

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071719\
 Data File : BG041706.D
 Acq On : 18 Jul 2019 2:45
 Operator : HP/JU
 Sample : K3835-32
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-7(13-15)

Quant Time: Jul 18 07:58:54 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 15 16:16:21 2019
 Response via : Initial Calibration

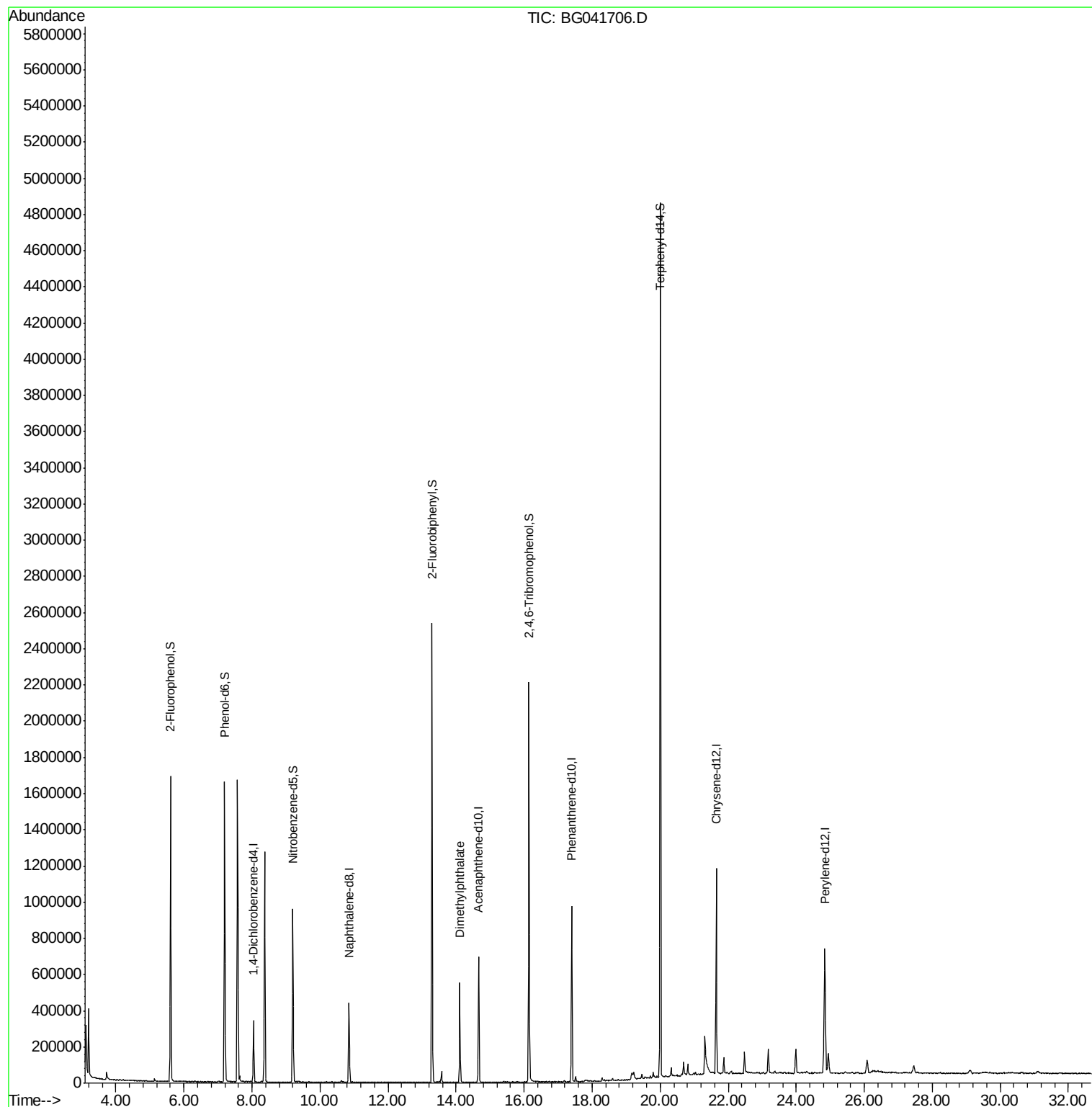
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	98746	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	390949	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	235340	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	612352	20.00	ng	0.00
76) Chrysene-d12	21.65	240	640284	20.00	ng	-0.01
87) Perylene-d12	24.84	264	731311	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	702574	116.31	ng	0.00
7) Phenol-d6	7.20	99	977967	120.37	ng	0.00
23) Nitrobenzene-d5	9.20	82	582091	90.55	ng	-0.01
42) 2,4,6-Tribromophenol	16.14	330	395661	149.18	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	1316186	86.60	ng	0.00
79) Terphenyl-d14	20.00	244	2112120	77.09	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.11	163	382982	20.720	ng	Qvalue 100

