

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010919\
 Data File : BG039034.D
 Acq On : 9 Jan 2019 23:44
 Operator : JU/SJ
 Sample : K1087-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MH-448-C

Quant Time: Jan 10 04:58:14 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

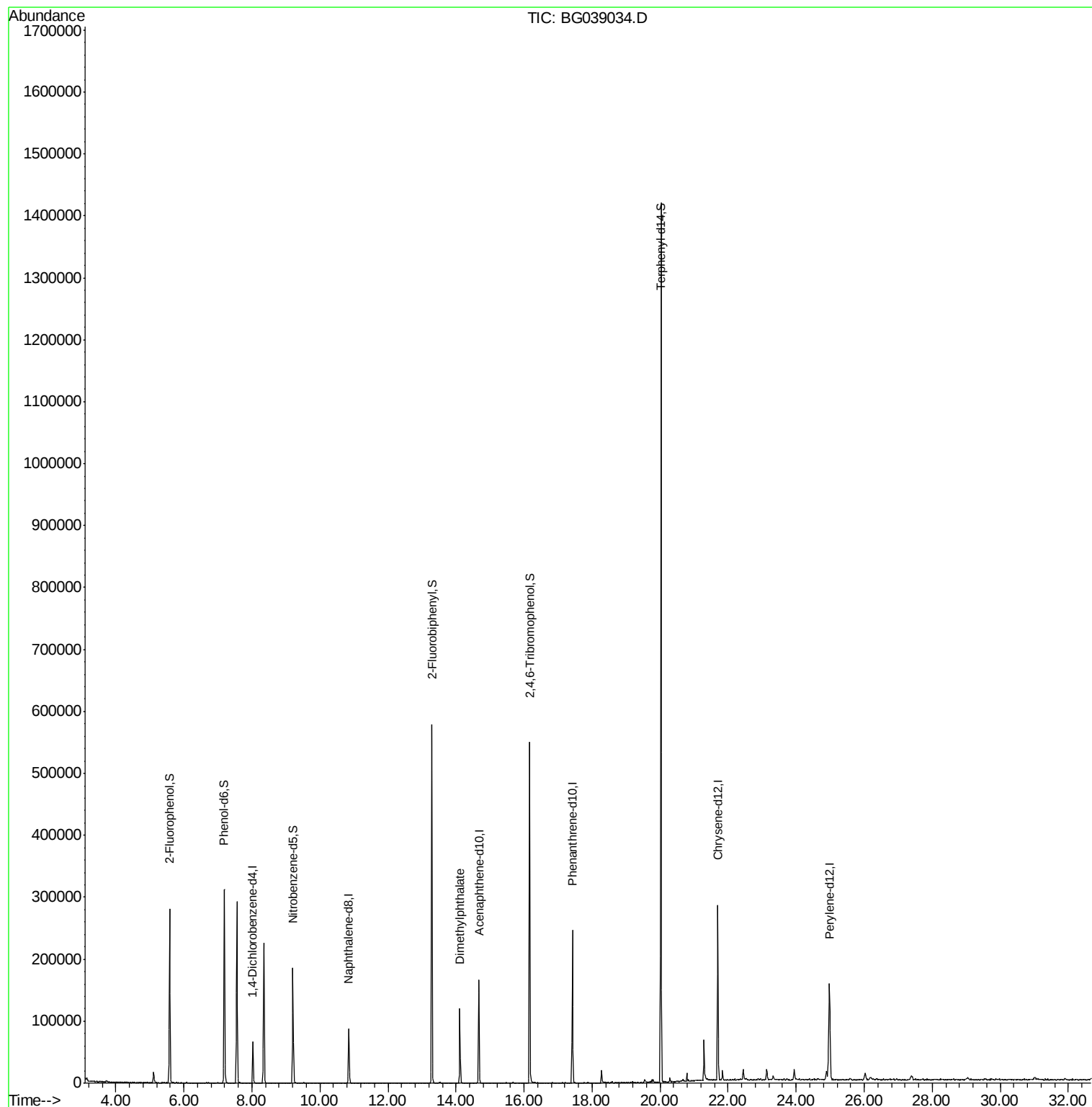
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	20794	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	83363	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	61587	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	168430	20.00	ng	0.00
76) Chrysene-d12	21.70	240	179283	20.00	ng	0.00
87) Perylene-d12	24.98	264	194801	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	131031	119.54	ng	0.00
7) Phenol-d6	7.19	99	186564	118.26	ng	0.00
23) Nitrobenzene-d5	9.21	82	112005	73.52	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	118664	114.94	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	329408	73.20	ng	0.00
79) Terphenyl-d14	20.02	244	716558	73.94	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.12	163	90784	17.444	ng	Qvalue 99

