

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010919\
 Data File : BG039035.D
 Acq On : 10 Jan 2019 00:24
 Operator : JU/SJ
 Sample : K1087-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MH-447-C

Quant Time: Jan 10 05:00:02 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

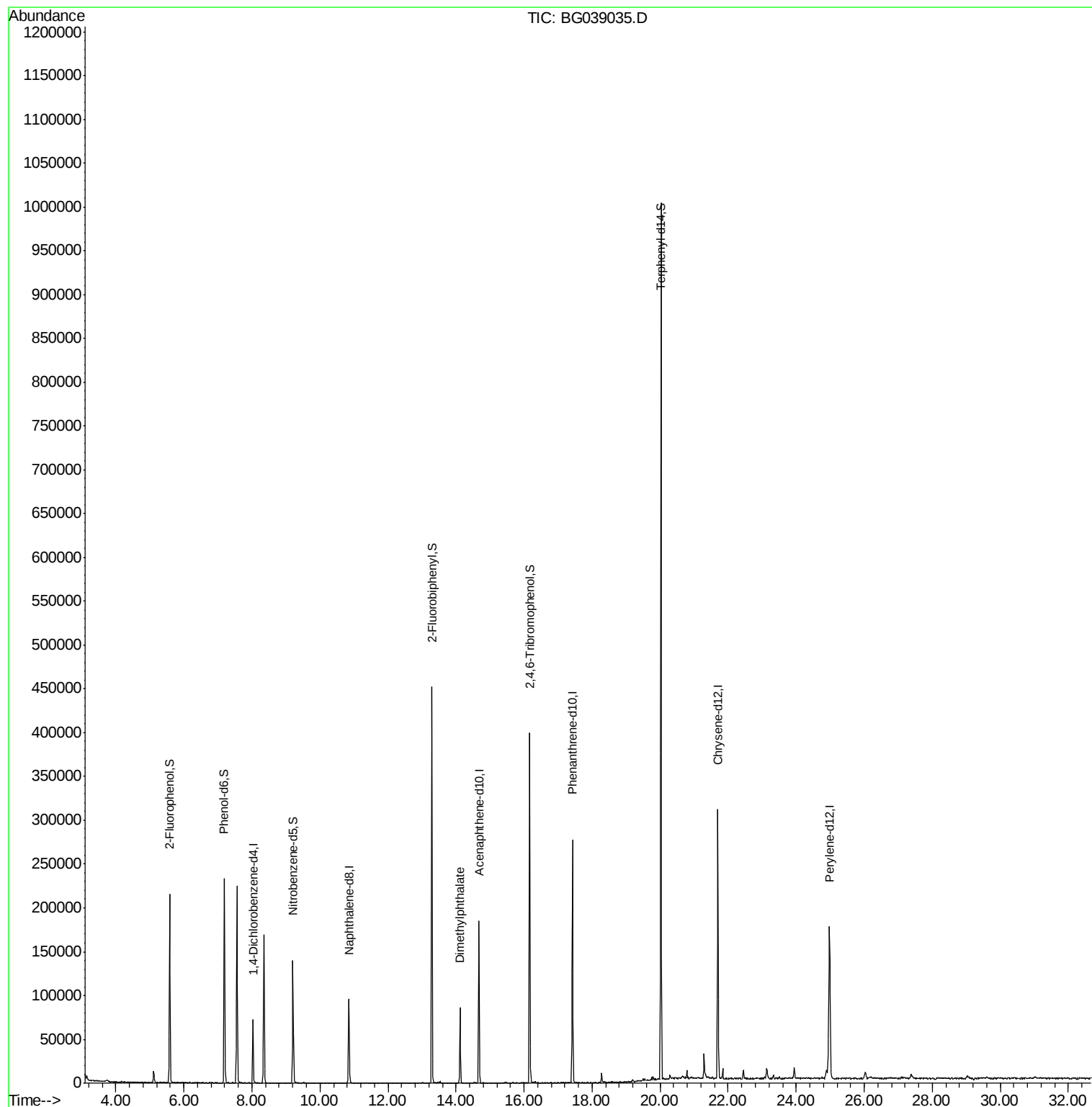
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	21976	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	91938	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	67217	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	183759	20.00	ng	0.00
76) Chrysene-d12	21.70	240	194093	20.00	ng	0.00
87) Perylene-d12	24.98	264	213166	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	99845	86.19	ng	0.00
7) Phenol-d6	7.19	99	140716	84.40	ng	0.00
23) Nitrobenzene-d5	9.21	82	83505	49.70	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	88022	78.12	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	248459	50.59	ng	0.00
79) Terphenyl-d14	20.02	244	517044	49.28	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.12	163	64769	11.403	ng	Qvalue 99

