

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121318\
 Data File : BG038566.D
 Acq On : 14 Dec 2018 13:08
 Operator : JU/SJ
 Sample : J6329-02
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 072-DUP-1

Quant Time: Dec 14 14:09:48 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

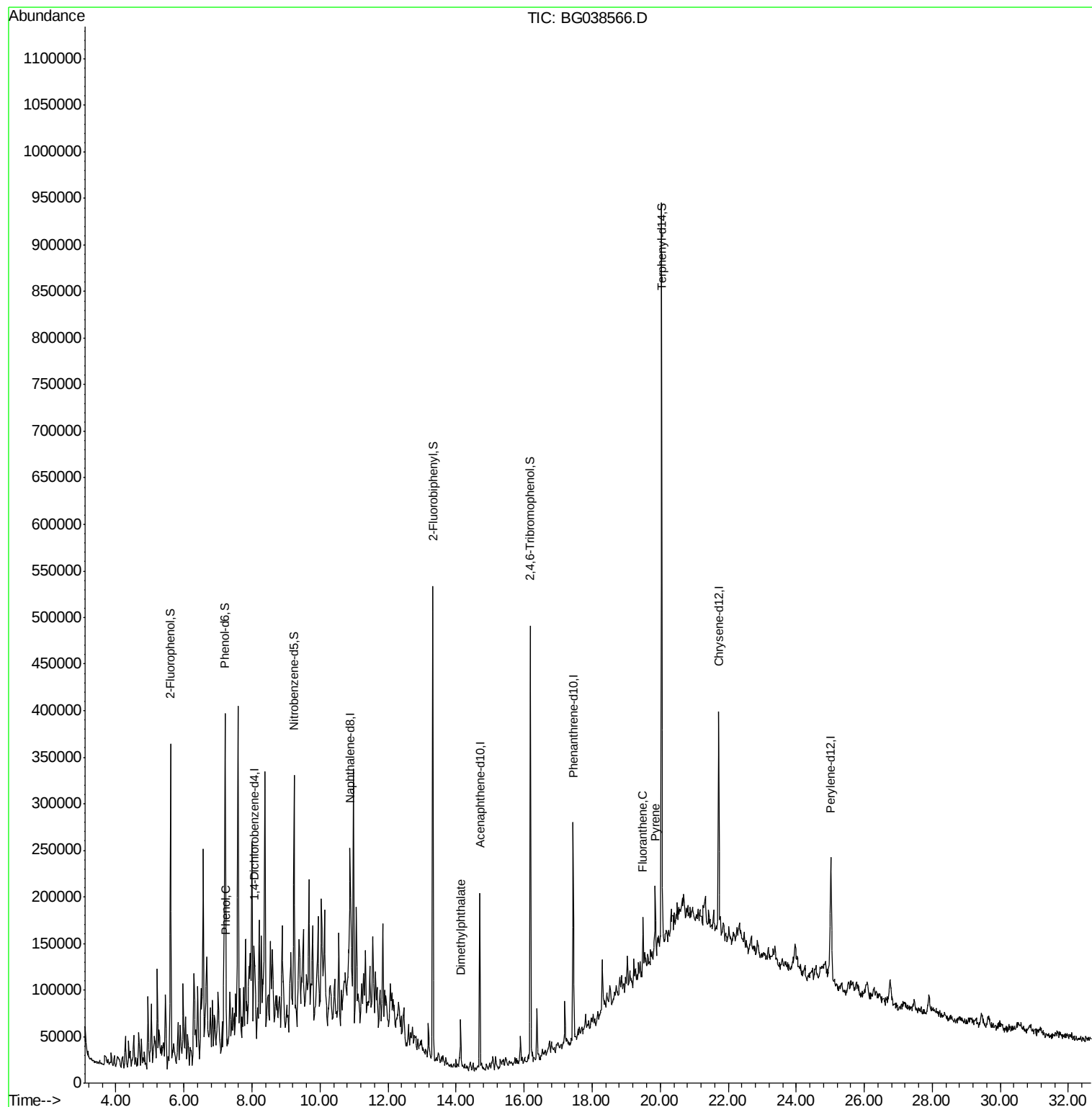
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	23913	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	97379	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	66083	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	146525	20.00	ng	0.00
76) Chrysene-d12	21.72	240	140107	20.00	ng	0.00
87) Perylene-d12	25.01	264	153743	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	140851	104.47	ng	0.00
7) Phenol-d6	7.21	99	191155	103.28	ng	0.00
23) Nitrobenzene-d5	9.23	82	121064	63.51	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	89461	98.23	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	268749	55.79	ng	0.00
79) Terphenyl-d14	20.04	244	384944	59.79	ng	0.00
Target Compounds						
10) Phenol	7.24	94	13876	7.057	ng	94
50) Dimethylphthalate	14.14	163	21260	3.940	ng	98
75) Fluoranthene	19.49	202	37344	3.972	ng	95
78) Pyrene	19.86	202	40898	4.419	ng	97

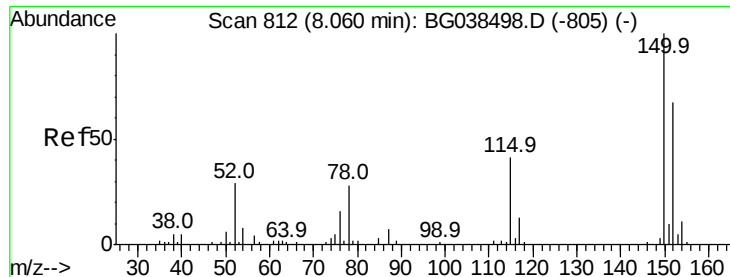
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG038566.D

Acq: 14 Dec 2018 13:08

Instrument :

BNA_G

ClientSampleId :

