

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011519\
 Data File : BG039138.D
 Acq On : 15 Jan 2019 19:13
 Operator : JU/SJ
 Sample : K1128-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RBR-200036

Quant Time: Jan 16 01:17:20 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	7541	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	42723	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	46738	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	170959	20.00	ng	0.00
76) Chrysene-d12	21.69	240	213786	20.00	ng	-0.01
87) Perylene-d12	24.96	264	194864	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	66677	167.73	ng	0.00
7) Phenol-d6	7.18	99	97109	169.74	ng	0.00
23) Nitrobenzene-d5	9.20	82	65193	83.50	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	126344	161.26	ng	-0.01
45) 2-Fluorobiphenyl	13.28	172	260352	76.24	ng	0.00
79) Terphenyl-d14	20.02	244	1052713	91.09	ng	0.00

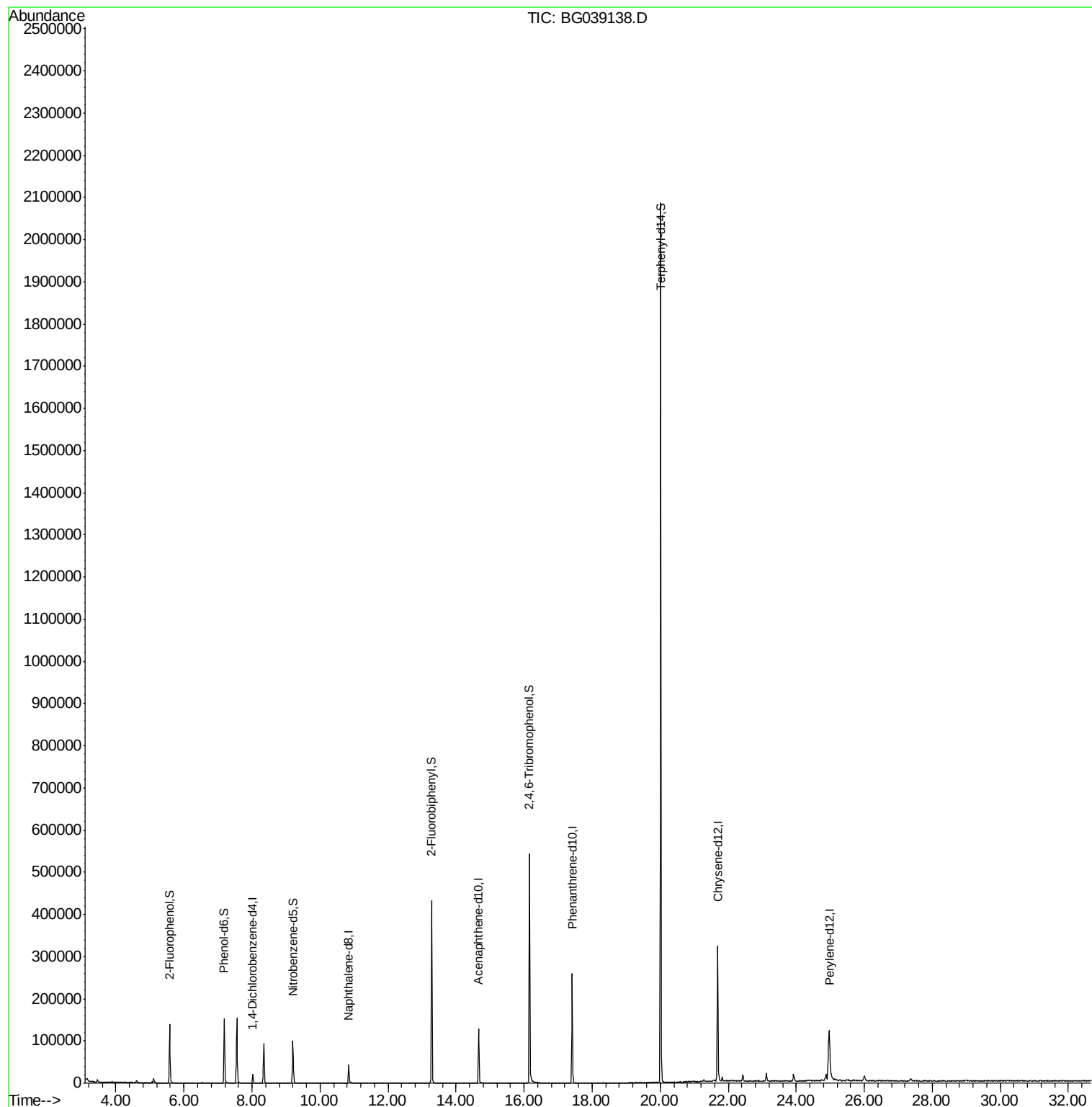
Target Compounds Qvalue

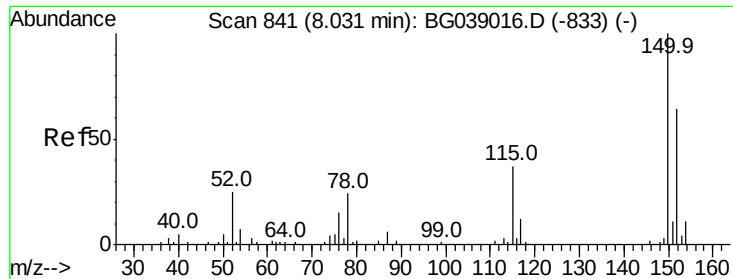
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG039138.D

