

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010719\
 Data File : BG038984.D
 Acq On : 8 Jan 2019 2:22
 Operator : JU/SJ
 Sample : PB116227TB
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB116227TB

Quant Time: Jan 08 06:53:56 2019
 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	8.05	152	26147	20.00	ng	-0.01
21) Naphthalene-d8	10.86	136	102712	20.00	ng	-0.02
39) Acenaphthene-d10	14.68	164	70112	20.00	ng	-0.02
64) Phenanthrene-d10	17.43	188	170240	20.00	ng	-0.01
76) Chrysene-d12	21.71	240	173396	20.00	ng	-0.02
87) Perylene-d12	25.00	264	180192	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	192321	130.46	ng	0.00
7) Phenol-d6	7.21	99	261636	129.28	ng	0.00
23) Nitrobenzene-d5	9.22	82	156395	77.79	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	138743	143.59	ng	-0.02
45) 2-Fluorobiphenyl	13.30	172	441895	86.46	ng	-0.02
79) Terphenyl-d14	20.03	244	793329	99.57	ng	-0.01

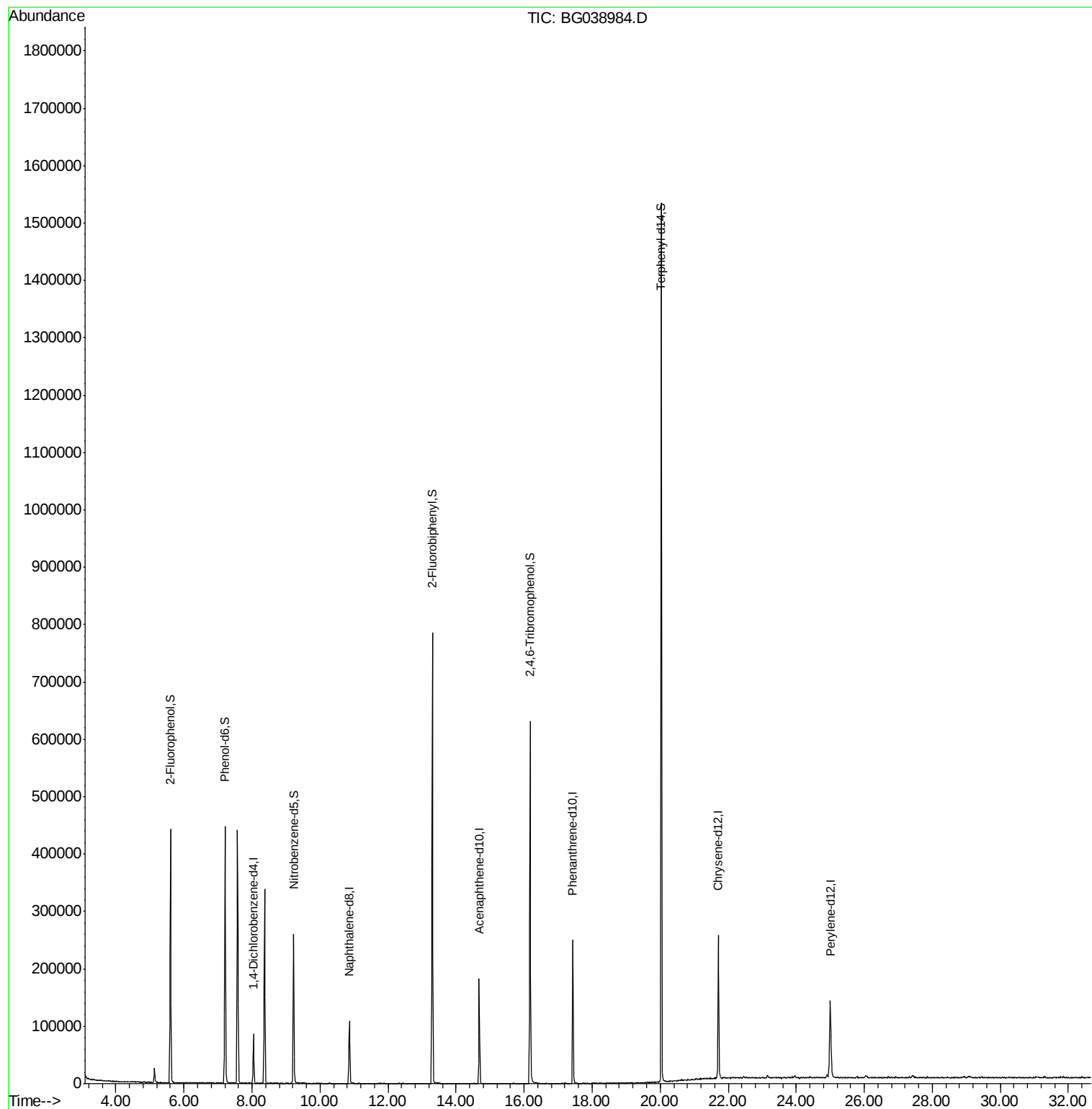
Target Compounds Qvalue

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

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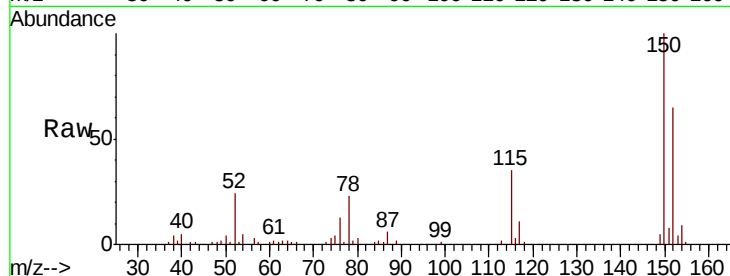


#1

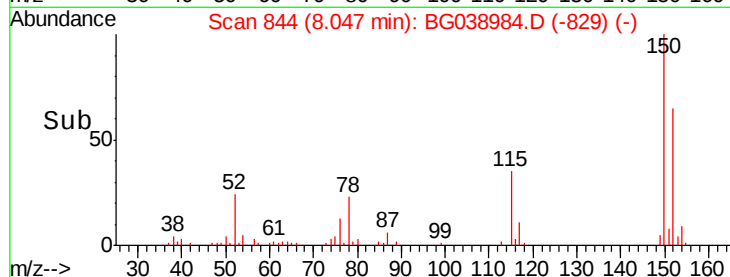
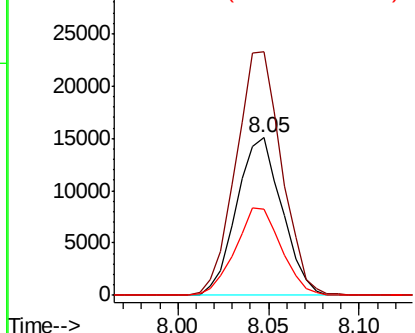
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.01 min
Lab File: BG038984.D
Acq: 8 Jan 2019 2:22

Instrument :
BNA_G
ClientSampleId :
PB116227TB

Tot Ion:152 Resp: 26147
Ion Ratio Lower Upper
152 100
150 154.6 119.5 179.3
115 54.5 49.6 74.4



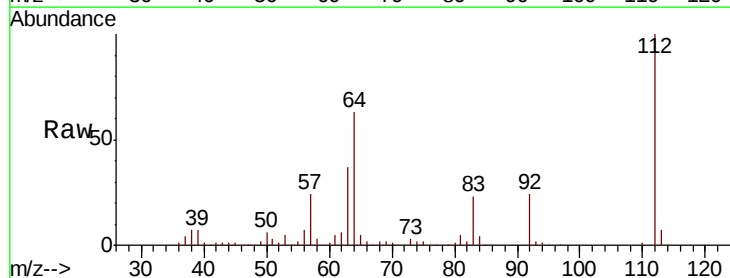
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



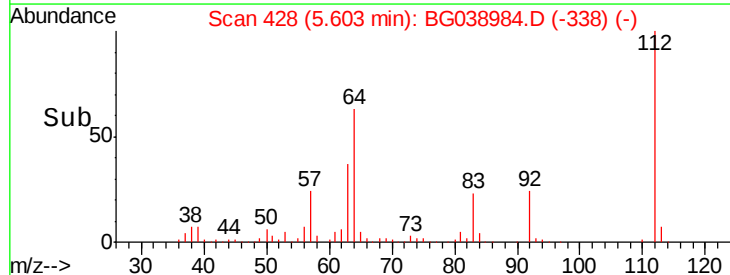
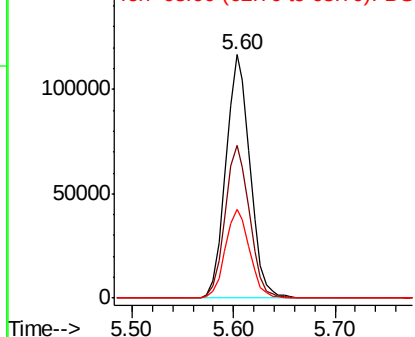
#5

2-Fluorophenol
Concen: 130.459 ng
RT: 5.60 min Scan# 428
Delta R.T. -0.00 min
Lab File: BG038984.D
Acq: 8 Jan 2019 2:22

