

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012519\
 Data File : BG039295.D
 Acq On : 26 Jan 2019 3:52
 Operator : JU/SJ
 Sample : K1231-02
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RBR-200029

Quant Time: Jan 28 03:59:43 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 18 04:20:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	17876	20.00	ng	-0.01
21) Naphthalene-d8	10.82	136	50558	20.00	ng	-0.01
39) Acenaphthene-d10	14.65	164	36007	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	102745	20.00	ng	-0.01
76) Chrysene-d12	21.66	240	121893	20.00	ng	-0.02
87) Perylene-d12	24.92	264	125898	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	104987	111.41	ng	0.00
7) Phenol-d6	7.17	99	161563	119.13	ng	0.00
23) Nitrobenzene-d5	9.18	82	116080	125.63	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	87317	144.67	ng	-0.01
45) 2-Fluorobiphenyl	13.26	172	236419	89.86	ng	-0.01
79) Terphenyl-d14	20.00	244	574669	87.21	ng	0.00

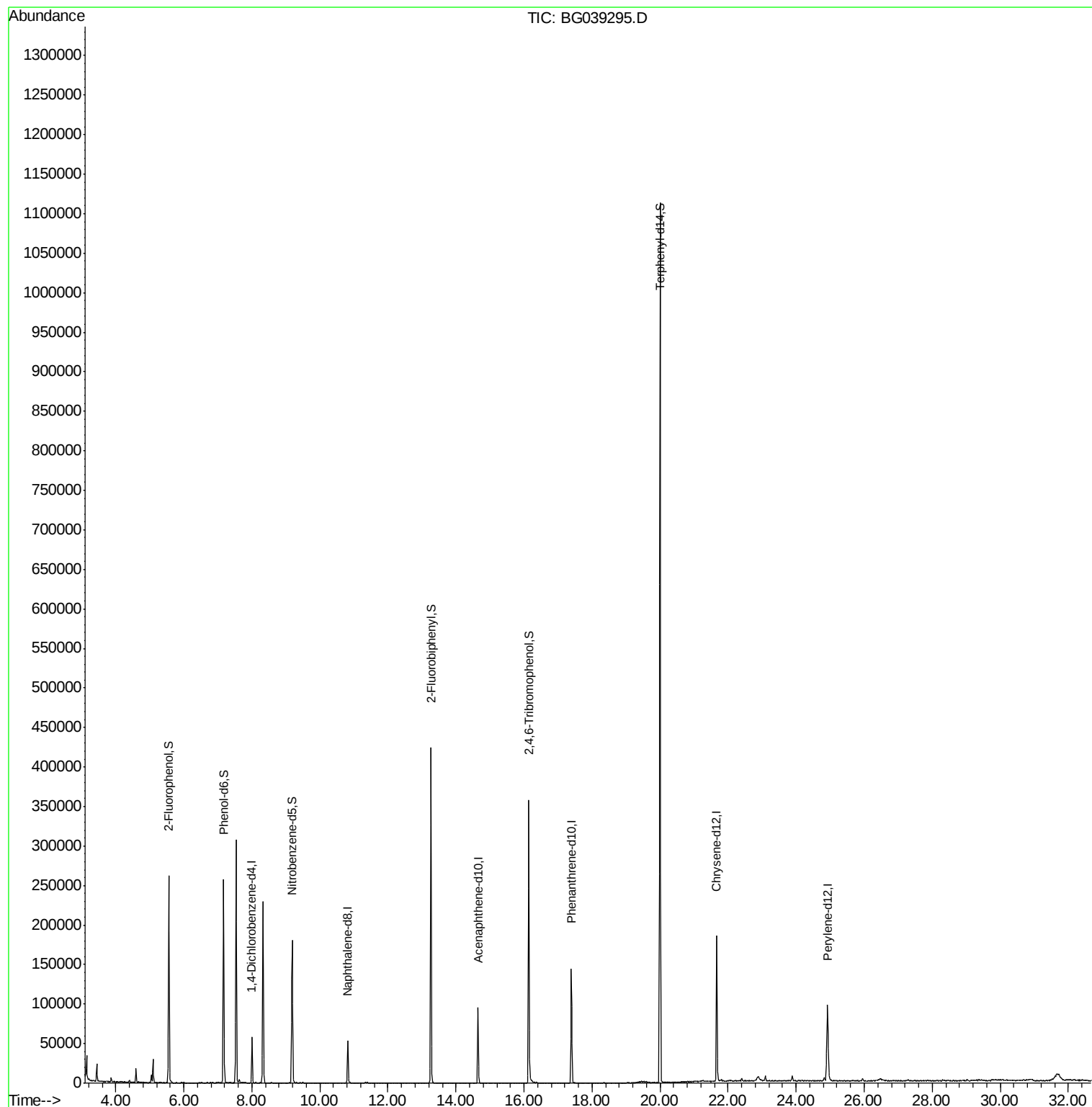
Target Compounds Qvalue

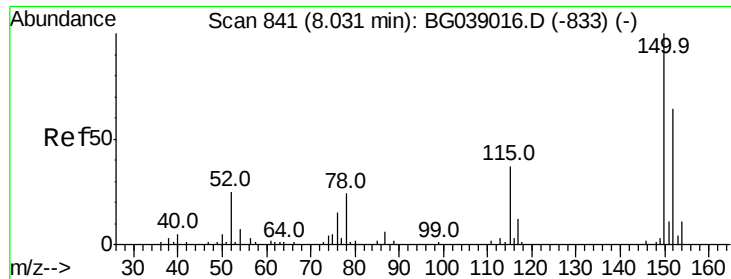
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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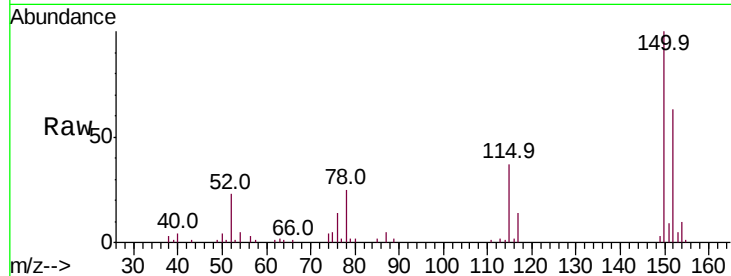


#1

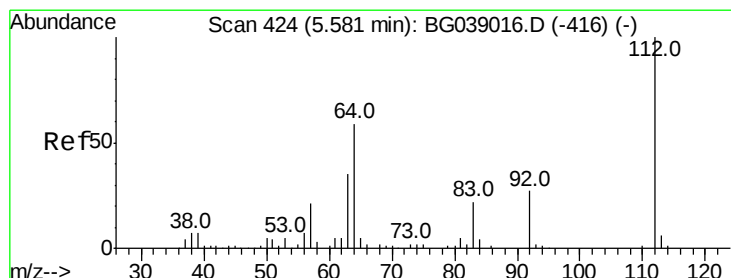
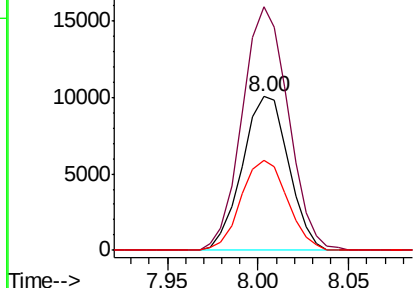
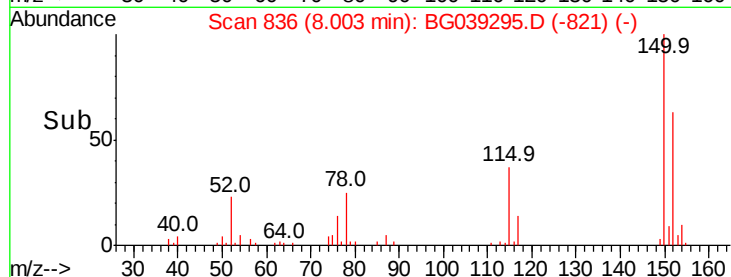
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BG039295.D
Acq: 26 Jan 2019 3:52

Instrument :
BNA_G
ClientSampleId :
RBR-200029

Tot Ion:152 Resp: 17876
Ion Ratio Lower Upper
152 100
150 158.2 124.7 187.1
115 58.8 46.5 69.7



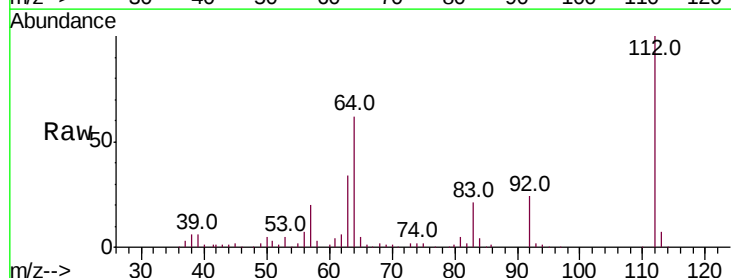
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



