

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011619\
 Data File : BG039160.D
 Acq On : 16 Jan 2019 17:00
 Operator : JU/SJ
 Sample : K1128-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RBR-200036

Quant Time: Jan 16 17:38:29 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 16 14:03:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	17975	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	80902	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	61150	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	162029	20.00	ng	0.00
76) Chrysene-d12	21.68	240	180530	20.00	ng	-0.01
87) Perylene-d12	24.95	264	190157	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	151820	160.22	ng	0.00
7) Phenol-d6	7.18	99	193409	141.83	ng	0.00
23) Nitrobenzene-d5	9.20	82	138702	93.81	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	148161	144.54	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	479255	107.26	ng	0.00
79) Terphenyl-d14	20.01	244	881981	90.38	ng	0.00

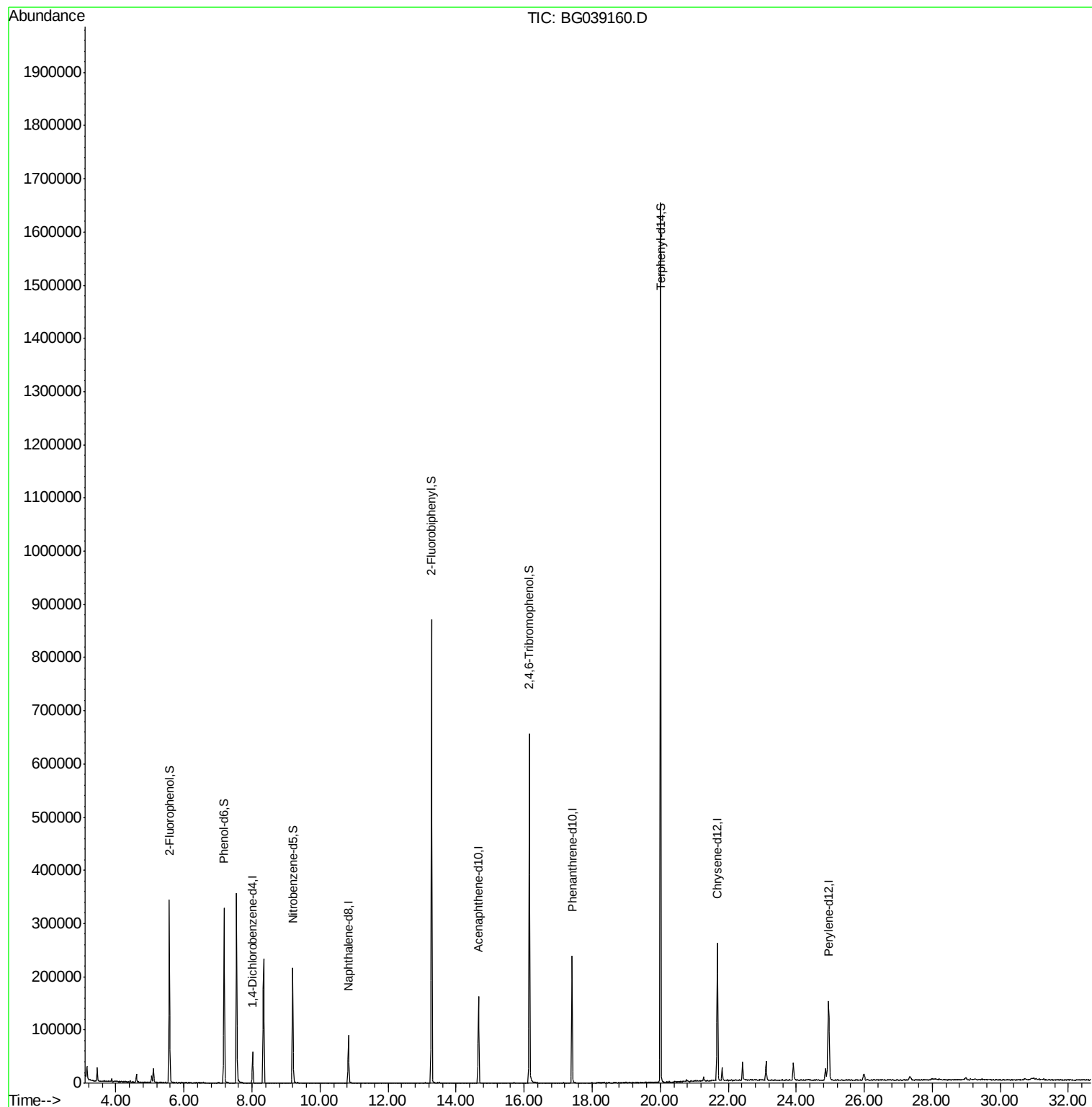
Target Compounds Qvalue

(#) = 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# 839

Delta R.T. 0.00 min

Lab File: BG039160.D

Acq: 16 Jan 2019 17:00

Instrument :