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

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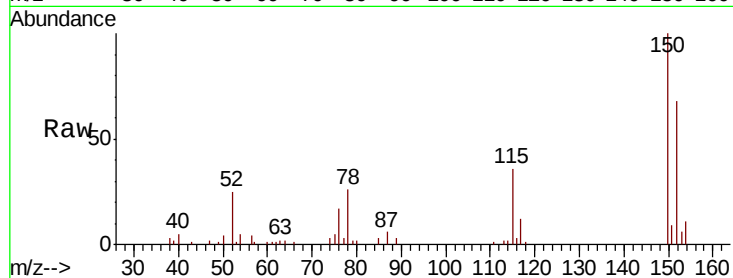


#1

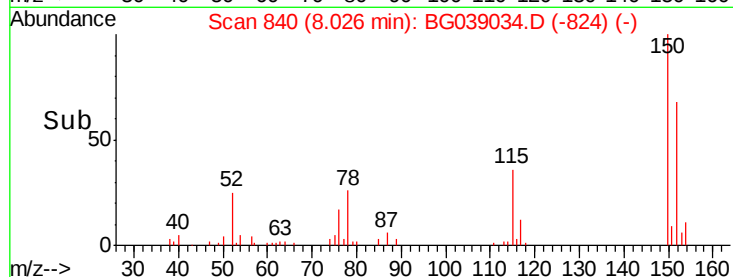
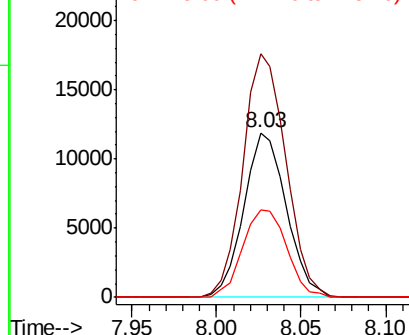
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 840
Delta R.T. -0.01 min
Lab File: BG039034.D
Acq: 9 Jan 2019 23:44

Instrument :
BNA_G
ClientSampleId :
MH-448-C

Tot Ion:152 Resp: 20794
Ion Ratio Lower Upper
152 100
150 147.9 124.7 187.1
115 53.2 46.5 69.7



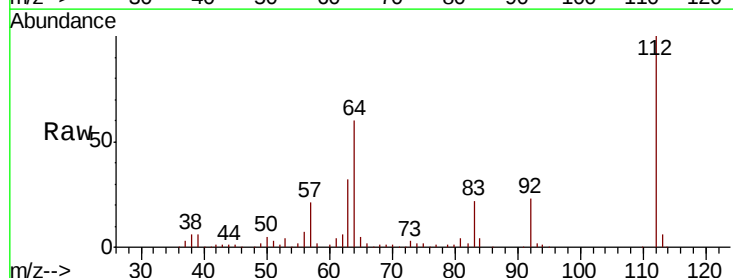
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



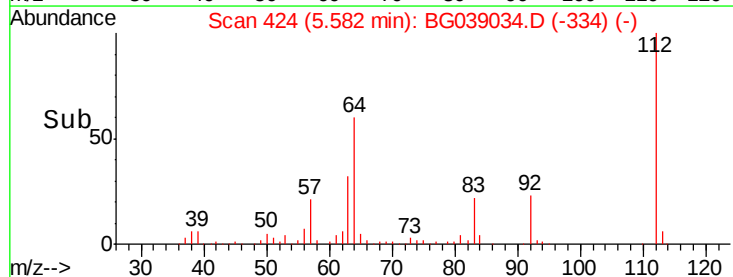
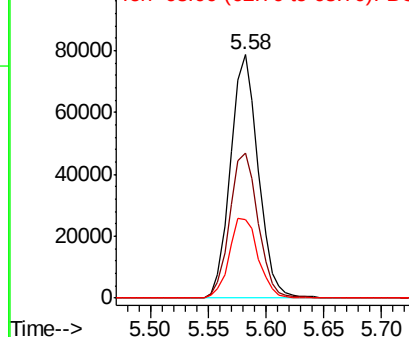
#5

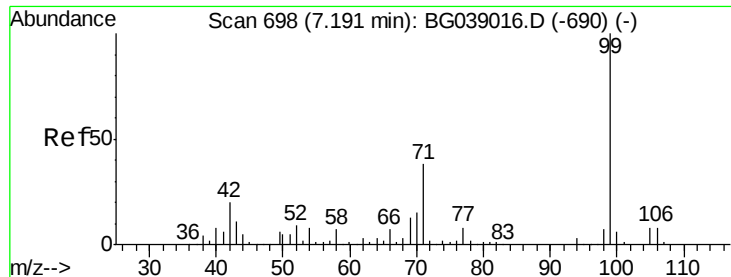
2-Fluorophenol
Concen: 119.536 ng
RT: 5.58 min Scan# 424
Delta R.T. 0.00 min
Lab File: BG039034.D
Acq: 9 Jan 2019 23:44

Tgt Ion:112 Resp: 131031
Ion Ratio Lower Upper
112 100
64 59.5 47.0 70.6
63 32.1 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: 118.264 ng

RT: 7.19 min Scan# 697

Delta R.T. -0.01 min

Lab File: BG039034.D

Acq: 9 Jan 2019 23:44

Instrument :

BNA_G

ClientSampled :

