

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121518\
 Data File : BG038601.D
 Acq On : 15 Dec 2018 12:53
 Operator : JU/SJ
 Sample : PB115709BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB115709BL

Quant Time: Dec 16 03:53:17 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	22376	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	88077	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	58038	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	149151	20.00	ng	0.00
76) Chrysene-d12	21.72	240	168550	20.00	ng	0.00
87) Perylene-d12	25.02	264	176218	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	149841	118.77	ng	0.00
7) Phenol-d6	7.21	99	200720	115.90	ng	0.00
23) Nitrobenzene-d5	9.23	82	129769	75.27	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	87484	109.37	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	314113	74.25	ng	0.00
79) Terphenyl-d14	20.04	244	650773	84.03	ng	0.00

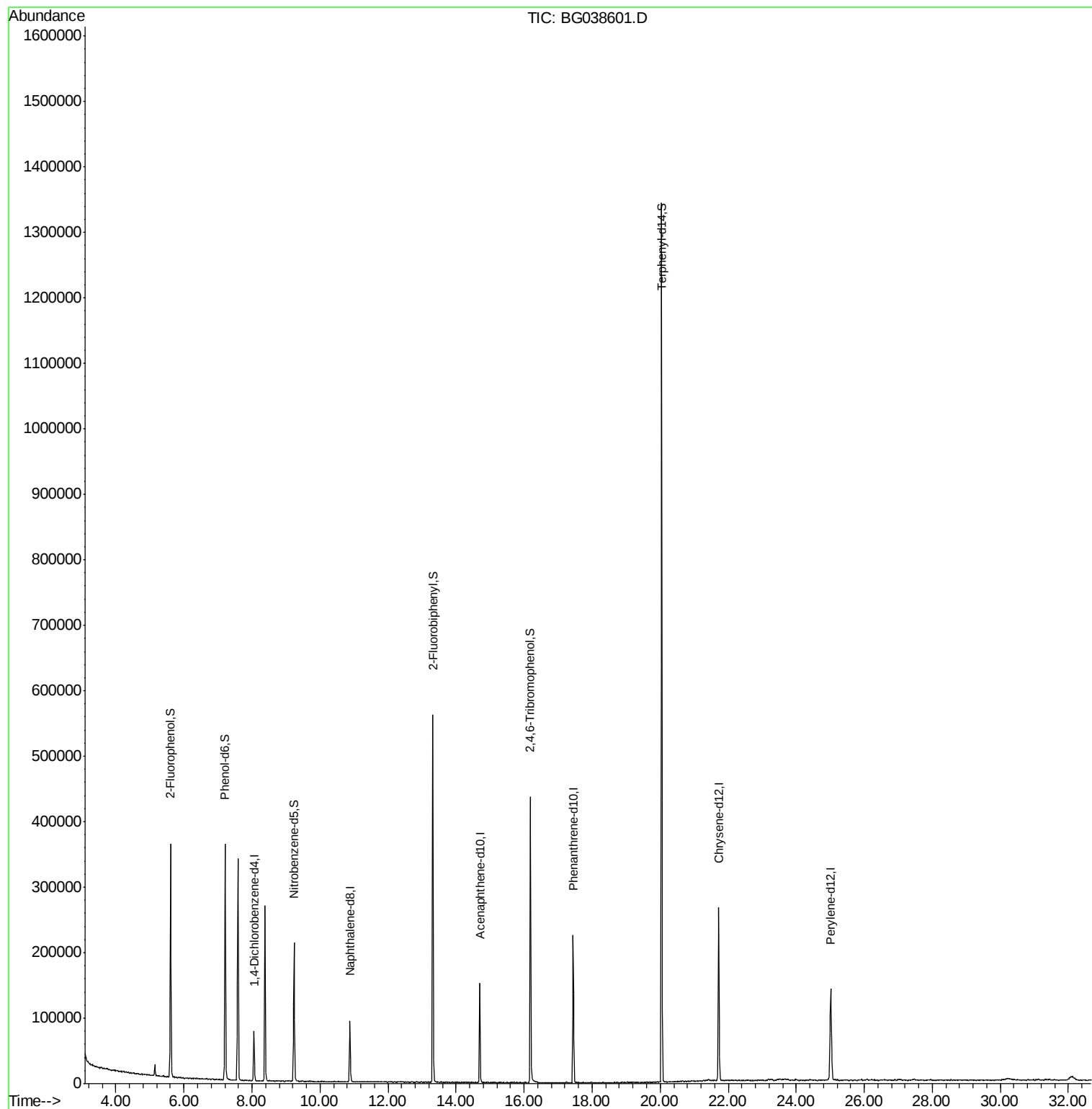
Target Compounds Qvalue

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

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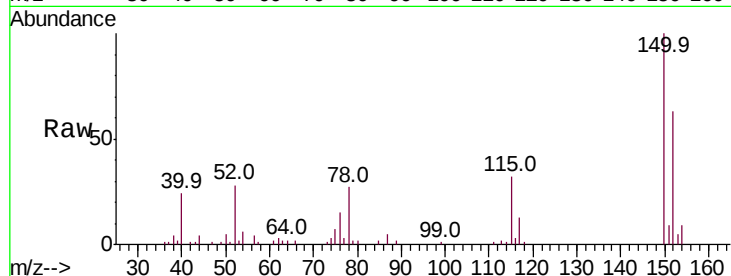


#1

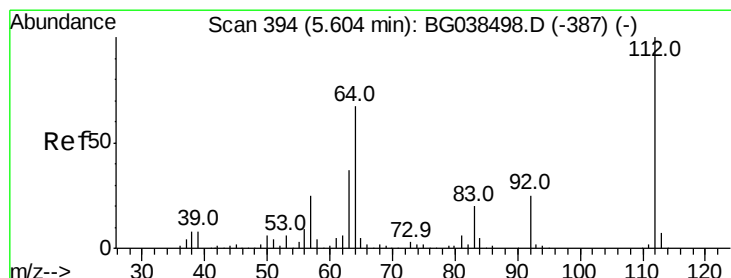
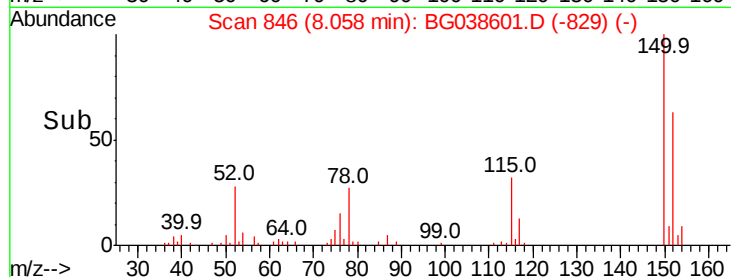
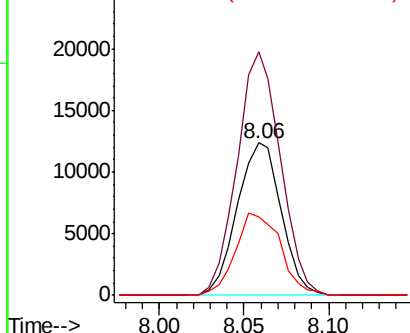
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. -0.00 min
Lab File: BG038601.D
Acq: 15 Dec 2018 12:53

Instrument :
BNA_G
ClientSampleId :
PB115709BL

Tot Ion:152 Resp: 22376
Ion Ratio Lower Upper
152 100
150 159.9 119.5 179.3
115 51.5 49.6 74.4



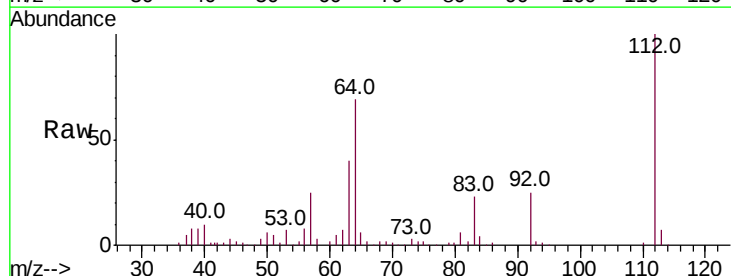
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



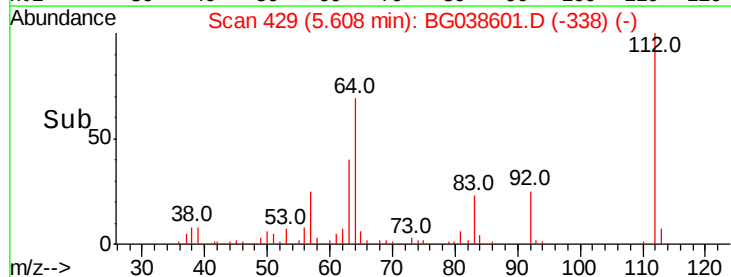
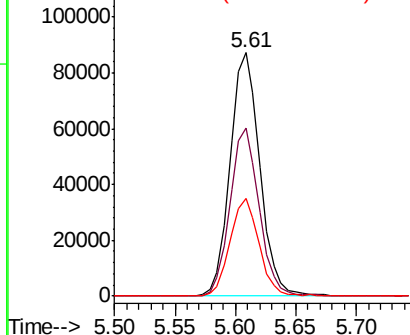
#5

