

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010319\
 Data File : BG038911.D
 Acq On : 3 Jan 2019 20:01
 Operator : JU/SJ
 Sample : K1002-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Jan 04 04:41:24 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	27311	20.00	ng	-0.01
21) Naphthalene-d8	10.86	136	110139	20.00	ng	-0.02
39) Acenaphthene-d10	14.69	164	79933	20.00	ng	-0.01
64) Phenanthrene-d10	17.44	188	212023	20.00	ng	0.00
76) Chrysene-d12	21.71	240	215440	20.00	ng	-0.01
87) Perylene-d12	25.01	264	225208	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	204335	132.70	ng	0.00
7) Phenol-d6	7.21	99	259840	122.92	ng	0.00
23) Nitrobenzene-d5	9.23	82	187674	87.05	ng	-0.01
42) 2,4,6-Tribromophenol	16.18	330	166877	151.48	ng	-0.01
45) 2-Fluorobiphenyl	13.30	172	511419	87.77	ng	-0.01
79) Terphenyl-d14	20.04	244	1038189	104.88	ng	0.00

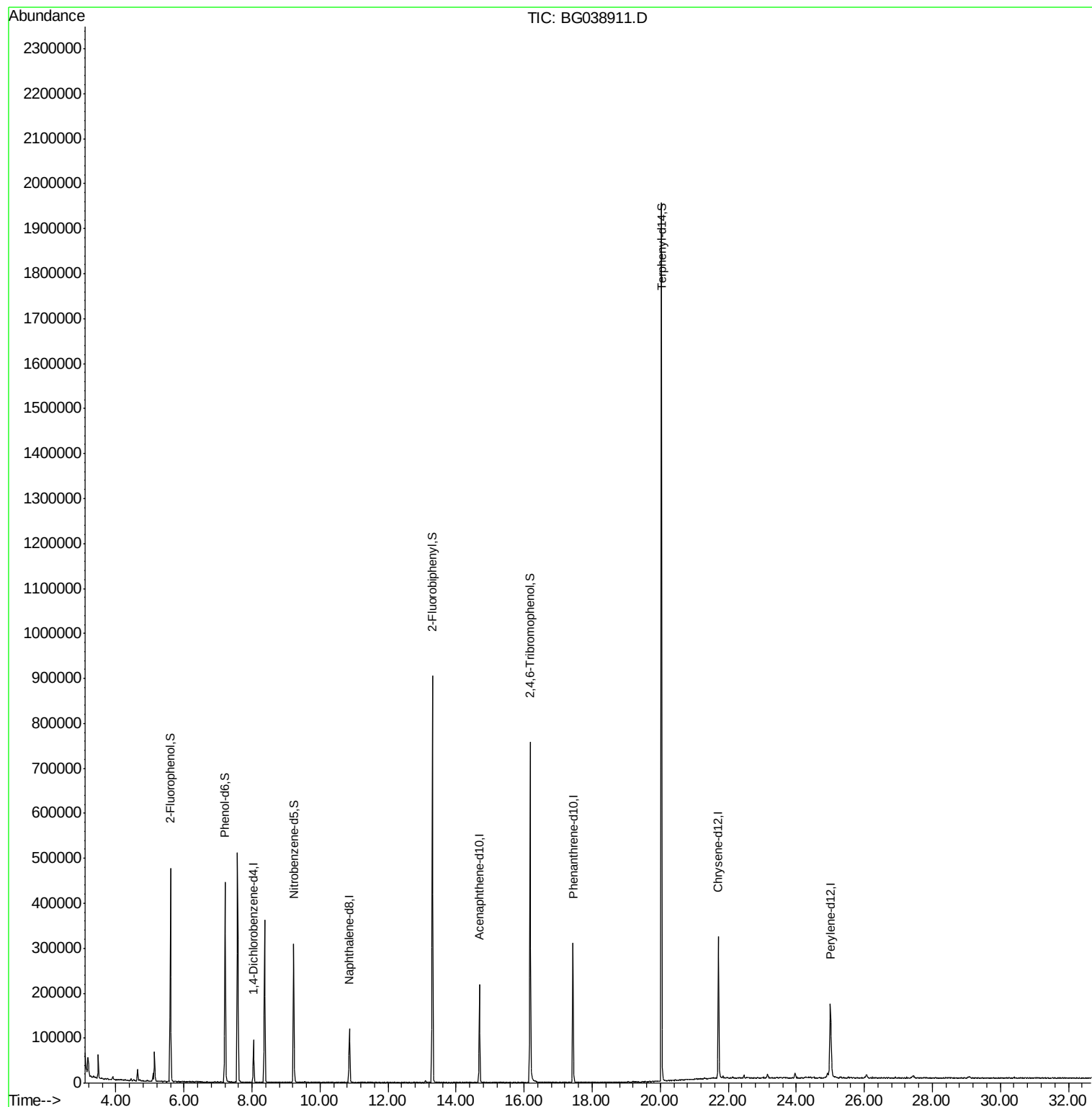
Target Compounds Qvalue

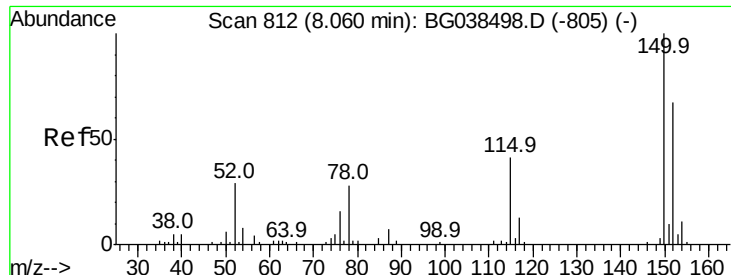
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG038911.D

Acq: 3 Jan 2019 20:01

Instrument :

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ClientSampleId :

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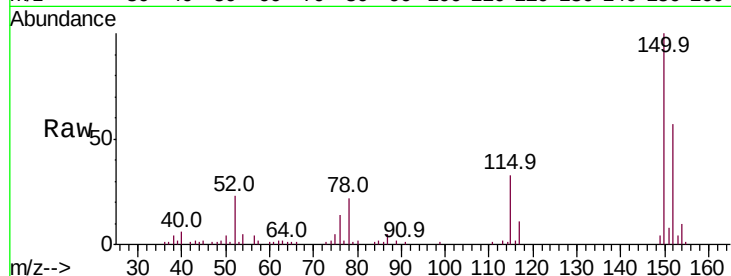
Tot Ion:152 Resp: 27311

Ion Ratio Lower Upper

152 100

150 174.1 119.5 179.3

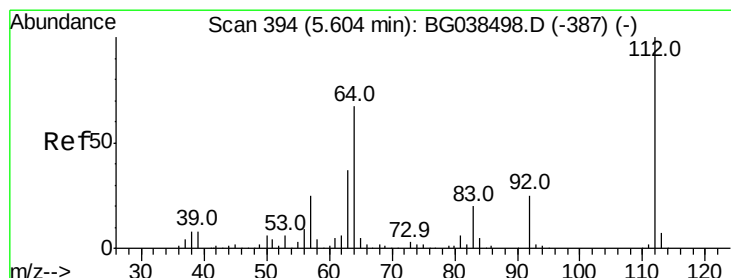
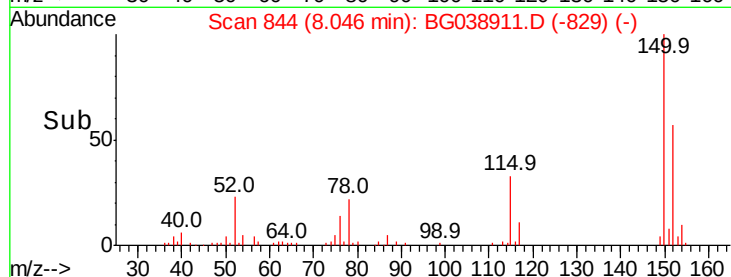
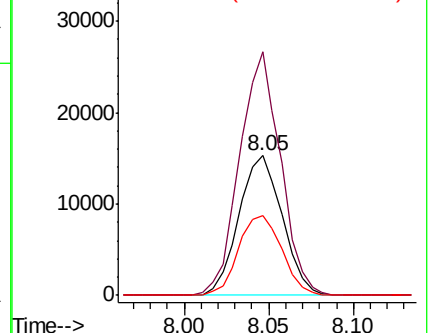
115 57.4 49.6 74.4



