

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010319\
 Data File : BG038913.D
 Acq On : 3 Jan 2019 21:20
 Operator : JU/SJ
 Sample : K1002-08
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 AU-05-010219-D

Quant Time: Jan 04 04:44:35 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	26479	20.00	ng	-0.01
21) Naphthalene-d8	10.86	136	106330	20.00	ng	-0.02
39) Acenaphthene-d10	14.69	164	79236	20.00	ng	-0.01
64) Phenanthrene-d10	17.44	188	207319	20.00	ng	0.00
76) Chrysene-d12	21.71	240	208357	20.00	ng	-0.01
87) Perylene-d12	25.00	264	214201	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	183241	122.74	ng	0.00
7) Phenol-d6	7.21	99	219143	106.93	ng	0.00
23) Nitrobenzene-d5	9.23	82	185432	89.09	ng	-0.01
42) 2,4,6-Tribromophenol	16.18	330	167477	153.37	ng	-0.01
45) 2-Fluorobiphenyl	13.31	172	505220	87.47	ng	-0.01
79) Terphenyl-d14	20.04	244	1025646	107.13	ng	0.00

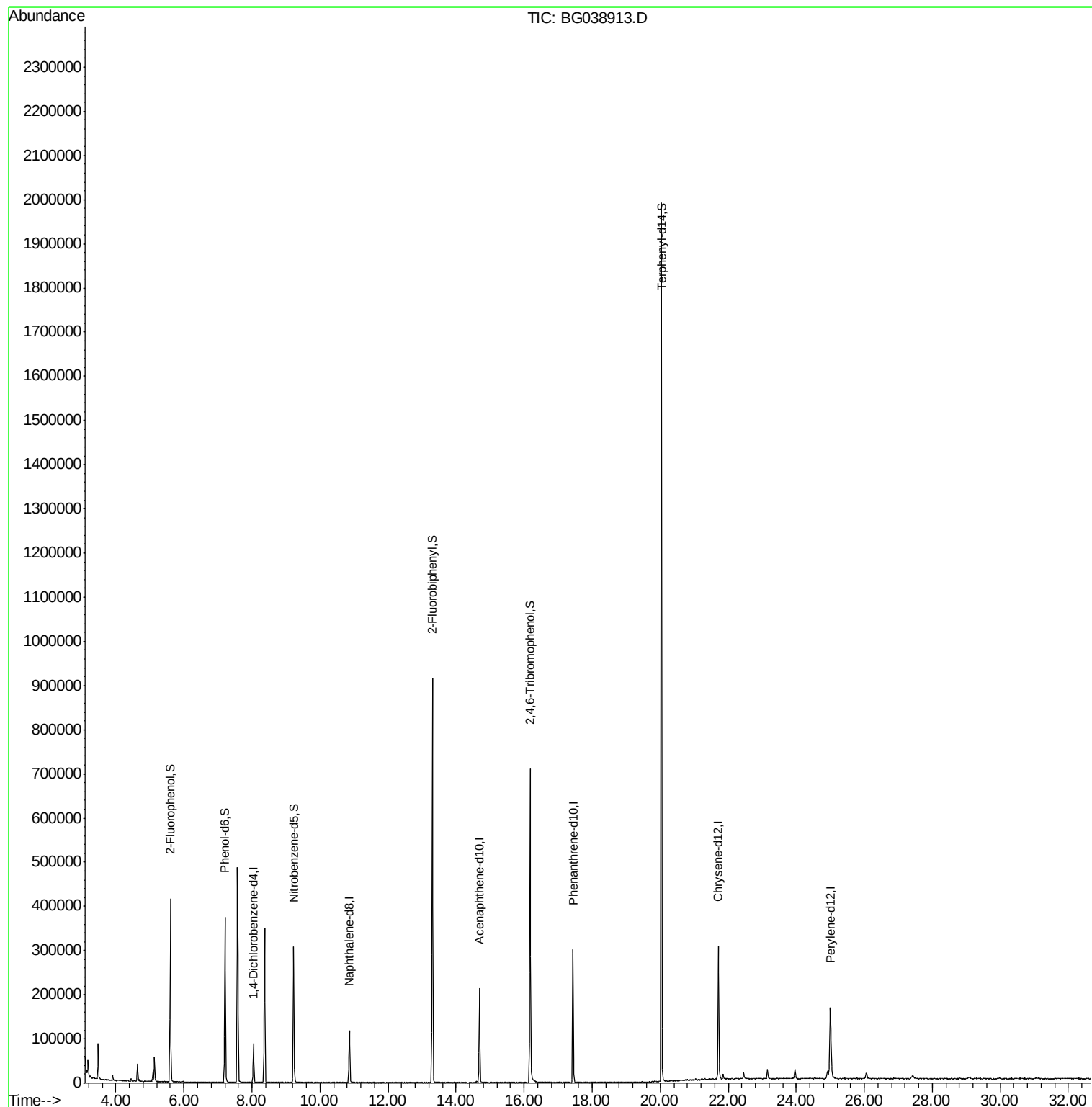
Target Compounds Qvalue

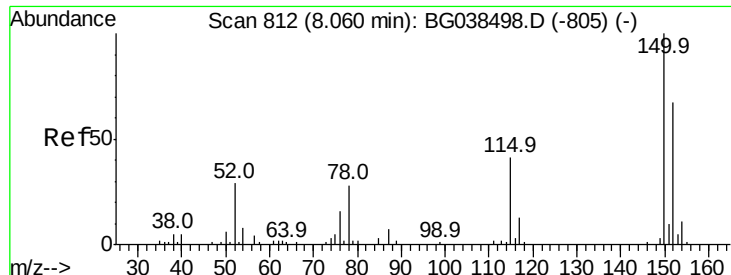
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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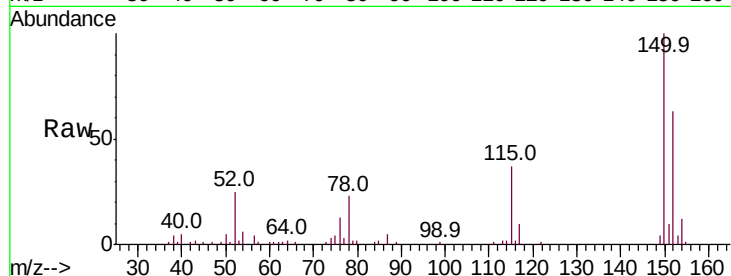


#1

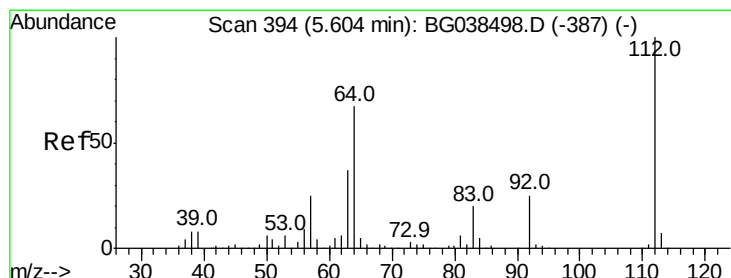
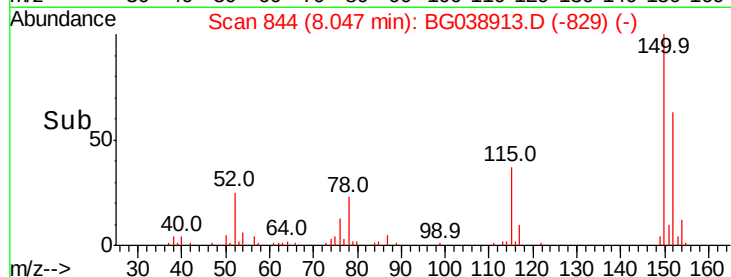
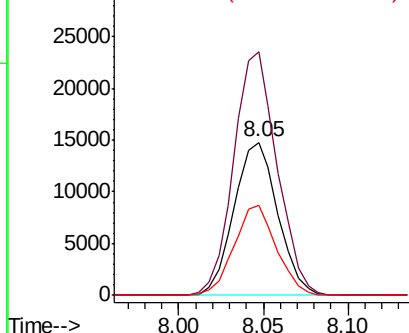
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.01 min
Lab File: BG038913.D
Acq: 3 Jan 2019 21:20

Instrument :
BNA_G
ClientSampleId :
AU-05-010219-D

Tot Ion:152 Resp: 26479
Ion Ratio Lower Upper
152 100
150 159.2 119.5 179.3
115 59.1 49.6 74.4



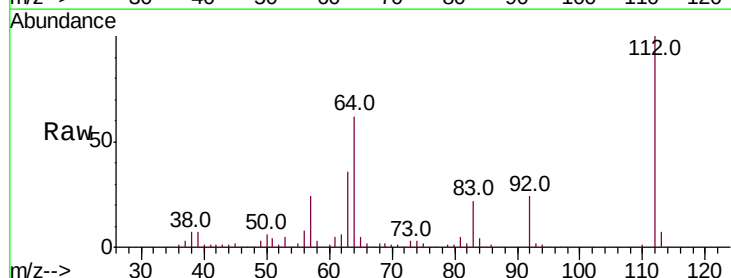
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