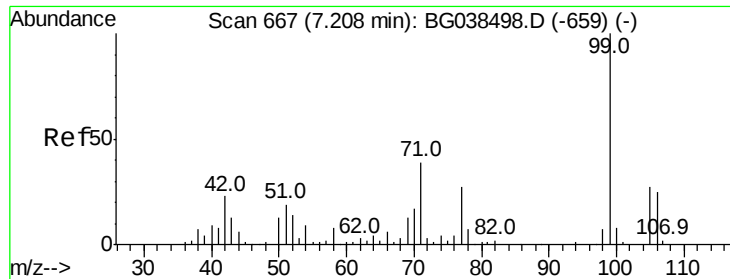
2-Fluorophenol
Concen: 118.773 ng
RT: 5.61 min Scan# 429
Delta R.T. 0.01 min
Lab File: BG038601.D
Acq: 15 Dec 2018 12:53

Tgt Ion:112 Resp: 149841
Ion Ratio Lower Upper
112 100
64 69.2 53.4 80.2
63 40.0 29.3 43.9



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: 115.896 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.00 min

Lab File: BG038601.D

Acq: 15 Dec 2018 12:53

Instrument :

BNA_G

ClientSampleId :

PB115709BL

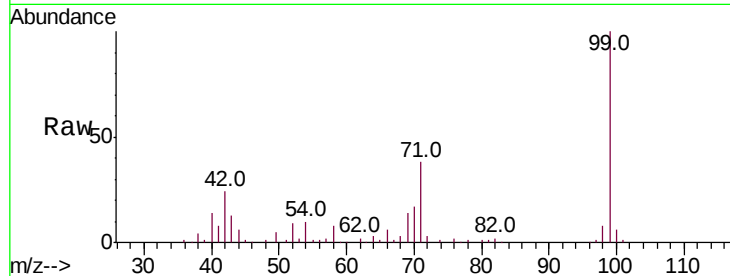
Tot Ion: 99 Resp: 200720

Ion Ratio Lower Upper

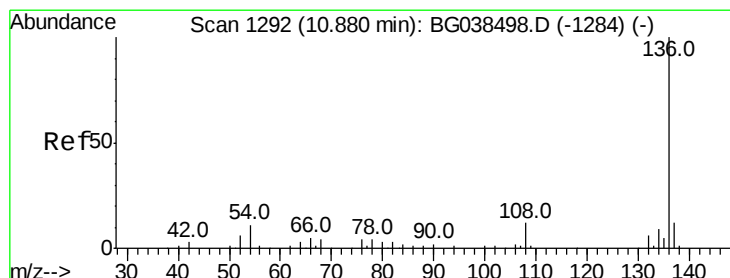
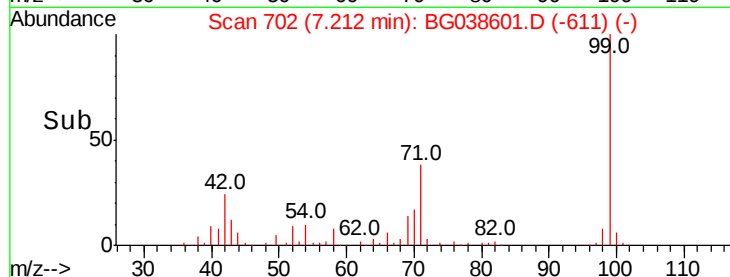
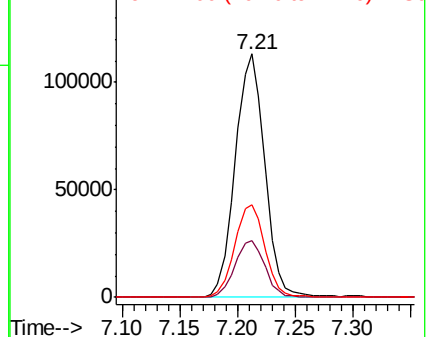
99 100