Acq: 15 Jan 2019 19:13

Instrument :

BNA_G

ClientSampleId :

RBR-200036

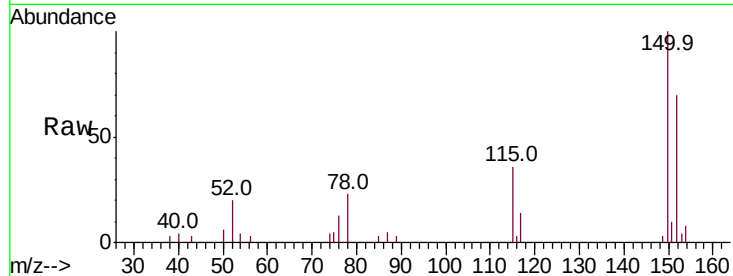
Tot Ion:152 Resp: 7541

Ion Ratio Lower Upper

152 100

150 142.8 124.7 187.1

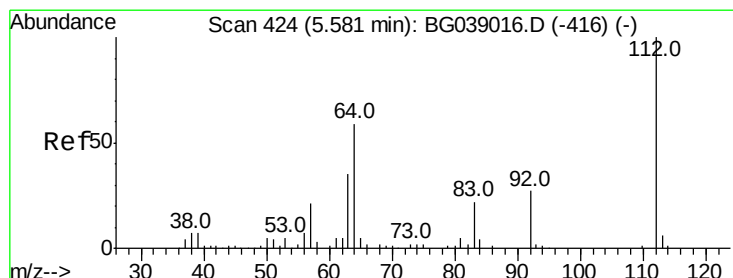
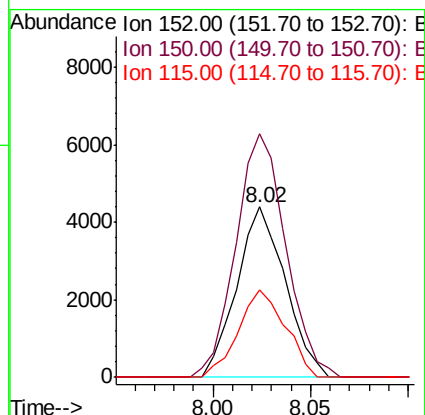
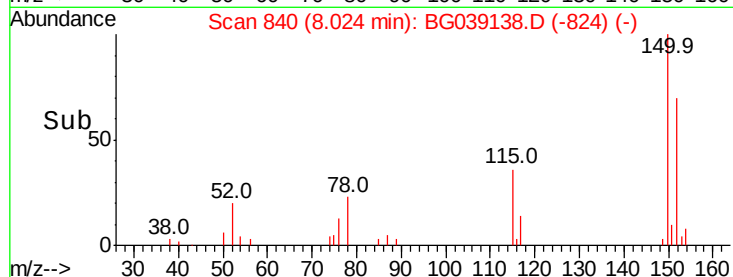
115 51.3 46.5 69.7



