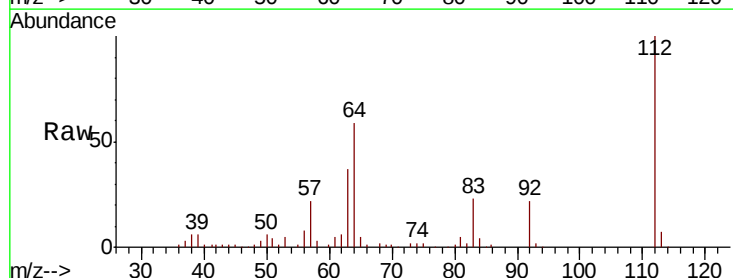
Tgt Ion:152 Resp: 22003
Ion Ratio Lower Upper
152 100
150 161.5 124.7 187.1
115 55.1 46.5 69.7

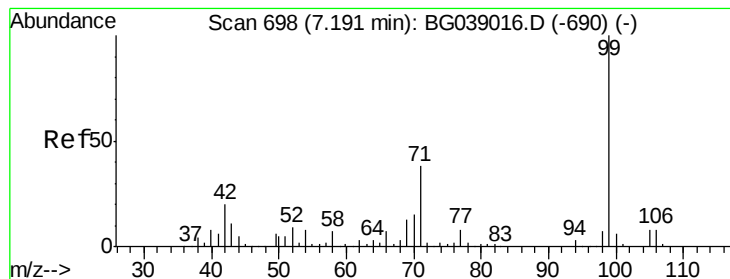


#5

2-Fluorophenol
Concen: 71.375 ng
RT: 5.58 min Scan# 424
Delta R.T. -0.00 min
Lab File: BG039128.D
Acq: 14 Jan 2019 19:48

Tgt Ion:112 Resp: 82788
Ion Ratio Lower Upper
112 100
64 59.3 47.0 70.6
63 37.2 28.0 42.0





#7

Phenol-d6

Concen: 47.066 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.00 min

Lab File: BG039128.D

Acq: 14 Jan 2019 19:48

Instrument :

BNA_G

ClientSampled :

MW-103

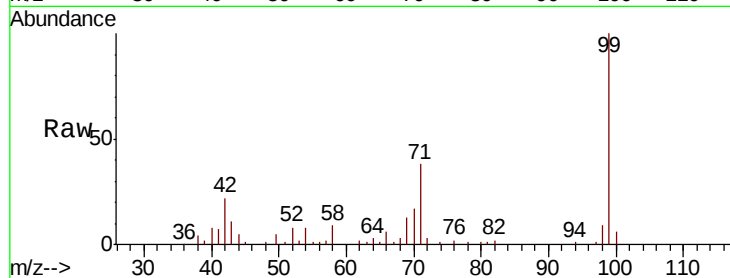
Tgt Ion: 99 Resp: 78564

Ion Ratio Lower Upper

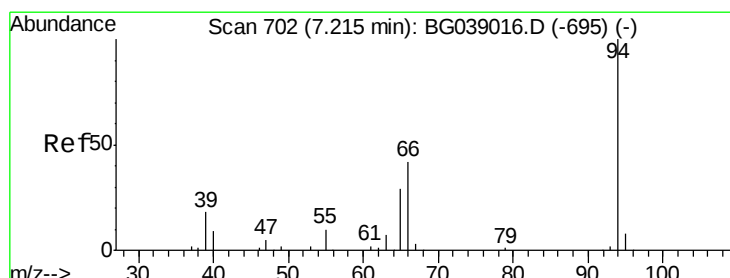
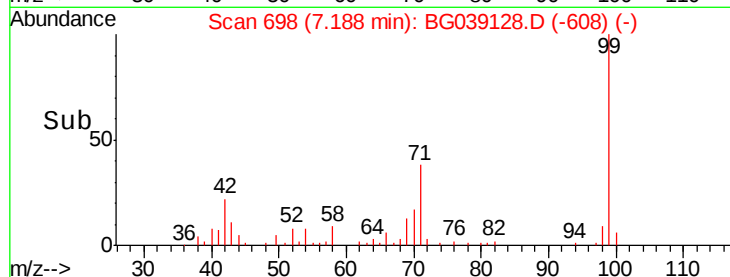
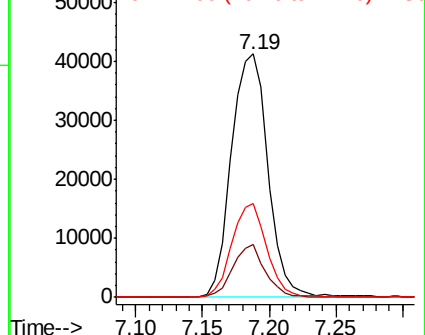
99 100

