

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011019\
 Data File : BG039086.D
 Acq On : 11 Jan 2019 13:35
 Operator : JU/SJ
 Sample : PB116318BL
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB116318BL

Quant Time: Jan 11 15:16:18 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	22593	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	87723	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	63116	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	177287	20.00	ng	0.00
76) Chrysene-d12	21.69	240	196990	20.00	ng	-0.01
87) Perylene-d12	24.97	264	206953	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.58	112	122938	103.22	ng	0.00
7) Phenol-d6	7.18	99	167176	97.54	ng	0.00
23) Nitrobenzene-d5	9.20	82	93454	58.29	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	60506	57.19	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	282126	61.17	ng	0.00
79) Terphenyl-d14	20.02	244	620626	58.28	ng	0.00

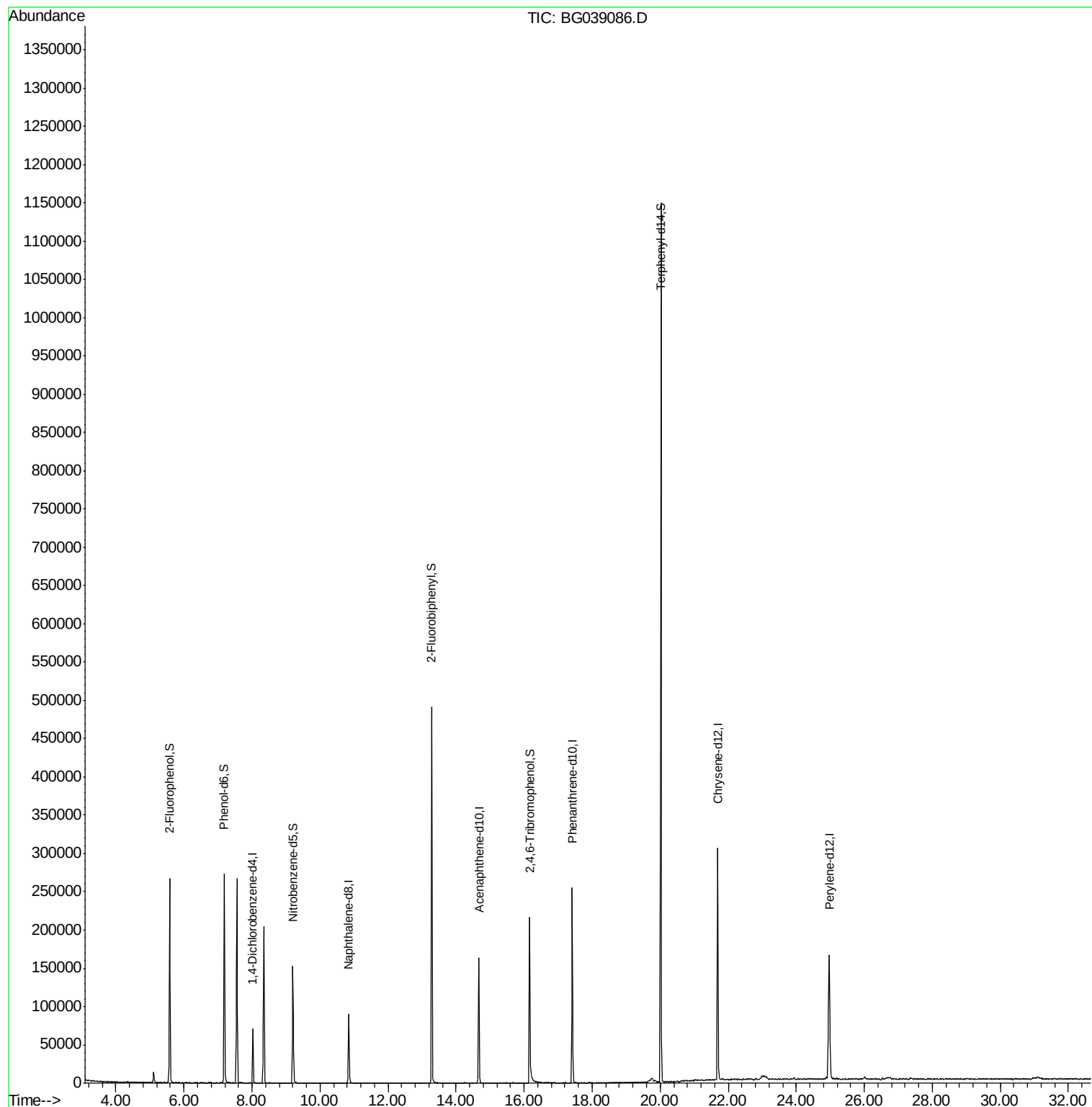
Target Compounds	Qvalue
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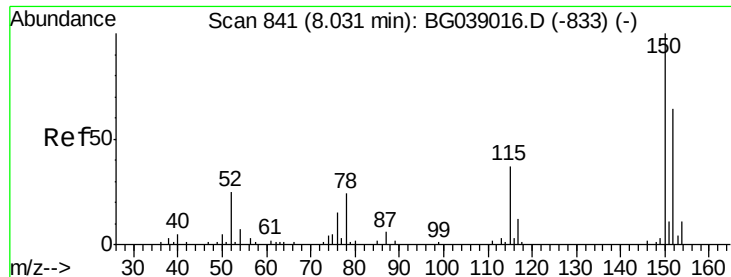
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG039086.D