Tgt Ion:112 Resp: 192321
Ion Ratio Lower Upper
112 100
64 63.0 53.4 80.2
63 36.7 29.3 43.9



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: 129.281 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.00 min

Lab File: BG038984.D

Acq: 8 Jan 2019 2:22

Instrument :

BNA_G

ClientSampleId :

PB116227TB

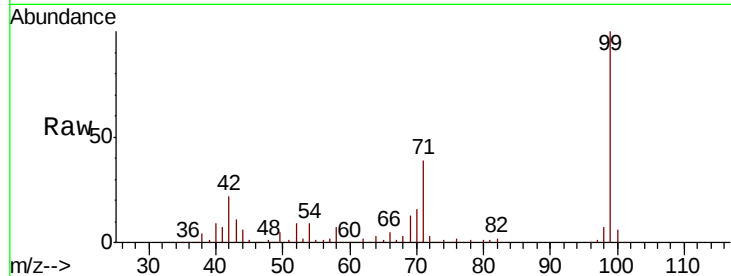
Tot Ion: 99 Resp: 261636

Ion Ratio Lower Upper

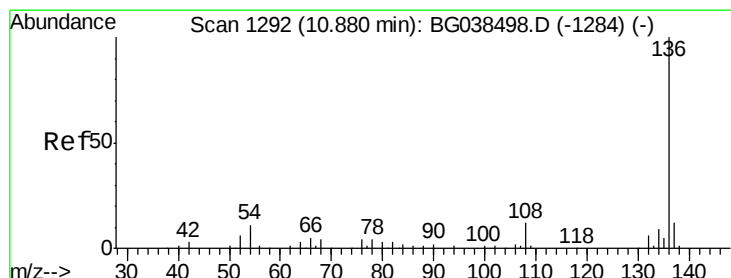
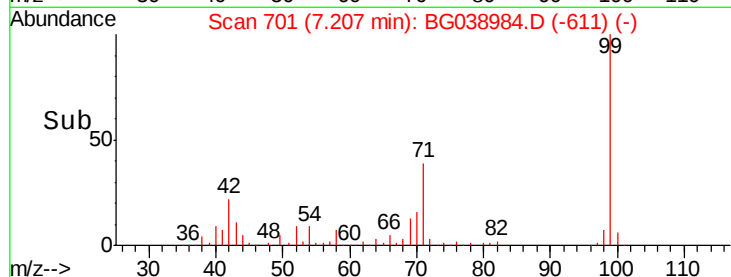
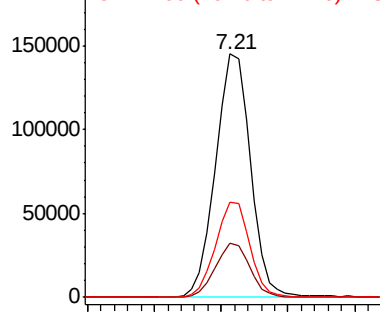
99 100

42 22.4 18.5 27.7

71 38.9 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: 10.86 min Scan# 1323

Delta R.T. -0.02 min

Lab File: BG038984.D

Acq: 8 Jan 2019 2:22

Tgt Ion: 136 Resp: 102712

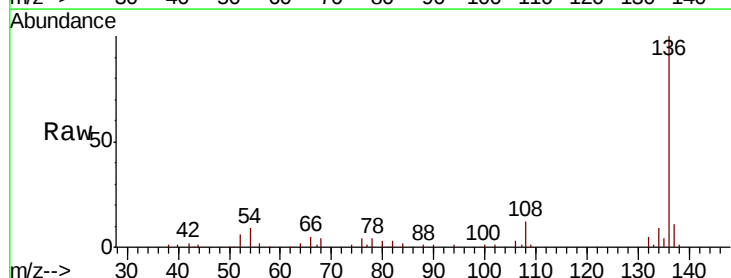
Ion Ratio Lower Upper

136 100

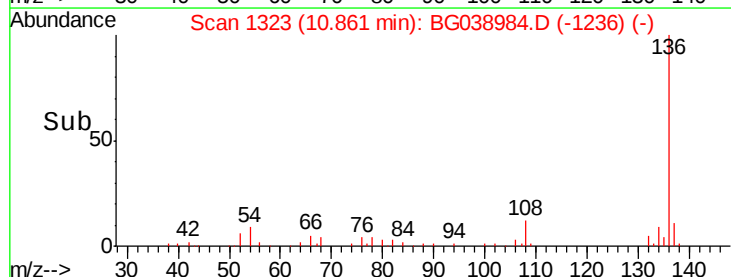
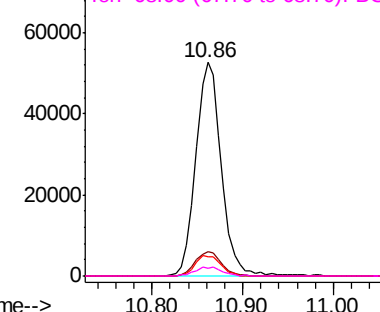
137 11.3 9.3 13.9