072-DUP-1

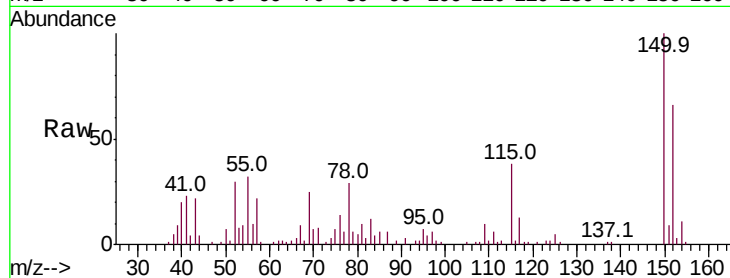
Tot Ion:152 Resp: 23913

Ion Ratio Lower Upper

152 100

150 151.9 119.5 179.3

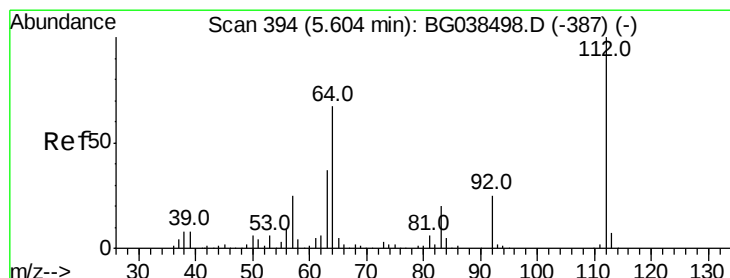
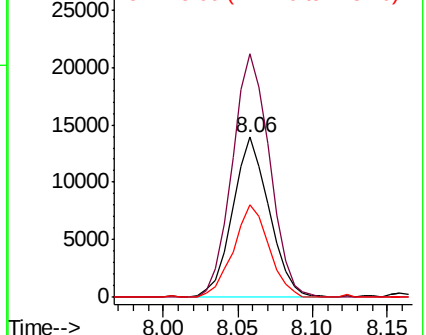
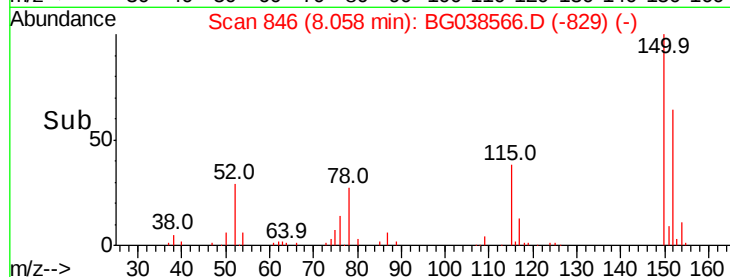
115 58.0 49.6 74.4



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: 104.471 ng

RT: 5.61 min Scan# 429

Delta R.T. 0.01 min

Lab File: BG038566.D

Acq: 14 Dec 2018 13:08

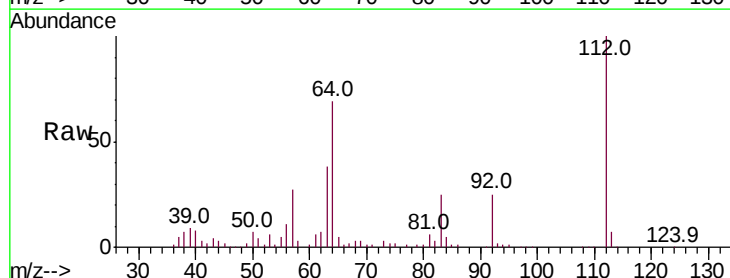
Tgt Ion:112 Resp: 140851

Ion Ratio Lower Upper

112 100

64 68.6 53.4 80.2

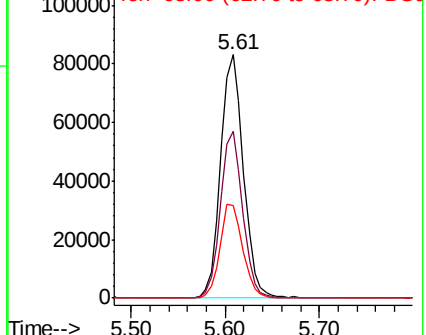
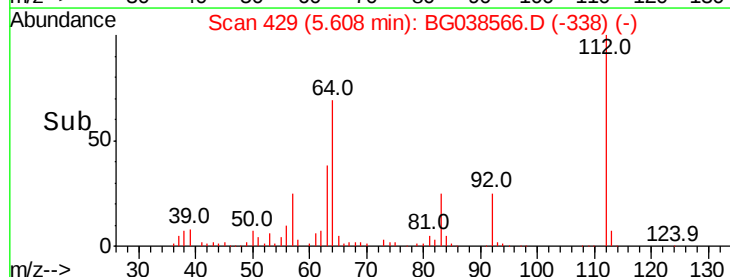
63 38.2 29.3 43.9

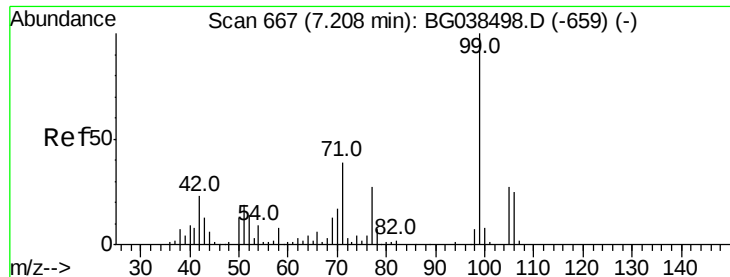


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 103.279 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.00 min

Lab File: BG038566.D

Acq: 14 Dec 2018 13:08

Instrument :

BNA_G

ClientSampleId :