Acq: 11 Jan 2019 13:35

Instrument :

BNA_G

ClientSampleId :

PB116318BL

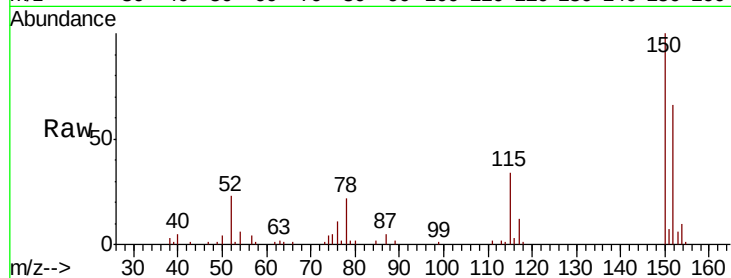
Tot Ion:152 Resp: 22593

Ion Ratio Lower Upper

152 100

150 152.5 124.7 187.1

115 51.6 46.5 69.7

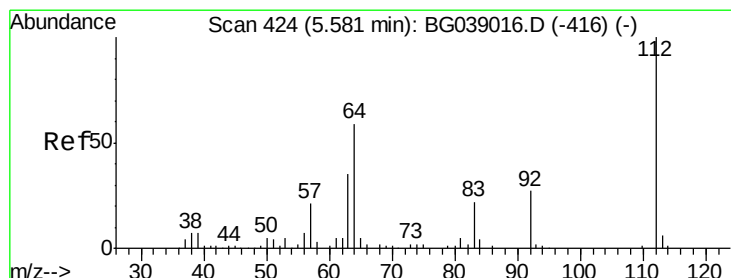
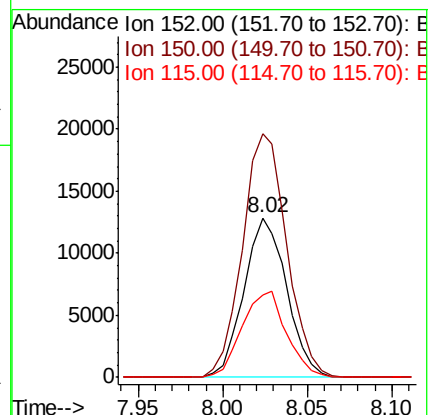
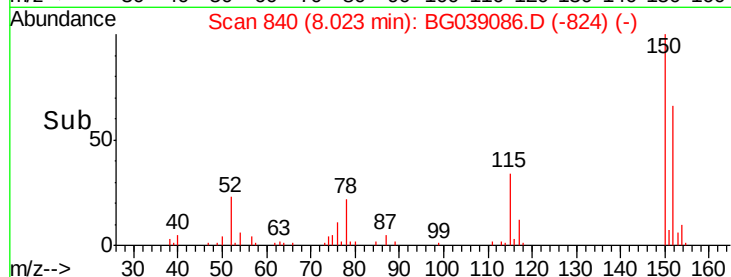


