

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011119\
 Data File : BG039099.D
 Acq On : 12 Jan 2019 00:01
 Operator : JU/SJ
 Sample : K1100-08
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 12 03:10:49 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

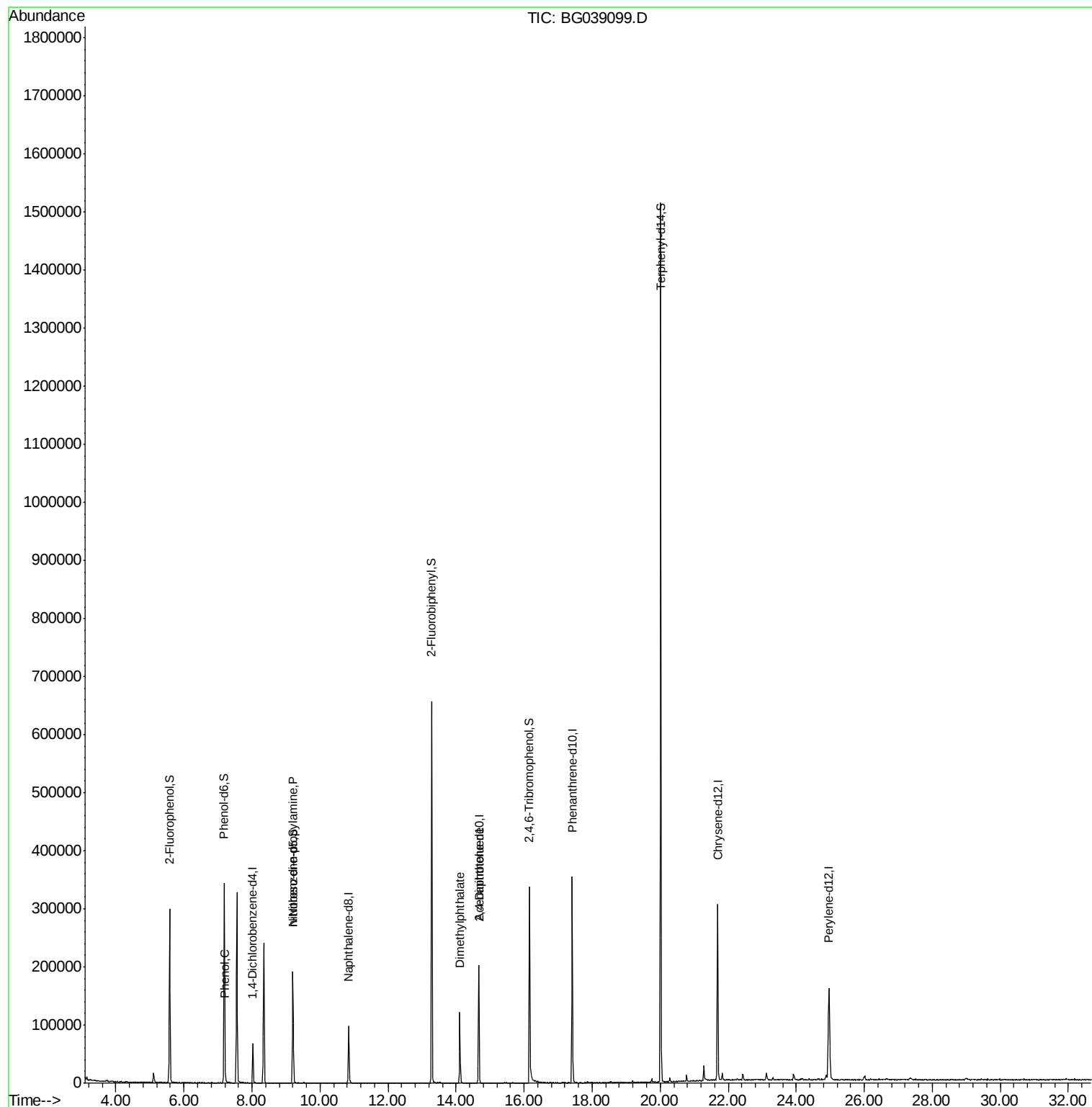
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	20893	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	93380	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	77523	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	236516	20.00	ng	0.00
76) Chrysene-d12	21.69	240	196127	20.00	ng	-0.01
87) Perylene-d12	24.96	264	205868	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	149353	135.61	ng	0.00
7) Phenol-d6	7.18	99	217669	137.33	ng	0.00
23) Nitrobenzene-d5	9.20	82	123176	72.18	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	87700	67.49	ng	-0.01
45) 2-Fluorobiphenyl	13.28	172	371828	65.64	ng	0.00
79) Terphenyl-d14	20.01	244	762562	71.93	ng	0.00
Target Compounds						
10) Phenol	7.21	94	4434	2.790	ng	97
19) n-Nitroso-di-n-propylamine	9.20	70	15122	14.529	ng	# 67
50) Dimethylphthalate	14.11	163	93616	14.290	ng	99
57) 2,4-Dinitrotoluene	14.66	165	9515	4.528	ng	# 26

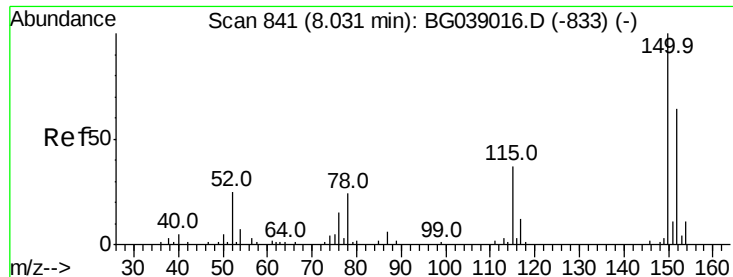
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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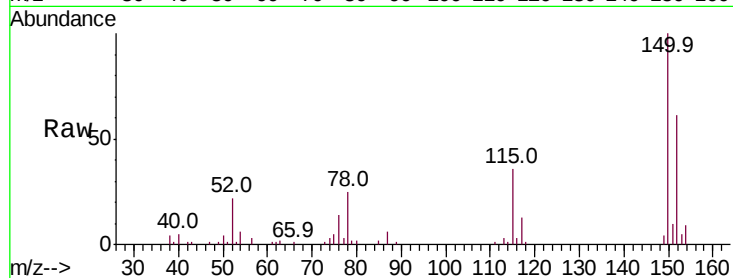