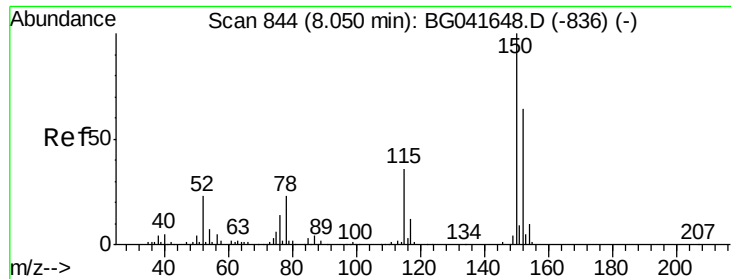
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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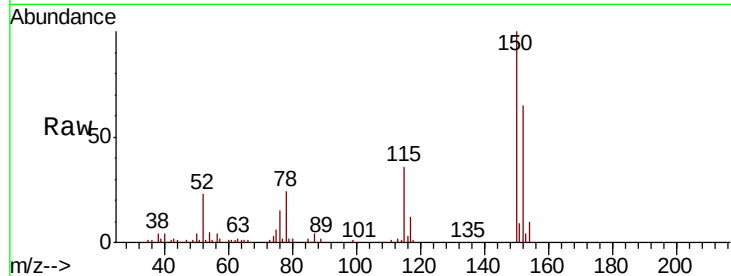


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.01 min
Lab File: BG041706.D
Acq: 18 Jul 2019 2:45

Instrument :
BNA_G
ClientSampleId :
SB-7(13-15)

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.7	126.9	190.3
115	56.2	45.0	67.6

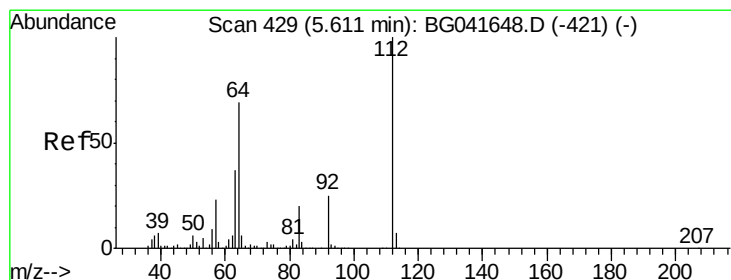
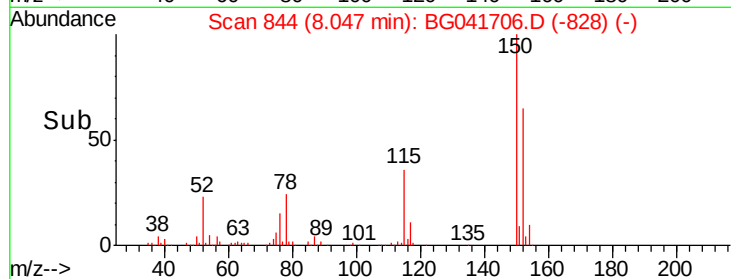
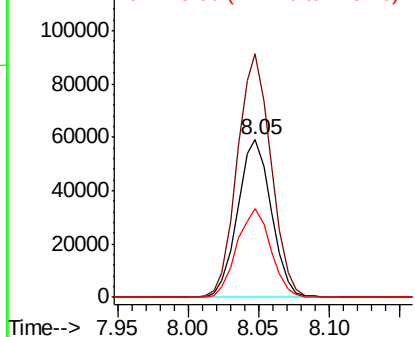


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

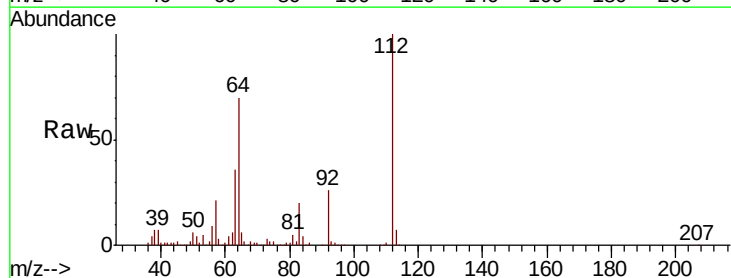
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 116.312 ng
RT: 5.61 min Scan# 429
Delta R.T. -0.00 min
Lab File: BG041706.D
Acq: 18 Jul 2019 2:45

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.8	55.4	83.2
63	36.0	29.1	43.7

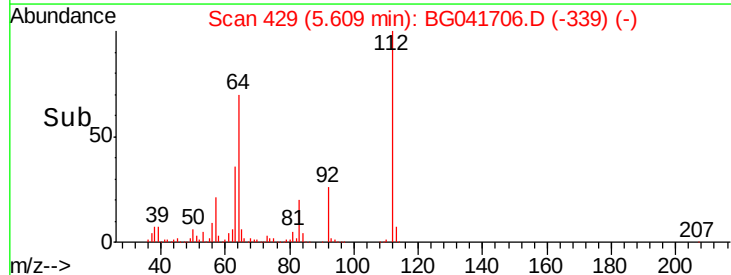
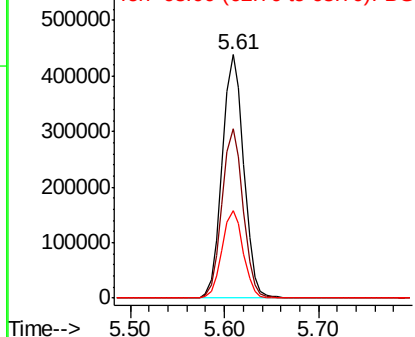


