

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121418\
 Data File : BG038582.D
 Acq On : 15 Dec 2018 00:23
 Operator : JU/SJ
 Sample : PB115631BL
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB115631BL

Quant Time: Dec 15 04:19:35 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	23421	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	91541	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	61255	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	157049	20.00	ng	0.00
76) Chrysene-d12	21.72	240	167395	20.00	ng	0.00
87) Perylene-d12	25.02	264	177325	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	134729	102.03	ng	0.00
7) Phenol-d6	7.21	99	179813	99.19	ng	0.00
23) Nitrobenzene-d5	9.24	82	116039	64.76	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	74097	87.77	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	279078	62.50	ng	0.00
79) Terphenyl-d14	20.04	244	563685	73.29	ng	0.00

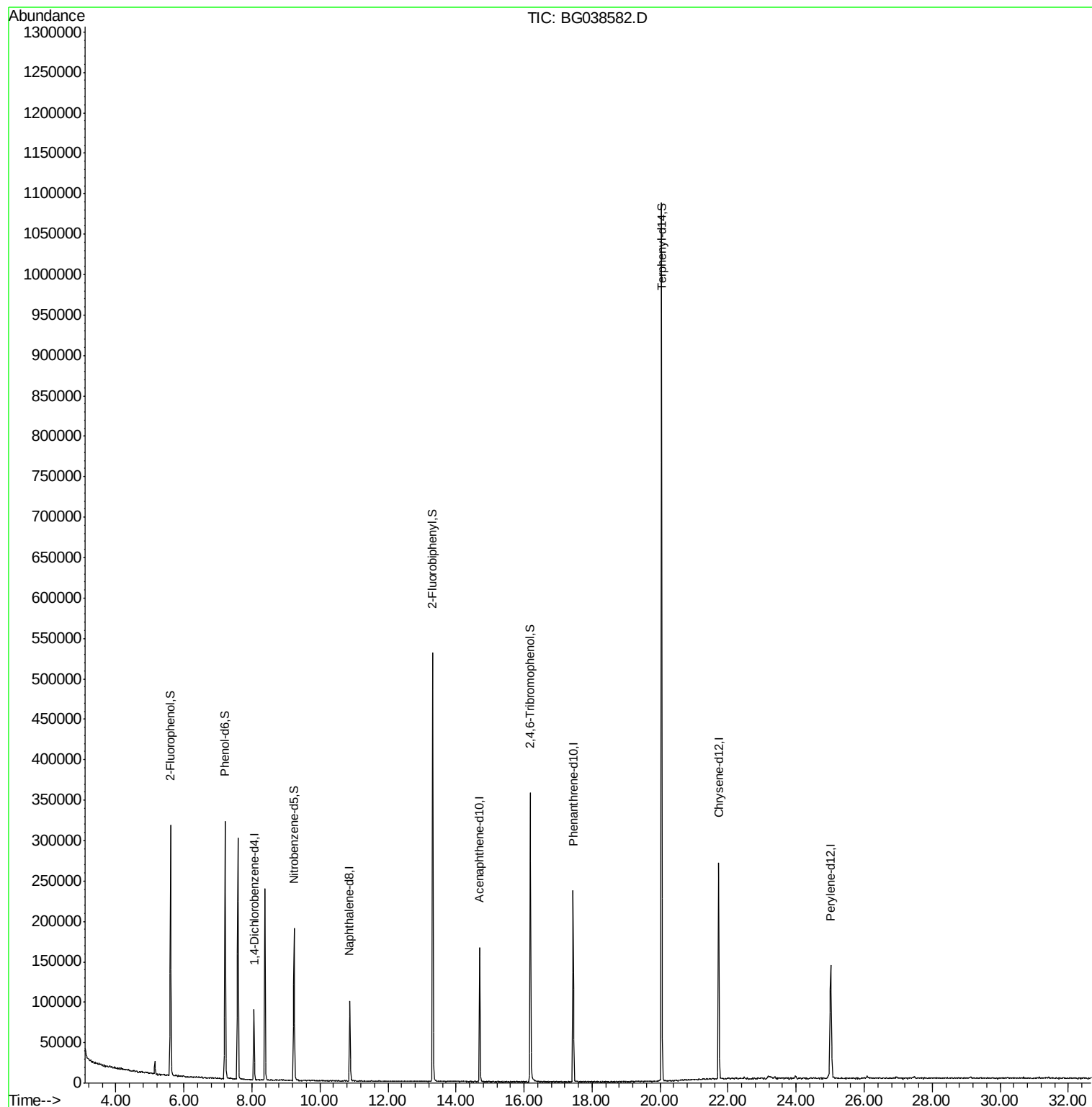
Target Compounds Qvalue

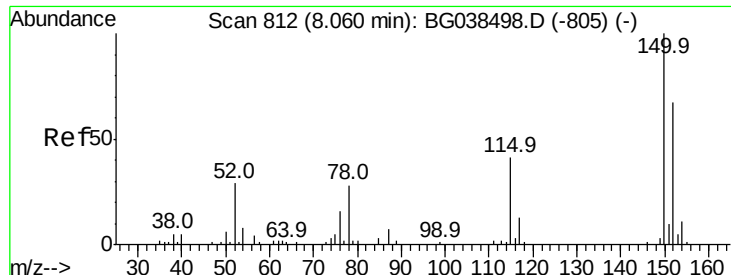
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG038582.D

Acq: 15 Dec 2018 00:23

Instrument :

BNA_G

ClientSampleId :

PB115631BL

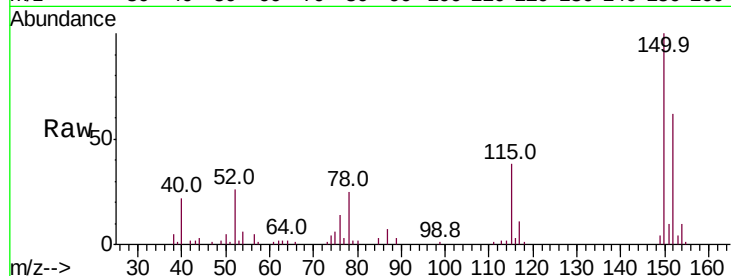
Tot Ion:152 Resp: 23421

Ion Ratio Lower Upper

152 100

150 161.9 119.5 179.3

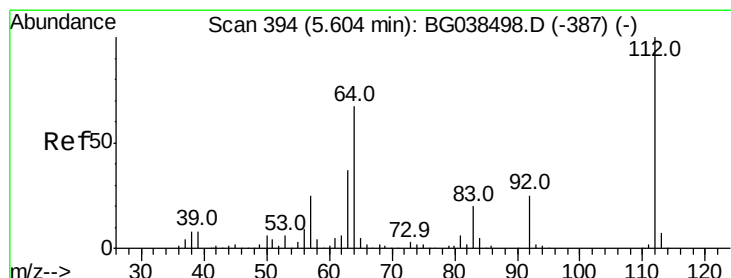
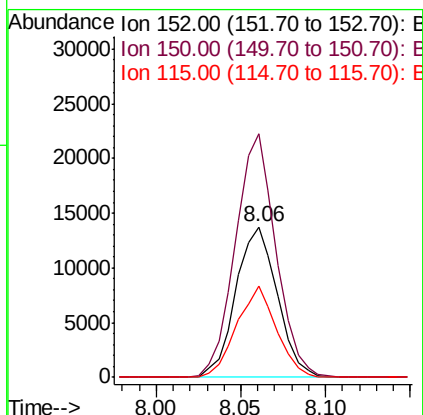
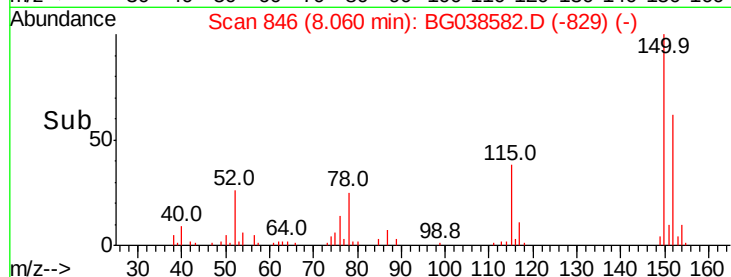
115 60.8 49.6 74.4