#1

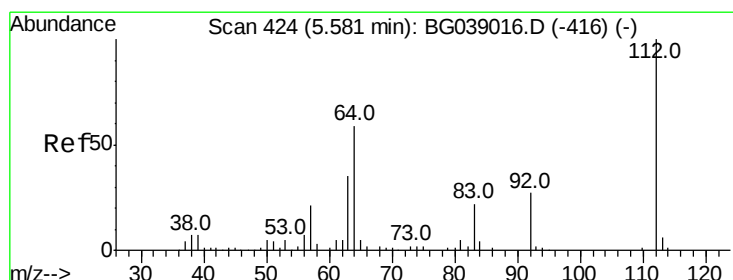
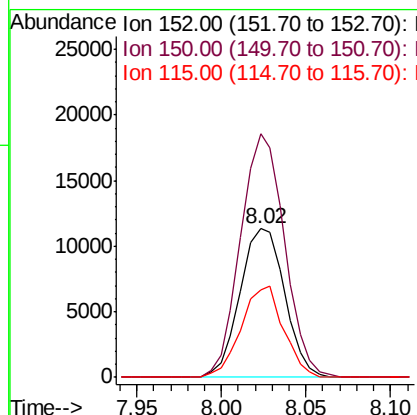
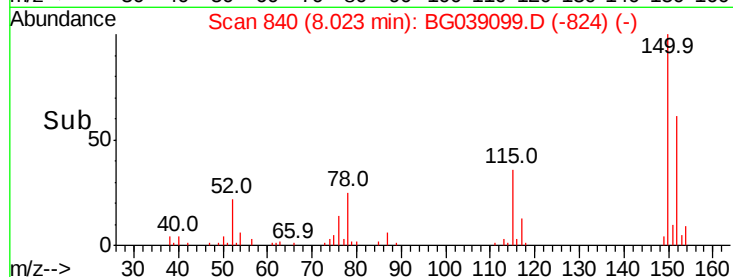
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 840
Delta R.T. -0.01 min
Lab File: BG039099.D
Acq: 12 Jan 2019 00:01

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 20893
Ion Ratio Lower Upper
152 100
150 163.9 124.7 187.1
115 59.2 46.5 69.7



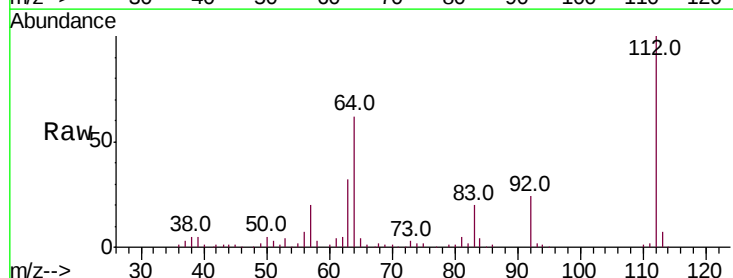
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



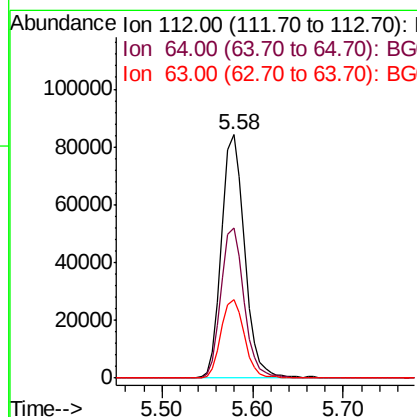
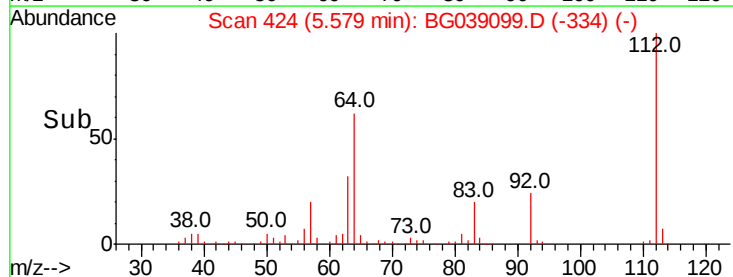
#5

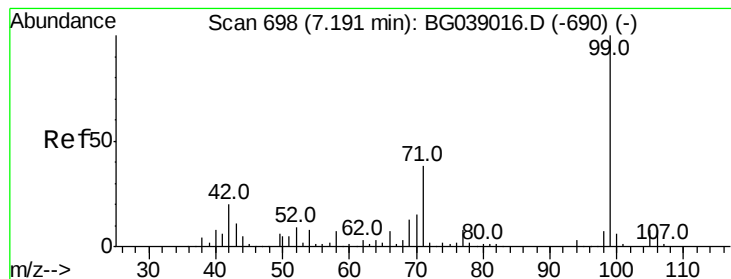
2-Fluorophenol
Concen: 135.605 ng
RT: 5.58 min Scan# 424
Delta R.T. -0.00 min
Lab File: BG039099.D
Acq: 12 Jan 2019 00:01

Tgt Ion:112 Resp: 149353
Ion Ratio Lower Upper
112 100
64 61.8 47.0 70.6
63 32.3 28.0 42.0



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: 137.328 ng

RT: 7.18 min Scan# 697

Delta R.T. -0.01 min

Lab File: BG039099.D

Acq: 12 Jan 2019 00:01

Instrument :

BNA_G

ClientSampleId :