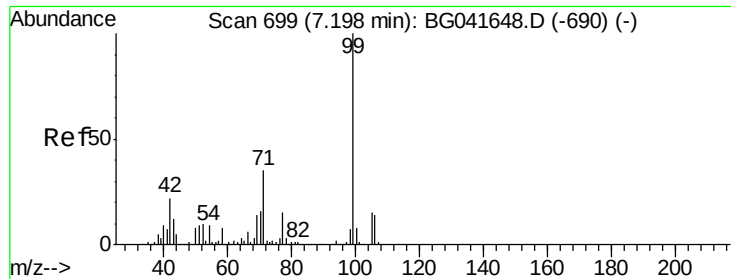
Abundance

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: 120.370 ng

RT: 7.20 min Scan# 699

Delta R.T. -0.01 min

Lab File: BG041706.D

Acq: 18 Jul 2019 2:45

Instrument :

BNA_G

ClientSampleId :

SB-7(13-15)

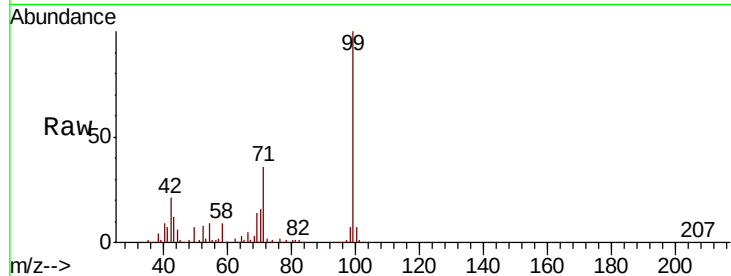
Tot Ion: 99 Resp: 977967

Ion Ratio Lower Upper

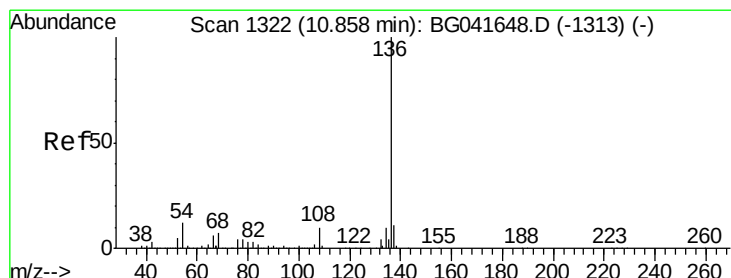
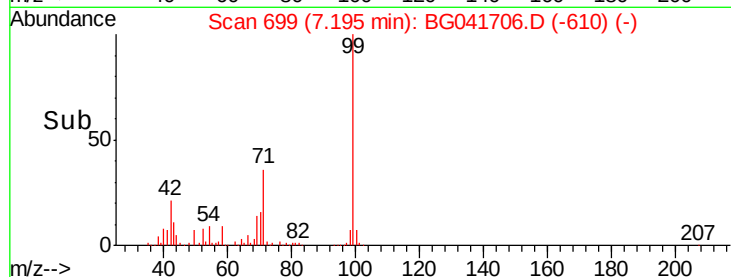
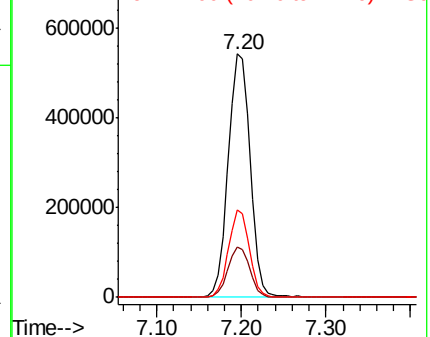
99 100

42 20.8 17.6 26.4

71 35.7 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: 10.85 min Scan# 1321