42 21.7 15.8 23.6

71 38.5 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



#10

Phenol

Concen: 3.113 ng

RT: 7.21 min Scan# 702

Delta R.T. -0.00 min

Lab File: BG039128.D

Acq: 14 Jan 2019 19:48

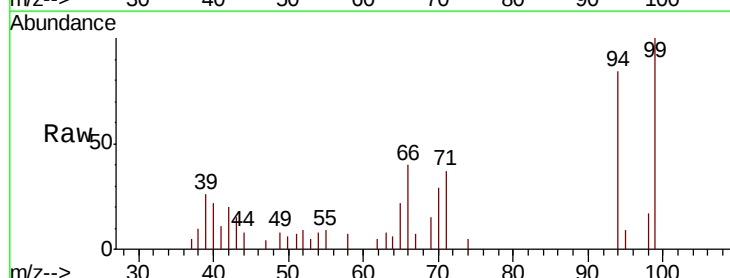
Tgt Ion: 94 Resp: 5209

Ion Ratio Lower Upper

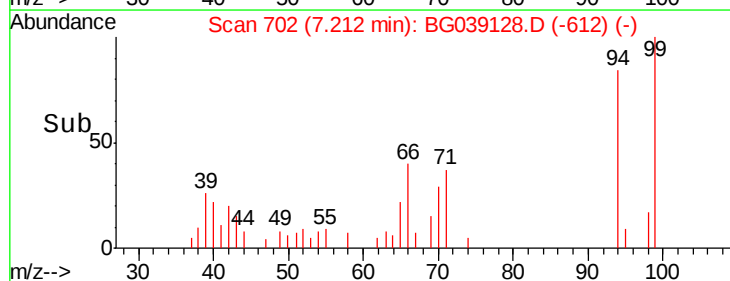
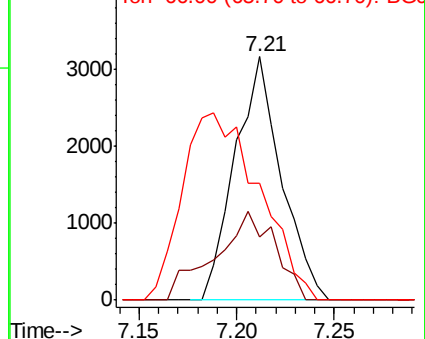
94 100

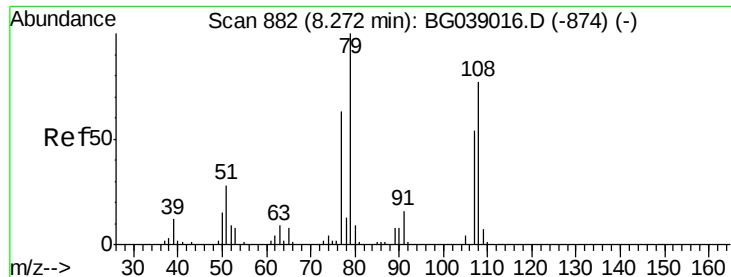
65 25.8 10.3 50.3

66 47.8 25.1 65.1



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





#15

Benzyl Alcohol

Concen: 2.280 ng

RT: 8.35 min Scan# 896

Delta R.T. 0.08 min

Lab File: BG039128.D

Acq: 14 Jan 2019 19:48

Instrument :

BNA_G

ClientSampled :

MW-103

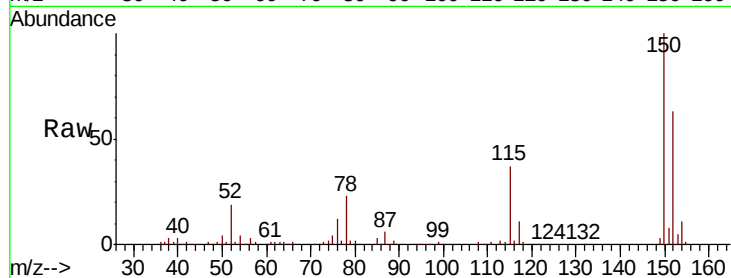
Tgt Ion: 79 Resp: 2866

Ion Ratio Lower Upper

79 100

108 35.1 62.0 93.0#

77 110.9 50.1 75.1#

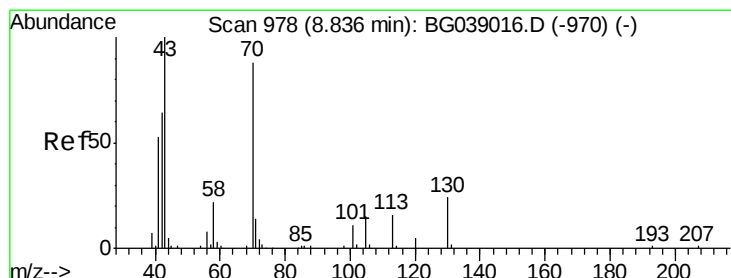
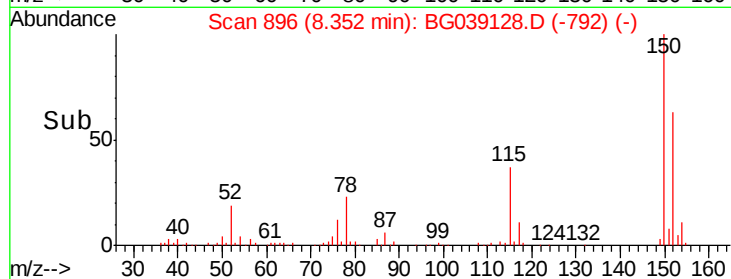
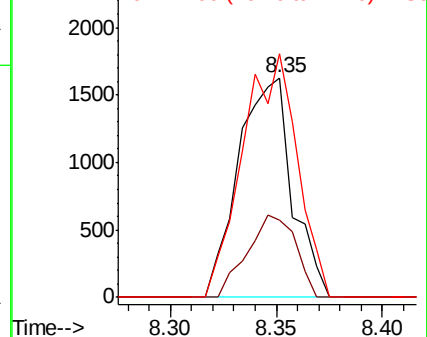