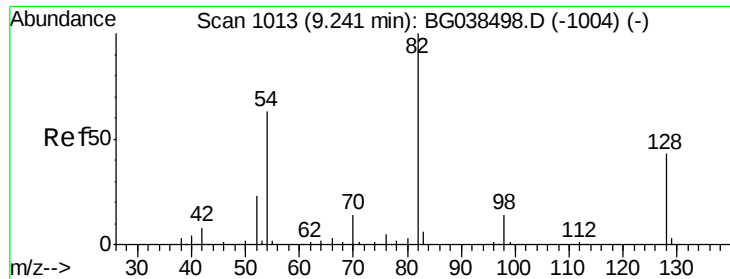
54 9.1 8.5 12.7

68 3.9 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

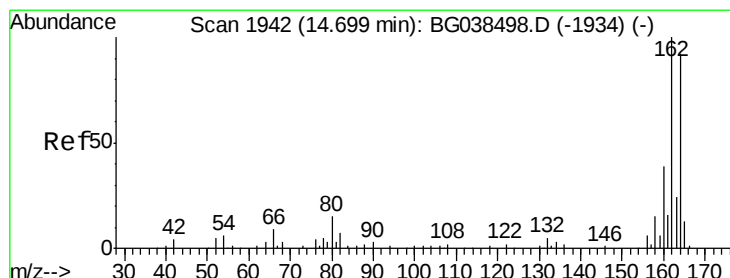
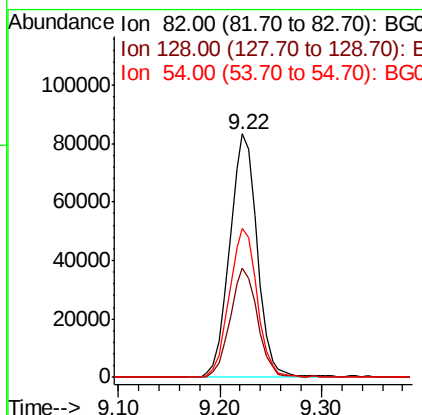
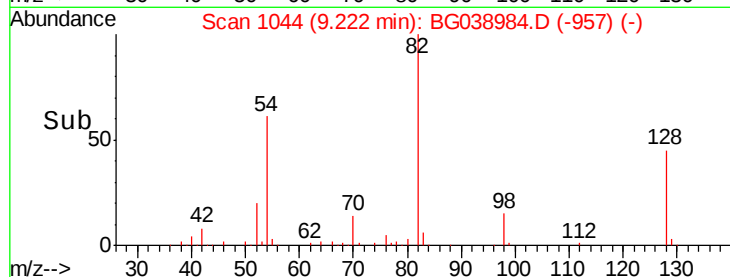
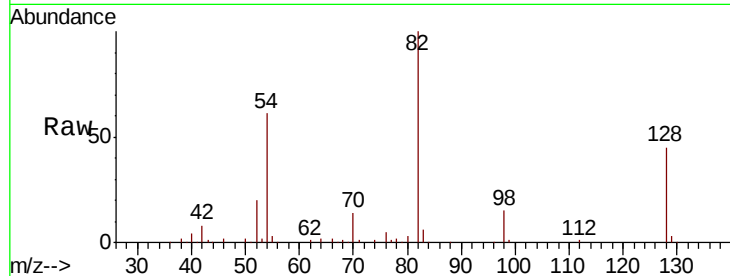




#23
 Nitrobenzene-d5
 Concen: 77.788 ng
 RT: 9.22 min Scan# 1044
 Delta R.T. -0.02 min
 Lab File: BG038984.D
 Acq: 8 Jan 2019 2:22

