

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121818\
 Data File : BG038717.D
 Acq On : 19 Dec 2018 7:11
 Operator : JU/SJ
 Sample : PB115763BL
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB115763BL

Quant Time: Dec 19 10:14:09 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	24522	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	100031	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	68880	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	174759	20.00	ng	0.00
76) Chrysene-d12	21.72	240	183275	20.00	ng	0.00
87) Perylene-d12	25.02	264	186580	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	183380	132.64	ng	0.00
7) Phenol-d6	7.21	99	251819	132.68	ng	0.00
23) Nitrobenzene-d5	9.23	82	151678	77.46	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	104711	110.30	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	406915	81.04	ng	0.00
79) Terphenyl-d14	20.04	244	770425	91.49	ng	0.00

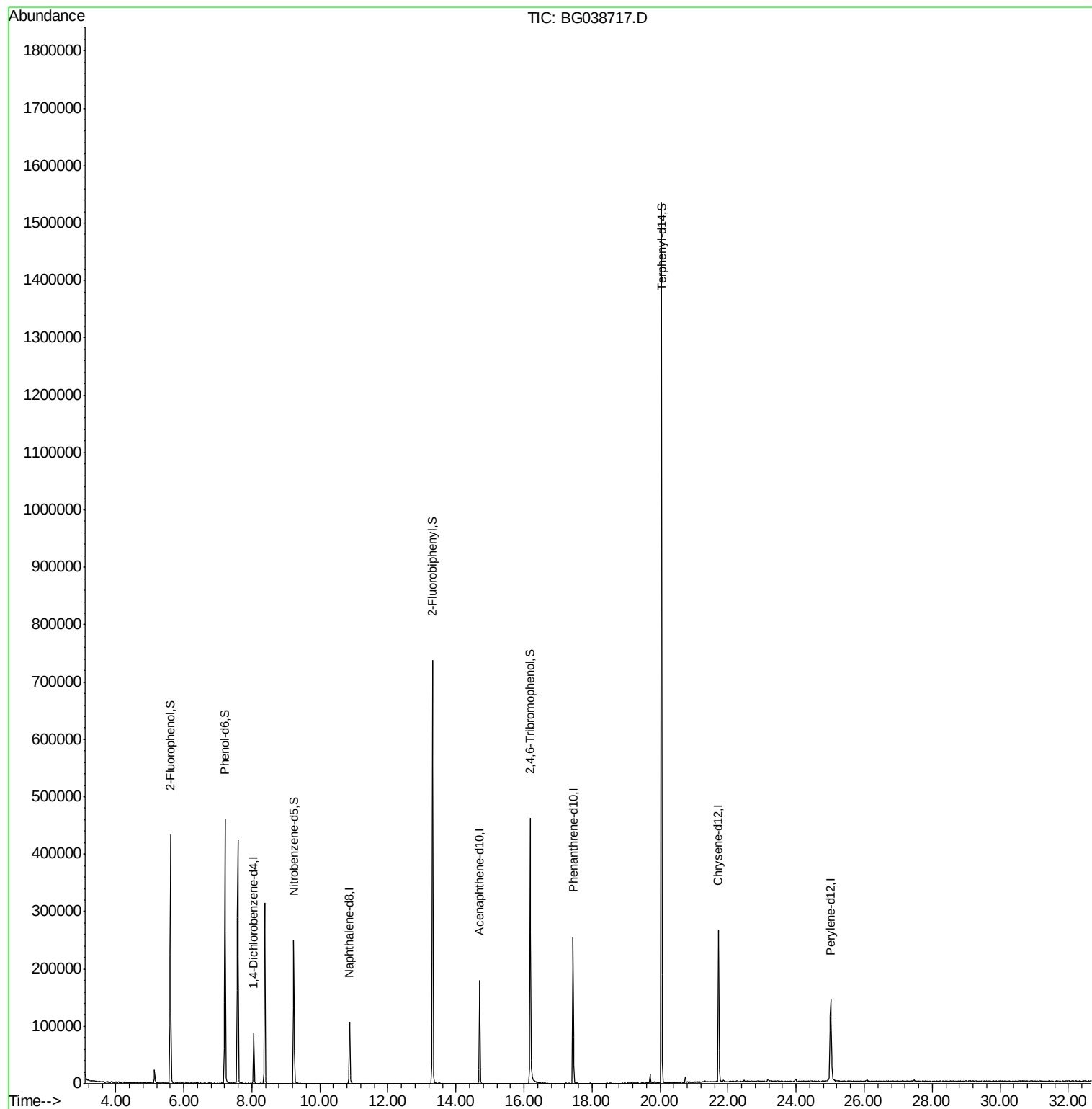
Target Compounds Qvalue

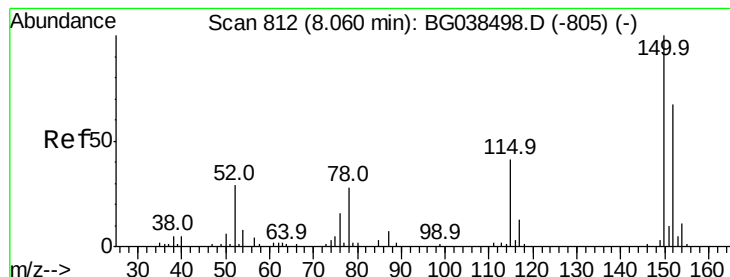
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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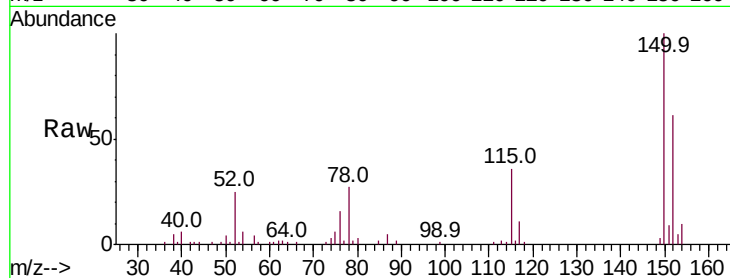


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 845
Delta R.T. -0.00 min
Lab File: BG038717.D
Acq: 19 Dec 2018 7:11

Instrument :
BNA_G
ClientSampleId :
PB115763BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	163.9	119.5	179.3
115	59.0	49.6	74.4

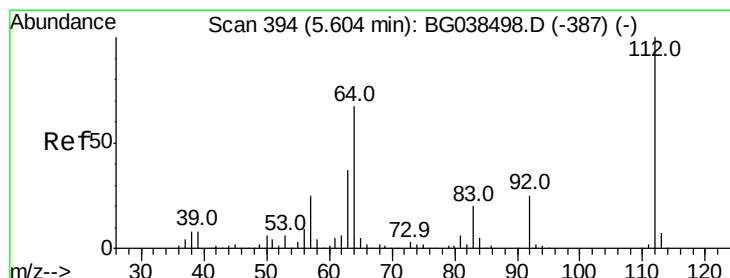
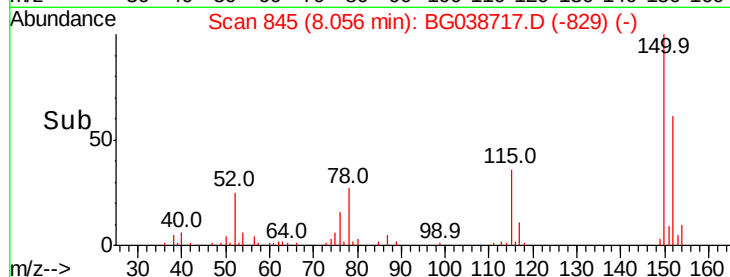
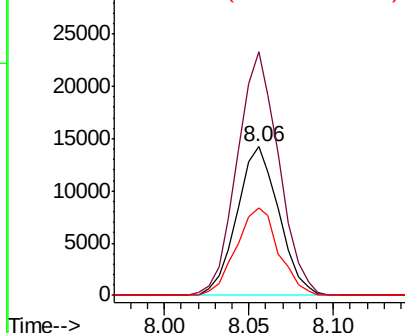


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

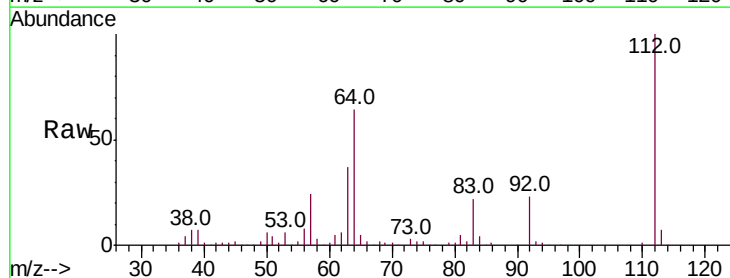
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 132.637 ng
RT: 5.61 min Scan# 428
Delta R.T. 0.00 min
Lab File: BG038717.D
Acq: 19 Dec 2018 7:11

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.6	53.4	80.2
63	37.1	29.3	43.9

