

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010919\
 Data File : BG039026.D
 Acq On : 9 Jan 2019 18:31
 Operator : JU/SJ
 Sample : PB116250BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB116250BL

Quant Time: Jan 10 04:40:23 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	18005	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	71261	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	52871	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	152184	20.00	ng	0.00
76) Chrysene-d12	21.69	240	185191	20.00	ng	0.00
87) Perylene-d12	24.98	264	189365	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	114873	121.03	ng	0.00
7) Phenol-d6	7.19	99	156976	114.92	ng	0.00
23) Nitrobenzene-d5	9.21	82	93449	71.76	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	95378	107.62	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	277629	71.86	ng	0.00
79) Terphenyl-d14	20.02	244	706564	70.58	ng	0.00

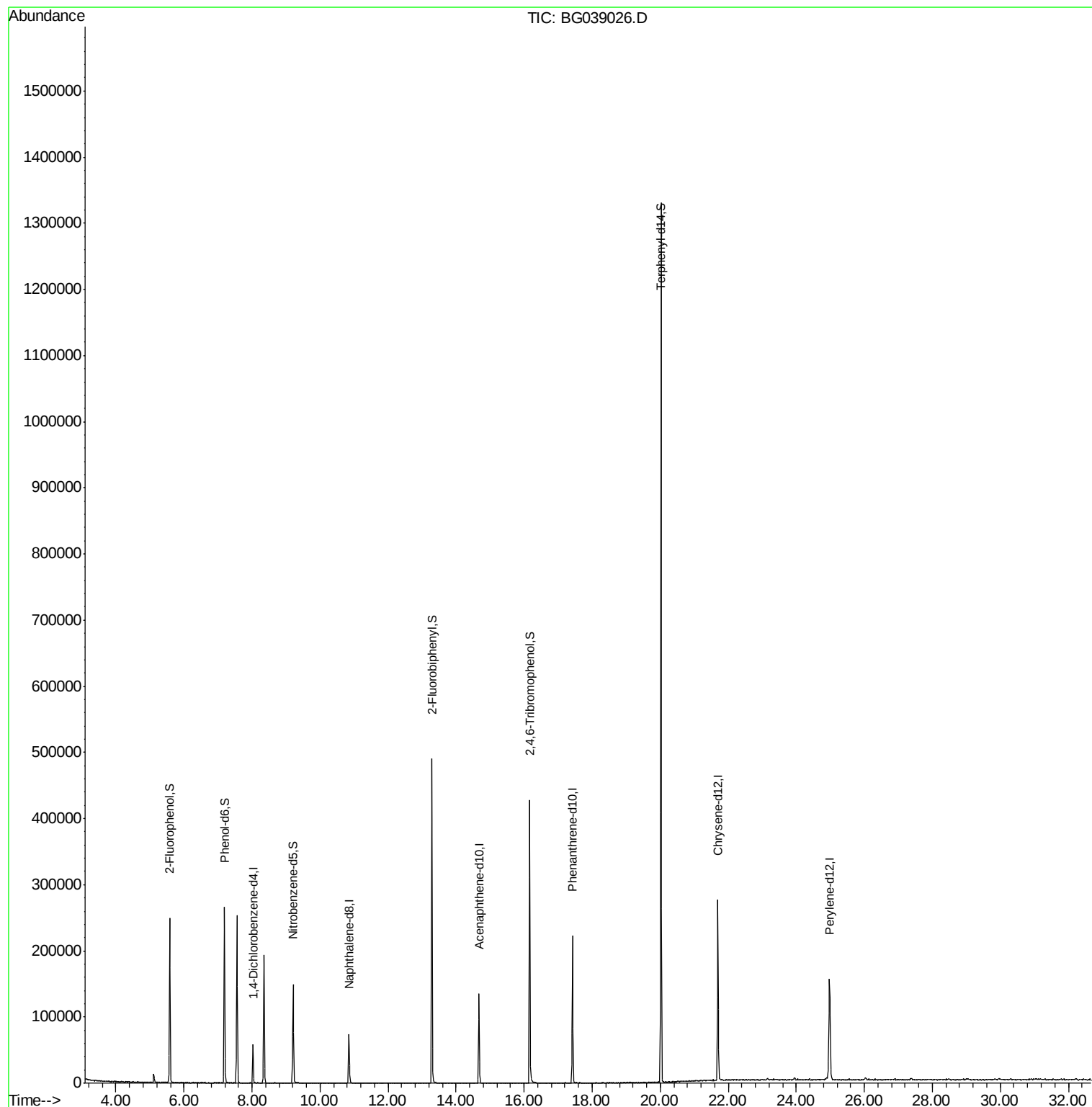
Target Compounds Qvalue

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

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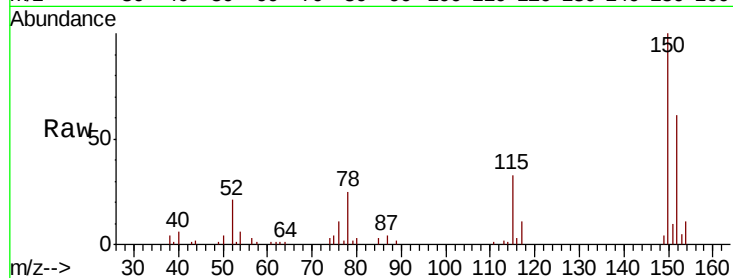


#1

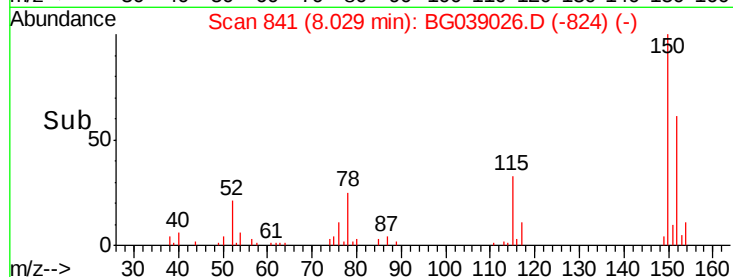
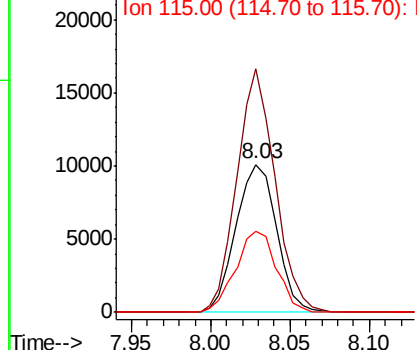
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.00 min
Lab File: BG039026.D
Acq: 9 Jan 2019 18:31

Instrument :
BNA_G
ClientSampleId :
PB116250BL

Tot Ion:152 Resp: 18005
Ion Ratio Lower Upper
152 100
150 164.4 124.7 187.1
115 54.9 46.5 69.7



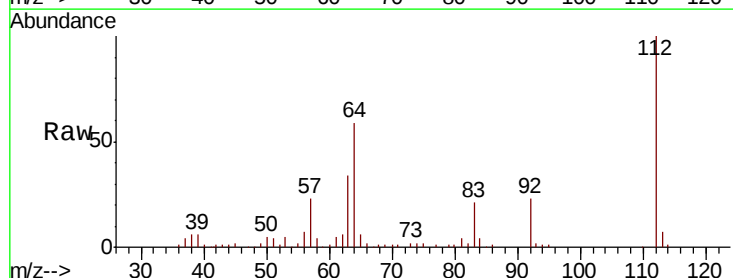
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



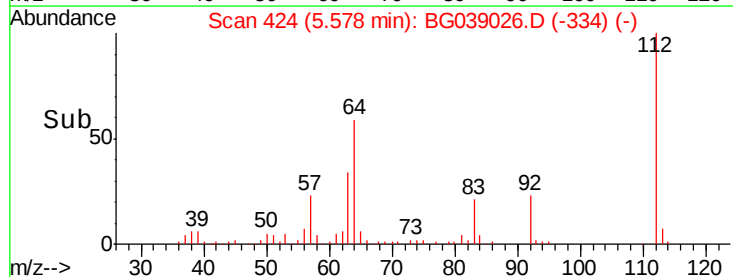
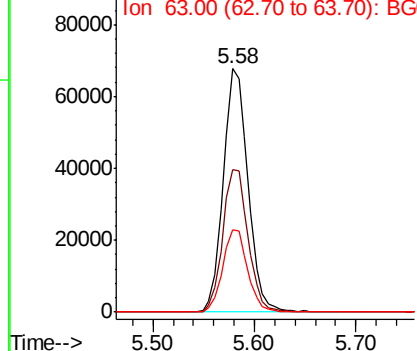
#5

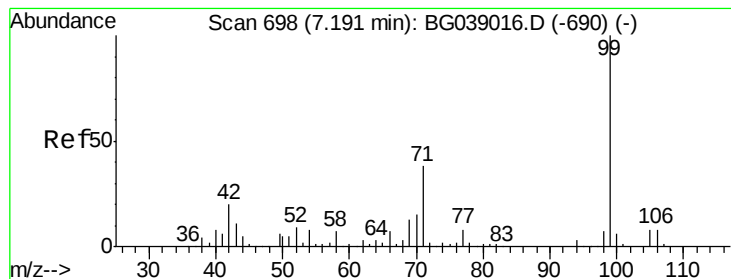
2-Fluorophenol
Concen: 121.029 ng
RT: 5.58 min Scan# 424
Delta R.T. -0.00 min
Lab File: BG039026.D
Acq: 9 Jan 2019 18:31