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: 132.701 ng

RT: 5.60 min Scan# 428

Delta R.T. -0.00 min

Lab File: BG038911.D

Acq: 3 Jan 2019 20:01

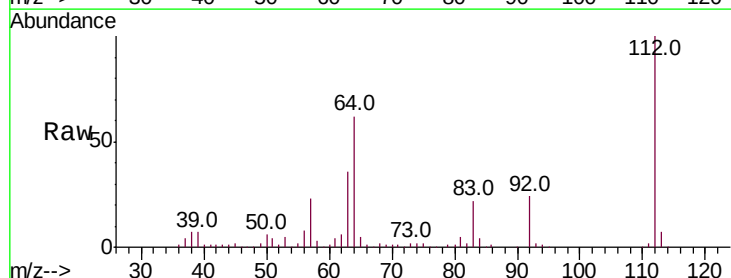
Tgt Ion:112 Resp: 204335

Ion Ratio Lower Upper

112 100

64 62.2 53.4 80.2

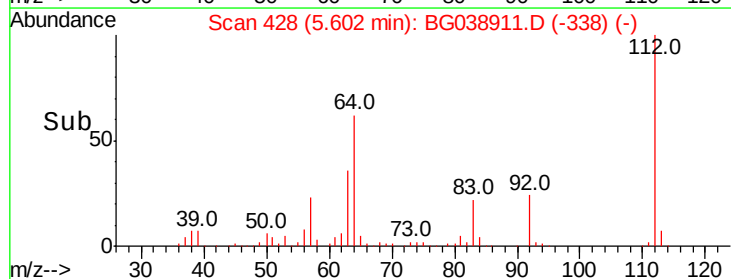
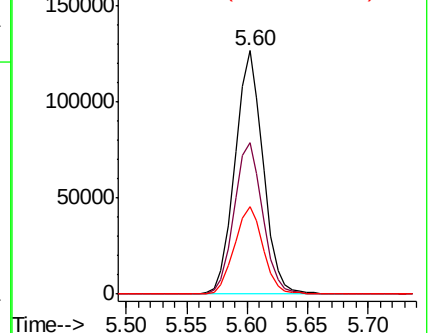
63 35.8 29.3 43.9

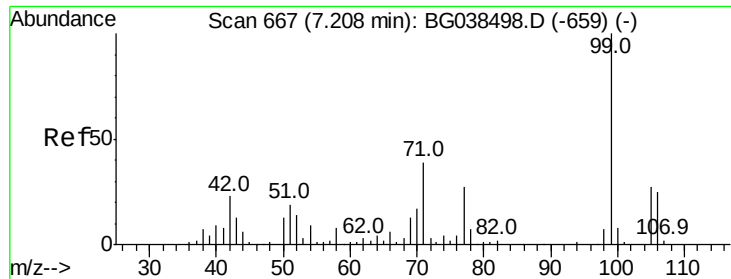


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 122.921 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.00 min

Lab File: BG038911.D

Acq: 3 Jan 2019 20:01

Instrument :

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ClientSampleId :

AU-05-010219-B

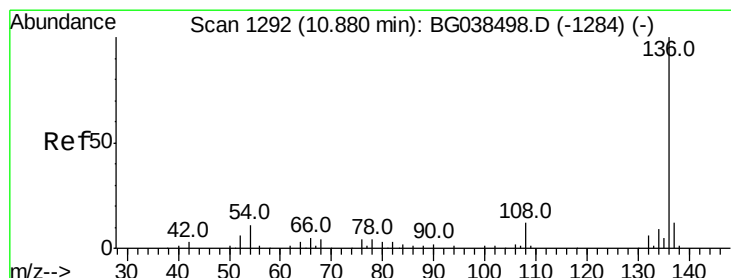
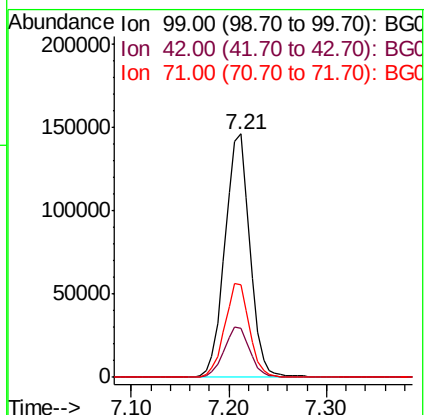
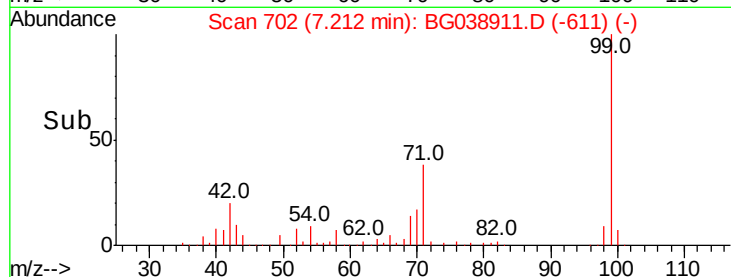
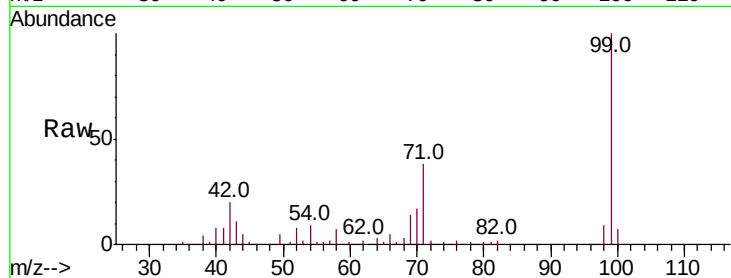
Tot Ion: 99 Resp: 259840