42 23.5 18.5 27.7

71 37.8 31.1 46.7



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: 10.87 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BG038601.D

Acq: 15 Dec 2018 12:53

Tgt Ion: 136 Resp: 88077

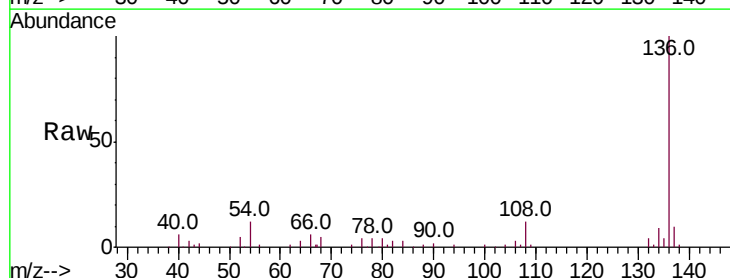
Ion Ratio Lower Upper

136 100

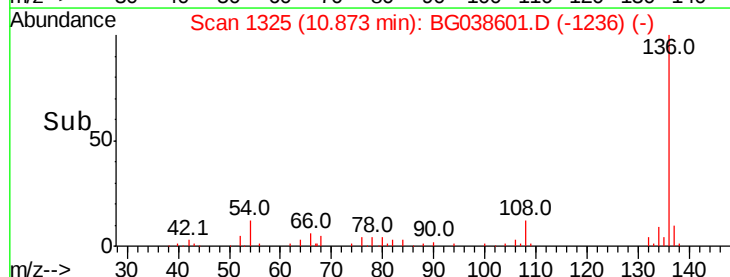
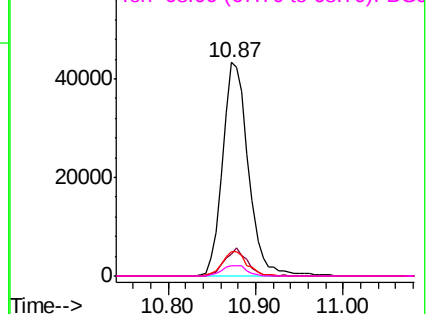
137 10.4 9.3 13.9

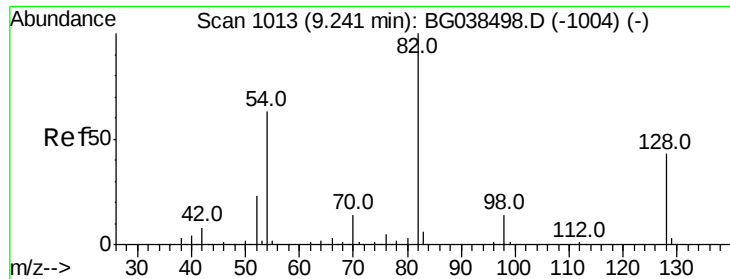
54 11.6 8.5 12.7

68 4.5 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

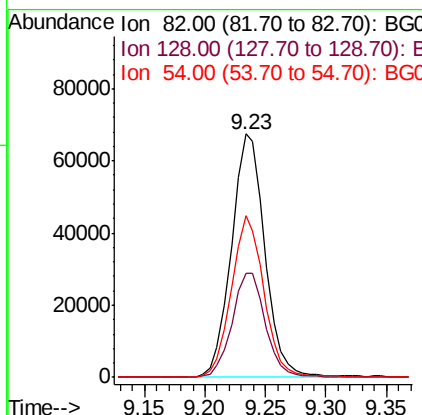
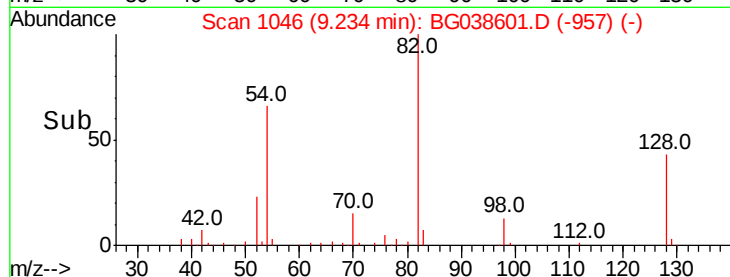
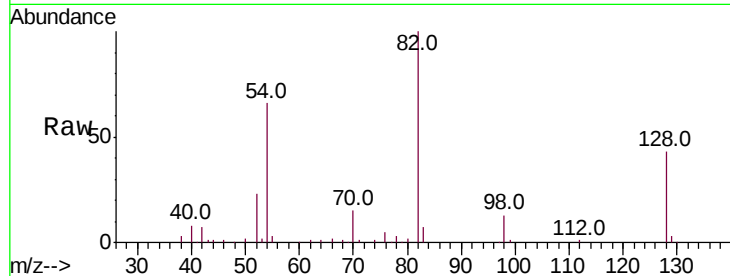