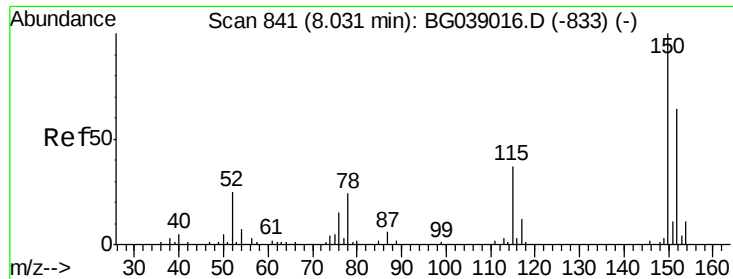
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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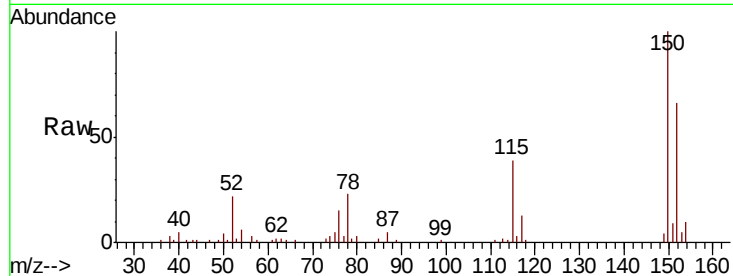




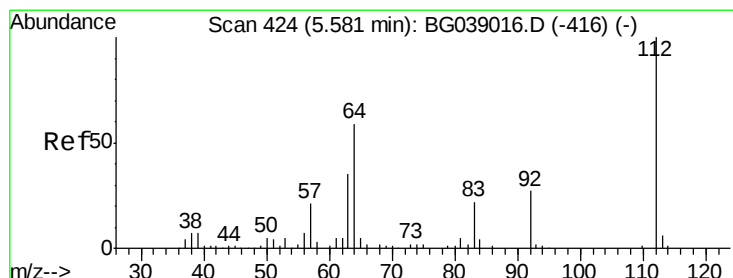
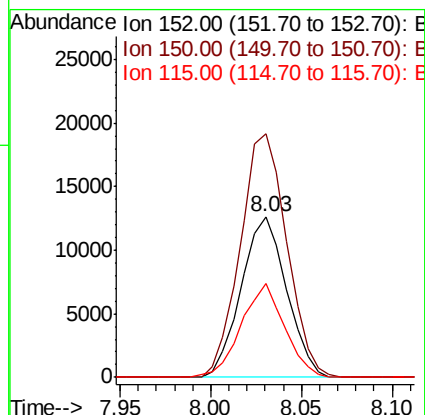
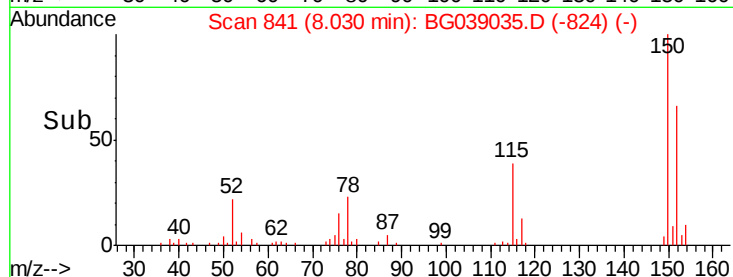
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.03 min Scan# 841
 Delta R.T. -0.00 min
 Lab File: BG039035.D
 Acq: 10 Jan 2019 00:24

Instrument :
 BNA_G
 ClientSampleId :
 MH-447-C

Tot Ion:152 Resp: 21976
 Ion Ratio Lower Upper
 152 100
 150 151.8 124.7 187.1
 115 58.8 46.5 69.7

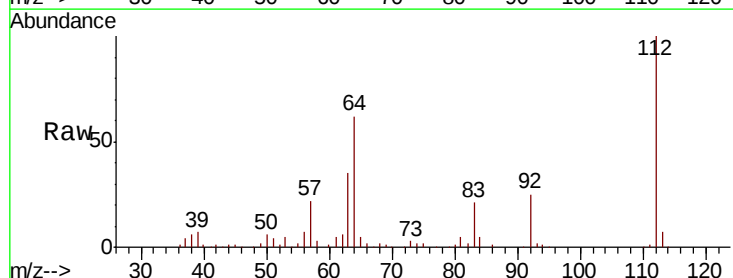


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

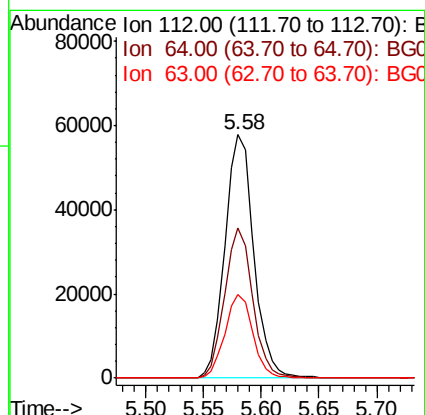
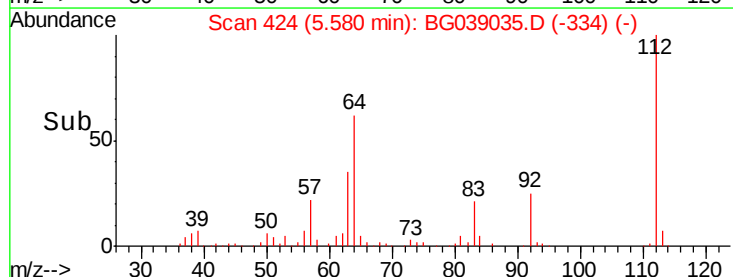


