

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121718\
 Data File : BG038686.D
 Acq On : 18 Dec 2018 6:53
 Operator : JU/SJ
 Sample : J6403-28
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-4-A

Quant Time: Dec 18 07:43:55 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	8.05	152	20779	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	79388	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	52115	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	135252	20.00	ng	0.00
76) Chrysene-d12	21.72	240	147339	20.00	ng	0.00
87) Perylene-d12	25.02	264	153160	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	164676	140.56	ng	0.00
7) Phenol-d6	7.21	99	200937	124.94	ng	0.00
23) Nitrobenzene-d5	9.23	82	158602	102.06	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	112693	156.90	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	372955	98.17	ng	0.00
79) Terphenyl-d14	20.04	244	761717	112.51	ng	0.00

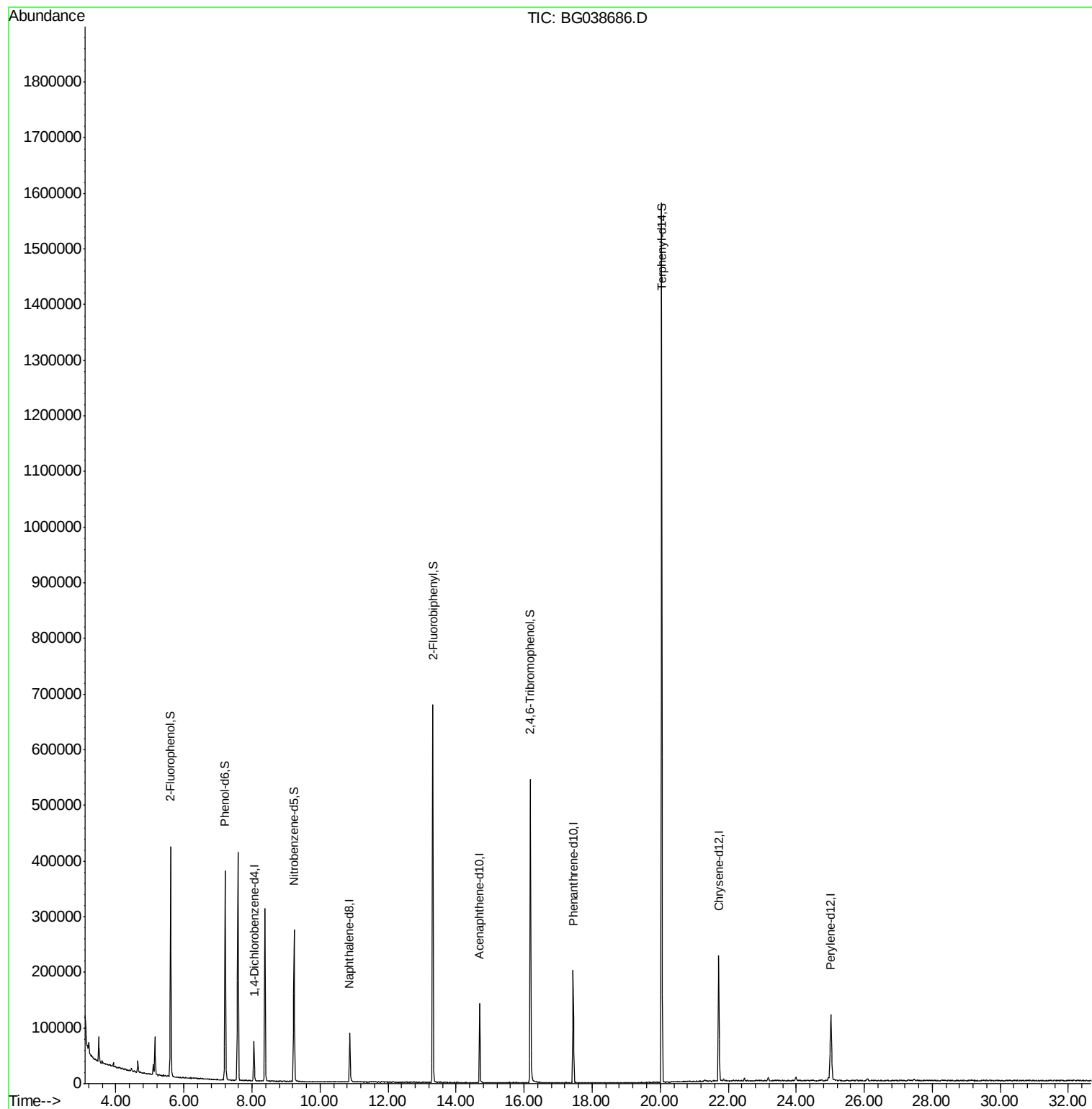
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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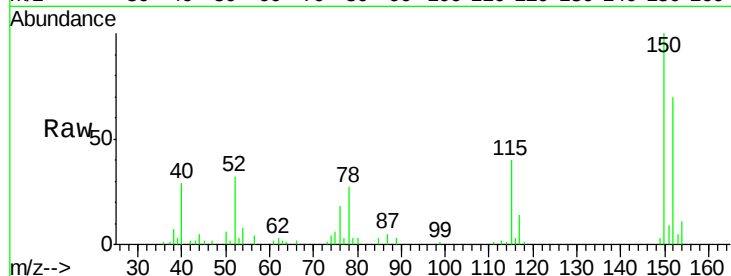


