

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121318\
 Data File : BG038553.D
 Acq On : 14 Dec 2018 4:34
 Operator : JU/SJ
 Sample : MECL2
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MECL2

Quant Time: Dec 14 06:05:36 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	17650	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	74673	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	52377	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	139644	20.00	ng	0.00
76) Chrysene-d12	21.72	240	142989	20.00	ng	0.00
87) Perylene-d12	25.01	264	154300	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units
5) 2-Fluorophenol	0.00	112	0	0.00	ng
7) Phenol-d6	0.00	99	0	0.00	ng
23) Nitrobenzene-d5	0.00	82	0	0.00	ng
42) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng
45) 2-Fluorobiphenyl	0.00	172	0	0.00	ng
79) Terphenyl-d14	0.00	244	0	0.00	ng

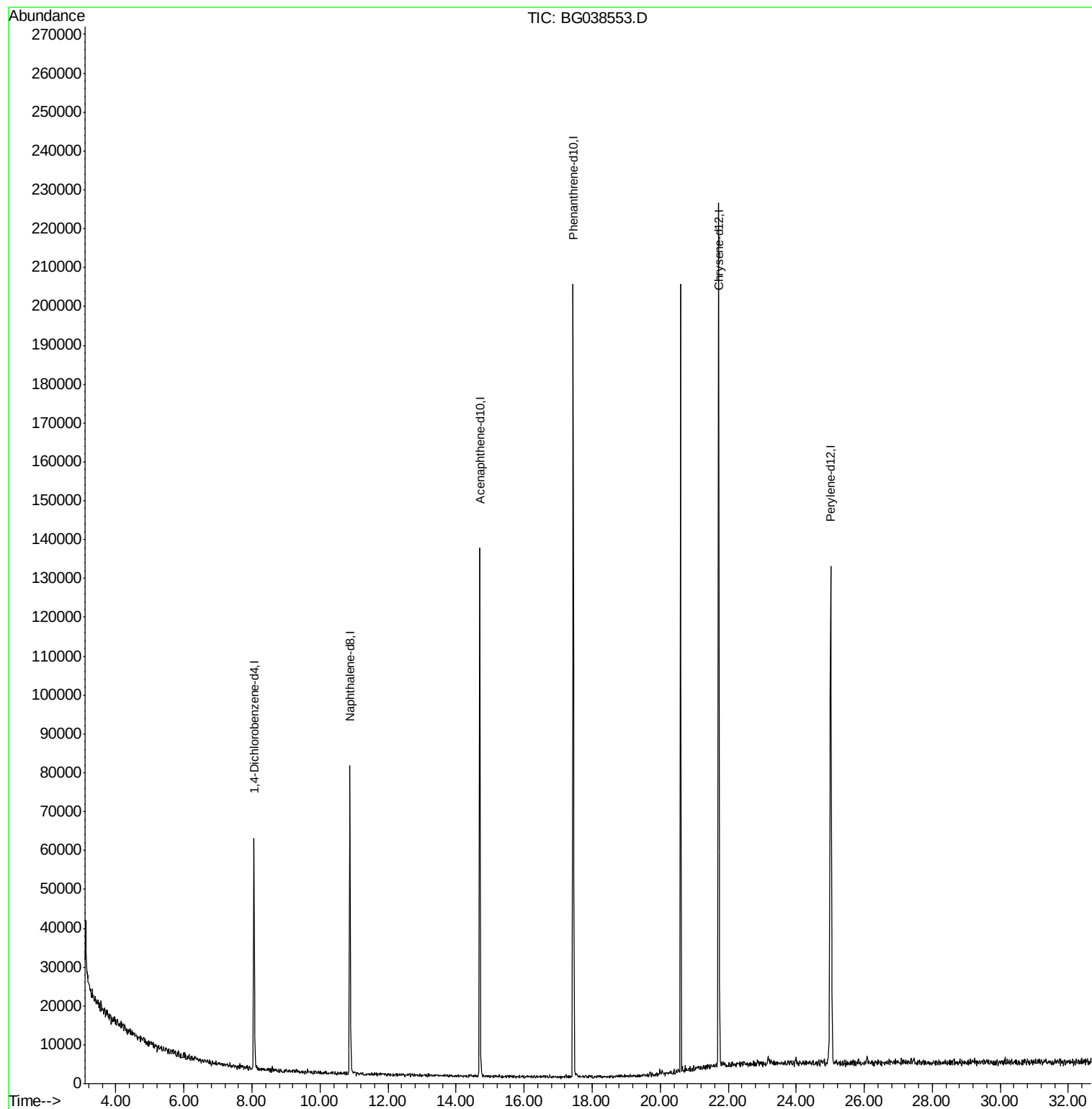
Target Compounds	Qvalue
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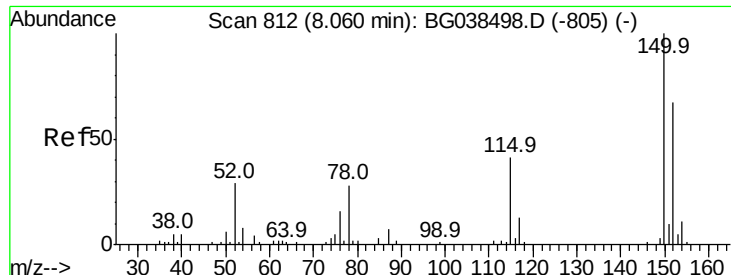
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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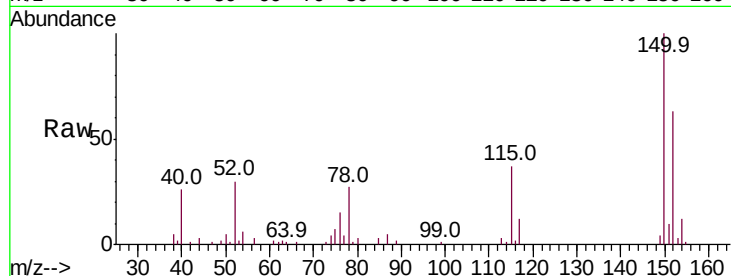