BNA_G

ClientSampleId :

RBR-200036

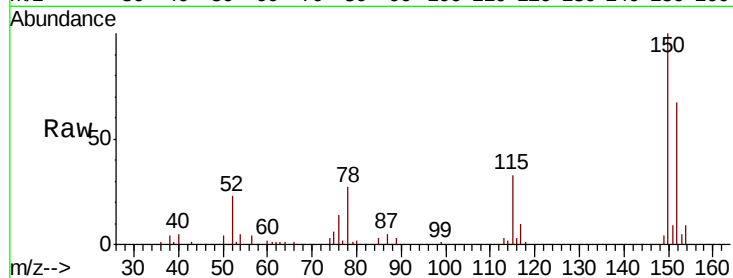
Tot Ion:152 Resp: 17975

Ion Ratio Lower Upper

152 100

150 148.7 124.7 187.1

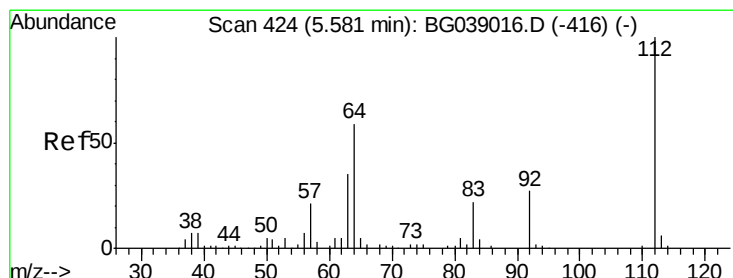
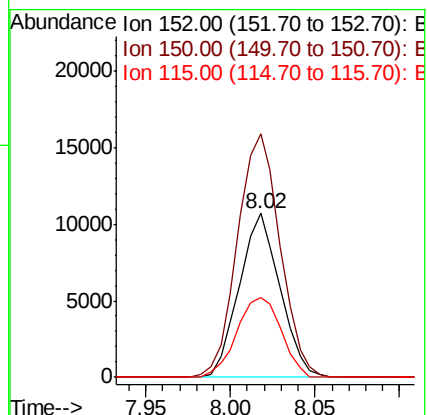
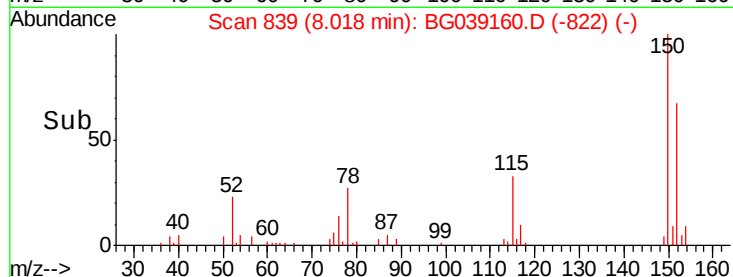
115 49.0 46.5 69.7