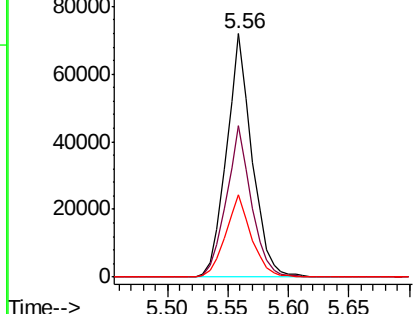
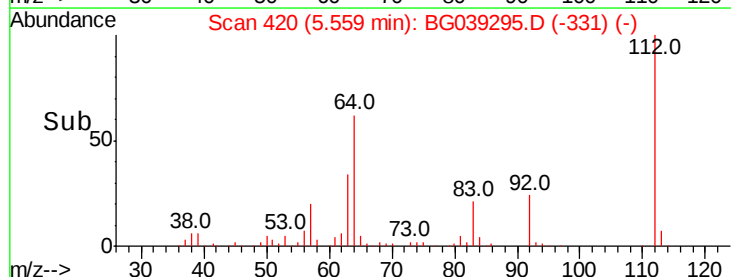
#5

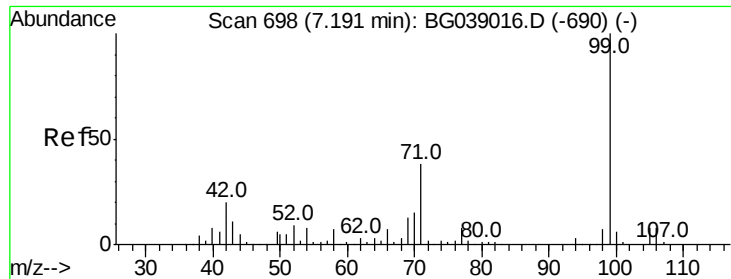
2-Fluorophenol
Concen: 111.411 ng
RT: 5.56 min Scan# 420
Delta R.T. -0.01 min
Lab File: BG039295.D
Acq: 26 Jan 2019 3:52

Tgt Ion:112 Resp: 104987
Ion Ratio Lower Upper
112 100
64 62.4 47.0 70.6
63 33.6 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: 119.134 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG039295.D

Acq: 26 Jan 2019 3:52

Instrument :

BNA_G

ClientSampleId :

RBR-200029

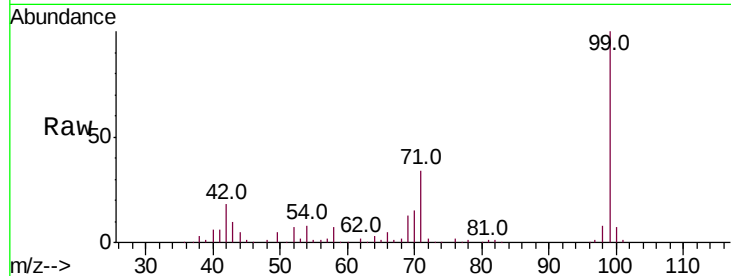
Tot Ion: 99 Resp: 161563

Ion Ratio Lower Upper

99 100

42 17.9 15.8 23.6

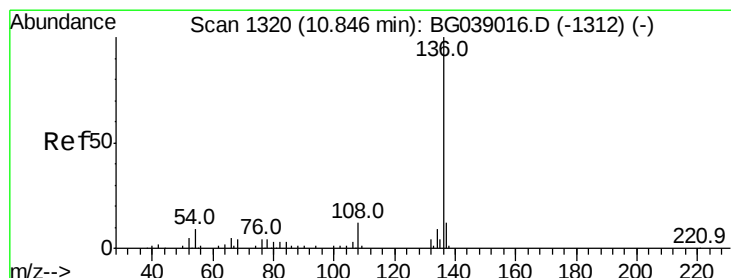
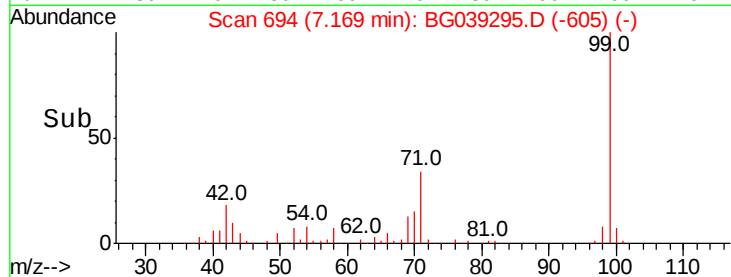
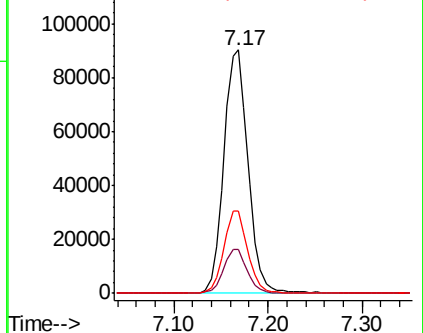
71 34.0 30.2 45.4