MH-448-C

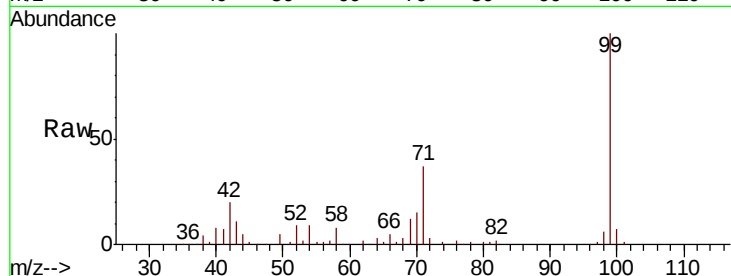
Tot Ion: 99 Resp: 186564

Ion Ratio Lower Upper

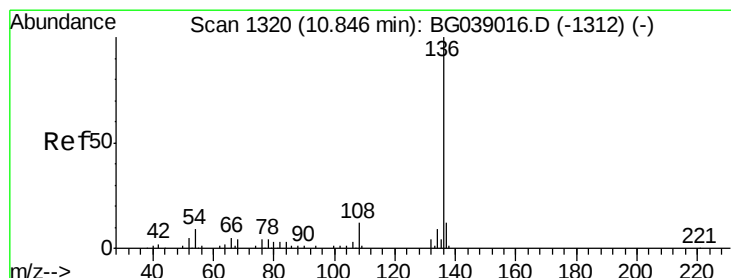
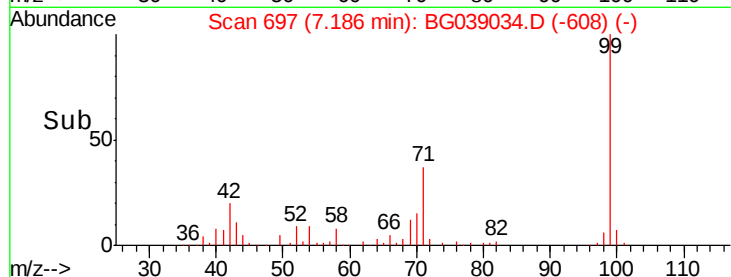
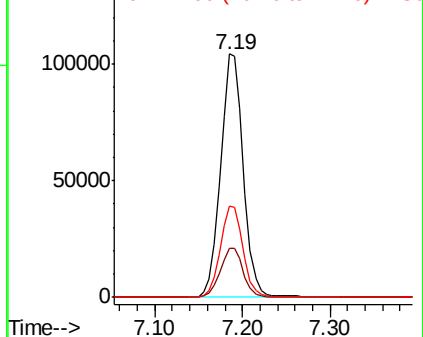
99 100

42 20.2 15.8 23.6

71 37.4 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.85 min Scan# 1320

Delta R.T. 0.00 min

Lab File: BG039034.D

Acq: 9 Jan 2019 23:44

Tgt Ion: 136 Resp: 83363

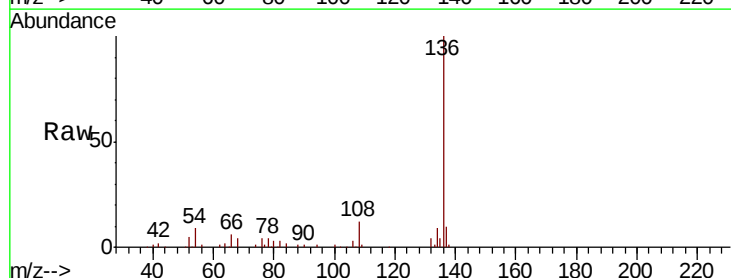
Ion Ratio Lower Upper

136 100

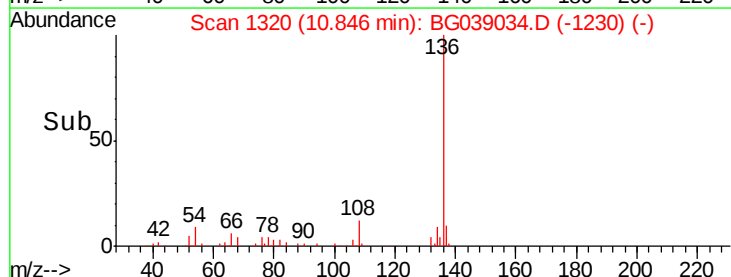
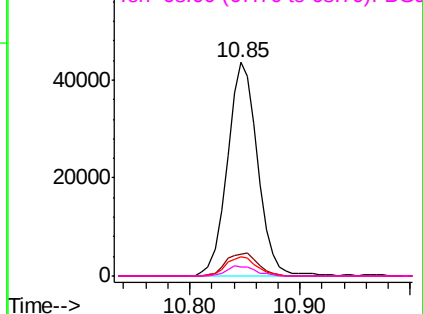
137 10.1 9.4 14.2