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: 167.730 ng

RT: 5.58 min Scan# 424

Delta R.T. -0.00 min

Lab File: BG039138.D

Acq: 15 Jan 2019 19:13

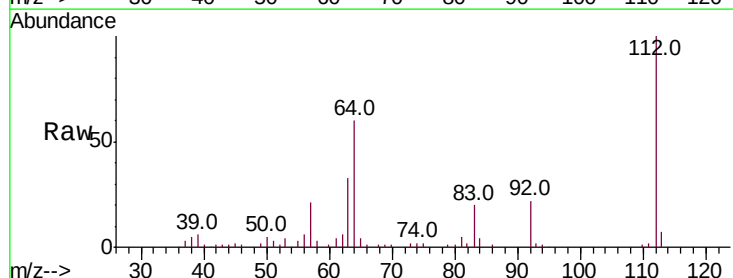
Tgt Ion:112 Resp: 66677

Ion Ratio Lower Upper

112 100

64 59.8 47.0 70.6

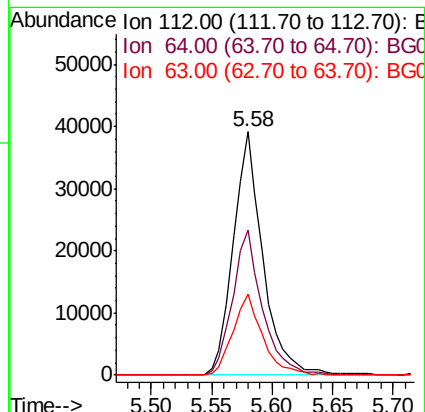
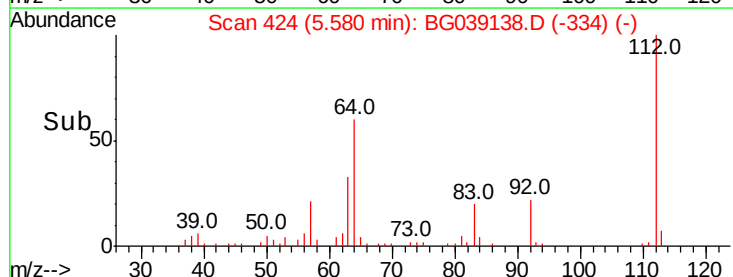
63 33.3 28.0 42.0

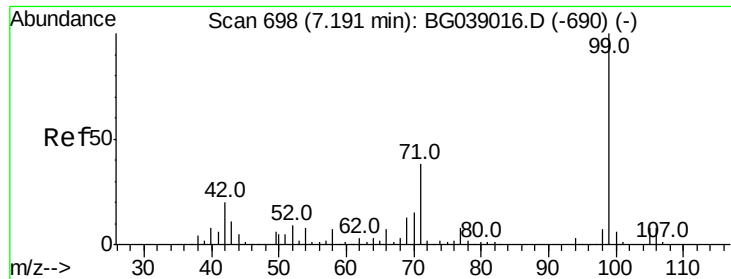


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 169.744 ng

RT: 7.18 min Scan# 697

Delta R.T. -0.01 min

Lab File: BG039138.D

Acq: 15 Jan 2019 19:13

Instrument :

BNA_G

ClientSampleId :

RBR-200036

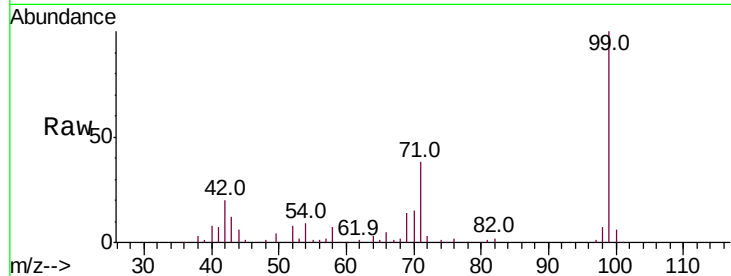
Tot Ion: 99 Resp: 97109

Ion Ratio Lower Upper

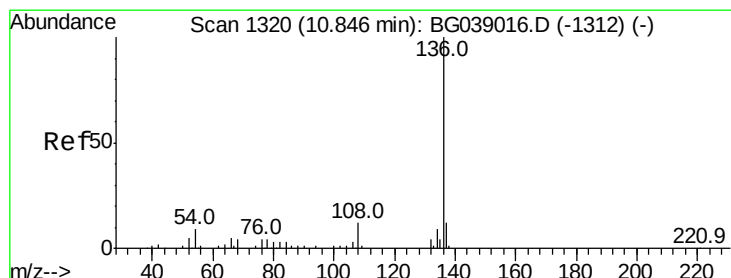
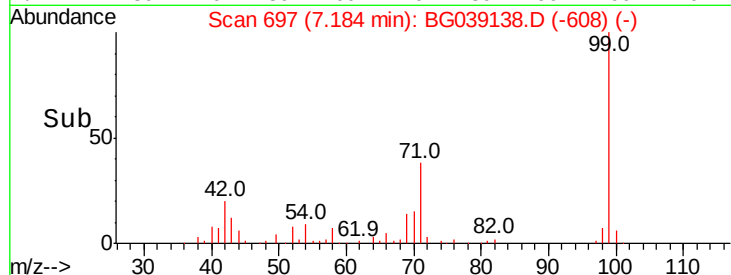
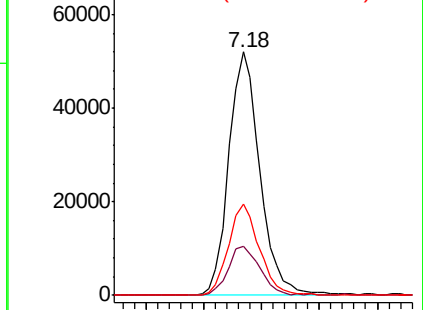
99 100