Delta R.T. -0.01 min

Lab File: BG041706.D

Acq: 18 Jul 2019 2:45

Tgt Ion: 136 Resp: 390949

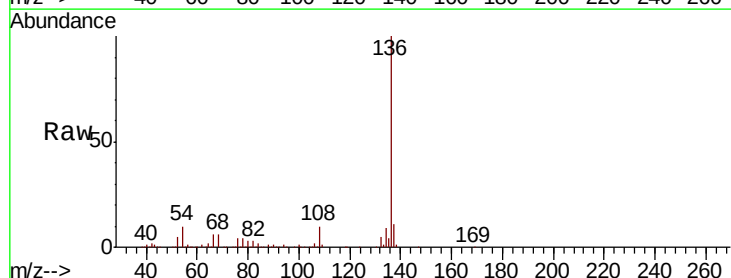
Ion Ratio Lower Upper

136 100

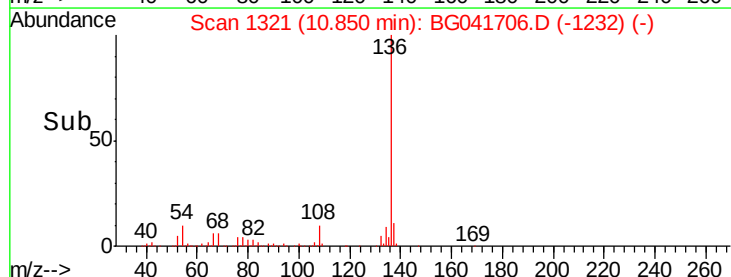
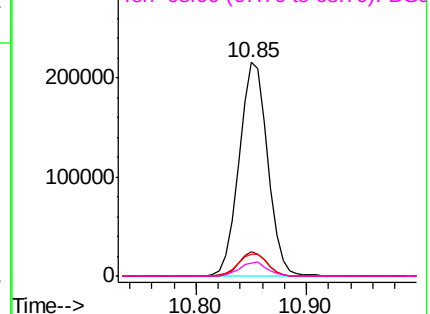
137 11.1 9.2 13.8

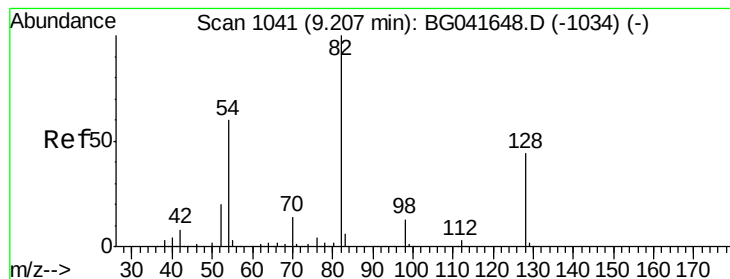
54 10.0 8.7 13.1

68 6.1 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: 90.549 ng

RT: 9.20 min Scan# 1040

Delta R.T. -0.01 min

Lab File: BG041706.D

Acq: 18 Jul 2019 2:45

Instrument :

BNA_G

ClientSampled :

SB-7(13-15)

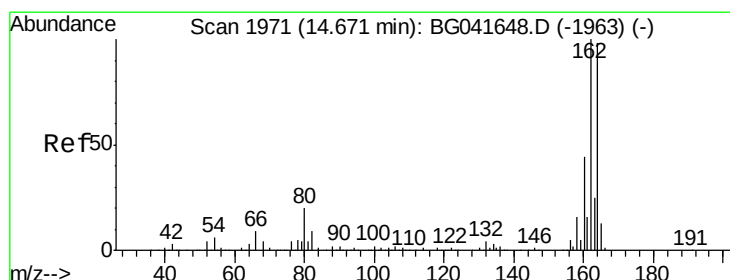
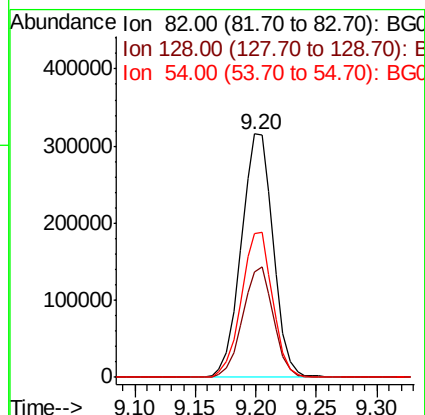
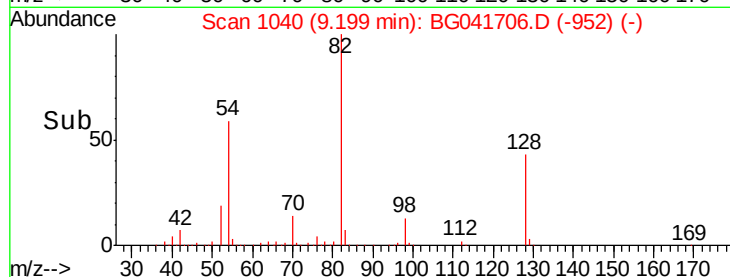
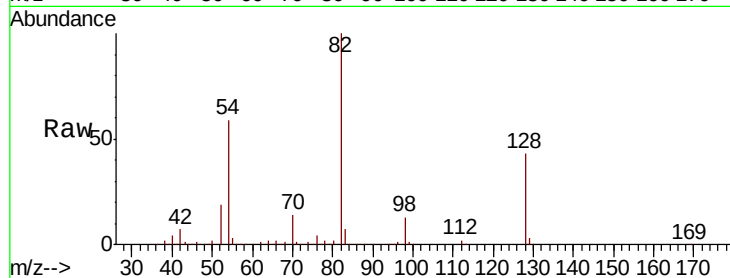
Tot Ion: 82 Resp: 582091