Ion Ratio Lower Upper

99 100

42 20.2 18.5 27.7

71 38.0 31.1 46.7



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.86 min Scan# 1323

Delta R.T. -0.02 min

Lab File: BG038911.D

Acq: 3 Jan 2019 20:01

Tgt Ion: 136 Resp: 110139

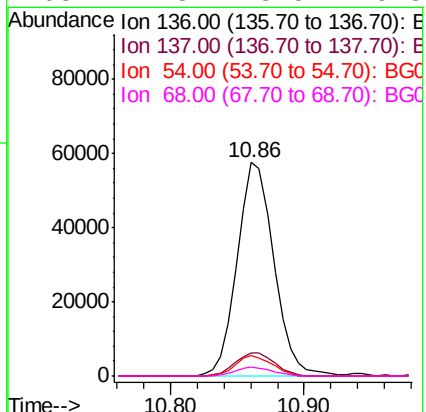
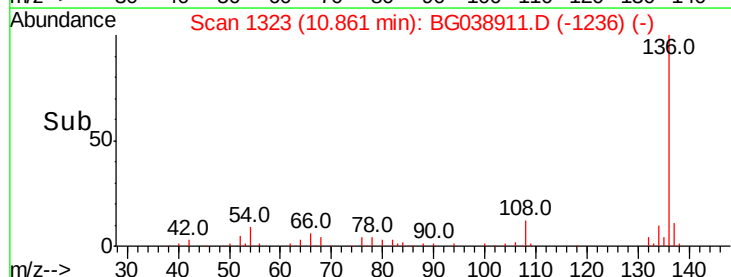
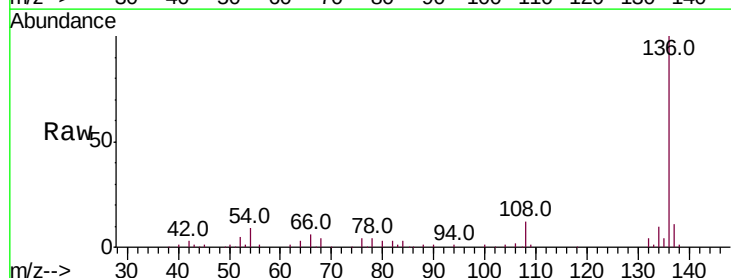
Ion Ratio Lower Upper

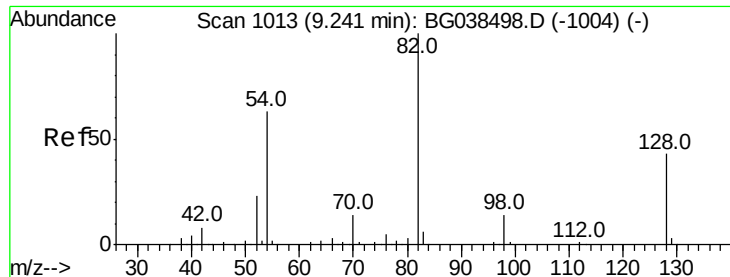
136 100

137 10.7 9.3 13.9

54 9.5 8.5 12.7

68 4.3 3.5 5.3





#23

Nitrobenzene-d5

Concen: 87.051 ng

RT: 9.23 min Scan# 1045

Delta R.T. -0.01 min

Lab File: BG038911.D

Acq: 3 Jan 2019 20:01

Instrument :

BNA_G

ClientSampleId :

AU-05-010219-B

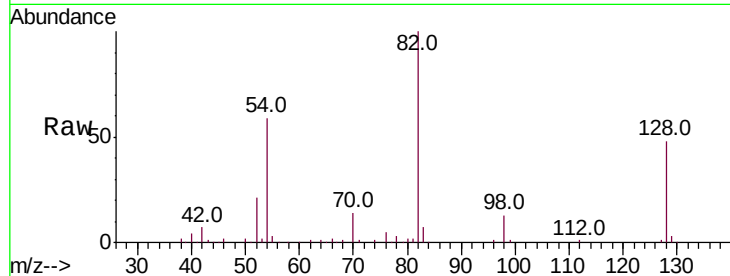
Tot Ion: 82 Resp: 187674

Ion Ratio Lower Upper

82 100

128 47.7 34.6 52.0

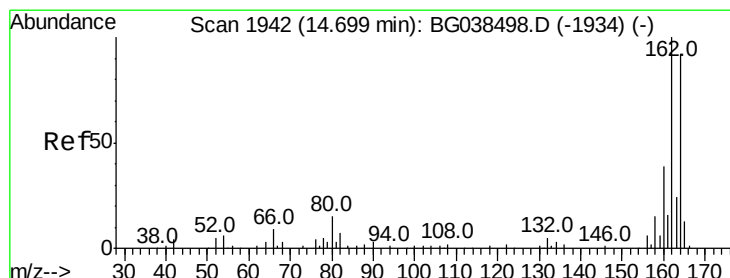
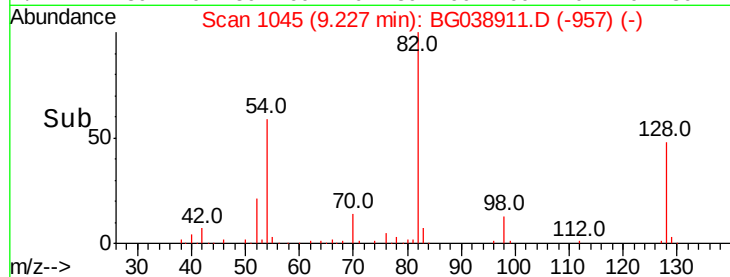
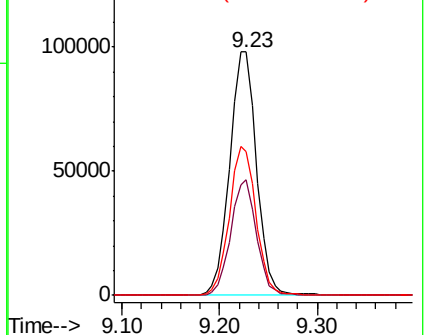
54 58.9 50.6 76.0