Tgt Ion:112 Resp: 114873
Ion Ratio Lower Upper
112 100
64 58.7 47.0 70.6
63 33.8 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: 114.922 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.00 min

Lab File: BG039026.D

Acq: 9 Jan 2019 18:31

Instrument :

BNA_G

ClientSampleId :

PB116250BL

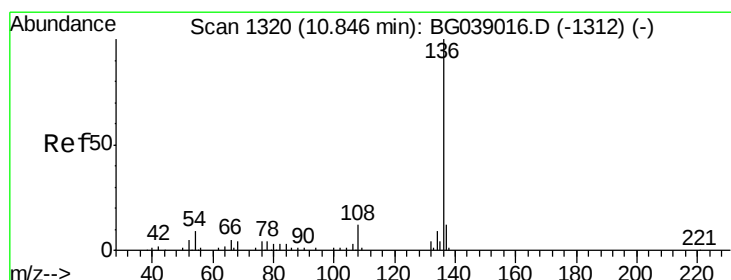
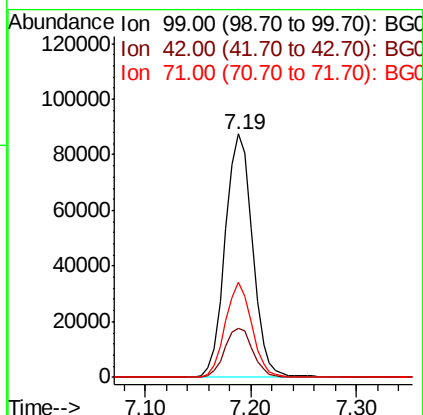
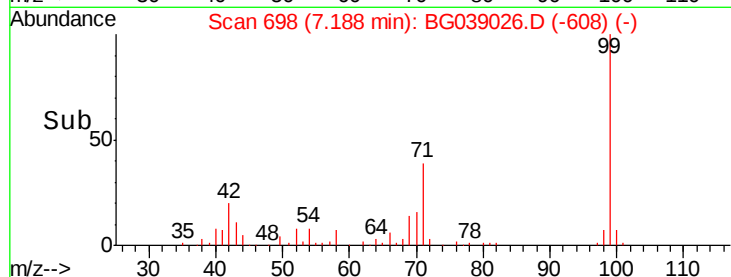
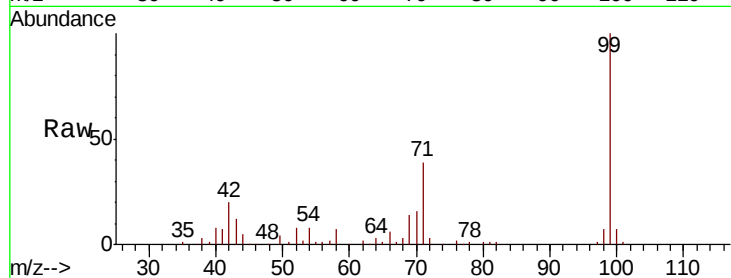
Tot Ion: 99 Resp: 156976

Ion Ratio Lower Upper

99 100

42 20.1 15.8 23.6

71 39.1 30.2 45.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.85 min Scan# 1321