#23
 Nitrobenzene-d5
 Concen: 75.270 ng
 RT: 9.23 min Scan# 1046
 Delta R.T. -0.01 min
 Lab File: BG038601.D
 Acq: 15 Dec 2018 12:53

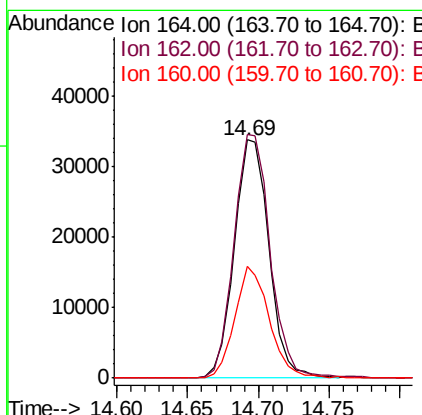
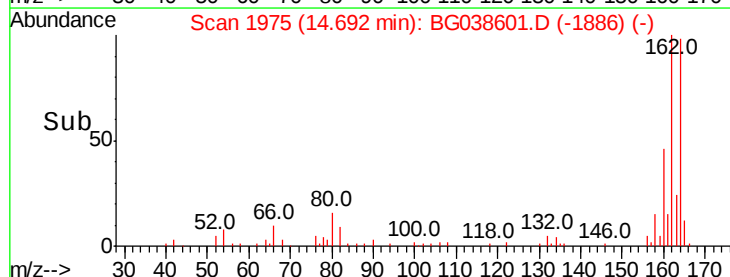
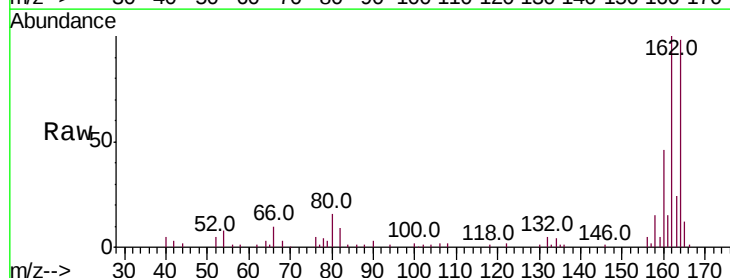
Instrument :
 BNA_G
 ClientSampleId :
 PB115709BL

Tot Ion: 82 Resp: 129769
 Ion Ratio Lower Upper
 82 100
 128 42.7 34.6 52.0
 54 66.2 50.6 76.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.69 min Scan# 1975
 Delta R.T. -0.01 min
 Lab File: BG038601.D
 Acq: 15 Dec 2018 12:53

Tgt Ion:164 Resp: 58038
 Ion Ratio Lower Upper
 164 100
 162 102.1 86.6 130.0
 160 46.8 34.2 51.2