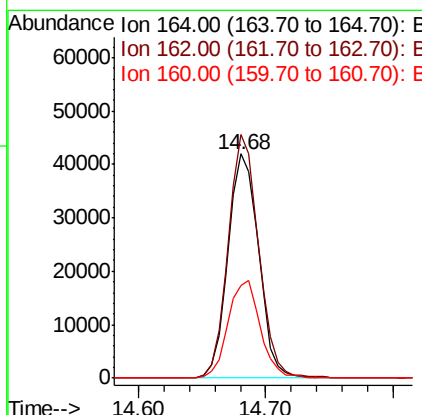
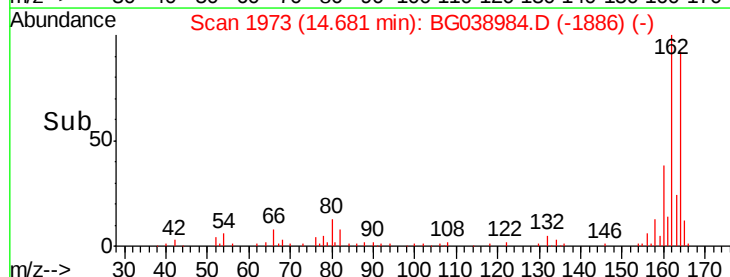
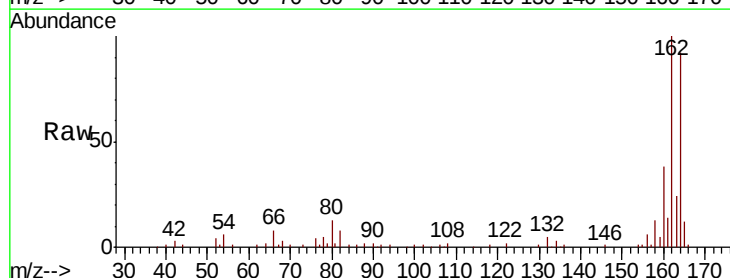
Instrument :
 BNA_G
 ClientSampled :
 PB116227TB

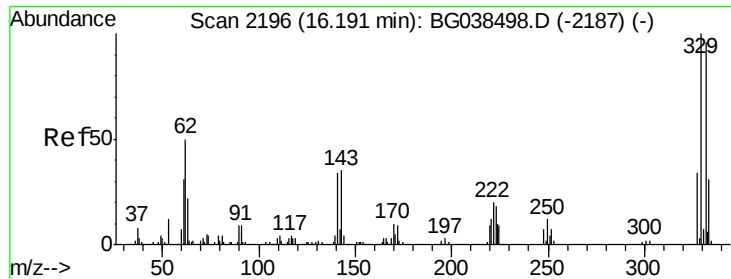
Tot Ion: 82 Resp: 156395
 Ion Ratio Lower Upper
 82 100
 128 44.9 34.6 52.0
 54 61.0 50.6 76.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1973
 Delta R.T. -0.02 min
 Lab File: BG038984.D
 Acq: 8 Jan 2019 2:22

Tgt Ion: 164 Resp: 70112
 Ion Ratio Lower Upper
 164 100
 162 108.7 86.6 130.0
 160 41.1 34.2 51.2





#42

2,4,6-Tribromophenol

Concen: 143.586 ng

RT: 16.17 min Scan# 2227

Delta R.T. -0.02 min

Lab File: BG038984.D

Acq: 8 Jan 2019 2:22

Instrument :

BNA_G

ClientSampleId :