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: 160.222 ng

RT: 5.57 min Scan# 423

Delta R.T. 0.01 min

Lab File: BG039160.D

Acq: 16 Jan 2019 17:00

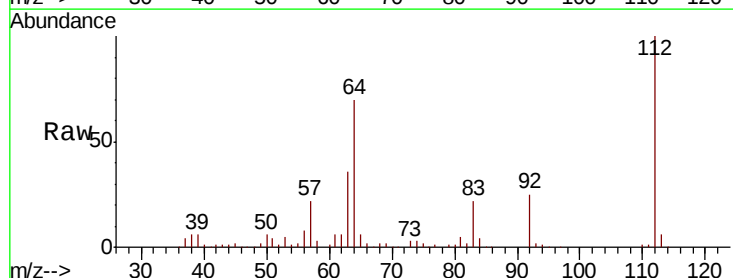
Tgt Ion:112 Resp: 151820

Ion Ratio Lower Upper

112 100

64 70.3 47.0 70.6

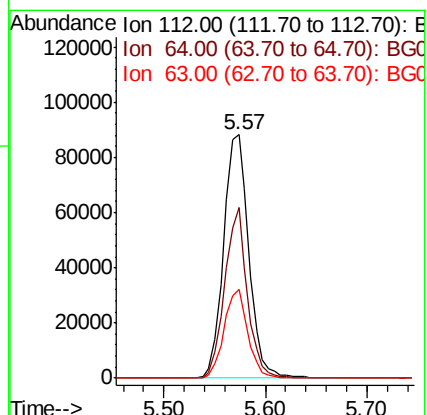
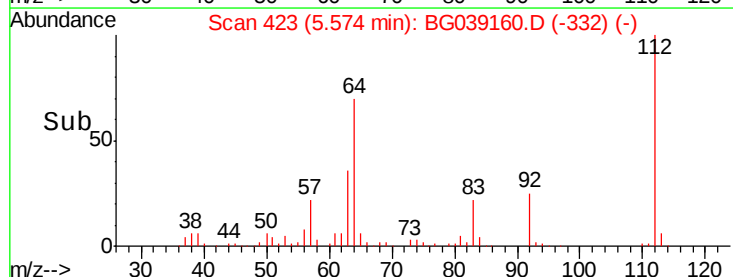
63 36.2 28.0 42.0

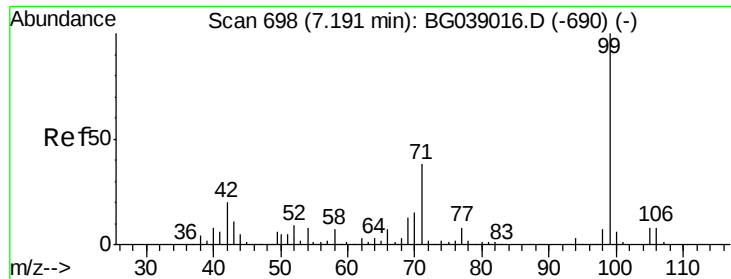


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 141.831 ng

RT: 7.18 min Scan# 696

Delta R.T. 0.00 min

Lab File: BG039160.D

Acq: 16 Jan 2019 17:00

Instrument :

BNA_G

ClientSampleId :

RBR-200036

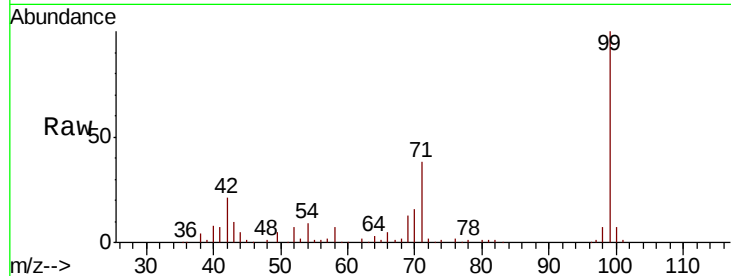
Tot Ion: 99 Resp: 193409

Ion Ratio Lower Upper

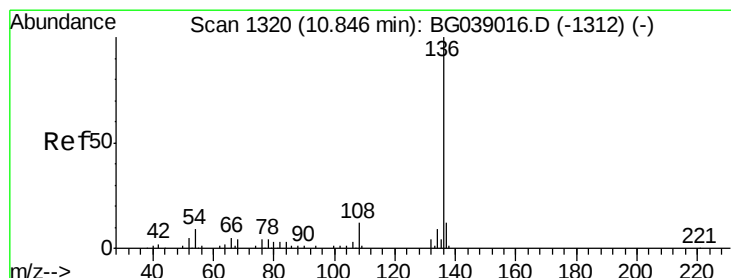
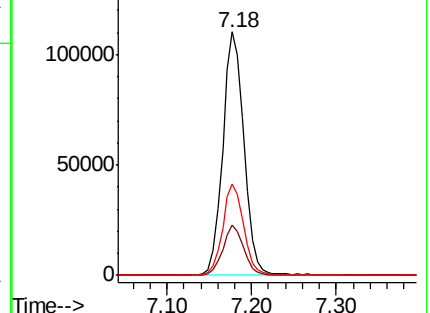
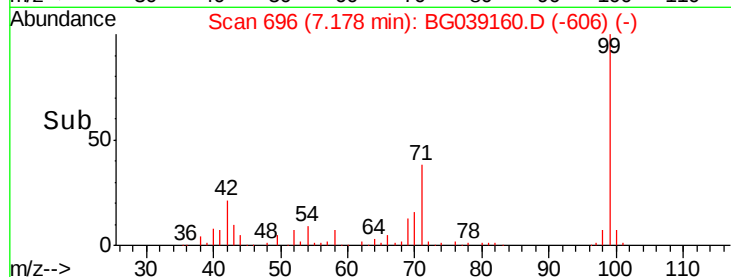
99 100

42 20.7 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: 10.83 min Scan# 1318