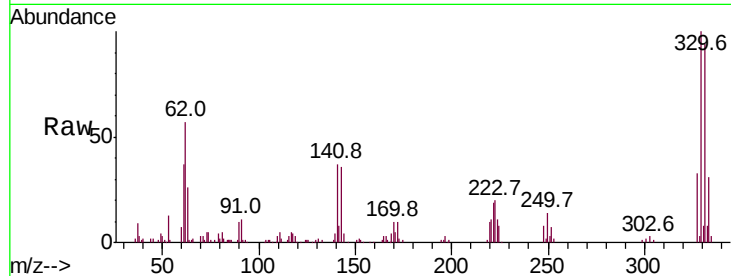




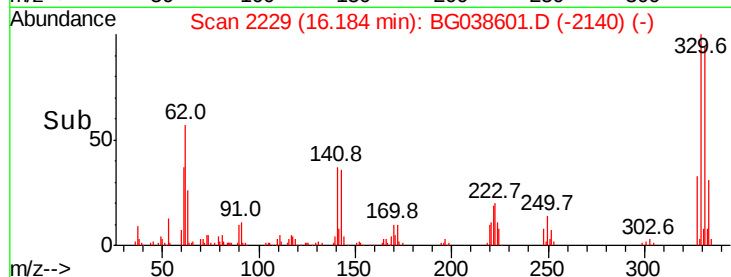
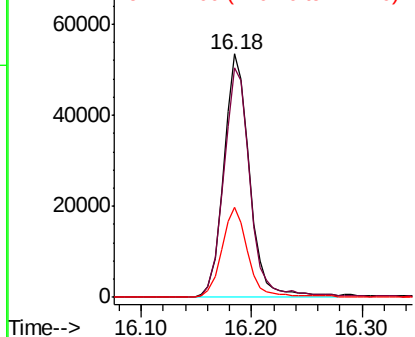
#42
 2,4,6-Tribromophenol
 Concen: 109.373 ng
 RT: 16.18 min Scan# 2229
 Delta R.T. -0.01 min
 Lab File: BG038601.D
 Acq: 15 Dec 2018 12:53

Instrument :
 BNA_G
 ClientSampleId :
 PB115709BL

Tot Ion:330 Resp: 87484
 Ion Ratio Lower Upper
 330 100
 332 97.2 76.9 115.3
 141 37.1 28.8 43.2

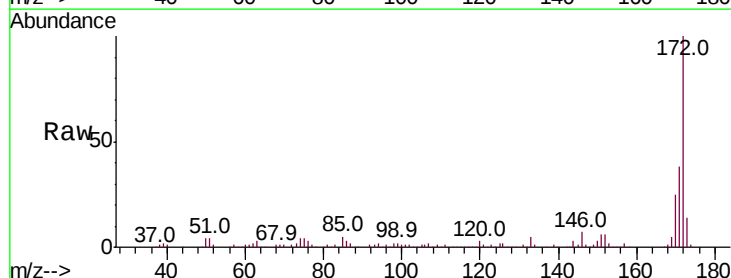


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

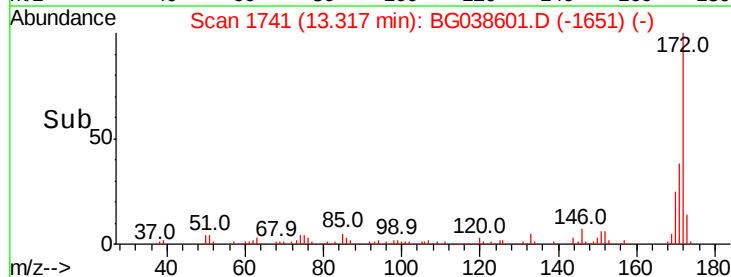
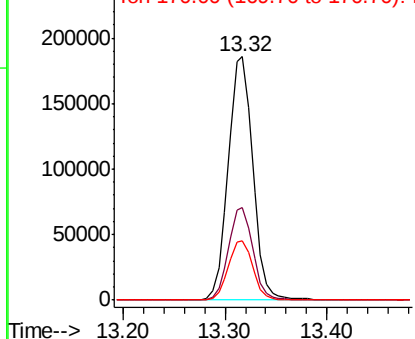


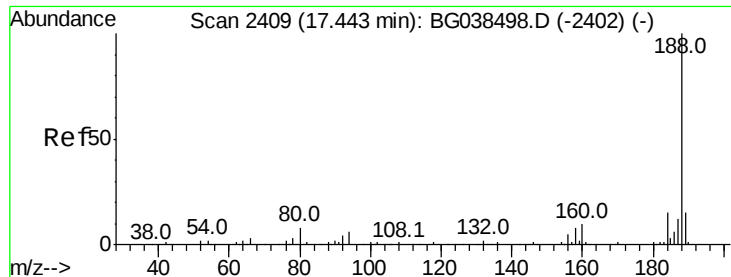
#45
 2-Fluorobiphenyl
 Concen: 74.247 ng
 RT: 13.32 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: BG038601.D
 Acq: 15 Dec 2018 12:53

Tgt Ion:172 Resp: 314113
 Ion Ratio Lower Upper
 172 100
 171 38.2 29.8 44.6
 170 24.6 19.5 29.3