072-DUP-1

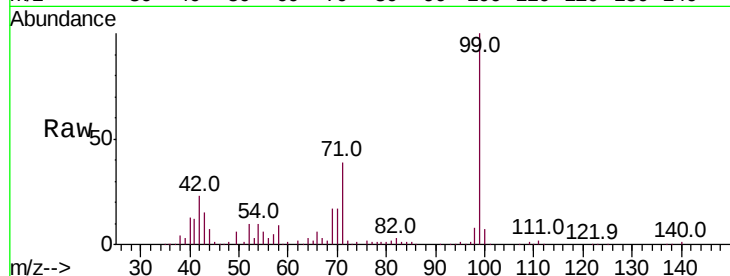
Tot Ion: 99 Resp: 191155

Ion Ratio Lower Upper

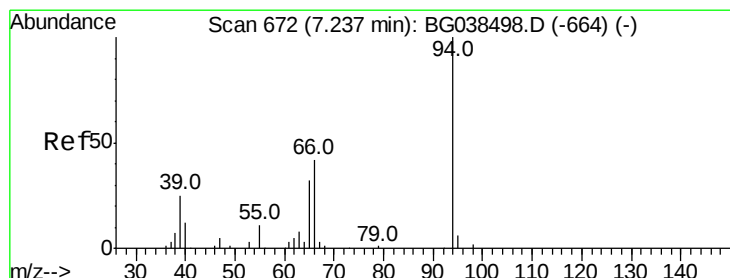
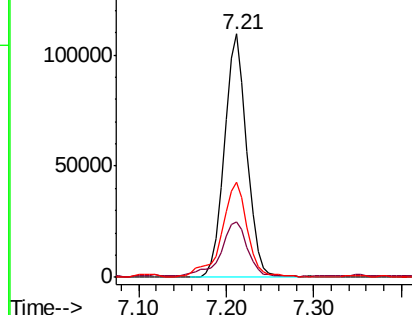
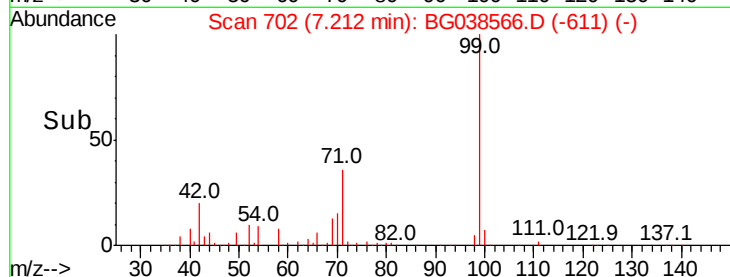
99 100

42 23.0 18.5 27.7

71 39.2 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



#10

Phenol

Concen: 7.057 ng

RT: 7.24 min Scan# 707

Delta R.T. 0.00 min

Lab File: BG038566.D

Acq: 14 Dec 2018 13:08

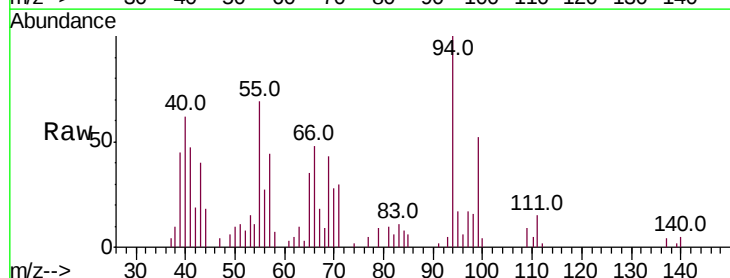
Tgt Ion: 94 Resp: 13876

Ion Ratio Lower Upper

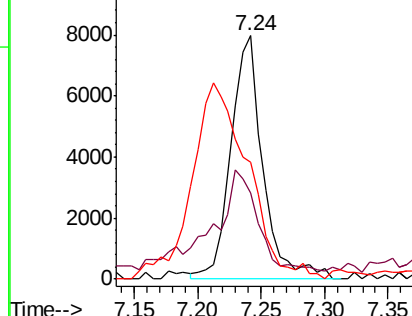
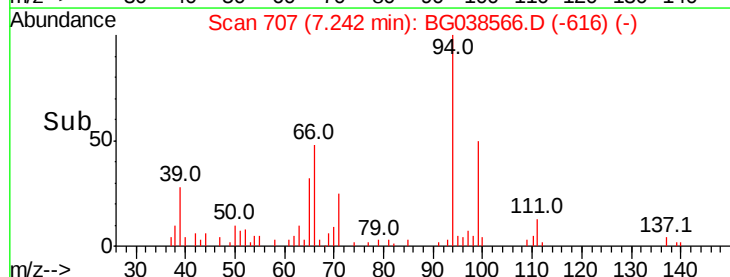
94 100

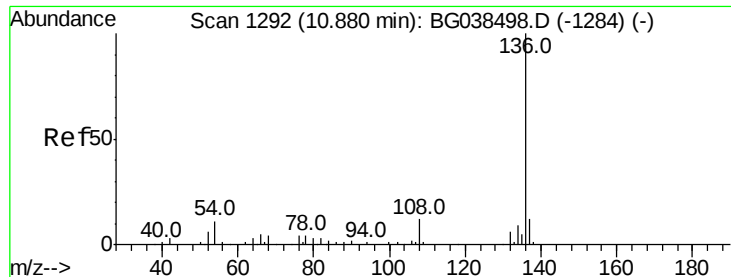
65 35.4 12.6 52.6

66 48.0 24.1 64.1



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.88 min Scan# 1326

Delta R.T. -0.00 min

Lab File: BG038566.D

Acq: 14 Dec 2018 13:08

Instrument :

BNA_G

ClientSampleId :