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: BG038911.D

Acq: 3 Jan 2019 20:01

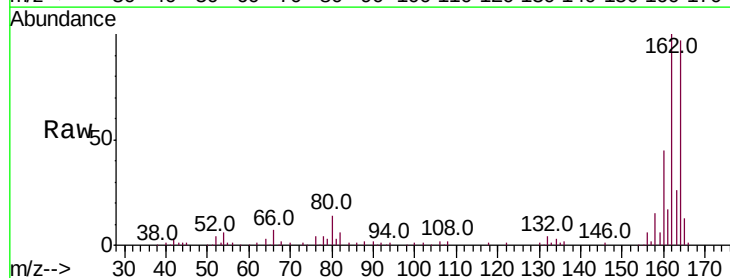
Tgt Ion:164 Resp: 79933

Ion Ratio Lower Upper

164 100

162 103.6 86.6 130.0

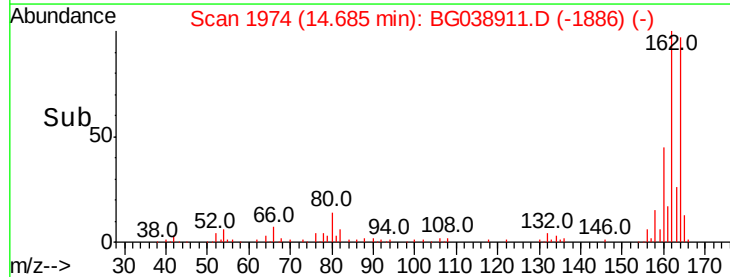
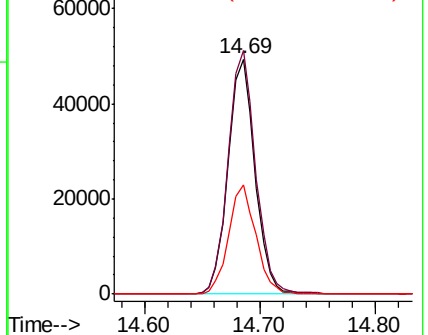
160 46.7 34.2 51.2

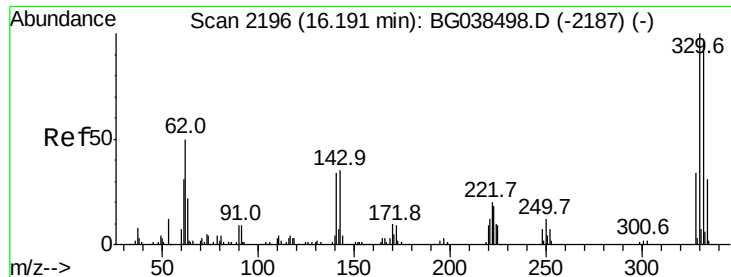


Abundance Ion 164.00 (163.70 to 164.70): BGC

Ion 162.00 (161.70 to 162.70): BGC

Ion 160.00 (159.70 to 160.70): BGC





#42

2,4,6-Tribromophenol

Concen: 151.483 ng

RT: 16.18 min Scan# 2228

Delta R.T. -0.01 min

Lab File: BG038911.D

Acq: 3 Jan 2019 20:01

Instrument :

BNA_G

ClientSampleId :

