

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011519\
 Data File : BG039137.D
 Acq On : 15 Jan 2019 18:34
 Operator : JU/SJ
 Sample : K1128-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RBR-200053

Quant Time: Jan 16 01:16:23 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	4266	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	25161	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	39141	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	151217	20.00	ng	0.00
76) Chrysene-d12	21.69	240	202045	20.00	ng	-0.01
87) Perylene-d12	24.97	264	174883	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	37400	166.31	ng	0.00
7) Phenol-d6	7.18	99	50236	155.22	ng	0.00
23) Nitrobenzene-d5	9.20	82	45265	98.44	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	98436	150.03	ng	-0.01
45) 2-Fluorobiphenyl	13.28	172	145800	50.98	ng	0.00
79) Terphenyl-d14	20.02	244	926863	84.86	ng	0.00

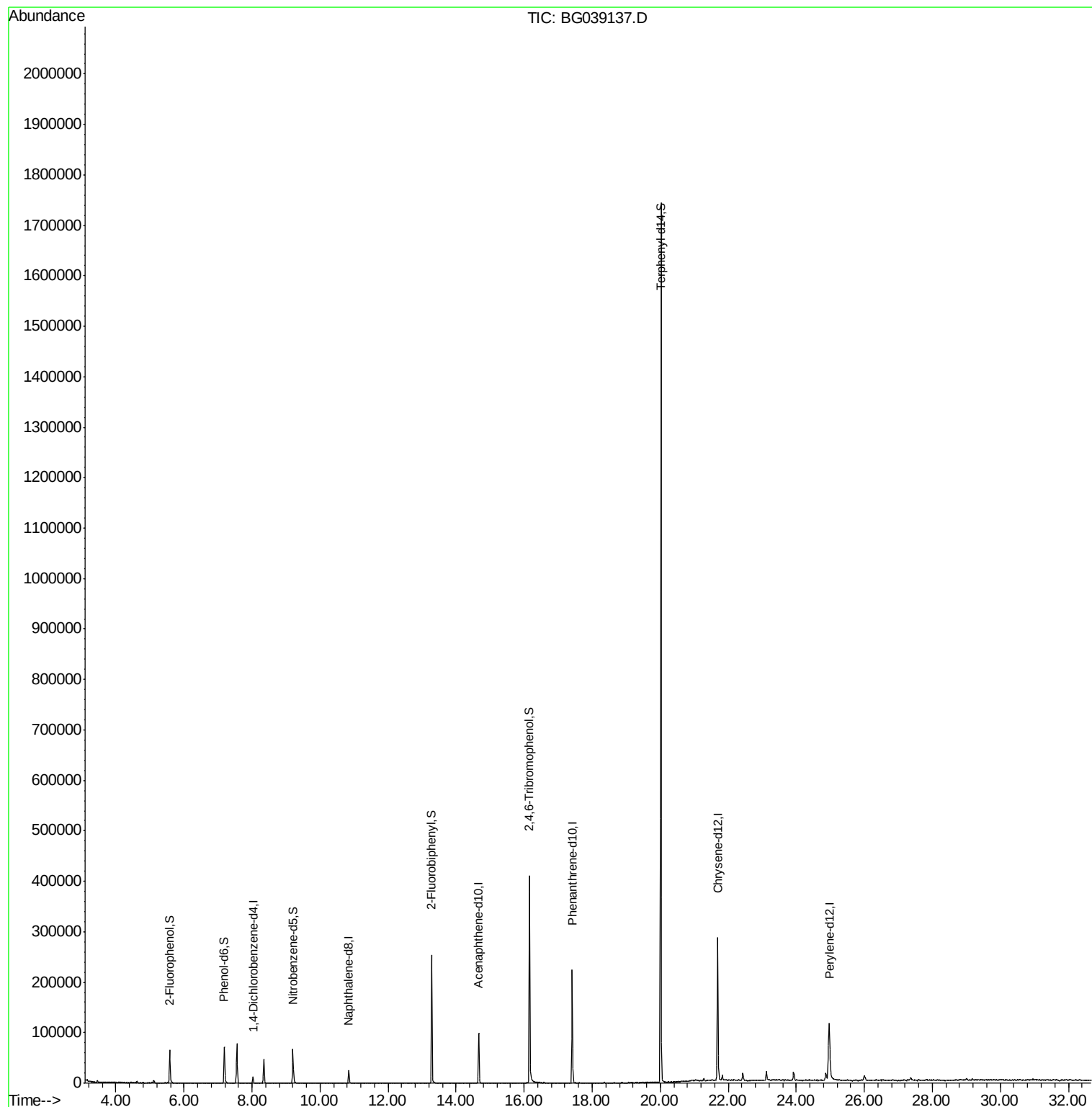
Target Compounds Qvalue

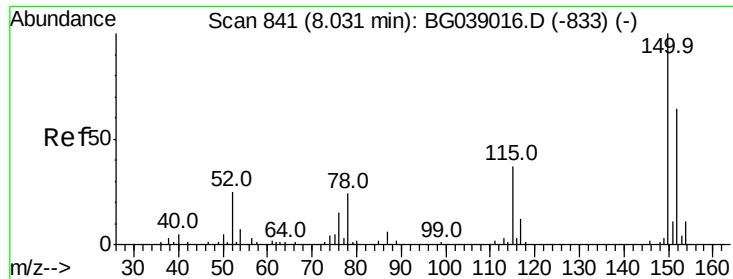
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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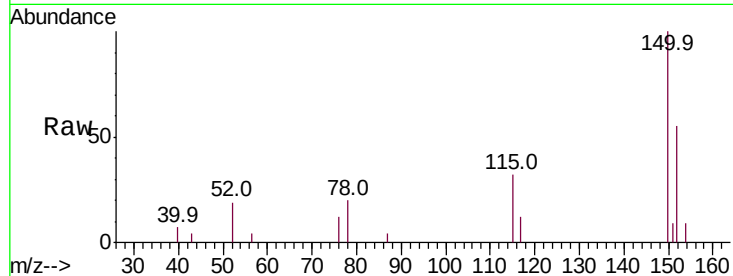


#1

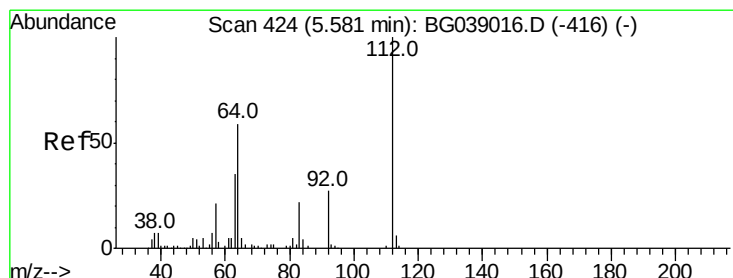
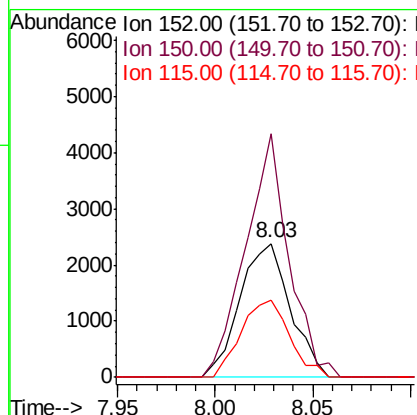
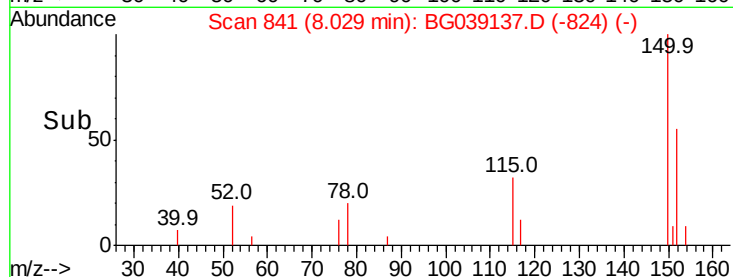
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.00 min
Lab File: BG039137.D
Acq: 15 Jan 2019 18:34

Instrument :
BNA_G
ClientSampleId :
RBR-200053

Tot Ion:152 Resp: 4266
Ion Ratio Lower Upper
152 100
150 181.5 124.7 187.1
115 57.5 46.5 69.7



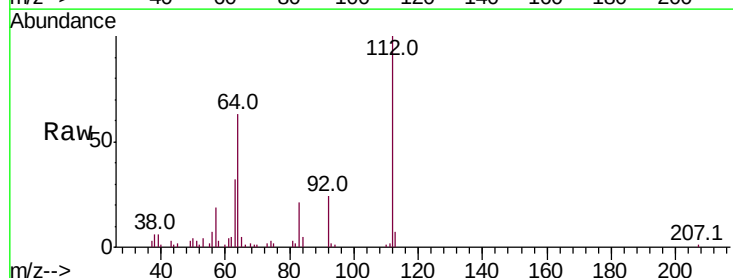
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



