

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011719\
 Data File : BG039195.D
 Acq On : 17 Jan 2019 20:36
 Operator : JU/SJ
 Sample : PB116454TB
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB116454TB

Quant Time: Jan 18 04:51:00 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	8.01	152	20459	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	84472	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	58235	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	154166	20.00	ng	0.00
76) Chrysene-d12	21.68	240	195940	20.00	ng	0.00
87) Perylene-d12	24.94	264	210344	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	198704	184.24	ng	0.00
7) Phenol-d6	7.18	99	216571	139.53	ng	0.00
23) Nitrobenzene-d5	9.19	82	144586	93.66	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	129540	132.70	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	417768	98.18	ng	0.00
79) Terphenyl-d14	20.01	244	925001	87.33	ng	0.00

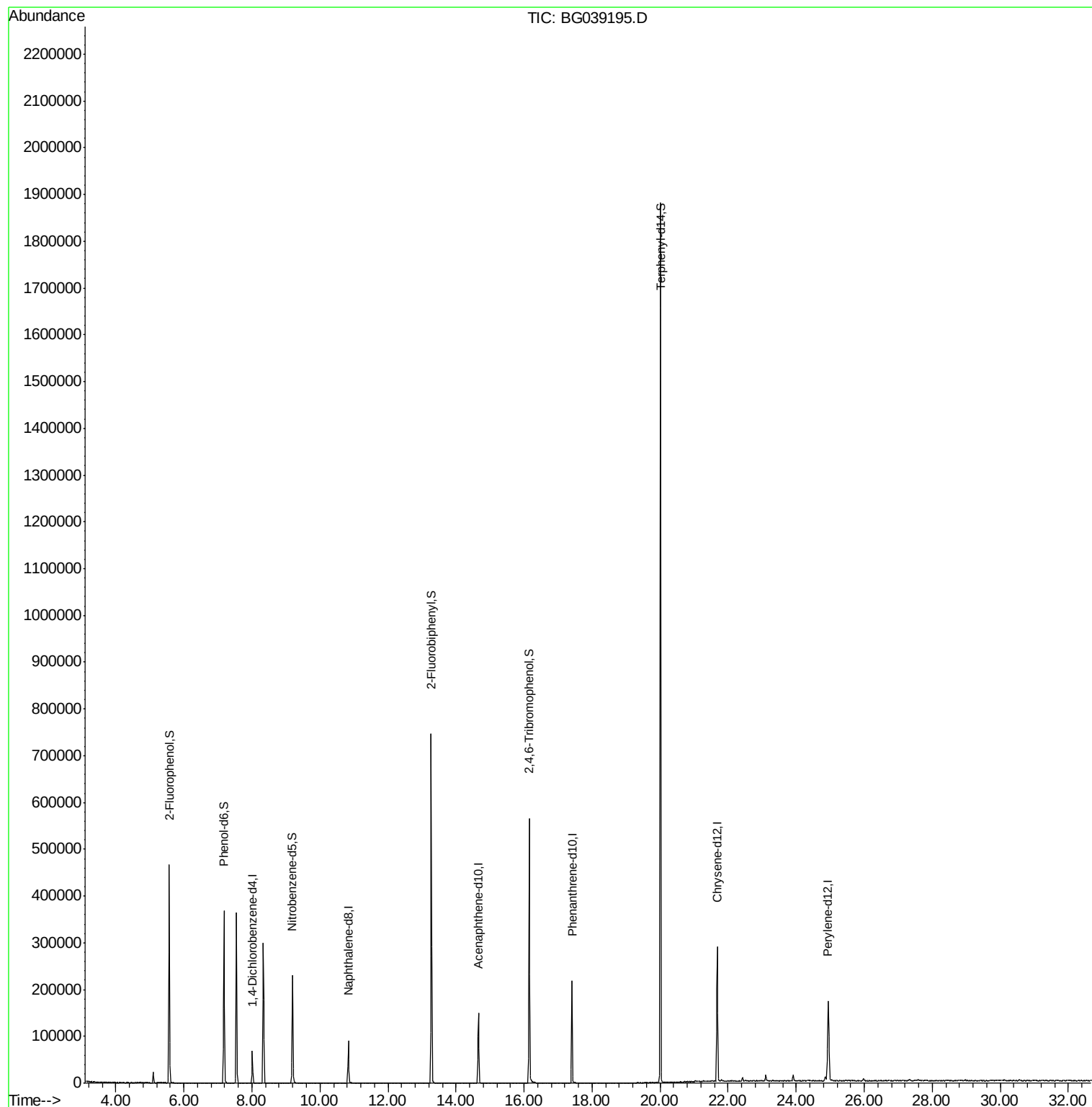
Target Compounds Qvalue

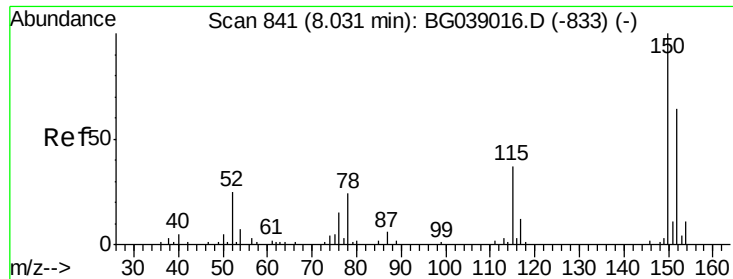
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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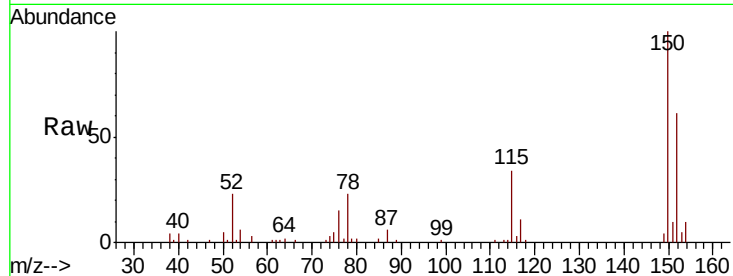


#1

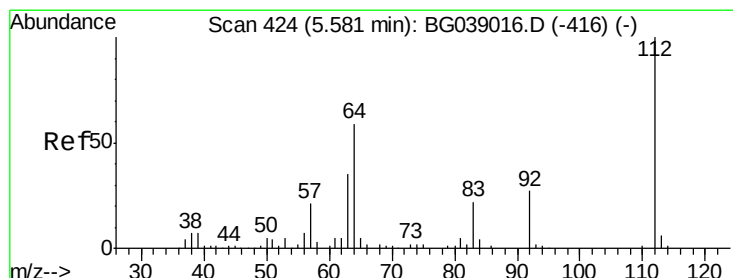
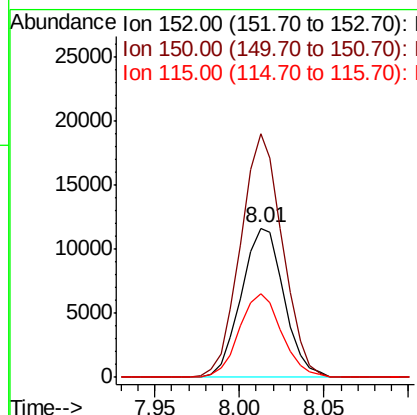
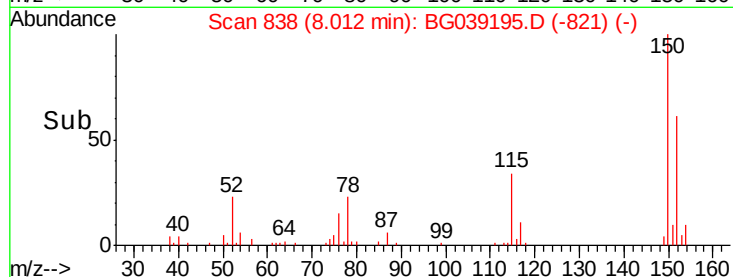
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 838
Delta R.T. -0.00 min
Lab File: BG039195.D
Acq: 17 Jan 2019 20:36

Instrument :
BNA_G
ClientSampleId :
PB116454TB

Tot Ion:152 Resp: 20459
Ion Ratio Lower Upper
152 100
150 163.4 124.7 187.1
115 55.8 46.5 69.7



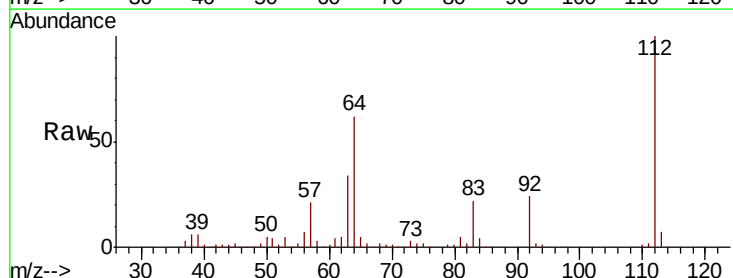
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