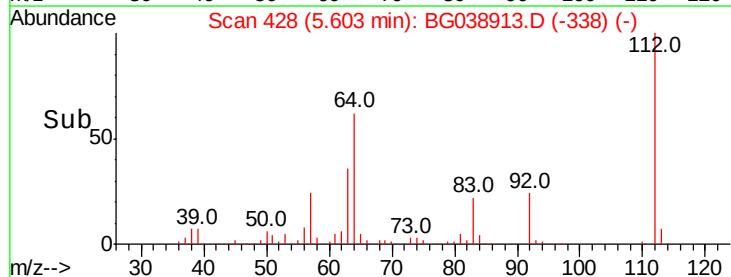
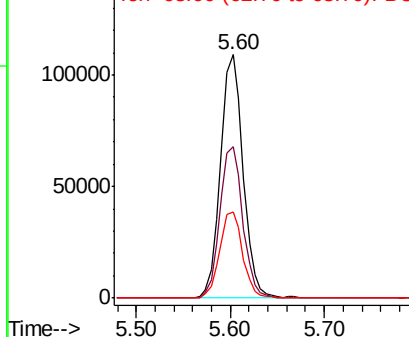
#5

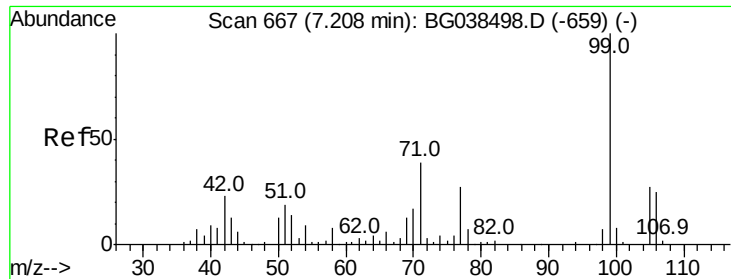
2-Fluorophenol
Concen: 122.741 ng
RT: 5.60 min Scan# 428
Delta R.T. -0.00 min
Lab File: BG038913.D
Acq: 3 Jan 2019 21:20

Tgt Ion:112 Resp: 183241
Ion Ratio Lower Upper
112 100
64 62.2 53.4 80.2
63 35.6 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: 106.926 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.00 min

Lab File: BG038913.D

Acq: 3 Jan 2019 21:20

Instrument :

BNA_G

ClientSampleId :

AU-05-010219-D

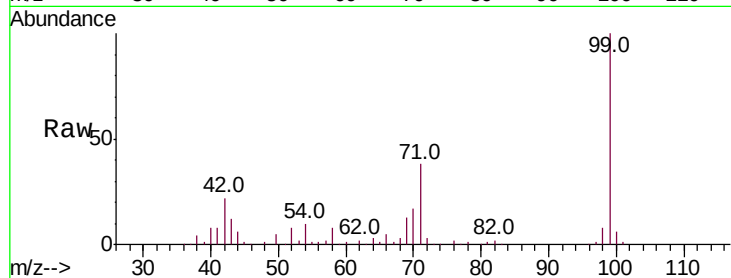
Tot Ion: 99 Resp: 219143

Ion Ratio Lower Upper

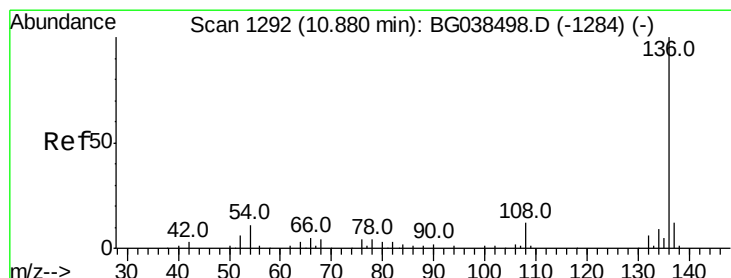
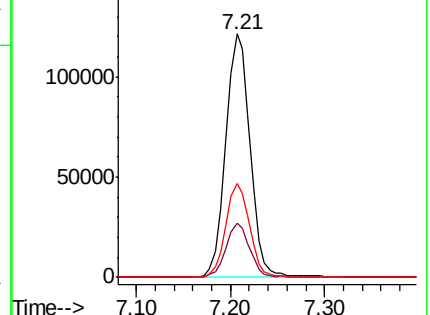
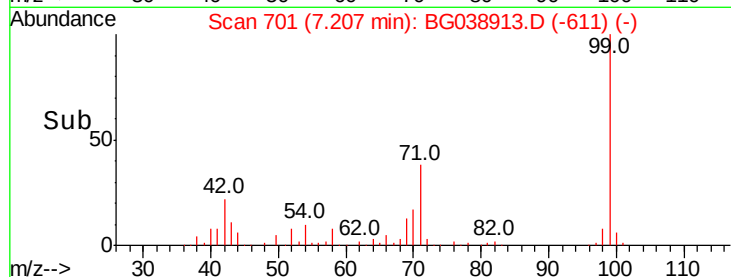
99 100