#1

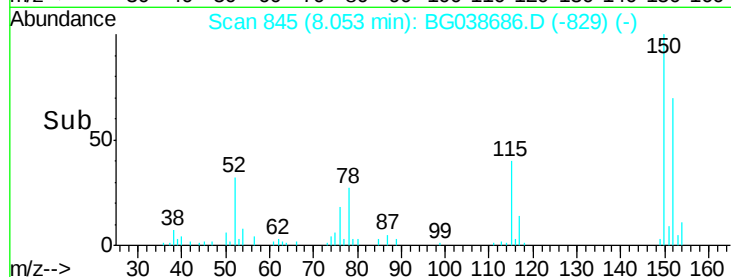
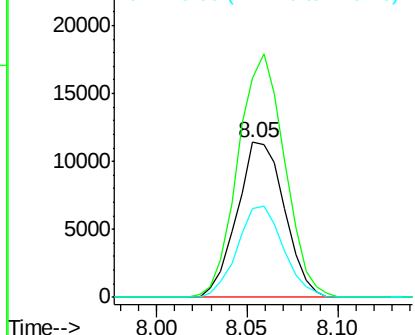
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.01 min
Lab File: BG038686.D
Acq: 18 Dec 2018 6:53

Instrument :
BNA_G
ClientSampleId :
TP-4-A

Tgt Ion:152 Resp: 20779
Ion Ratio Lower Upper
152 100
150 142.0 119.5 179.3
115 57.1 49.6 74.4



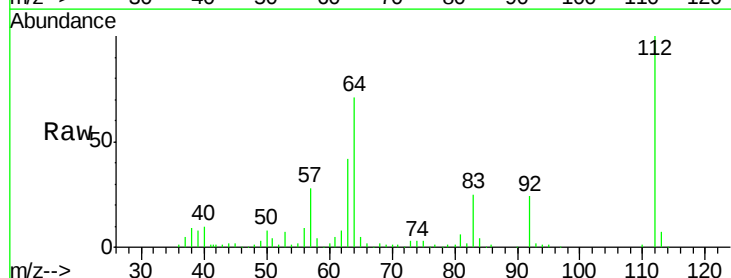
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



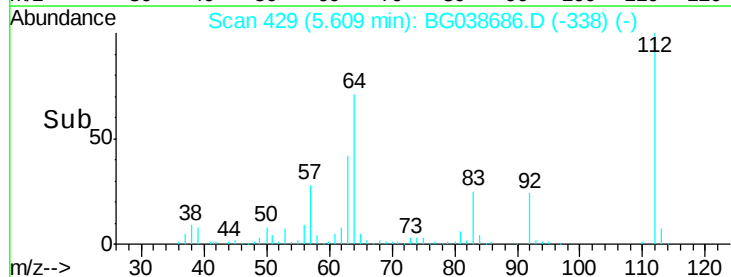
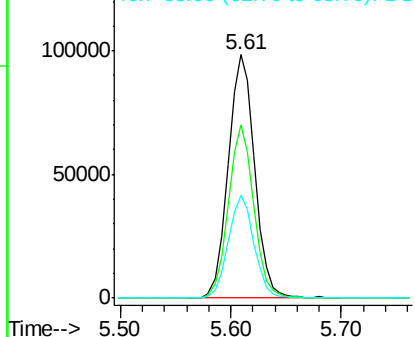
#5

2-Fluorophenol
Concen: 140.564 ng
RT: 5.61 min Scan# 429
Delta R.T. 0.01 min
Lab File: BG038686.D
Acq: 18 Dec 2018 6:53

Tgt Ion:112 Resp: 164676
Ion Ratio Lower Upper
112 100
64 71.1 53.4 80.2
63 42.0 29.3 43.9



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 124.938 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.01 min