Delta R.T. 0.00 min

Lab File: BG039026.D

Acq: 9 Jan 2019 18:31

Tgt Ion: 136 Resp: 71261

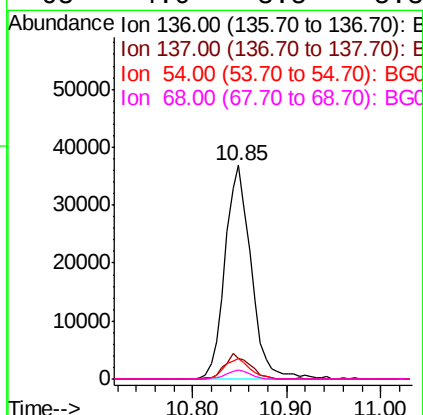
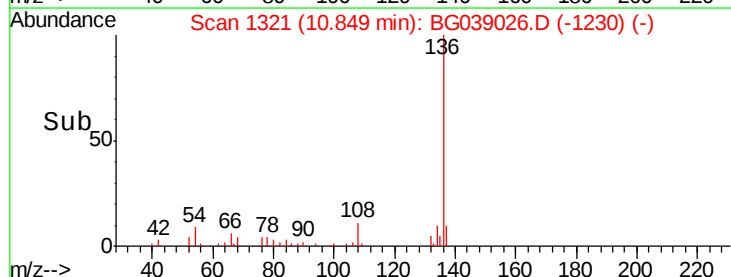
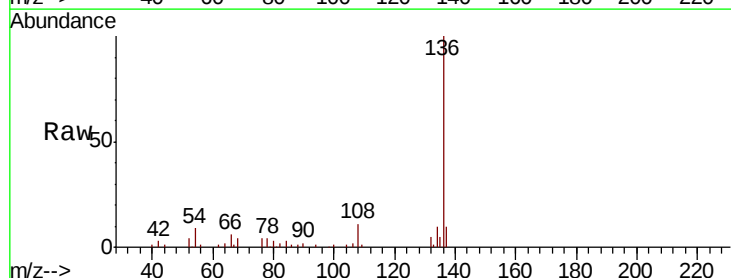
Ion Ratio Lower Upper

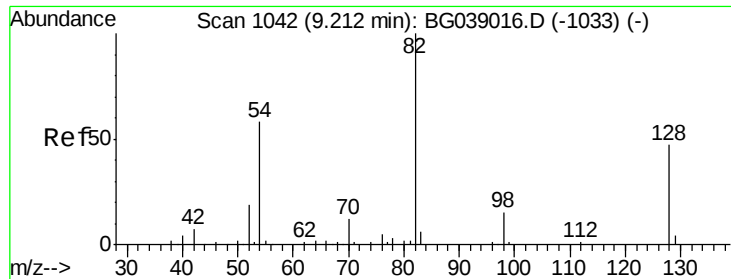
136 100

137 9.7 9.4 14.2

54 9.4 7.2 10.8

68 4.0 3.5 5.3

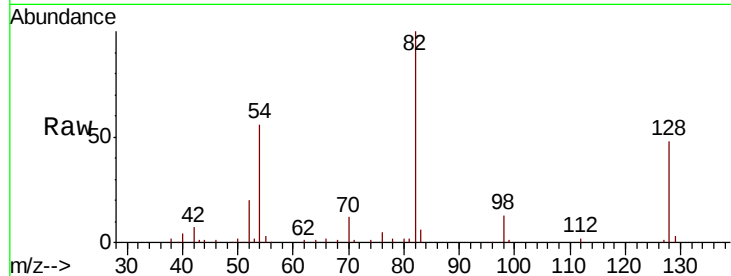




#23
Nitrobenzene-d5
Concen: 71.757 ng
RT: 9.21 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BG039026.D
Acq: 9 Jan 2019 18:31

Instrument :
BNA_G
ClientSampleId :
PB116250BL

Tot Ion	82	Resp	93449
Ion Ratio	100	Lower	Upper
128	48.0	37.3	55.9
54	55.5	46.4	69.6

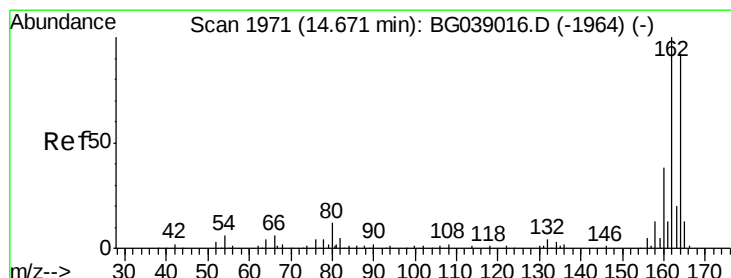
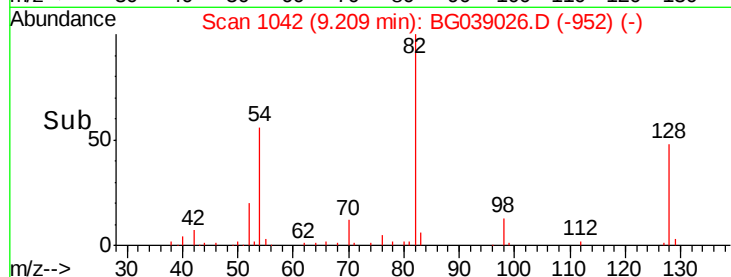
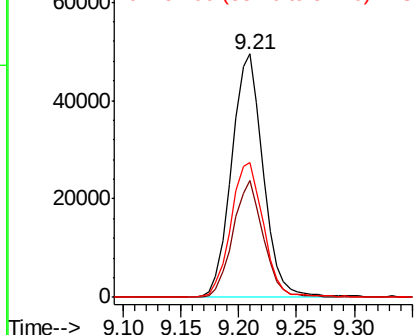