072-DUP-1

Tot Ion:136 Resp: 97379

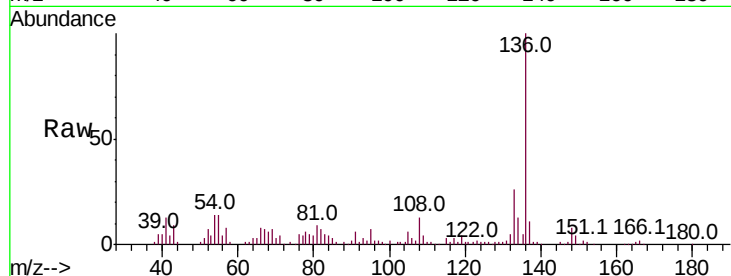
Ion Ratio Lower Upper

136 100

137 11.5 9.3 13.9

54 13.8 8.5 12.7#

68 5.6 3.5 5.3#

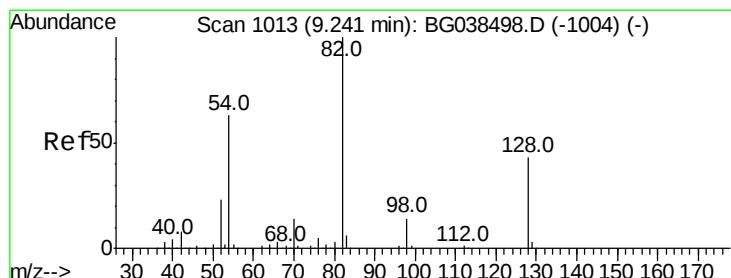
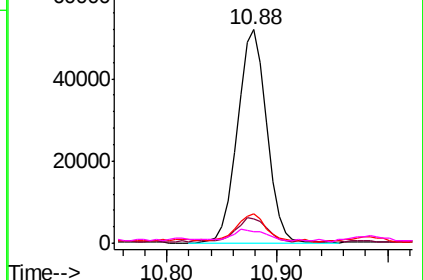
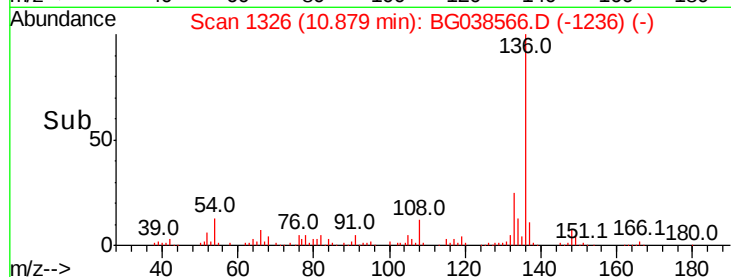


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#23

Nitrobenzene-d5

Concen: 63.513 ng

RT: 9.23 min Scan# 1046

Delta R.T. -0.01 min

Lab File: BG038566.D

Acq: 14 Dec 2018 13:08

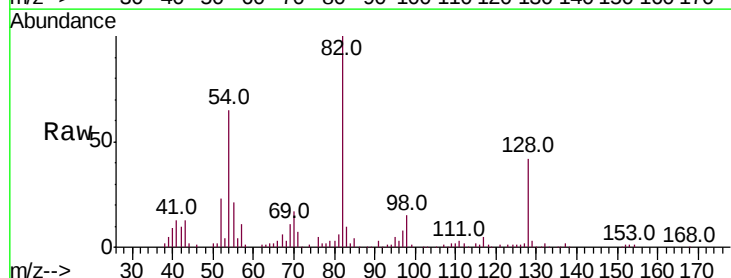
Tgt Ion: 82 Resp: 121064

Ion Ratio Lower Upper

82 100

128 41.8 34.6 52.0

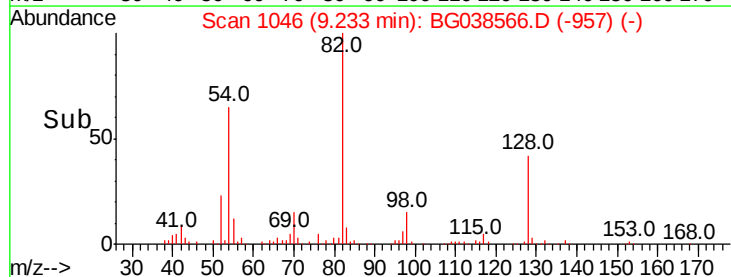
54 64.8 50.6 76.0



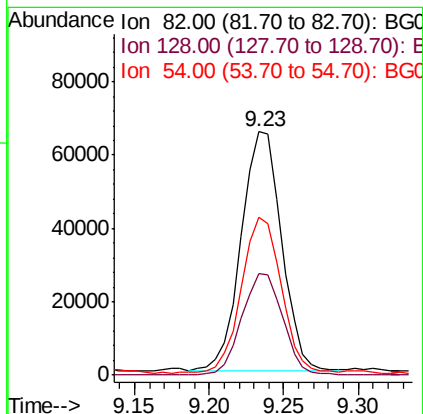
Abundance Ion 82.00 (81.70 to 82.70): BGC

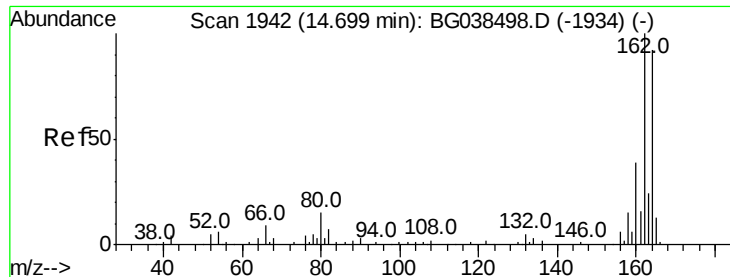
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC



Time-->





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.70 min Scan# 1976

Delta R.T. -0.00 min

Lab File: BG038566.D

Acq: 14 Dec 2018 13:08

Instrument :

BNA_G

ClientSampleId :

072-DUP-1

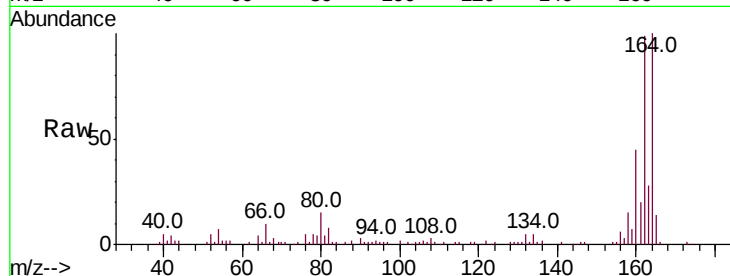
Tot Ion:164 Resp: 66083

Ion Ratio Lower Upper

164 100

162 98.7 86.6 130.0

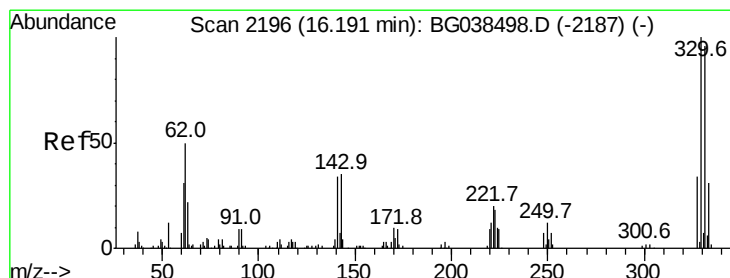
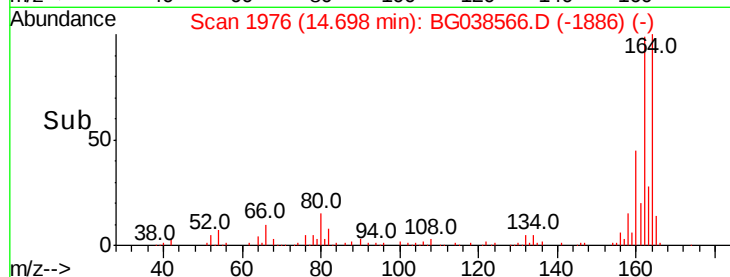
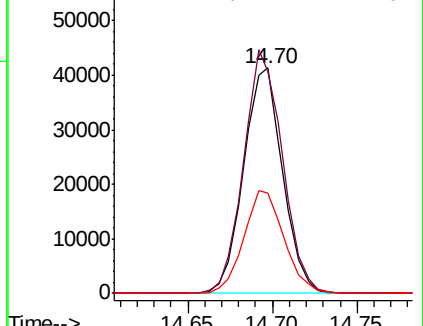
160 44.7 34.2 51.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 98.229 ng