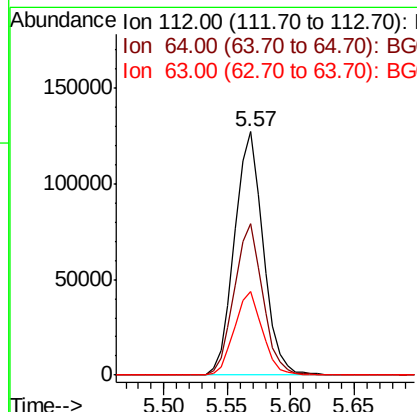
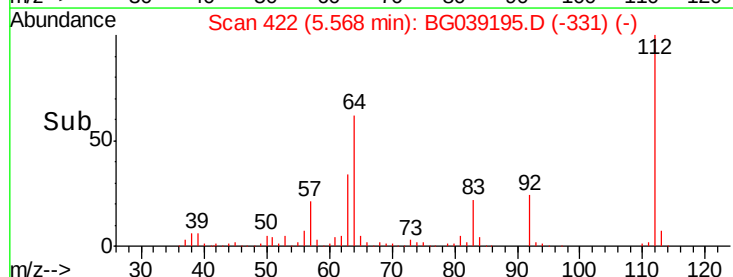
#5

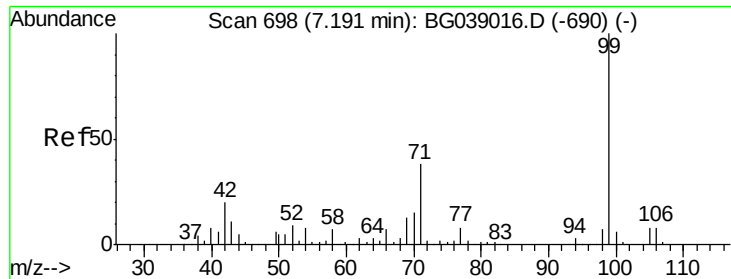
2-Fluorophenol
Concen: 184.241 ng
RT: 5.57 min Scan# 422
Delta R.T. 0.00 min
Lab File: BG039195.D
Acq: 17 Jan 2019 20:36

Tgt Ion:112 Resp: 198704
Ion Ratio Lower Upper
112 100
64 62.3 47.0 70.6
63 34.1 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: 139.534 ng

RT: 7.18 min Scan# 696

Delta R.T. 0.00 min

Lab File: BG039195.D

Acq: 17 Jan 2019 20:36

Instrument :

BNA_G

ClientSampleId :

PB116454TB

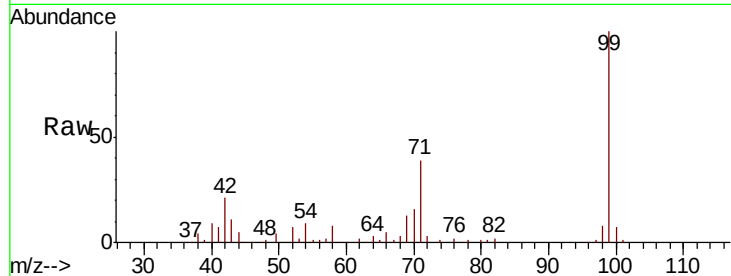
Tot Ion: 99 Resp: 216571

Ion Ratio Lower Upper

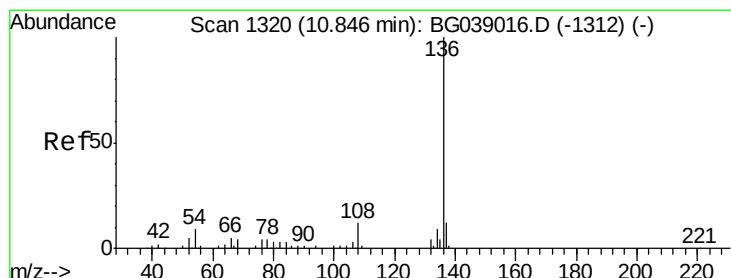
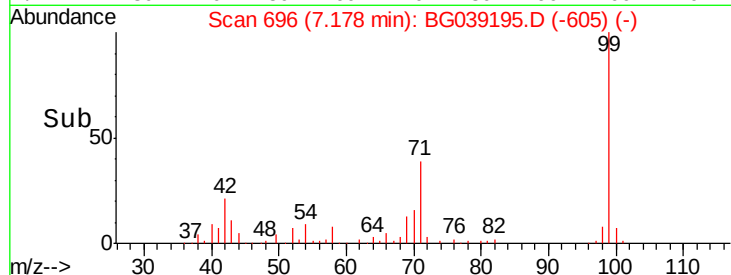
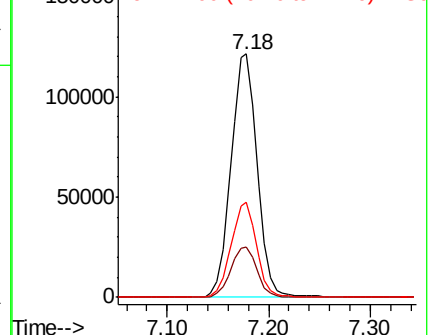
99 100