Abundance

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: 103.223 ng

RT: 5.58 min Scan# 424

Delta R.T. -0.00 min

Lab File: BG039086.D

Acq: 11 Jan 2019 13:35

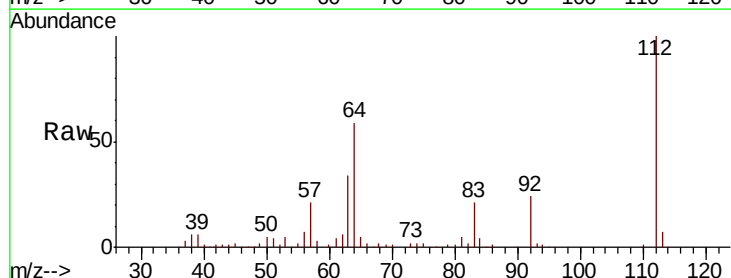
Tgt Ion:112 Resp: 122938

Ion Ratio Lower Upper

112 100

64 58.9 47.0 70.6

63 34.4 28.0 42.0

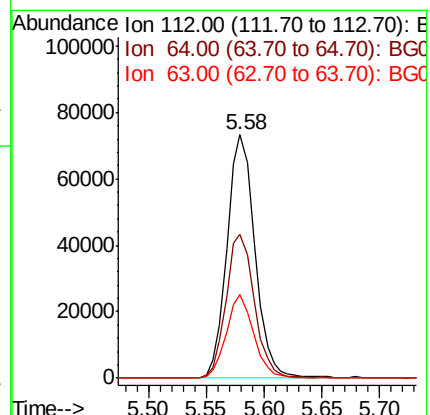
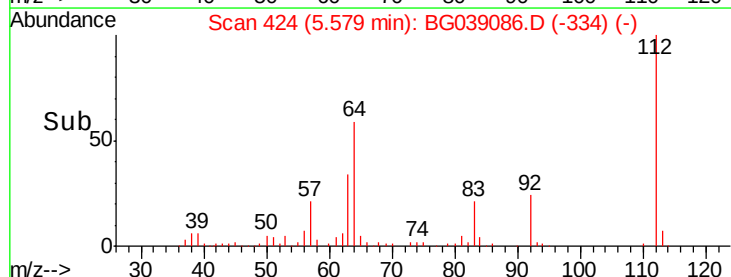


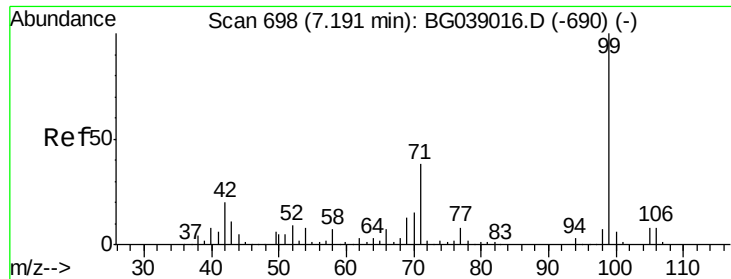
Abundance

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: 97.536 ng

RT: 7.18 min Scan# 697

Delta R.T. -0.01 min

Lab File: BG039086.D

Acq: 11 Jan 2019 13:35

Instrument :

BNA_G

ClientSampleId :

PB116318BL

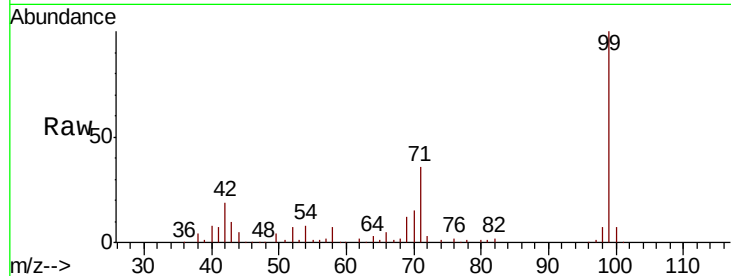
Tot Ion: 99 Resp: 167176

Ion Ratio Lower Upper

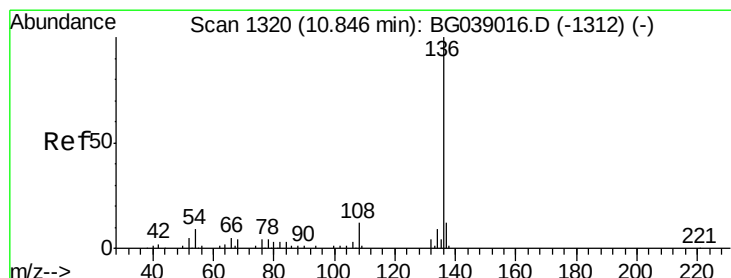
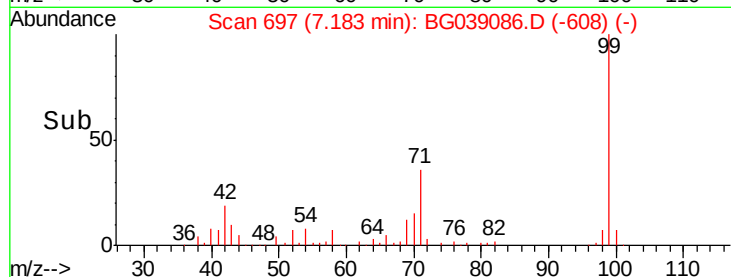
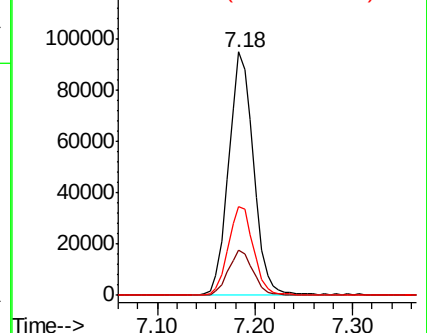
99 100

