

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG053019\
 Data File : BG040965.D
 Acq On : 31 May 2019 00:38
 Operator : HP/JU
 Sample : K3090-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-4-S

Quant Time: May 31 04:50:33 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 29 18:39:57 2019
 Response via : Initial Calibration

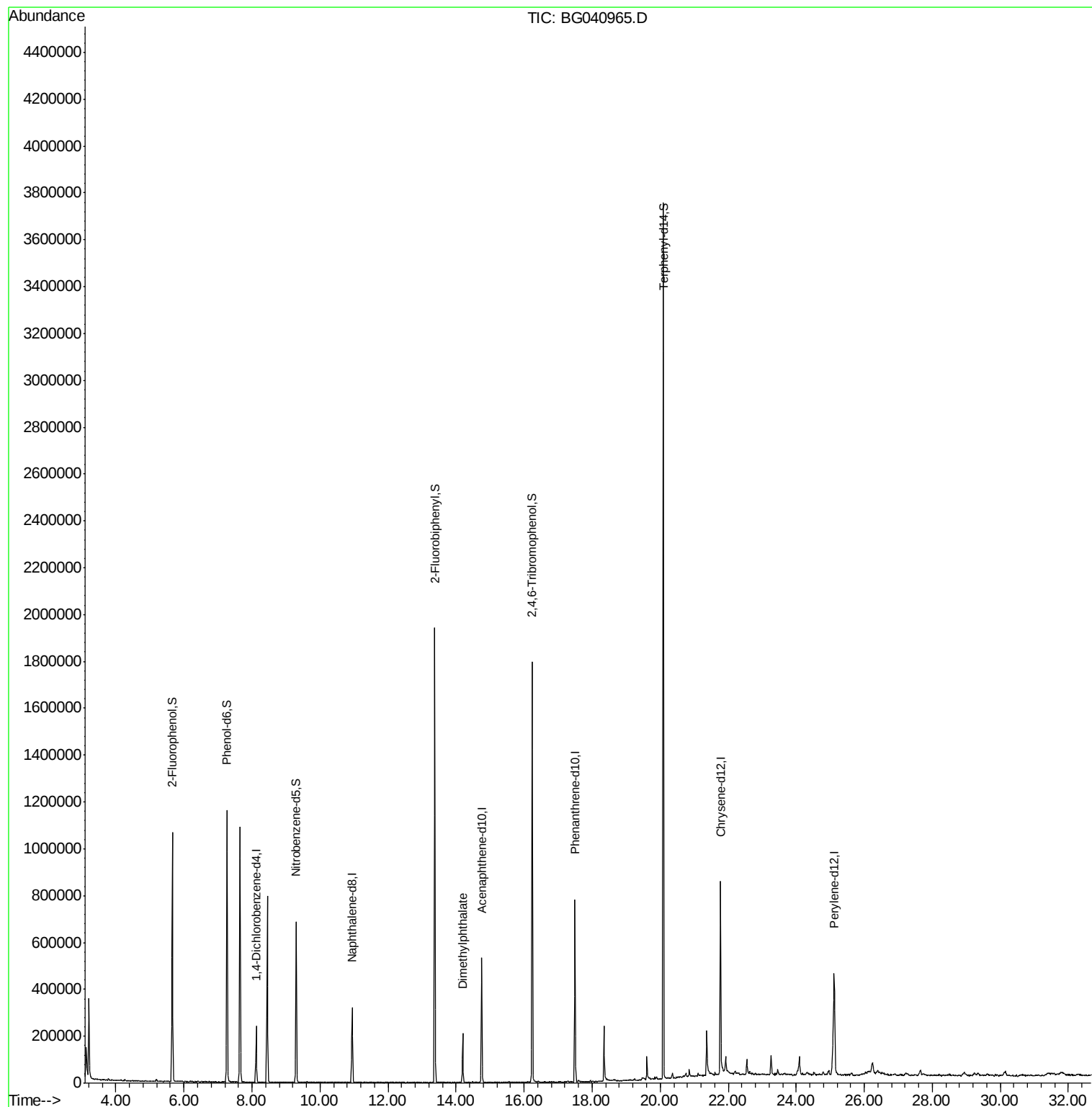
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	63413	20.00	ng	0.00
21) Naphthalene-d8	10.94	136	251267	20.00	ng	0.00
39) Acenaphthene-d10	14.75	164	182508	20.00	ng	0.00
64) Phenanthrene-d10	17.49	188	491741	20.00	ng	0.00
76) Chrysene-d12	21.77	240	492657	20.00	ng	-0.01
87) Perylene-d12	25.11	264	514088	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	398936	113.44	ng	0.00
7) Phenol-d6	7.27	99	585939	107.89	ng	0.00
23) Nitrobenzene-d5	9.30	82	408211	72.12	ng	0.00
42) 2,4,6-Tribromophenol	16.24	330	325820	120.25	ng	0.00
45) 2-Fluorobiphenyl	13.38	172	955536	75.40	ng	0.00
79) Terphenyl-d14	20.09	244	1735444	74.76	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.19	163	135457	8.768	ng	Qvalue 99