Lab File: BG038686.D

Acq: 18 Dec 2018 6:53

Instrument :

BNA_G

ClientSampled :

TP-4-A

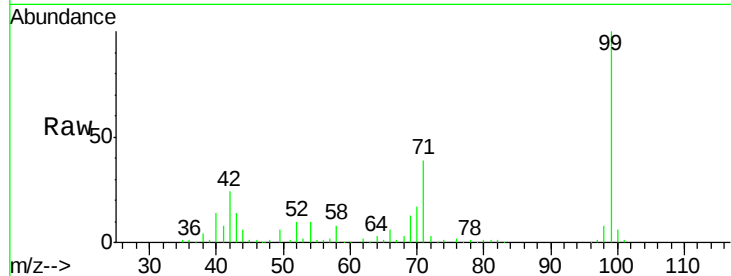
Tgt Ion: 99 Resp: 200937

Ion Ratio Lower Upper

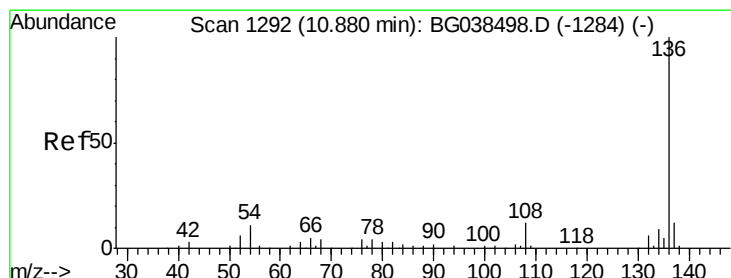
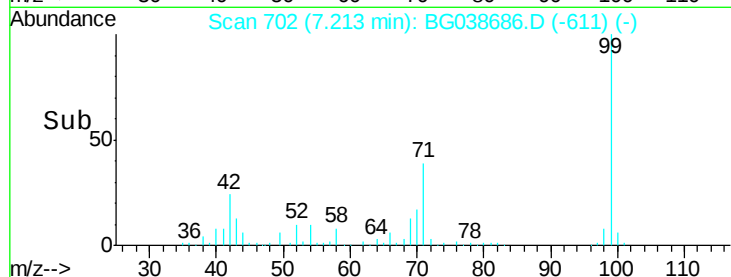
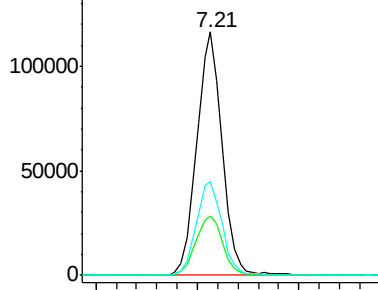
99 100

42 24.3 18.5 27.7

71 38.6 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: BG038686.D

Acq: 18 Dec 2018 6:53

Tgt Ion: 136 Resp: 79388

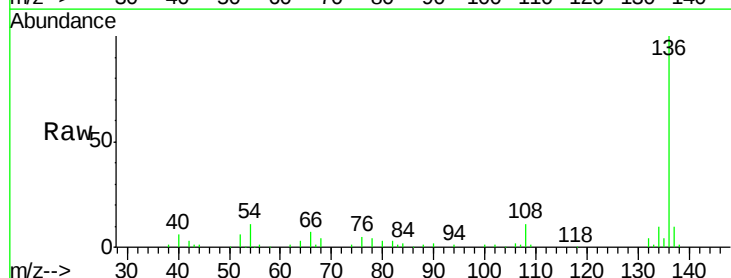
Ion Ratio Lower Upper

136 100

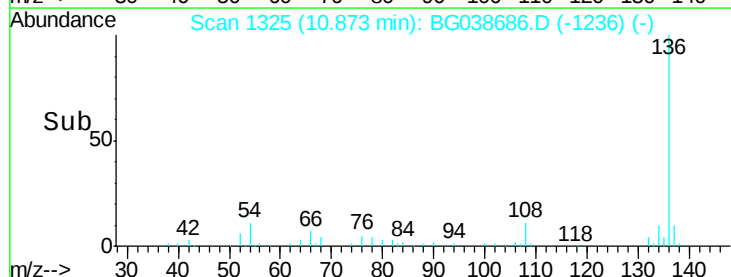
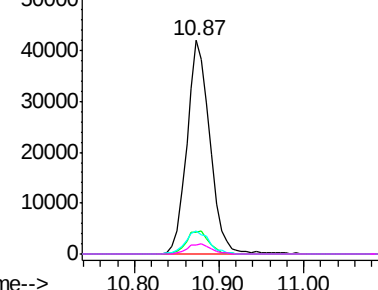
137 10.3 9.3 13.9