Abundance

Ion 82.00 (81.70 to 82.70): BGC

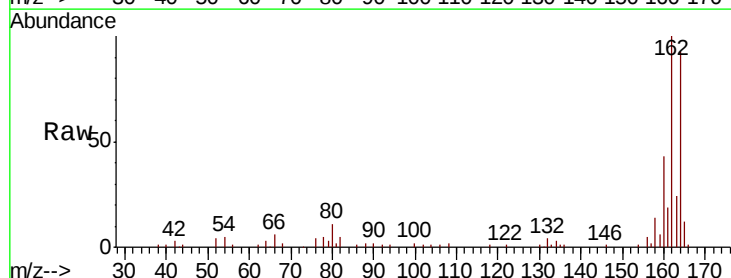
Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1972
Delta R.T. 0.00 min
Lab File: BG039026.D
Acq: 9 Jan 2019 18:31

Tgt Ion	164	Resp	52871
Ion Ratio	100	Lower	Upper
162	107.0	87.2	130.8
160	46.4	33.3	49.9

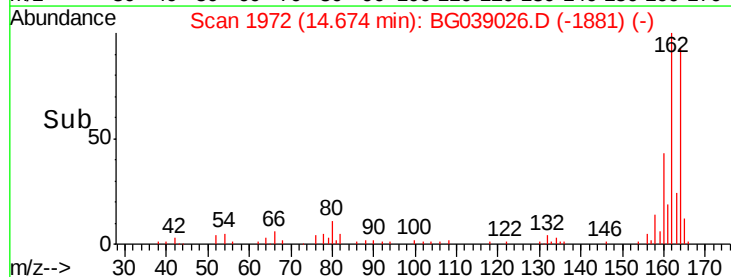
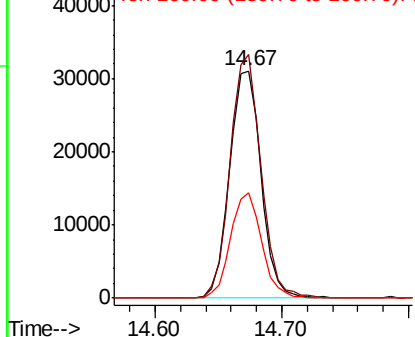