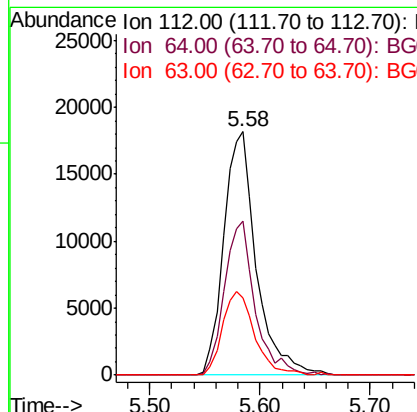
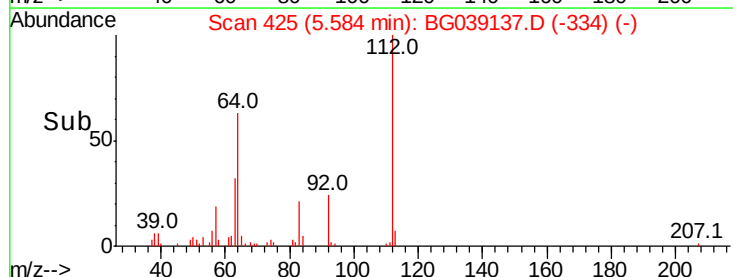
#5

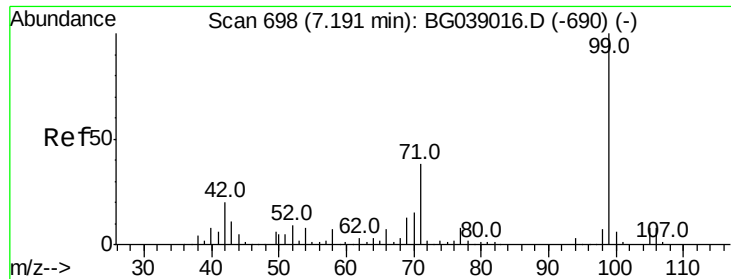
2-Fluorophenol
Concen: 166.308 ng
RT: 5.58 min Scan# 425
Delta R.T. 0.00 min
Lab File: BG039137.D
Acq: 15 Jan 2019 18:34

Tgt Ion:112 Resp: 37400
Ion Ratio Lower Upper
112 100
64 63.1 47.0 70.6
63 31.9 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: 155.223 ng

RT: 7.18 min Scan# 697

Delta R.T. -0.01 min

Lab File: BG039137.D

Acq: 15 Jan 2019 18:34

Instrument :

BNA_G

ClientSampleId :

RBR-200053

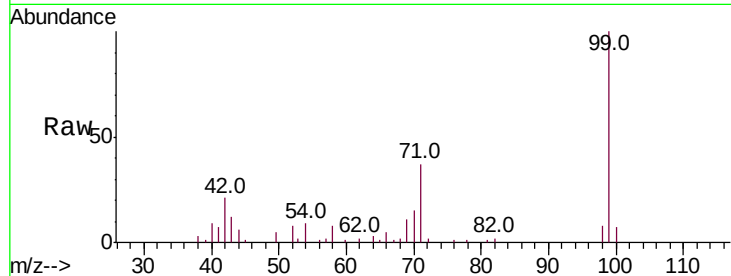
Tot Ion: 99 Resp: 50236

Ion Ratio Lower Upper

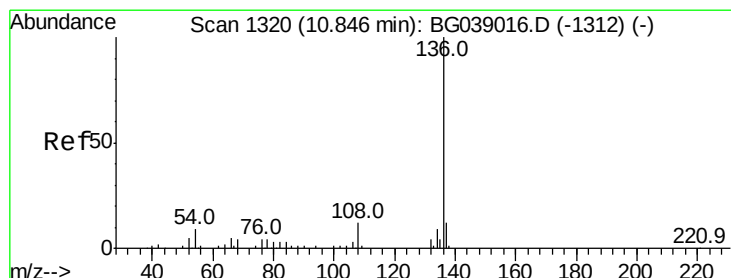
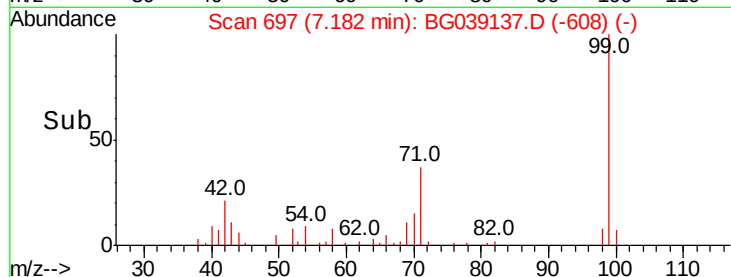
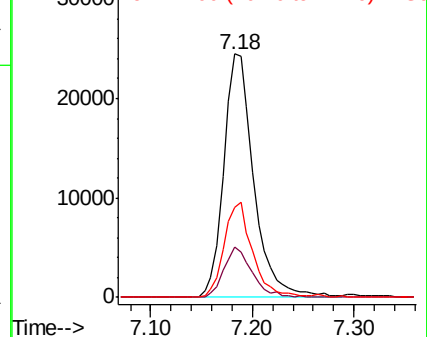
99 100