42 20.7 15.8 23.6

71 38.9 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: BG039195.D

Acq: 17 Jan 2019 20:36

Tgt Ion: 136 Resp: 84472

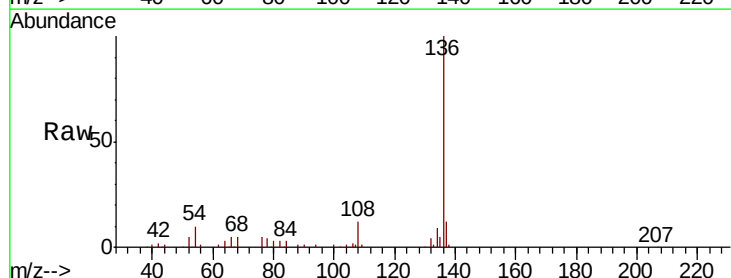
Ion Ratio Lower Upper

136 100

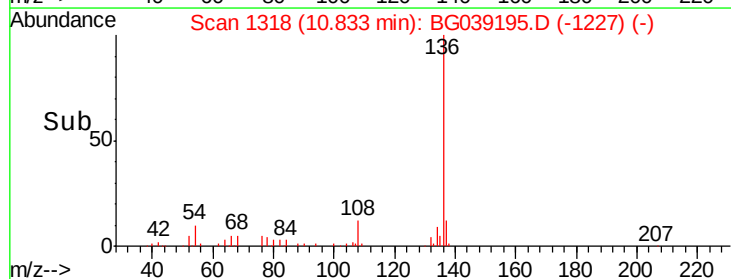
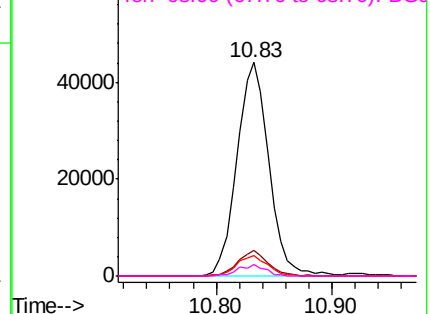
137 11.9 9.4 14.2

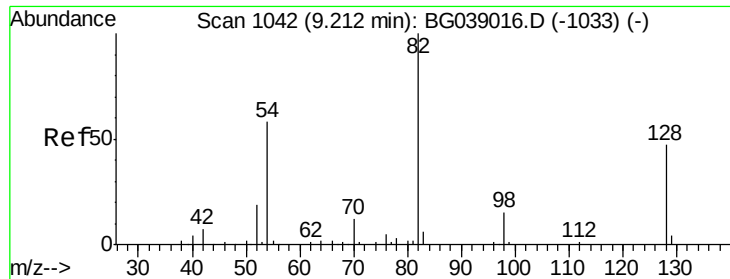
54 9.8 7.2 10.8

68 5.3 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

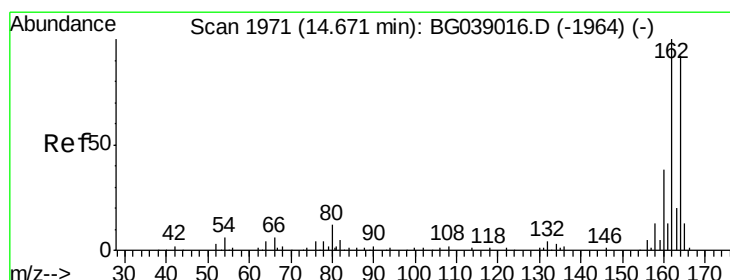
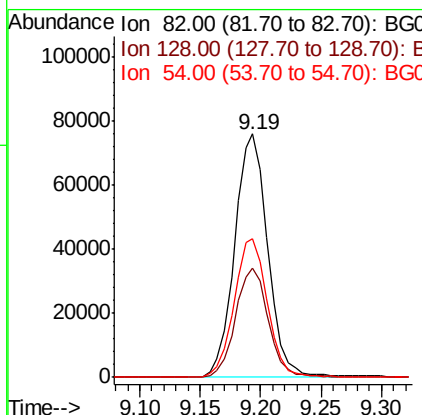
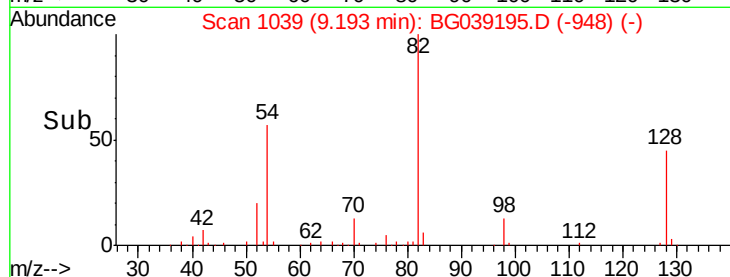
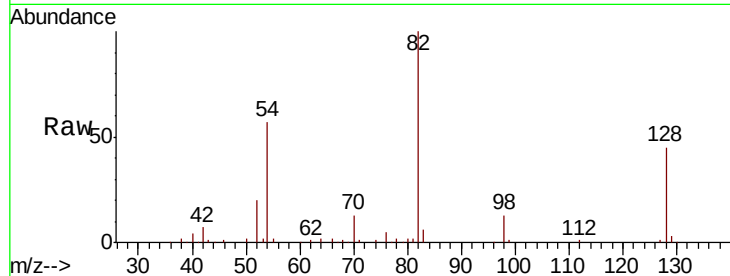