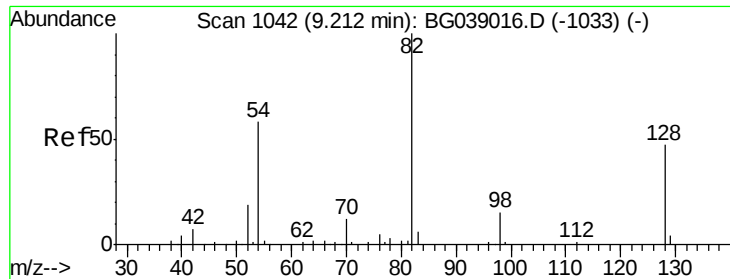
54 9.3 7.2 10.8

68 4.4 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

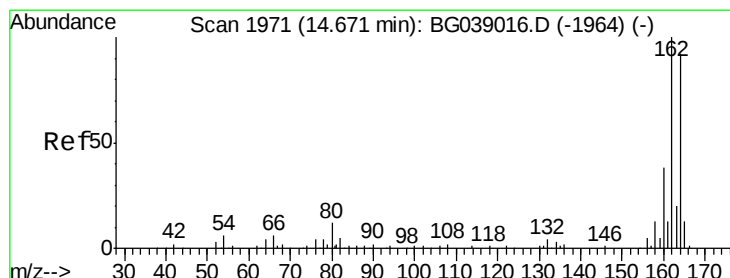
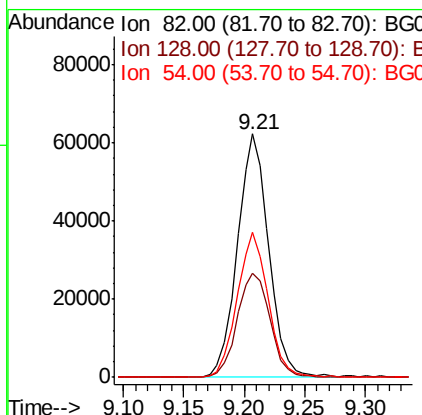
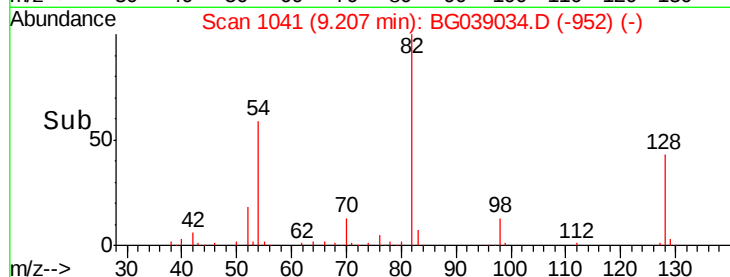
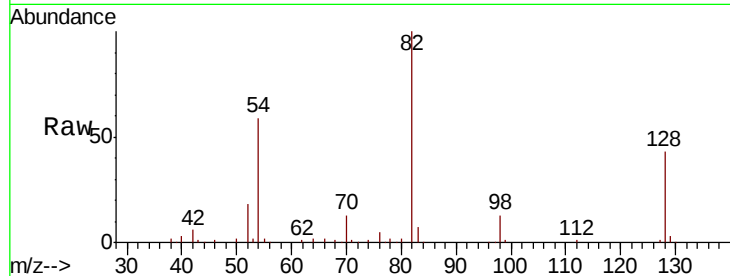




#23
Nitrobenzene-d5
Concen: 73.520 ng
RT: 9.21 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BG039034.D
Acq: 9 Jan 2019 23:44

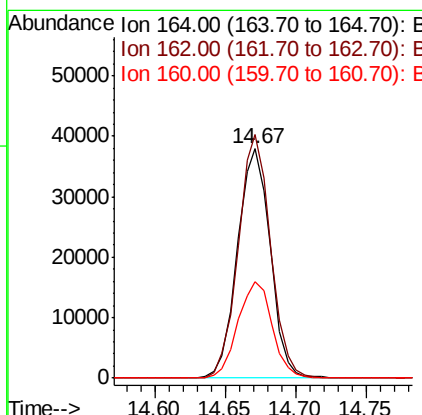
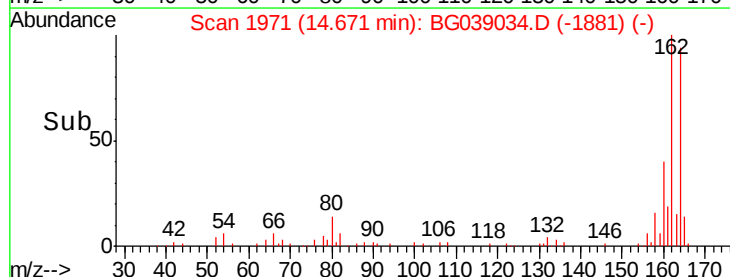
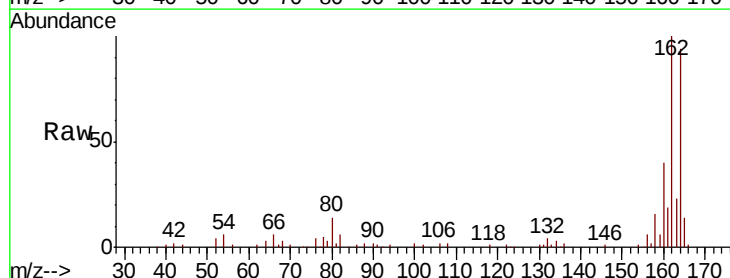
Instrument :
BNA_G
ClientSampleId :
MH-448-C