42 20.5 15.8 23.6

71 36.7 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: BG039137.D

Acq: 15 Jan 2019 18:34

Tgt Ion: 136 Resp: 25161

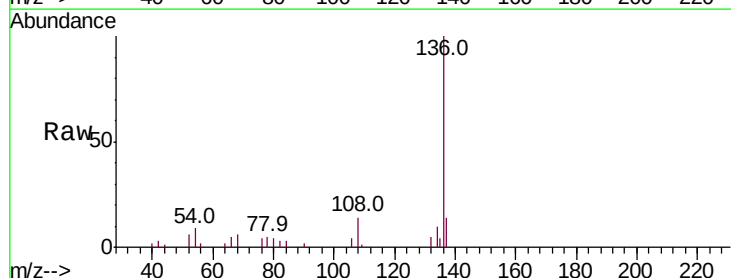
Ion Ratio Lower Upper

136 100

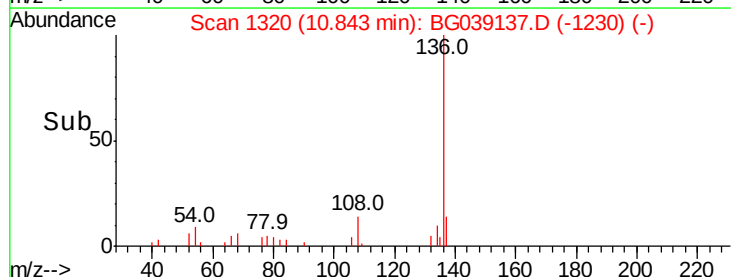
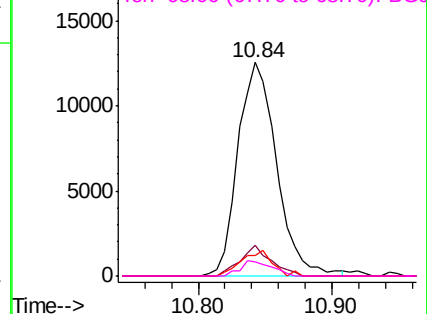
137 14.3 9.4 14.2#

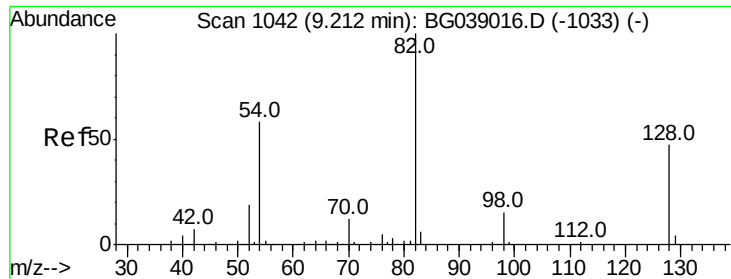
54 9.4 7.2 10.8

68 6.3 3.5 5.3#



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

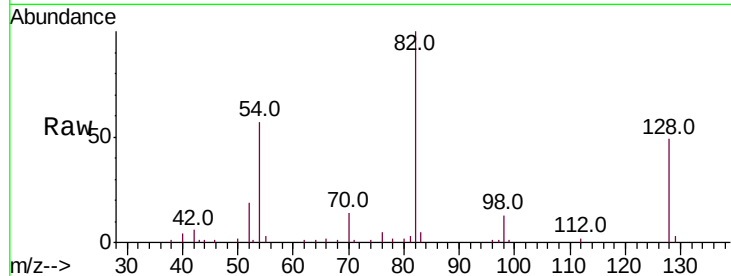




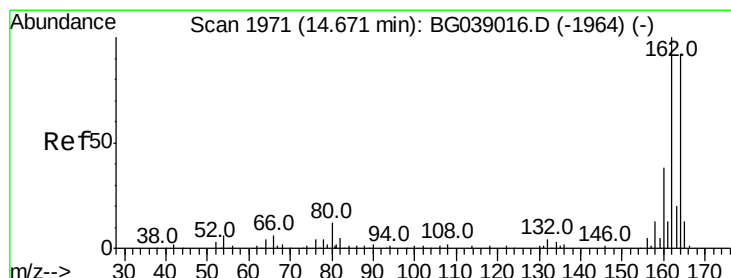
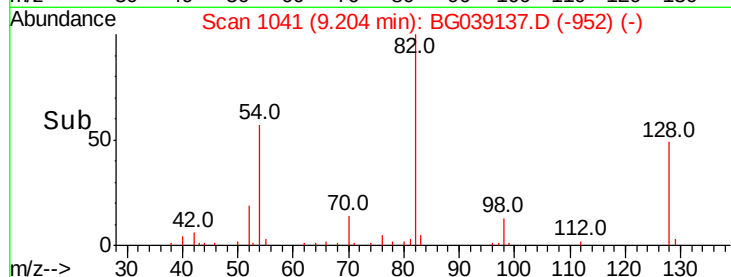
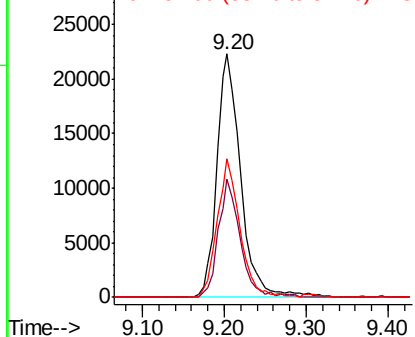
#23
 Nitrobenzene-d5
 Concen: 98.441 ng
 RT: 9.20 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BG039137.D
 Acq: 15 Jan 2019 18:34