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: 102.029 ng

RT: 5.61 min Scan# 429

Delta R.T. 0.01 min

Lab File: BG038582.D

Acq: 15 Dec 2018 00:23

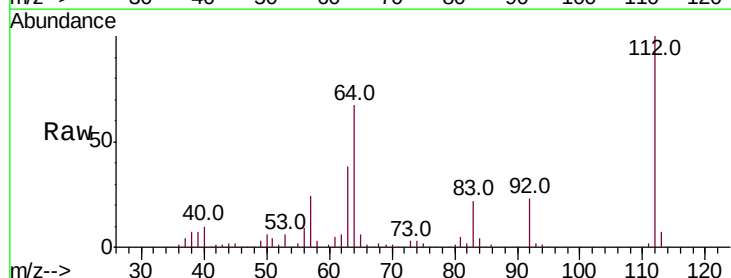
Tgt Ion:112 Resp: 134729

Ion Ratio Lower Upper

112 100

64 67.4 53.4 80.2

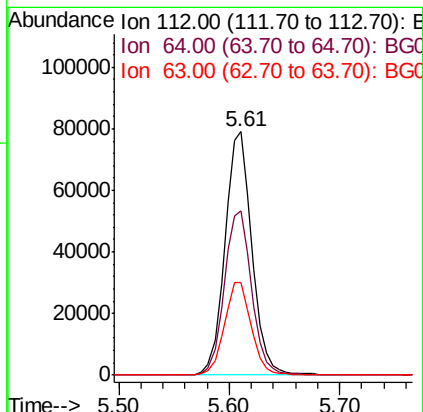
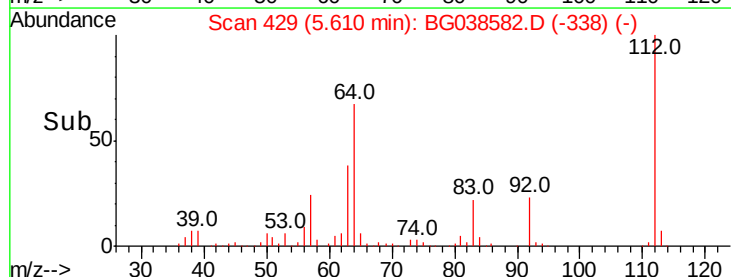
63 38.0 29.3 43.9

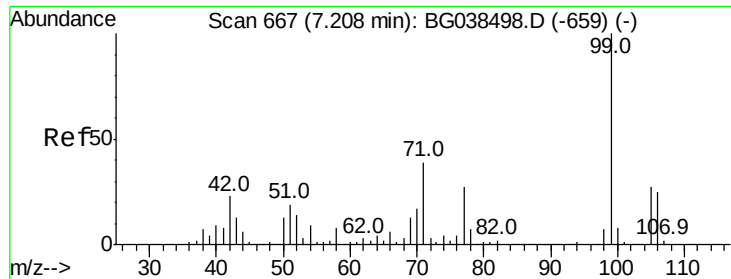


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 99.192 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG038582.D

Acq: 15 Dec 2018 00:23

Instrument :

BNA_G

ClientSampleId :

PB115631BL

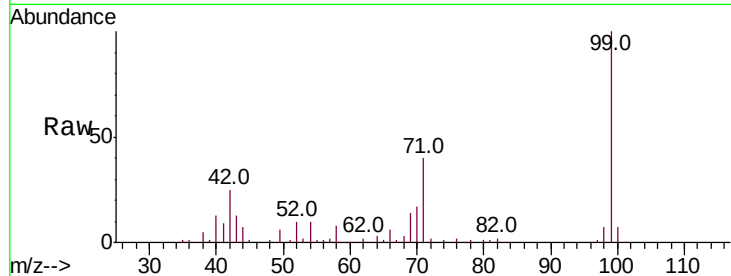
Tot Ion: 99 Resp: 179813

Ion Ratio Lower Upper

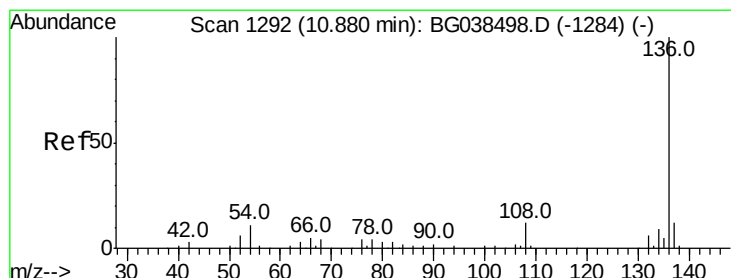
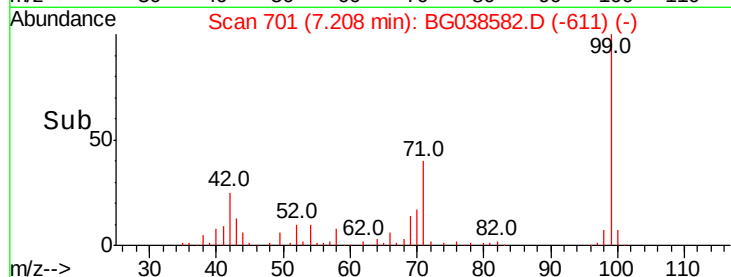
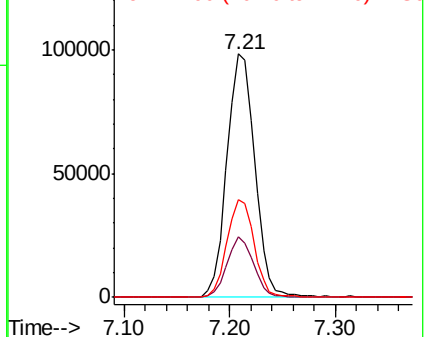
99 100