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: 10.82 min Scan# 1315

Delta R.T. -0.01 min

Lab File: BG039295.D

Acq: 26 Jan 2019 3:52

Tgt Ion: 136 Resp: 50558

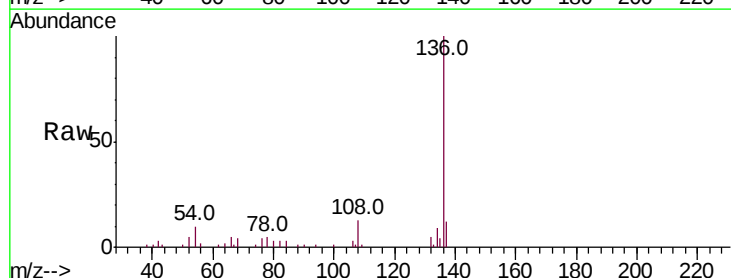
Ion Ratio Lower Upper

136 100

137 12.0 9.4 14.2

54 10.2 7.2 10.8

68 4.3 3.5 5.3

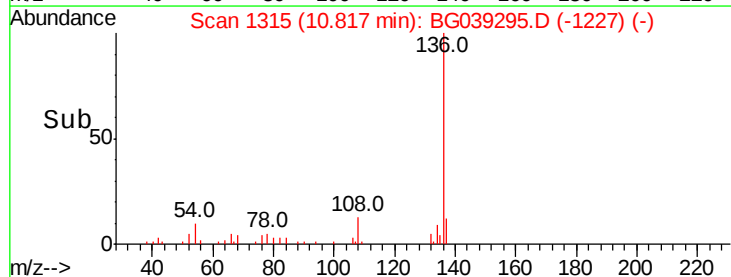
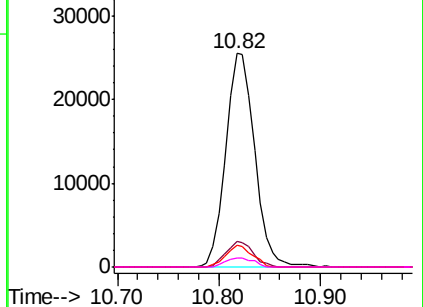


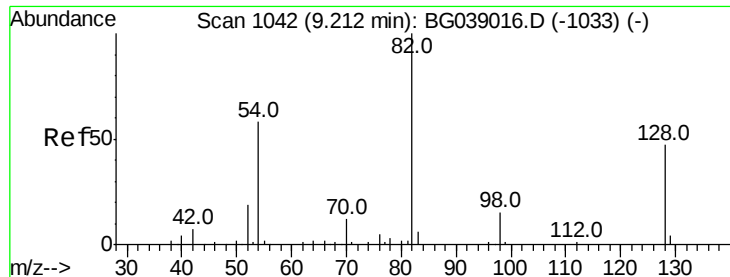
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

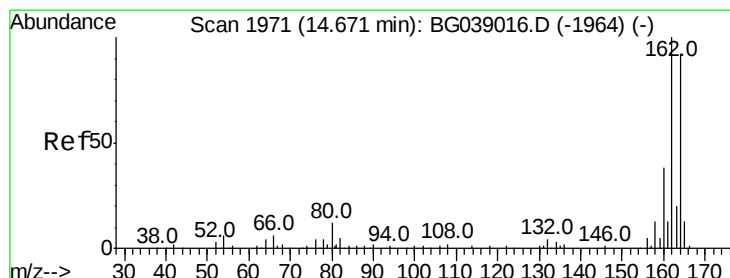
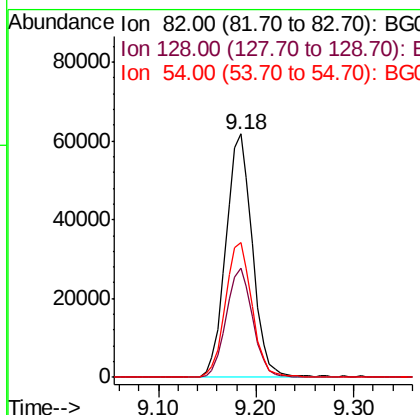
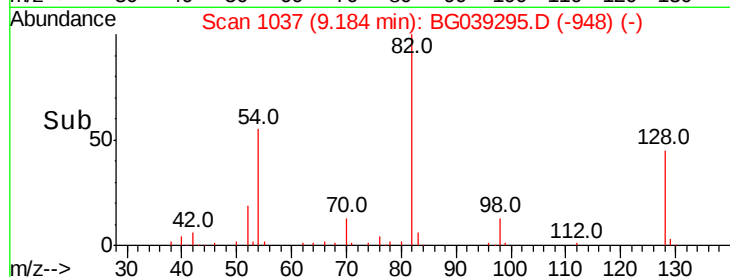
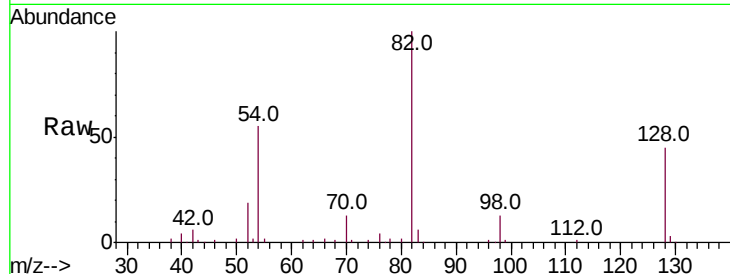




