

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073019\
 Data File : BG041803.D
 Acq On : 30 Jul 2019 15:58
 Operator : HP/JU
 Sample : PB121801BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB121801BL

Quant Time: Jul 31 02:09:55 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG072719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 07:53:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	87101	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	350747	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	261591	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	635141	20.00	ng	0.00
76) Chrysene-d12	21.74	240	697953	20.00	ng	0.00
87) Perylene-d12	25.01	264	791592	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	592762	132.41	ng	0.00
7) Phenol-d6	7.19	99	808615	133.98	ng	0.00
23) Nitrobenzene-d5	9.21	82	477019	93.59	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	419696	141.25	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	1350724	91.07	ng	0.00
79) Terphenyl-d14	20.07	244	2431253	79.71	ng	0.00

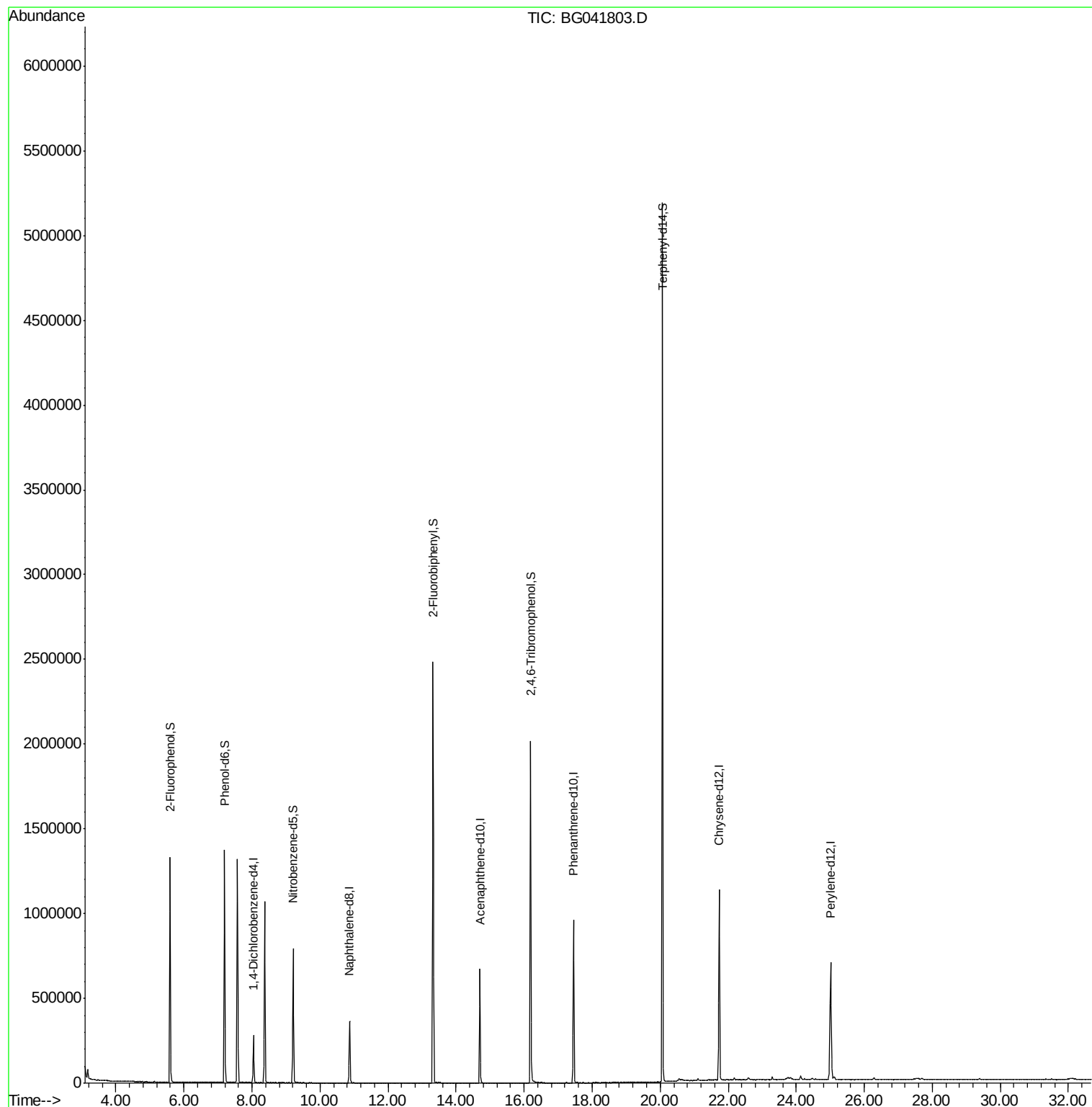
Target Compounds Qvalue

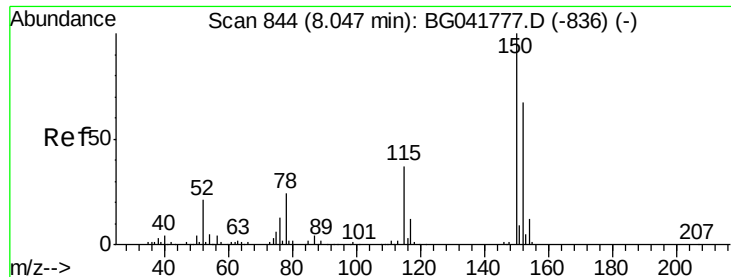
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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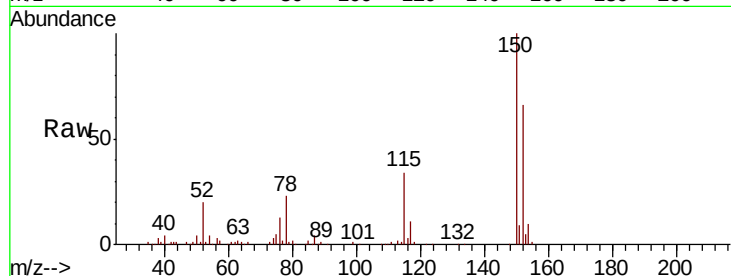


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. 0.00 min
Lab File: BG041803.D
Acq: 30 Jul 2019 15:58

Instrument :
BNA_G
ClientSampleId :
PB121801BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.3	126.9	190.3
115	51.7	45.0	67.6

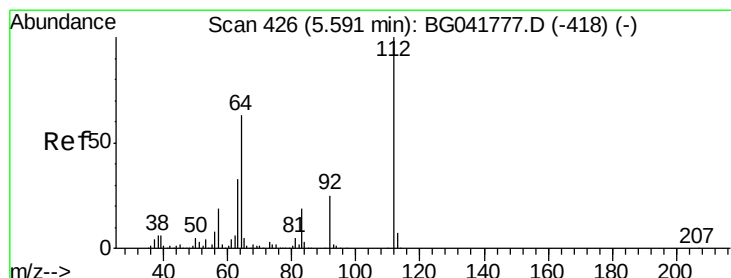
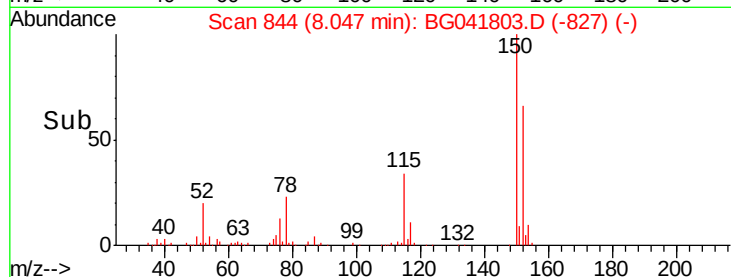
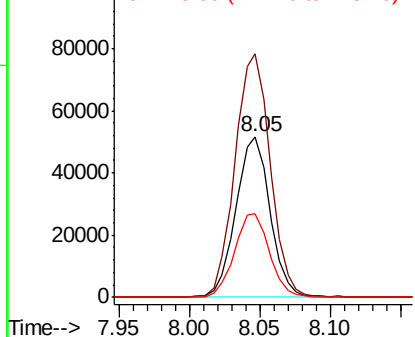


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

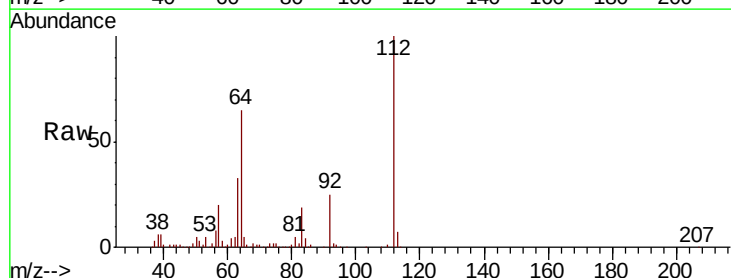
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 132.408 ng
RT: 5.59 min Scan# 426
Delta R.T. 0.00 min
Lab File: BG041803.D
Acq: 30 Jul 2019 15:58

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.0	55.4	83.2
63	33.5	29.1	43.7