42 20.3 15.8 23.6

71 37.6 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: BG039138.D

Acq: 15 Jan 2019 19:13

Tgt Ion:136 Resp: 42723

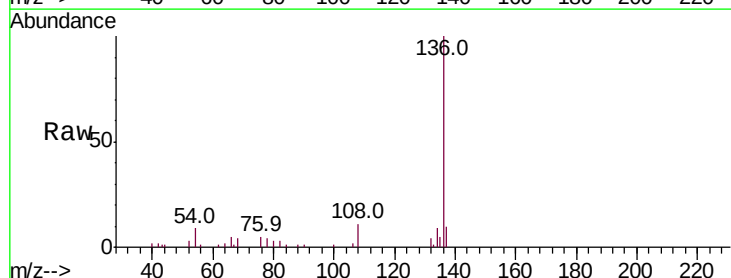
Ion Ratio Lower Upper

136 100

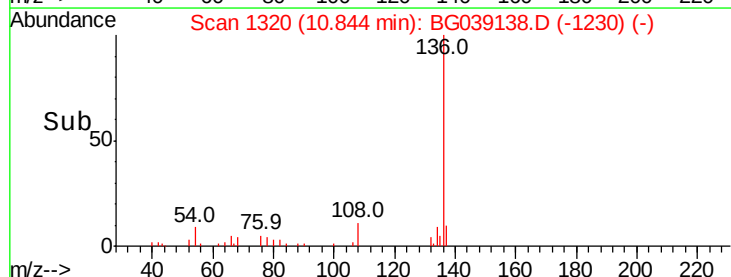
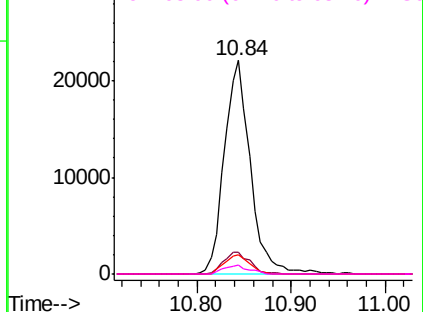
137 10.2 9.4 14.2

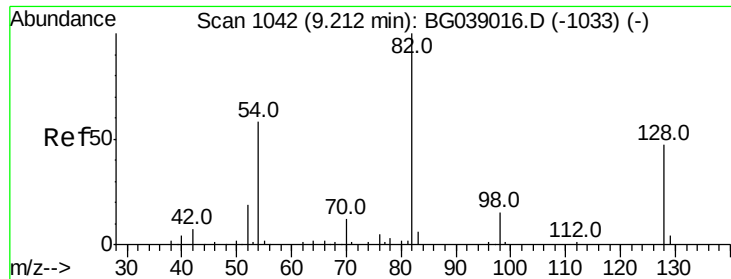
54 9.1 7.2 10.8

68 4.1 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

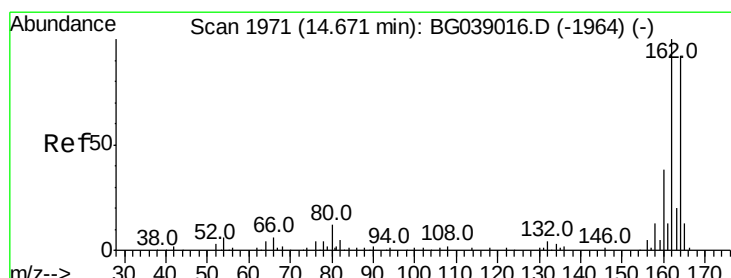
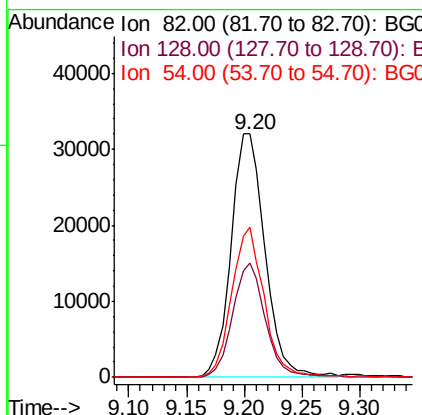
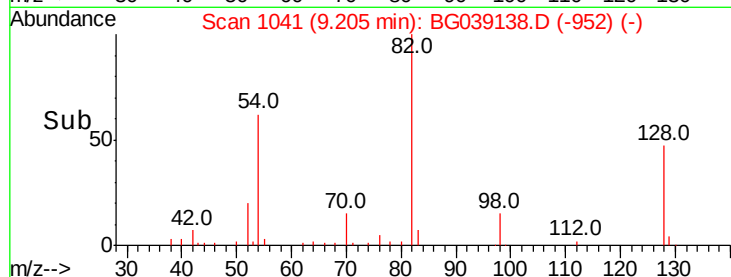
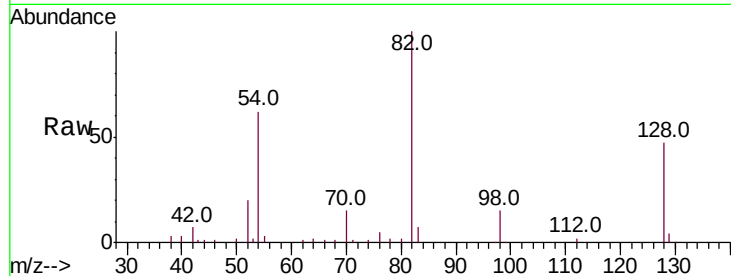