Instrument :
 BNA_G
 ClientSampleId :
 RBR-200053

Tot Ion: 82 Resp: 45265
 Ion Ratio Lower Upper
 82 100
 128 48.8 37.3 55.9
 54 57.0 46.4 69.6

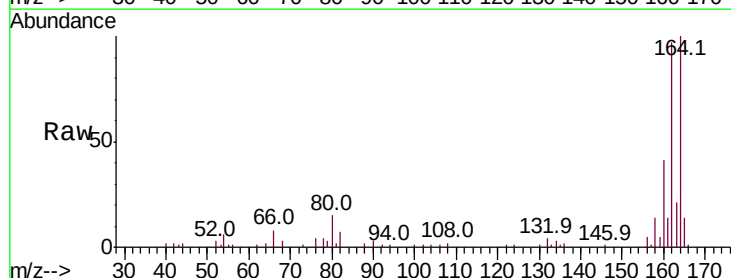


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

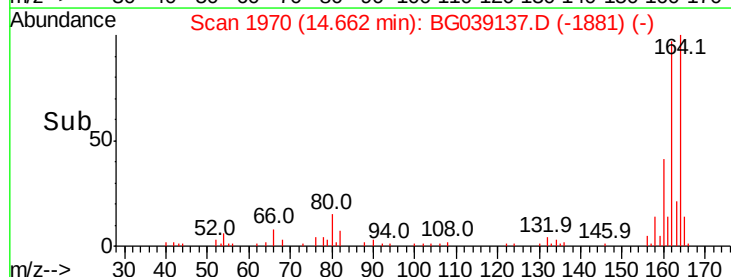
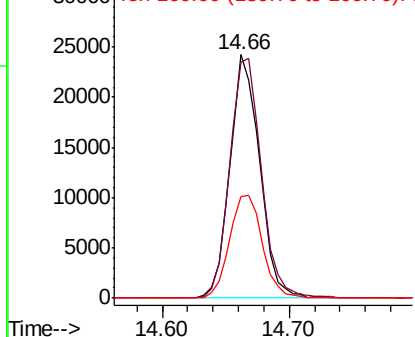


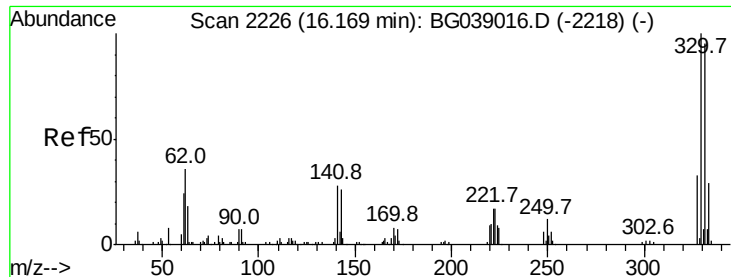
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.66 min Scan# 1970
 Delta R.T. -0.01 min
 Lab File: BG039137.D
 Acq: 15 Jan 2019 18:34

Tgt Ion: 164 Resp: 39141
 Ion Ratio Lower Upper
 164 100
 162 97.1 87.2 130.8
 160 41.5 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