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.12 min Scan# 857

Delta R.T. -0.01 min

Lab File: BG040965.D

Acq: 31 May 2019 00:38

Instrument :

BNA_G

ClientSampleId :

TP-4-S

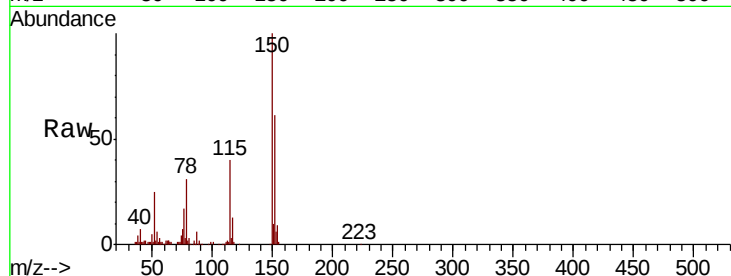
Tot Ion:152 Resp: 63413

Ion Ratio Lower Upper

152 100

150 163.8 120.6 180.8

115 65.6 45.1 67.7

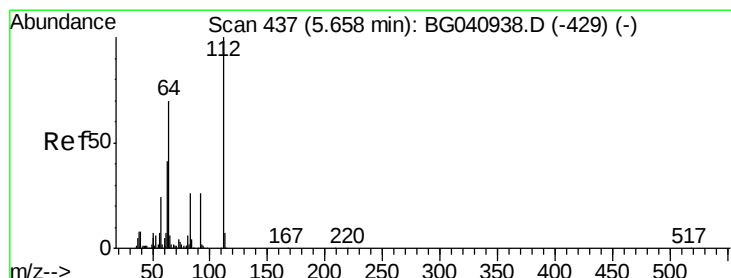
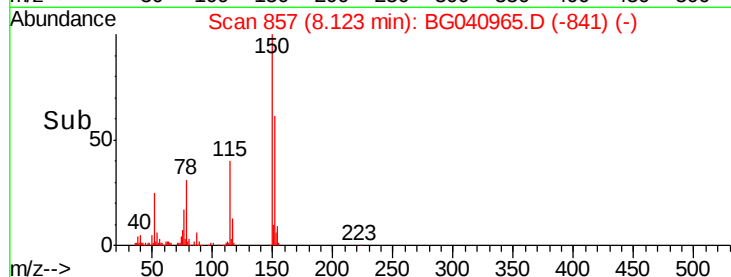
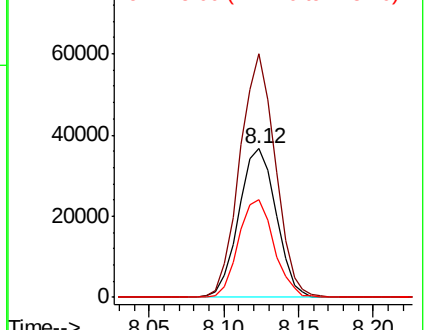


Abundance

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: 113.441 ng

RT: 5.66 min Scan# 437

Delta R.T. -0.00 min

Lab File: BG040965.D

Acq: 31 May 2019 00:38

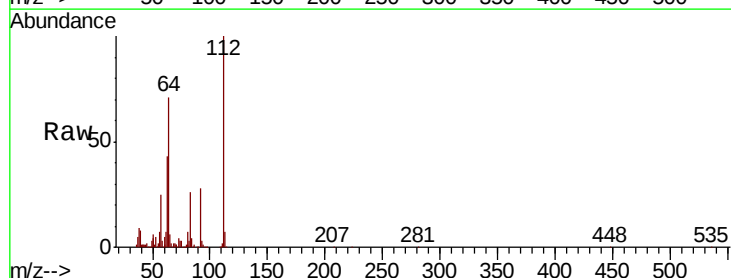
Tgt Ion:112 Resp: 398936

Ion Ratio Lower Upper

112 100

64 71.5 56.2 84.2

63 42.8 32.8 49.2

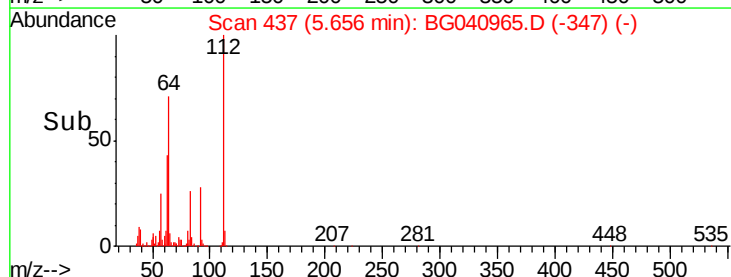
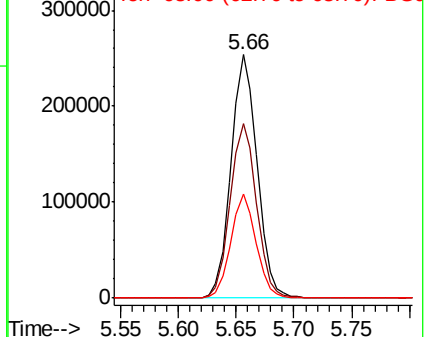


Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 107.885 ng

RT: 7.27 min Scan# 711

Delta R.T. -0.00 min

Lab File: BG040965.D

Acq: 31 May 2019 00:38

Instrument :

BNA_G

ClientSampleId :

TP-4-S

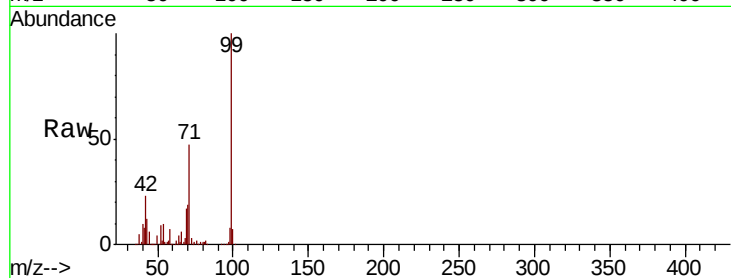
Tot Ion: 99 Resp: 585939

Ion Ratio Lower Upper

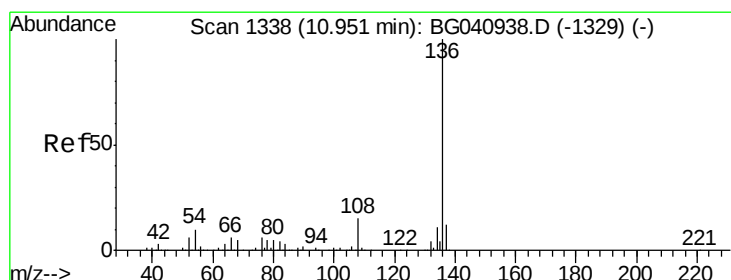
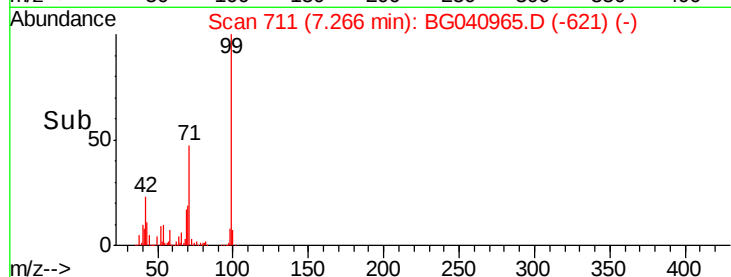
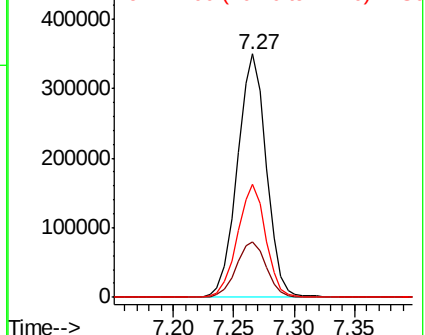
99 100

42 22.9 17.9 26.9

71 46.6 35.4 53.0



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: 10.94 min Scan# 1337

Delta R.T. -0.01 min

Lab File: BG040965.D

Acq: 31 May 2019 00:38

Tgt Ion: 136 Resp: 251267

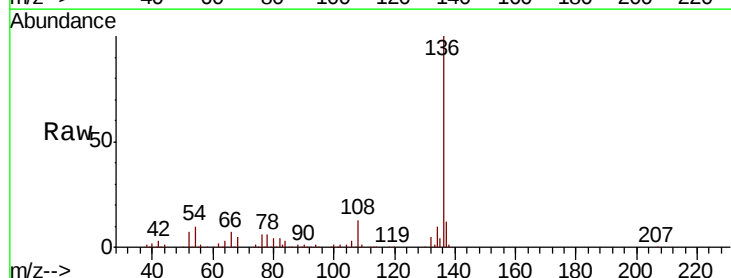
Ion Ratio Lower Upper

136 100

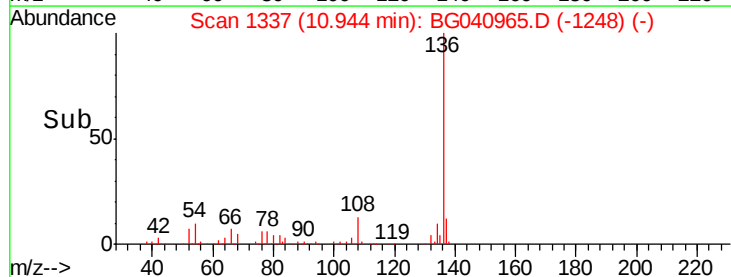
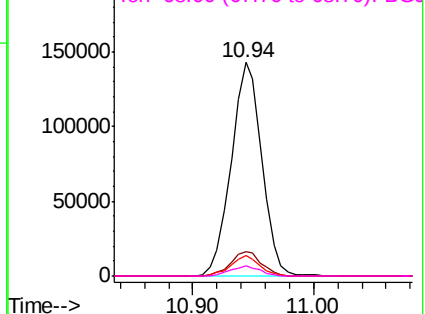
137 11.6 9.5 14.3