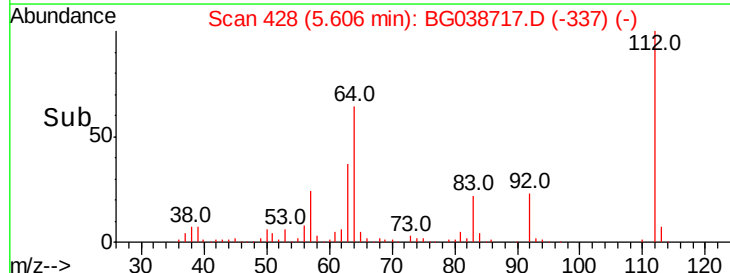
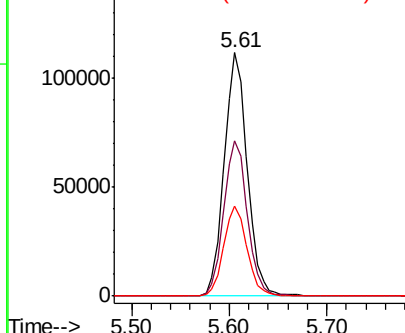


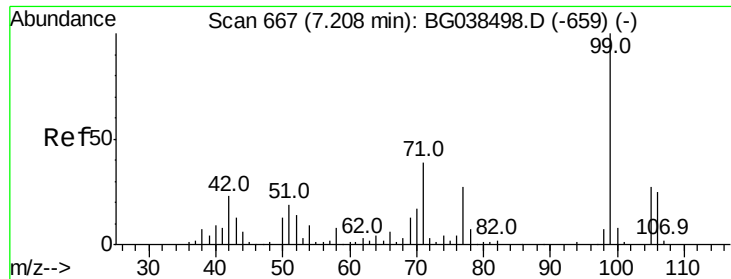
Abundance

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: 132.676 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG038717.D

Acq: 19 Dec 2018 7:11

Instrument :

BNA_G

ClientSampleId :

PB115763BL

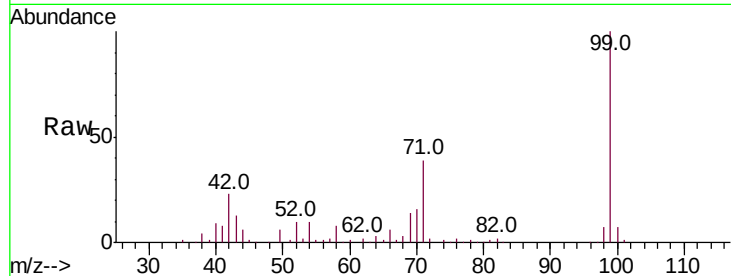
Tot Ion: 99 Resp: 251819

Ion Ratio Lower Upper

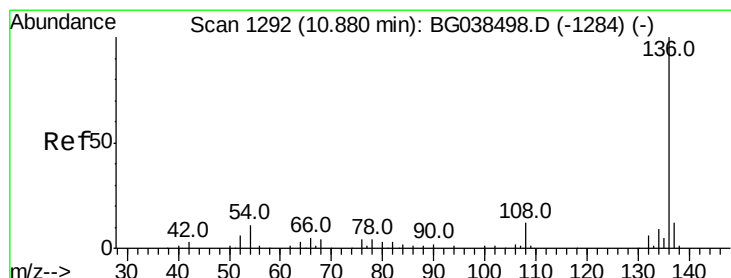
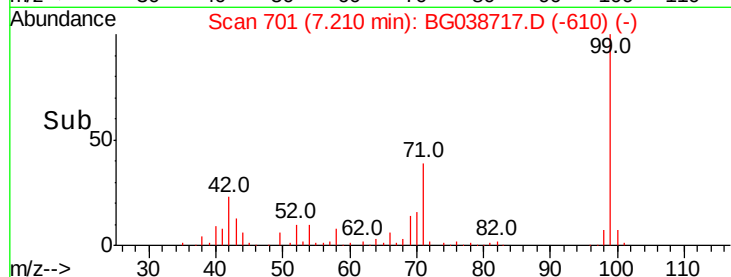
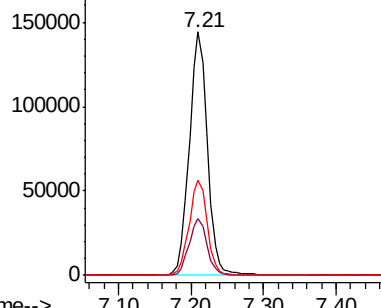
99 100