42 22.2 18.5 27.7

71 38.3 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: BG038913.D

Acq: 3 Jan 2019 21:20

Tgt Ion: 136 Resp: 106330

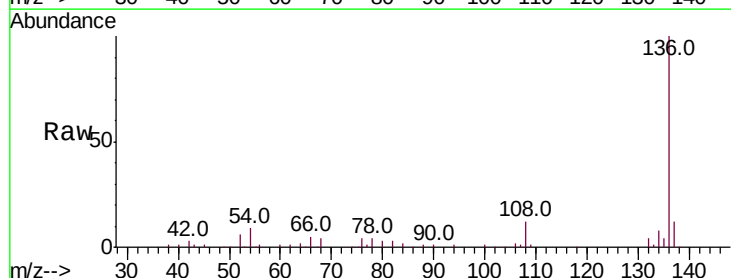
Ion Ratio Lower Upper

136 100

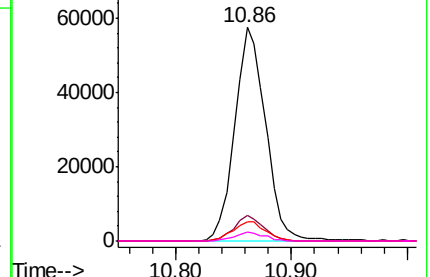
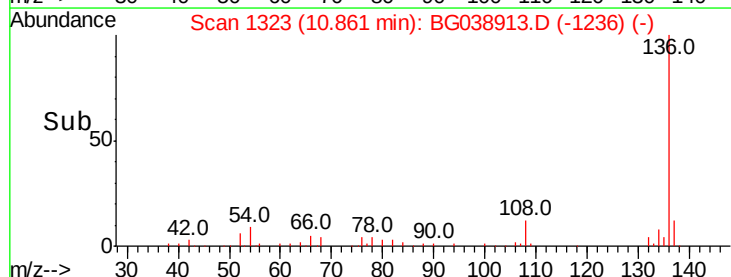
137 11.8 9.3 13.9

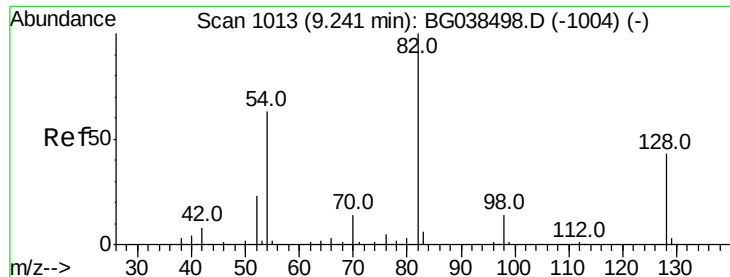
54 9.1 8.5 12.7

68 4.1 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: 89.092 ng

RT: 9.23 min Scan# 1045

Delta R.T. -0.01 min

Lab File: BG038913.D

Acq: 3 Jan 2019 21:20

Instrument :

BNA_G

ClientSampleId :

AU-05-010219-D

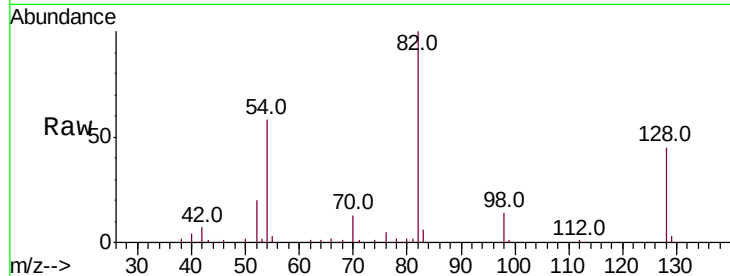
Tot Ion: 82 Resp: 185432

Ion Ratio Lower Upper

82 100

128 45.1 34.6 52.0

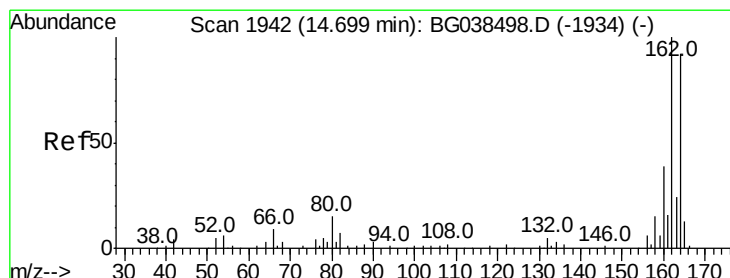
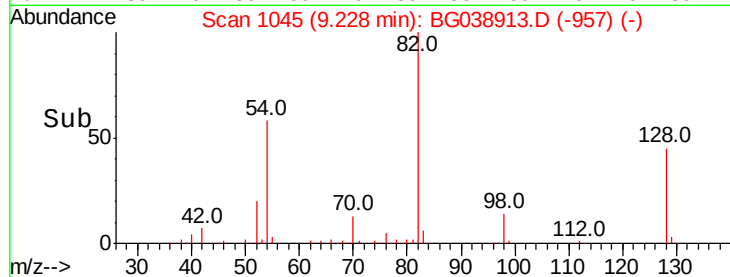
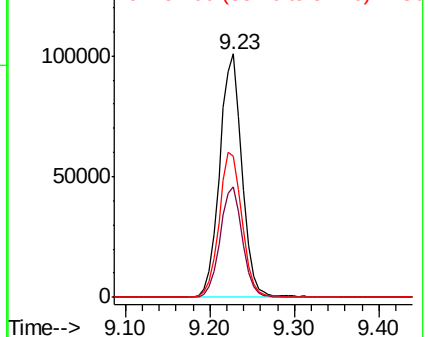
54 58.1 50.6 76.0