42 25.0 18.5 27.7

71 40.0 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: BG038582.D

Acq: 15 Dec 2018 00:23

Tgt Ion:136 Resp: 91541

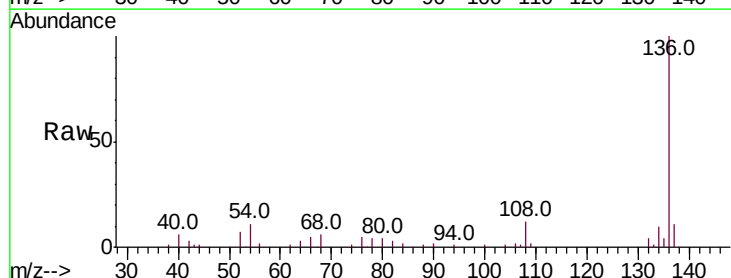
Ion Ratio Lower Upper

136 100

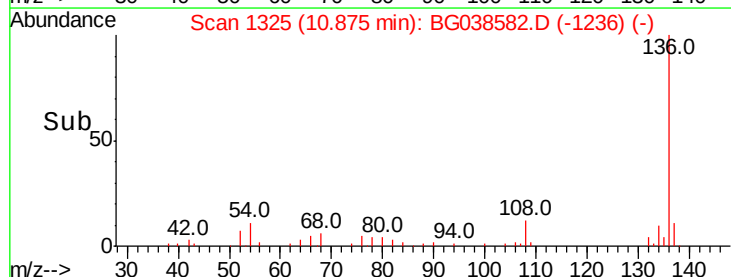
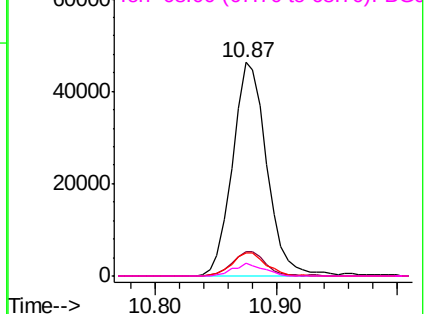
137 11.1 9.3 13.9

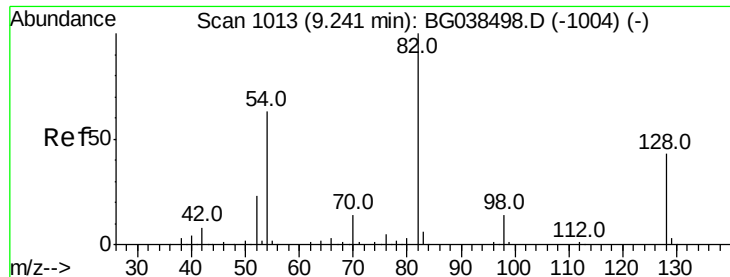
54 10.8 8.5 12.7

68 5.8 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

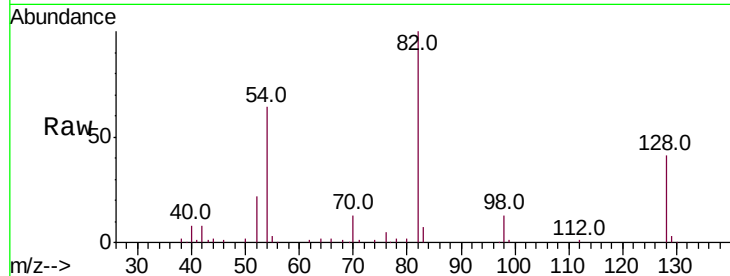




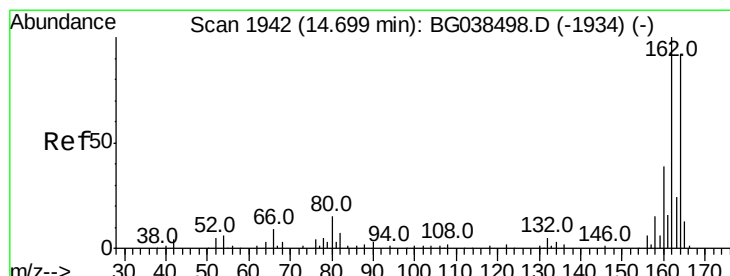
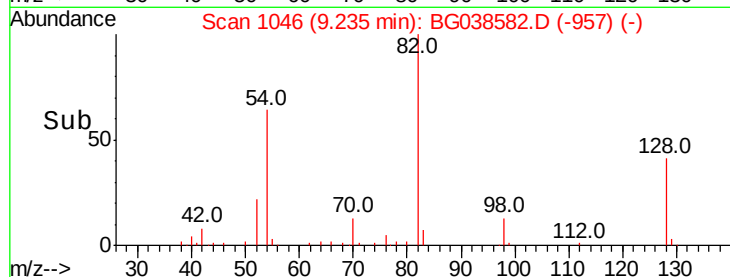
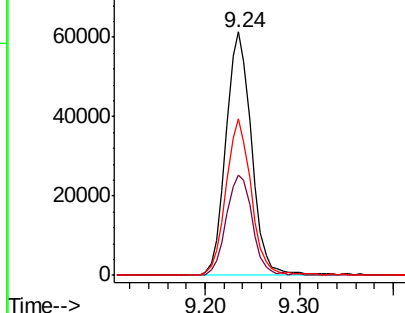
#23
Nitrobenzene-d5
Concen: 64.759 ng
RT: 9.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BG038582.D
Acq: 15 Dec 2018 00:23