#1

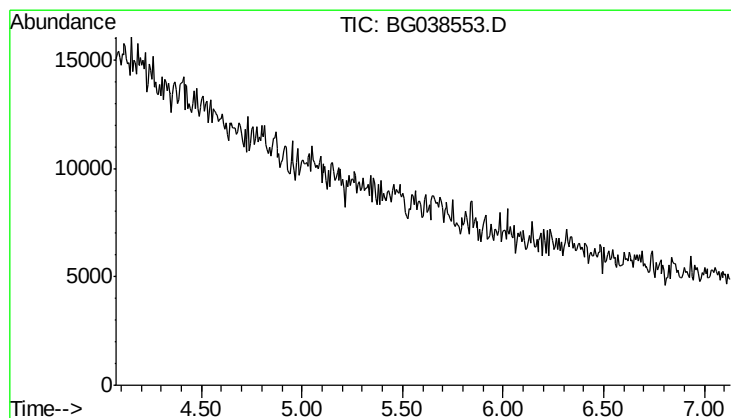
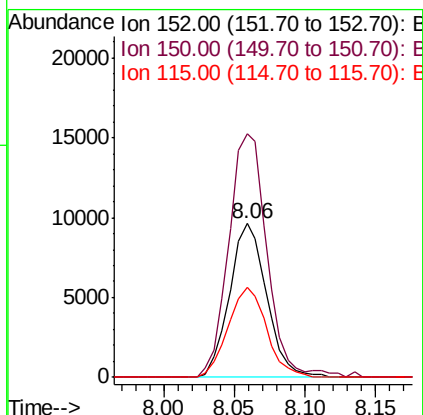
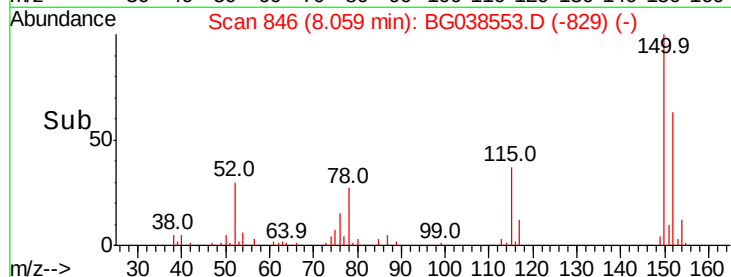
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.06 min Scan# 846
 Delta R.T. -0.00 min
 Lab File: BG038553.D
 Acq: 14 Dec 2018 4:34