#23
 Nitrobenzene-d5
 Concen: 83.499 ng
 RT: 9.20 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BG039138.D
 Acq: 15 Jan 2019 19:13

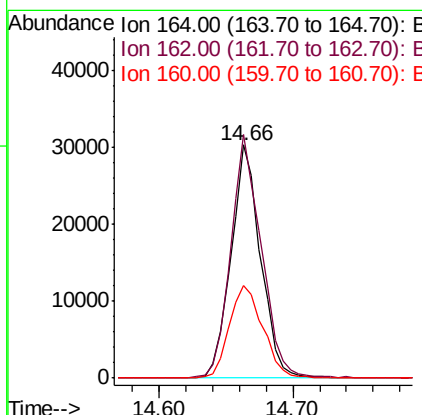
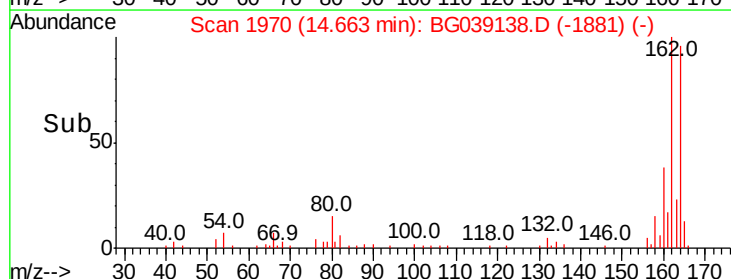
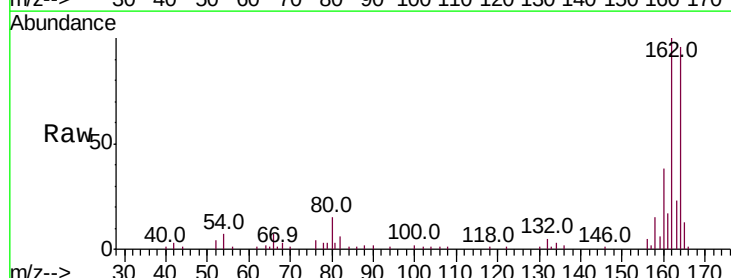
Instrument :
 BNA_G
 ClientSampleId :
 RBR-200036

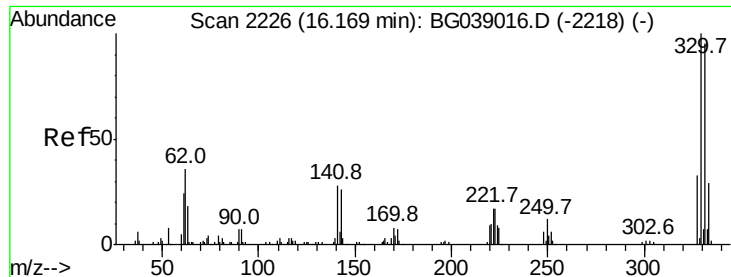
Tot Ion	82	Resp	65193
Ion Ratio	100	Lower	Upper
128	47.1	37.3	55.9
54	61.8	46.4	69.6



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.66 min Scan# 1970
 Delta R.T. -0.01 min
 Lab File: BG039138.D
 Acq: 15 Jan 2019 19:13

Tgt Ion	164	Resp	46738
Ion Ratio	100	Lower	Upper
162	104.5	87.2	130.8
160	39.9	33.3	49.9





#42

2,4,6-Tribromophenol

Concen: 161.265 ng

RT: 16.16 min Scan# 2224

Delta R.T. -0.01 min

Lab File: BG039138.D

Acq: 15 Jan 2019 19:13

Instrument :

BNA_G

ClientSampleId :