Instrument :
BNA_G
ClientSampleId :
PB115631BL

Tot Ion: 82 Resp: 116039
Ion Ratio Lower Upper
82 100
128 41.2 34.6 52.0
54 64.2 50.6 76.0

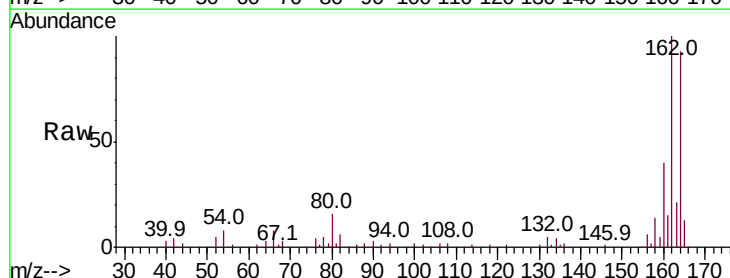


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

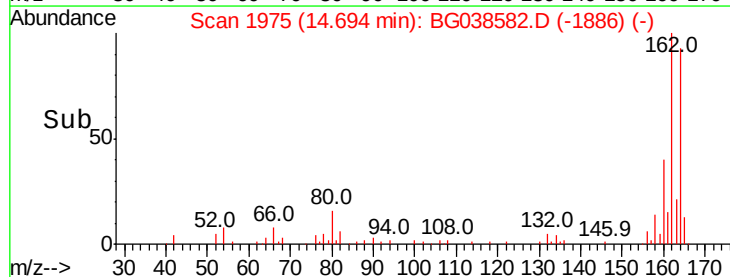
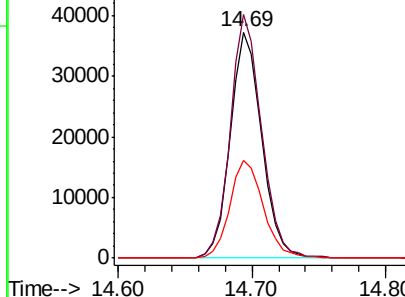


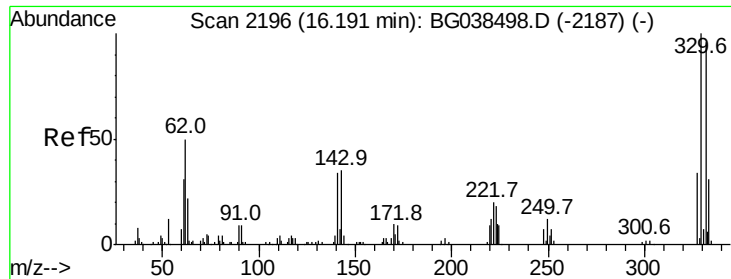
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.01 min
Lab File: BG038582.D
Acq: 15 Dec 2018 00:23

Tgt Ion:164 Resp: 61255
Ion Ratio Lower Upper
164 100
162 107.6 86.6 130.0
160 43.4 34.2 51.2



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: 87.771 ng

RT: 16.19 min Scan# 2229

Delta R.T. -0.01 min

Lab File: BG038582.D

Acq: 15 Dec 2018 00:23

Instrument :

BNA_G

ClientSampleId :