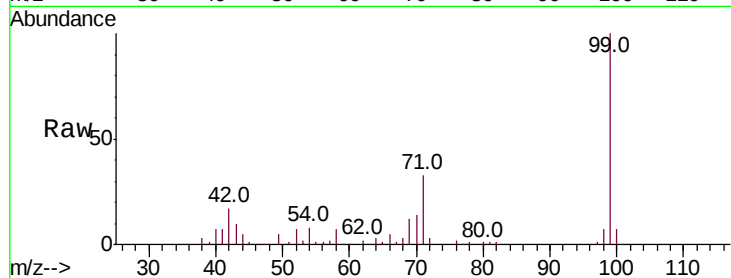
Tot Ion: 99 Resp: 217669

Ion Ratio Lower Upper

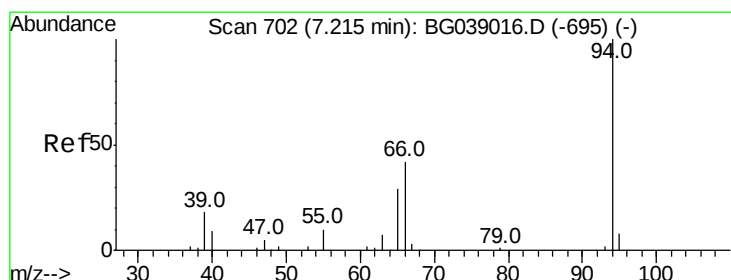
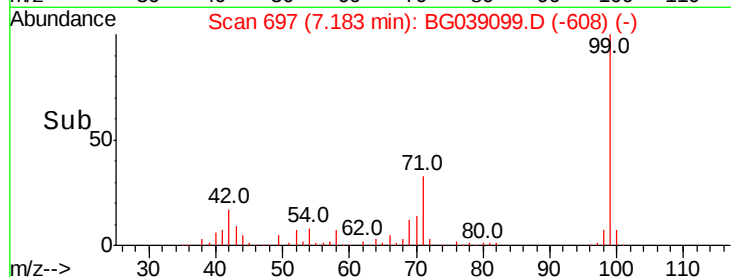
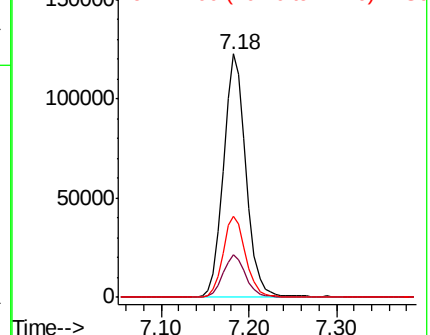
99 100

42 17.4 15.8 23.6

71 33.2 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: 2.790 ng

RT: 7.21 min Scan# 702

Delta R.T. -0.00 min

Lab File: BG039099.D

Acq: 12 Jan 2019 00:01

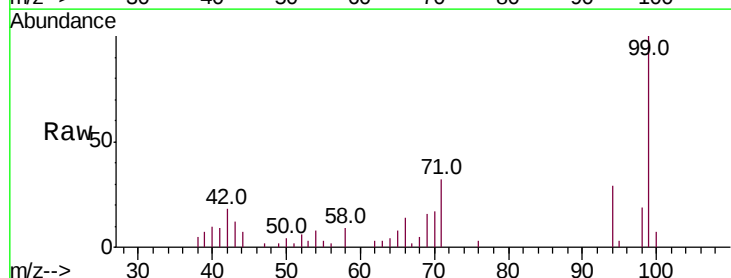
Tgt Ion: 94 Resp: 4434

Ion Ratio Lower Upper

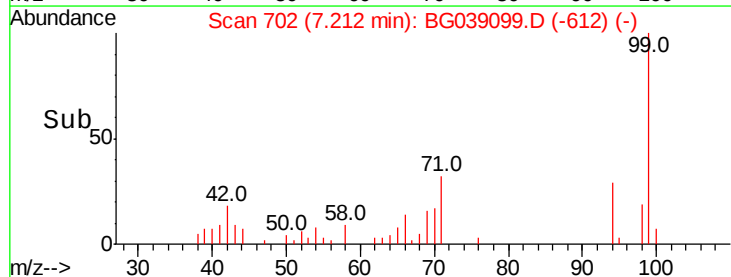
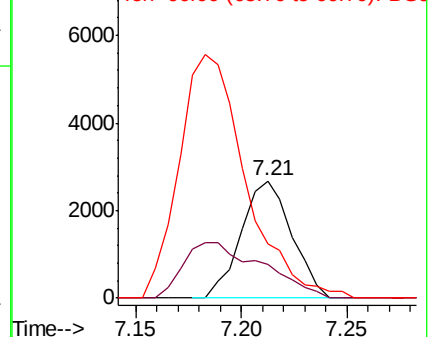
94 100