PB116227TB

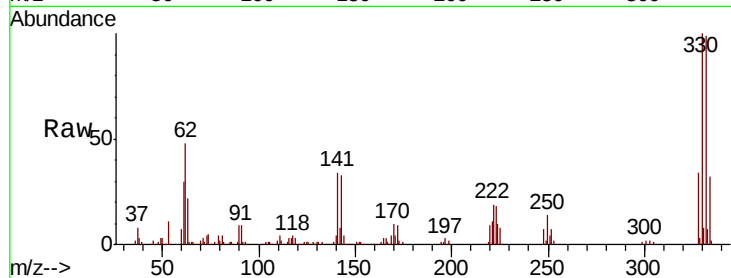
Tot Ion:330 Resp: 138743

Ion Ratio Lower Upper

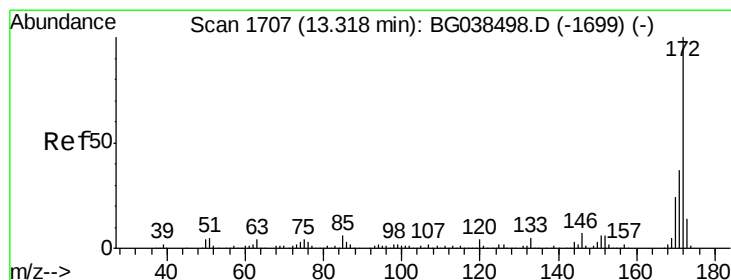
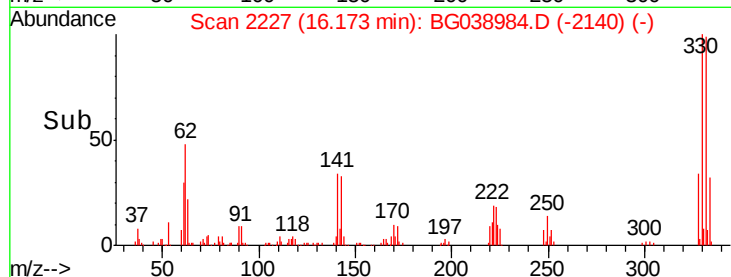
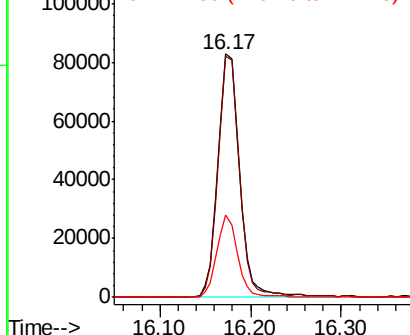
330 100

332 96.4 76.9 115.3

141 32.3 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: 86.464 ng

RT: 13.30 min Scan# 1738

Delta R.T. -0.02 min

Lab File: BG038984.D

Acq: 8 Jan 2019 2:22

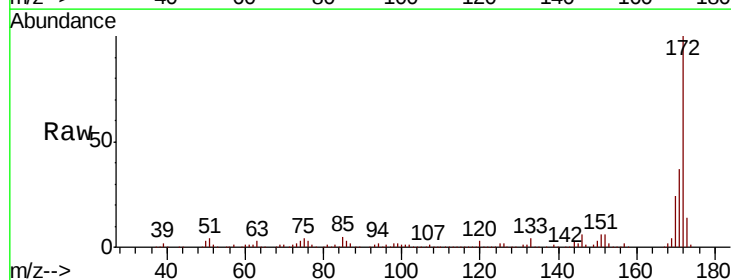
Tgt Ion:172 Resp: 441895

Ion Ratio Lower Upper

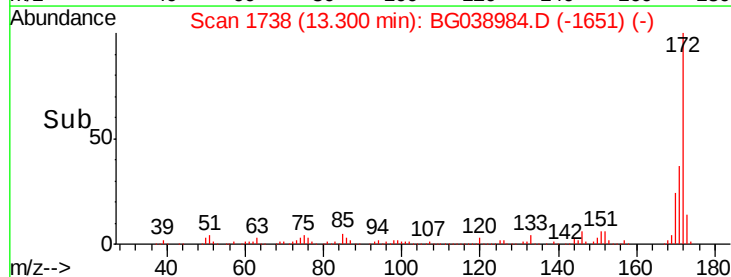
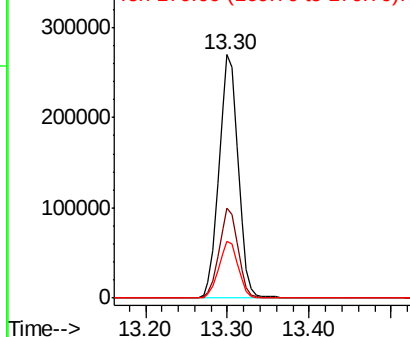
172 100