Delta R.T. 0.00 min

Lab File: BG039160.D

Acq: 16 Jan 2019 17:00

Tgt Ion: 136 Resp: 80902

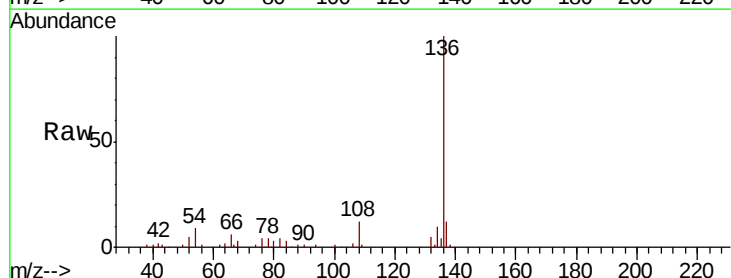
Ion Ratio Lower Upper

136 100

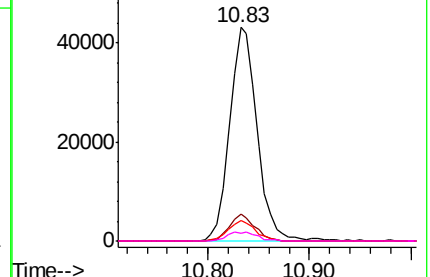
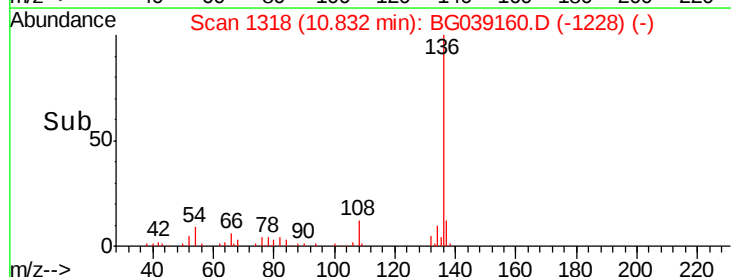
137 12.4 9.4 14.2

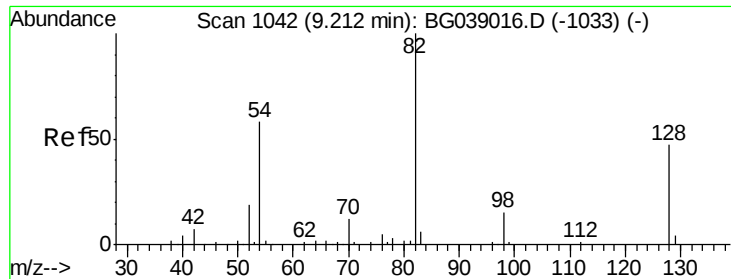
54 9.3 7.2 10.8

68 3.4 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

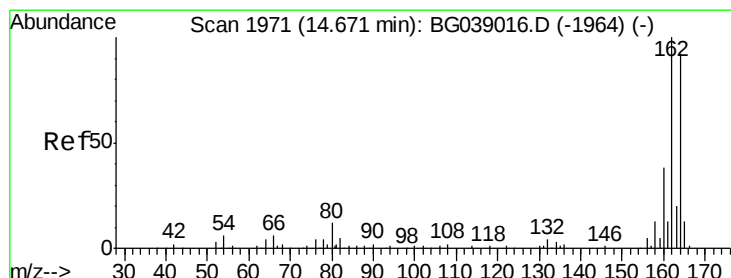
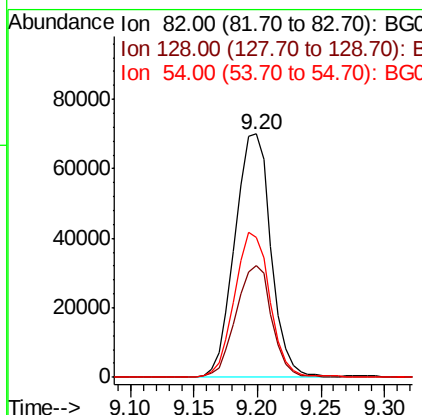
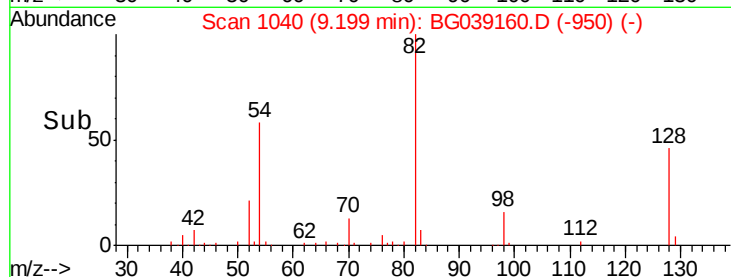
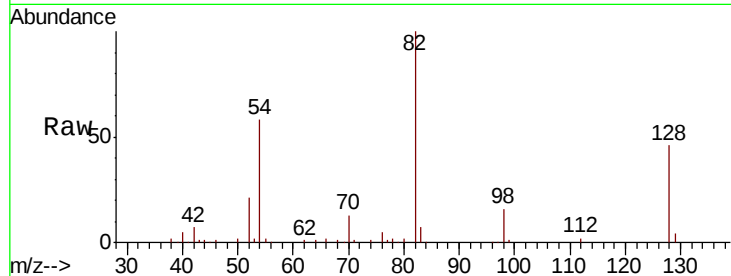