42 18.6 15.8 23.6

71 36.5 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.84 min Scan# 1320

Delta R.T. -0.00 min

Lab File: BG039086.D

Acq: 11 Jan 2019 13:35

Tgt Ion: 136 Resp: 87723

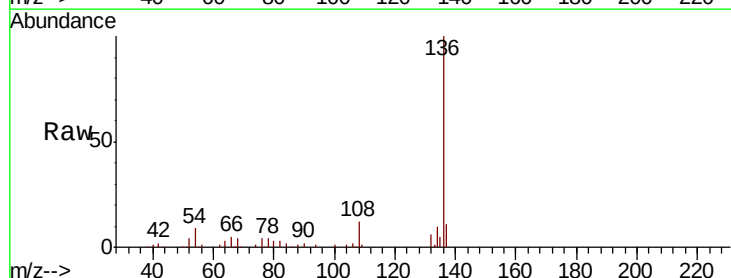
Ion Ratio Lower Upper

136 100

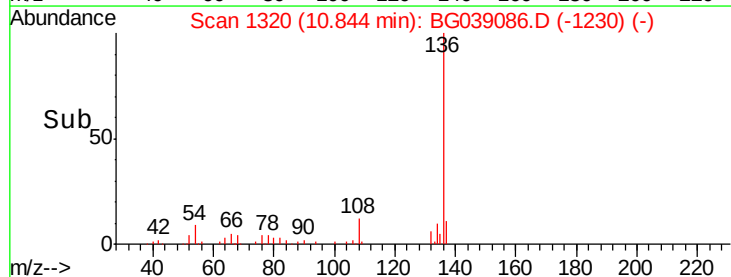
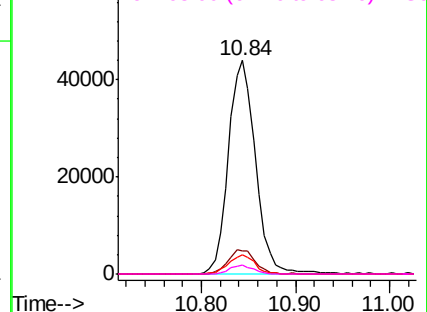
137 10.8 9.4 14.2

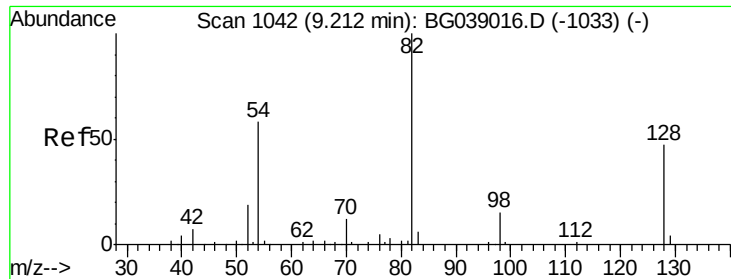
54 9.2 7.2 10.8

68 4.8 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

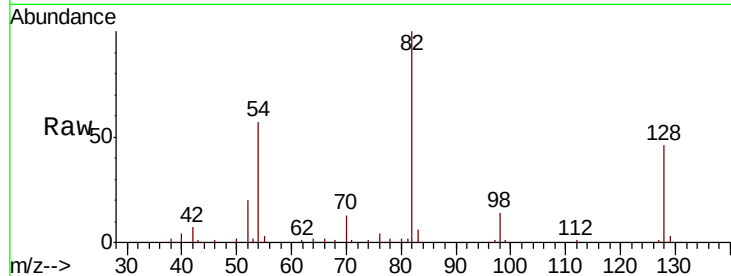




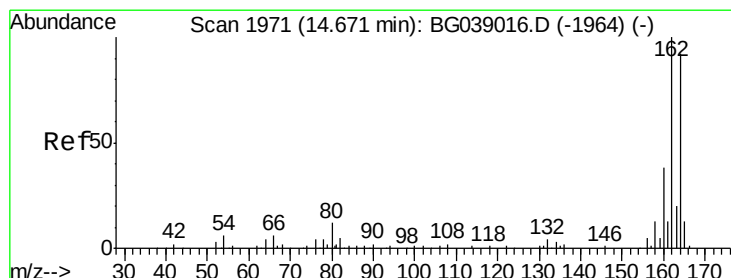
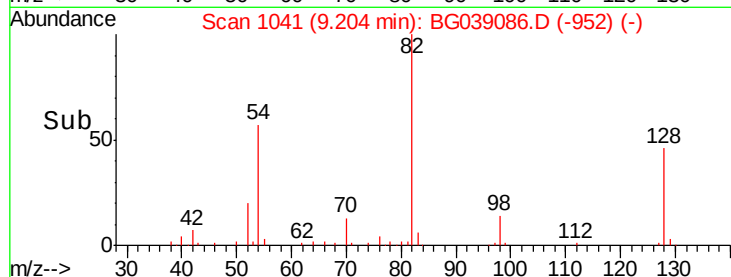
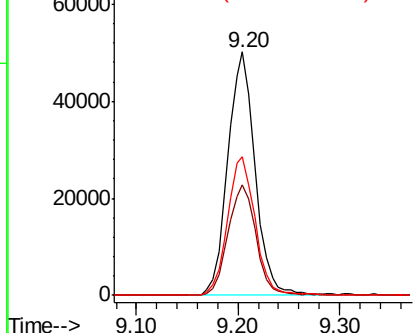
#23
 Nitrobenzene-d5
 Concen: 58.294 ng
 RT: 9.20 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BG039086.D
 Acq: 11 Jan 2019 13:35