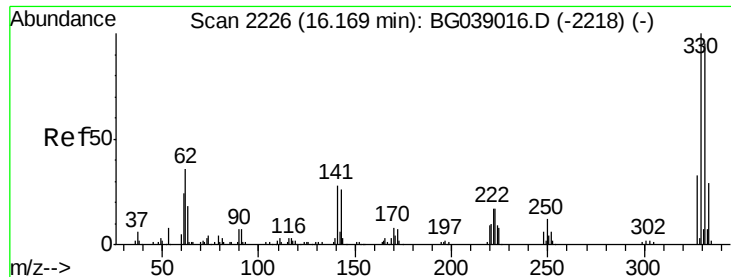
Abundance

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

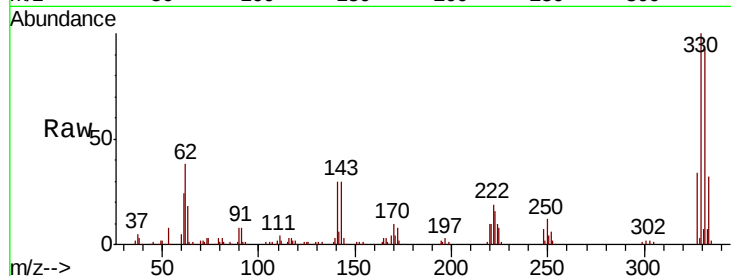




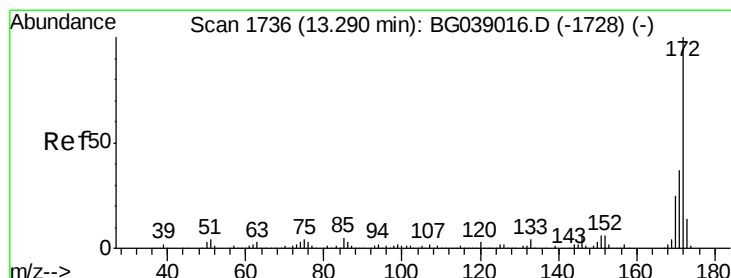
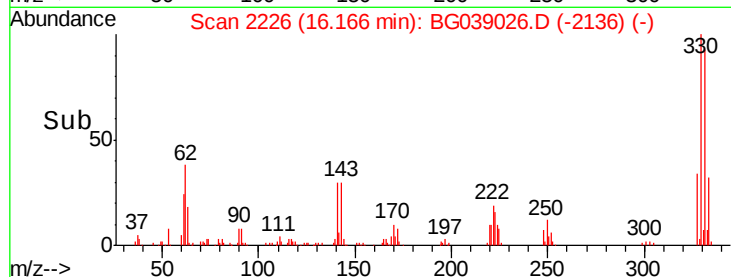
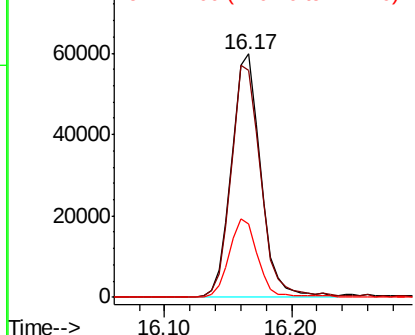
#42
 2,4,6-Tribromophenol
 Concen: 107.618 ng
 RT: 16.17 min Scan# 2226
 Delta R.T. -0.00 min
 Lab File: BG039026.D
 Acq: 9 Jan 2019 18:31

Instrument :
 BNA_G
 ClientSampleId :
 PB116250BL

Tot Ion:330 Resp: 95378
 Ion Ratio Lower Upper
 330 100
 332 96.6 75.7 113.5
 141 31.8 24.9 37.3

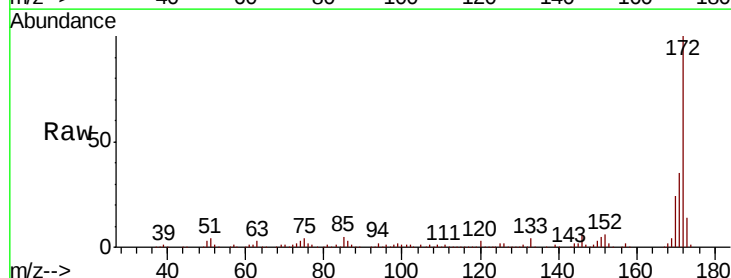


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

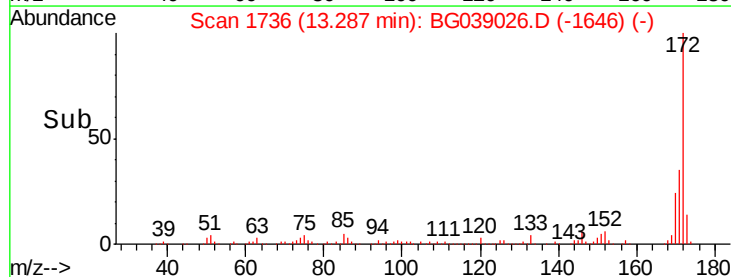
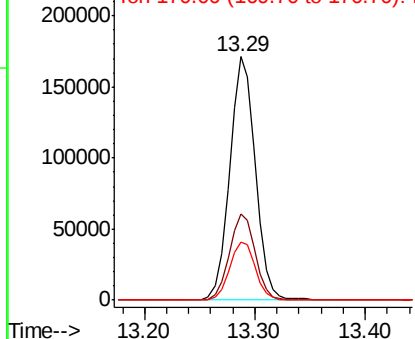


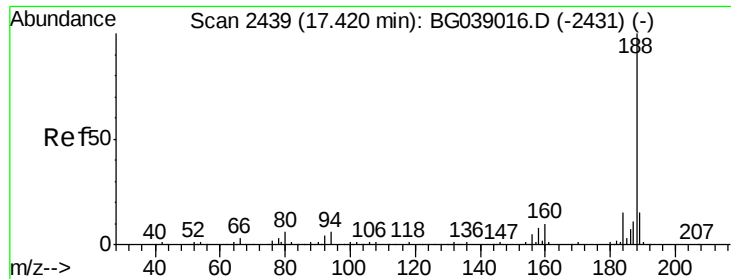
#45
 2-Fluorobiphenyl
 Concen: 71.864 ng
 RT: 13.29 min Scan# 1736
 Delta R.T. -0.00 min
 Lab File: BG039026.D
 Acq: 9 Jan 2019 18:31

Tgt Ion:172 Resp: 277629
 Ion Ratio Lower Upper
 172 100
 171 35.4 29.4 44.0
 170 24.1 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: 17.42 min Scan# 2440

Delta R.T. 0.00 min

Lab File: BG039026.D

Acq: 9 Jan 2019 18:31

Instrument :

BNA_G

ClientSampleId :