Ion Ratio Lower Upper

82 100

128 43.5 35.1 52.7

54 59.2 48.7 73.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1970

Delta R.T. -0.01 min

Lab File: BG041706.D

Acq: 18 Jul 2019 2:45

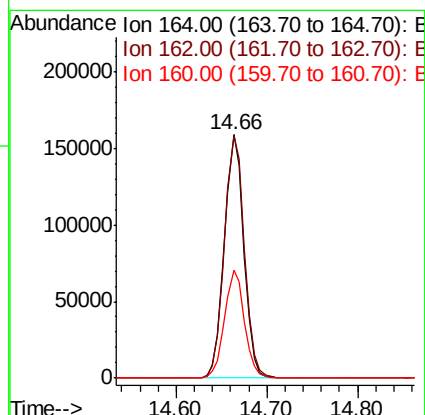
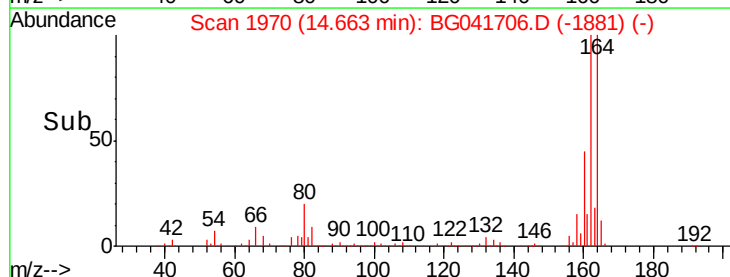
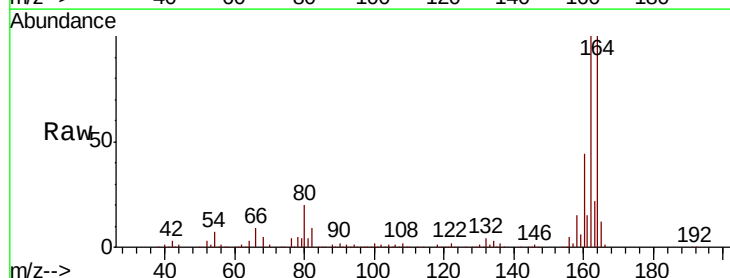
Tgt Ion: 164 Resp: 235340

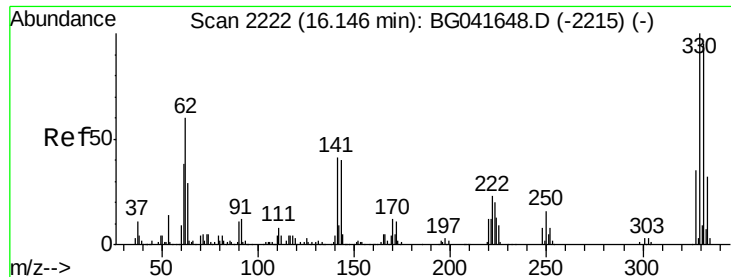
Ion Ratio Lower Upper

164 100

162 99.6 79.6 119.4

160 44.4 35.4 53.0

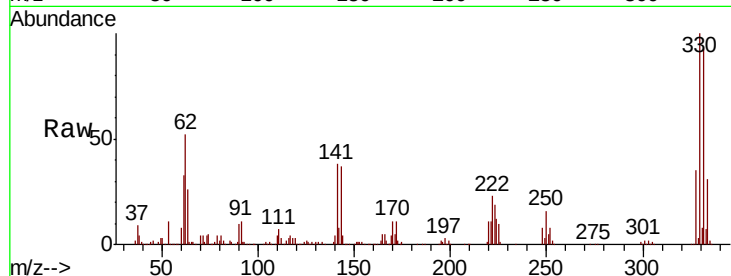




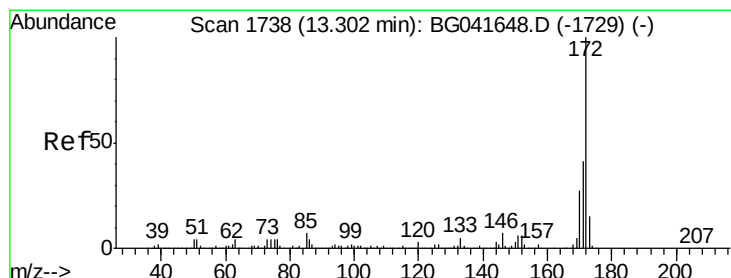
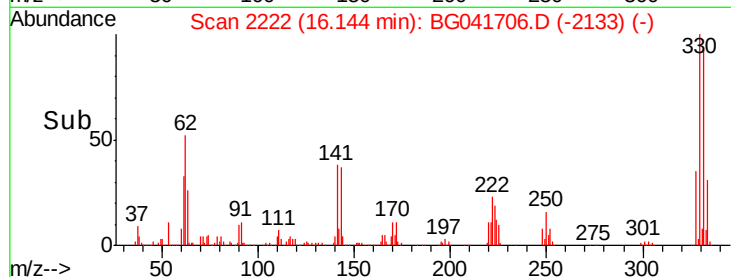
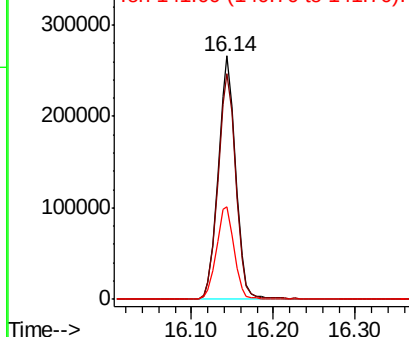
#42
 2,4,6-Tribromophenol
 Concen: 149.180 ng
 RT: 16.14 min Scan# 2222
 Delta R.T. -0.01 min
 Lab File: BG041706.D
 Acq: 18 Jul 2019 2:45