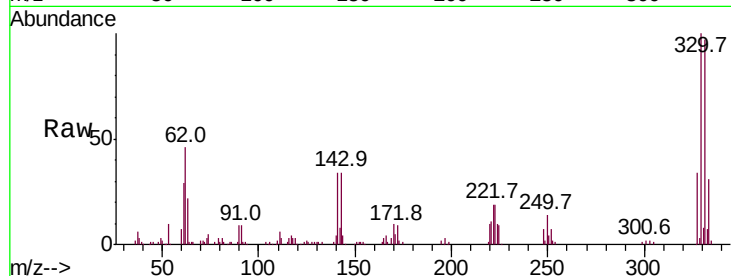




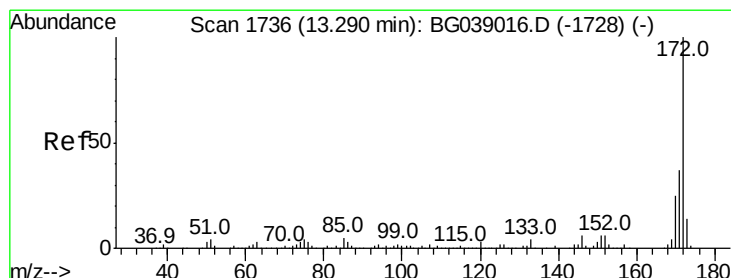
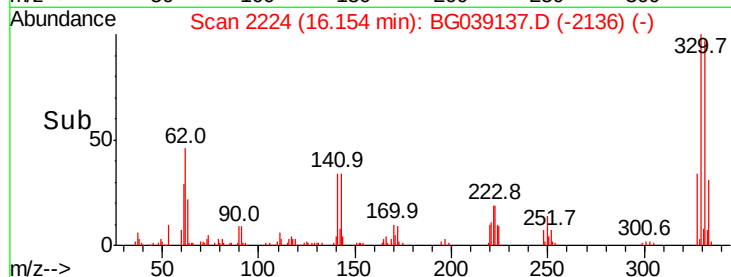
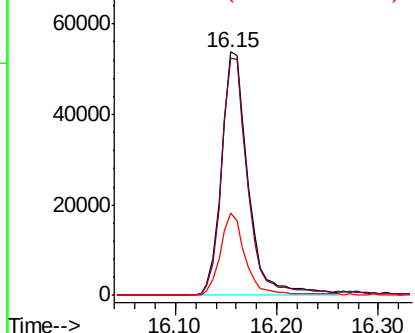
#42
 2,4,6-Tribromophenol
 Concen: 150.029 ng
 RT: 16.15 min Scan# 2224
 Delta R.T. -0.01 min
 Lab File: BG039137.D
 Acq: 15 Jan 2019 18:34

Instrument :
 BNA_G
 ClientSampleId :
 RBR-200053

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	75.7	113.5
141	32.6	24.9	37.3

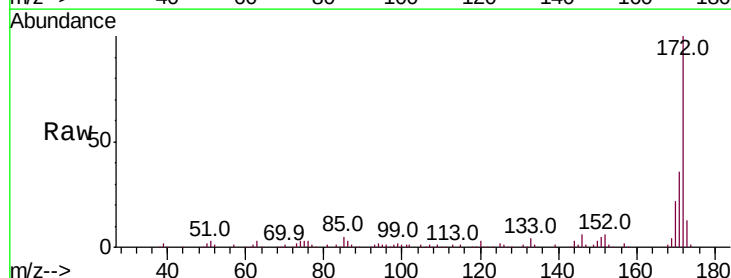


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

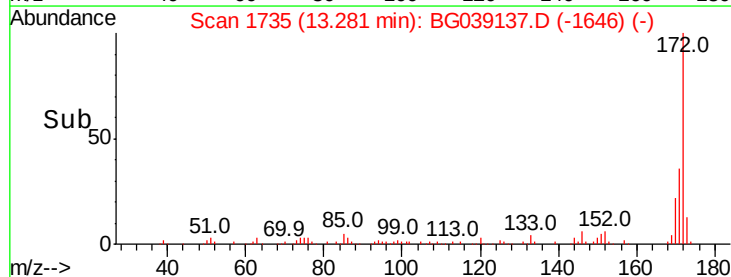
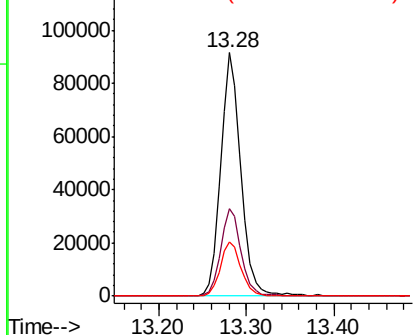


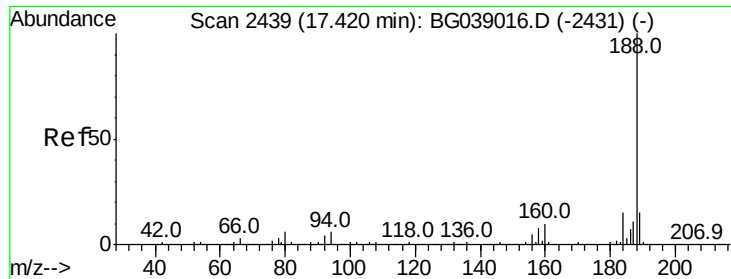
#45
 2-Fluorobiphenyl
 Concen: 50.979 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. -0.01 min
 Lab File: BG039137.D
 Acq: 15 Jan 2019 18:34