#23
Nitrobenzene-d5
Concen: 125.635 ng
RT: 9.18 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BG039295.D
Acq: 26 Jan 2019 3:52

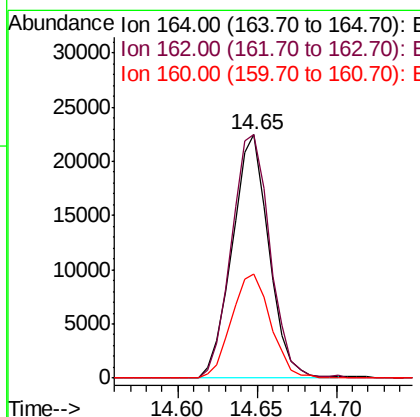
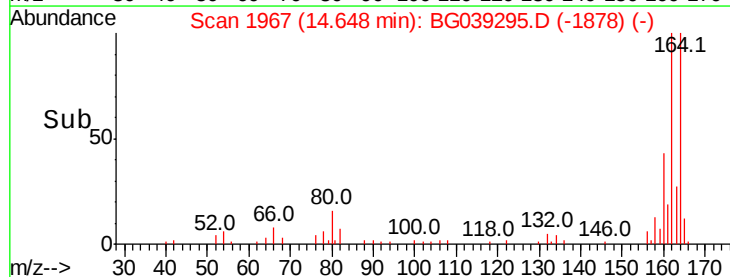
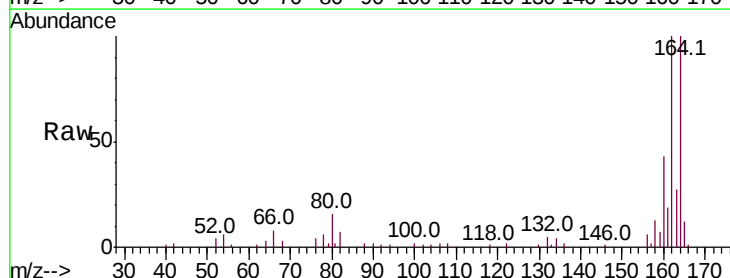
Instrument :
BNA_G
ClientSampleId :
RBR-200029

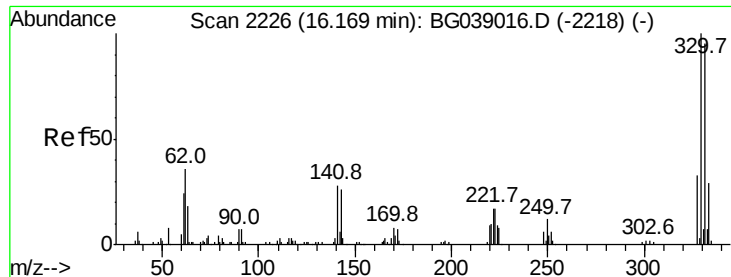
Tot Ion: 82 Resp: 116080
Ion Ratio Lower Upper
82 100
128 44.8 37.3 55.9
54 55.3 46.4 69.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1967
Delta R.T. -0.01 min
Lab File: BG039295.D
Acq: 26 Jan 2019 3:52

Tgt Ion:164 Resp: 36007
Ion Ratio Lower Upper
164 100
162 100.0 87.2 130.8
160 42.8 33.3 49.9