PB116250BL

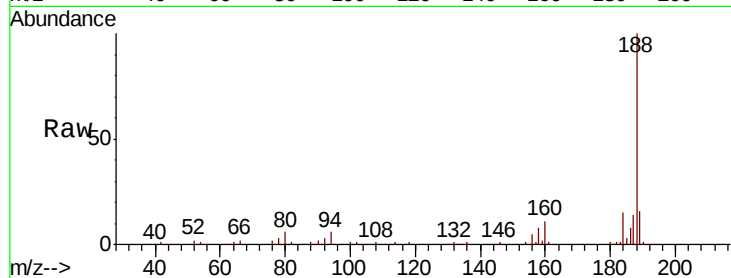
Tot Ion:188 Resp: 152184

Ion Ratio Lower Upper

188 100

94 5.9 5.0 7.4

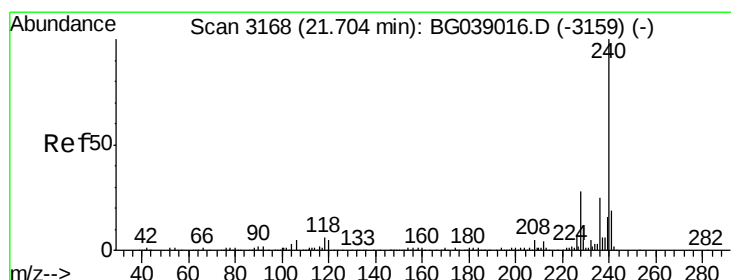
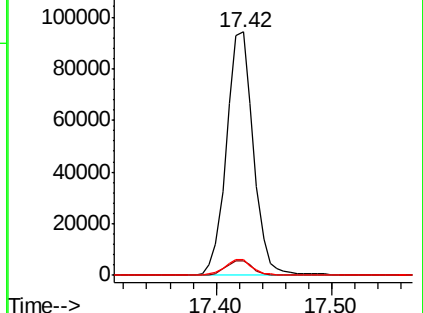
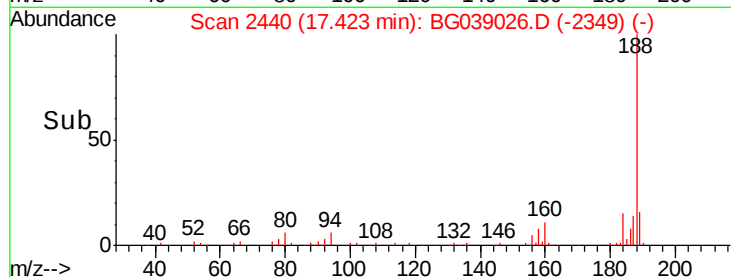
80 6.4 4.7 7.1



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# 3167

Delta R.T. -0.01 min

Lab File: BG039026.D

Acq: 9 Jan 2019 18:31

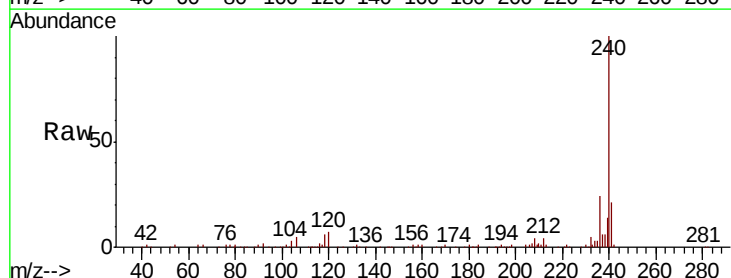
Tgt Ion:240 Resp: 185191

Ion Ratio Lower Upper

240 100

120 6.9 4.3 6.5#

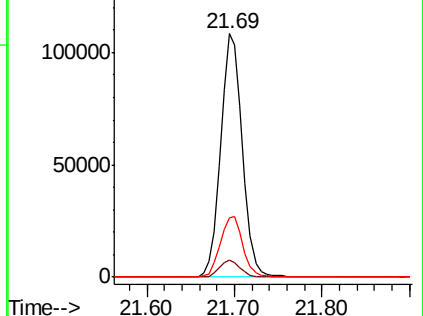
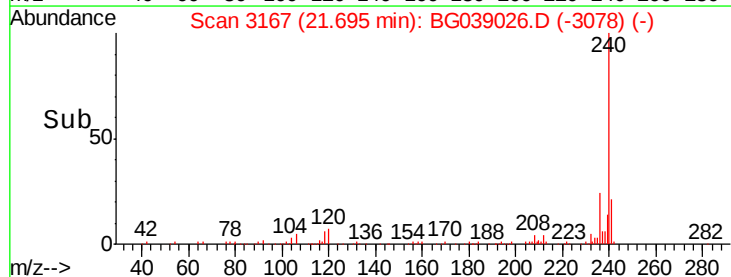
236 24.3 20.1 30.1