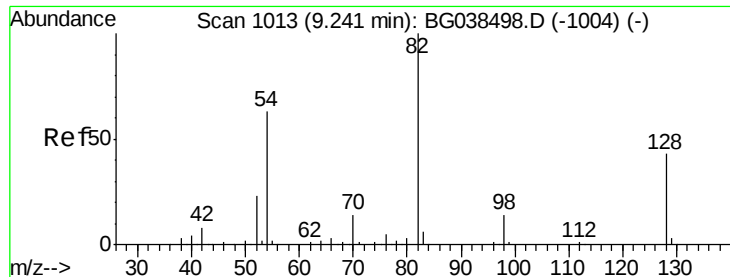
54 10.5 8.5 12.7

68 4.0 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: 102.062 ng

RT: 9.23 min Scan# 1046

Delta R.T. -0.01 min

Lab File: BG038686.D

Acq: 18 Dec 2018 6:53

Instrument :

BNA_G

ClientSampleId :

TP-4-A

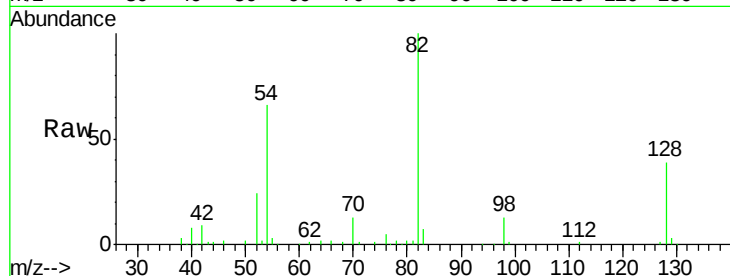
Tgt Ion: 82 Resp: 158602

Ion Ratio Lower Upper

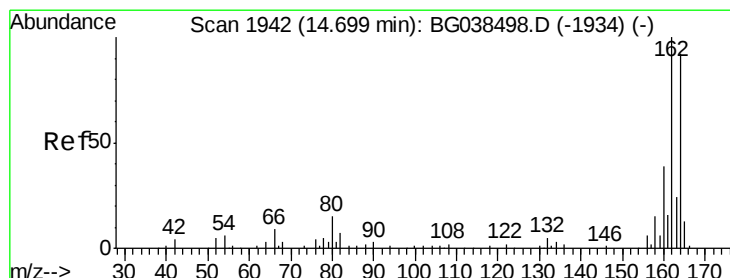
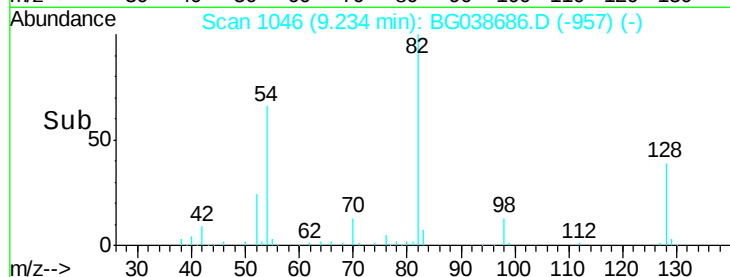
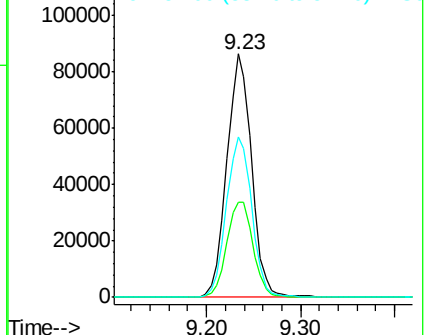
82 100