Abundance

Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC



#19

n-Nitroso-di-n-propylamine

Concen: 18.507 ng

RT: 9.20 min Scan# 1041

Delta R.T. 0.37 min

Lab File: BG039128.D

Acq: 14 Jan 2019 19:48

Tgt Ion: 70 Resp: 20286

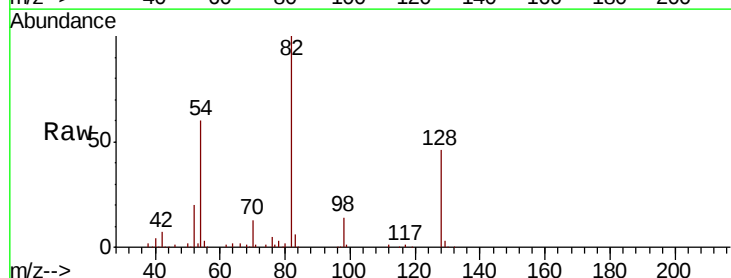
Ion Ratio Lower Upper

70 100

42 50.5 59.0 88.4#

101 0.0 10.4 15.6#

130 3.2 21.6 32.4#



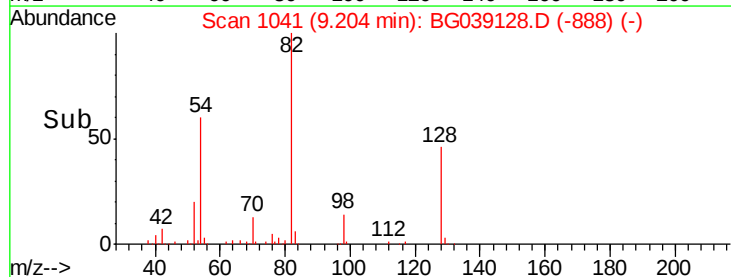
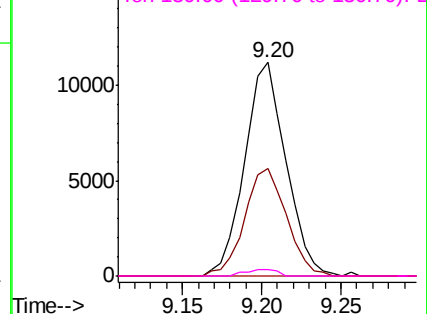
Abundance

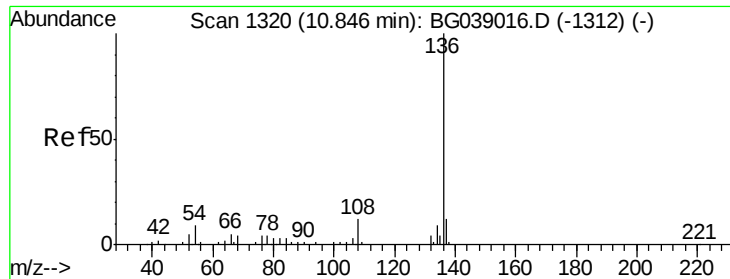
Ion 70.00 (69.70 to 70.70): BGC

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

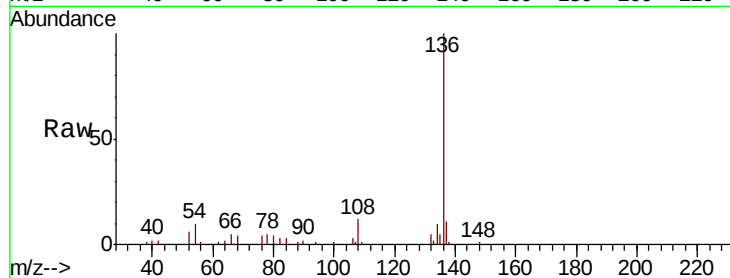




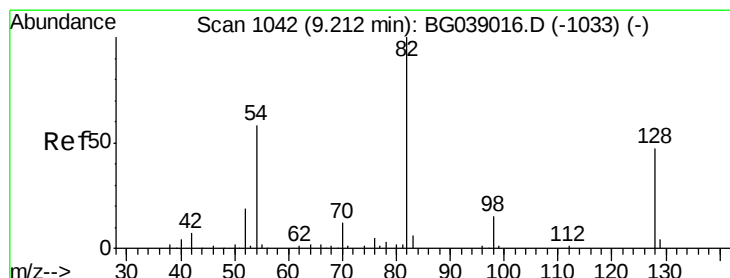
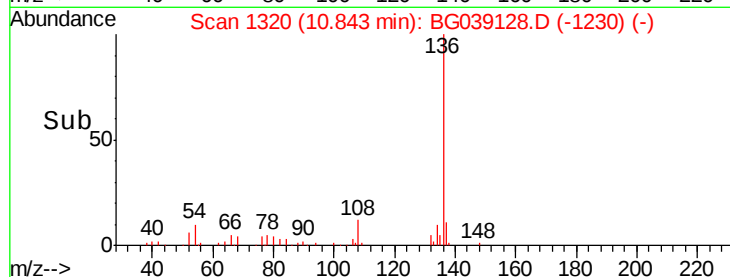
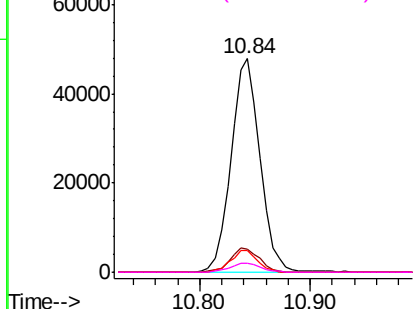
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BG039128.D
Acq: 14 Jan 2019 19:48

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Tgt Ion:	136	Resp:	87972
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.4	14.2
54	10.4	7.2	10.8
68	4.3	3.5	5.3

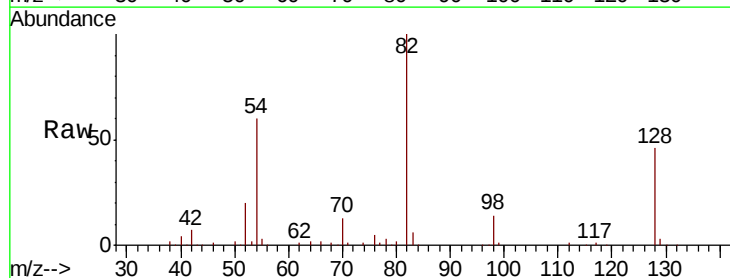


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

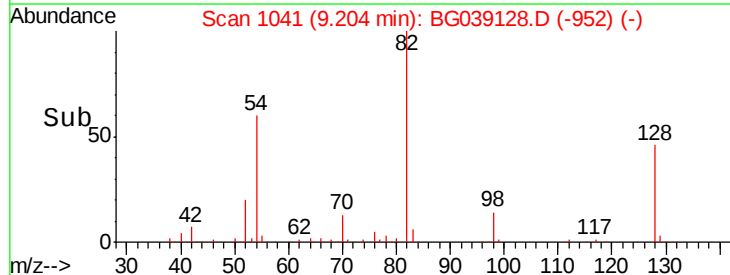
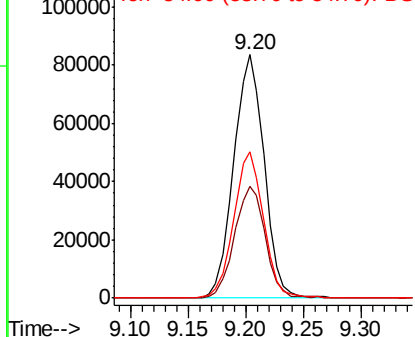