Instrument :
 BNA_G
 ClientSampleId :
 PB116318BL

Tot Ion: 82 Resp: 93454
 Ion Ratio Lower Upper
 82 100
 128 45.6 37.3 55.9
 54 56.9 46.4 69.6

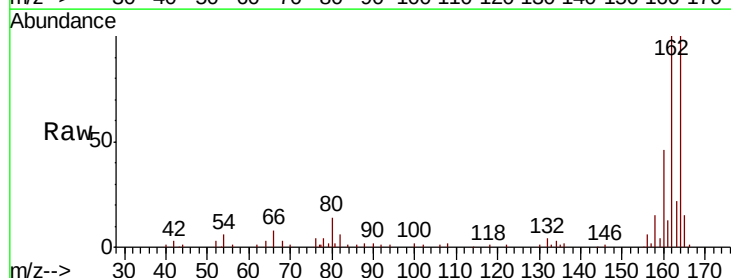


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

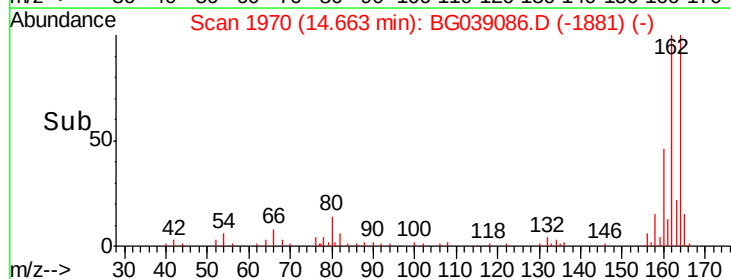
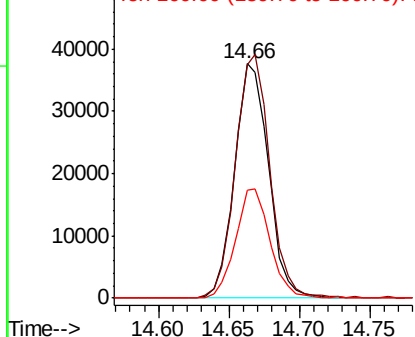


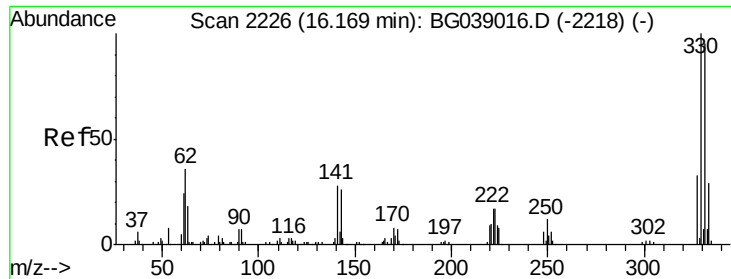
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.66 min Scan# 1970
 Delta R.T. -0.01 min
 Lab File: BG039086.D
 Acq: 11 Jan 2019 13:35

Tgt Ion: 164 Resp: 63116
 Ion Ratio Lower Upper
 164 100
 162 99.9 87.2 130.8
 160 46.4 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: 57.189 ng

RT: 16.16 min Scan# 2225

Delta R.T. -0.01 min

Lab File: BG039086.D

Acq: 11 Jan 2019 13:35

Instrument :

BNA_G

ClientSampleId :