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

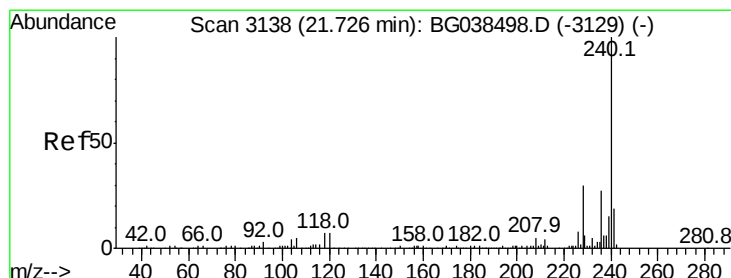
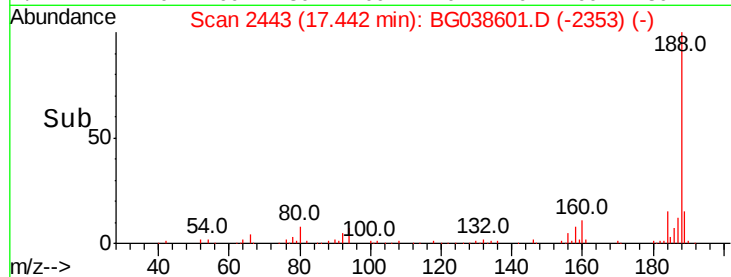
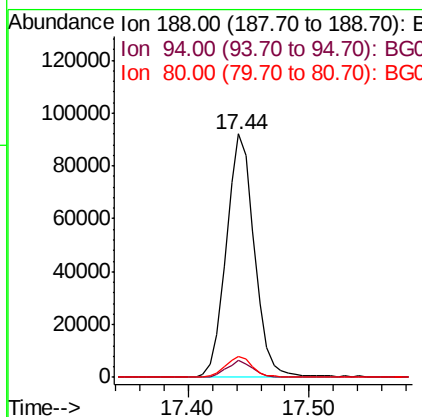
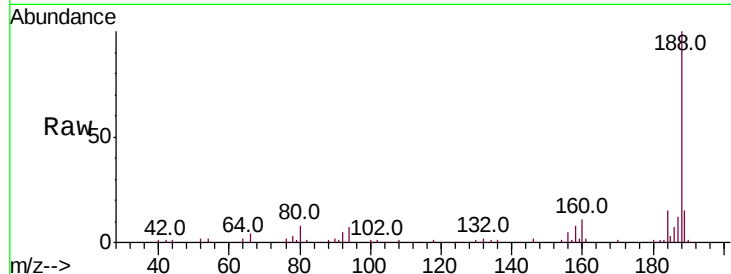




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.44 min Scan# 2443
 Delta R.T. -0.00 min
 Lab File: BG038601.D
 Acq: 15 Dec 2018 12:53

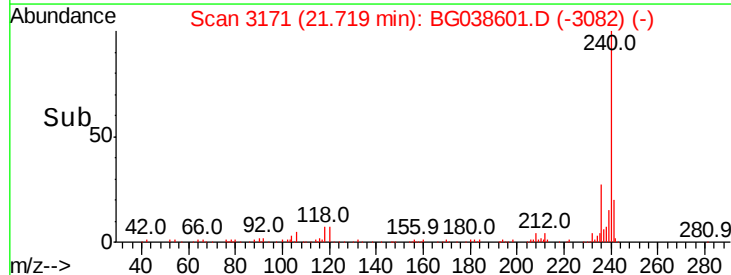
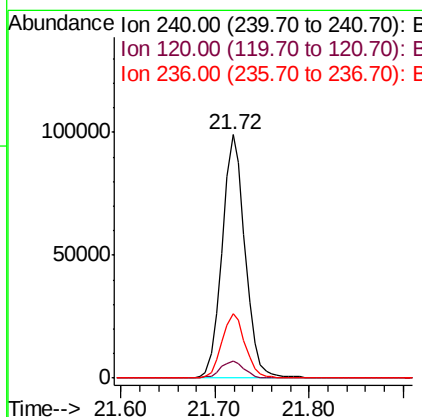
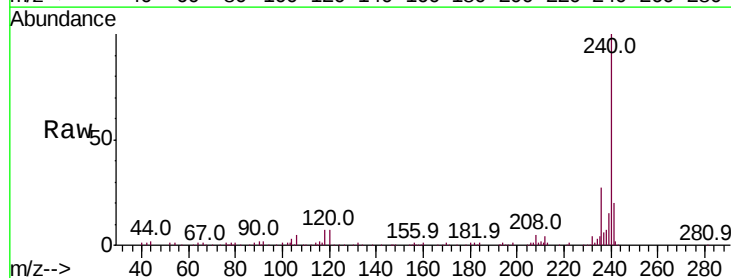
Instrument :
 BNA_G
 ClientSampleId :
 PB115709BL