42 23.3 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.88 min Scan# 1325

Delta R.T. -0.00 min

Lab File: BG038717.D

Acq: 19 Dec 2018 7:11

Tgt Ion: 136 Resp: 100031

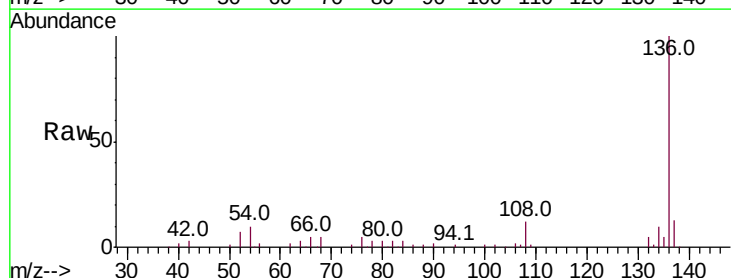
Ion Ratio Lower Upper

136 100

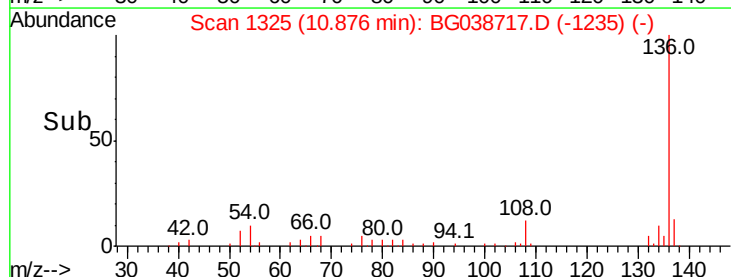
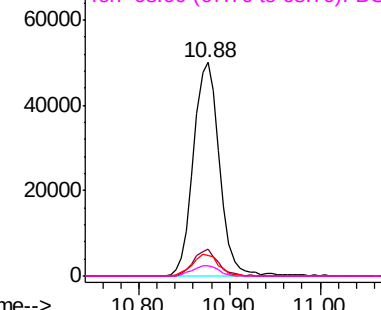
137 12.6 9.3 13.9

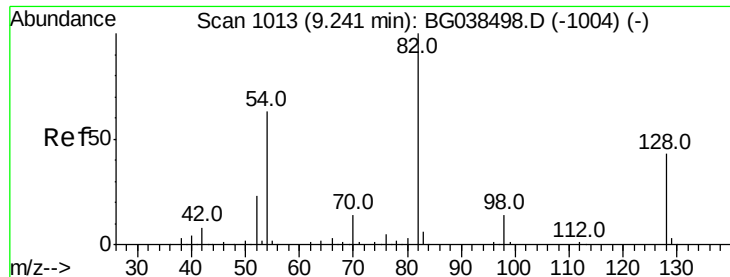
54 9.7 8.5 12.7

68 4.8 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: 77.464 ng

RT: 9.23 min Scan# 1045

Delta R.T. -0.01 min

Lab File: BG038717.D

Acq: 19 Dec 2018 7:11

Instrument :

BNA_G

ClientSampleId :

PB115763BL

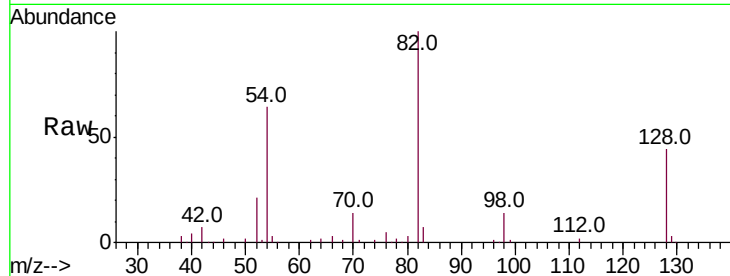
Tot Ion: 82 Resp: 151678

Ion Ratio Lower Upper

82 100

128 44.3 34.6 52.0

54 63.8 50.6 76.0

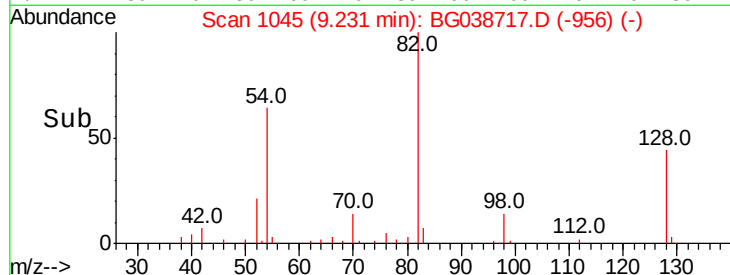


Abundance Ion 82.00 (81.70 to 82.70): BGC

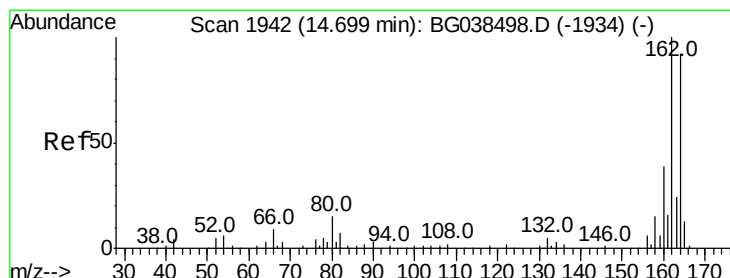
Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC

Time-->



Time-->



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1975

Delta R.T. -0.00 min

Lab File: BG038717.D

Acq: 19 Dec 2018 7:11

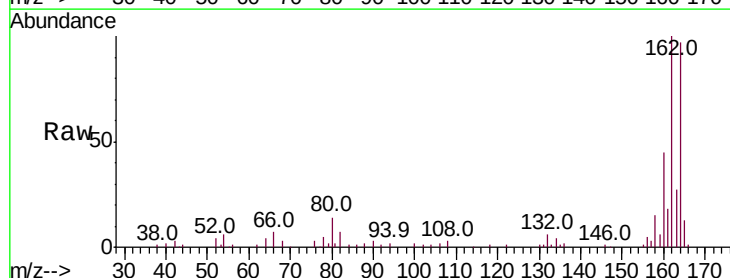
Tgt Ion: 164 Resp: 68880

Ion Ratio Lower Upper

164 100

162 102.8 86.6 130.0

160 46.3 34.2 51.2

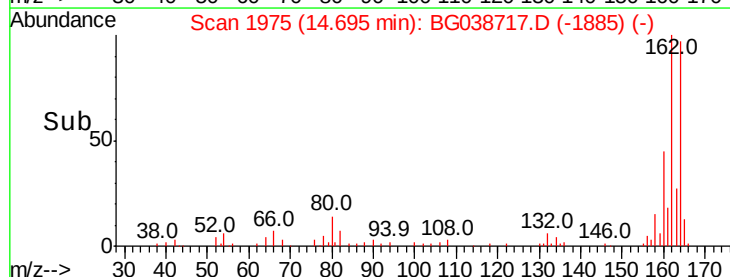


Abundance Ion 164.00 (163.70 to 164.70): BGC

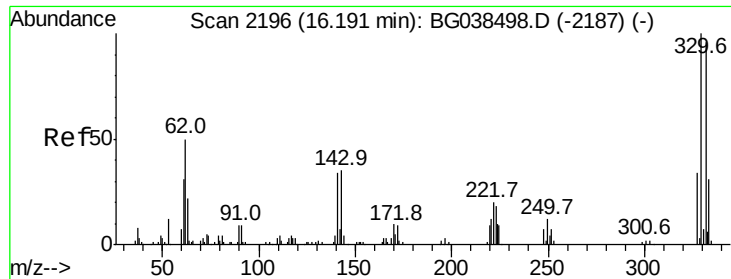
Ion 162.00 (161.70 to 162.70): BGC

Ion 160.00 (159.70 to 160.70): BGC

Time-->



Time-->



#42

2,4,6-Tribromophenol

Concen: 110.304 ng

RT: 16.18 min Scan# 2228

Delta R.T. -0.01 min

Lab File: BG038717.D

Acq: 19 Dec 2018 7:11

Instrument :

BNA_G

ClientSampleId :