#23
 Nitrobenzene-d5
 Concen: 93.814 ng
 RT: 9.20 min Scan# 1040
 Delta R.T. 0.00 min
 Lab File: BG039160.D
 Acq: 16 Jan 2019 17:00

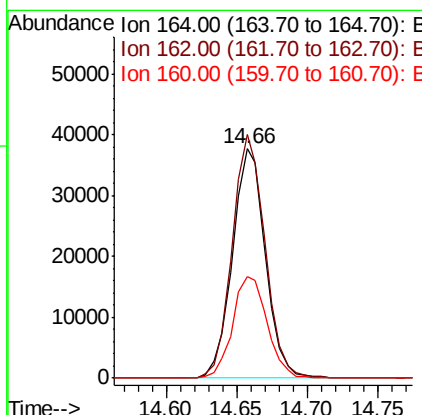
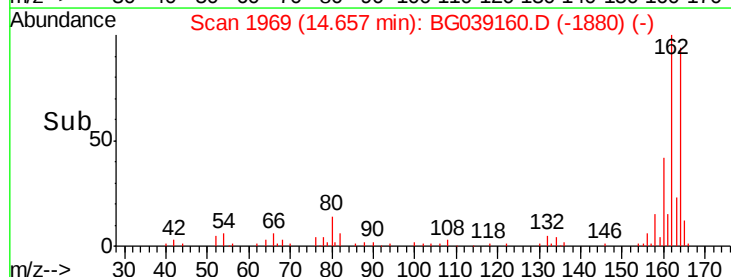
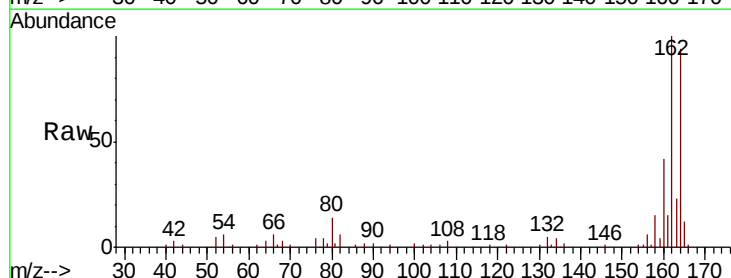
Instrument :
 BNA_G
 ClientSampleId :
 RBR-200036

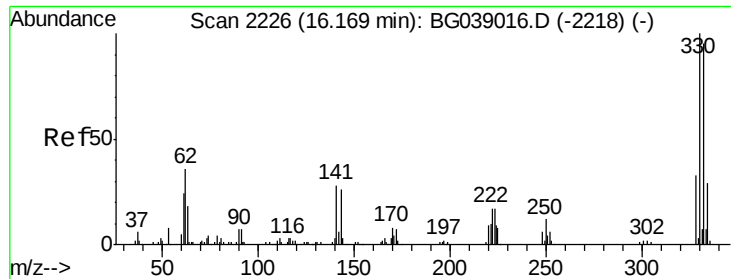
Tot Ion: 82 Resp: 138702
 Ion Ratio Lower Upper
 82 100
 128 46.1 37.3 55.9
 54 57.6 46.4 69.6



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.66 min Scan# 1969
 Delta R.T. -0.01 min
 Lab File: BG039160.D
 Acq: 16 Jan 2019 17:00

Tgt Ion: 164 Resp: 61150
 Ion Ratio Lower Upper
 164 100
 162 106.2 87.2 130.8
 160 44.6 33.3 49.9