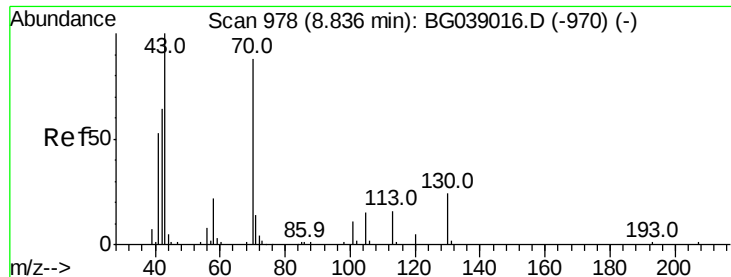
65 28.3 10.3 50.3

66 46.7 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





#19

n-Nitroso-di-n-propylamine

Concen: 14.529 ng

RT: 9.20 min Scan# 1041

Delta R.T. 0.37 min

Lab File: BG039099.D

Acq: 12 Jan 2019 00:01

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 15122

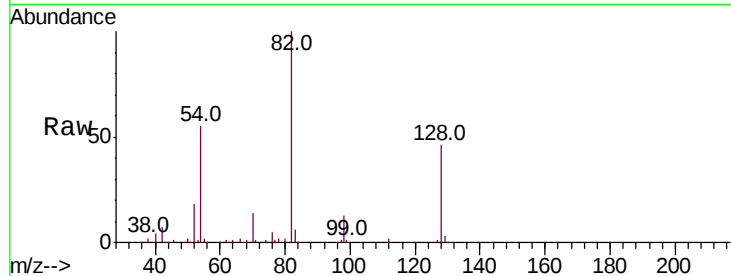
Ion Ratio Lower Upper

70 100

42 50.1 59.0 88.4#

101 0.0 10.4 15.6#

130 2.6 21.6 32.4#

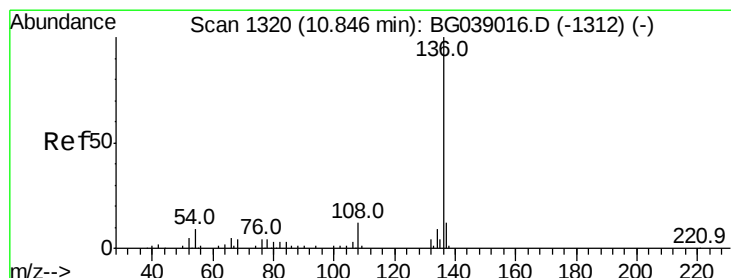
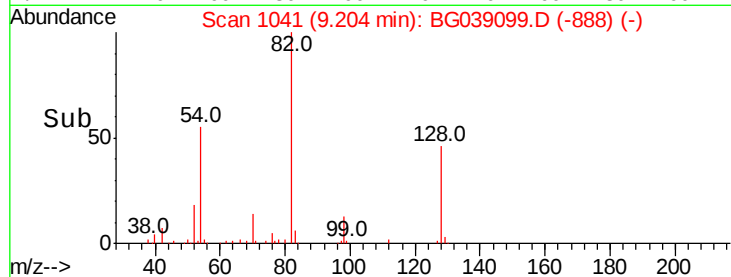
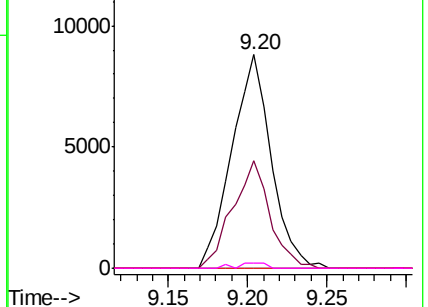


Abundance Ion 70.00 (69.70 to 70.70): BGC

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: BG039099.D

Acq: 12 Jan 2019 00:01

Tgt Ion: 136 Resp: 93380

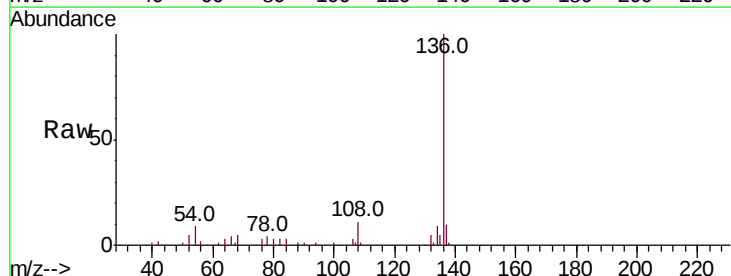
Ion Ratio Lower Upper

136 100

137 10.4 9.4 14.2

54 8.9 7.2 10.8

68 4.7 3.5 5.3

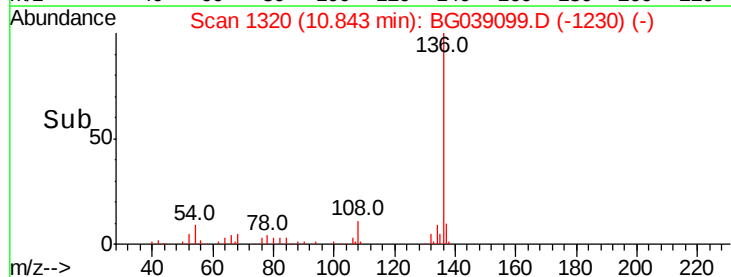
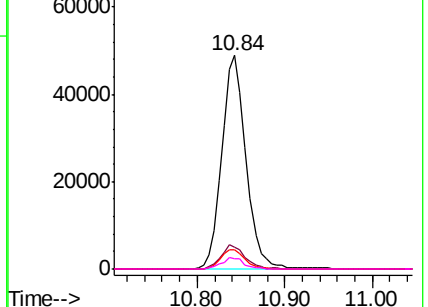


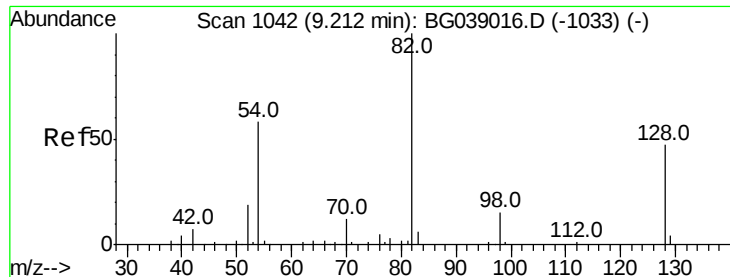
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

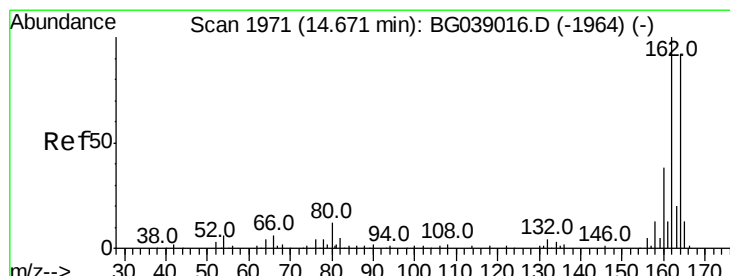
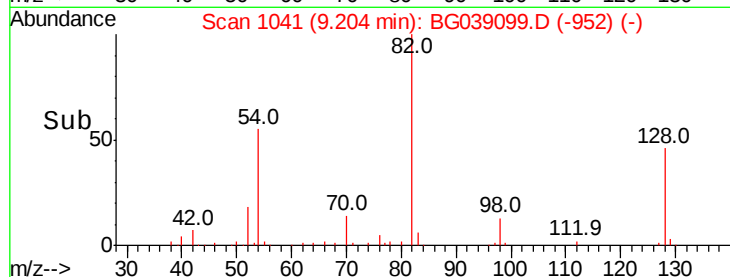
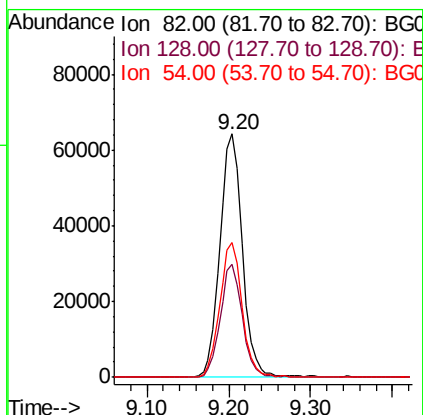
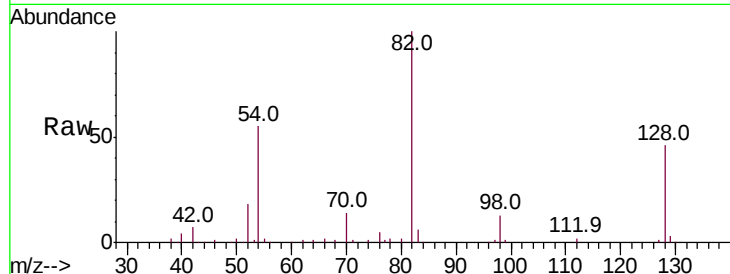