PB116318BL

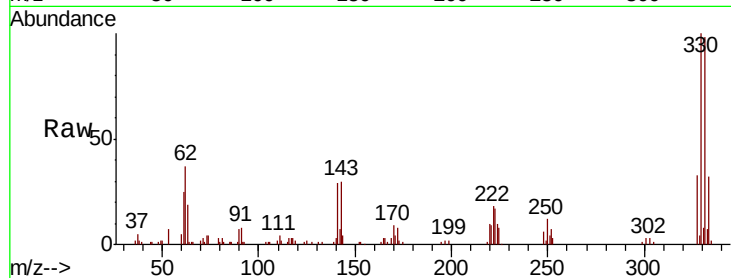
Tot Ion:330 Resp: 60506

Ion Ratio Lower Upper

330 100

332 97.6 75.7 113.5

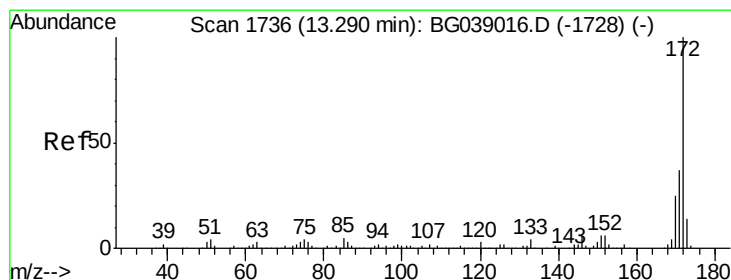
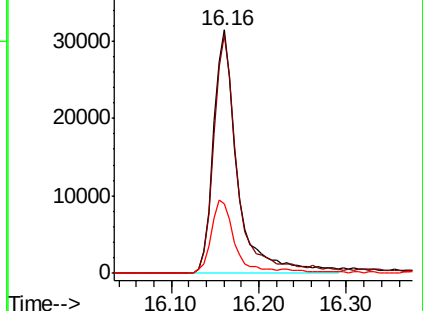
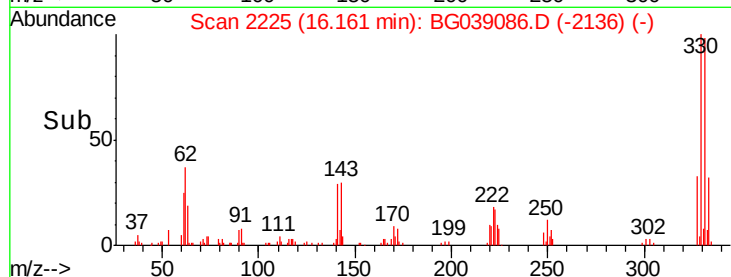
141 28.6 24.9 37.3



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: 61.174 ng

RT: 13.28 min Scan# 1735

Delta R.T. -0.01 min

Lab File: BG039086.D

Acq: 11 Jan 2019 13:35

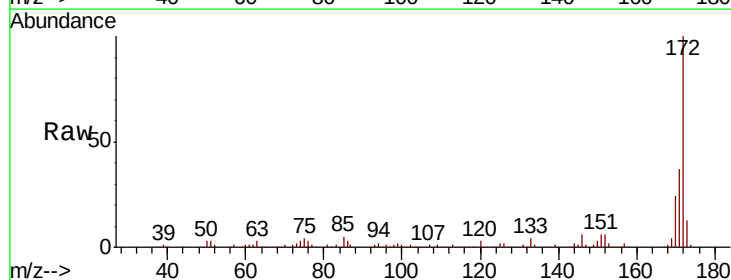
Tgt Ion:172 Resp: 282126

Ion Ratio Lower Upper

172 100

171 37.4 29.4 44.0

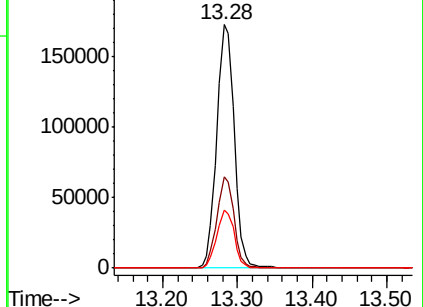
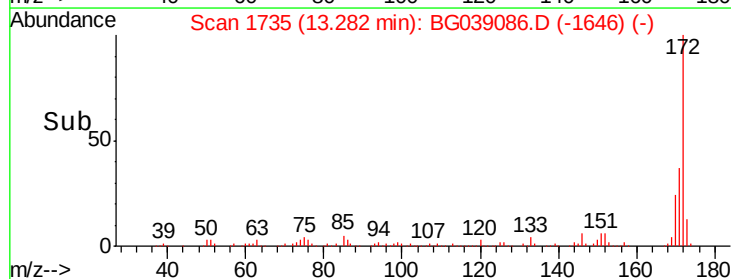
170 23.7 20.1 30.1

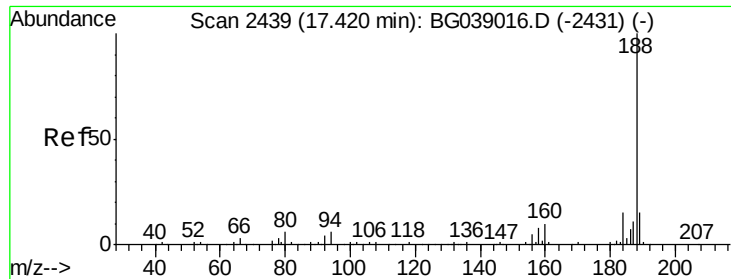


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.41 min Scan# 2438

Delta R.T. -0.01 min

Lab File: BG039086.D

Acq: 11 Jan 2019 13:35

Instrument :