54 9.8 7.6 11.4

68 5.0 3.9 5.9



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: 72.122 ng

RT: 9.30 min Scan# 1057

Delta R.T. -0.01 min

Lab File: BG040965.D

Acq: 31 May 2019 00:38

Instrument :

BNA_G

ClientSampleId :

TP-4-S

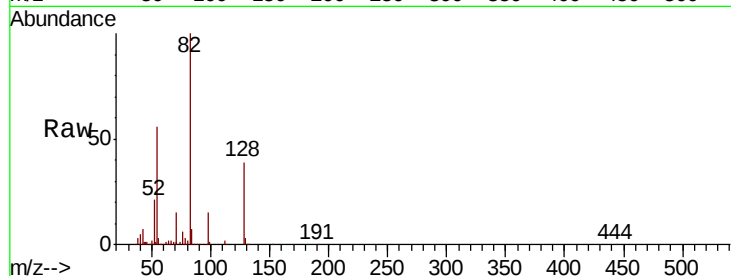
Tot Ion: 82 Resp: 408211

Ion Ratio Lower Upper

82 100

128 39.4 30.5 45.7

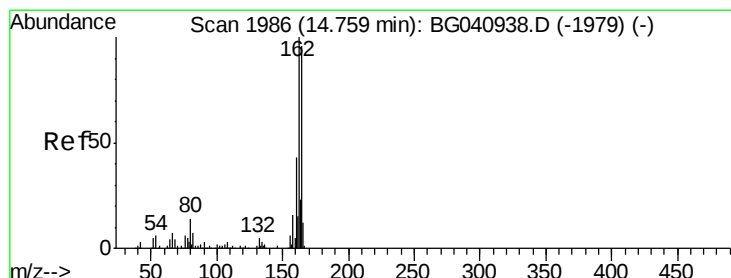
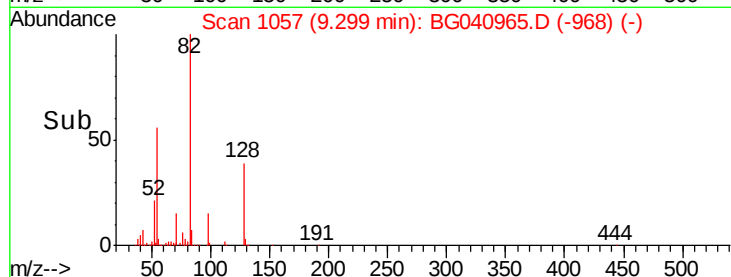
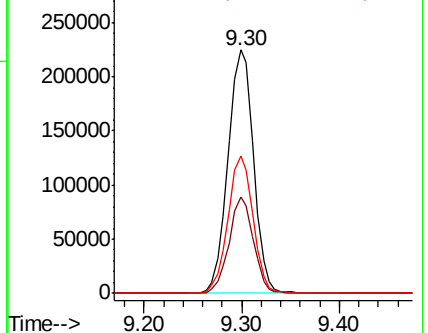
54 56.2 44.6 66.8