AU-05-010219-B

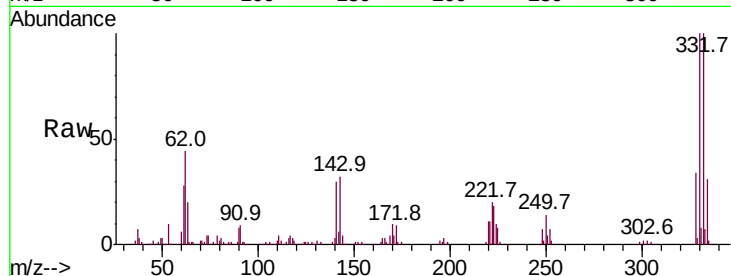
Tot Ion:330 Resp: 166877

Ion Ratio Lower Upper

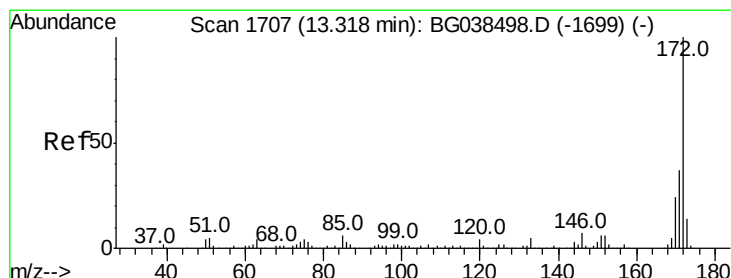
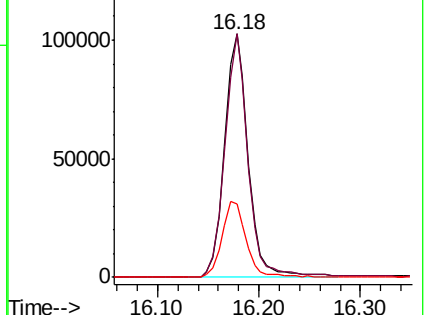
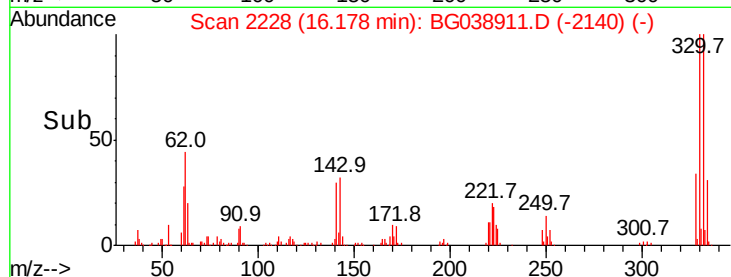
330 100

332 97.8 76.9 115.3

141 32.0 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: 87.772 ng

RT: 13.30 min Scan# 1739

Delta R.T. -0.01 min

Lab File: BG038911.D

Acq: 3 Jan 2019 20:01

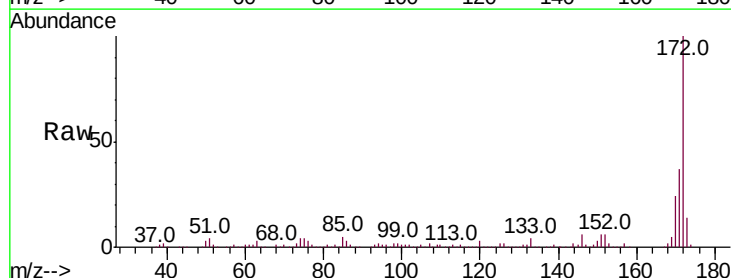
Tgt Ion:172 Resp: 511419

Ion Ratio Lower Upper

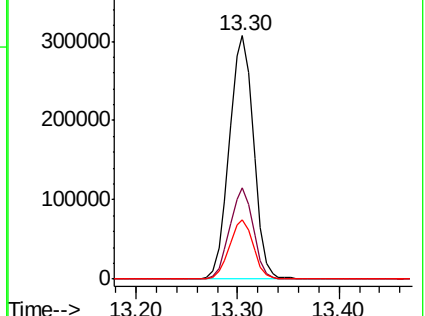
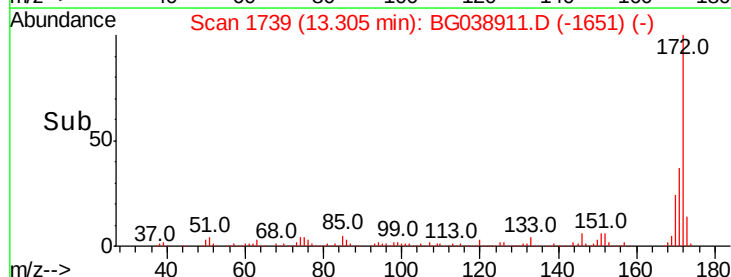
172 100