128 39.1 34.6 52.0

54 65.9 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# 1975

Delta R.T. -0.01 min

Lab File: BG038686.D

Acq: 18 Dec 2018 6:53

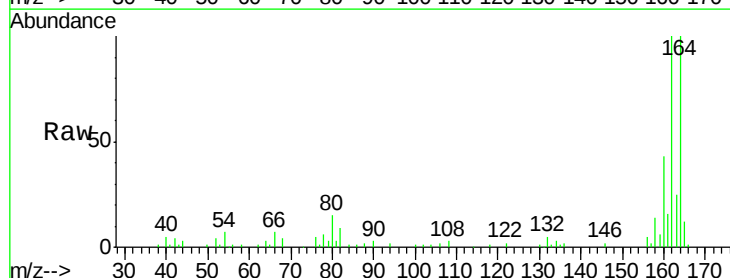
Tgt Ion: 164 Resp: 52115

Ion Ratio Lower Upper

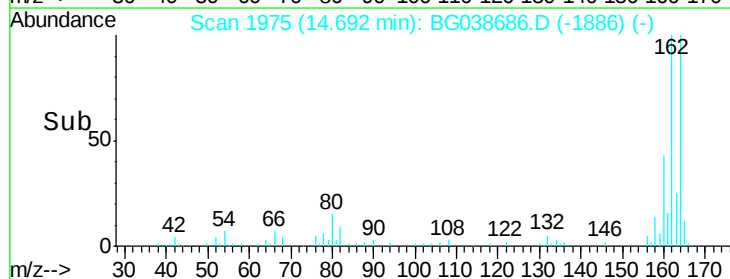
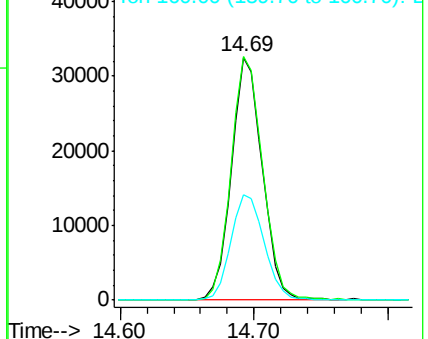
164 100

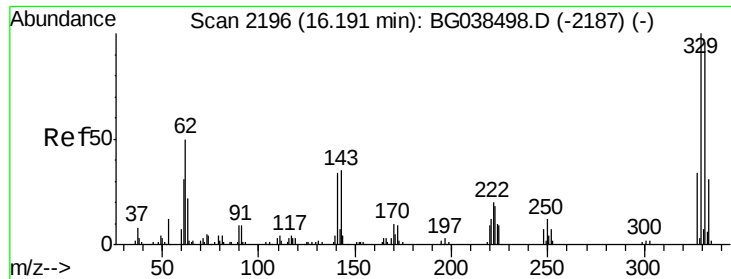
162 100.4 86.6 130.0

160 43.6 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

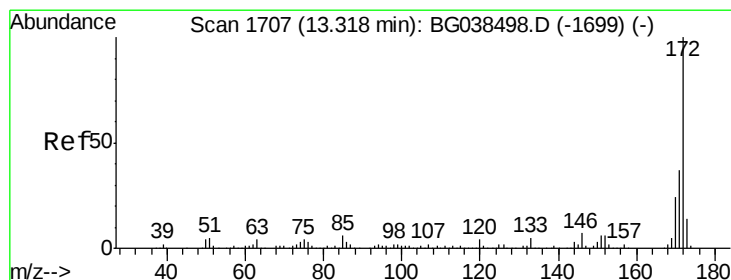
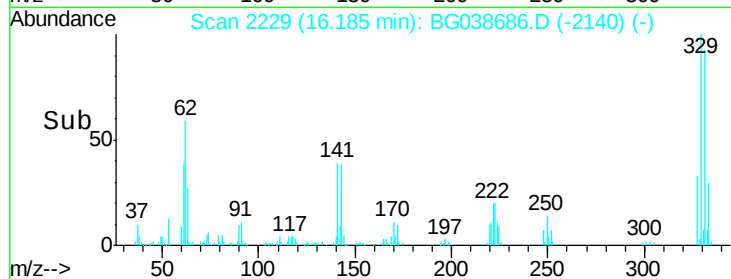
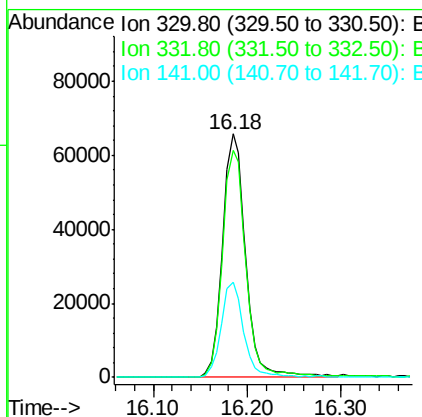
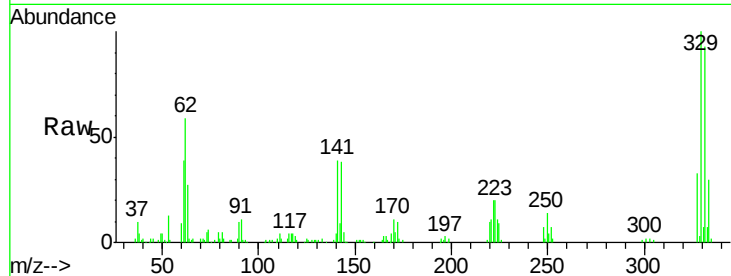