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# 1974

Delta R.T. -0.01 min

Lab File: BG038913.D

Acq: 3 Jan 2019 21:20

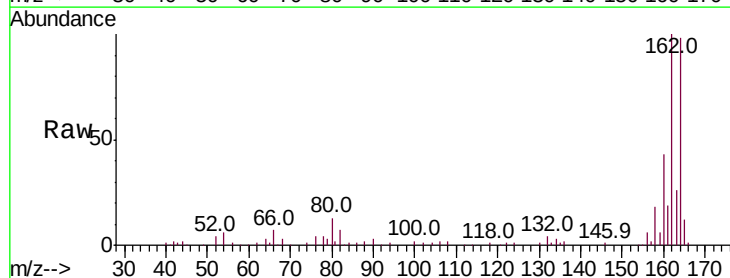
Tgt Ion: 164 Resp: 79236

Ion Ratio Lower Upper

164 100

162 101.6 86.6 130.0

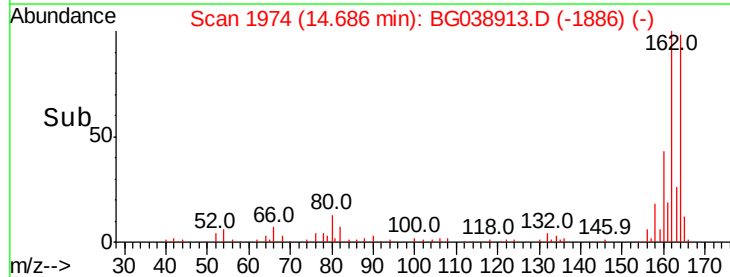
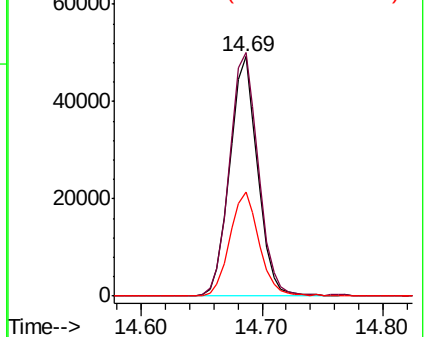
160 43.5 34.2 51.2

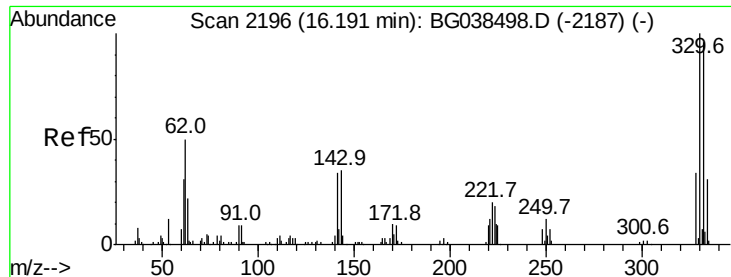


Abundance Ion 164.00 (163.70 to 164.70): BGC

Ion 162.00 (161.70 to 162.70): BGC

Ion 160.00 (159.70 to 160.70): BGC





#42

2,4,6-Tribromophenol

Concen: 153.365 ng

RT: 16.18 min Scan# 2228

Delta R.T. -0.01 min

Lab File: BG038913.D

Acq: 3 Jan 2019 21:20

Instrument :

BNA_G

ClientSampleId :