Instrument :
 BNA_G
 ClientSampleId :
 MECL2

Tot Ion:152 Resp: 17650
 Ion Ratio Lower Upper
 152 100
 150 158.5 119.5 179.3
 115 58.5 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

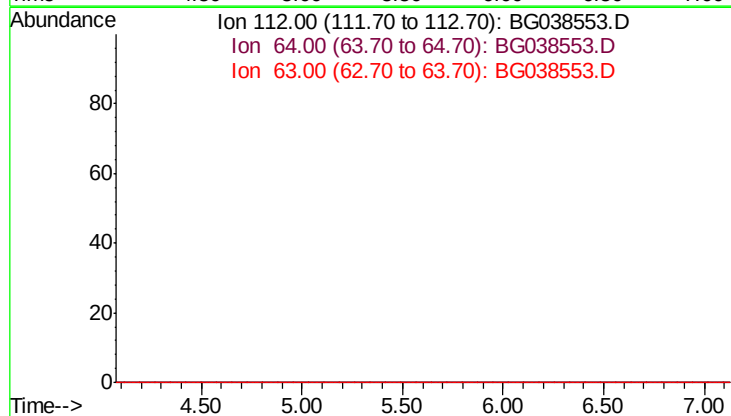


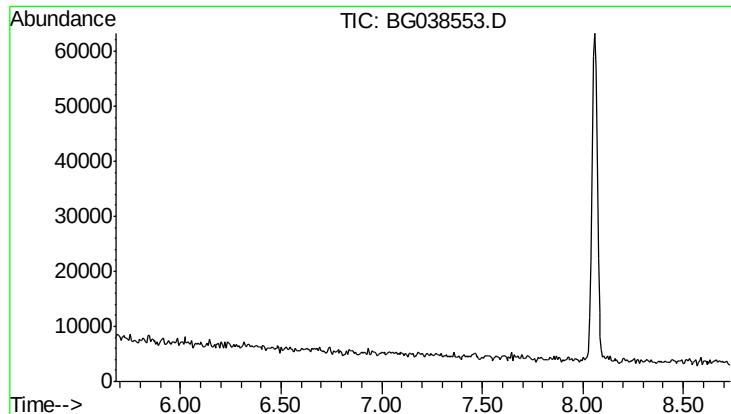
#5

2-Fluorophenol
 Concen: 0.000 ng
 Expected RT: 5.60 min

Lab File: BG038553.D
 Acq: 14 Dec 2018 4:34

Tgt Ion: 112
 Sig Exp Ratio
 112 100
 64 66.8
 63 36.6





#7

Phenol-d6

Concen: 0.000 ng

Expected RT: 7.21 min

Lab File: BG038553.D

Acq: 14 Dec 2018 4:34

Instrument :

BNA_G

ClientSampleId :

MECL2

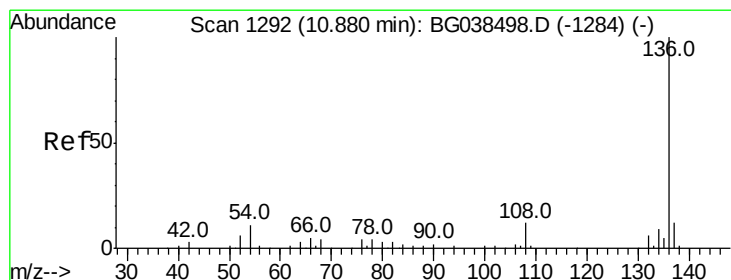
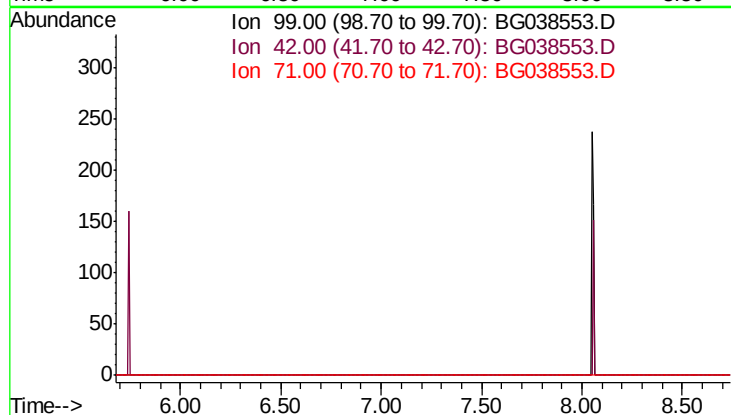
Tot Ion: 99