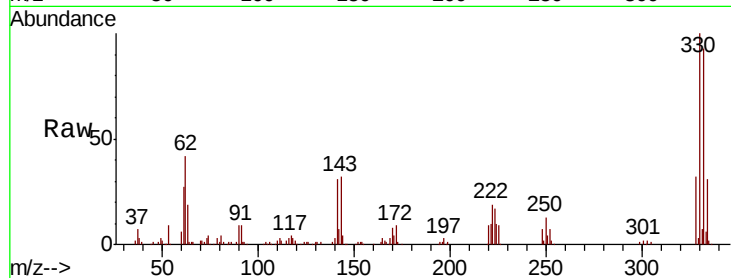




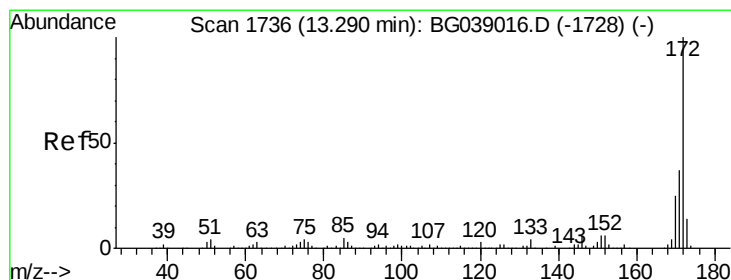
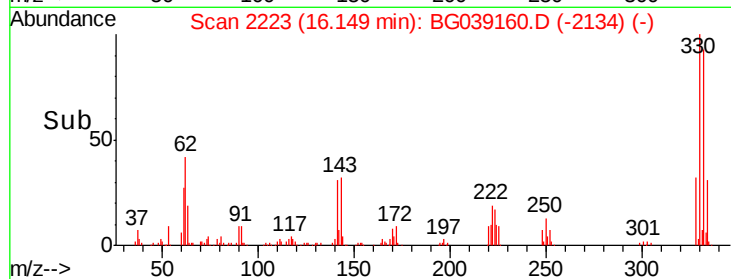
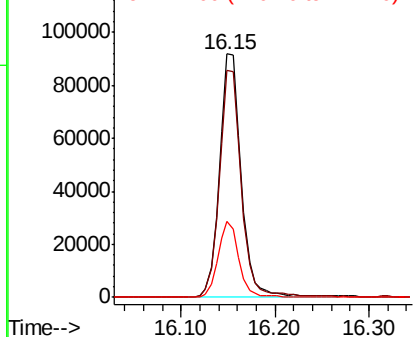
#42
 2,4,6-Tribromophenol
 Concen: 144.541 ng
 RT: 16.15 min Scan# 2223
 Delta R.T. -0.01 min
 Lab File: BG039160.D
 Acq: 16 Jan 2019 17:00

Instrument :
 BNA_G
 ClientSampleId :
 RBR-200036

Tot Ion:330 Resp: 148161
 Ion Ratio Lower Upper
 330 100
 332 94.2 75.7 113.5
 141 30.2 24.9 37.3

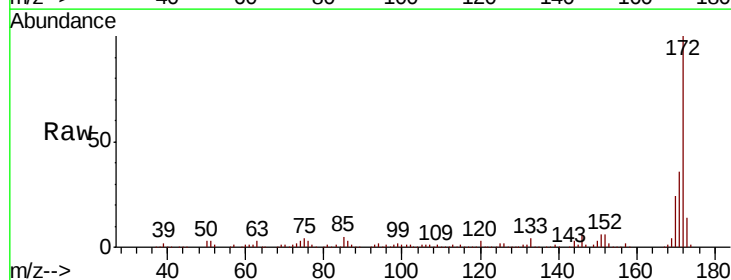


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

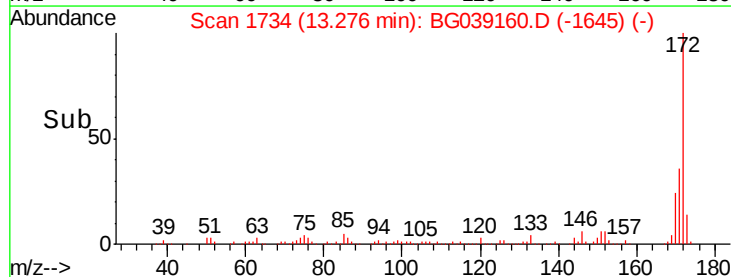
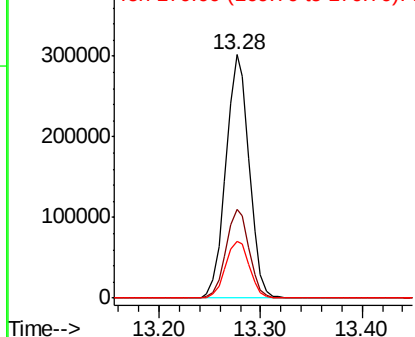


#45
 2-Fluorobiphenyl
 Concen: 107.259 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.01 min
 Lab File: BG039160.D
 Acq: 16 Jan 2019 17:00

Tgt Ion:172 Resp: 479255
 Ion Ratio Lower Upper
 172 100
 171 36.4 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