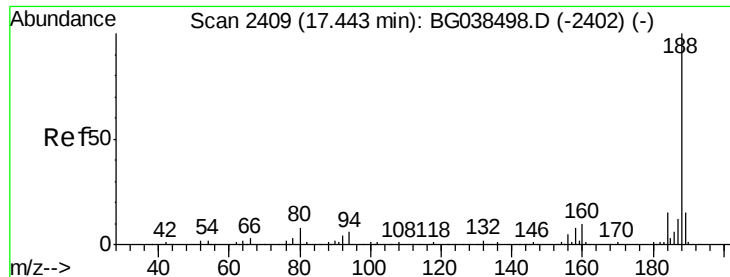
171 37.0 29.8 44.6

170 23.6 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

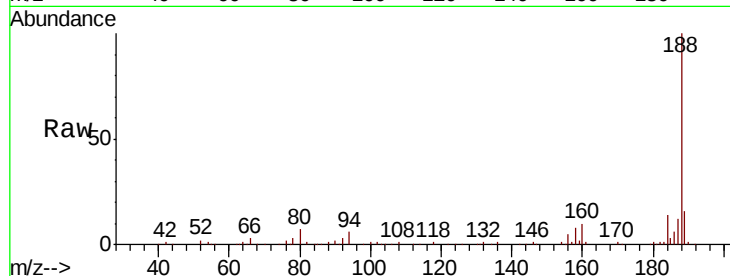




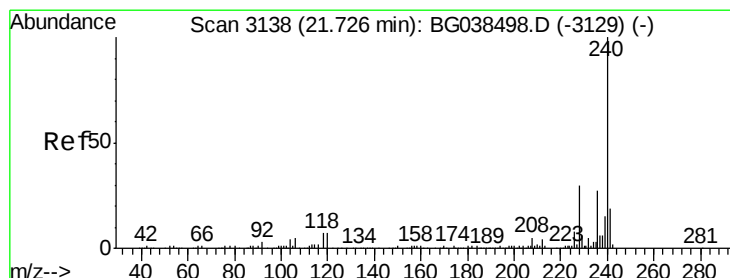
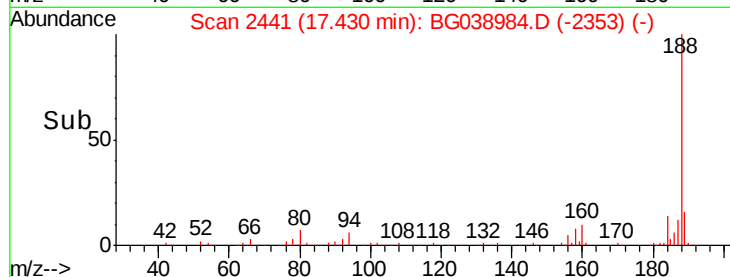
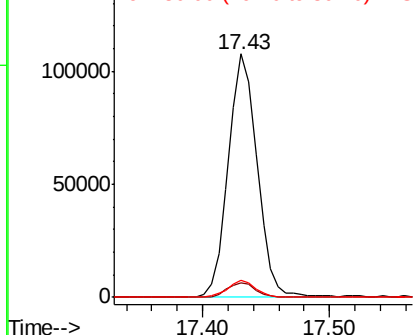
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2441
Delta R.T. -0.01 min
Lab File: BG038984.D
Acq: 8 Jan 2019 2:22

Instrument :
BNA_G
ClientSampled :
PB116227TB

Tot Ion:188 Resp: 170240
Ion Ratio Lower Upper
188 100
94 6.2 5.1 7.7
80 7.0 6.1 9.1

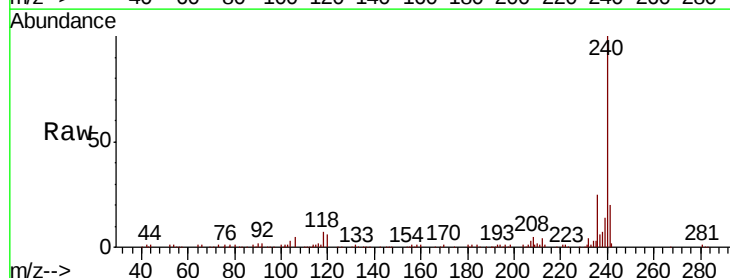


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGO
Ion 80.00 (79.70 to 80.70): BGO

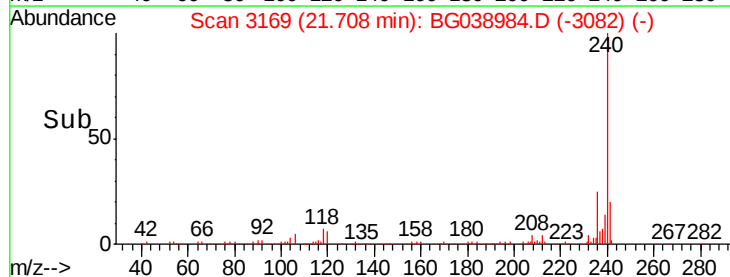
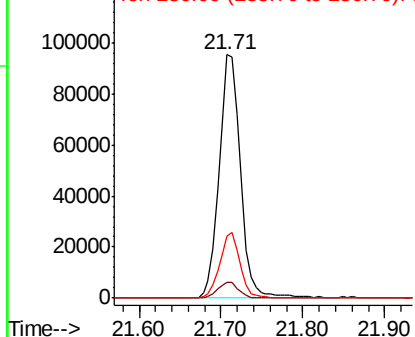