Sig Exp Ratio

99 100

42 23.1

71 38.9



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.88 min Scan# 1326

Delta R.T. -0.00 min

Lab File: BG038553.D

Acq: 14 Dec 2018 4:34

Tgt Ion:136 Resp: 74673

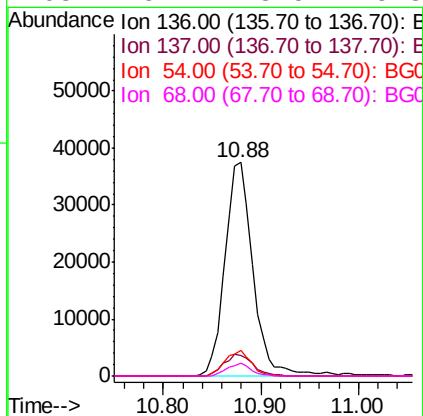
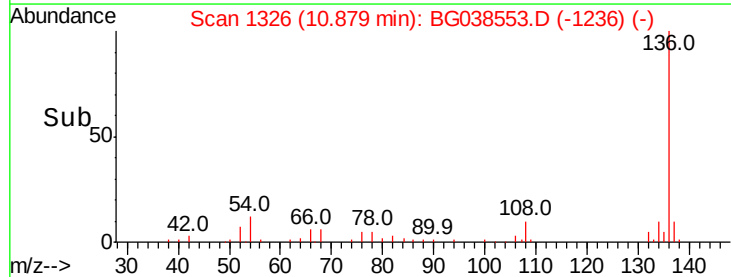
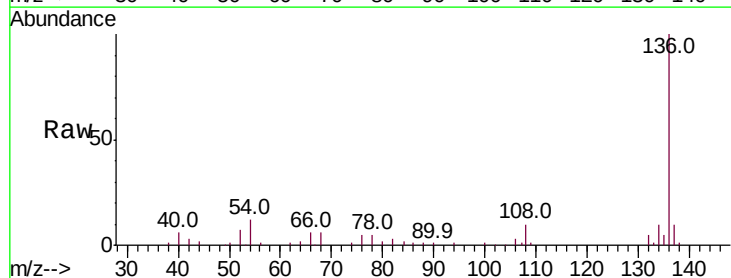
Ion Ratio Lower Upper