RT: 16.18 min Scan# 2229

Delta R.T. -0.01 min

Lab File: BG038566.D

Acq: 14 Dec 2018 13:08

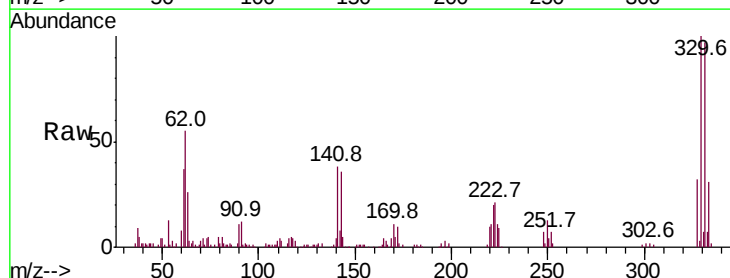
Tgt Ion:330 Resp: 89461

Ion Ratio Lower Upper

330 100

332 96.8 76.9 115.3

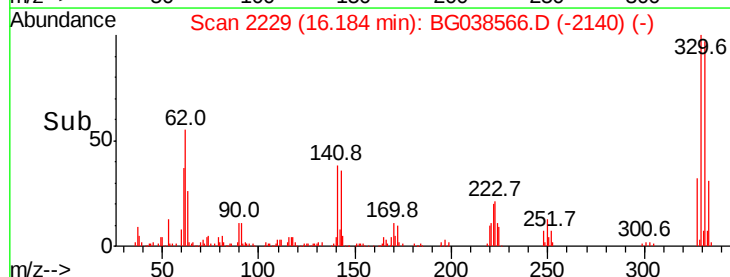
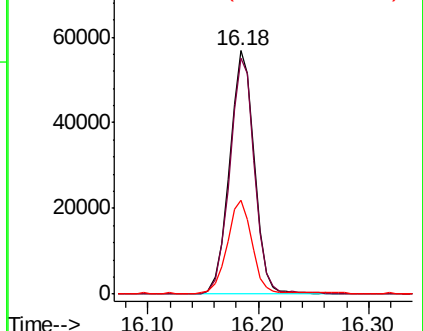
141 38.5 28.8 43.2

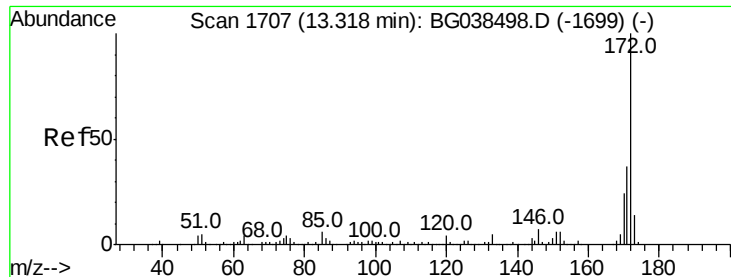


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

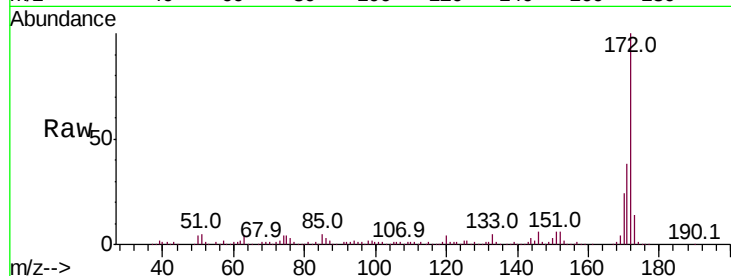




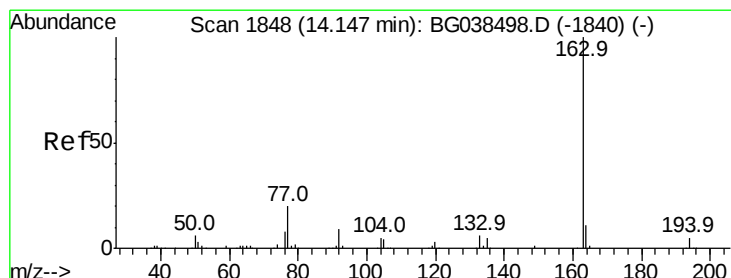
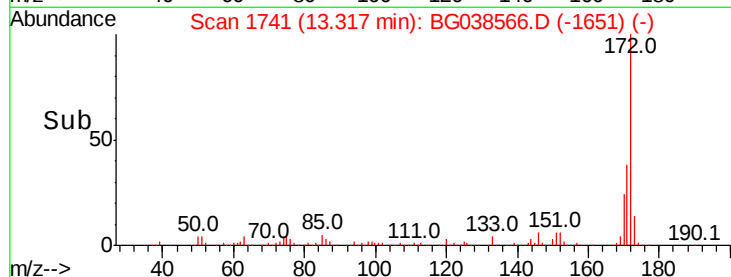
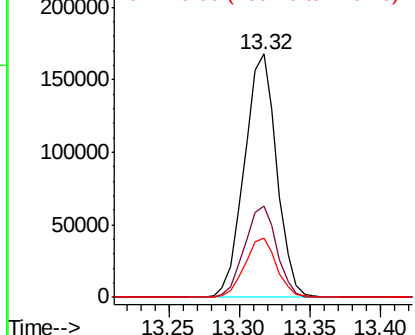
#45
2-Fluorobiphenyl
Concen: 55.791 ng
RT: 13.32 min Scan# 1741
Delta R.T. -0.00 min
Lab File: BG038566.D
Acq: 14 Dec 2018 13:08