PB115763BL

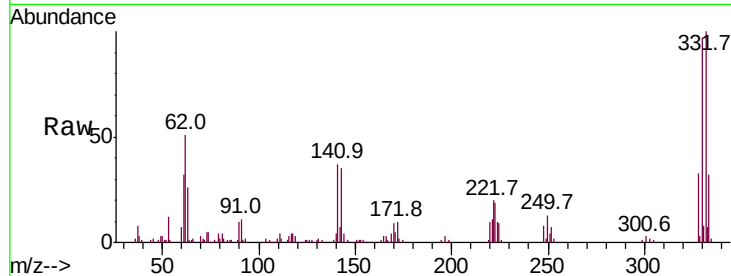
Tot Ion:330 Resp: 104711

Ion Ratio Lower Upper

330 100

332 96.1 76.9 115.3

141 33.9 28.8 43.2

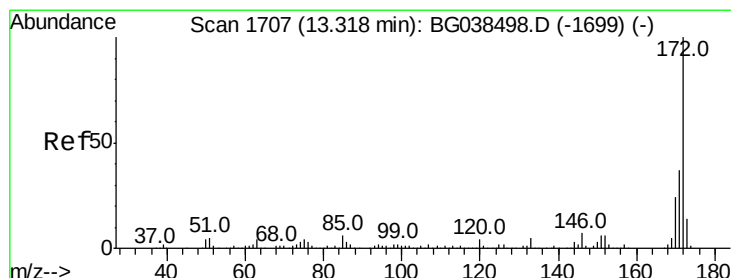
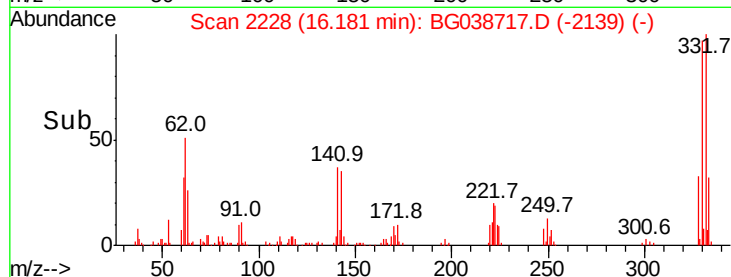
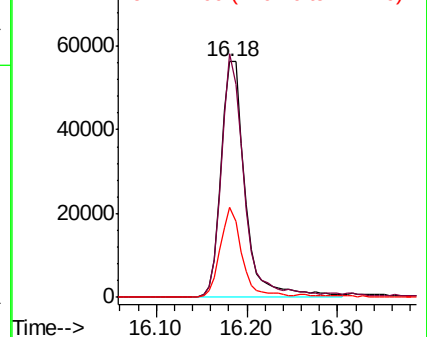


Abundance

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: 81.043 ng

RT: 13.31 min Scan# 1740

Delta R.T. -0.00 min

Lab File: BG038717.D

Acq: 19 Dec 2018 7:11

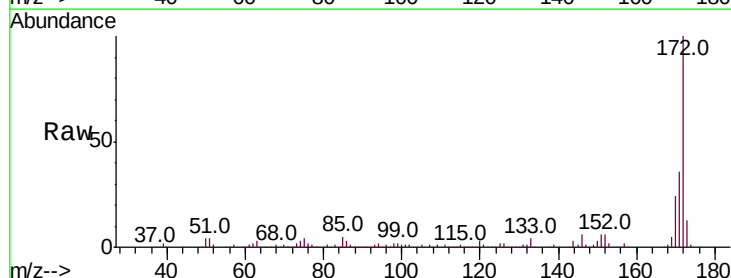
Tgt Ion:172 Resp: 406915

Ion Ratio Lower Upper

172 100

171 36.2 29.8 44.6

170 24.1 19.5 29.3

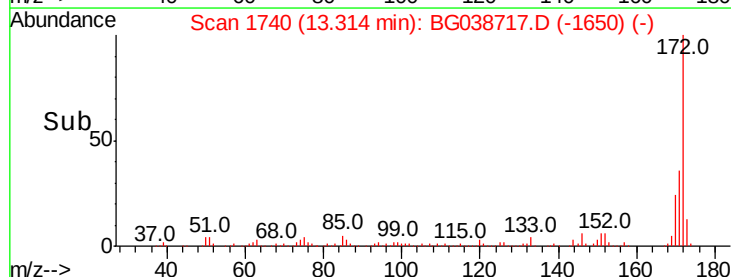
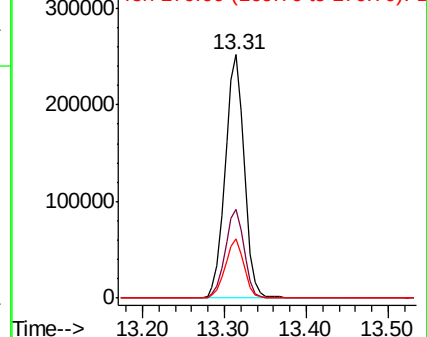