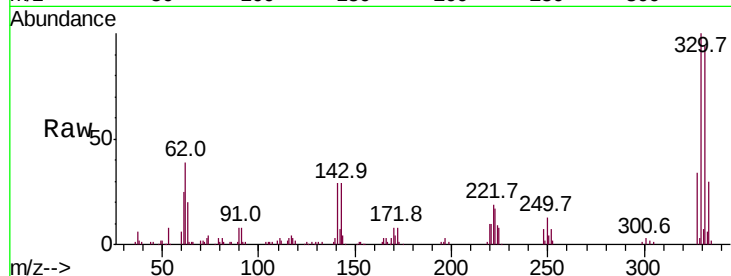




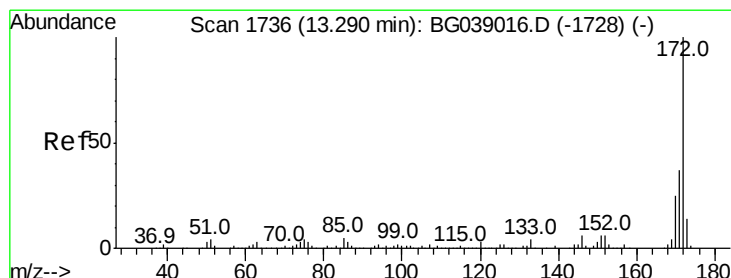
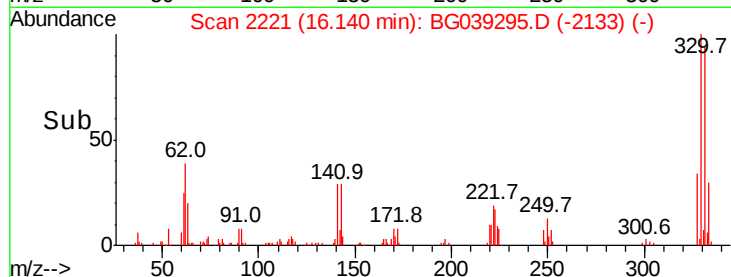
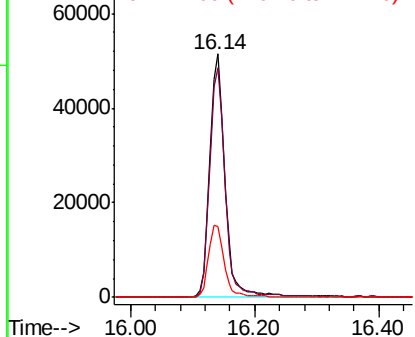
#42
 2,4,6-Tribromophenol
 Concen: 144.666 ng
 RT: 16.14 min Scan# 2221
 Delta R.T. -0.01 min
 Lab File: BG039295.D
 Acq: 26 Jan 2019 3:52

Instrument :
 BNA_G
 ClientSampleId :
 RBR-200029

Tot Ion:330 Resp: 87317
 Ion Ratio Lower Upper
 330 100
 332 95.1 75.7 113.5
 141 30.4 24.9 37.3

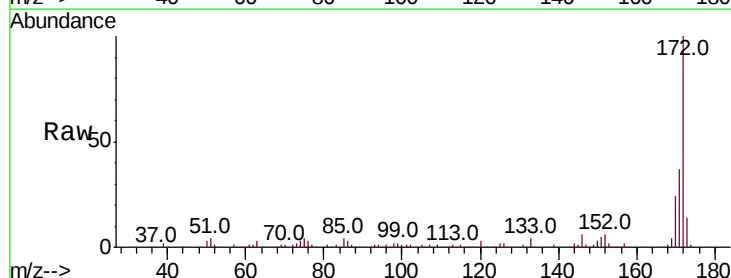


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

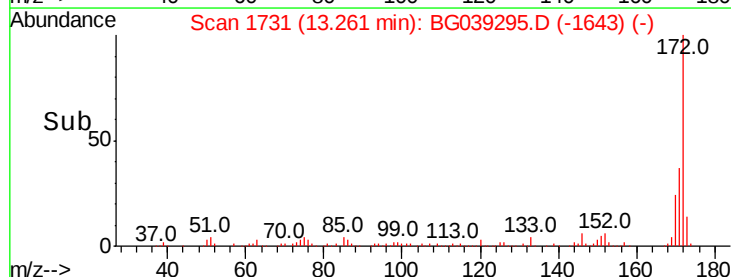
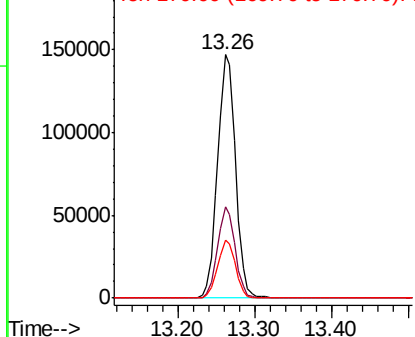


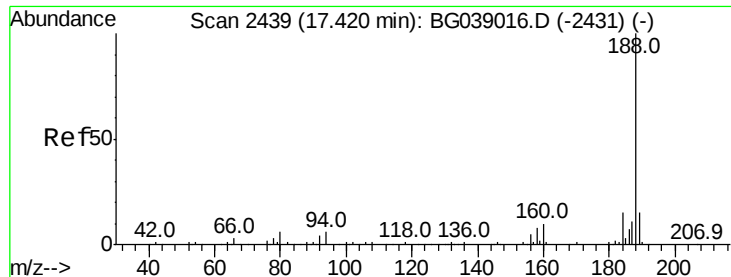
#45
 2-Fluorobiphenyl
 Concen: 89.859 ng
 RT: 13.26 min Scan# 1731
 Delta R.T. -0.01 min
 Lab File: BG039295.D
 Acq: 26 Jan 2019 3:52