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: 14.75 min Scan# 1985

Delta R.T. -0.01 min

Lab File: BG040965.D

Acq: 31 May 2019 00:38

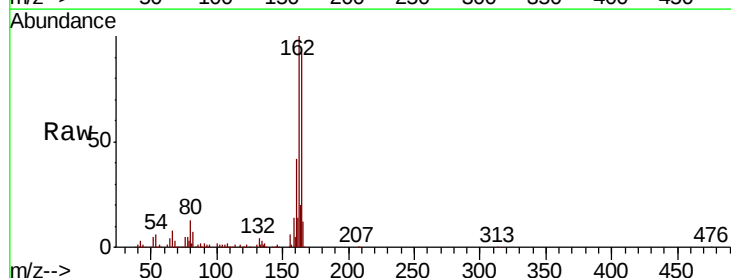
Tgt Ion: 164 Resp: 182508

Ion Ratio Lower Upper

164 100

162 108.8 83.0 124.4

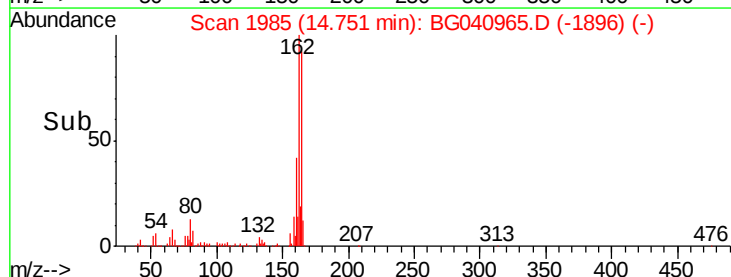
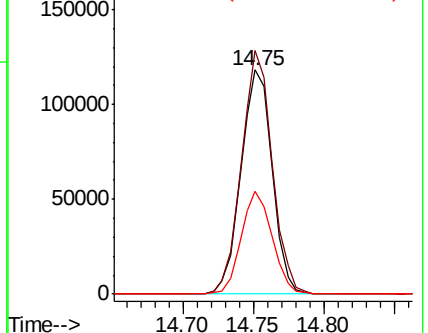
160 45.7 35.6 53.4

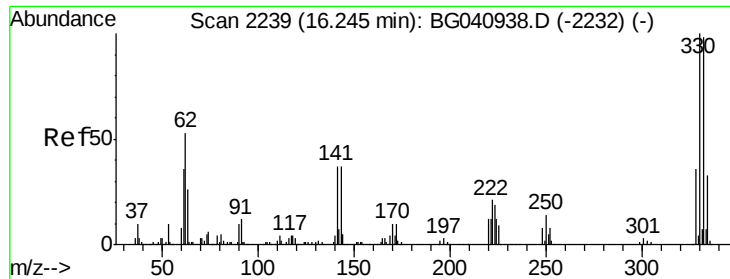


Abundance Ion 164.00 (163.70 to 164.70): BGC

Ion 162.00 (161.70 to 162.70): BGC

Ion 160.00 (159.70 to 160.70): BGC

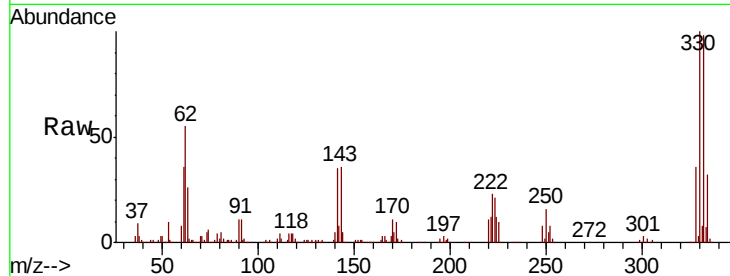




#42
 2,4,6-Tribromophenol
 Concen: 120.253 ng
 RT: 16.24 min Scan# 2238
 Delta R.T. -0.01 min
 Lab File: BG040965.D
 Acq: 31 May 2019 00:38

Instrument :
 BNA_G
 ClientSampleId :
 TP-4-S

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.2	78.5	117.7
141	36.5	28.7	43.1

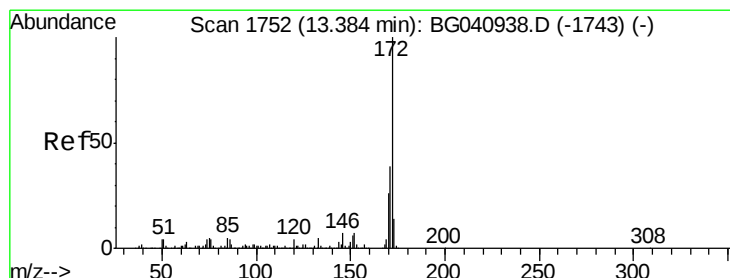
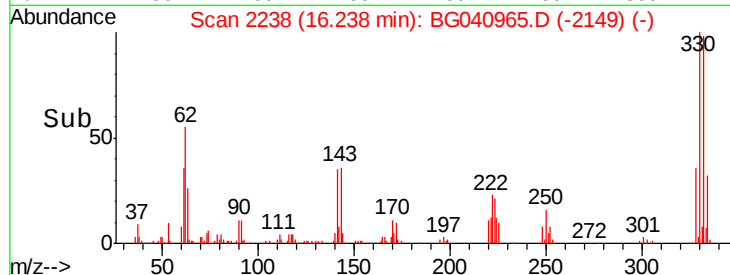
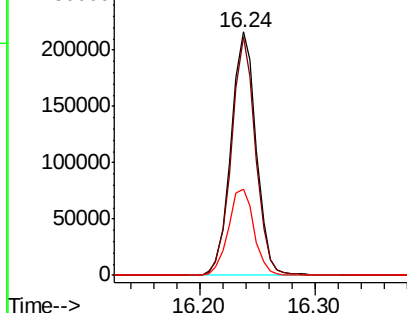