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.4	44.0
170	22.2	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: BG039137.D

Acq: 15 Jan 2019 18:34

Instrument :

BNA_G

ClientSampleId :

RBR-200053

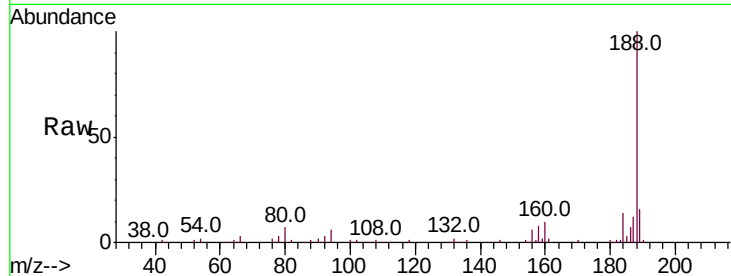
Tot Ion:188 Resp: 151217

Ion Ratio Lower Upper

188 100

94 6.3 5.0 7.4

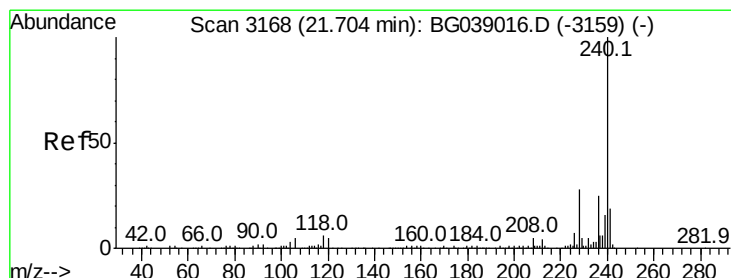
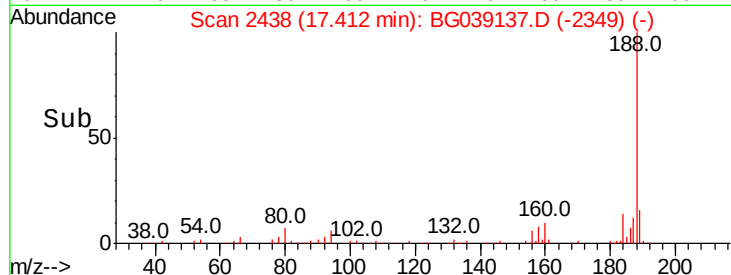
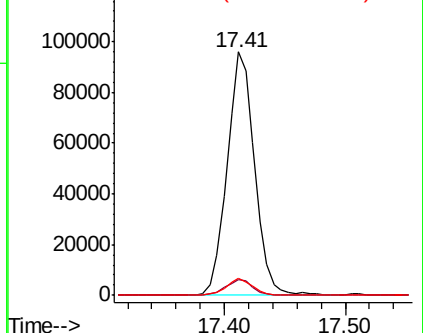
80 7.1 4.7 7.1#



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: BG039137.D

Acq: 15 Jan 2019 18:34

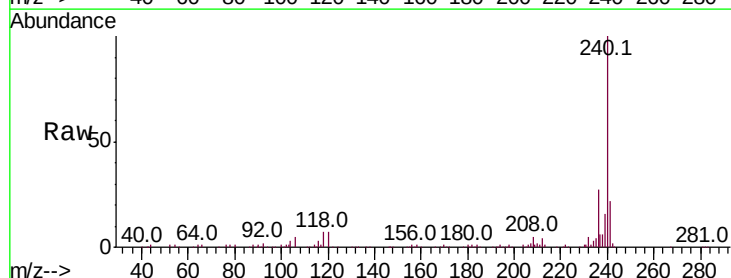
Tgt Ion:240 Resp: 202045

Ion Ratio Lower Upper

240 100

120 7.1 4.3 6.5#

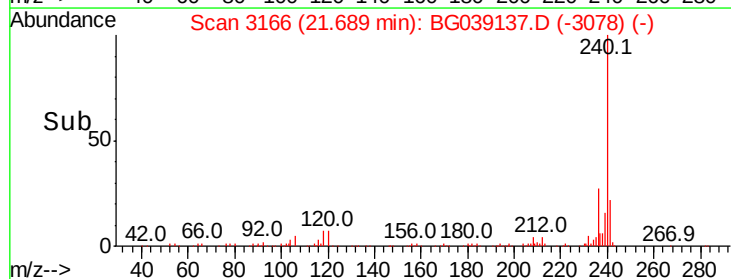
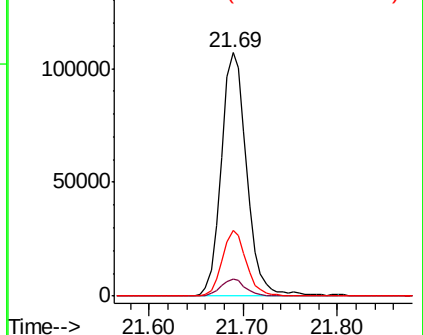
236 26.7 20.1 30.1