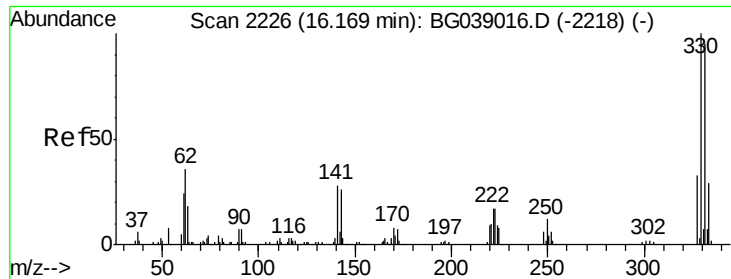
Tot Ion: 82 Resp: 112005
Ion Ratio Lower Upper
82 100
128 42.9 37.3 55.9
54 59.5 46.4 69.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1971
Delta R.T. 0.00 min
Lab File: BG039034.D
Acq: 9 Jan 2019 23:44

Tgt Ion:164 Resp: 61587
Ion Ratio Lower Upper
164 100
162 106.1 87.2 130.8
160 42.2 33.3 49.9





#42

2,4,6-Tribromophenol

Concen: 114.943 ng

RT: 16.16 min Scan# 2225

Delta R.T. -0.01 min

Lab File: BG039034.D

Acq: 9 Jan 2019 23:44

Instrument :

BNA_G

ClientSampleId :

MH-448-C

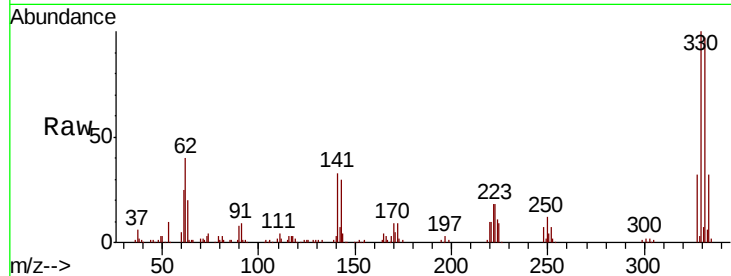
Tot Ion:330 Resp: 118664

Ion Ratio Lower Upper

330 100

332 96.5 75.7 113.5

141 32.1 24.9 37.3

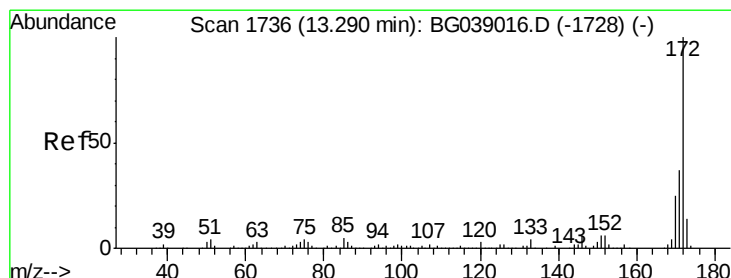
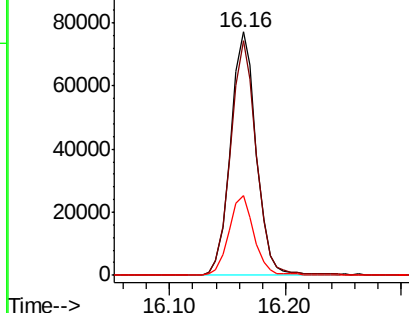
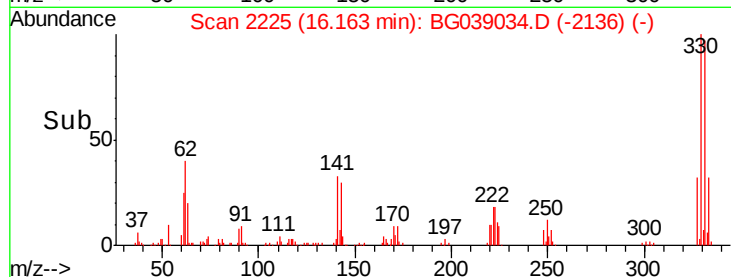