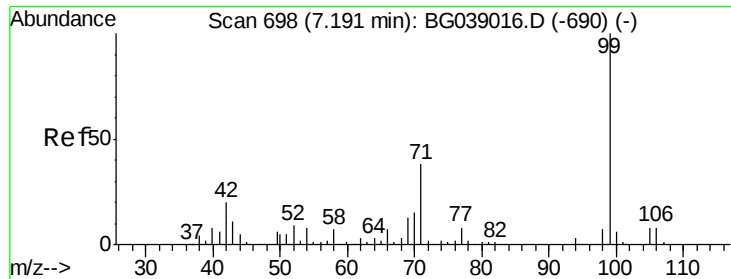
#5
 2-Fluorophenol
 Concen: 86.187 ng
 RT: 5.58 min Scan# 424
 Delta R.T. -0.00 min
 Lab File: BG039035.D
 Acq: 10 Jan 2019 00:24

Tgt Ion:112 Resp: 99845
 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): BG
 Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 84.403 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.00 min

Lab File: BG039035.D

Acq: 10 Jan 2019 00:24

Instrument :

BNA_G

ClientSampled :

MH-447-C

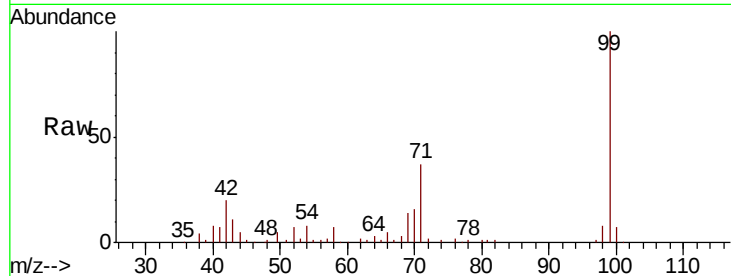
Tot Ion: 99 Resp: 140716

Ion Ratio Lower Upper

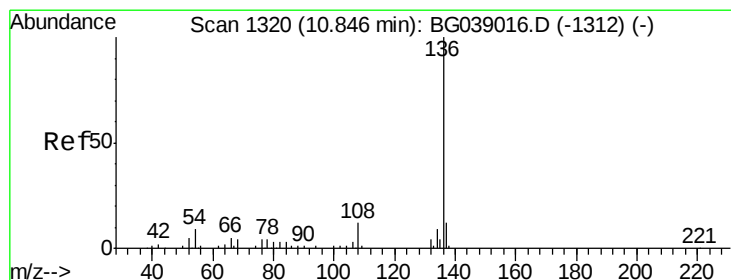
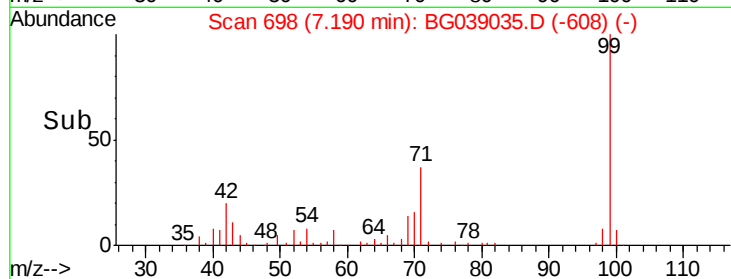
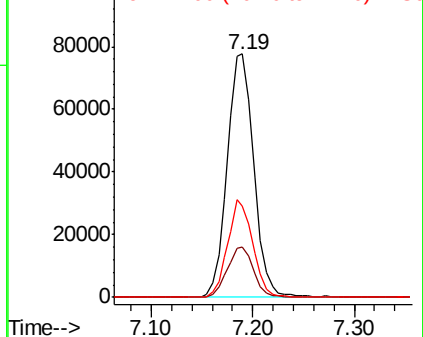
99 100

42 20.5 15.8 23.6

71 37.3 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: 10.84 min Scan# 1320