Instrument :
 BNA_G
 ClientSampleId :
 SB-7(13-15)

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.1	77.4	116.0
141	39.2	31.9	47.9

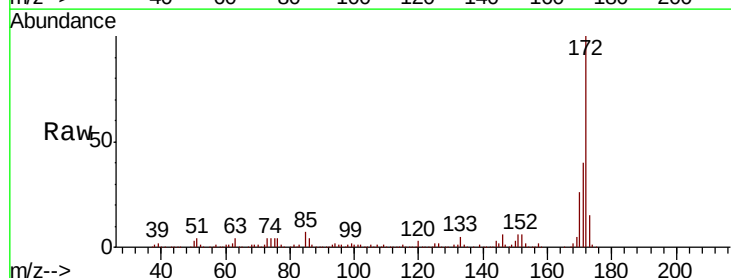


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

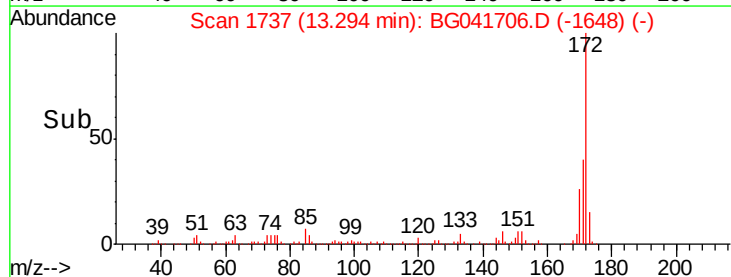
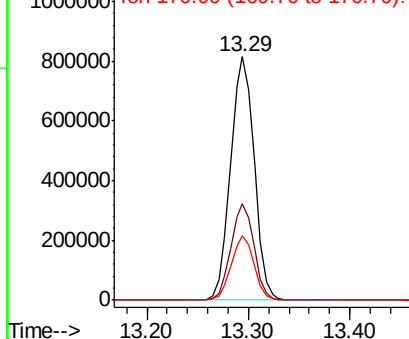


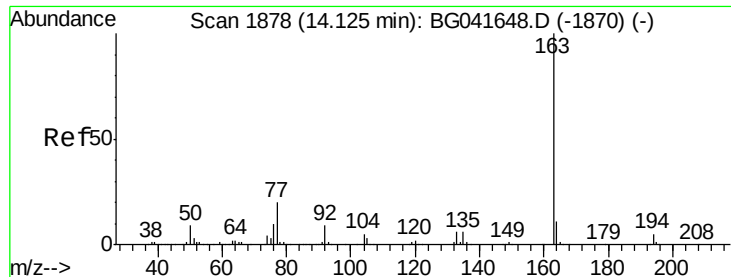
#45
 2-Fluorobiphenyl
 Concen: 86.603 ng
 RT: 13.29 min Scan# 1737
 Delta R.T. -0.01 min
 Lab File: BG041706.D
 Acq: 18 Jul 2019 2:45

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.6	35.0	52.4
170	26.4	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





#50

Dimethylphthalate

Concen: 20.720 ng

RT: 14.11 min Scan# 1876

Delta R.T. -0.02 min

Lab File: BG041706.D

Acq: 18 Jul 2019 2:45

Instrument :

BNA_G

ClientSampleId :

SB-7(13-15)