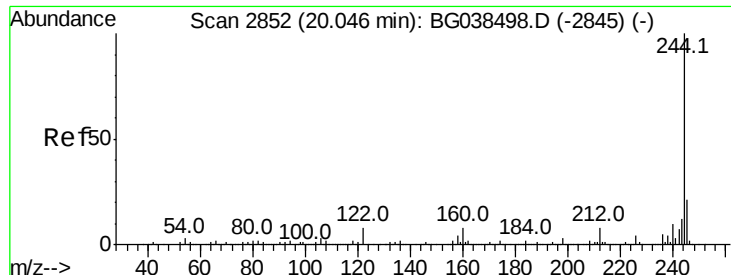
Tot Ion	Ratio	Lower	Upper
188	100		
94	7.0	5.1	7.7
80	8.4	6.1	9.1



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.72 min Scan# 3171
 Delta R.T. -0.01 min
 Lab File: BG038601.D
 Acq: 15 Dec 2018 12:53

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.8	5.3	7.9
236	26.6	21.4	32.2





#79

Terphenyl-d14

Concen: 84.028 ng

RT: 20.04 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG038601.D

Acq: 15 Dec 2018 12:53

Instrument :

BNA_G

ClientSampleId :

PB115709BL

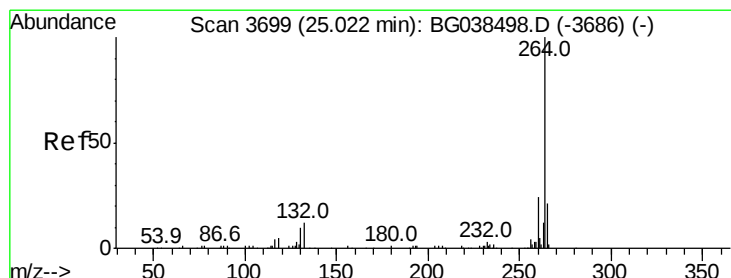
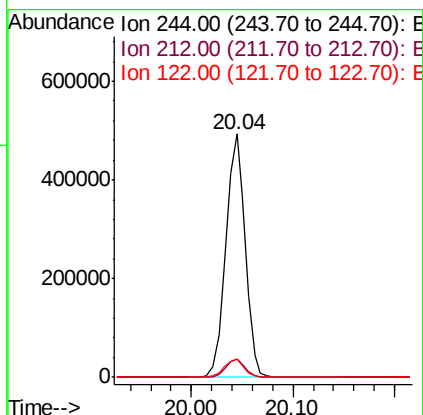
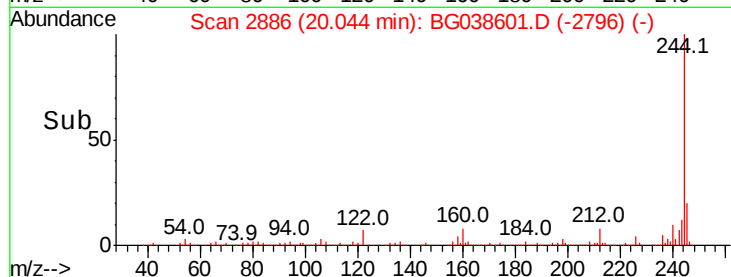
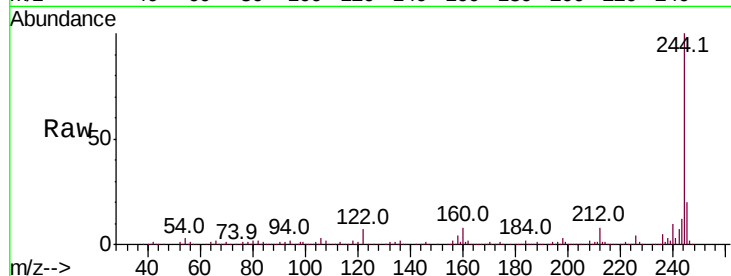
Tot Ion:244 Resp: 650773

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

122 7.4 6.3 9.5



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.02 min Scan# 3732

Delta R.T. -0.01 min

Lab File: BG038601.D

Acq: 15 Dec 2018 12:53

Tgt Ion:264 Resp: 176218

Ion Ratio Lower Upper

264 100

260 22.4 18.9 28.3

265 20.6 17.0 25.4