#42
 2,4,6-Tribromophenol
 Concen: 156.902 ng
 RT: 16.18 min Scan# 2229
 Delta R.T. -0.01 min
 Lab File: BG038686.D
 Acq: 18 Dec 2018 6:53

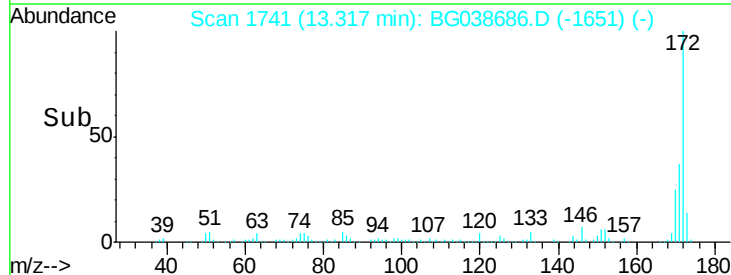
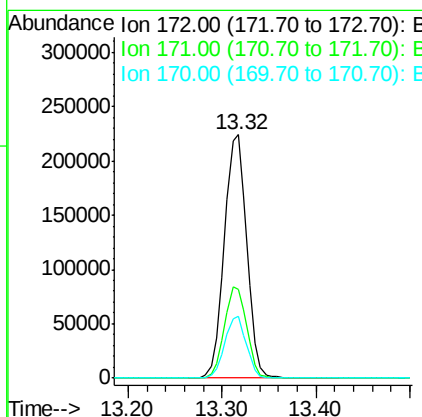
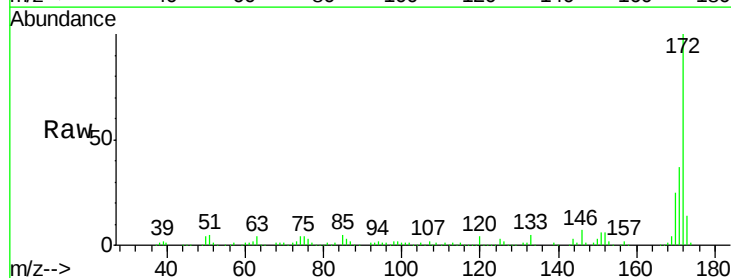
Instrument :
 BNA_G
 ClientSampleId :
 TP-4-A

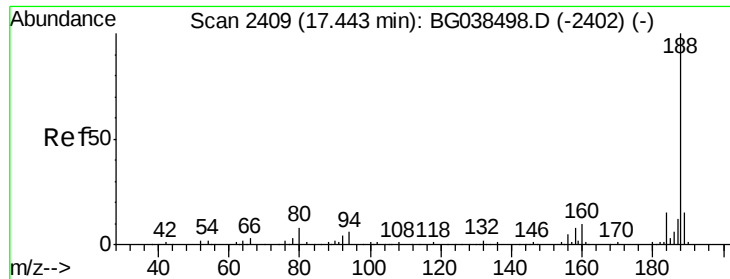
Tgt Ion:330 Resp: 112693
 Ion Ratio Lower Upper
 330 100
 332 94.4 76.9 115.3
 141 38.2 28.8 43.2



#45
 2-Fluorobiphenyl
 Concen: 98.175 ng
 RT: 13.32 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: BG038686.D
 Acq: 18 Dec 2018 6:53

Tgt Ion:172 Resp: 372955
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.8 44.6
 170 25.4 19.5 29.3