Instrument :
BNA_G
ClientSampleId :
072-DUP-1

Tot Ion:172 Resp: 268749
Ion Ratio Lower Upper
172 100
171 37.7 29.8 44.6
170 24.4 19.5 29.3

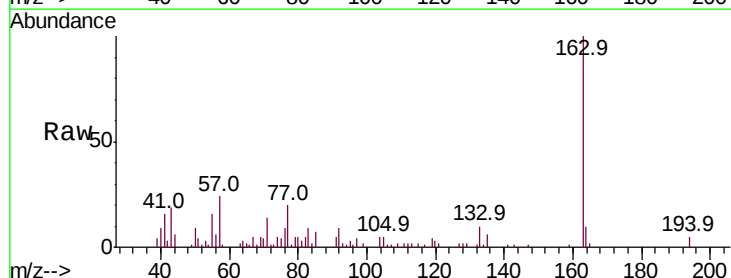


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

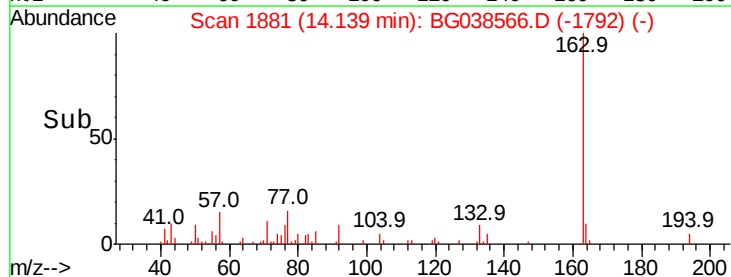
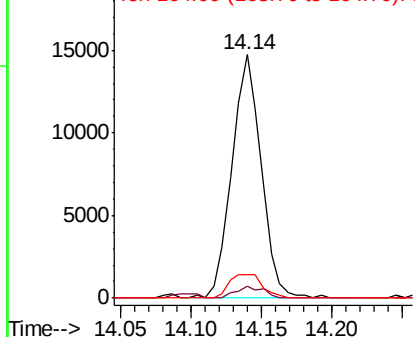


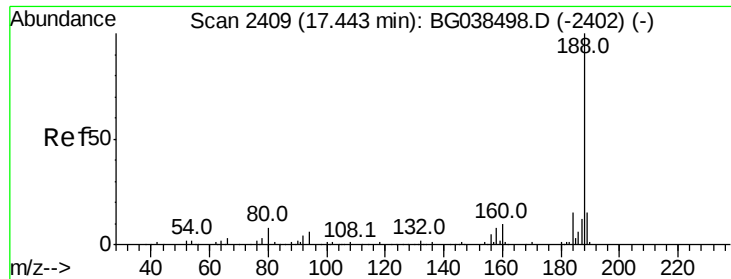
#50
Dimethylphthalate
Concen: 3.940 ng
RT: 14.14 min Scan# 1881
Delta R.T. -0.01 min
Lab File: BG038566.D
Acq: 14 Dec 2018 13:08

Tgt Ion:163 Resp: 21260
Ion Ratio Lower Upper
163 100
194 5.0 3.7 5.5
164 9.6 8.6 12.8



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

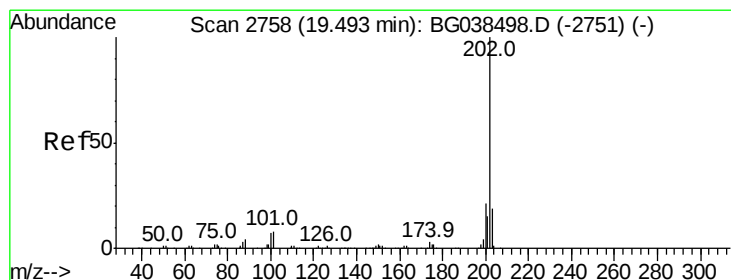
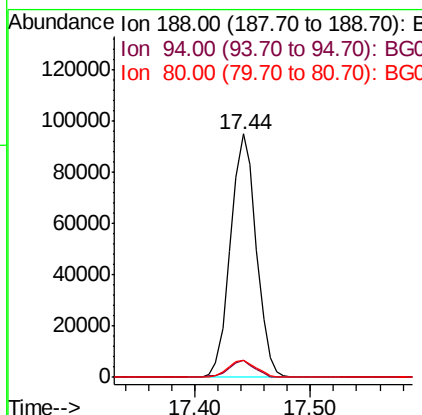
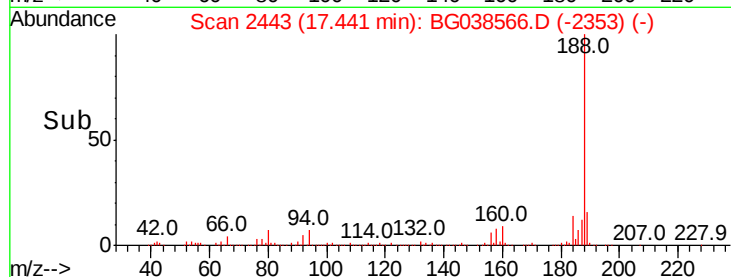
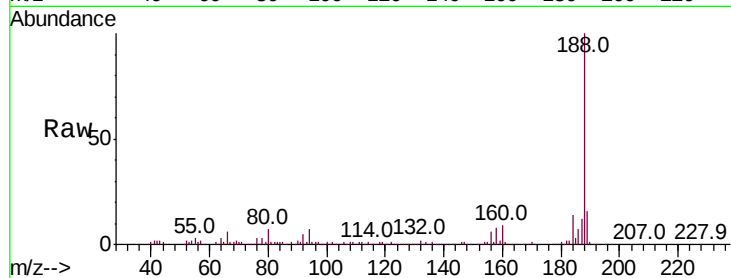




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BG038566.D
Acq: 14 Dec 2018 13:08