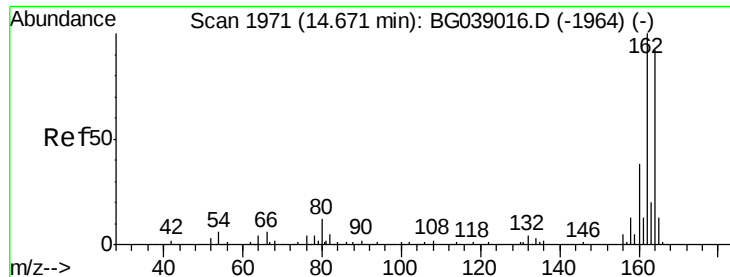
#23
Nitrobenzene-d5
Concen: 95.024 ng
RT: 9.20 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BG039128.D
Acq: 14 Jan 2019 19:48

Tgt Ion:	82	Resp:	152769
Ion	Ratio	Lower	Upper
82	100		
128	46.0	37.3	55.9
54	60.0	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

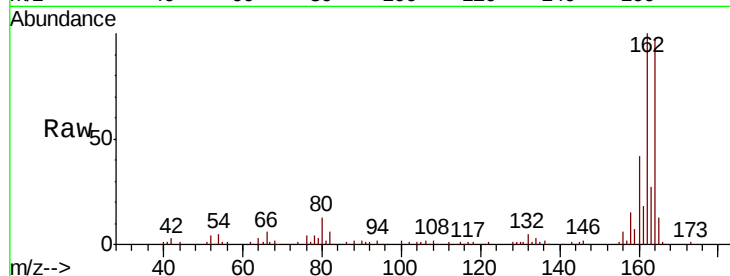




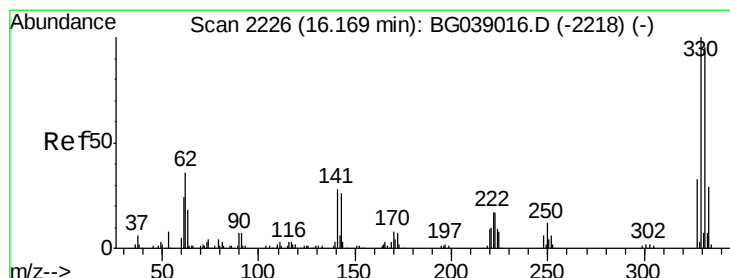
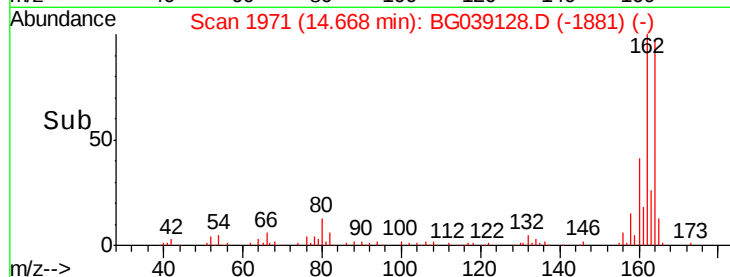
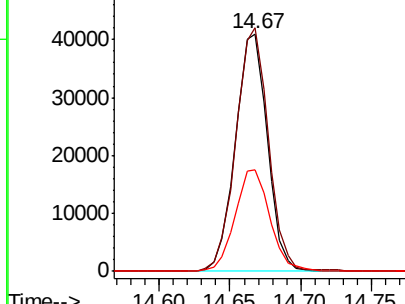
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1971
Delta R.T. -0.00 min
Lab File: BG039128.D
Acq: 14 Jan 2019 19:48

Instrument :
BNA_G
ClientSampled :
MW-103

Tgt Ion:164 Resp: 64806
Ion Ratio Lower Upper
164 100
162 102.6 87.2 130.8
160 42.6 33.3 49.9

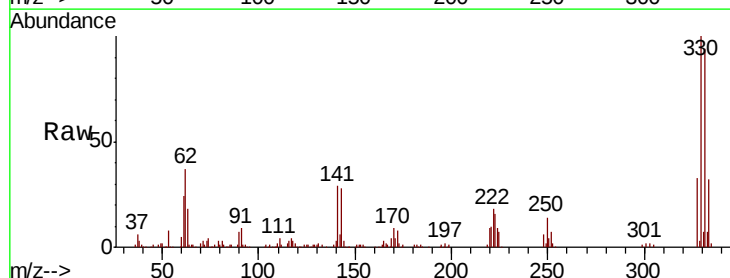


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

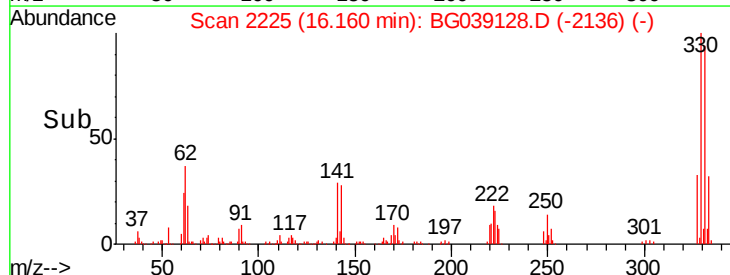
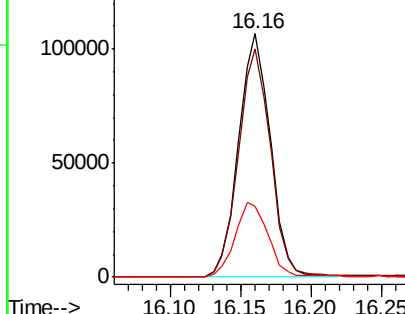