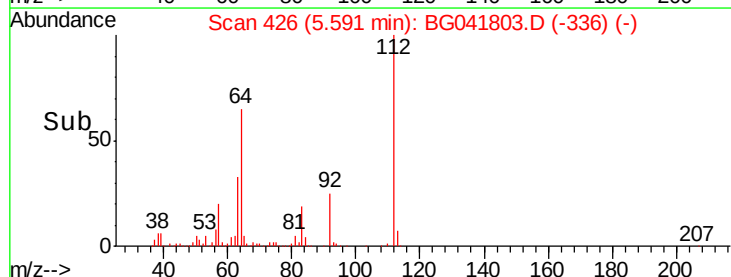
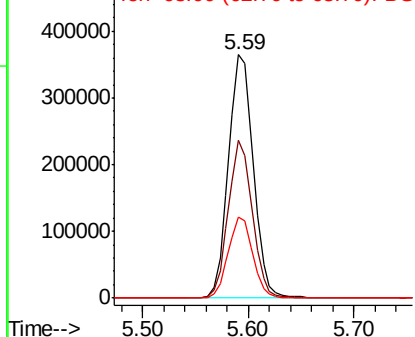


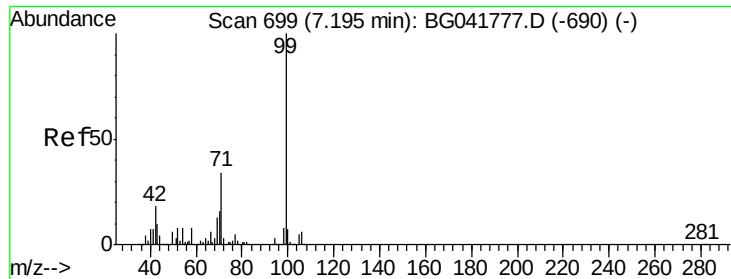
Abundance

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: 133.978 ng

RT: 7.19 min Scan# 699

Delta R.T. 0.00 min

Lab File: BG041803.D

Acq: 30 Jul 2019 15:58

Instrument :

BNA_G

ClientSampleId :

PB121801BL

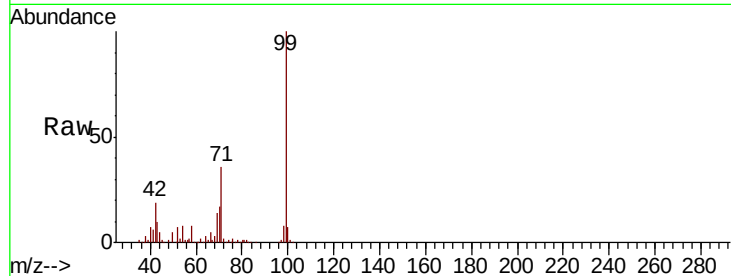
Tot Ion: 99 Resp: 808615

Ion Ratio Lower Upper

99 100

42 19.1 17.6 26.4

71 35.9 27.8 41.6

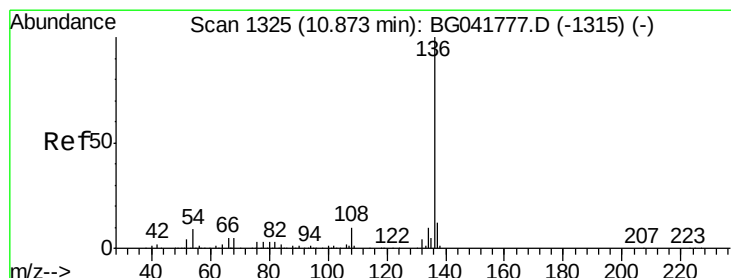
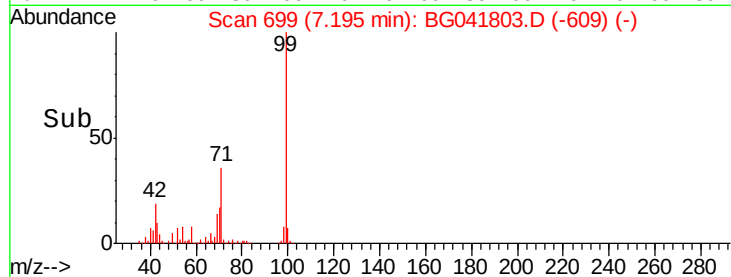
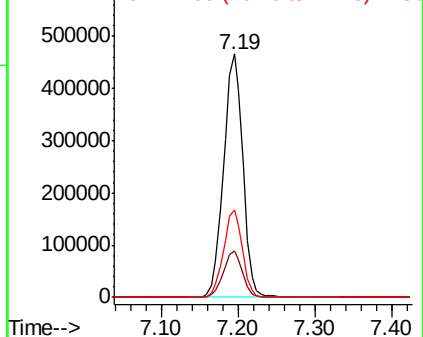