Abundance

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: 73.200 ng

RT: 13.29 min Scan# 1736

Delta R.T. 0.00 min

Lab File: BG039034.D

Acq: 9 Jan 2019 23:44

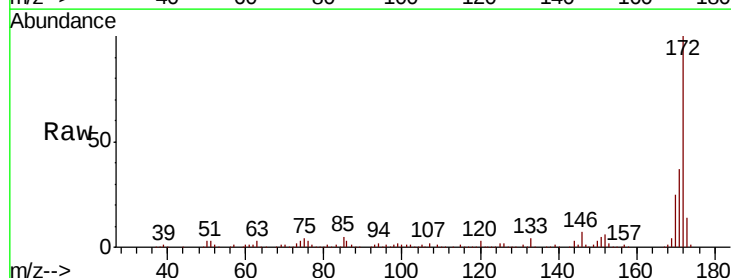
Tgt Ion:172 Resp: 329408

Ion Ratio Lower Upper

172 100

171 37.1 29.4 44.0

170 24.6 20.1 30.1

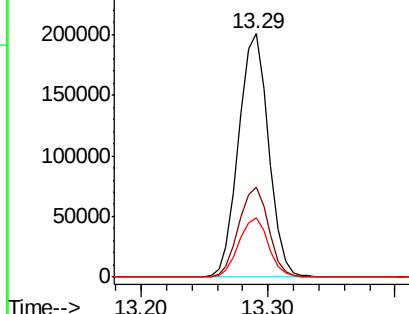
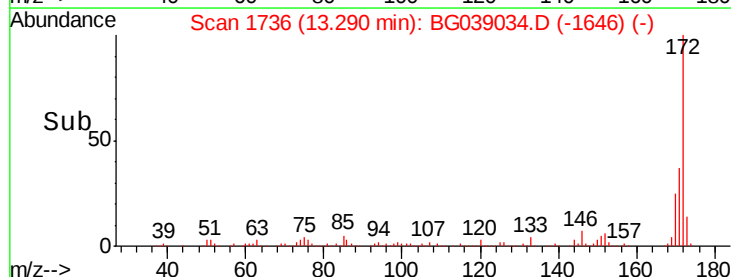


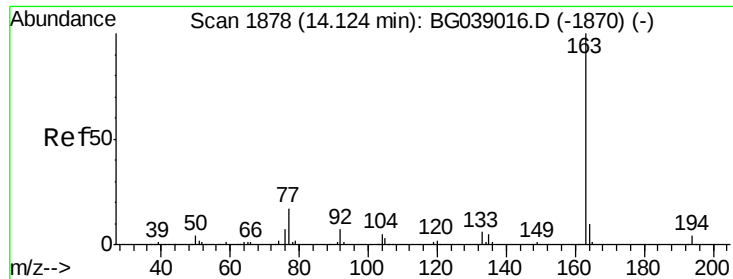
Abundance

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: 17.444 ng

RT: 14.12 min Scan# 1877

Delta R.T. -0.01 min

Lab File: BG039034.D

Acq: 9 Jan 2019 23:44

Instrument :

BNA_G

ClientSampleId :

MH-448-C

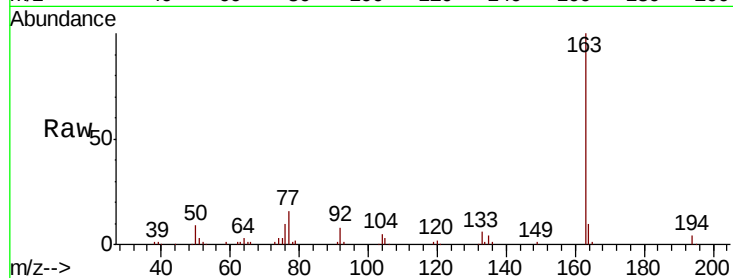
Tot Ion:163 Resp: 90784

Ion Ratio Lower Upper

163 100

194 4.5 3.6 5.4

164 9.6 8.2 12.2

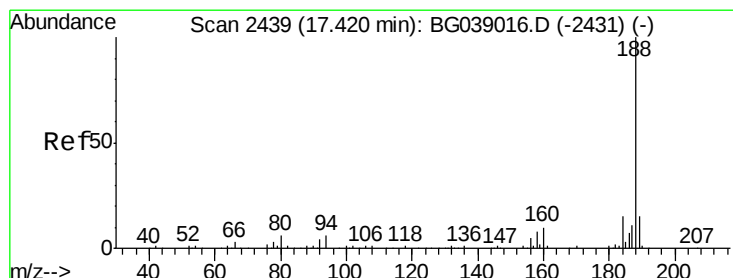
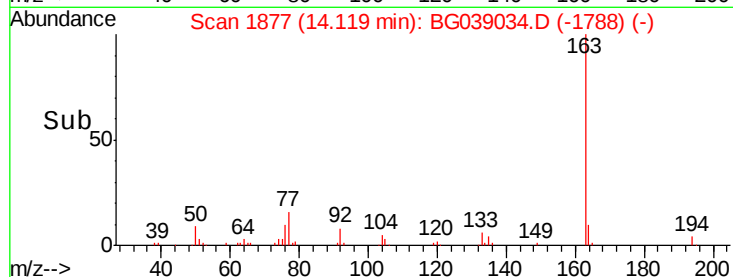
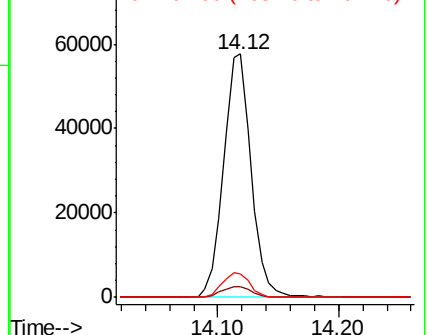