#23
 Nitrobenzene-d5
 Concen: 72.180 ng
 RT: 9.20 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BG039099.D
 Acq: 12 Jan 2019 00:01

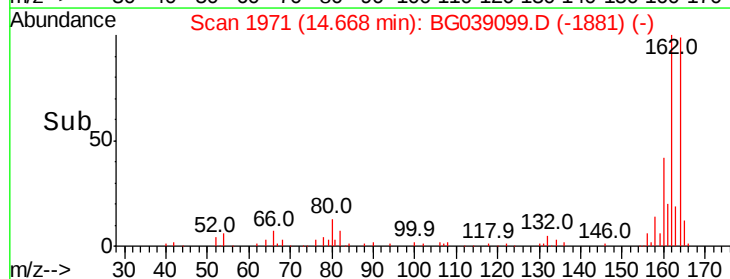
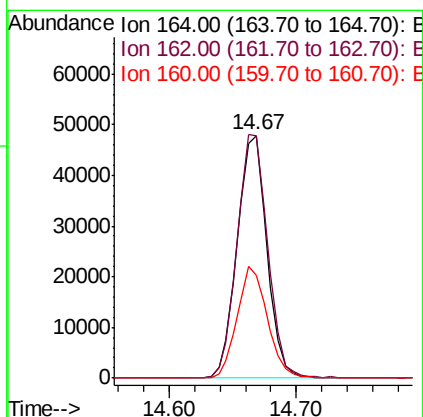
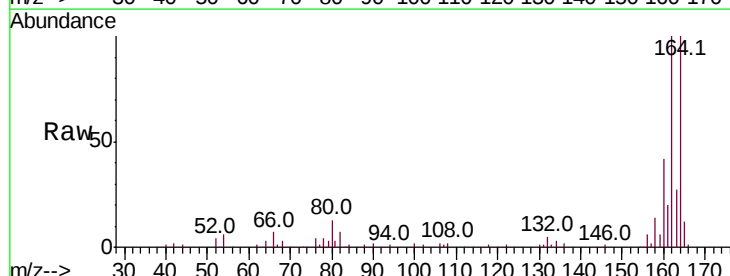
Instrument :
 BNA_G
 ClientSampled :

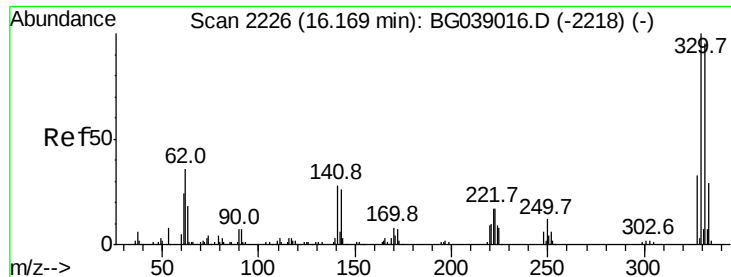
Tot Ion	82	Resp	123176
Ion Ratio	100	Lower	Upper
128	46.2	37.3	55.9
54	55.3	46.4	69.6



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1971
 Delta R.T. -0.00 min
 Lab File: BG039099.D
 Acq: 12 Jan 2019 00:01

Tgt Ion	164	Resp	77523
Ion Ratio	100	Lower	Upper
162	100.1	87.2	130.8
160	42.4	33.3	49.9

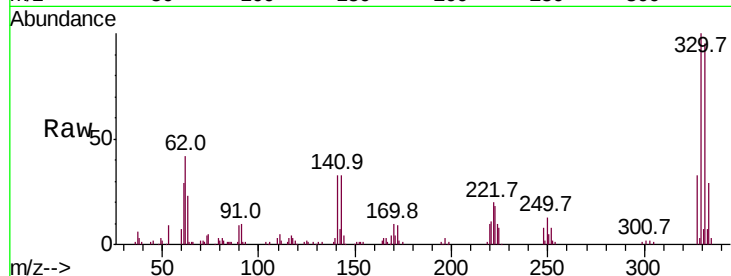




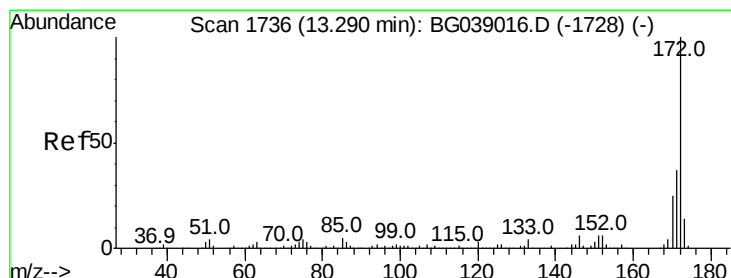
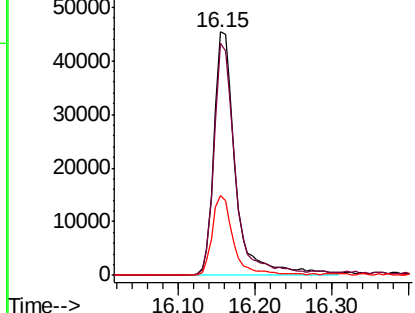
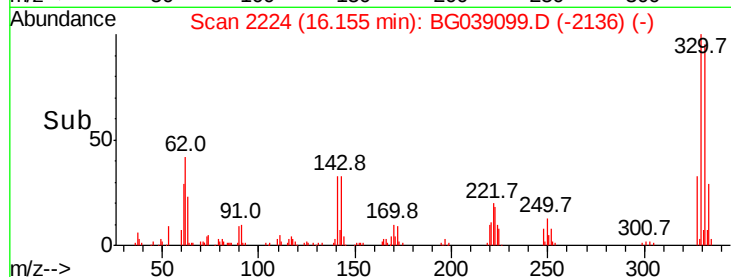
#42
 2,4,6-Tribromophenol
 Concen: 67.488 ng
 RT: 16.15 min Scan# 2224
 Delta R.T. -0.01 min
 Lab File: BG039099.D
 Acq: 12 Jan 2019 00:01