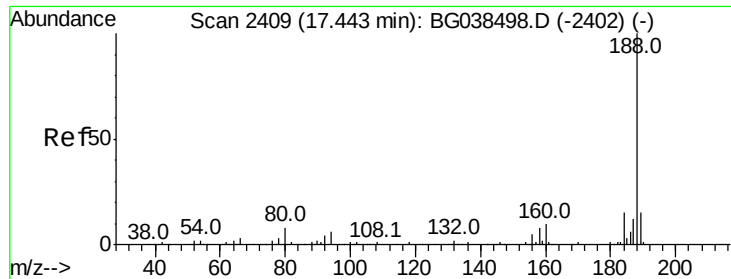
Abundance

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

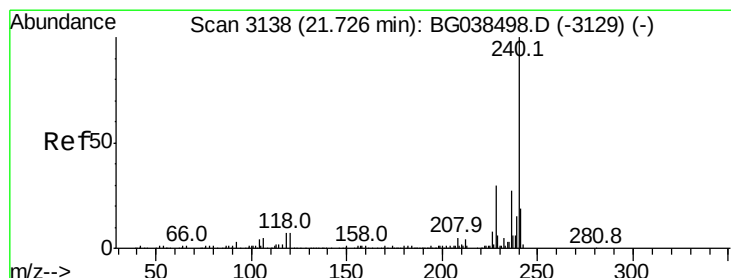
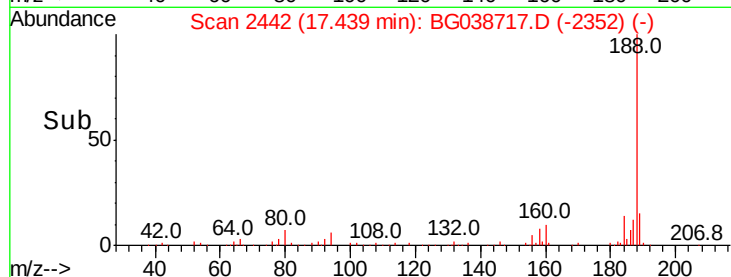
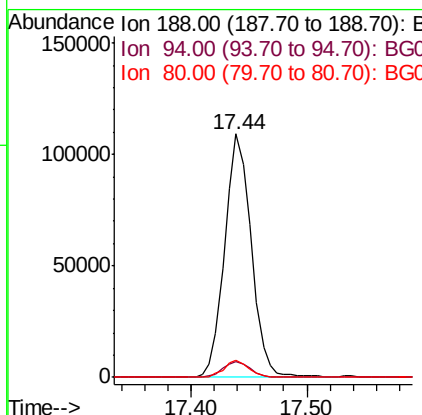
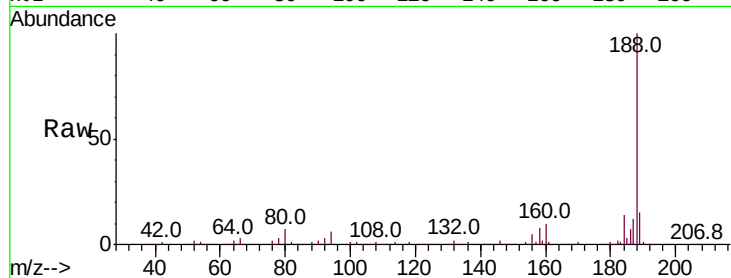




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.44 min Scan# 2442
 Delta R.T. -0.00 min
 Lab File: BG038717.D
 Acq: 19 Dec 2018 7:11

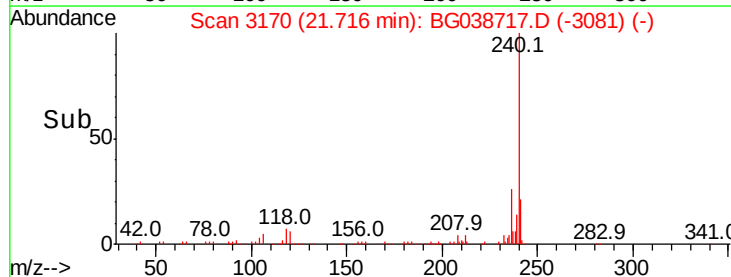
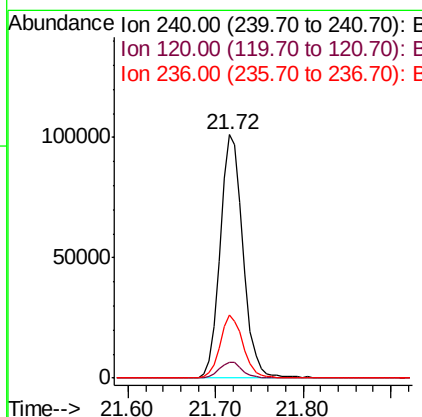
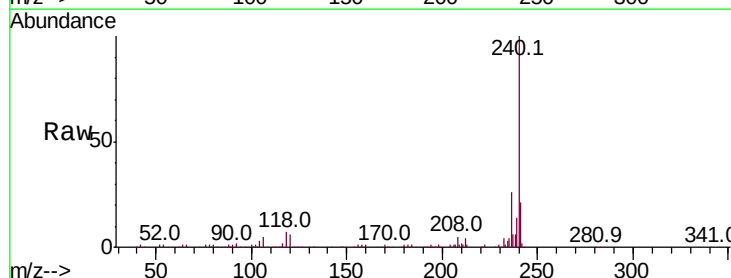
Instrument :
 BNA_G
 ClientSampleId :
 PB115763BL

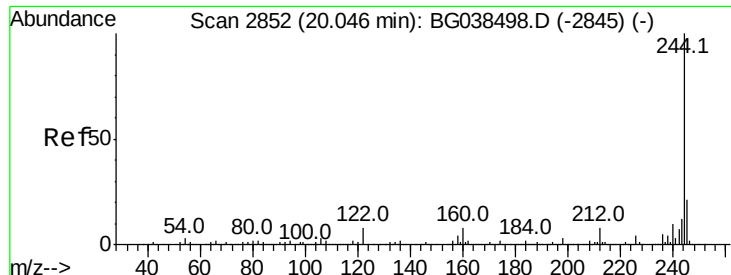
Tot Ion:188 Resp: 174759
 Ion Ratio Lower Upper
 188 100
 94 6.3 5.1 7.7
 80 6.8 6.1 9.1