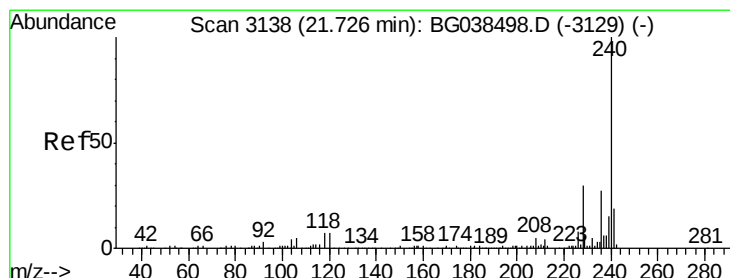
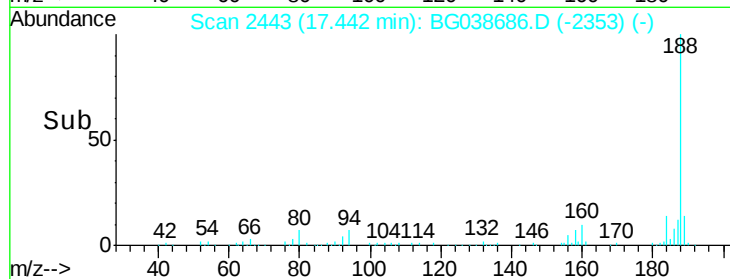
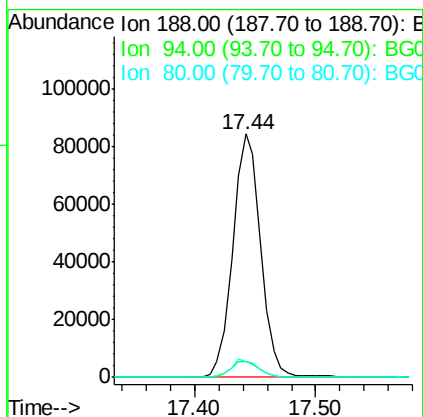
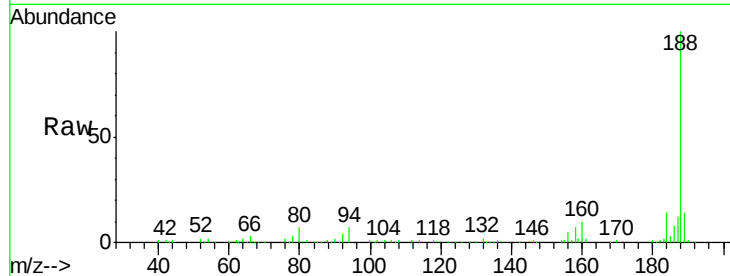




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BG038686.D
Acq: 18 Dec 2018 6:53

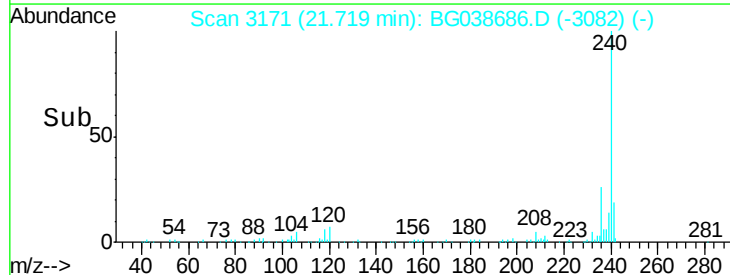
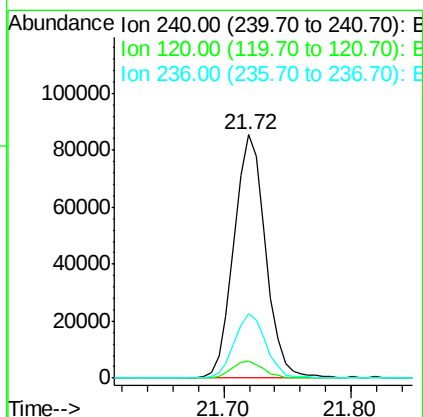
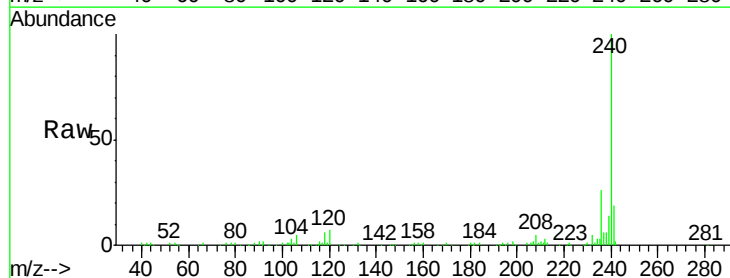
Instrument :
BNA_G
ClientSampleId :
TP-4-A

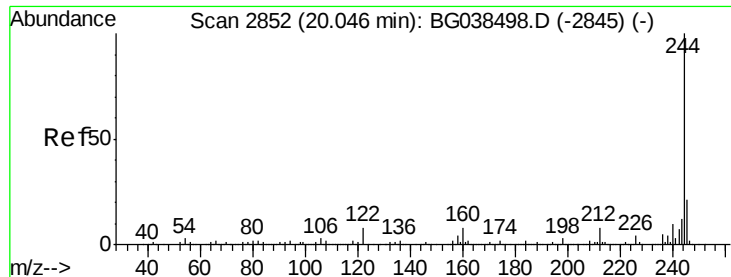
Tgt Ion:188 Resp: 135252
Ion Ratio Lower Upper
188 100
94 6.6 5.1 7.7
80 6.7 6.1 9.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.72 min Scan# 3171
Delta R.T. -0.01 min
Lab File: BG038686.D
Acq: 18 Dec 2018 6:53