Abundance

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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2439

Delta R.T. 0.00 min

Lab File: BG039034.D

Acq: 9 Jan 2019 23:44

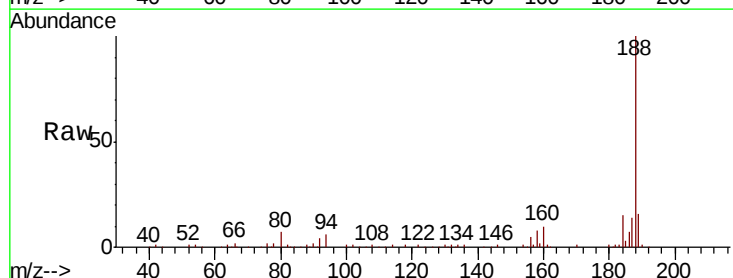
Tgt Ion:188 Resp: 168430

Ion Ratio Lower Upper

188 100

94 6.1 5.0 7.4

80 6.6 4.7 7.1

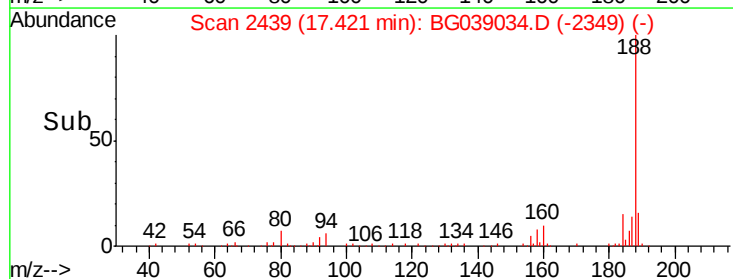
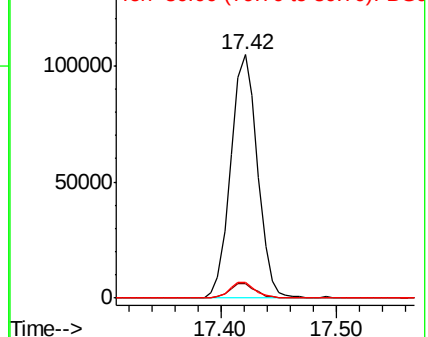


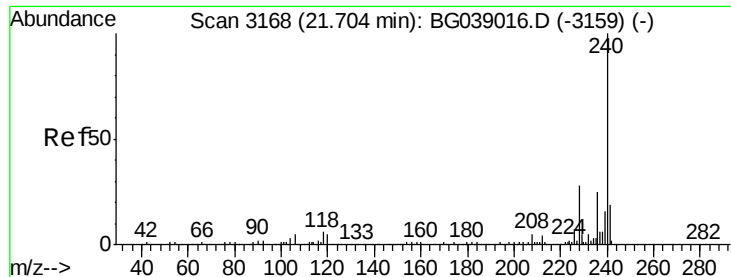
Abundance

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





#76

Chrvsene-d12

Concen: 20.000 ng

RT: 21.70 min Scan# 3167

Delta R.T. -0.01 min

Lab File: BG039034.D

Acq: 9 Jan 2019 23:44

Instrument :

BNA_G

ClientSampleId :