BNA_G

ClientSampleId :

PB116318BL

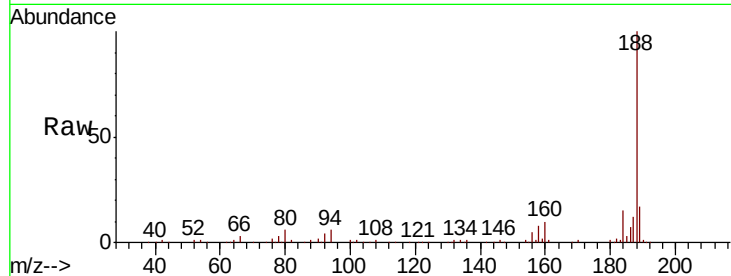
Tot Ion:188 Resp: 177287

Ion Ratio Lower Upper

188 100

94 6.0 5.0 7.4

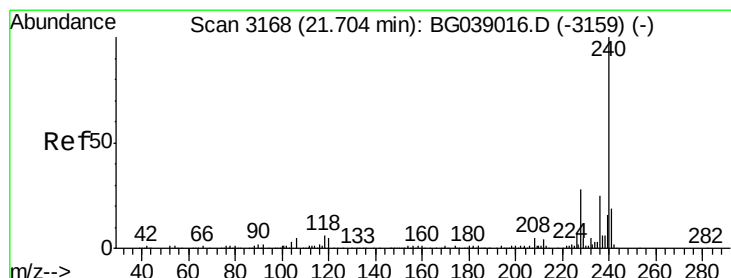
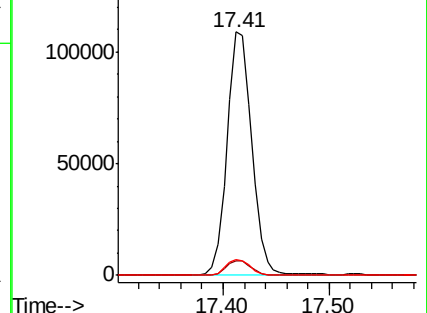
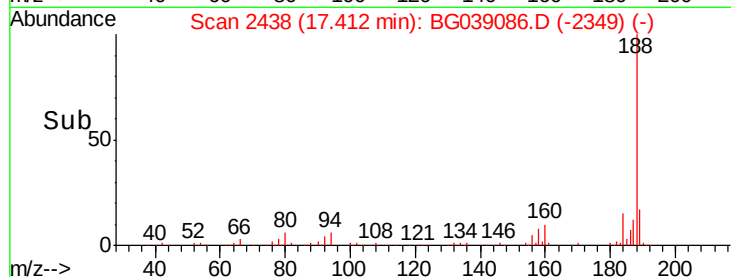
80 6.4 4.7 7.1



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: 21.69 min Scan# 3166

Delta R.T. -0.01 min

Lab File: BG039086.D

Acq: 11 Jan 2019 13:35

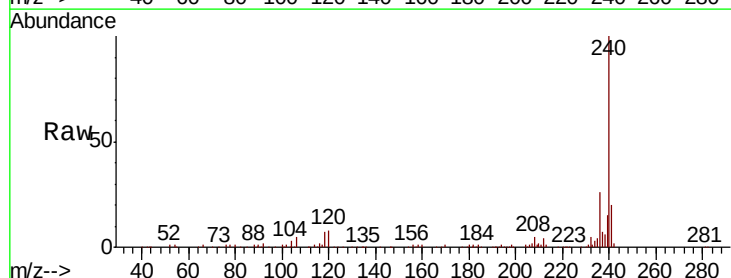
Tgt Ion:240 Resp: 196990

Ion Ratio Lower Upper

240 100

120 7.5 4.3 6.5#

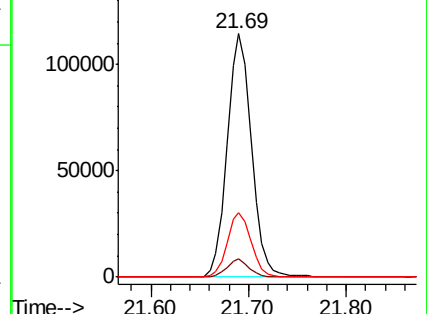
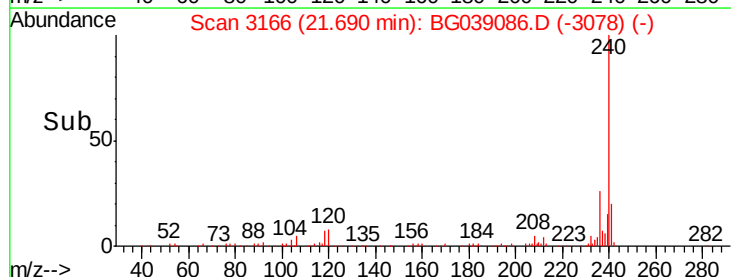
236 26.5 20.1 30.1