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.72 min Scan# 3170
 Delta R.T. -0.01 min
 Lab File: BG038717.D
 Acq: 19 Dec 2018 7:11

Tgt Ion:240 Resp: 183275
 Ion Ratio Lower Upper
 240 100
 120 6.3 5.3 7.9
 236 25.8 21.4 32.2





#79

Terphenyl-d14

Concen: 91.486 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.00 min

Lab File: BG038717.D

Acq: 19 Dec 2018 7:11

Instrument :

BNA_G

ClientSampleId :

PB115763BL

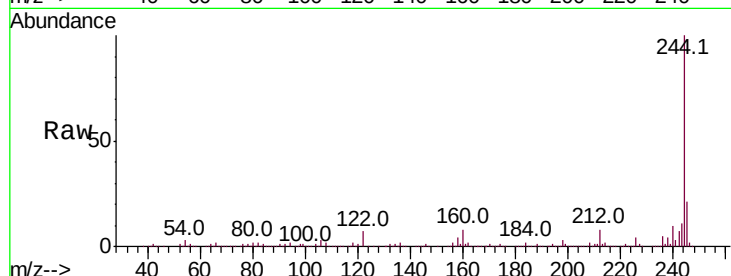
Tot Ion:244 Resp: 770425

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

122 7.3 6.3 9.5

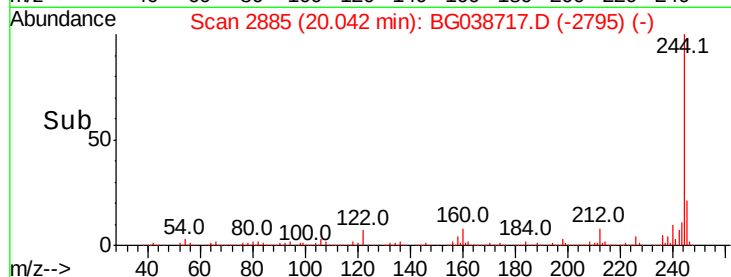


Abundance Ion 244.00 (243.70 to 244.70): E

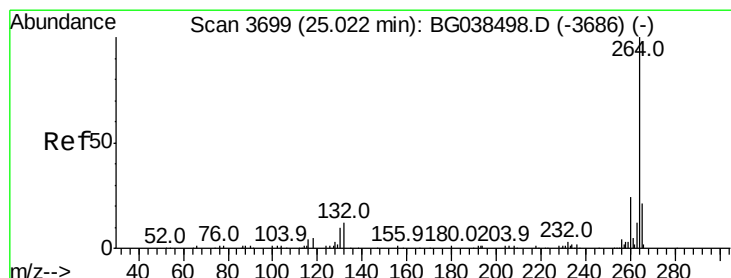
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

20.04



Time-->



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.02 min Scan# 3732

Delta R.T. -0.00 min

Lab File: BG038717.D

Acq: 19 Dec 2018 7:11

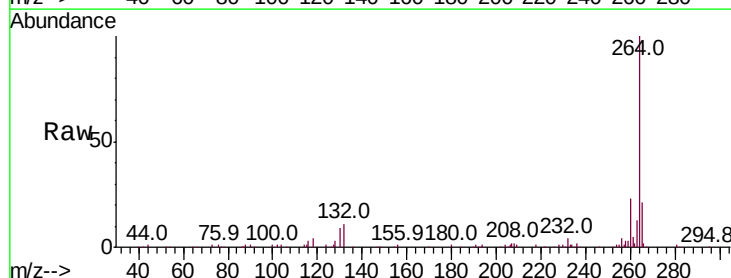
Tgt Ion:264 Resp: 186580

Ion Ratio Lower Upper

264 100

260 22.5 18.9 28.3

265 21.0 17.0 25.4

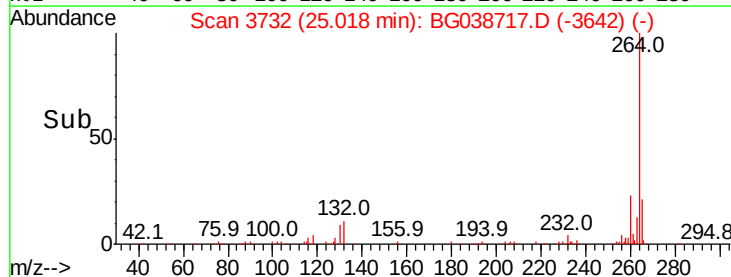


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

25.02



Time-->