#23
Nitrobenzene-d5
Concen: 93.660 ng
RT: 9.19 min Scan# 1039
Delta R.T. 0.00 min
Lab File: BG039195.D
Acq: 17 Jan 2019 20:36

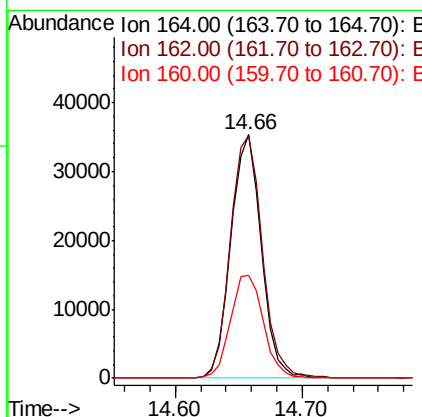
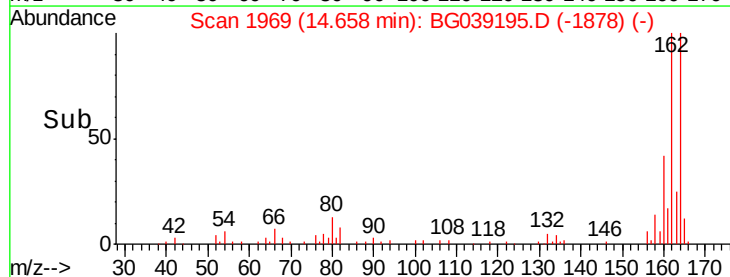
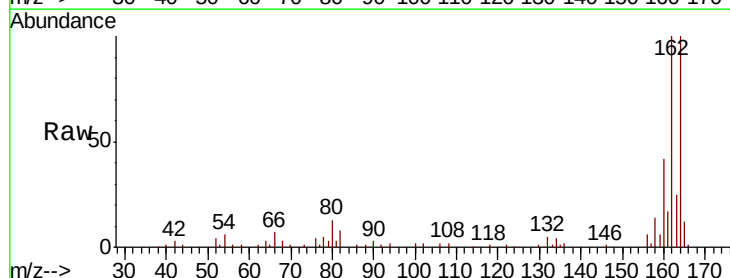
Instrument :
BNA_G
ClientSampleId :
PB116454TB

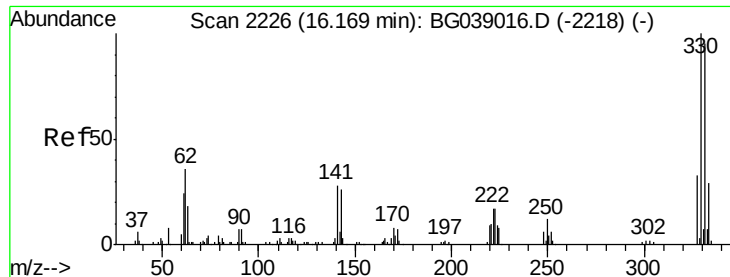
Tot Ion: 82 Resp: 144586
Ion Ratio Lower Upper
82 100
128 44.7 37.3 55.9
54 56.8 46.4 69.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1969
Delta R.T. 0.00 min
Lab File: BG039195.D
Acq: 17 Jan 2019 20:36

Tgt Ion: 164 Resp: 58235
Ion Ratio Lower Upper
164 100
162 99.6 87.2 130.8
160 42.2 33.3 49.9





#42

2,4,6-Tribromophenol

Concen: 132.701 ng

RT: 16.15 min Scan# 2223

Delta R.T. -0.00 min

Lab File: BG039195.D

Acq: 17 Jan 2019 20:36

Instrument :

BNA_G

ClientSampleId :