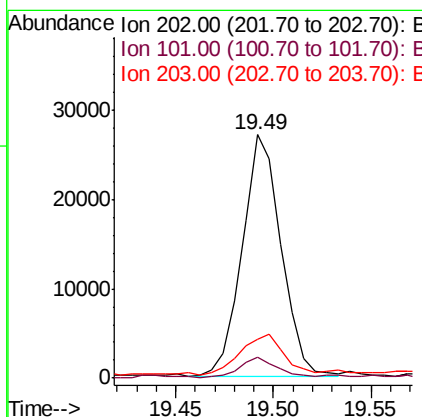
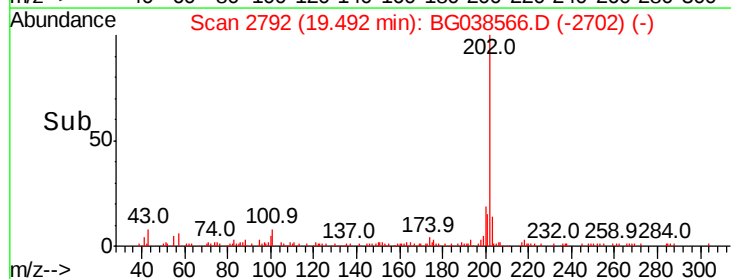
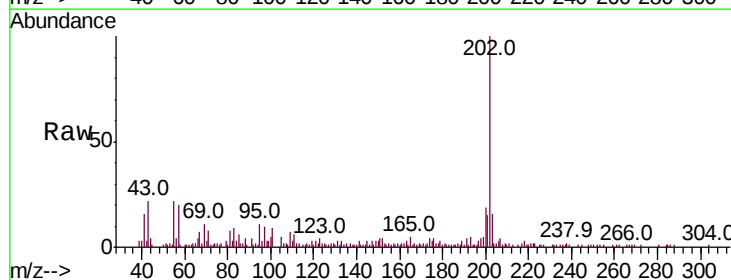
Instrument :
BNA_G
ClientSampleId :
072-DUP-1

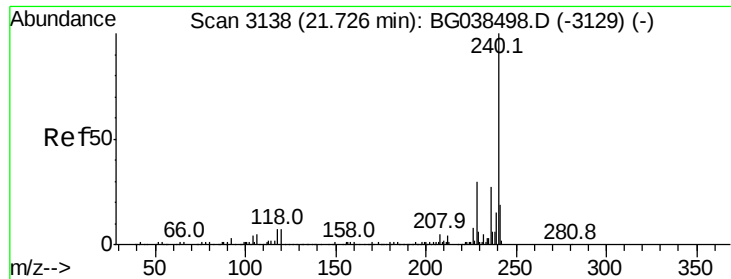
Tot Ion:188 Resp: 146525
Ion Ratio Lower Upper
188 100
94 6.8 5.1 7.7
80 7.3 6.1 9.1



#75
Fluoranthene
Concen: 3.972 ng
RT: 19.49 min Scan# 2792
Delta R.T. -0.00 min
Lab File: BG038566.D
Acq: 14 Dec 2018 13:08

Tgt Ion:202 Resp: 37344
Ion Ratio Lower Upper
202 100
101 8.8 0.0 28.1
203 16.1 0.0 39.0

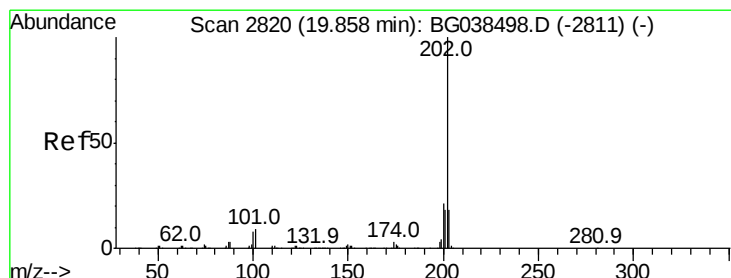
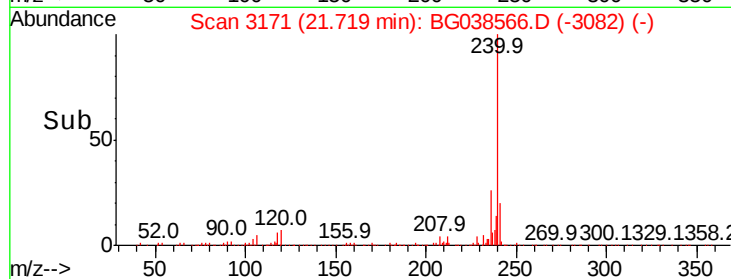
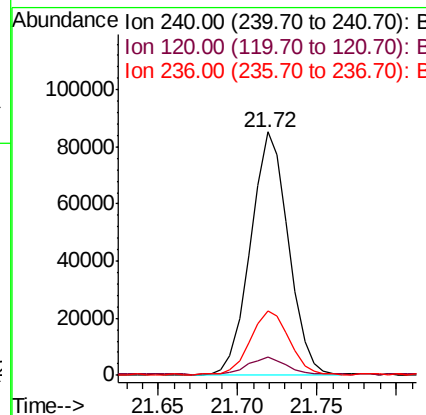
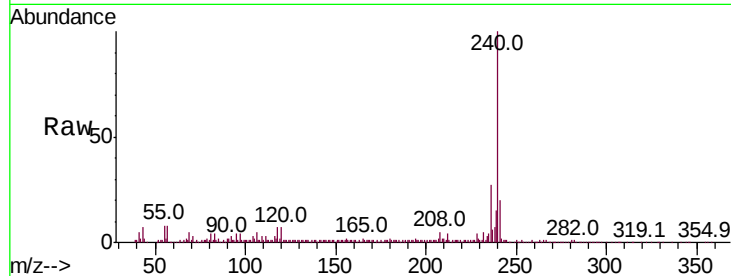




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.72 min Scan# 3171
Delta R.T. -0.01 min
Lab File: BG038566.D
Acq: 14 Dec 2018 13:08