Abundance

Ion 329.80 (329.50 to 330.50): E

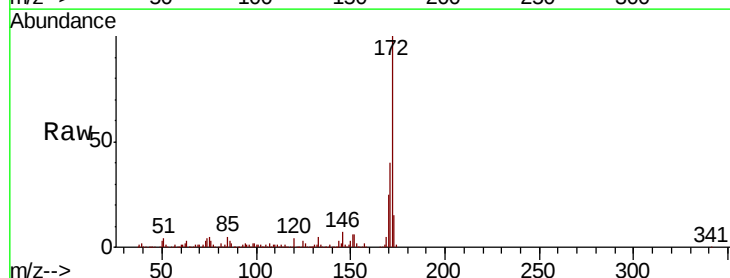
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 75.398 ng
 RT: 13.38 min Scan# 1751
 Delta R.T. -0.01 min
 Lab File: BG040965.D
 Acq: 31 May 2019 00:38

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.6	31.1	46.7
170	25.4	20.5	30.7

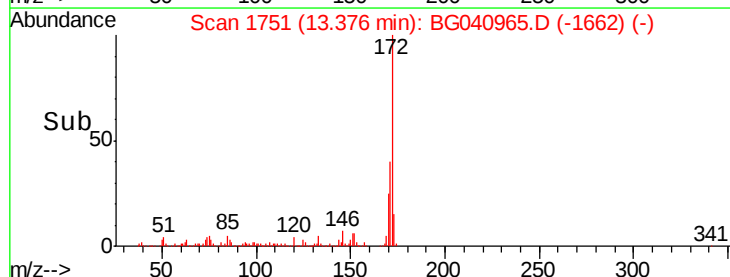
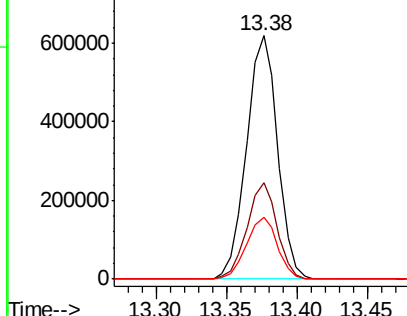


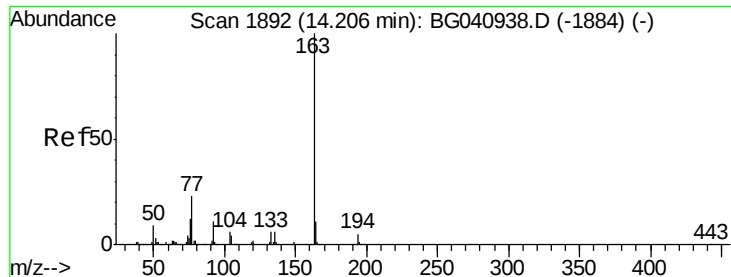
Abundance

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

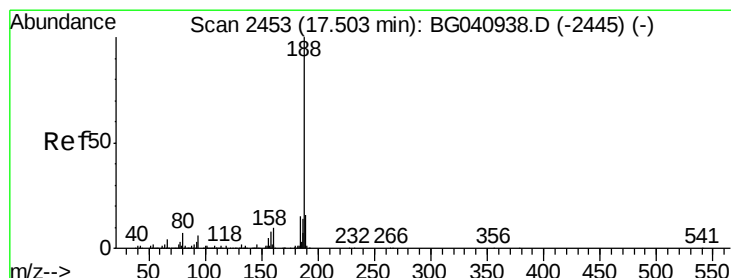
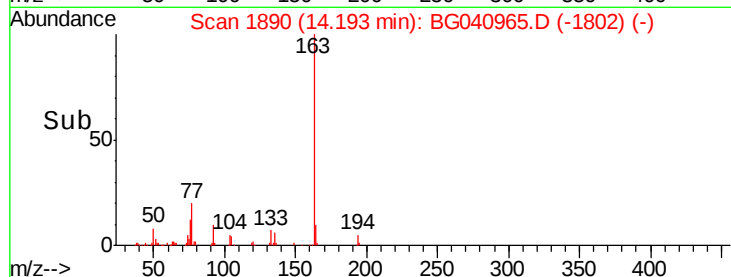
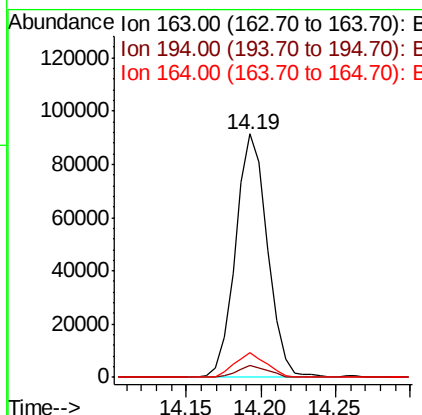
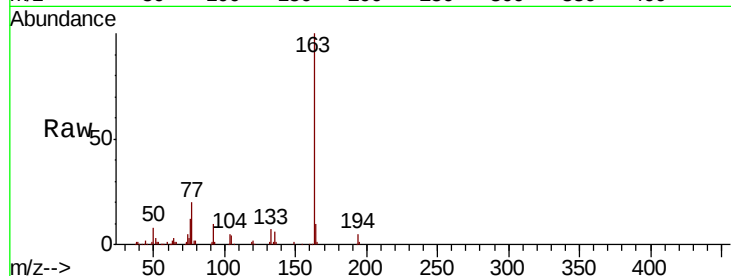