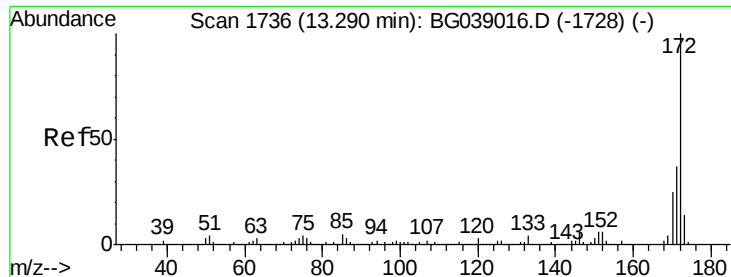
#42
2,4,6-Tribromophenol
Concen: 155.577 ng
RT: 16.16 min Scan# 2225
Delta R.T. -0.01 min
Lab File: BG039128.D
Acq: 14 Jan 2019 19:48

Tgt Ion:330 Resp: 169008
Ion Ratio Lower Upper
330 100
332 95.8 75.7 113.5
141 31.9 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

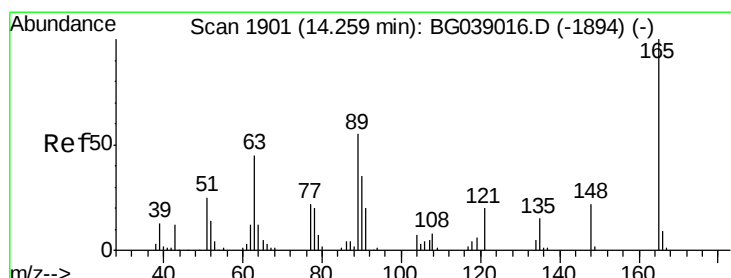
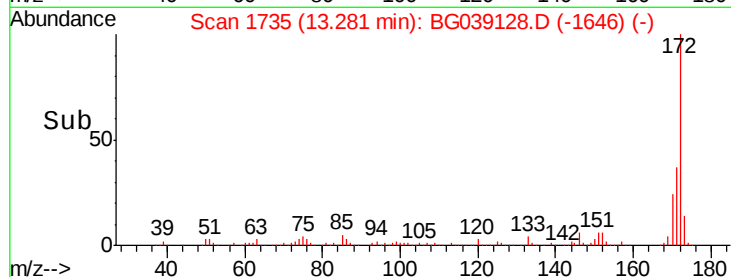
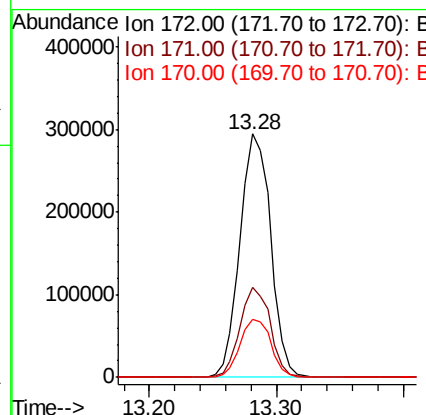
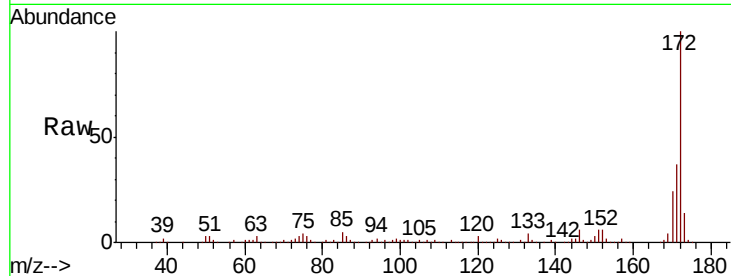




#45
 2-Fluorobiphenyl
 Concen: 104.584 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. -0.01 min
 Lab File: BG039128.D
 Acq: 14 Jan 2019 19:48

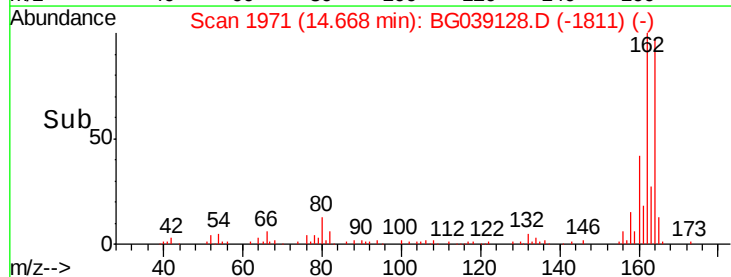
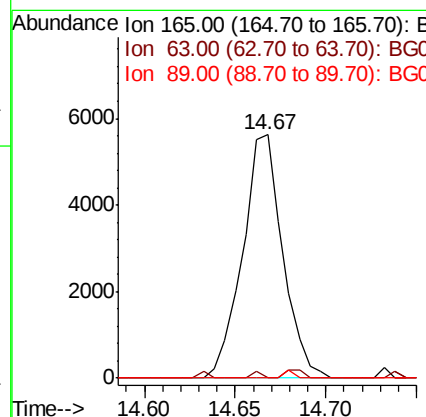
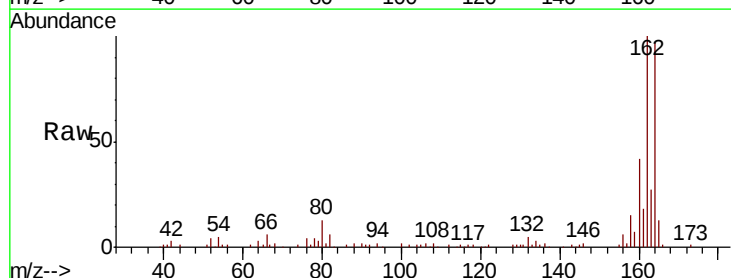
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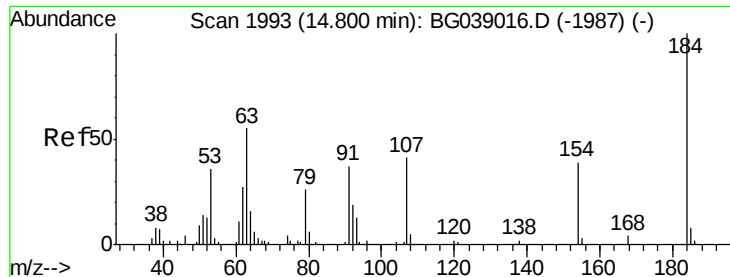
Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.4	44.0
170	23.6	20.1	30.1