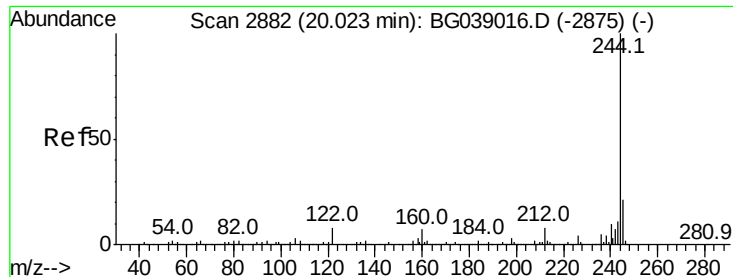


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 84.862 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.00 min

Lab File: BG039137.D

Acq: 15 Jan 2019 18:34

Instrument :

BNA_G

ClientSampleId :

RBR-200053

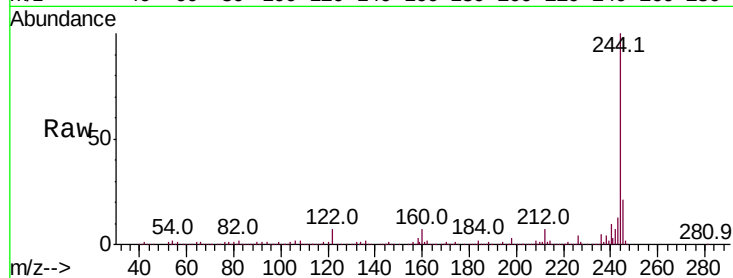
Tot Ion:244 Resp: 926863

Ion Ratio Lower Upper

244 100

212 7.4 6.1 9.1

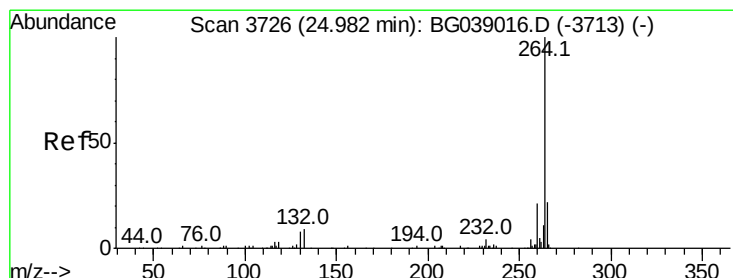
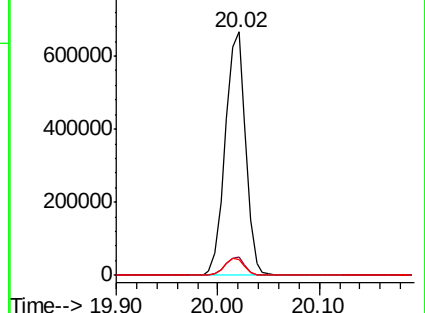
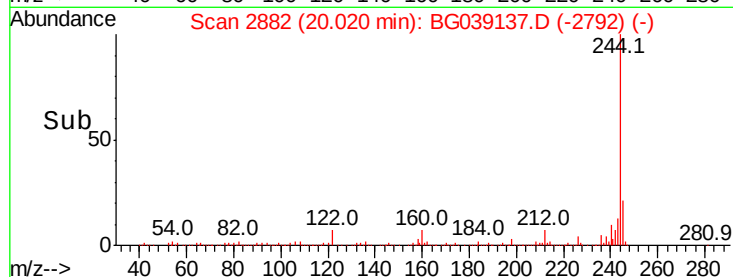
122 6.7 6.1 9.1



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: 24.97 min Scan# 3724

Delta R.T. -0.01 min

Lab File: BG039137.D

Acq: 15 Jan 2019 18:34

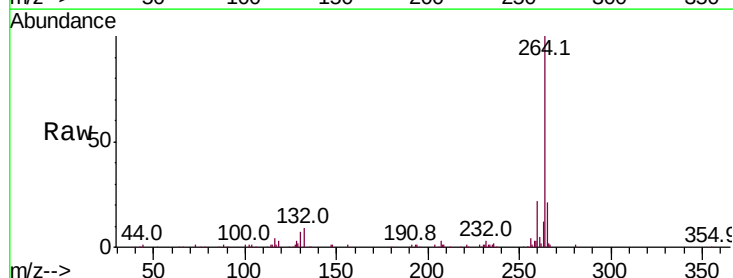
Tgt Ion:264 Resp: 174883

Ion Ratio Lower Upper

264 100

260 22.3 17.0 25.6

265 20.8 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