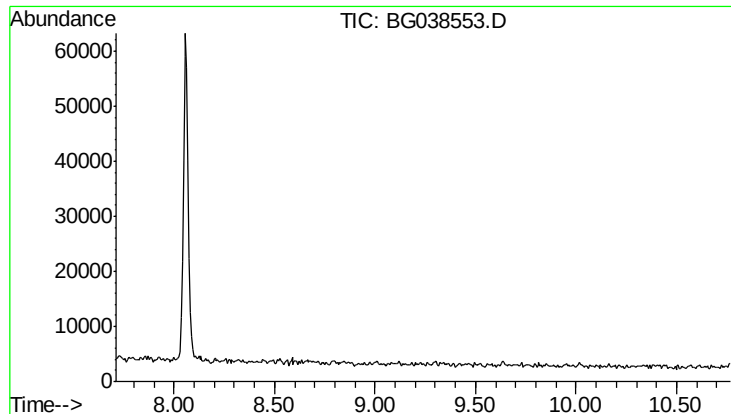
136 100

137 9.7 9.3 13.9

54 12.0 8.5 12.7

68 5.7 3.5 5.3#

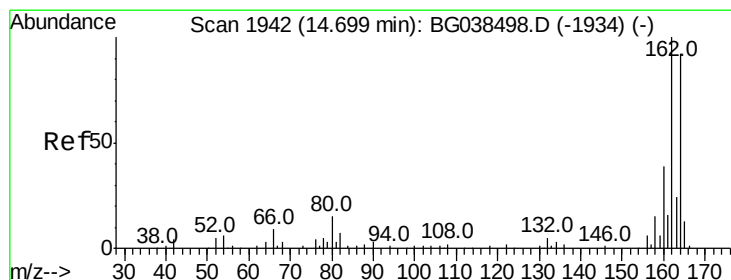
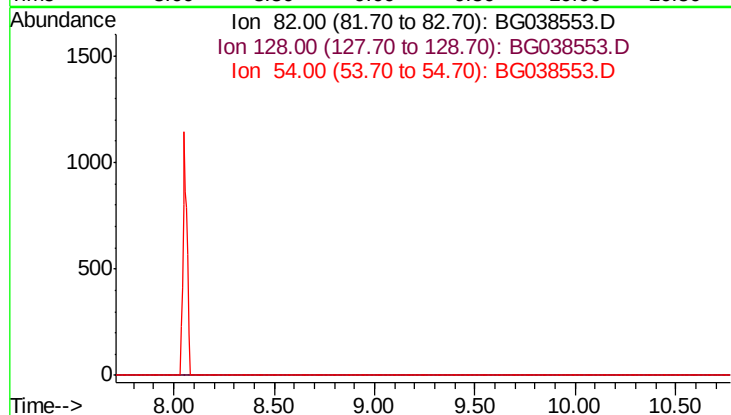




#23
 Nitrobenzene-d5
 Concen: 0.000 ng
 Expected RT: 9.24 min
 Lab File: BG038553.D
 Acq: 14 Dec 2018 4:34

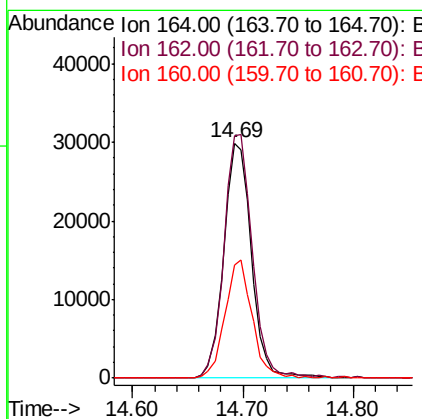
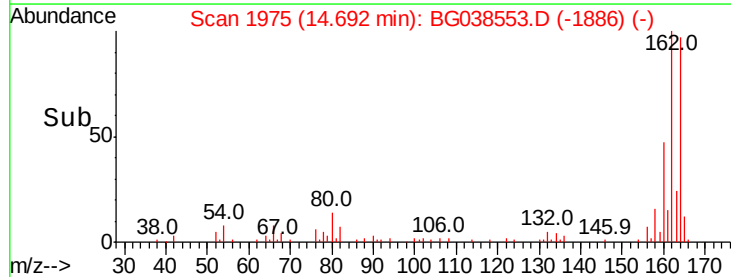
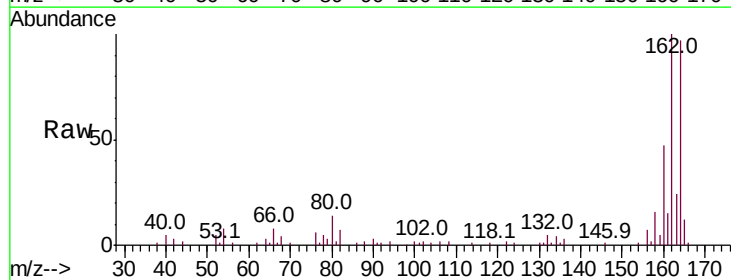
Instrument :
 BNA_G
 ClientSampleId :
 MECL2

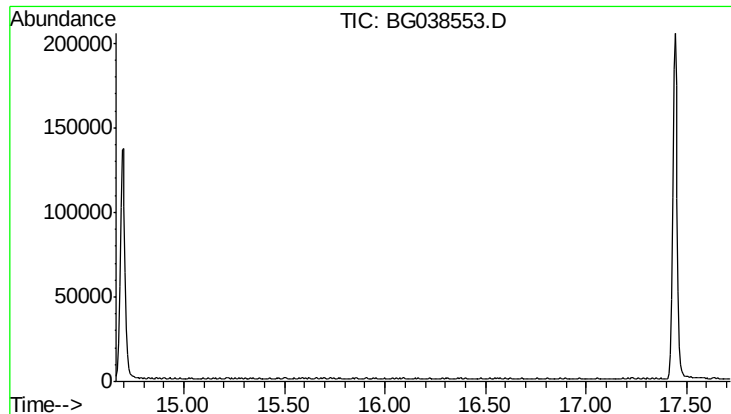
Tot Ion: 82
 Sig Exp Ratio
 82 100
 128 43.3
 54 63.3