Abundance

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# 1324

Delta R.T. -0.01 min

Lab File: BG041803.D

Acq: 30 Jul 2019 15:58

Tgt Ion: 136 Resp: 350747

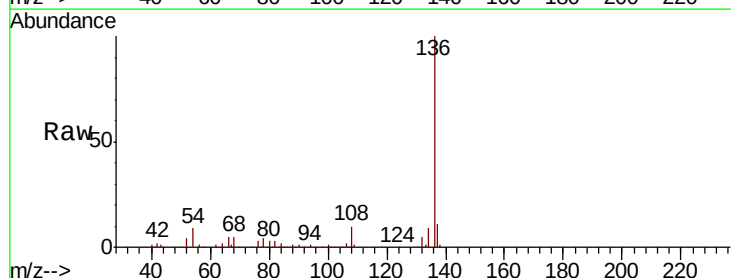
Ion Ratio Lower Upper

136 100

137 11.0 9.2 13.8

54 8.8 8.7 13.1

68 5.3 5.5 8.3#



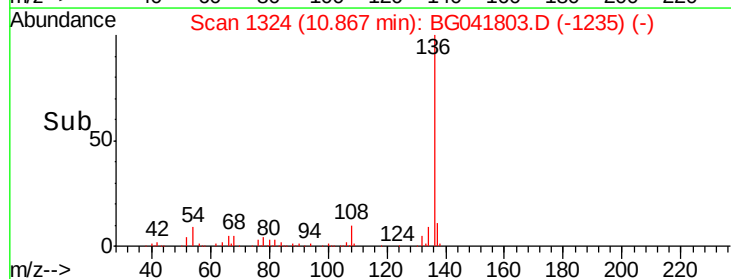
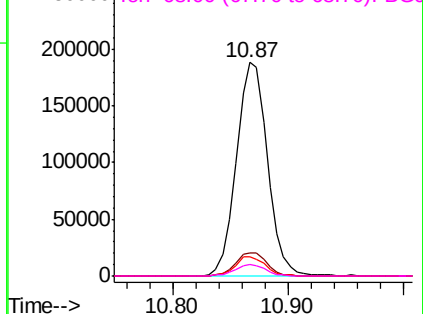
Abundance

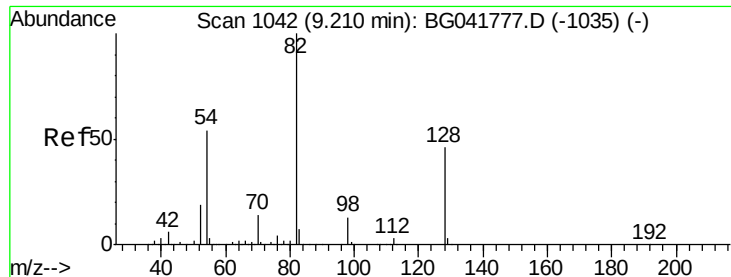
Ion 136.00 (135.70 to 136.70): BGC

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

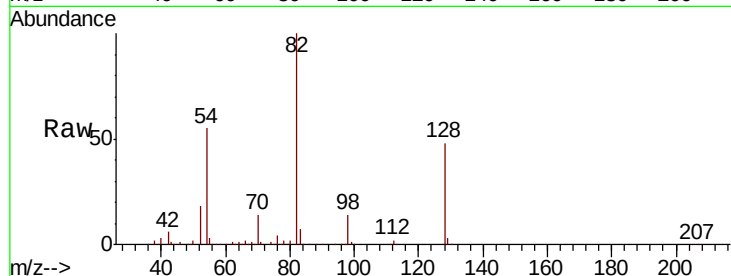




#23
Nitrobenzene-d5
Concen: 93.591 ng
RT: 9.21 min Scan# 1042
Delta R.T. 0.00 min
Lab File: BG041803.D
Acq: 30 Jul 2019 15:58

Instrument :
BNA_G
ClientSampleId :
PB121801BL

Tot Ion	82	Resp	477019
Ion Ratio	100	Lower	Upper
128	48.2	35.1	52.7
54	54.7	48.7	73.1