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.4	75.7	113.5
141	31.7	24.9	37.3

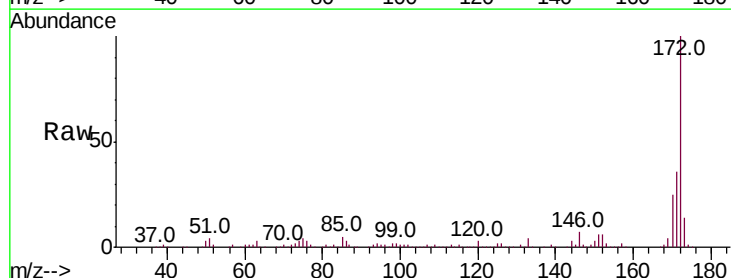


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

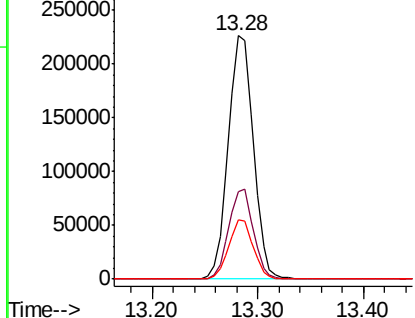
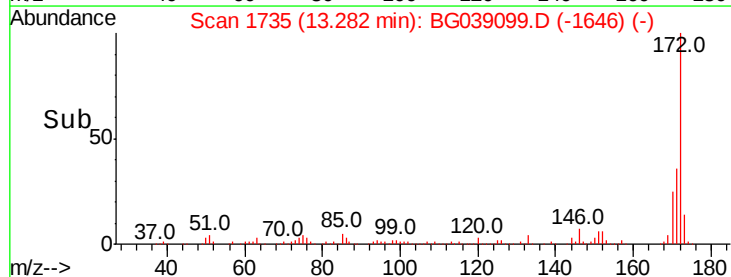


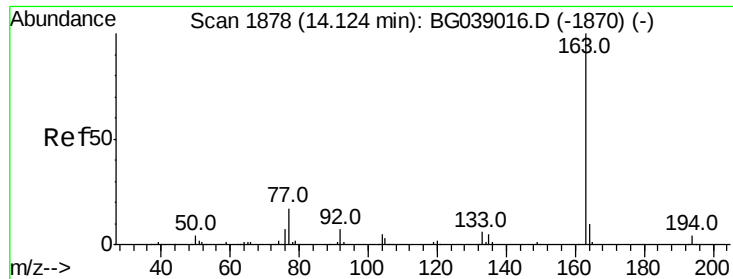
#45
 2-Fluorobiphenyl
 Concen: 65.641 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. -0.01 min
 Lab File: BG039099.D
 Acq: 12 Jan 2019 00:01

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.4	44.0
170	24.5	20.1	30.1



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





#50

Dimethylphthalate

Concen: 14.290 ng

RT: 14.11 min Scan# 1876

Delta R.T. -0.01 min

Lab File: BG039099.D

Acq: 12 Jan 2019 00:01

Instrument :

BNA_G

ClientSampleId :

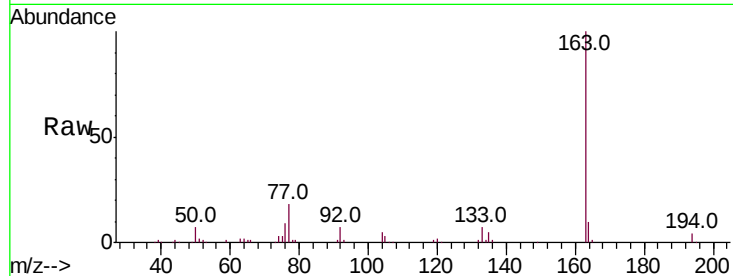
Tot Ion:163 Resp: 93616

Ion Ratio Lower Upper

163 100

194 4.3 3.6 5.4

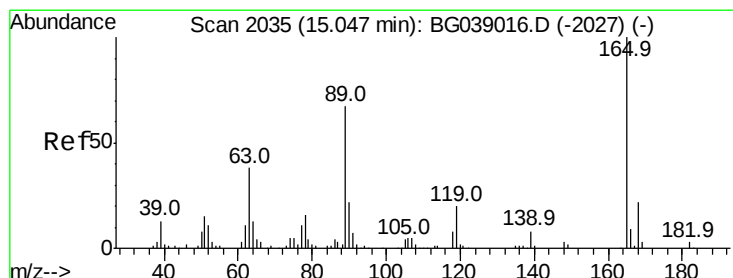
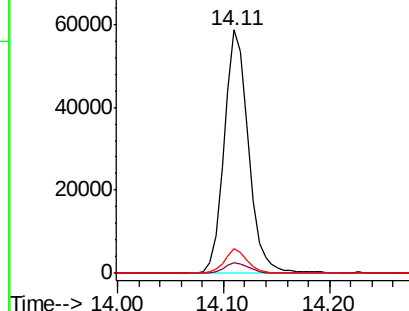
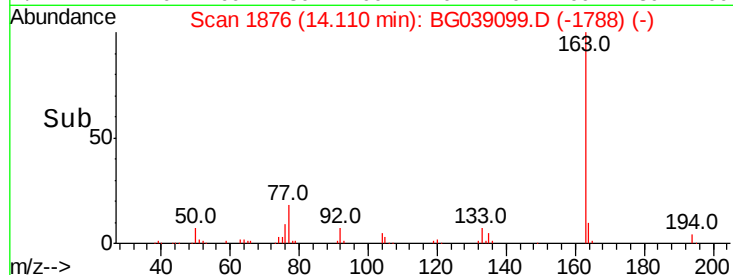
164 10.0 8.2 12.2