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.69 min Scan# 1975
 Delta R.T. -0.01 min
 Lab File: BG038553.D
 Acq: 14 Dec 2018 4:34

Tgt Ion:164 Resp: 52377
 Ion Ratio Lower Upper
 164 100
 162 103.0 86.6 130.0
 160 48.0 34.2 51.2





#42

2,4,6-Tribromophenol

Concen: 0.000 ng

Expected RT: 16.19 min

Lab File: BG038553.D

Acq: 14 Dec 2018 4:34

Instrument :

BNA_G

ClientSampleId :

MECL2

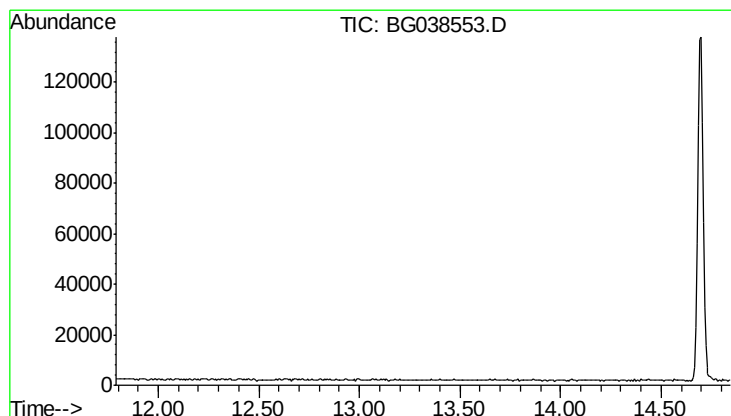
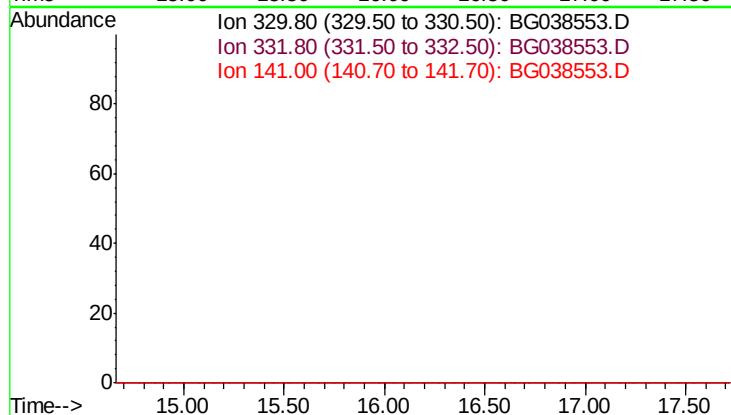
Tot Ion: 330