RBR-200036

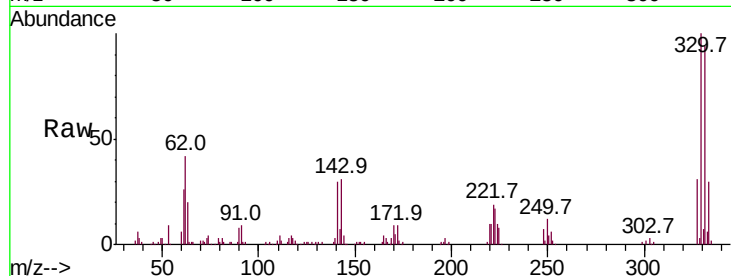
Tot Ion:330 Resp: 126344

Ion Ratio Lower Upper

330 100

332 96.2 75.7 113.5

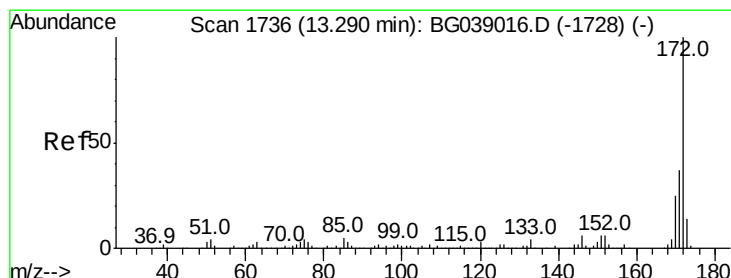
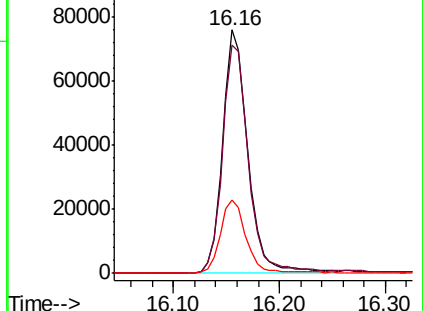
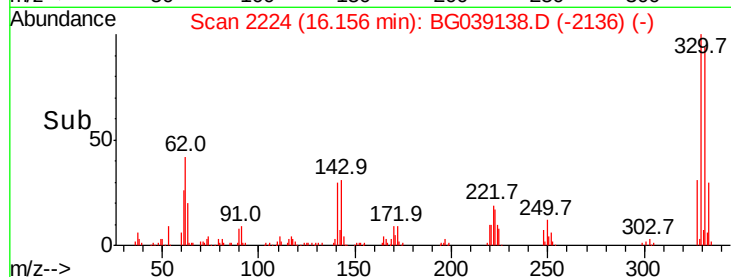
141 31.1 24.9 37.3



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: 76.235 ng

RT: 13.28 min Scan# 1735

Delta R.T. -0.01 min

Lab File: BG039138.D

Acq: 15 Jan 2019 19:13

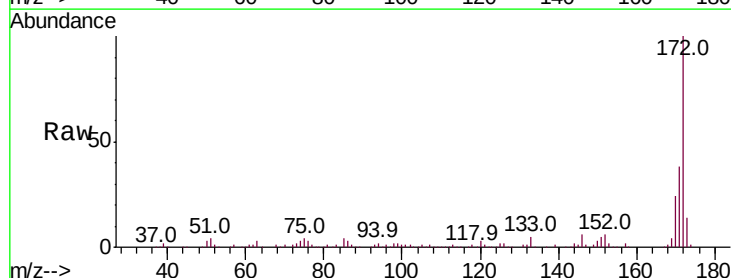
Tgt Ion:172 Resp: 260352

Ion Ratio Lower Upper

172 100

171 38.2 29.4 44.0

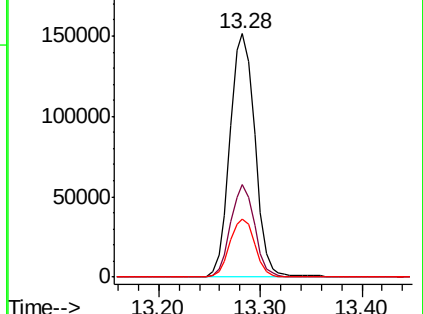
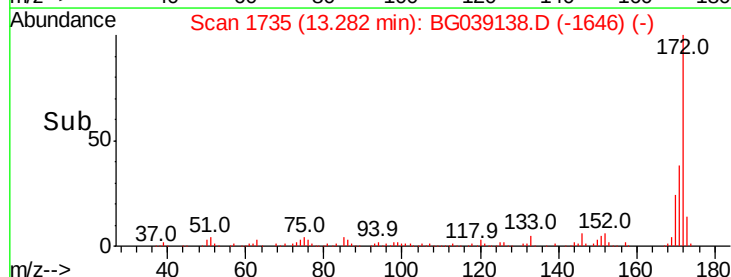
170 23.7 20.1 30.1

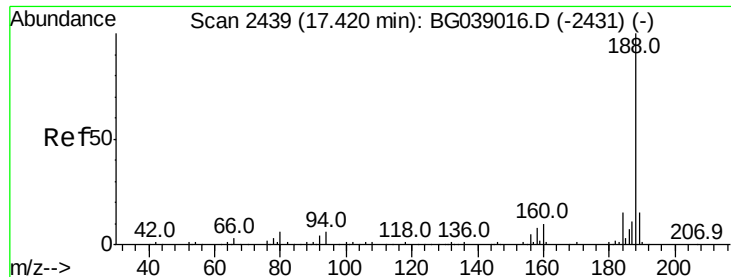


Abundance Ion 172.00 (171.70 to 172.70): E

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: BG039138.D

Acq: 15 Jan 2019 19:13

Instrument :