Delta R.T. -0.00 min

Lab File: BG039035.D

Acq: 10 Jan 2019 00:24

Tgt Ion: 136 Resp: 91938

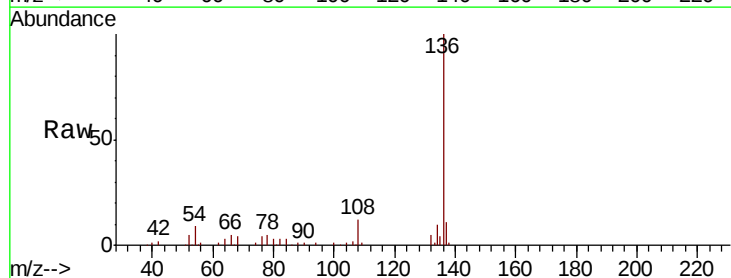
Ion Ratio Lower Upper

136 100

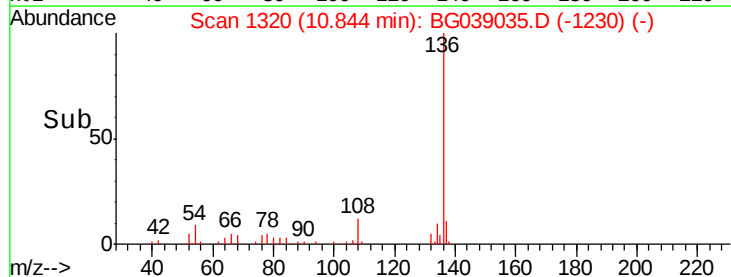
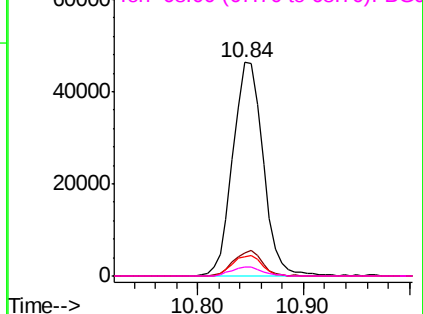
137 11.1 9.4 14.2

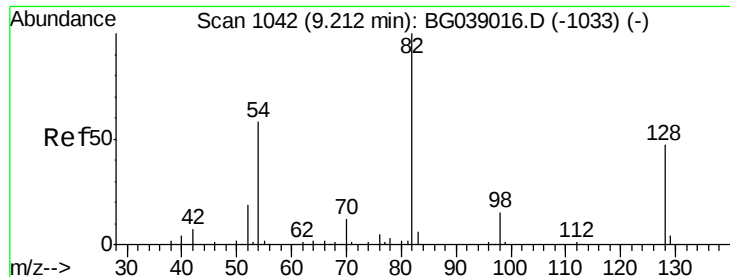
54 9.2 7.2 10.8

68 4.0 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

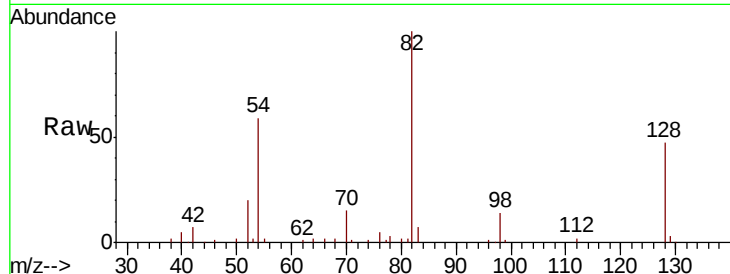




#23
Nitrobenzene-d5
Concen: 49.700 ng
RT: 9.21 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BG039035.D
Acq: 10 Jan 2019 00:24

Instrument :
BNA_G
ClientSampleId :
MH-447-C

Tot Ion	82.00	Resp	83505
Ion Ratio	Lower	Upper	
82	100		
128	46.9	37.3	55.9
54	59.4	46.4	69.6

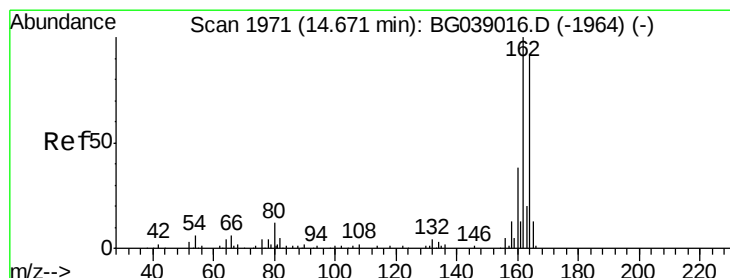
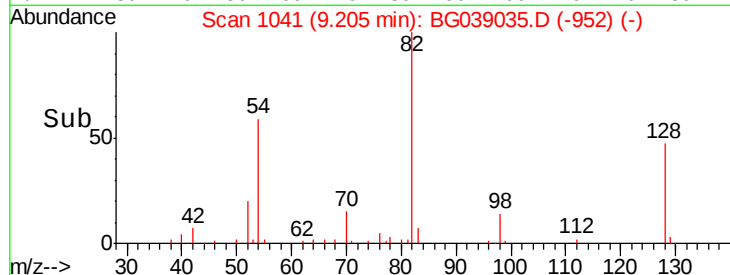
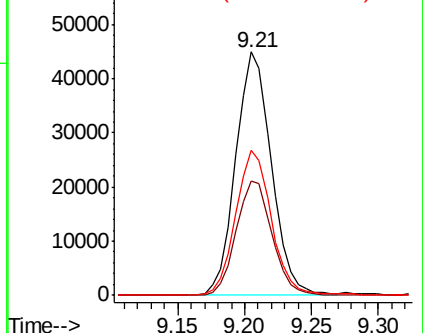