MH-448-C

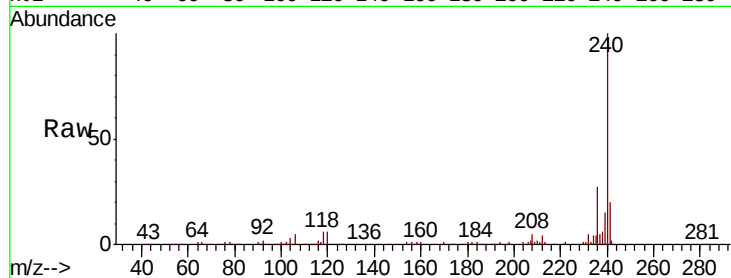
Tot Ion:240 Resp: 179283

Ion Ratio Lower Upper

240 100

120 5.8 4.3 6.5

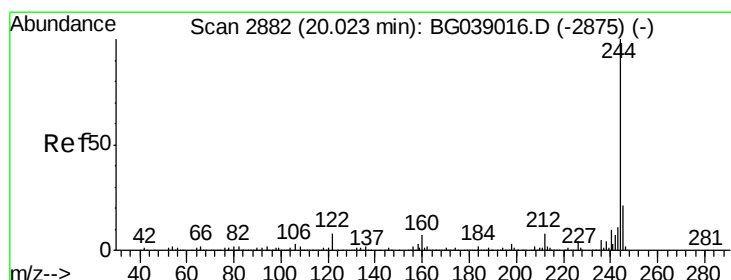
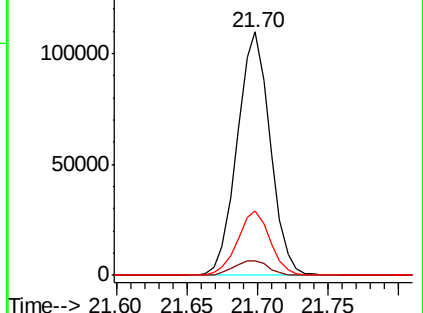
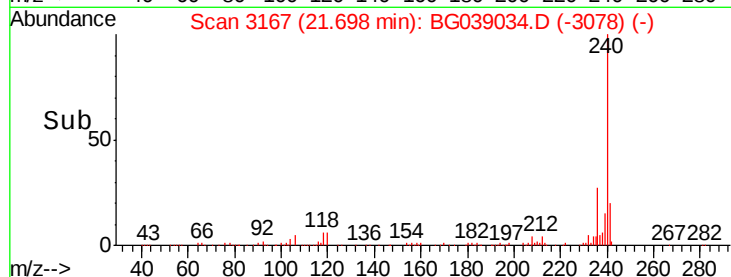
236 26.5 20.1 30.1



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: 73.936 ng

RT: 20.02 min Scan# 2882

Delta R.T. 0.00 min

Lab File: BG039034.D

Acq: 9 Jan 2019 23:44

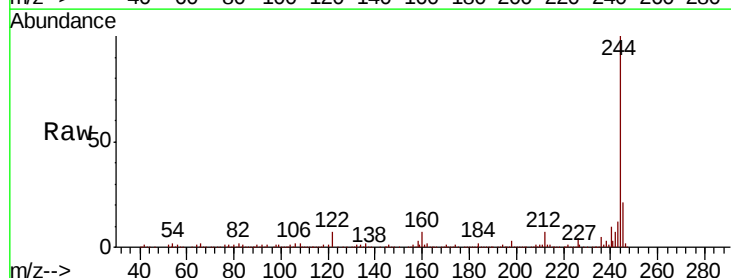
Tgt Ion:244 Resp: 716558

Ion Ratio Lower Upper

244 100

212 7.3 6.1 9.1

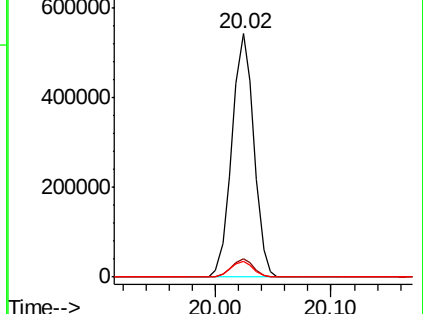
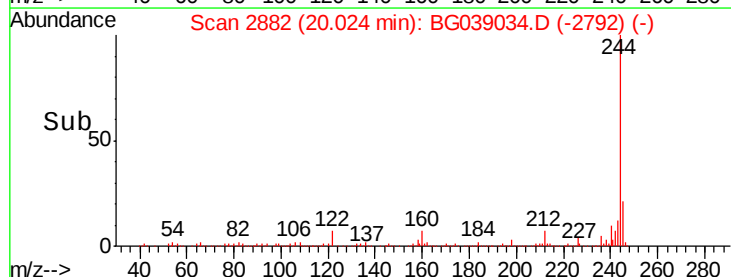
122 6.6 6.1 9.1

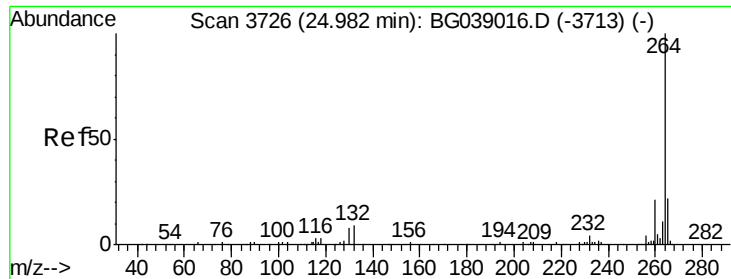


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

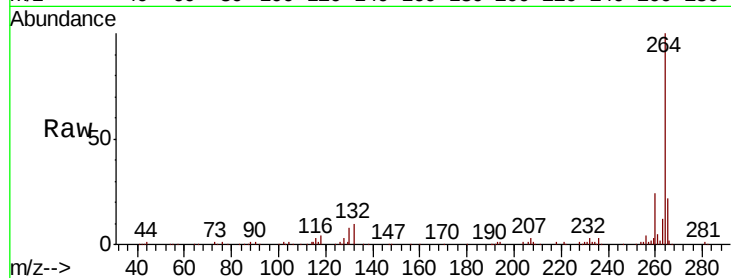




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.98 min Scan# 3725
 Delta R.T. -0.01 min
 Lab File: BG039034.D
 Acq: 9 Jan 2019 23:44

Instrument :
 BNA_G
 ClientSampleId :
 MH-448-C

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	17.0	25.6
265	22.1	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