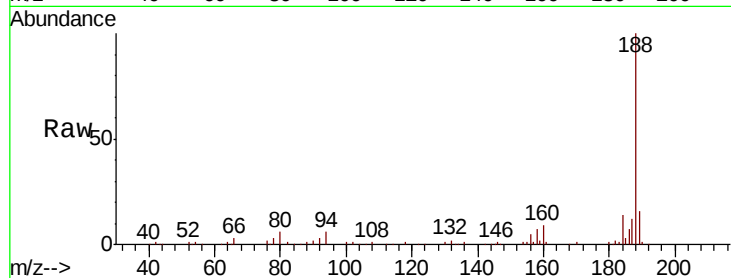




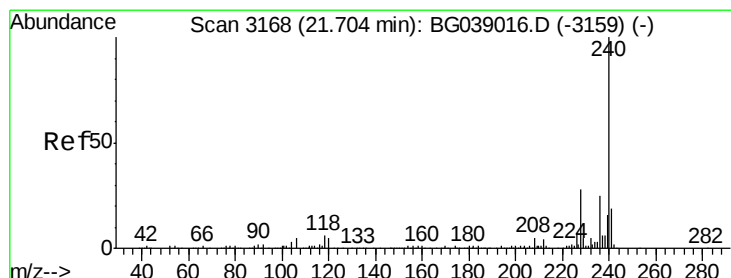
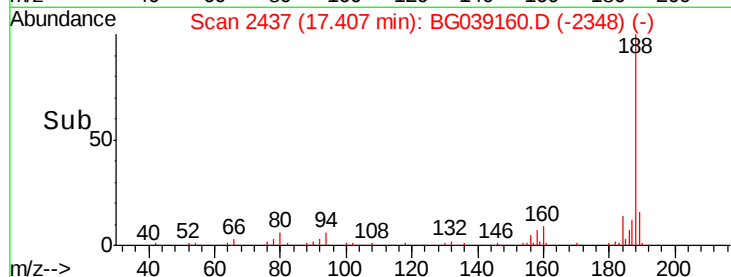
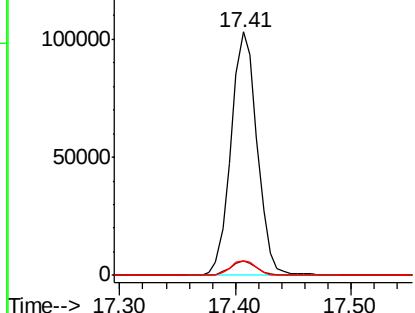
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2437
Delta R.T. -0.01 min
Lab File: BG039160.D
Acq: 16 Jan 2019 17:00

Instrument :
BNA_G
ClientSampleId :
RBR-200036

Tot Ion:188 Resp: 162029
Ion Ratio Lower Upper
188 100
94 6.1 5.0 7.4
80 6.1 4.7 7.1

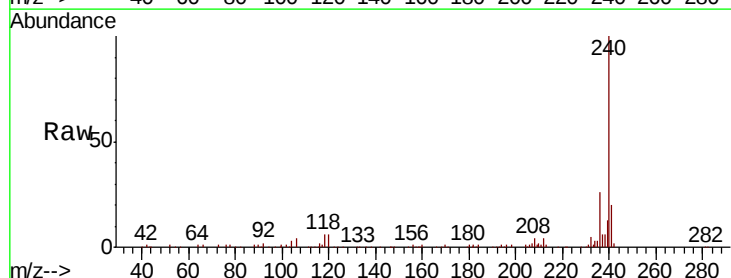


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

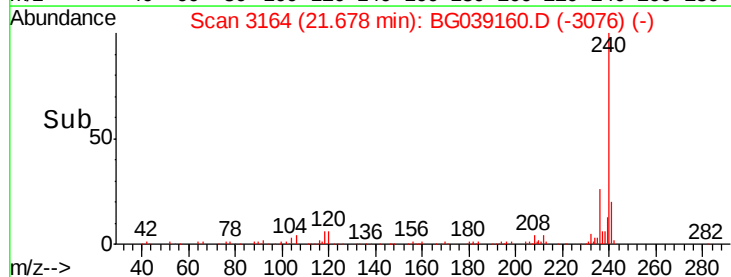
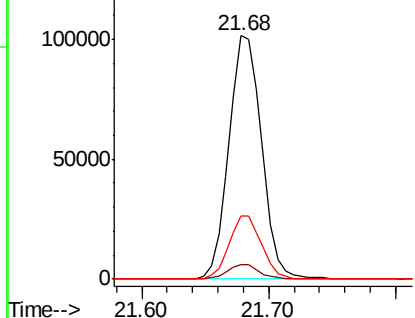