PB116454TB

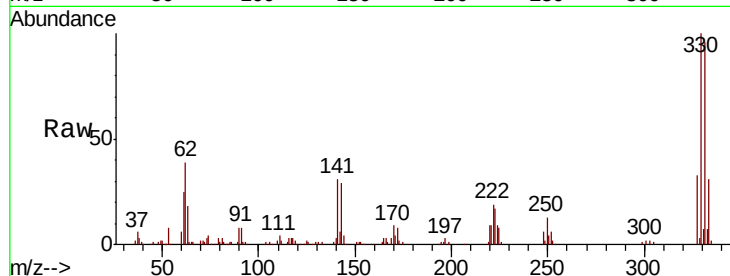
Tot Ion:330 Resp: 129540

Ion Ratio Lower Upper

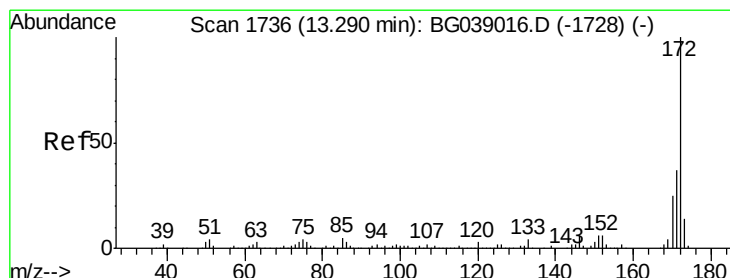
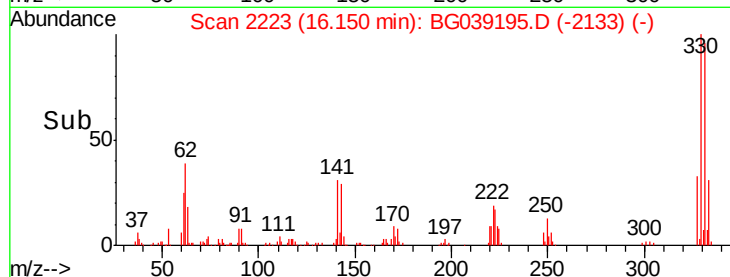
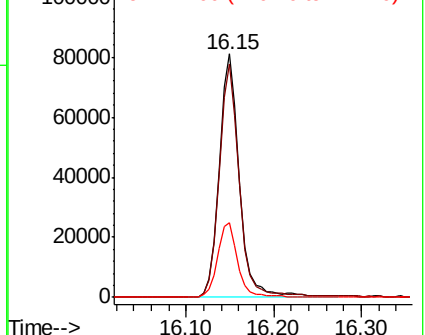
330 100

332 95.8 75.7 113.5

141 30.6 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: 98.178 ng

RT: 13.27 min Scan# 1733

Delta R.T. -0.00 min

Lab File: BG039195.D

Acq: 17 Jan 2019 20:36

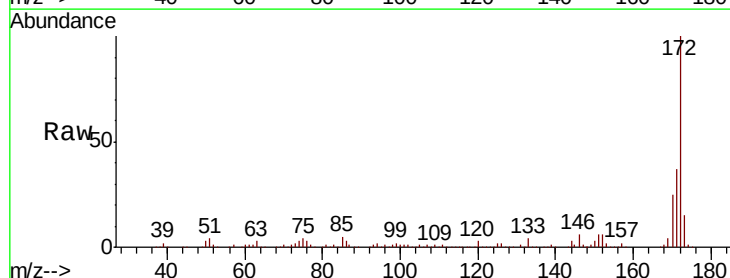
Tgt Ion:172 Resp: 417768

Ion Ratio Lower Upper

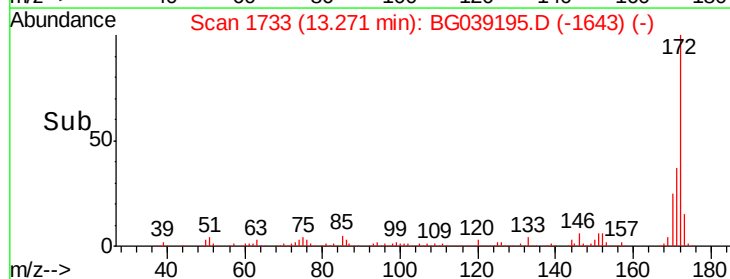
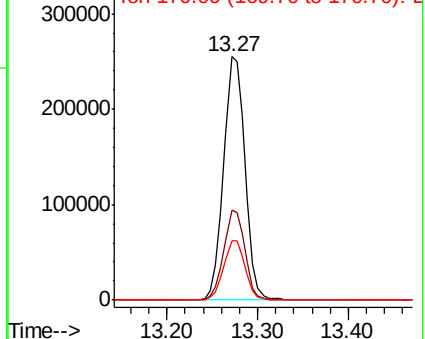
172 100