Tgt Ion:240 Resp: 147339
Ion Ratio Lower Upper
240 100
120 6.9 5.3 7.9
236 26.5 21.4 32.2





#79

Terphenyl-d14

Concen: 112.513 ng

RT: 20.04 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG038686.D

Acq: 18 Dec 2018 6:53

Instrument :

BNA_G

ClientSampleId :

TP-4-A

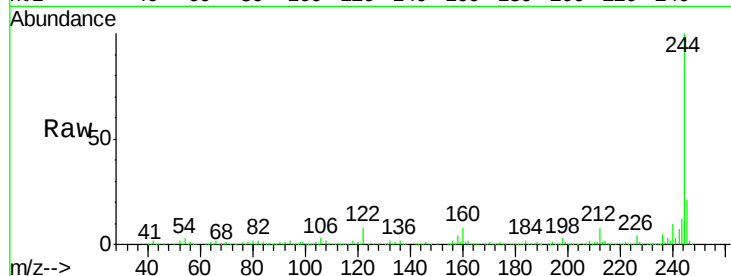
Tgt Ion:244 Resp: 761717

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

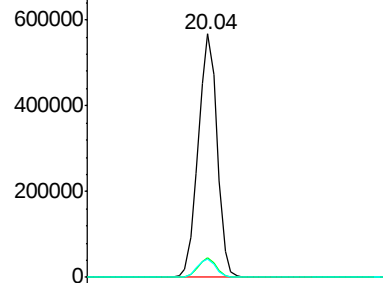
122 7.6 6.3 9.5



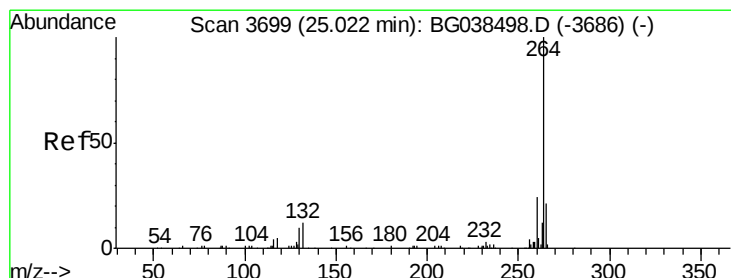
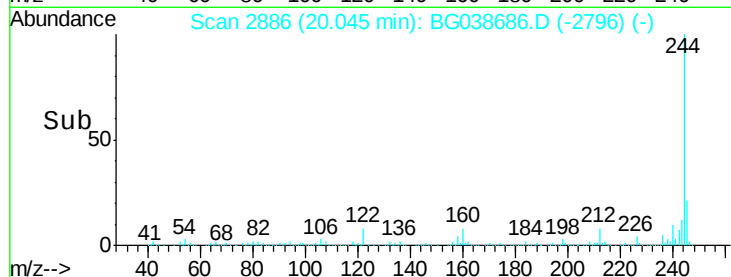
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.02 min Scan# 3733

Delta R.T. -0.00 min

Lab File: BG038686.D

Acq: 18 Dec 2018 6:53

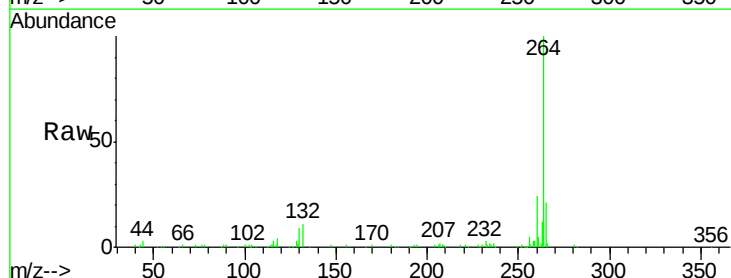
Tgt Ion:264 Resp: 153160

Ion Ratio Lower Upper

264 100

260 24.1 18.9 28.3

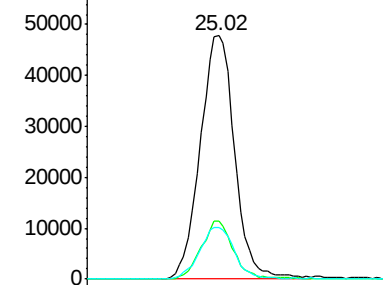
265 21.2 17.0 25.4



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



Time-->