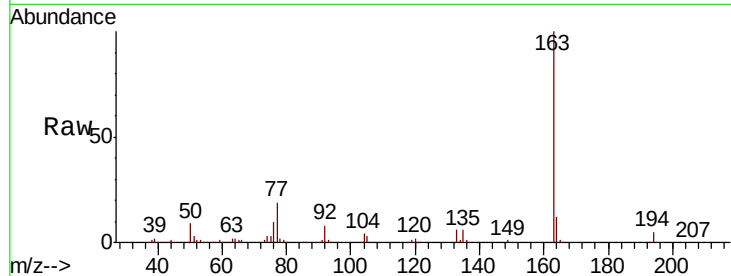
Tot Ion:163 Resp: 382982

Ion Ratio Lower Upper

163 100

194 5.1 4.2 6.2

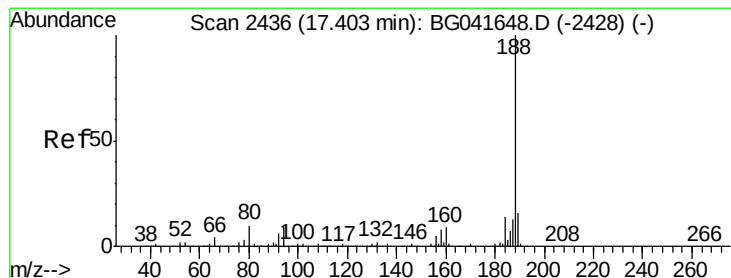
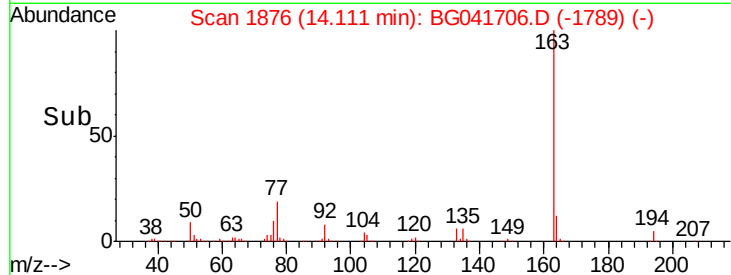
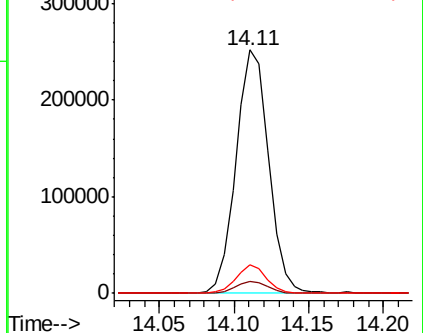
164 11.8 9.4 14.2



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: 17.40 min Scan# 2436

Delta R.T. -0.01 min

Lab File: BG041706.D

Acq: 18 Jul 2019 2:45

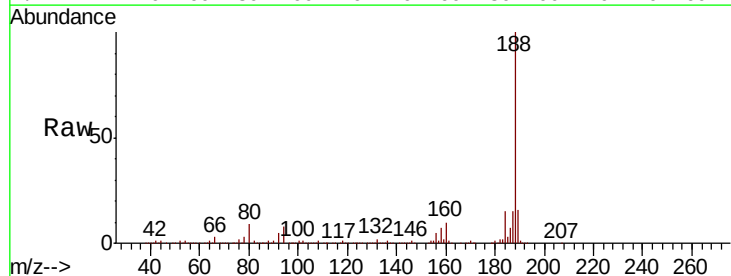
Tgt Ion:188 Resp: 612352

Ion Ratio Lower Upper

188 100

94 8.3 6.9 10.3

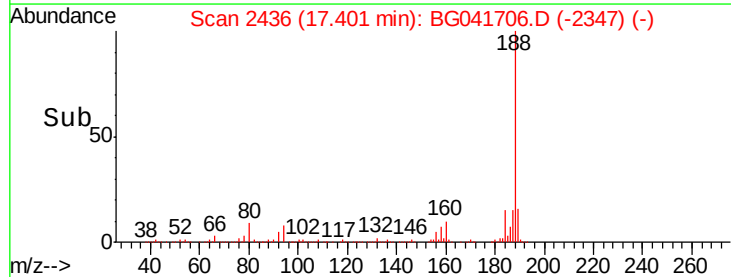
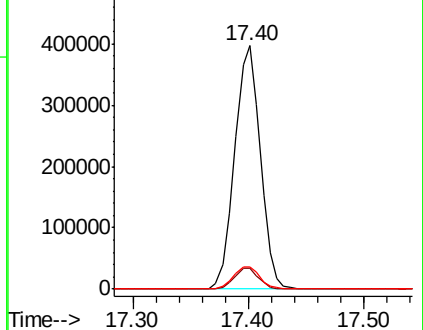
80 9.2 8.0 12.0

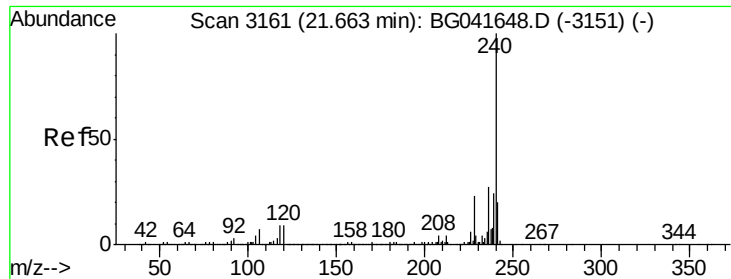


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.65 min Scan# 3159

Delta R.T. -0.01 min

Lab File: BG041706.D

Acq: 18 Jul 2019 2:45

Instrument :

BNA_G

ClientSampleId :

SB-7(13-15)