AU-05-010219-D

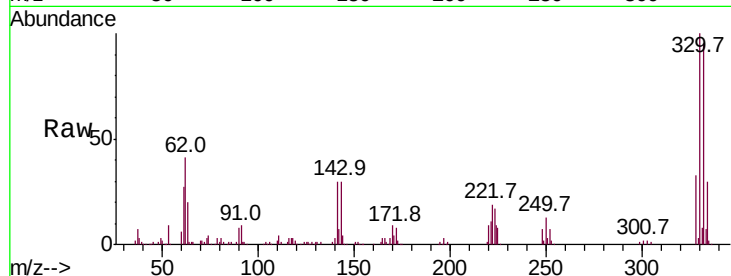
Tot Ion:330 Resp: 167477

Ion Ratio Lower Upper

330 100

332 94.9 76.9 115.3

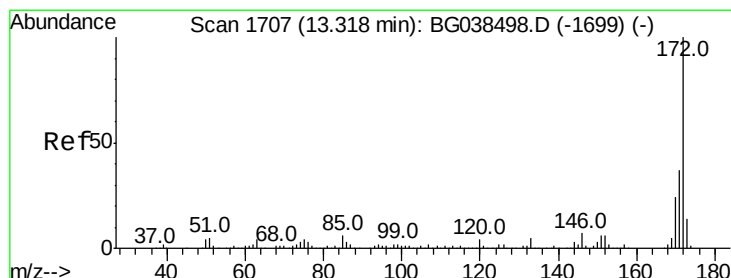
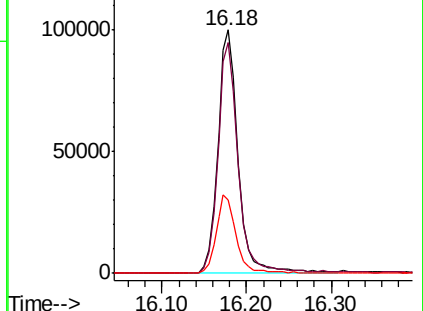
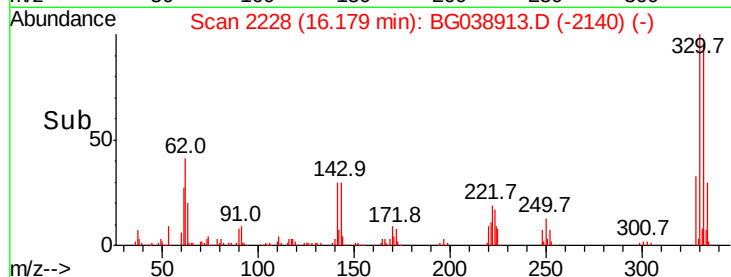
141 31.9 28.8 43.2



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: 87.471 ng

RT: 13.31 min Scan# 1739

Delta R.T. -0.01 min

Lab File: BG038913.D

Acq: 3 Jan 2019 21:20

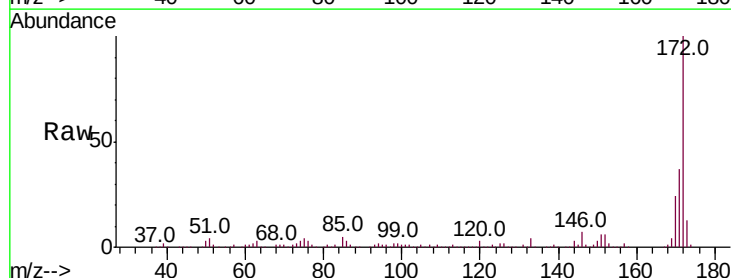
Tgt Ion:172 Resp: 505220

Ion Ratio Lower Upper

172 100

171 37.4 29.8 44.6

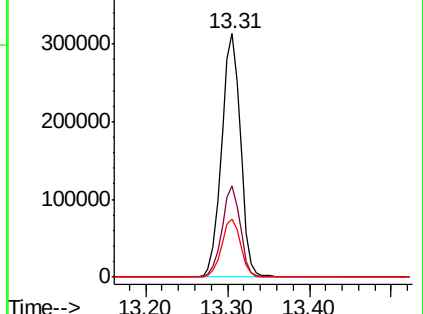
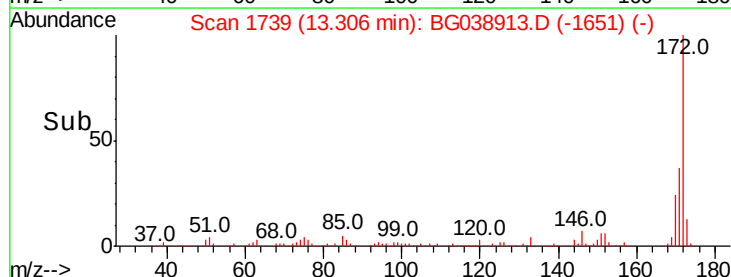
170 24.0 19.5 29.3