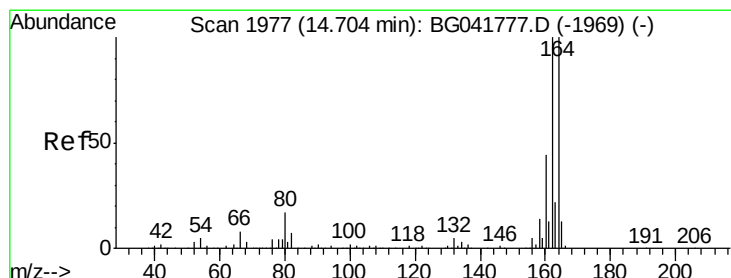
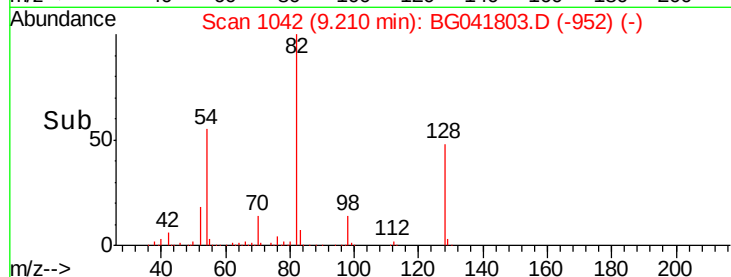
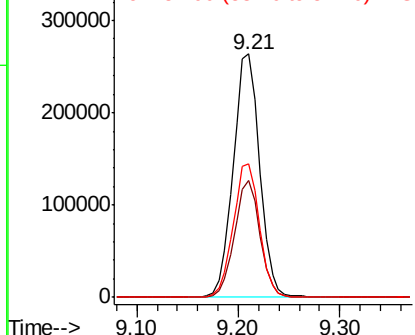


Abundance

Ion 82.00 (81.70 to 82.70): BGC

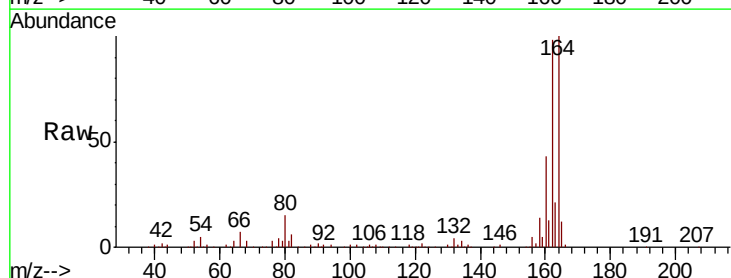
Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.70 min Scan# 1977
Delta R.T. 0.00 min
Lab File: BG041803.D
Acq: 30 Jul 2019 15:58

Tgt Ion	164	Resp	261591
Ion Ratio	100	Lower	Upper
162	98.5	79.6	119.4
160	42.9	35.4	53.0

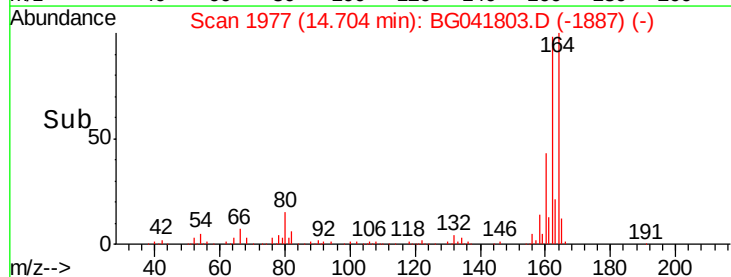
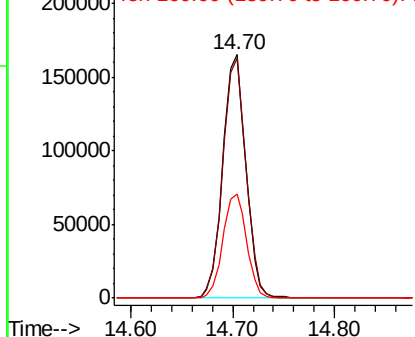


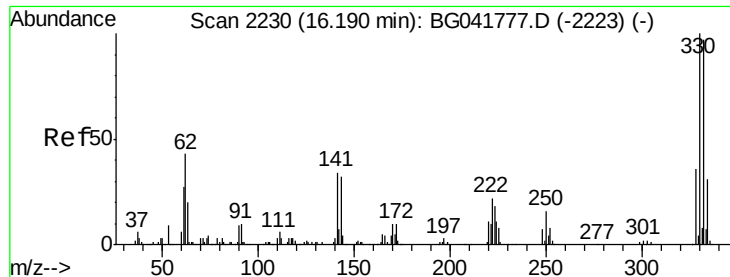
Abundance

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: 141.249 ng

RT: 16.19 min Scan# 2230

Delta R.T. 0.00 min

Lab File: BG041803.D

Acq: 30 Jul 2019 15:58

Instrument :

BNA_G

ClientSampleId :