Abundance

Ion 82.00 (81.70 to 82.70): BGC

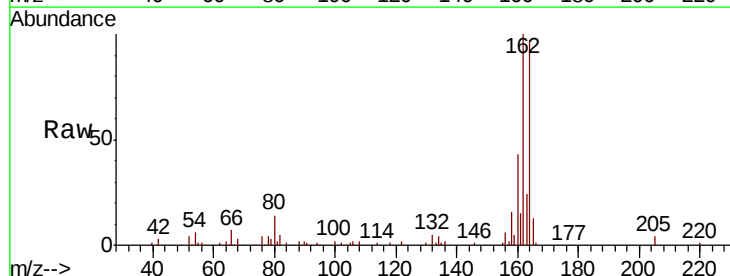
Ion 128.00 (127.70 to 128.70): BGC

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: BG039035.D
Acq: 10 Jan 2019 00:24

Tgt Ion	164	Resp	67217
Ion Ratio	Lower	Upper	
164	100		
162	102.7	87.2	130.8
160	44.2	33.3	49.9

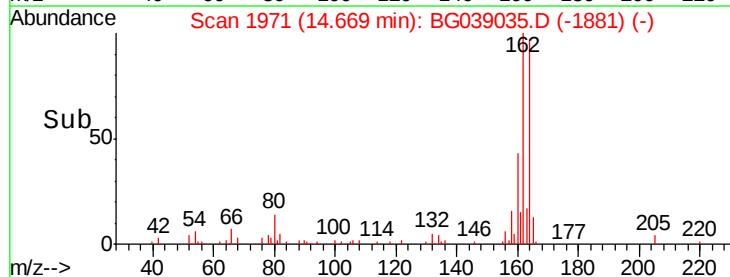
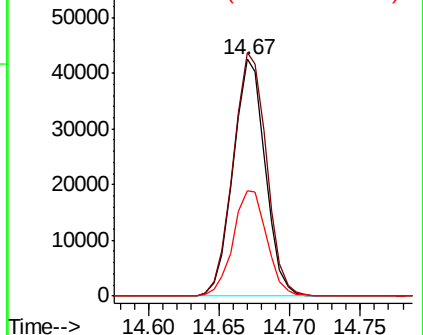


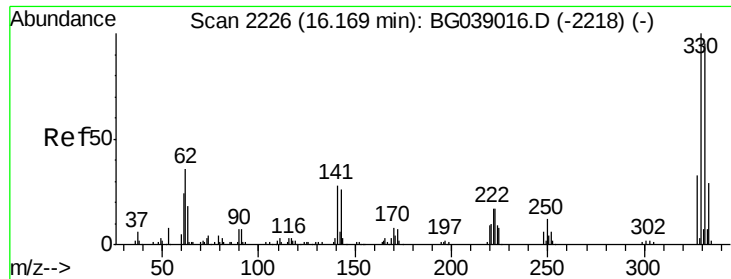
Abundance

Ion 164.00 (163.70 to 164.70): BGC

Ion 162.00 (161.70 to 162.70): BGC

Ion 160.00 (159.70 to 160.70): BGC





#42

2,4,6-Tribromophenol

Concen: 78.121 ng

RT: 16.16 min Scan# 2225

Delta R.T. -0.01 min

Lab File: BG039035.D

Acq: 10 Jan 2019 00:24

Instrument :

BNA_G

ClientSampleId :

MH-447-C

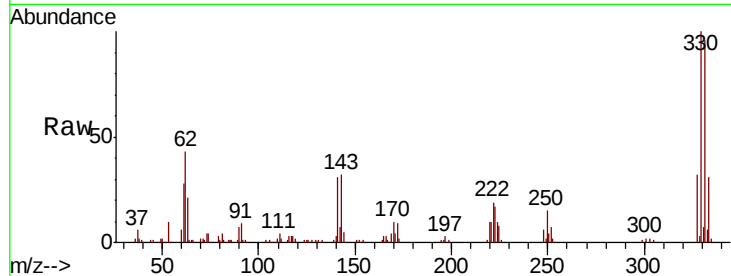
Tot Ion:330 Resp: 88022

Ion Ratio Lower Upper

330 100

332 95.5 75.7 113.5

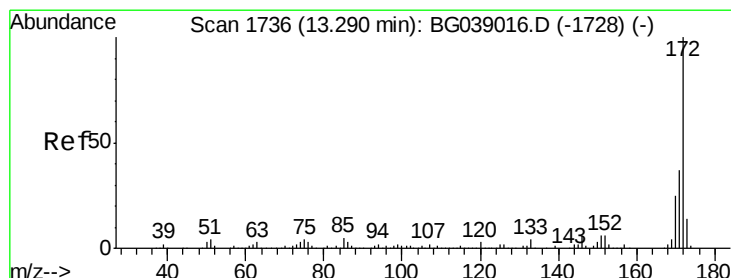
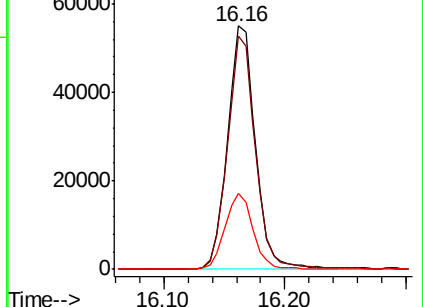
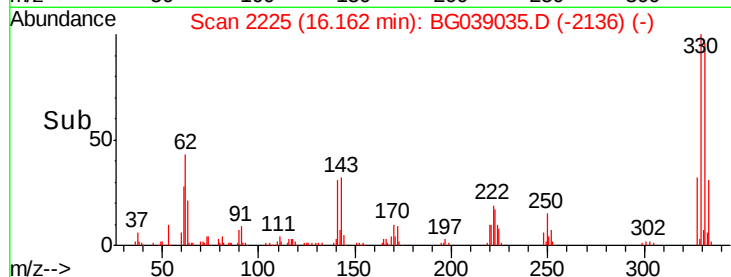
141 31.2 24.9 37.3