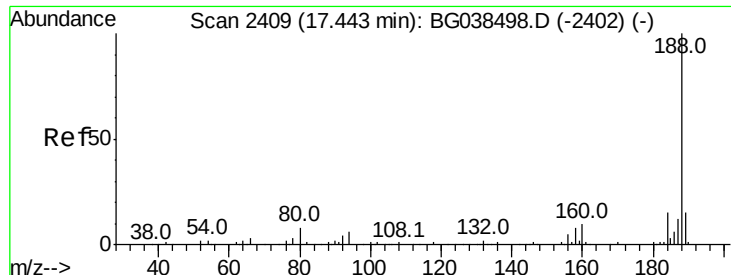


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

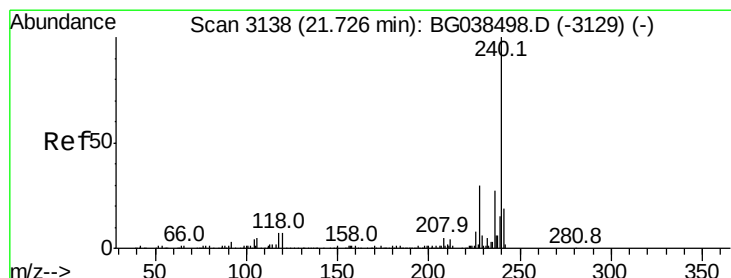
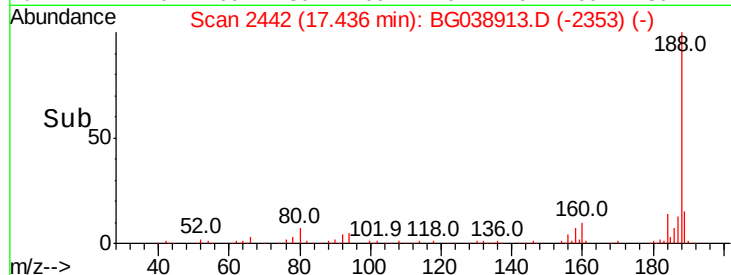
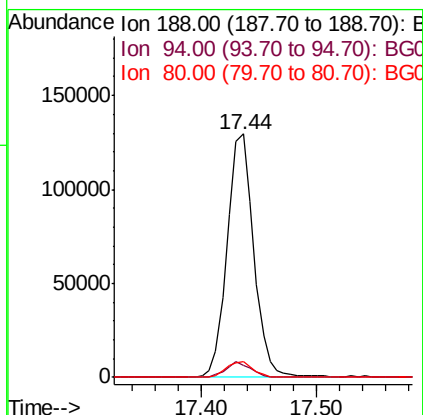
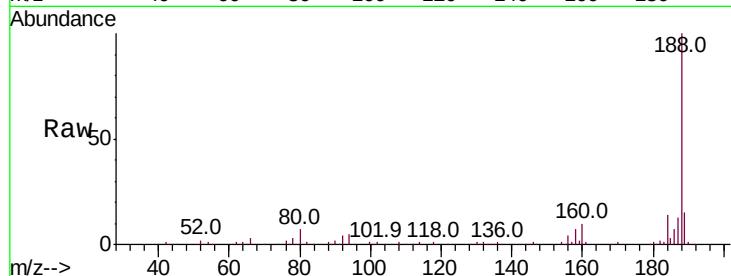




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2442
Delta R.T. -0.01 min
Lab File: BG038913.D
Acq: 3 Jan 2019 21:20

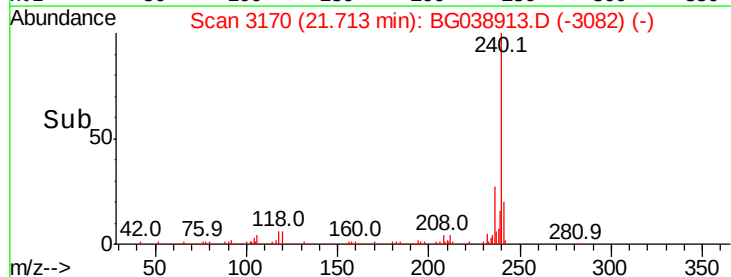
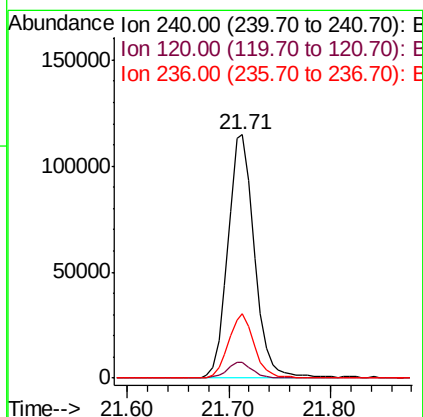
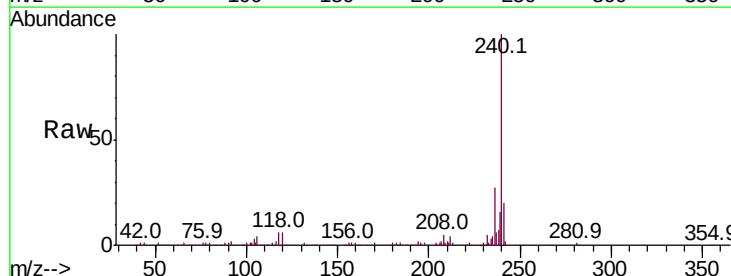
Instrument :
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AU-05-010219-D