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



#57

2,4-Dinitrotoluene

Concen: 4.528 ng

RT: 14.66 min Scan# 1970

Delta R.T. -0.38 min

Lab File: BG039099.D

Acq: 12 Jan 2019 00:01

Tgt Ion:165 Resp: 9515

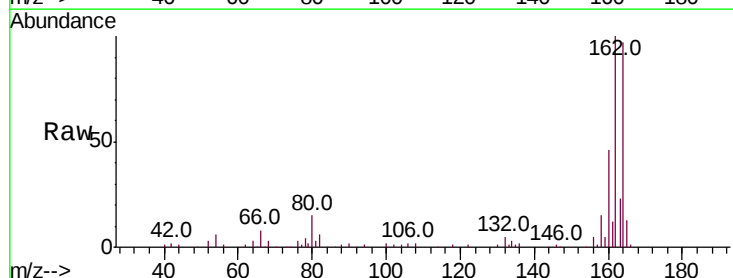
Ion Ratio Lower Upper

165 100

63 0.0 30.2 45.4#

89 0.0 53.2 79.8#

182 0.0 2.7 4.1#

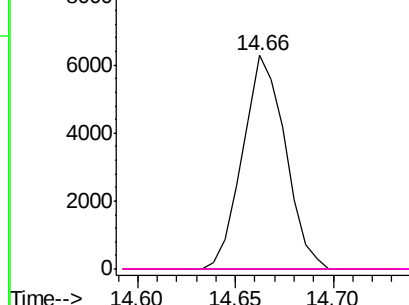
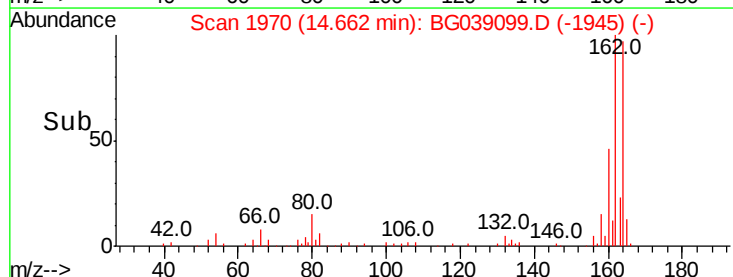


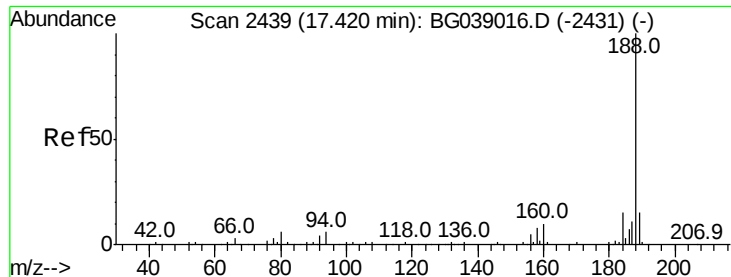
Abundance Ion 165.00 (164.70 to 165.70): E

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: 17.41 min Scan# 2438

Delta R.T. -0.01 min

Lab File: BG039099.D

Acq: 12 Jan 2019 00:01

Instrument :

BNA_G

ClientSampleId :

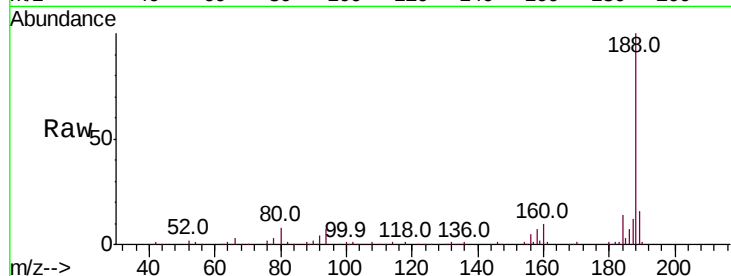
Tot Ion:188 Resp: 236516

Ion Ratio Lower Upper

188 100

94 7.4 5.0 7.4#

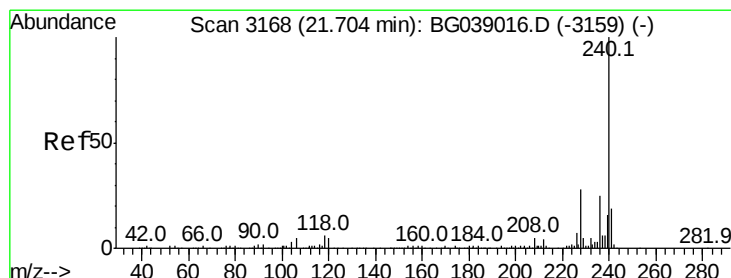
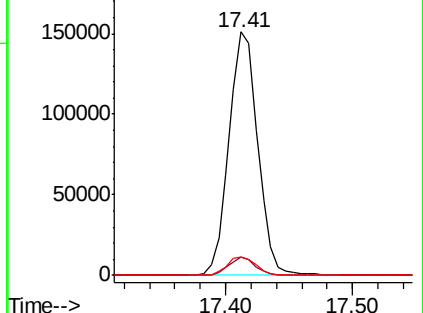
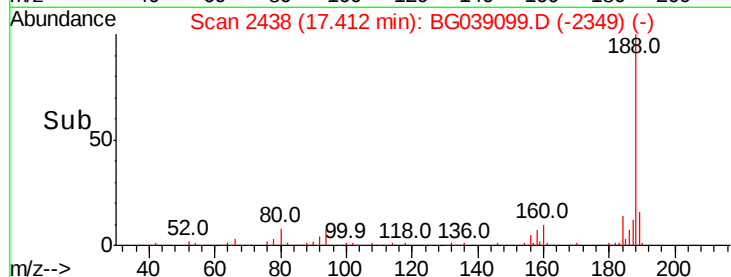
80 7.8 4.7 7.1#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3166