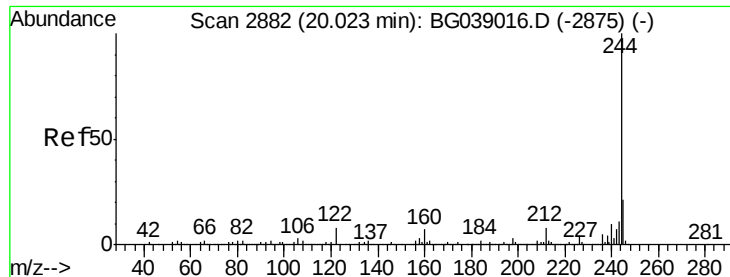
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3164
Delta R.T. -0.01 min
Lab File: BG039160.D
Acq: 16 Jan 2019 17:00

Tgt Ion:240 Resp: 180530
Ion Ratio Lower Upper
240 100
120 5.9 4.3 6.5
236 25.7 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: 90.377 ng

RT: 20.01 min Scan# 2880

Delta R.T. -0.01 min

Lab File: BG039160.D

Acq: 16 Jan 2019 17:00

Instrument :

BNA_G

ClientSampleId :

RBR-200036

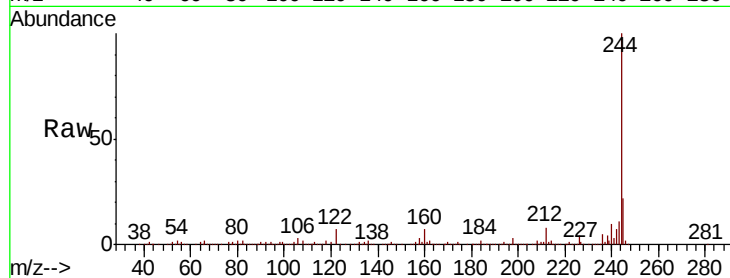
Tot Ion:244 Resp: 881981

Ion Ratio Lower Upper

244 100

212 7.7 6.1 9.1

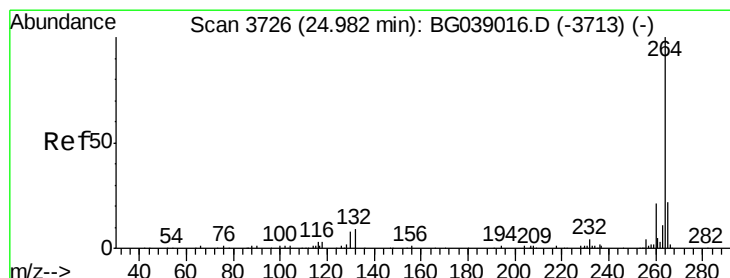
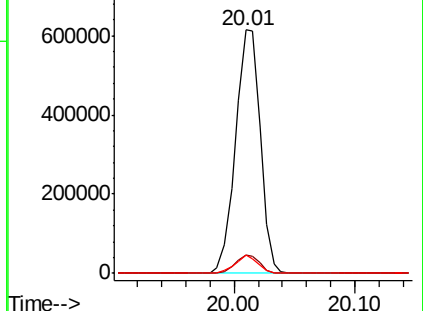
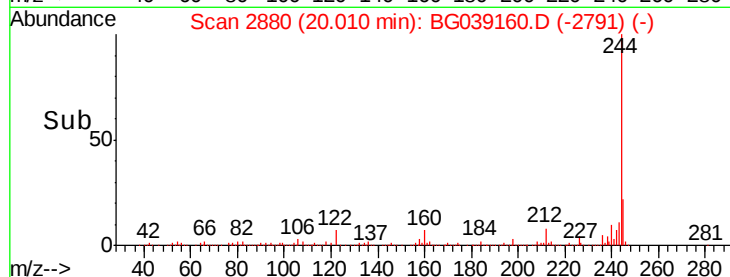
122 7.3 6.1 9.1



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: 24.95 min Scan# 3721

Delta R.T. -0.01 min

Lab File: BG039160.D

Acq: 16 Jan 2019 17:00

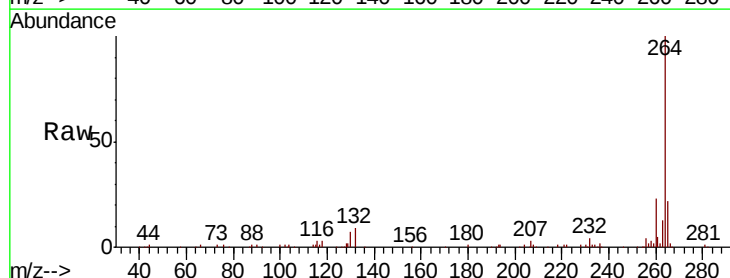
Tgt Ion:264 Resp: 190157

Ion Ratio Lower Upper

264 100

260 22.6 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