#50
Dimethylphthalate
Concen: 8.768 ng
RT: 14.19 min Scan# 1890
Delta R.T. -0.01 min
Lab File: BG040965.D
Acq: 31 May 2019 00:38

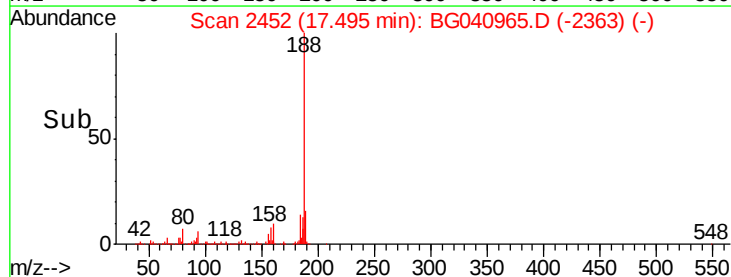
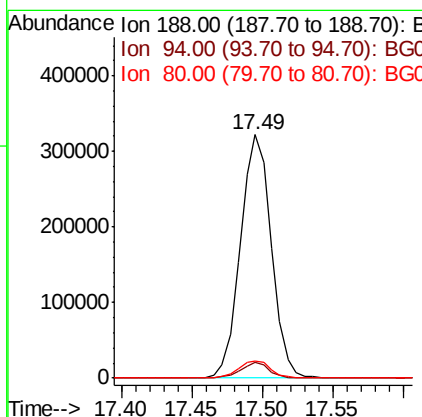
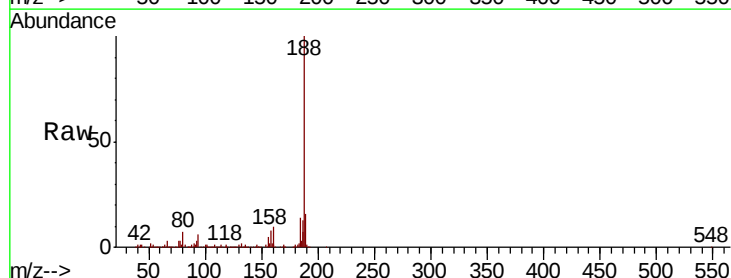
Instrument :
BNA_G
ClientSampleId :
TP-4-S

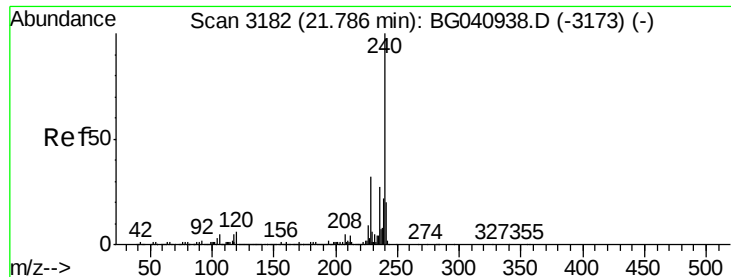
Tot Ion	Ratio	Lower	Upper
163	100		
194	5.0	3.8	5.8
164	10.3	8.7	13.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2452
Delta R.T. -0.01 min
Lab File: BG040965.D
Acq: 31 May 2019 00:38

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.2	4.7	7.1
80	7.1	5.8	8.8





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.77 min Scan# 3180

Delta R.T. -0.01 min

Lab File: BG040965.D

Acq: 31 May 2019 00:38

Instrument :

BNA_G

ClientSampleId :