Sig Exp Ratio

330 100

332 96.1

141 36.0



#45

2-Fluorobiphenyl

Concen: 0.000 ng

Expected RT: 13.32 min

Lab File: BG038553.D

Acq: 14 Dec 2018 4:34

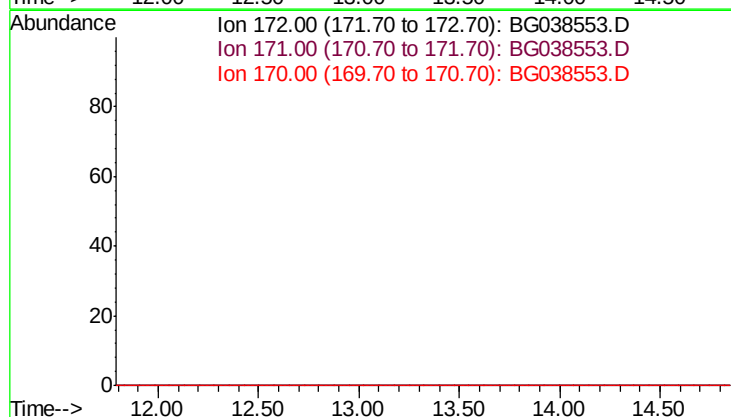
Tgt Ion: 172

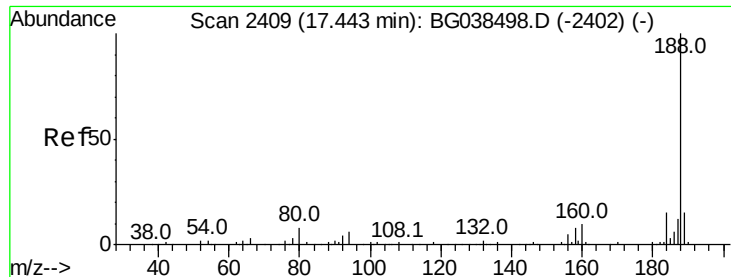
Sig Exp Ratio

172 100

171 37.2

170 24.4

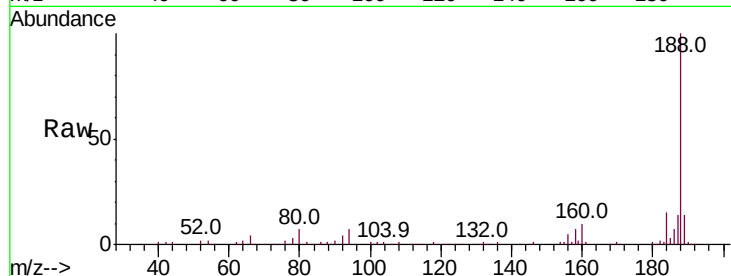




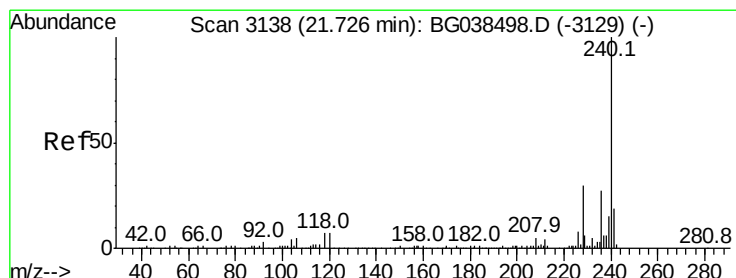
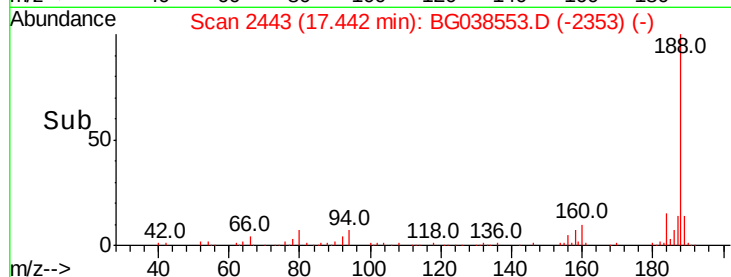
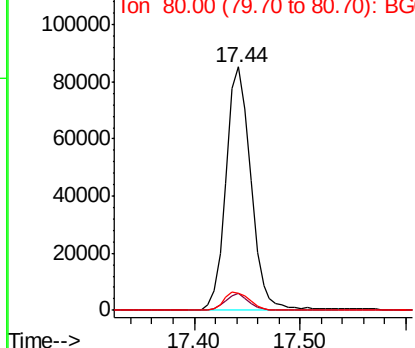
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BG038553.D
Acq: 14 Dec 2018 4:34

Instrument :
BNA_G
ClientSampleId :
MECL2

Tot Ion:188 Resp: 139644
Ion Ratio Lower Upper
188 100
94 6.9 5.1 7.7
80 6.8 6.1 9.1