Tgt Ion:172 Resp: 236419
 Ion Ratio Lower Upper
 172 100
 171 37.3 29.4 44.0
 170 23.9 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

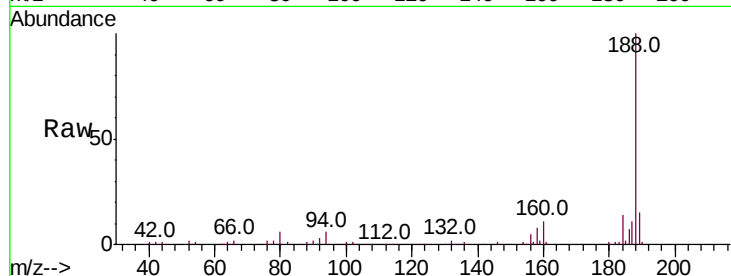




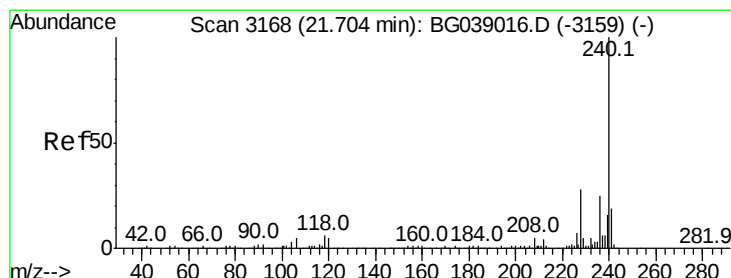
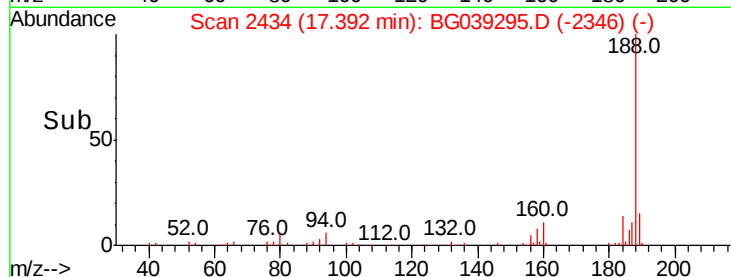
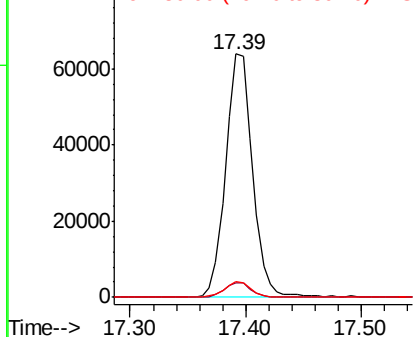
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2434
Delta R.T. -0.01 min
Lab File: BG039295.D
Acq: 26 Jan 2019 3:52

Instrument :
BNA_G
ClientSampleId :
RBR-200029

Tot Ion:188 Resp: 102745
Ion Ratio Lower Upper
188 100
94 5.8 5.0 7.4
80 6.5 4.7 7.1

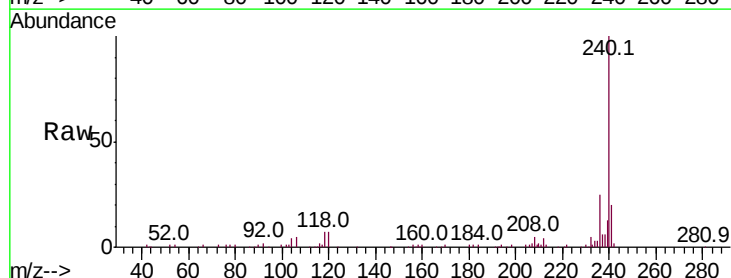


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

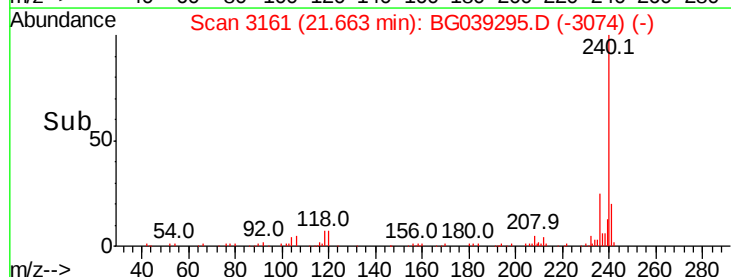
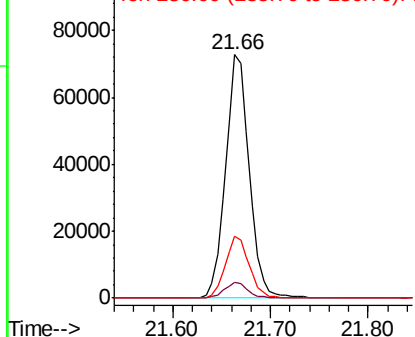