BNA_G

ClientSampleId :

RBR-200036

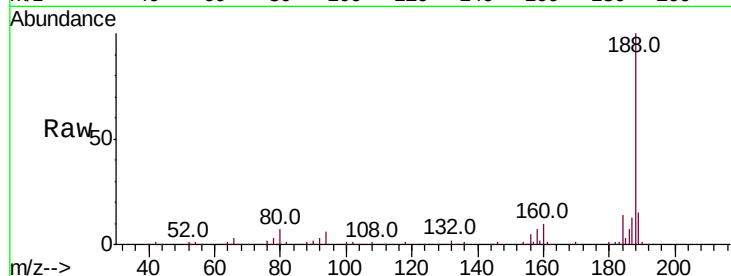
Tot Ion:188 Resp: 170959

Ion Ratio Lower Upper

188 100

94 5.9 5.0 7.4

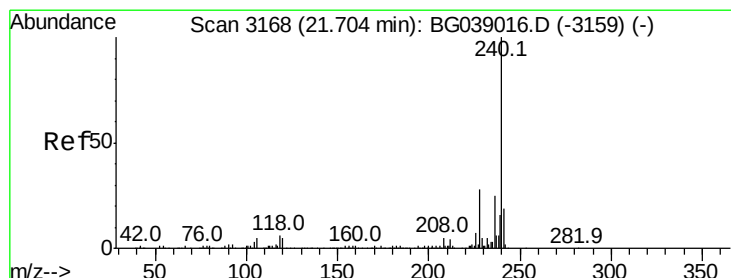
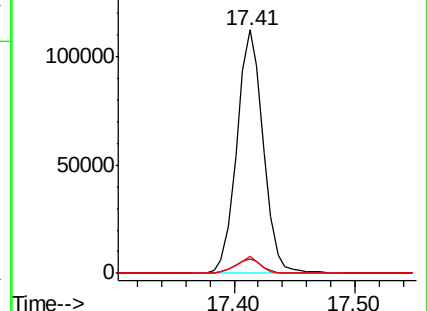
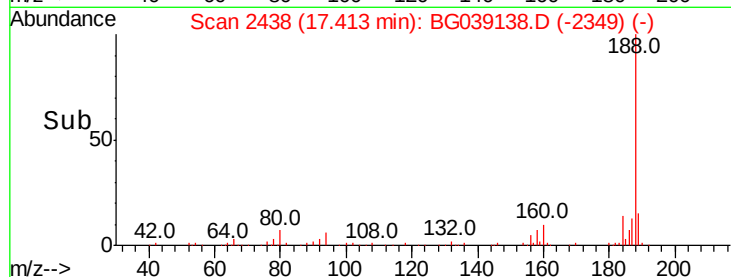
80 6.9 4.7 7.1



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: BG039138.D

Acq: 15 Jan 2019 19:13

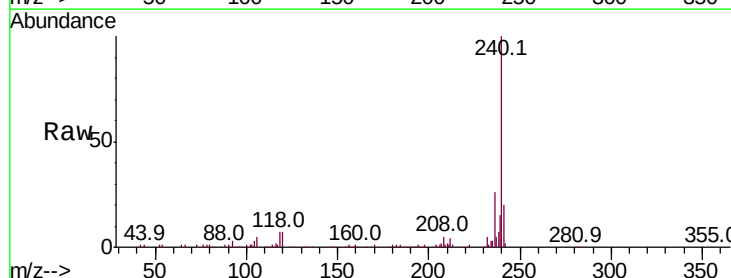
Tgt Ion:240 Resp: 213786

Ion Ratio Lower Upper

240 100

120 7.3 4.3 6.5#

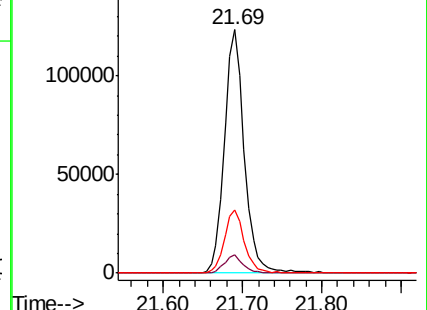
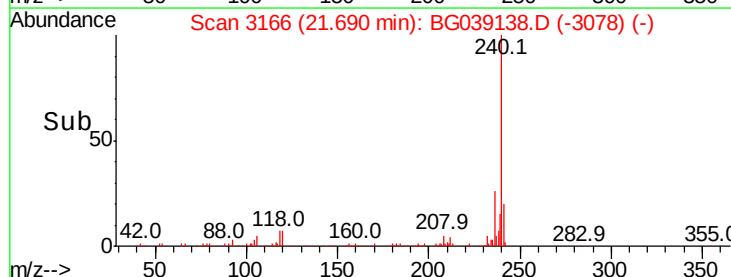
236 25.8 20.1 30.1