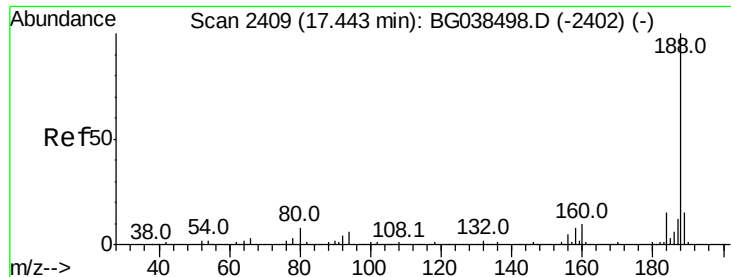
171 37.5 29.8 44.6

170 24.3 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

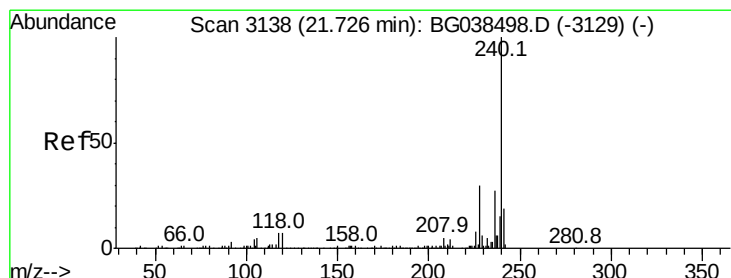
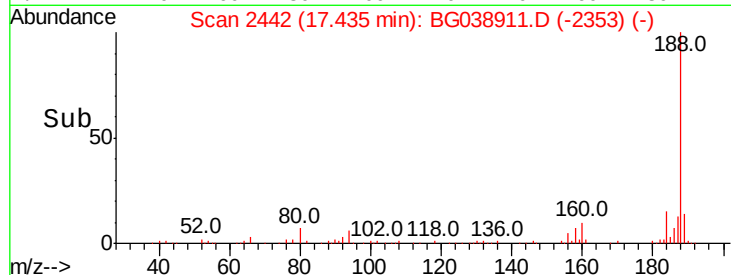
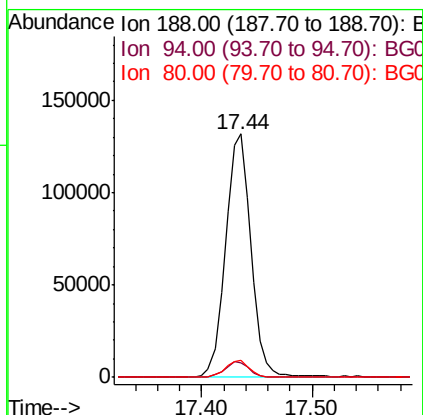
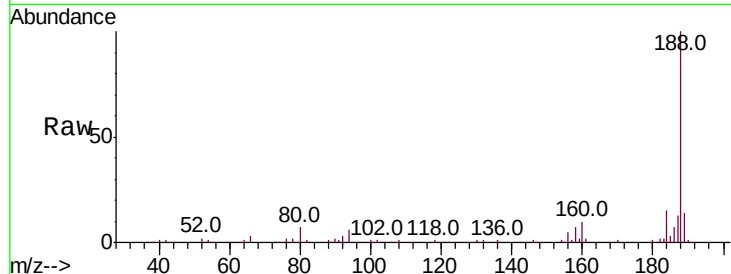




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.44 min Scan# 2442
 Delta R.T. -0.01 min
 Lab File: BG038911.D
 Acq: 3 Jan 2019 20:01

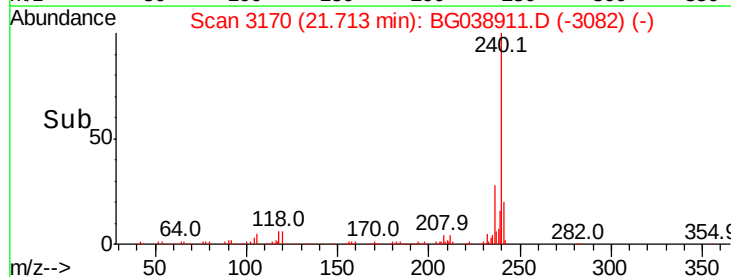
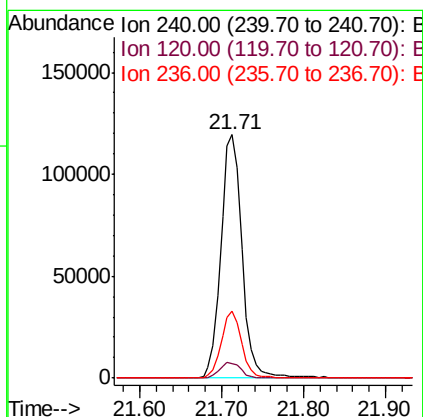
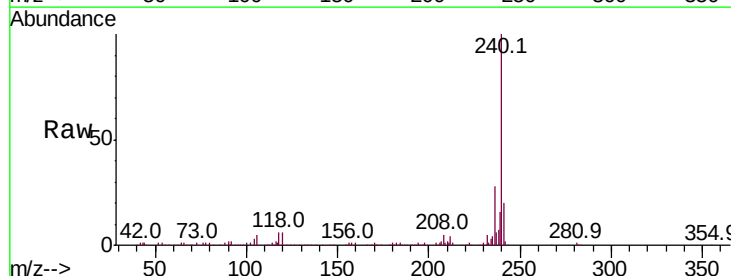
Instrument :
 BNA_G
 ClientSampleId :
 AU-05-010219-B