#51
 2,6-Dinitrotoluene
 Concen: 7.060 ng
 RT: 14.67 min Scan# 1971
 Delta R.T. 0.41 min
 Lab File: BG039128.D
 Acq: 14 Jan 2019 19:48

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

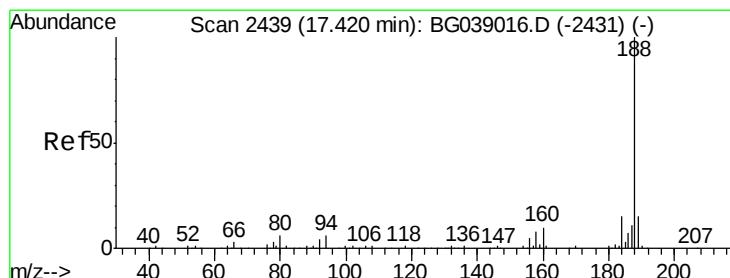
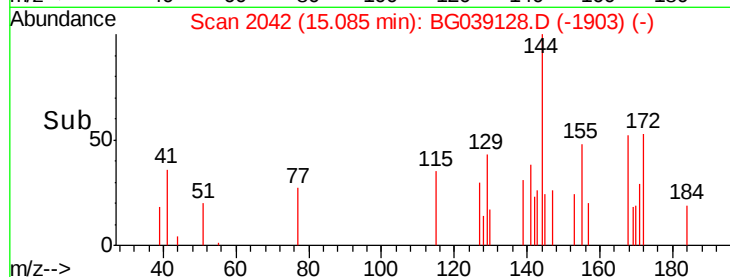
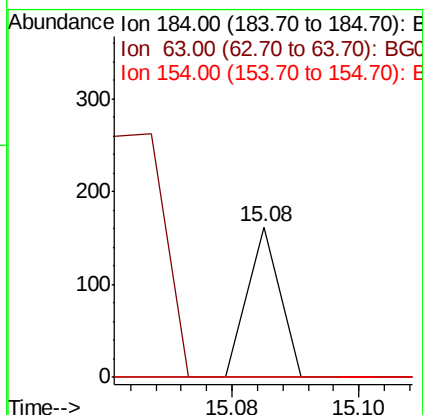
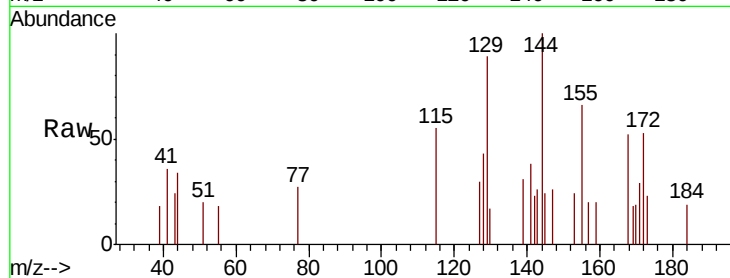




#54
 2,4-Dinitrophenol
 Concen: 5.459 ng
 RT: 15.08 min Scan# 2042
 Delta R.T. 0.29 min
 Lab File: BG039128.D
 Acq: 14 Jan 2019 19:48

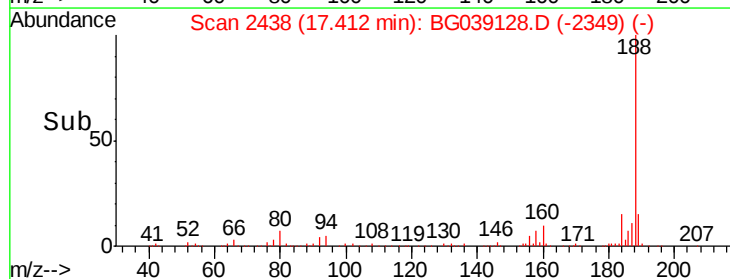
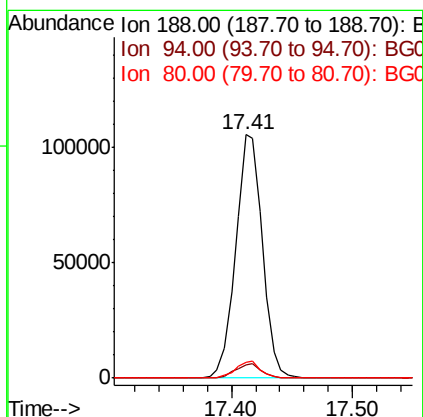
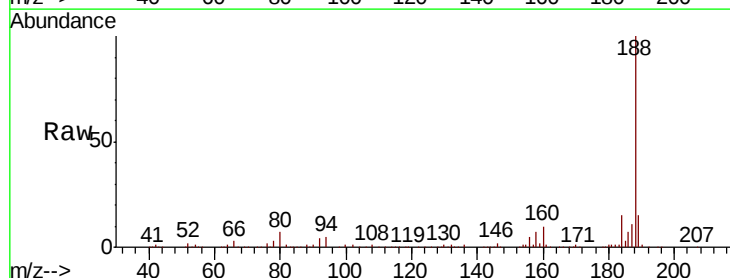
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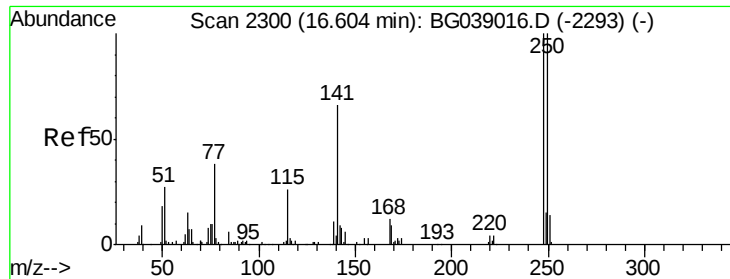
Tgt Ion:184 Resp: 57
 Ion Ratio Lower Upper
 184 100
 63 0.0 44.0 66.0#
 154 0.0 46.1 69.1#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.41 min Scan# 2438
 Delta R.T. -0.01 min
 Lab File: BG039128.D
 Acq: 14 Jan 2019 19:48