Delta R.T. -0.01 min

Lab File: BG039099.D

Acq: 12 Jan 2019 00:01

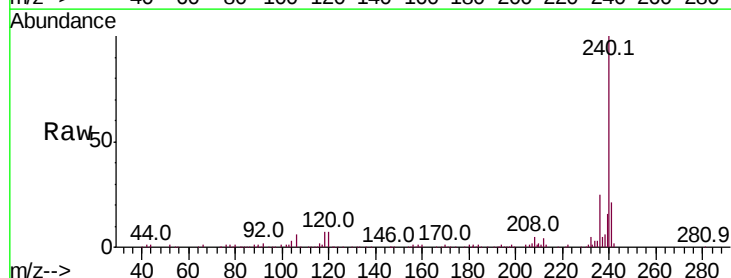
Tgt Ion:240 Resp: 196127

Ion Ratio Lower Upper

240 100

120 7.3 4.3 6.5#

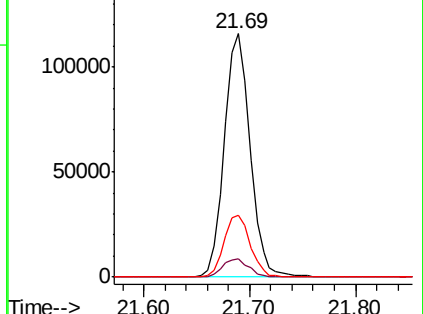
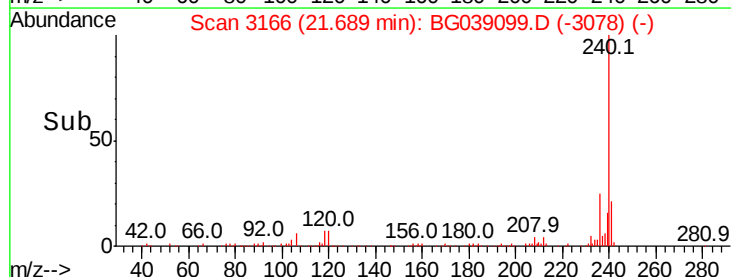
236 25.5 20.1 30.1

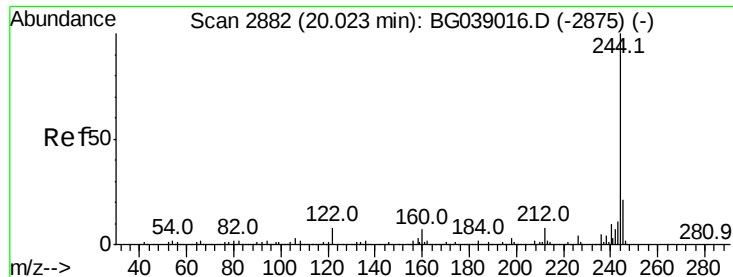


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 71.926 ng

RT: 20.01 min Scan# 2881

Delta R.T. -0.01 min

Lab File: BG039099.D

Acq: 12 Jan 2019 00:01

Instrument :

BNA_G

ClientSampleId :

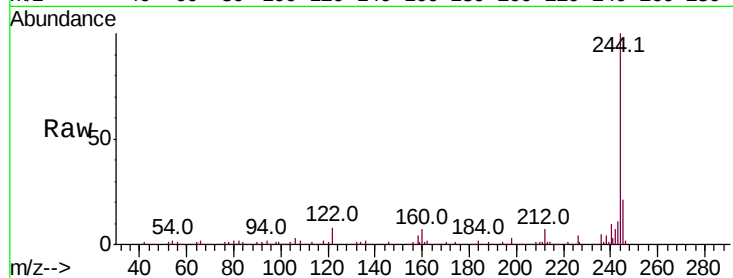
Tot Ion:244 Resp: 762562

Ion Ratio Lower Upper

244 100

212 7.5 6.1 9.1

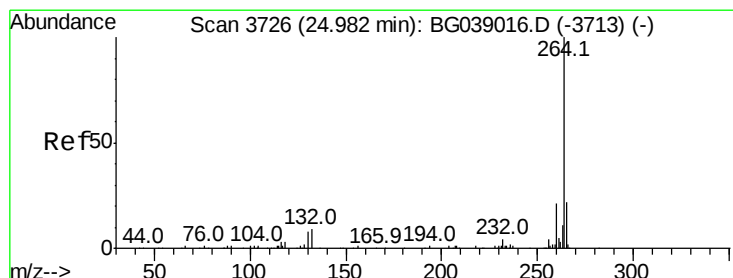
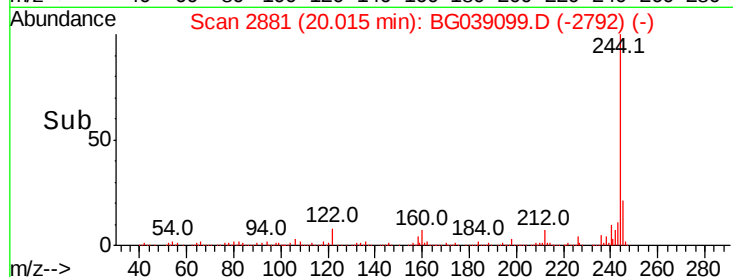
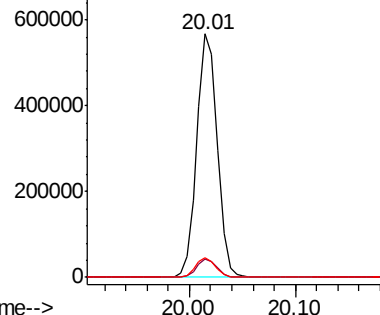
122 8.0 6.1 9.1



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: 24.96 min Scan# 3723

Delta R.T. -0.02 min

Lab File: BG039099.D

Acq: 12 Jan 2019 00:01

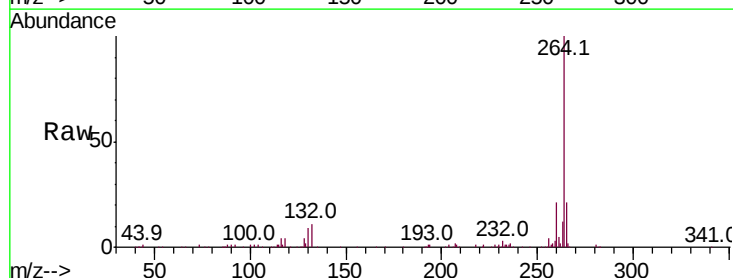
Tgt Ion:264 Resp: 205868

Ion Ratio Lower Upper

264 100

260 21.3 17.0 25.6

265 20.7 17.2 25.8



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