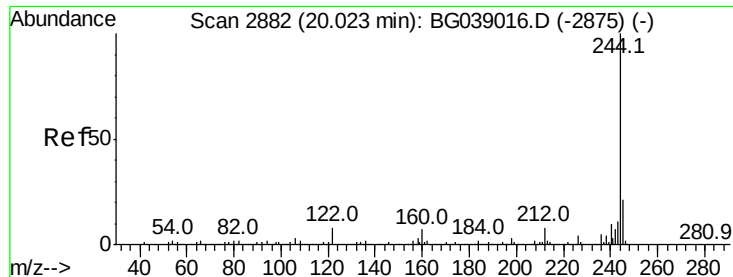


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 91.091 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.00 min

Lab File: BG039138.D

Acq: 15 Jan 2019 19:13

Instrument :

BNA_G

ClientSampleId :

RBR-200036

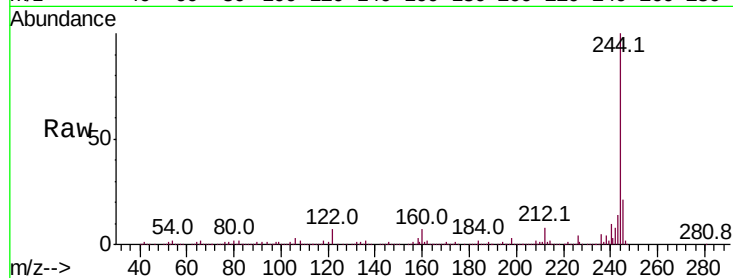
Tot Ion:244 Resp: 1052713

Ion Ratio Lower Upper

244 100

212 7.8 6.1 9.1

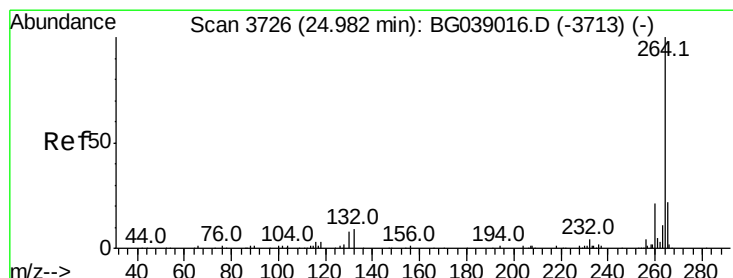
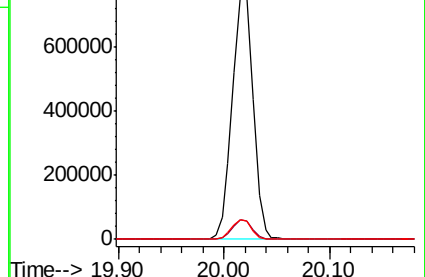
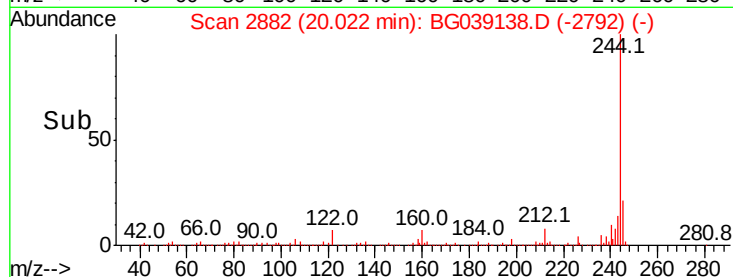
122 7.4 6.1 9.1



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: 24.96 min Scan# 3723

Delta R.T. -0.02 min

Lab File: BG039138.D

Acq: 15 Jan 2019 19:13

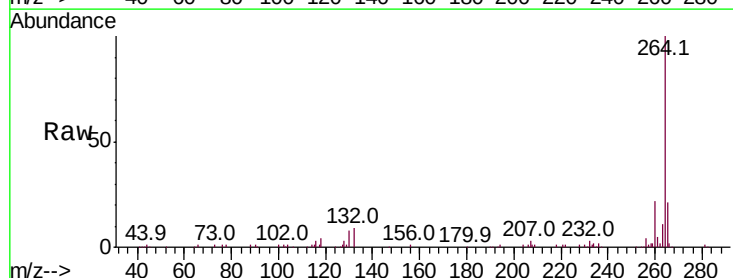
Tgt Ion:264 Resp: 194864

Ion Ratio Lower Upper

264 100

260 22.5 17.0 25.6

265 21.5 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