Tgt Ion:188 Resp: 162720
 Ion Ratio Lower Upper
 188 100
 94 5.3 5.0 7.4
 80 6.6 4.7 7.1

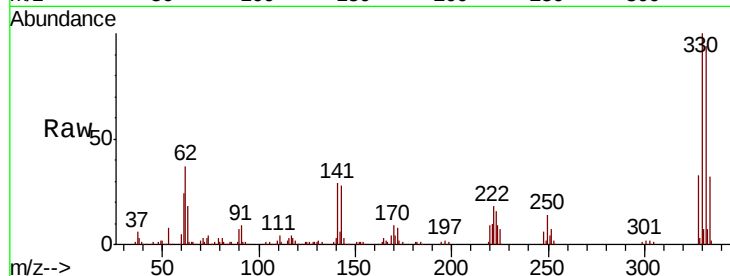




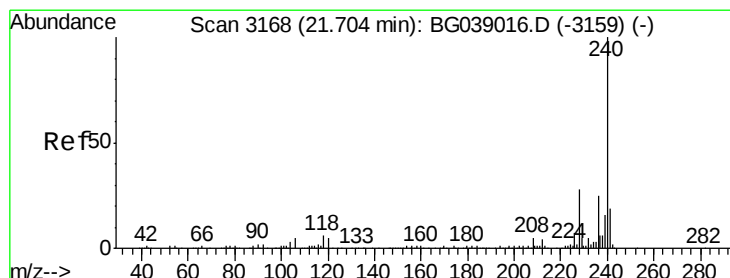
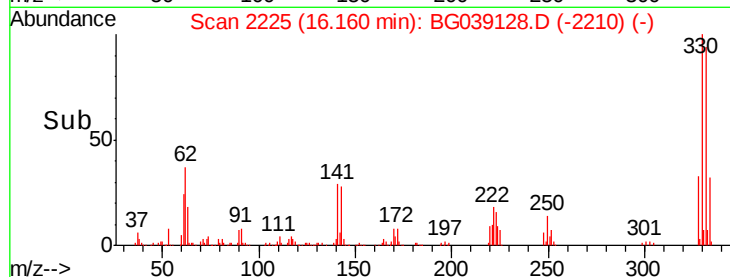
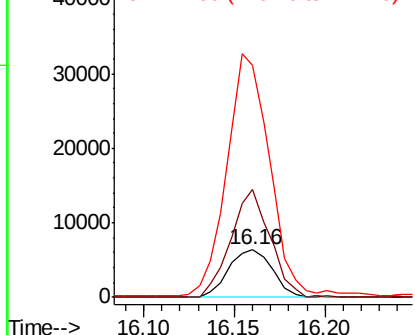
#67
 4-Bromophenyl-phenylether
 Concen: 5.119 ng
 RT: 16.16 min Scan# 2225
 Delta R.T. -0.44 min
 Lab File: BG039128.D
 Acq: 14 Jan 2019 19:48

Instrument :
 BNA_G
 ClientSampleId :
 MW-103

Tgt Ion:248 Resp: 10708
 Ion Ratio Lower Upper
 248 100
 250 292.7 79.9 119.9#
 141 489.0 52.7 79.1#

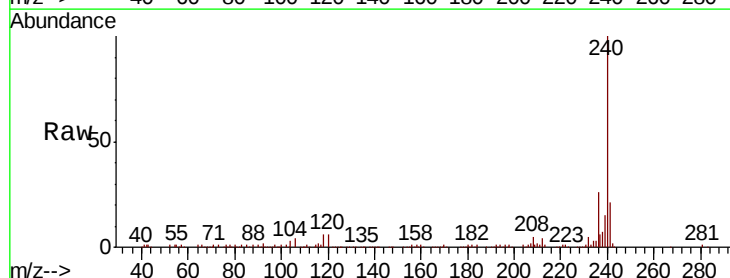


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

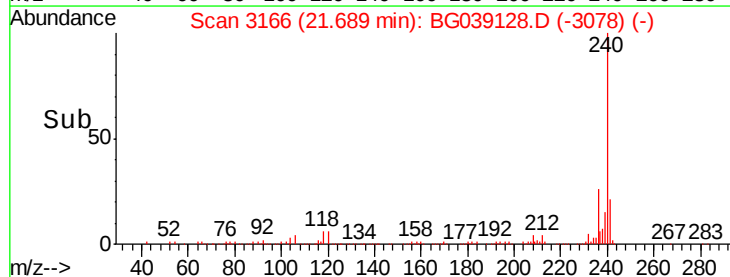
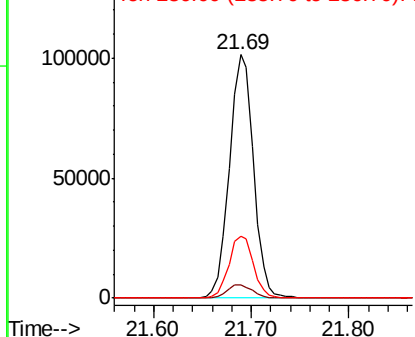


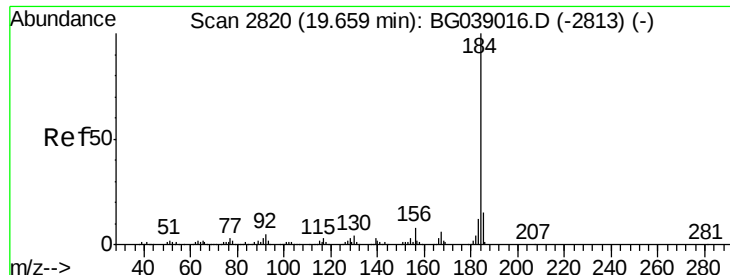
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.69 min Scan# 3166
 Delta R.T. -0.01 min
 Lab File: BG039128.D
 Acq: 14 Jan 2019 19:48