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: 50.587 ng

RT: 13.29 min Scan# 1736

Delta R.T. -0.00 min

Lab File: BG039035.D

Acq: 10 Jan 2019 00:24

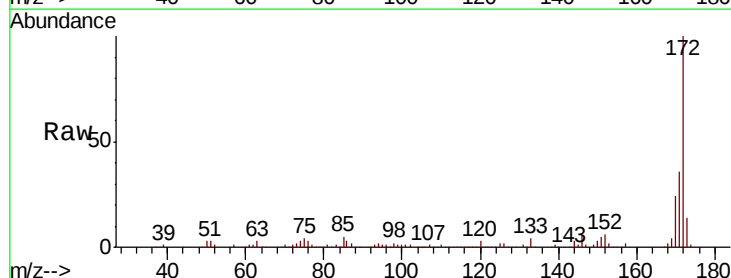
Tgt Ion:172 Resp: 248459

Ion Ratio Lower Upper

172 100

171 36.2 29.4 44.0

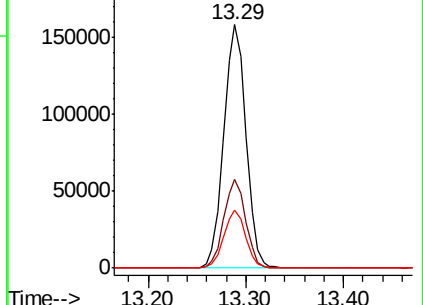
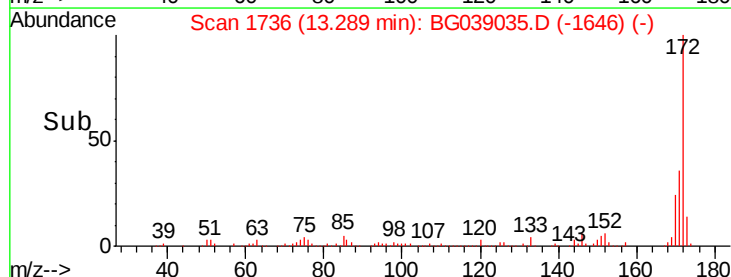
170 23.6 20.1 30.1

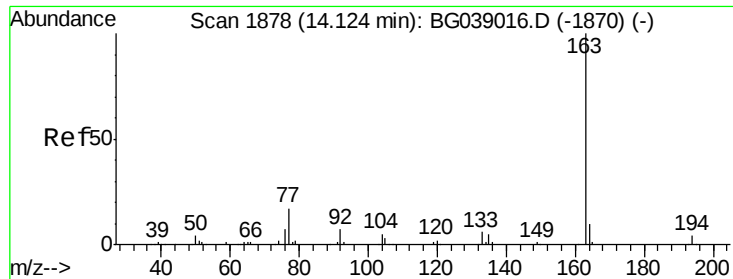


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 11.403 ng

RT: 14.12 min Scan# 1877

Delta R.T. -0.01 min

Lab File: BG039035.D

Acq: 10 Jan 2019 00:24

Instrument :

BNA_G

ClientSampleId :