PB115631BL

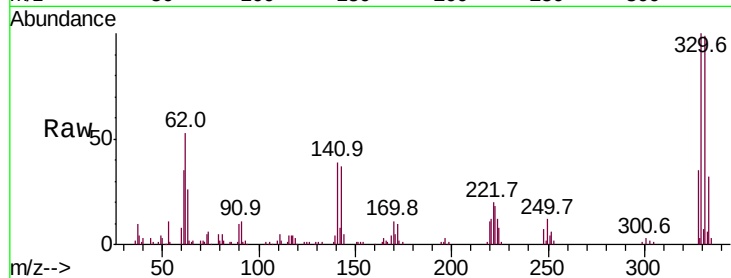
Tot Ion:330 Resp: 74097

Ion Ratio Lower Upper

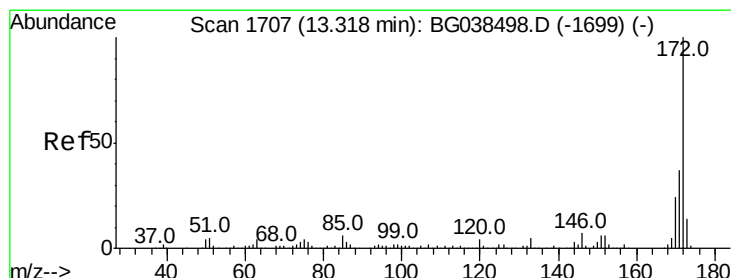
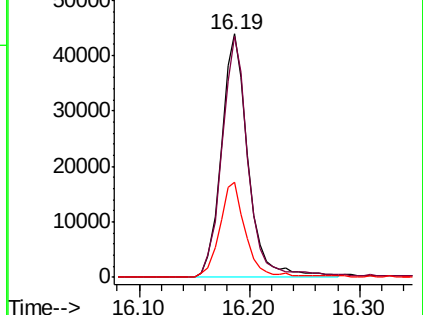
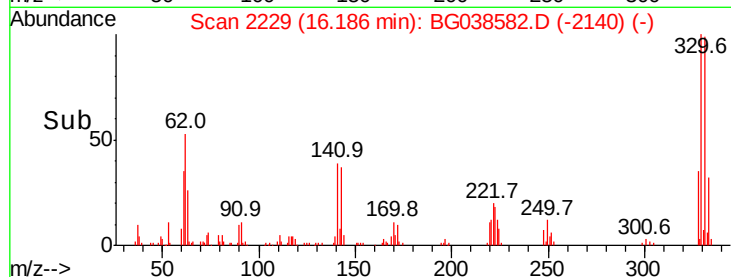
330 100

332 98.0 76.9 115.3

141 38.2 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: 62.501 ng

RT: 13.31 min Scan# 1740

Delta R.T. -0.01 min

Lab File: BG038582.D

Acq: 15 Dec 2018 00:23

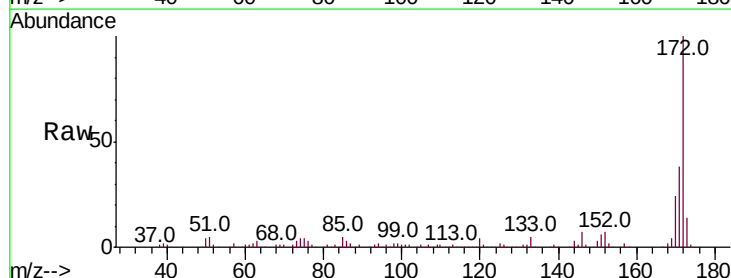
Tgt Ion:172 Resp: 279078

Ion Ratio Lower Upper

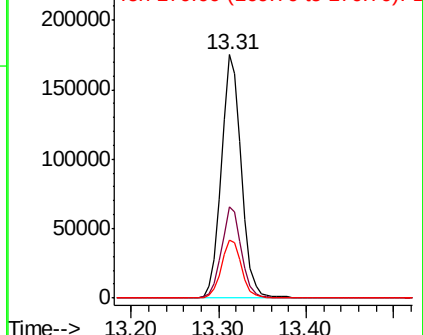
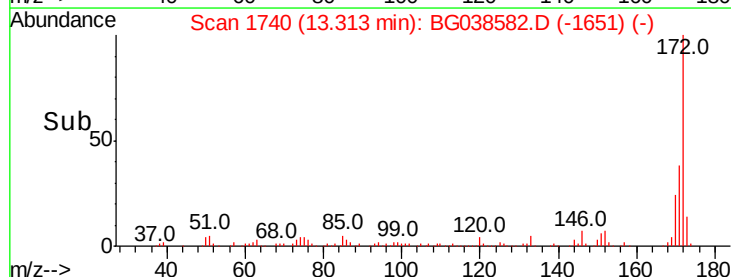
172 100