Tgt Ion:240 Resp: 173891
 Ion Ratio Lower Upper
 240 100
 120 5.5 4.3 6.5
 236 25.5 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: 2.614 ng

RT: 20.02 min Scan# 2882

Delta R.T. 0.36 min

Lab File: BG039128.D

Acq: 14 Jan 2019 19:48

Instrument :

BNA_G

ClientSampleId :

MW-103

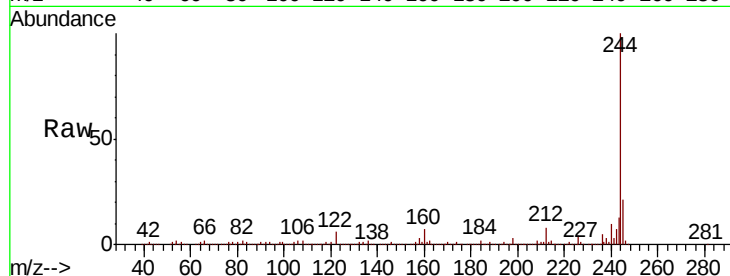
Tgt Ion:184 Resp: 13901

Ion Ratio Lower Upper

184 100

185 14.4 12.1 18.1

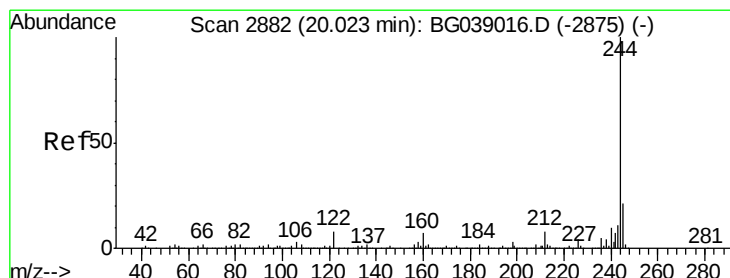
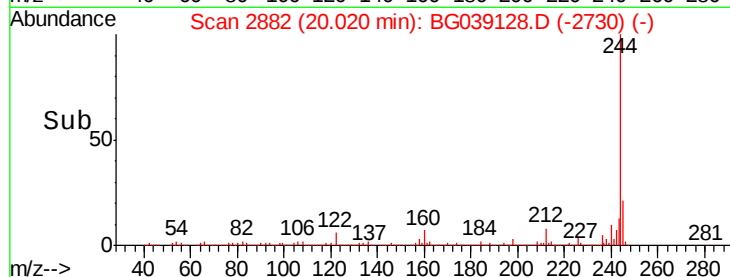
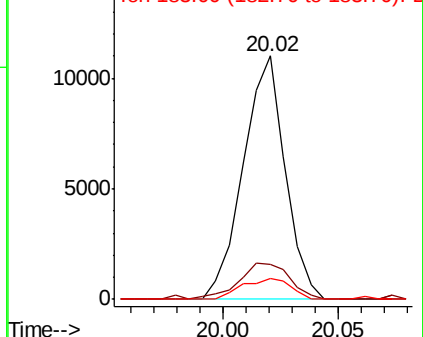
183 8.7 9.5 14.3#



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: 89.687 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.00 min

Lab File: BG039128.D

Acq: 14 Jan 2019 19:48

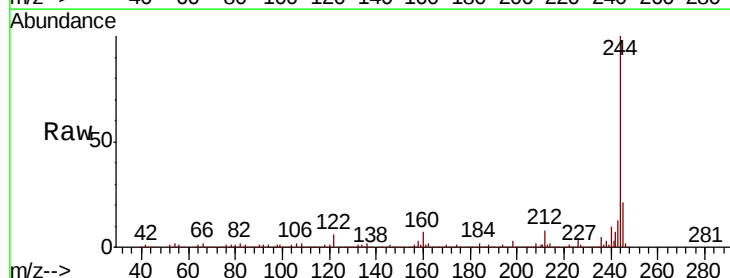
Tgt Ion:244 Resp: 843061

Ion Ratio Lower Upper

244 100

212 7.6 6.1 9.1

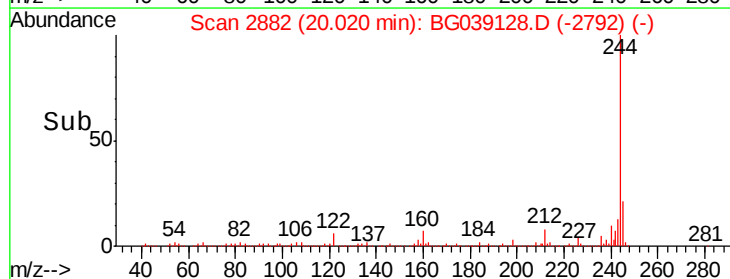
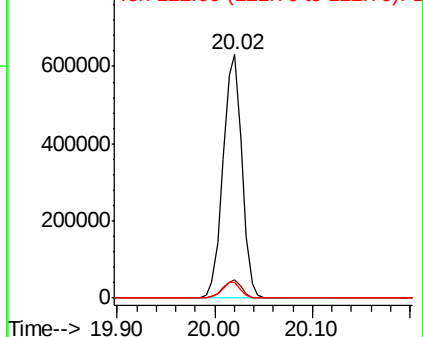
122 6.4 6.1 9.1

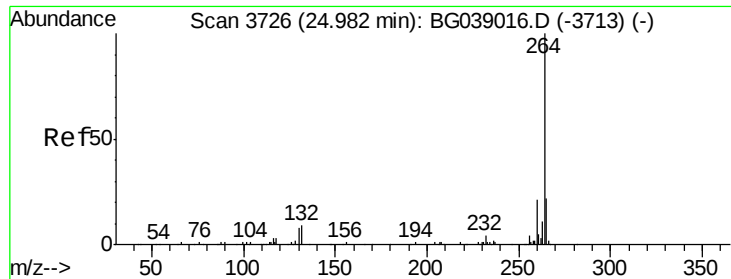


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.97 min Scan# 3724
Delta R.T. -0.01 min
Lab File: BG039128.D
Acq: 14 Jan 2019 19:48

Instrument :
BNA_G
ClientSampleId :
MW-103

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