MH-447-C

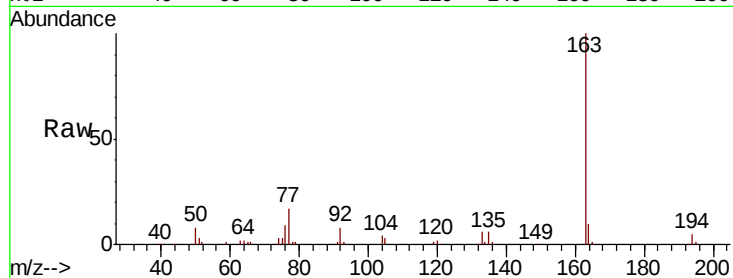
Tot Ion:163 Resp: 64769

Ion Ratio Lower Upper

163 100

194 4.7 3.6 5.4

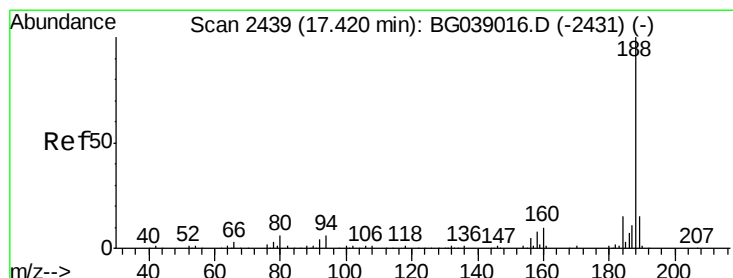
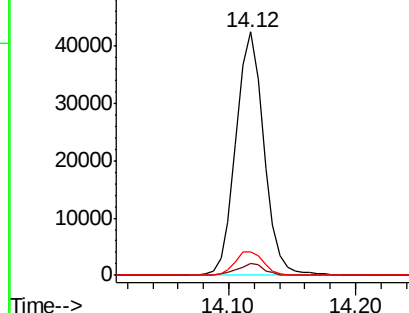
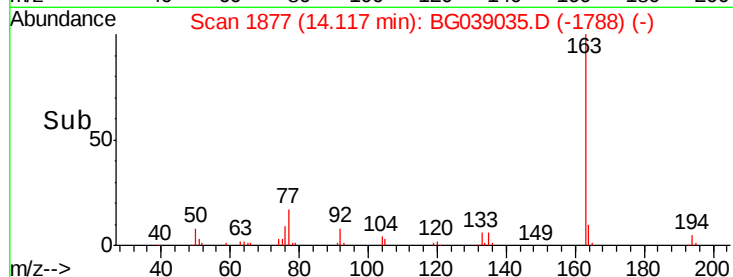
164 9.7 8.2 12.2



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: BG039035.D

Acq: 10 Jan 2019 00:24

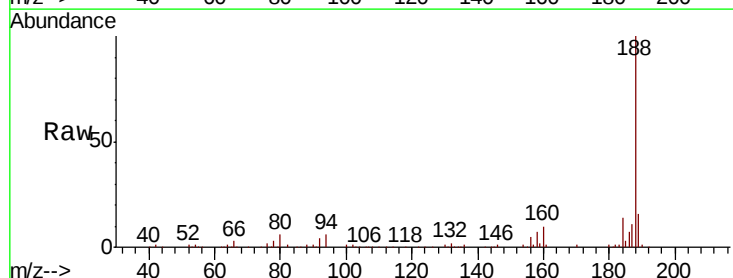
Tgt Ion:188 Resp: 183759

Ion Ratio Lower Upper

188 100

94 6.3 5.0 7.4

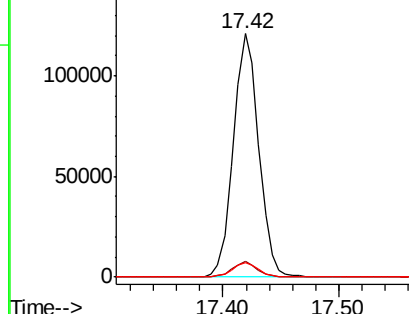
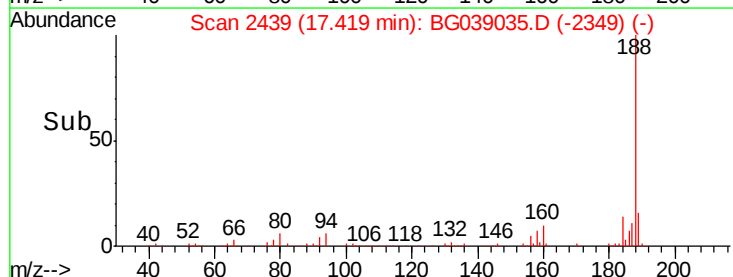
80 6.2 4.7 7.1