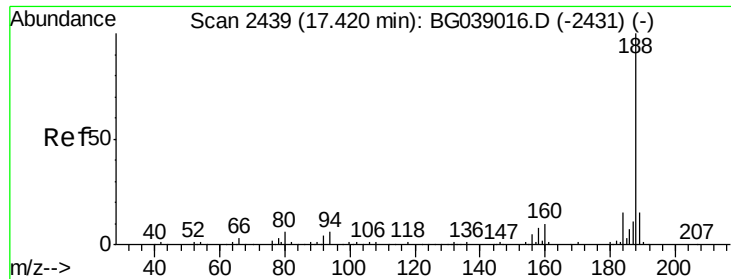
171 36.7 29.4 44.0

170 24.5 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

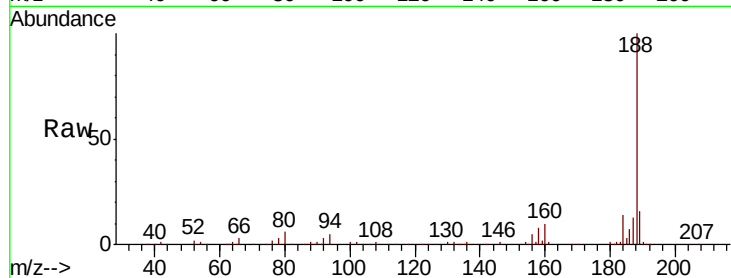




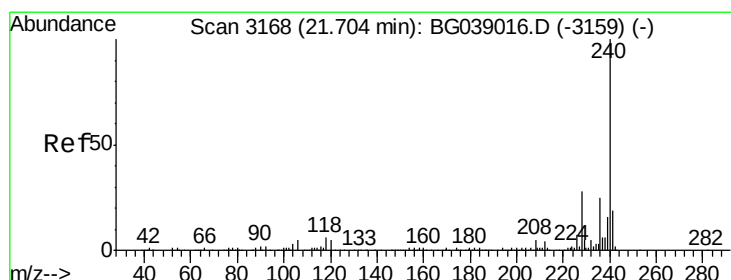
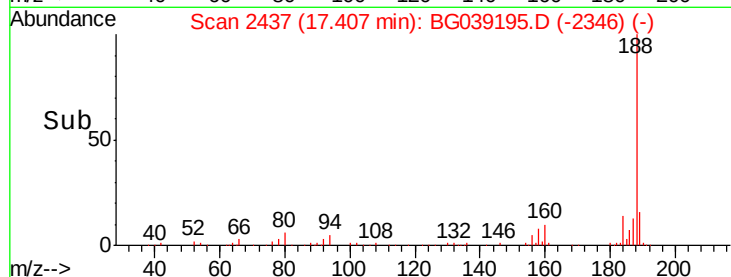
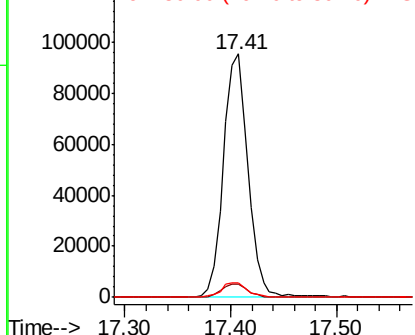
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2437
Delta R.T. 0.00 min
Lab File: BG039195.D
Acq: 17 Jan 2019 20:36

Instrument :
BNA_G
ClientSampleId :
PB116454TB

Tot Ion:188 Resp: 154166
Ion Ratio Lower Upper
188 100
94 5.2 5.0 7.4
80 6.1 4.7 7.1

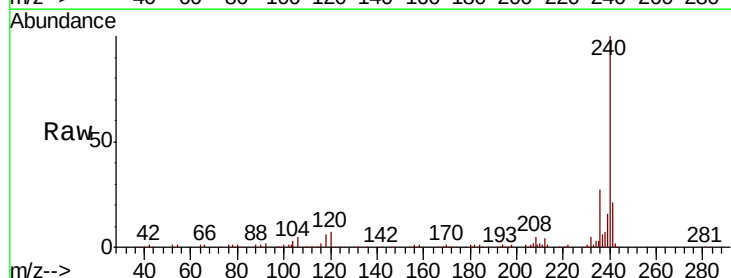


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

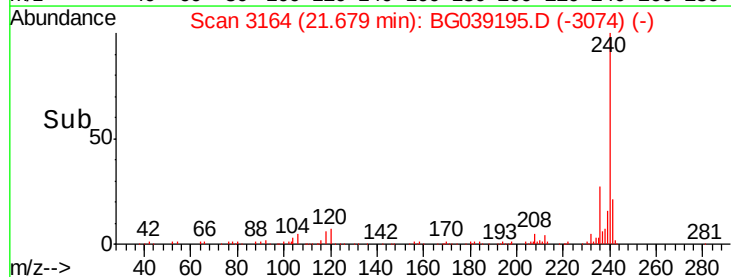
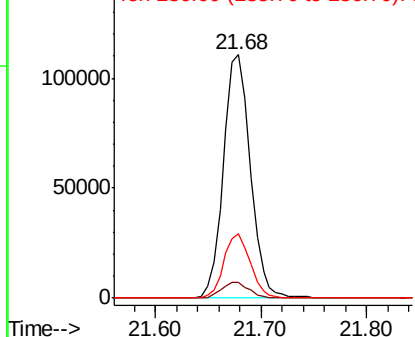