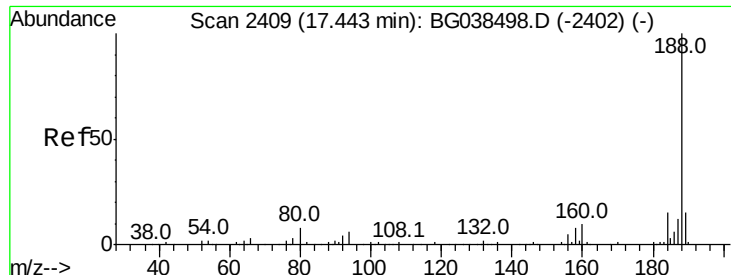
171 37.5 29.8 44.6

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: 17.44 min Scan# 2443

Delta R.T. 0.00 min

Lab File: BG038582.D

Acq: 15 Dec 2018 00:23

Instrument :

BNA_G

ClientSampleId :

PB115631BL

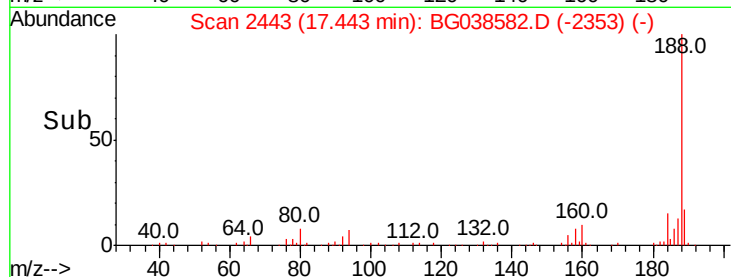
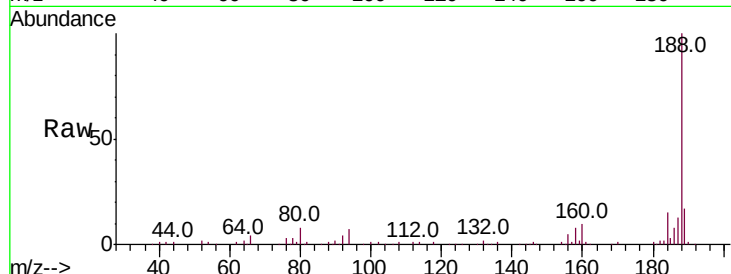
Tot Ion:188 Resp: 157049

Ion Ratio Lower Upper

188 100

94 6.6 5.1 7.7

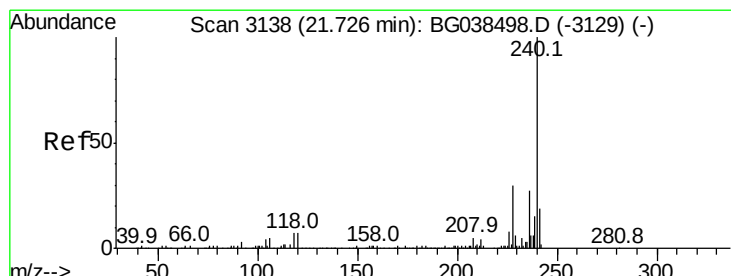
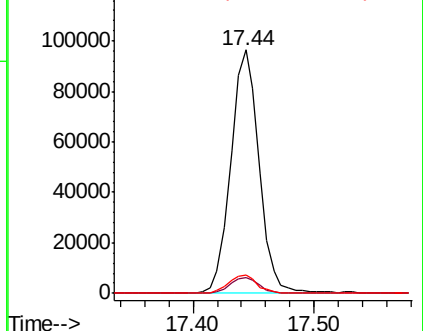
80 7.7 6.1 9.1



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG038582.D (-2353) (-)

Ion 80.00 (79.70 to 80.70): BG038582.D (-2353) (-)



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.72 min Scan# 3171

Delta R.T. -0.01 min

Lab File: BG038582.D

Acq: 15 Dec 2018 00:23

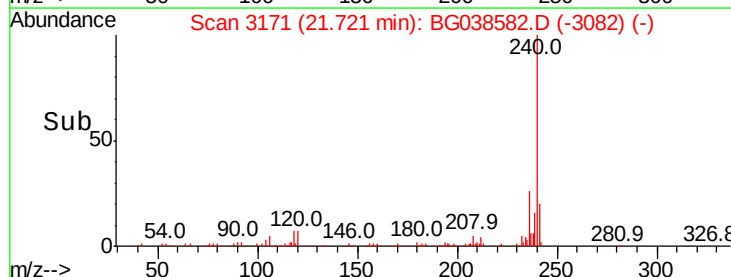
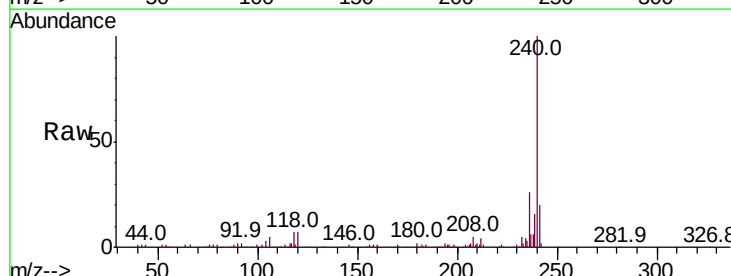
Tgt Ion:240 Resp: 167395