TP-4-S

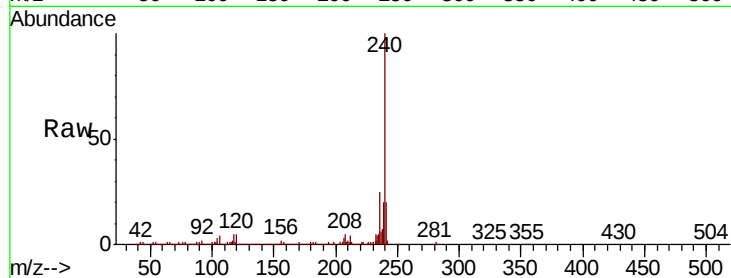
Tot Ion:240 Resp: 492657

Ion Ratio Lower Upper

240 100

120 4.8 4.5 6.7

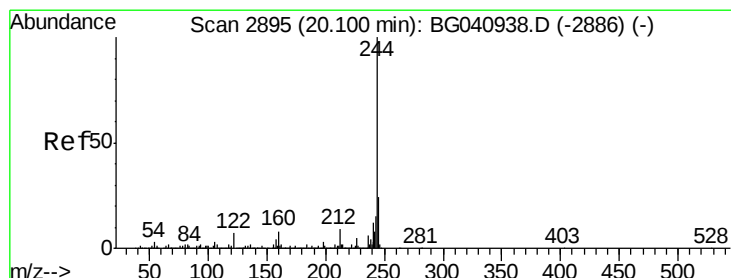
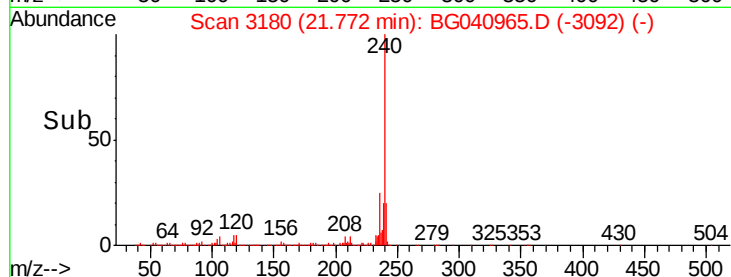
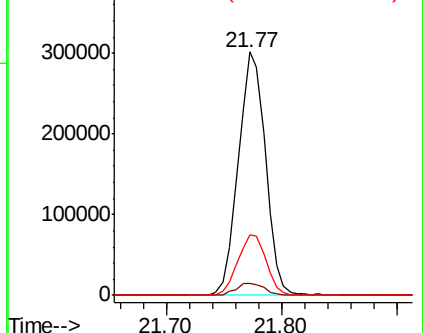
236 24.9 21.3 31.9



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: 74.762 ng

RT: 20.09 min Scan# 2894

Delta R.T. -0.01 min

Lab File: BG040965.D

Acq: 31 May 2019 00:38

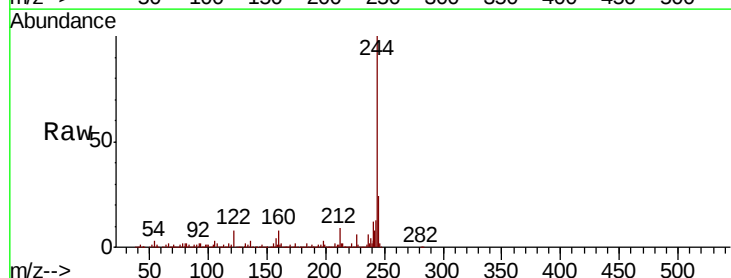
Tgt Ion:244 Resp: 1735444

Ion Ratio Lower Upper

244 100

212 9.1 7.0 10.4

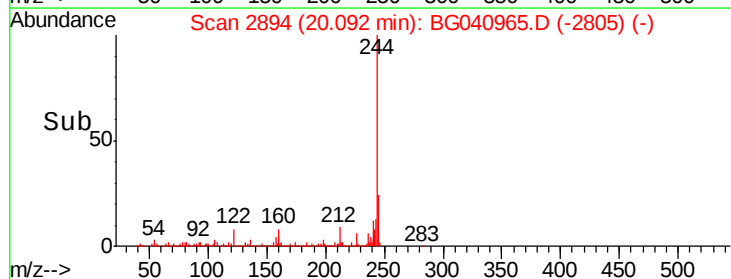
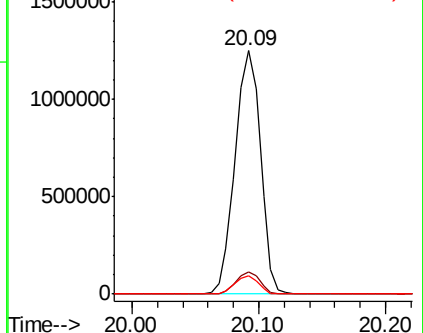
122 7.6 5.4 8.0

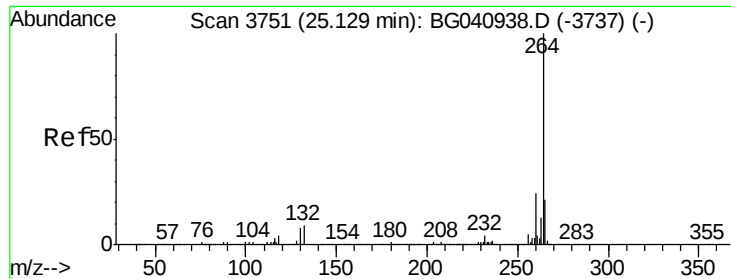


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.11 min Scan# 3748
 Delta R.T. -0.02 min
 Lab File: BG040965.D
 Acq: 31 May 2019 00:38

Instrument :
 BNA_G
 ClientSampleId :
 TP-4-S

Tot Ion:	264	Resp:	514088
Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.0	28.4
265	21.8	17.0	25.4