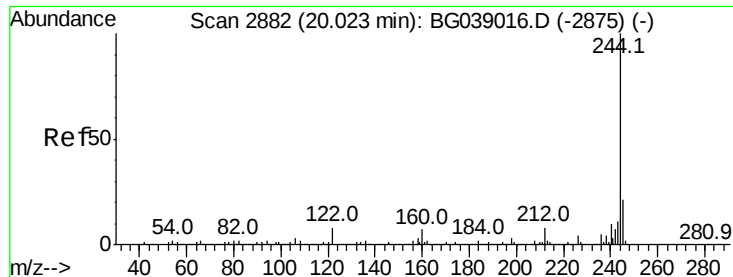
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.66 min Scan# 3161
Delta R.T. -0.02 min
Lab File: BG039295.D
Acq: 26 Jan 2019 3:52

Tgt Ion:240 Resp: 121893
Ion Ratio Lower Upper
240 100
120 6.7 4.3 6.5#
236 25.3 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: 87.214 ng

RT: 20.00 min Scan# 2878

Delta R.T. -0.01 min

Lab File: BG039295.D

Acq: 26 Jan 2019 3:52

Instrument :

BNA_G

ClientSampled :

RBR-200029

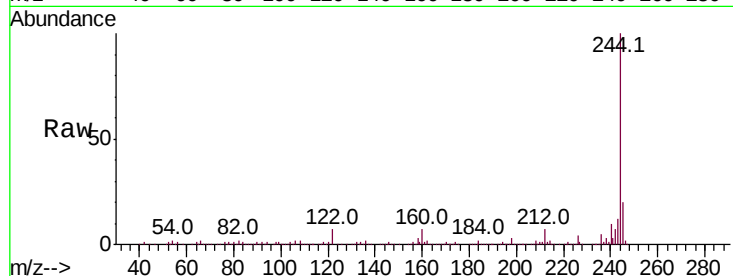
Tot Ion:244 Resp: 574669

Ion Ratio Lower Upper

244 100

212 7.5 6.1 9.1

122 6.5 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

20.00

400000

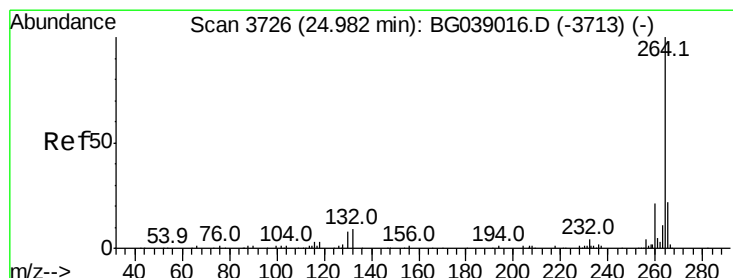
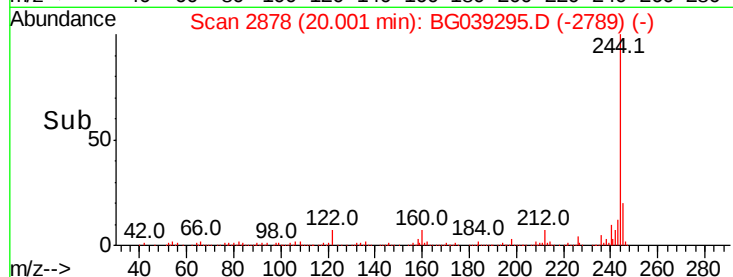
300000

200000

100000

0

Time--> 19.90 20.00 20.10



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.92 min Scan# 3716

Delta R.T. -0.02 min

Lab File: BG039295.D

Acq: 26 Jan 2019 3:52

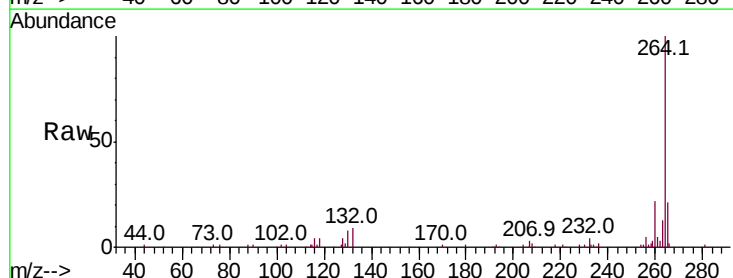
Tgt Ion:264 Resp: 125898

Ion Ratio Lower Upper

264 100

260 22.0 17.0 25.6

265 21.0 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

24.92

50000

40000

30000

20000

10000

0

Time--> 24.80 25.00