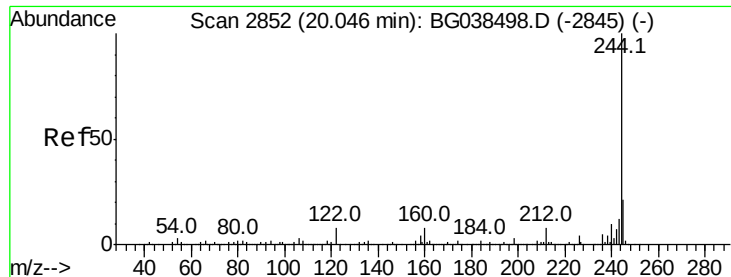
Tot Ion:188 Resp: 212023
 Ion Ratio Lower Upper
 188 100
 94 6.0 5.1 7.7
 80 7.1 6.1 9.1



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.71 min Scan# 3170
 Delta R.T. -0.01 min
 Lab File: BG038911.D
 Acq: 3 Jan 2019 20:01

Tgt Ion:240 Resp: 215440
 Ion Ratio Lower Upper
 240 100
 120 6.0 5.3 7.9
 236 27.6 21.4 32.2





#79

Terphenyl-d14

Concen: 104.876 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.01 min

Lab File: BG038911.D

Acq: 3 Jan 2019 20:01

Instrument :

BNA_G

ClientSampleId :

AU-05-010219-B

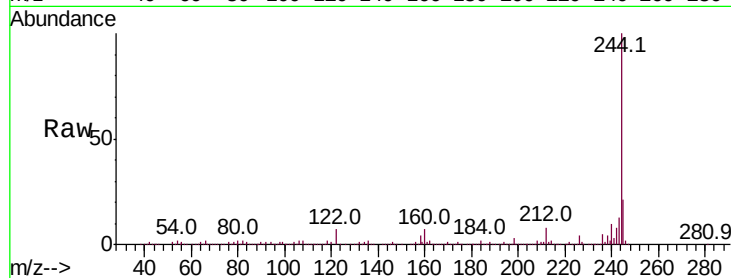
Tot Ion:244 Resp: 1038189

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

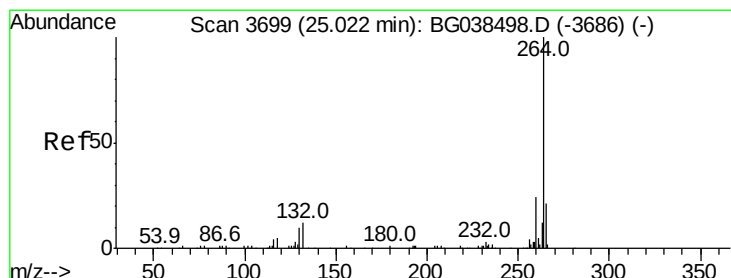
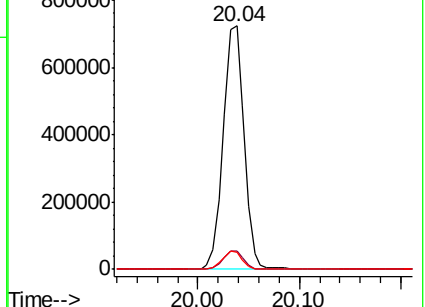
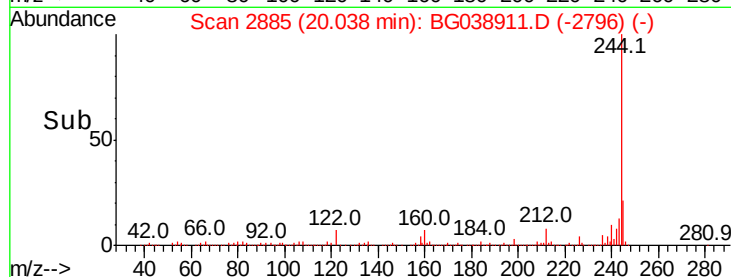
122 6.9 6.3 9.5



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: 25.01 min Scan# 3731

Delta R.T. -0.01 min

Lab File: BG038911.D

Acq: 3 Jan 2019 20:01

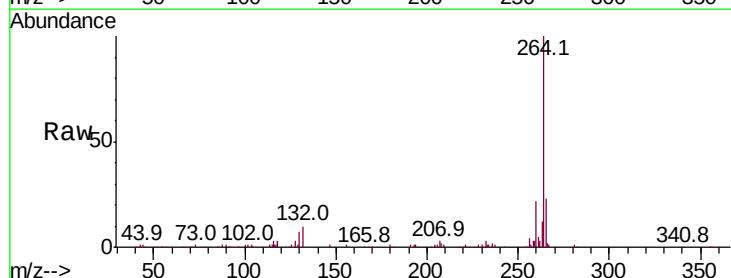
Tgt Ion:264 Resp: 225208

Ion Ratio Lower Upper

264 100

260 22.0 18.9 28.3

265 22.7 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