PB121801BL

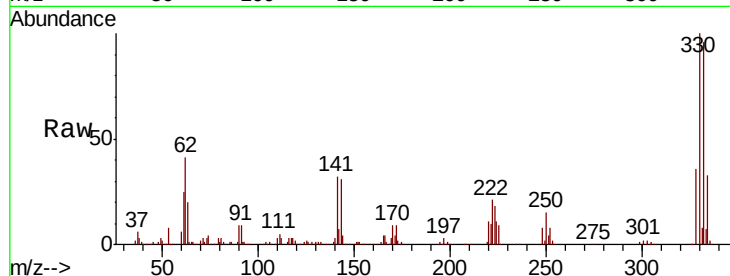
Tot Ion:330 Resp: 419696

Ion Ratio Lower Upper

330 100

332 96.4 77.4 116.0

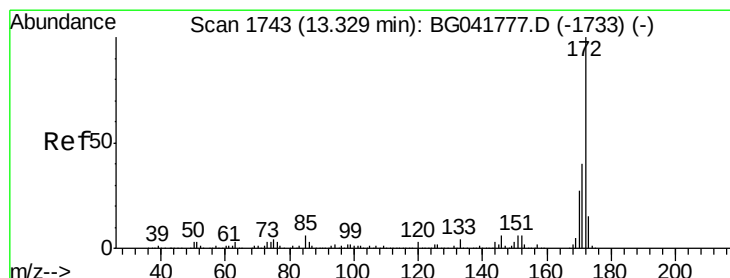
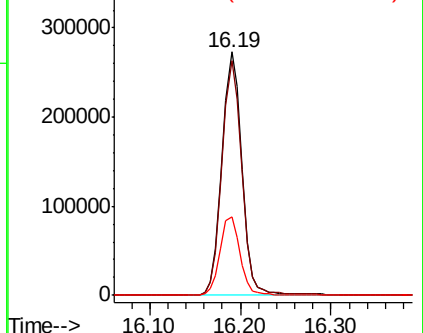
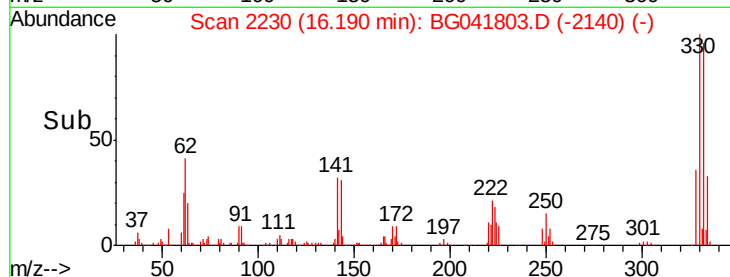
141 32.6 31.9 47.9



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: 91.070 ng

RT: 13.32 min Scan# 1742

Delta R.T. -0.01 min

Lab File: BG041803.D

Acq: 30 Jul 2019 15:58

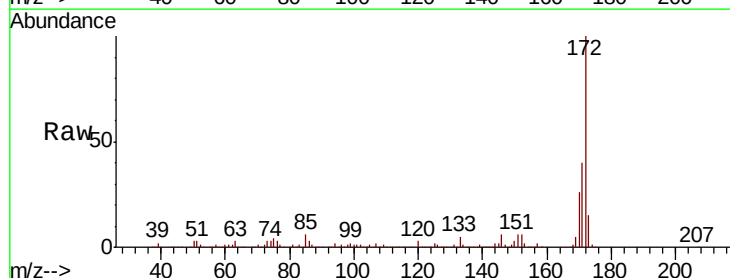
Tgt Ion:172 Resp: 1350724

Ion Ratio Lower Upper

172 100

171 40.1 35.0 52.4

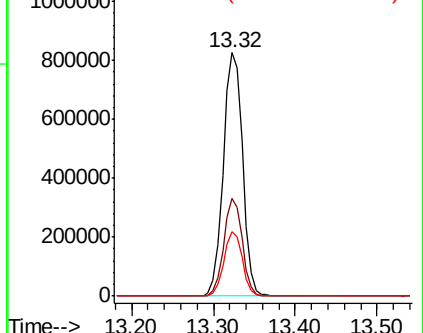
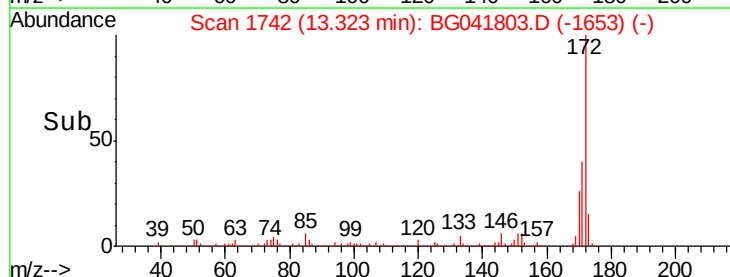
170 26.3 23.5 35.3