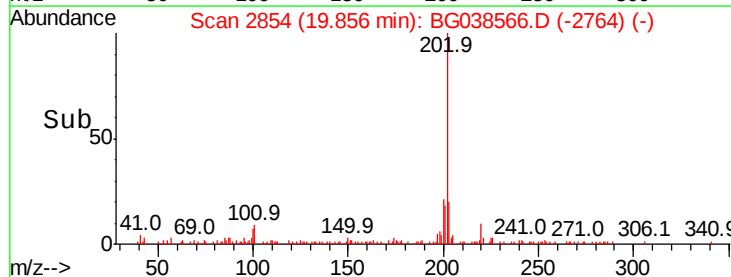
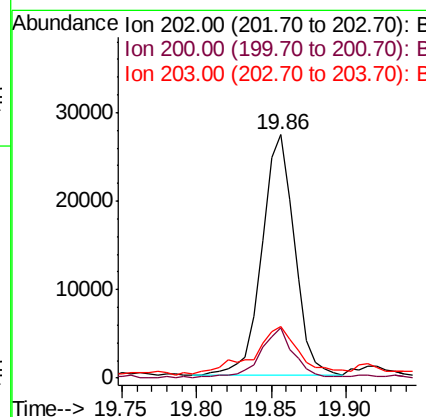
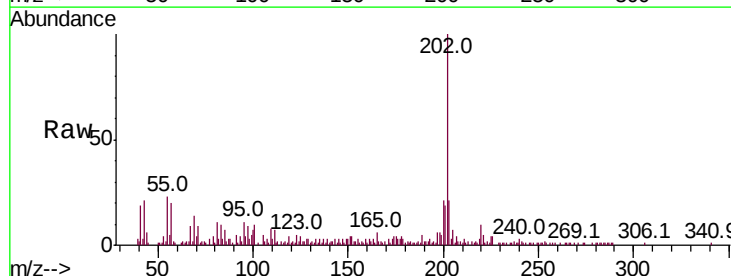
Instrument :
BNA_G
ClientSampleId :
072-DUP-1

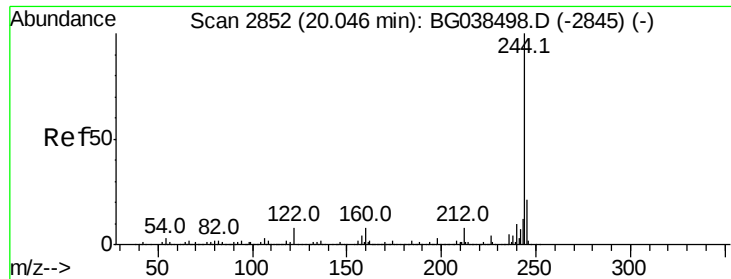
Tot Ion:240 Resp: 140107
Ion Ratio Lower Upper
240 100
120 7.3 5.3 7.9
236 26.5 21.4 32.2



#78
Pyrene
Concen: 4.419 ng
RT: 19.86 min Scan# 2854
Delta R.T. -0.00 min
Lab File: BG038566.D
Acq: 14 Dec 2018 13:08

Tgt Ion:202 Resp: 40898
Ion Ratio Lower Upper
202 100
200 20.7 16.6 25.0
203 21.2 14.6 21.8





#79

Terphenyl-d14

Concen: 59.795 ng

RT: 20.04 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG038566.D

Acq: 14 Dec 2018 13:08

Instrument :

BNA_G

ClientSampleId :

072-DUP-1

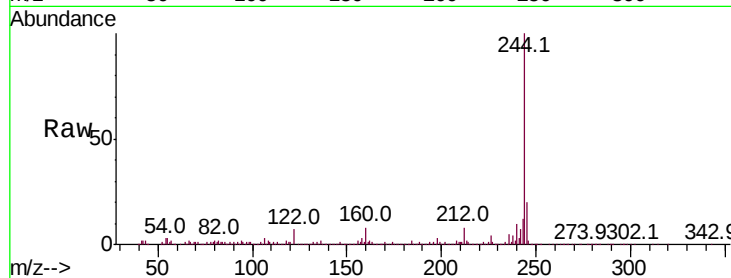
Tot Ion:244 Resp: 384944

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

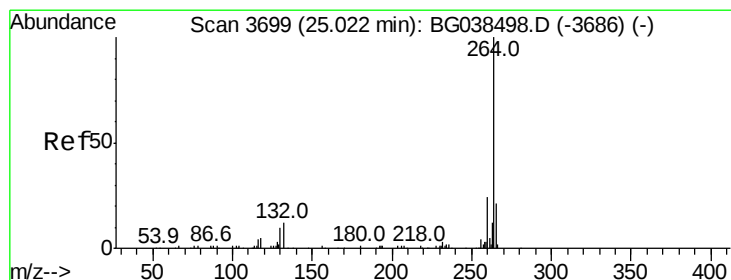
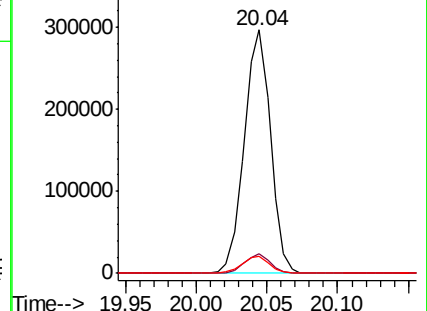
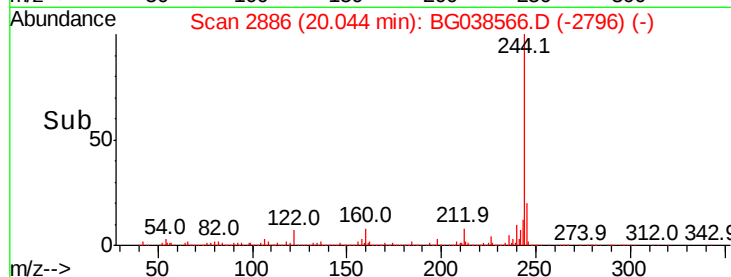
122 6.8 6.3 9.5



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# 3732

Delta R.T. -0.01 min

Lab File: BG038566.D

Acq: 14 Dec 2018 13:08

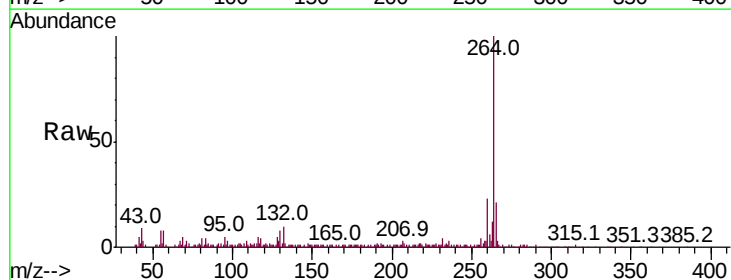
Tgt Ion:264 Resp: 153743

Ion Ratio Lower Upper

264 100

260 22.6 18.9 28.3

265 21.4 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