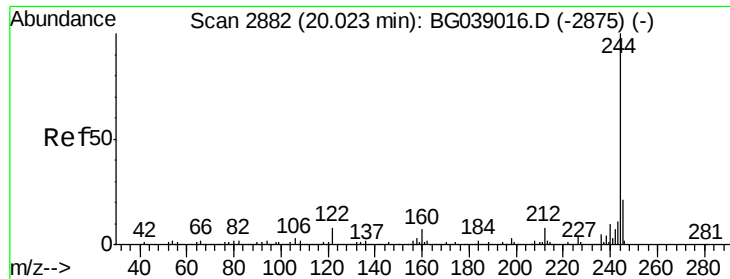


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 70.579 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.00 min

Lab File: BG039026.D

Acq: 9 Jan 2019 18:31

Instrument :

BNA_G

ClientSampleId :

PB116250BL

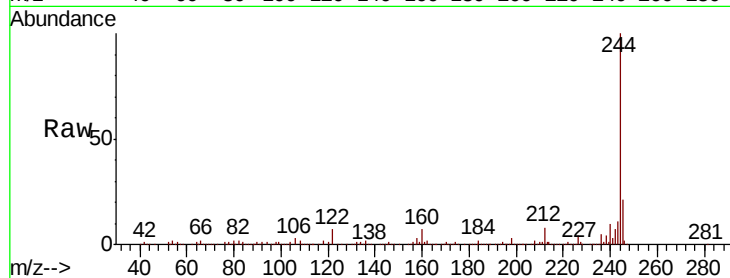
Tot Ion:244 Resp: 706564

Ion Ratio Lower Upper

244 100

212 7.7 6.1 9.1

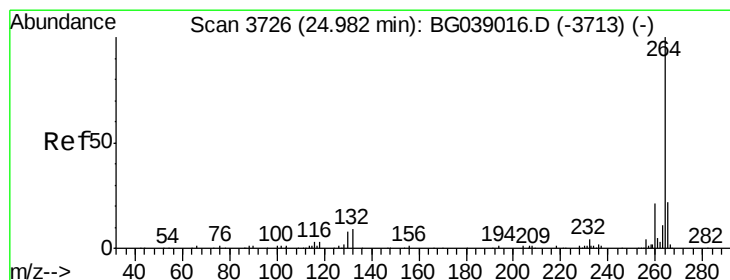
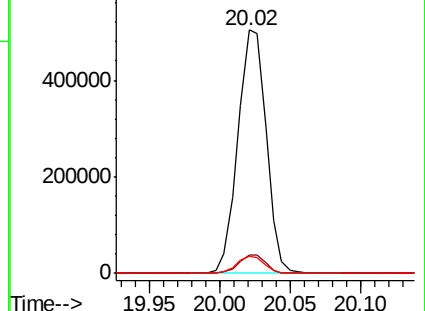
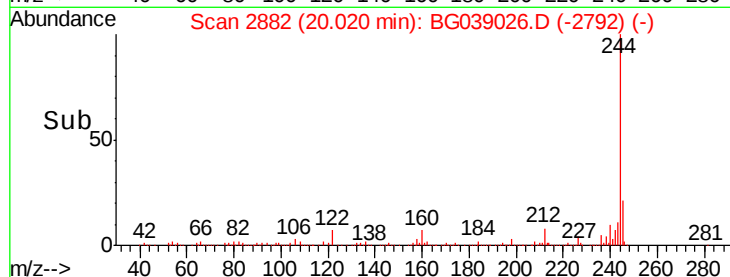
122 7.1 6.1 9.1



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: 24.98 min Scan# 3726

Delta R.T. -0.00 min

Lab File: BG039026.D

Acq: 9 Jan 2019 18:31

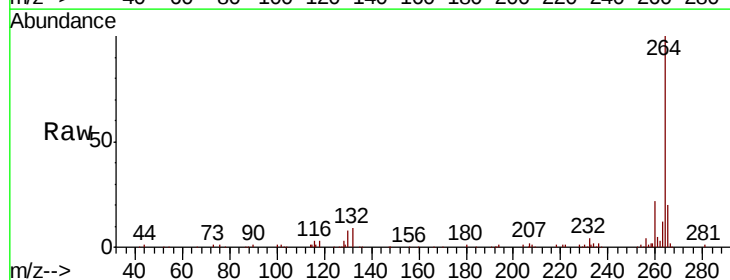
Tgt Ion:264 Resp: 189365

Ion Ratio Lower Upper

264 100

260 22.5 17.0 25.6

265 20.4 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