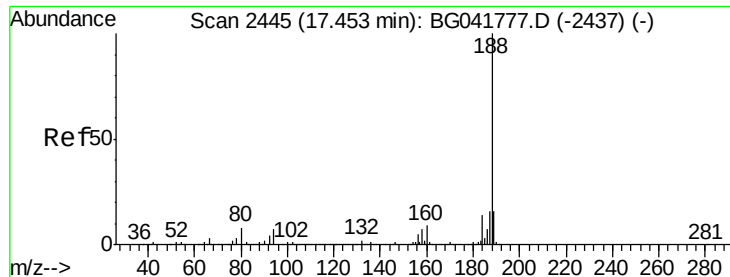


Abundance Ion 172.00 (171.70 to 172.70): E

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: 17.45 min Scan# 2445

Delta R.T. 0.00 min

Lab File: BG041803.D

Acq: 30 Jul 2019 15:58

Instrument :

BNA_G

ClientSampleId :

PB121801BL

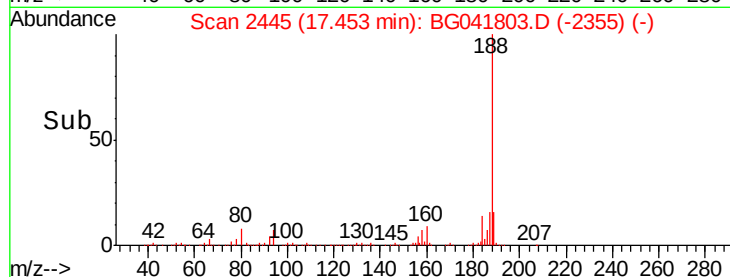
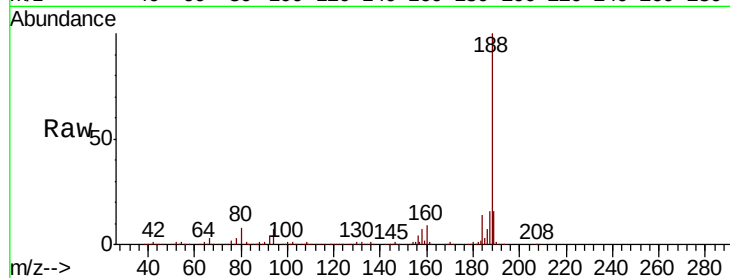
Tot Ion:188 Resp: 635141

Ion Ratio Lower Upper

188 100

94 7.0 6.9 10.3

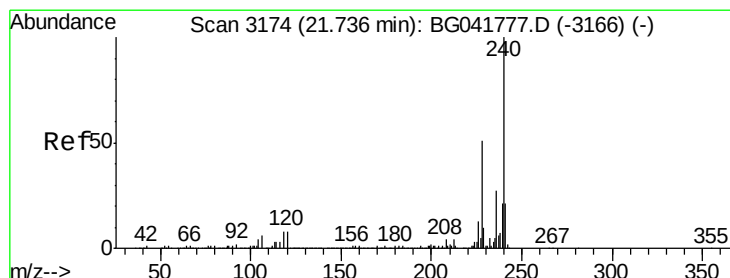
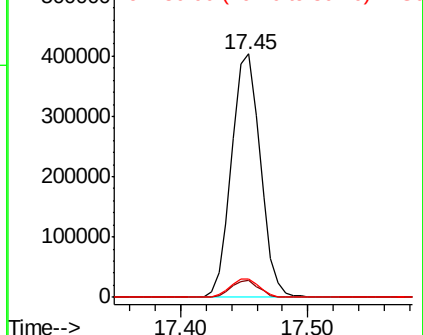
80 7.7 8.0 12.0#



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: 21.74 min Scan# 3174

Delta R.T. 0.00 min

Lab File: BG041803.D

Acq: 30 Jul 2019 15:58

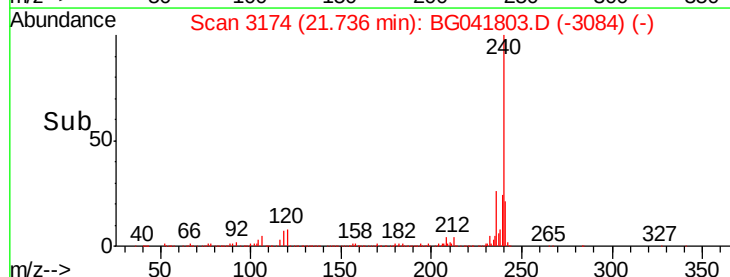
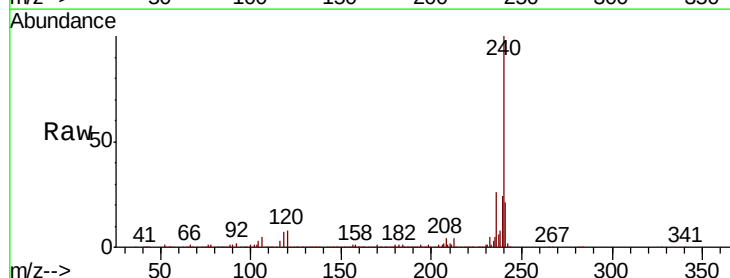
Tgt Ion:240 Resp: 697953