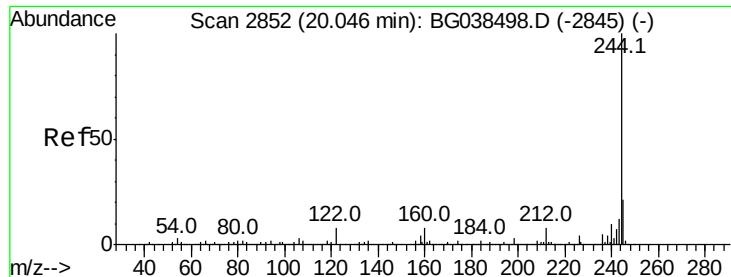
Tot Ion:188 Resp: 207319
Ion Ratio Lower Upper
188 100
94 5.1 5.1 7.7
80 6.5 6.1 9.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.71 min Scan# 3170
Delta R.T. -0.01 min
Lab File: BG038913.D
Acq: 3 Jan 2019 21:20

Tgt Ion:240 Resp: 208357
Ion Ratio Lower Upper
240 100
120 6.4 5.3 7.9
236 26.6 21.4 32.2





#79

Terphenyl-d14

Concen: 107.131 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.01 min

Lab File: BG038913.D

Acq: 3 Jan 2019 21:20

Instrument :

BNA_G

ClientSampleId :

AU-05-010219-D

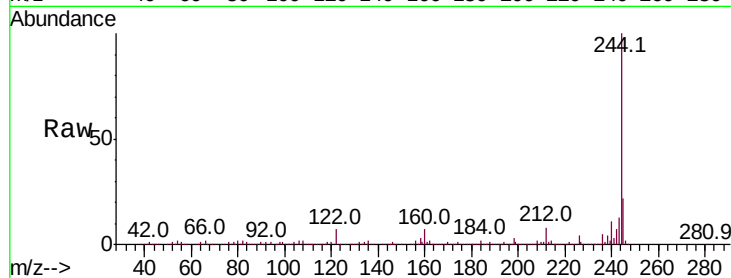
Tot Ion:244 Resp: 1025646

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

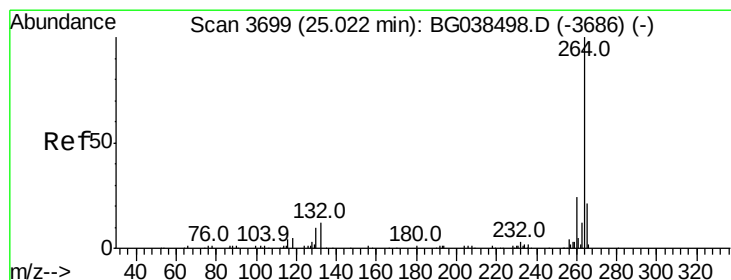
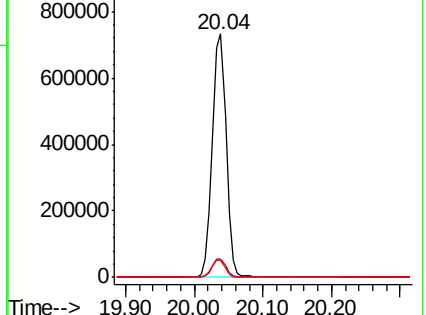
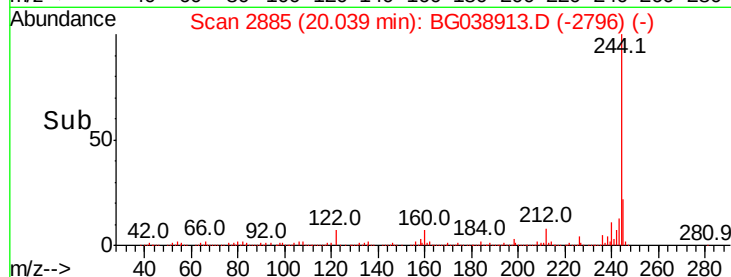
122 7.1 6.3 9.5



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# 3730

Delta R.T. -0.02 min

Lab File: BG038913.D

Acq: 3 Jan 2019 21:20

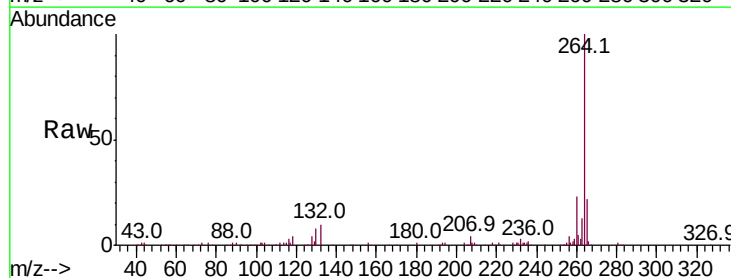
Tgt Ion:264 Resp: 214201

Ion Ratio Lower Upper

264 100

260 22.6 18.9 28.3

265 21.9 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