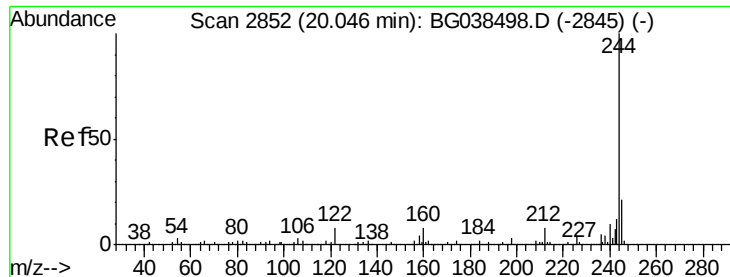
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.71 min Scan# 3169
Delta R.T. -0.02 min
Lab File: BG038984.D
Acq: 8 Jan 2019 2:22

Tgt Ion:240 Resp: 173396
Ion Ratio Lower Upper
240 100
120 6.3 5.3 7.9
236 25.5 21.4 32.2



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: 99.573 ng

RT: 20.03 min Scan# 2884

Delta R.T. -0.01 min

Lab File: BG038984.D

Acq: 8 Jan 2019 2:22

Instrument :

BNA_G

ClientSampleId :

PB116227TB

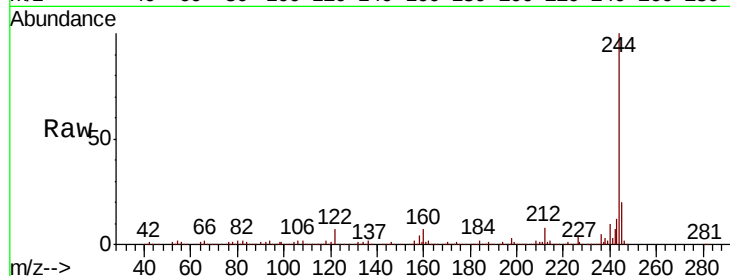
Tot Ion:244 Resp: 793329

Ion Ratio Lower Upper

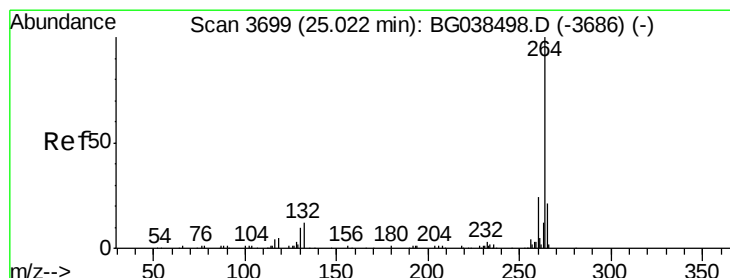
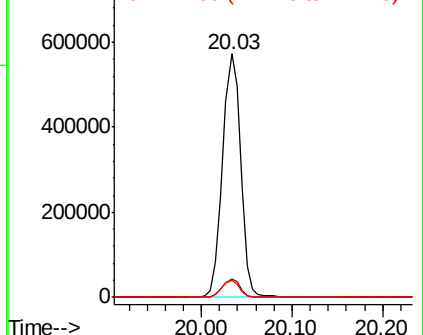
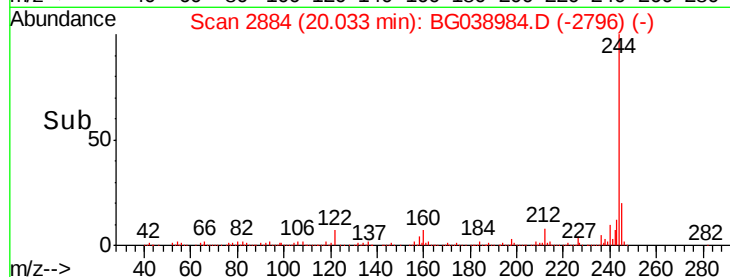
244 100

212 7.6 6.2 9.2

122 7.2 6.3 9.5



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: 25.00 min Scan# 3729

Delta R.T. -0.02 min

Lab File: BG038984.D

Acq: 8 Jan 2019 2:22

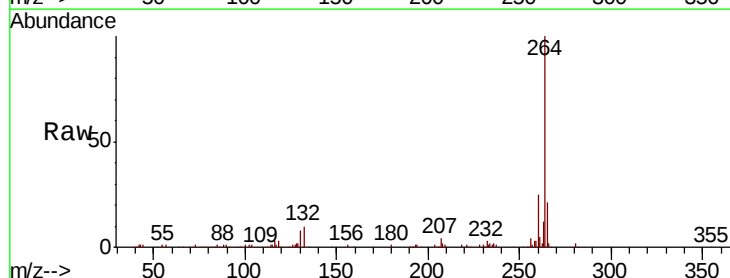
Tgt Ion:264 Resp: 180192

Ion Ratio Lower Upper

264 100

260 24.7 18.9 28.3

265 21.3 17.0 25.4



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