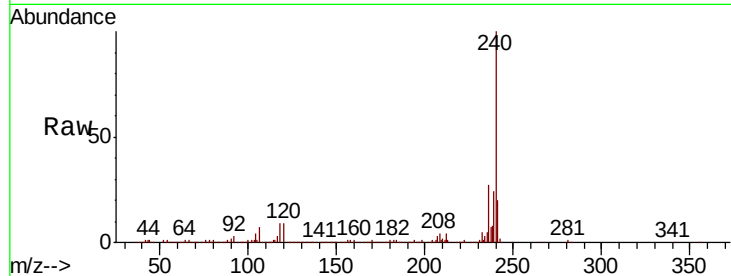
Tot Ion:240 Resp: 640284

Ion Ratio Lower Upper

240 100

120 9.1 8.0 12.0

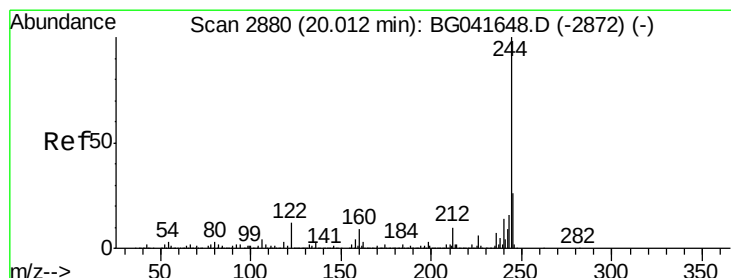
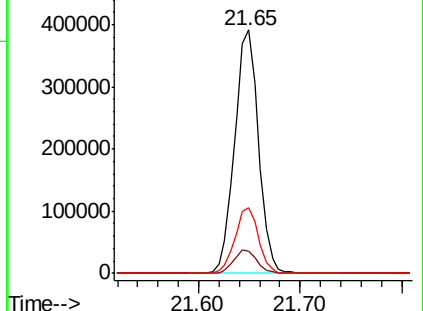
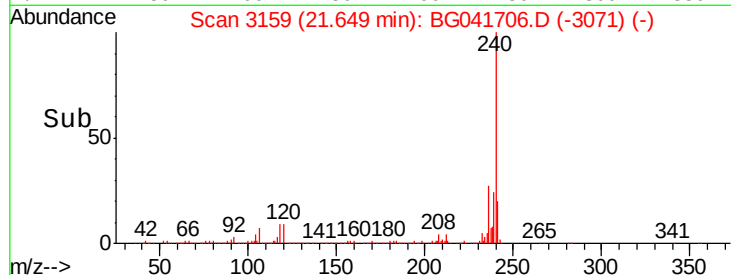
236 26.8 22.6 33.8



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: 77.087 ng

RT: 20.00 min Scan# 2879

Delta R.T. -0.01 min

Lab File: BG041706.D

Acq: 18 Jul 2019 2:45

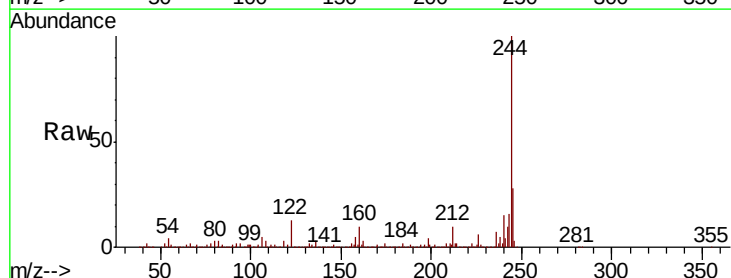
Tgt Ion:244 Resp: 2112120

Ion Ratio Lower Upper

244 100

212 10.2 9.7 14.5

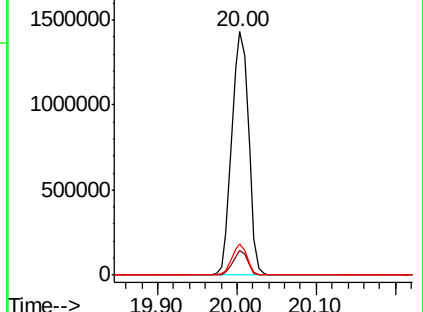
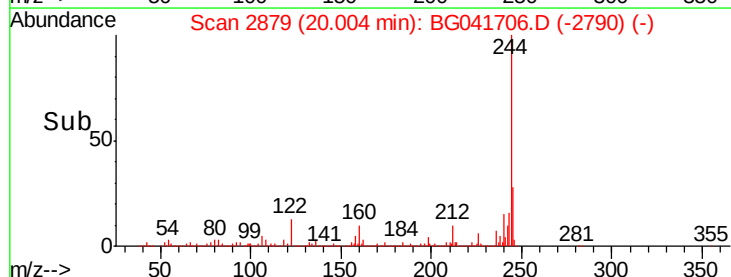
122 13.0 12.5 18.7

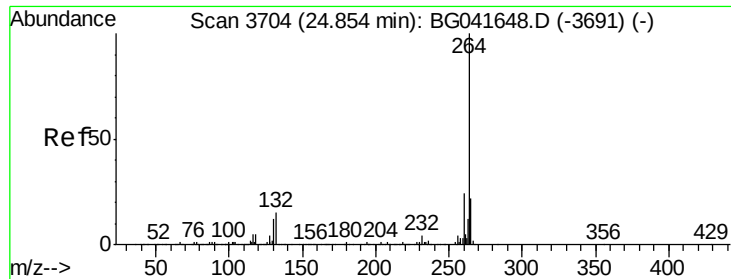


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.84 min Scan# 3702
Delta R.T. -0.02 min
Lab File: BG041706.D
Acq: 18 Jul 2019 2:45

Instrument :
BNA_G
ClientSampleId :
SB-7(13-15)

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.4	19.5	29.3
265	22.8	18.0	27.0