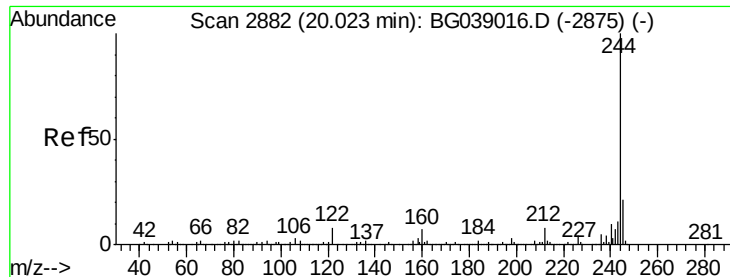
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3164
Delta R.T. -0.00 min
Lab File: BG039195.D
Acq: 17 Jan 2019 20:36

Tgt Ion:240 Resp: 195940
Ion Ratio Lower Upper
240 100
120 6.5 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: 87.330 ng

RT: 20.01 min Scan# 2880

Delta R.T. 0.00 min

Lab File: BG039195.D

Acq: 17 Jan 2019 20:36

Instrument :

BNA_G

ClientSampleId :

PB116454TB

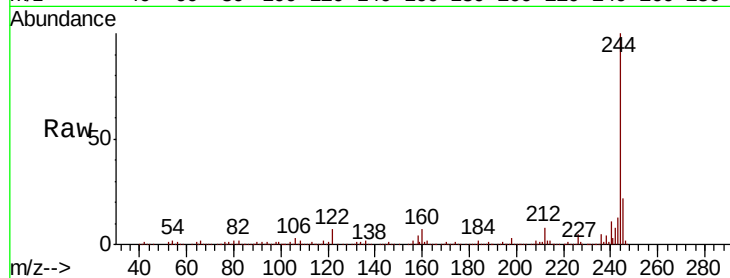
Tot Ion:244 Resp: 925001

Ion Ratio Lower Upper

244 100

212 7.6 6.1 9.1

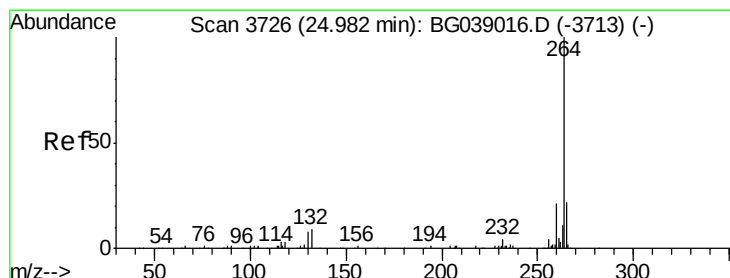
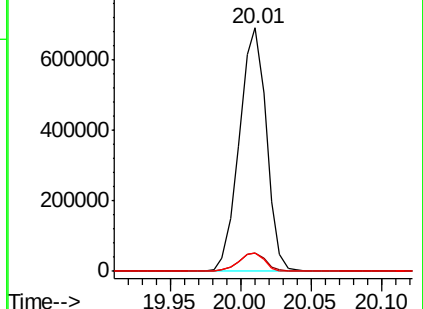
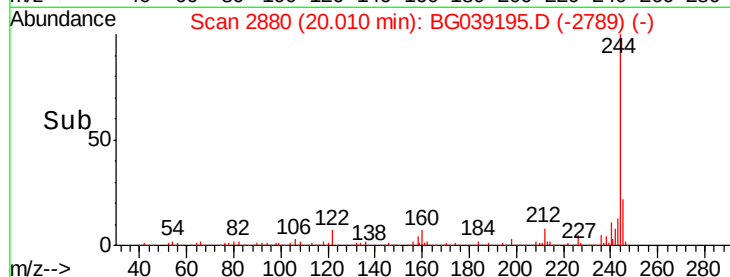
122 7.5 6.1 9.1



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.94 min Scan# 3719

Delta R.T. -0.01 min

Lab File: BG039195.D

Acq: 17 Jan 2019 20:36

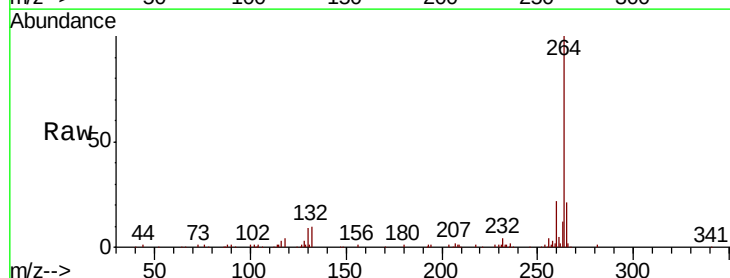
Tgt Ion:264 Resp: 210344

Ion Ratio Lower Upper

264 100

260 22.4 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