Ion Ratio Lower Upper

240 100

120 7.6 8.0 12.0#

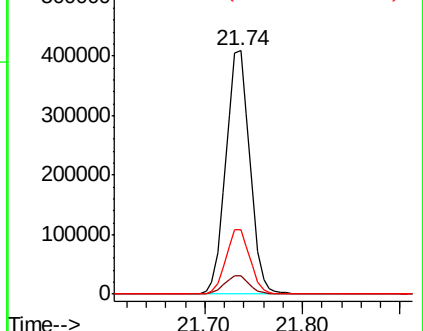
236 26.5 22.6 33.8

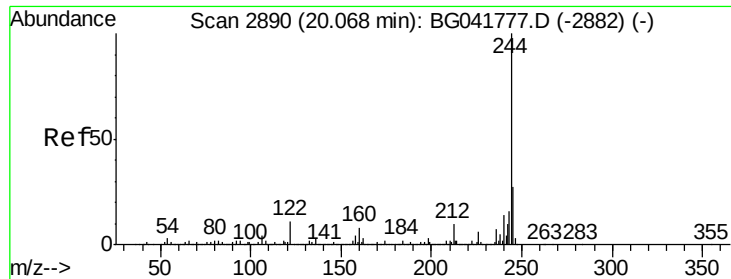


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 79.709 ng

RT: 20.07 min Scan# 2890

Delta R.T. 0.00 min

Lab File: BG041803.D

Acq: 30 Jul 2019 15:58

Instrument :

BNA_G

ClientSampleId :

PB121801BL

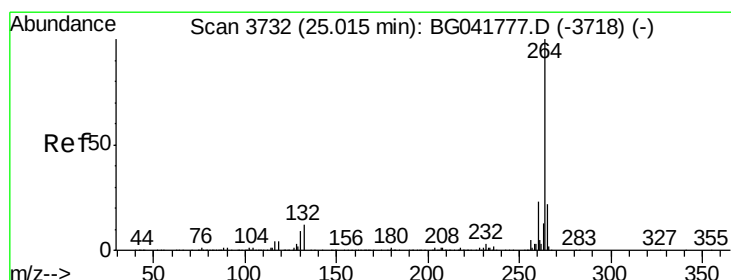
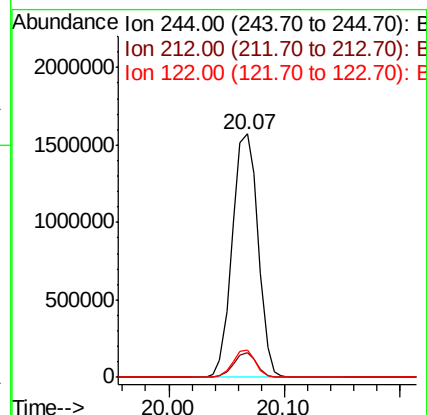
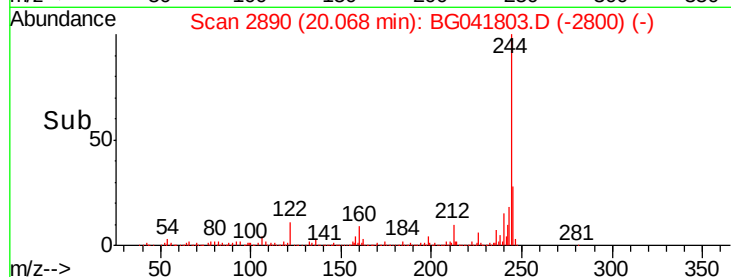
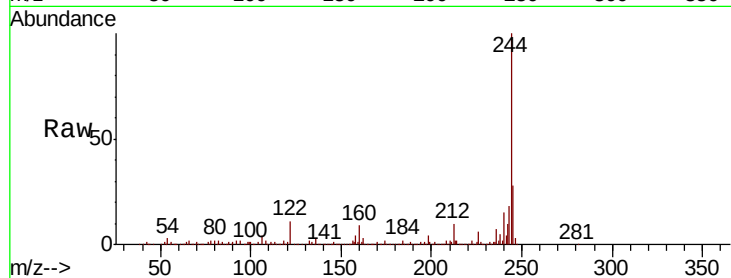
Tot Ion:244 Resp: 2431253

Ion Ratio Lower Upper

244 100

212 10.2 9.7 14.5

122 11.2 12.5 18.7#



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.01 min Scan# 3731

Delta R.T. -0.01 min

Lab File: BG041803.D

Acq: 30 Jul 2019 15:58

Tgt Ion:264 Resp: 791592

Ion Ratio Lower Upper

264 100

260 23.0 19.5 29.3

265 22.8 18.0 27.0