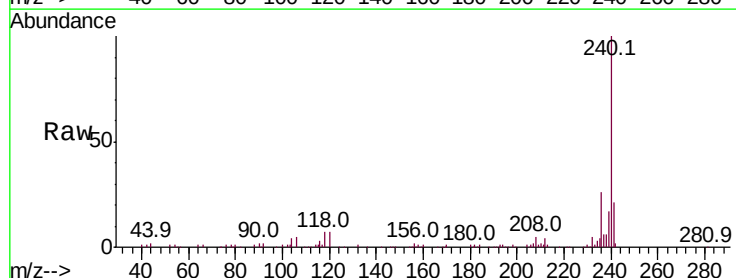


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

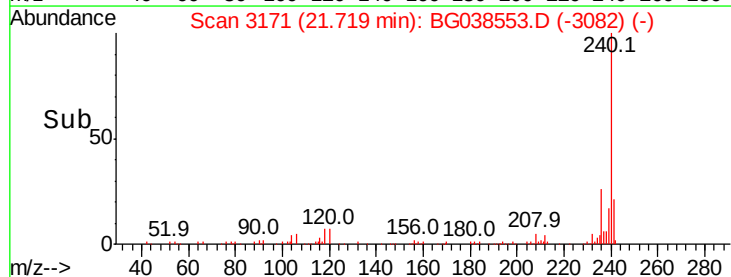
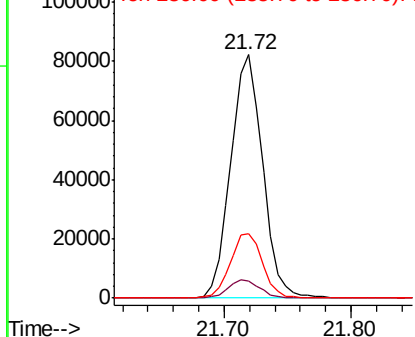


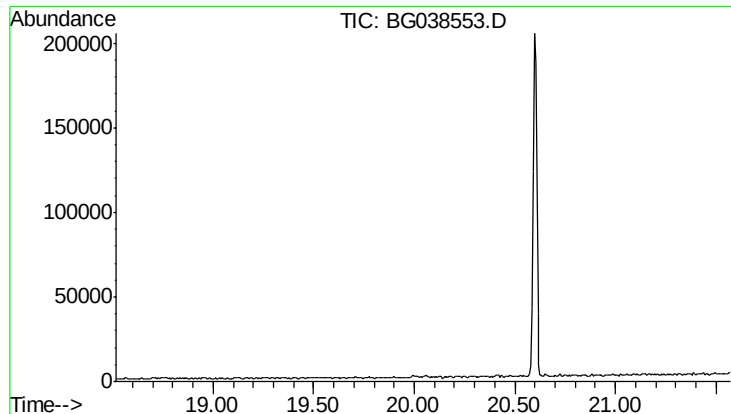
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.72 min Scan# 3171
Delta R.T. -0.01 min
Lab File: BG038553.D
Acq: 14 Dec 2018 4:34

Tgt Ion:240 Resp: 142989
Ion Ratio Lower Upper
240 100
120 6.9 5.3 7.9
236 26.4 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: 0.000 ng

Expected RT: 20.05 min

Lab File: BG038553.D

Acq: 14 Dec 2018 4:34

Instrument :

BNA_G

ClientSampleId :

MECL2

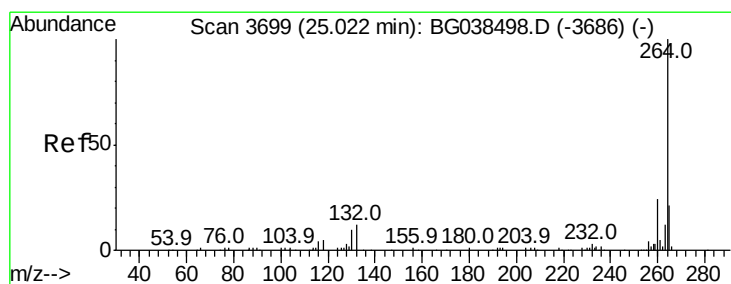
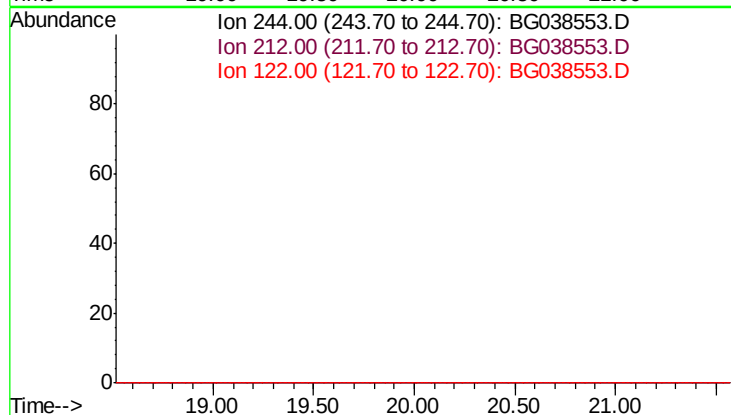
Tot Ion: 244

Sig Exp Ratio

244 100

212 7.7

122 7.9



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.01 min Scan# 3731

Delta R.T. -0.01 min

Lab File: BG038553.D

Acq: 14 Dec 2018 4:34

Tgt Ion: 264 Resp: 154300

Ion Ratio Lower Upper

264 100

260 22.7 18.9 28.3

265 23.0 17.0 25.4