Ion Ratio Lower Upper

240 100

120 7.4 5.3 7.9

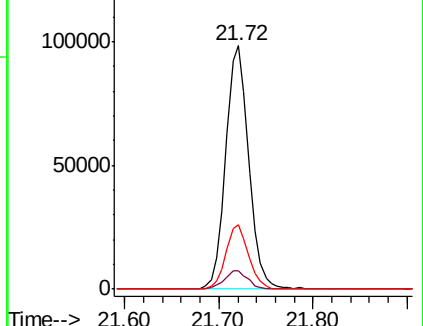
236 26.3 21.4 32.2

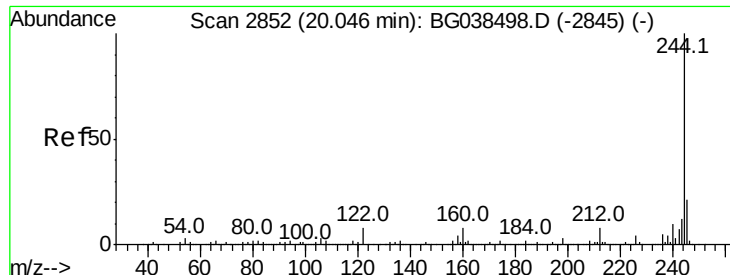


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 73.286 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.00 min

Lab File: BG038582.D

Acq: 15 Dec 2018 00:23

Instrument :

BNA_G

ClientSampled :

PB115631BL

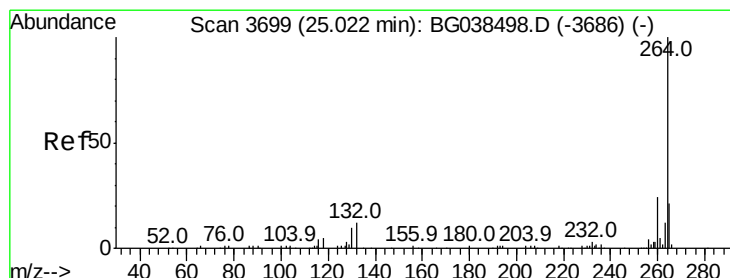
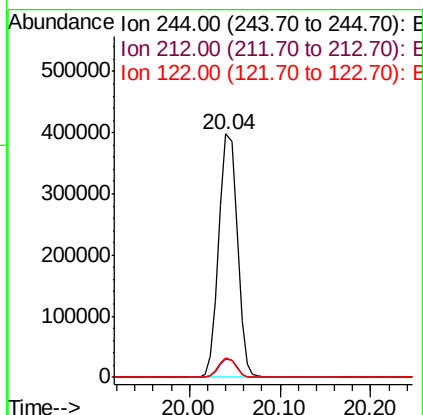
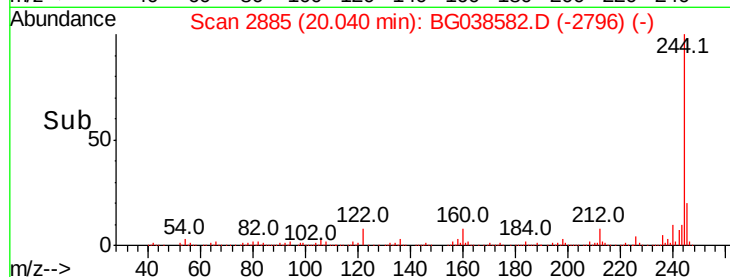
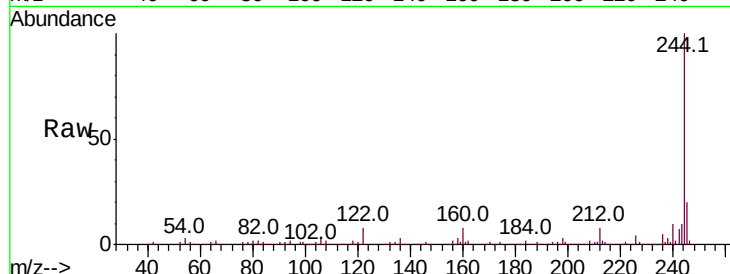
Tot Ion:244 Resp: 563685

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

122 7.9 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: BG038582.D

Acq: 15 Dec 2018 00:23

Tgt Ion:264 Resp: 177325

Ion Ratio Lower Upper

264 100

260 24.3 18.9 28.3

265 21.1 17.0 25.4