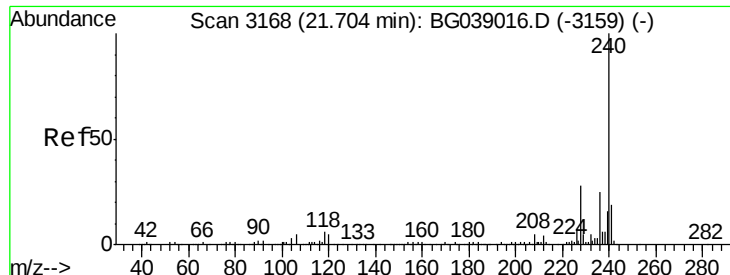


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

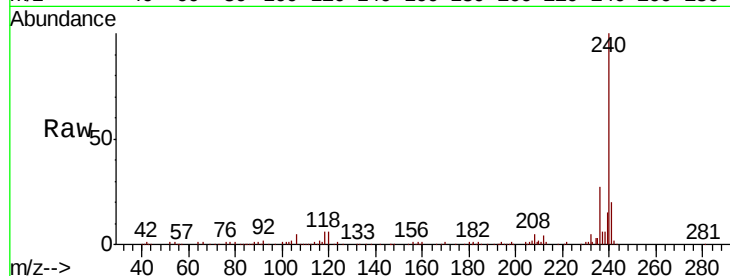




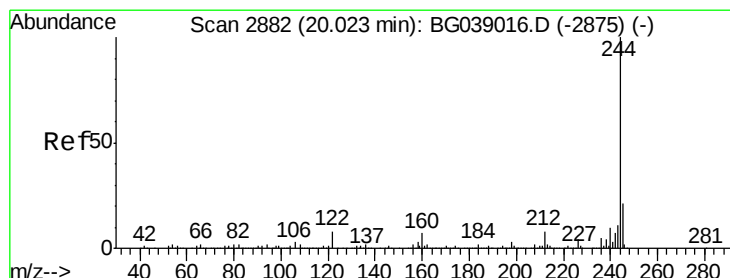
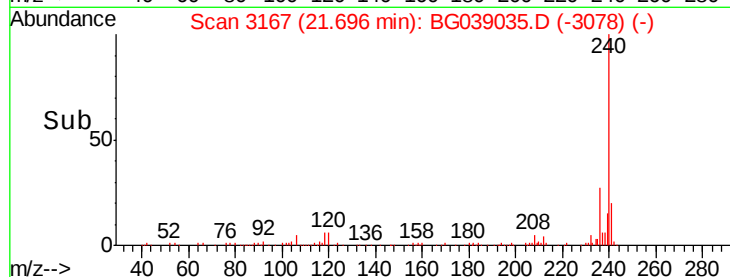
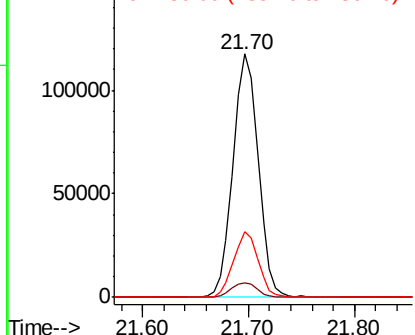
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3167
Delta R.T. -0.01 min
Lab File: BG039035.D
Acq: 10 Jan 2019 00:24

Instrument :
BNA_G
ClientSampleId :
MH-447-C

Tot Ion:240 Resp: 194093
Ion Ratio Lower Upper
240 100
120 6.2 4.3 6.5
236 26.8 20.1 30.1

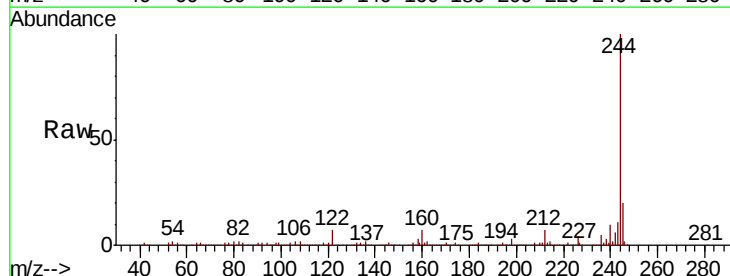


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

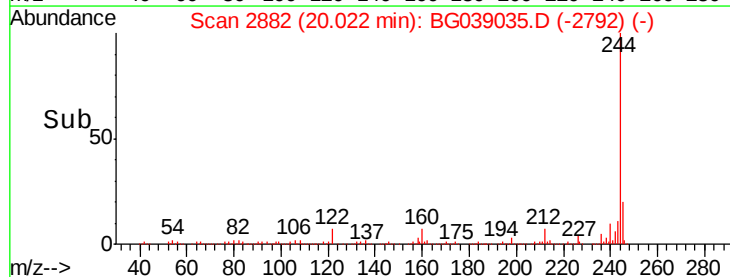
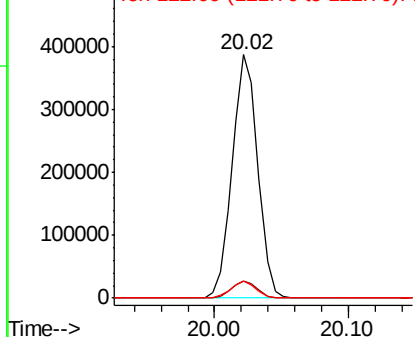


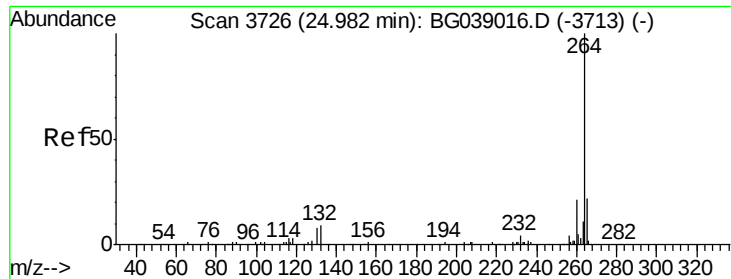
#79
Terphenyl-d14
Concen: 49.279 ng
RT: 20.02 min Scan# 2882
Delta R.T. -0.00 min
Lab File: BG039035.D
Acq: 10 Jan 2019 00:24

Tgt Ion:244 Resp: 517044
Ion Ratio Lower Upper
244 100
212 7.2 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





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.98 min Scan# 3726
 Delta R.T. -0.00 min
 Lab File: BG039035.D
 Acq: 10 Jan 2019 00:24

Instrument :
 BNA_G
 ClientSampleId :
 MH-447-C

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.7	17.0	25.6
265	20.9	17.2	25.8