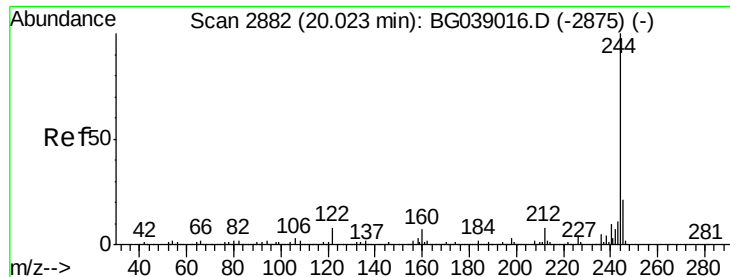


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 58.282 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.00 min

Lab File: BG039086.D

Acq: 11 Jan 2019 13:35

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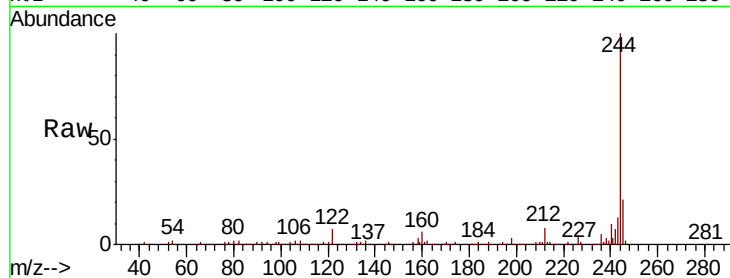
Tot Ion:244 Resp: 620626

Ion Ratio Lower Upper

244 100

212 7.6 6.1 9.1

122 6.9 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

600000

500000

400000

300000

200000

100000

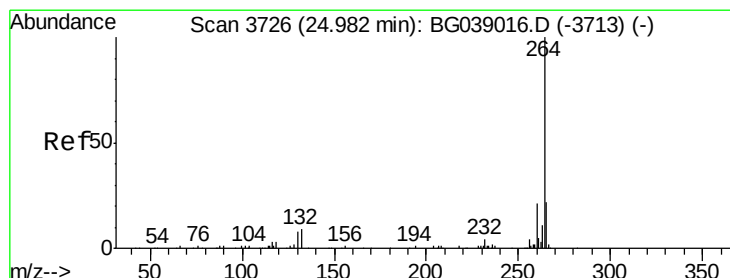
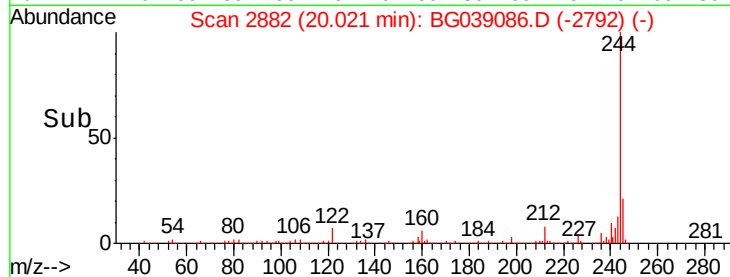
0

20.02

20.00

20.10

Time-->



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.97 min Scan# 3724

Delta R.T. -0.01 min

Lab File: BG039086.D

Acq: 11 Jan 2019 13:35

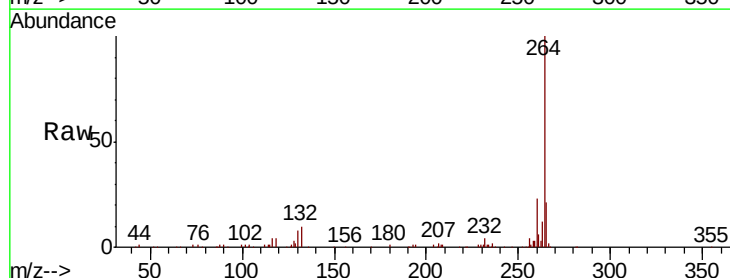
Tgt Ion:264 Resp: 206953

Ion Ratio Lower Upper

264 100

260 22.7 17.0 25.6

265 21.2 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

80000

60000

40000

20000

0

24.97

24.80

24.90

25.00

25.10

Time-->

