

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071819\
 Data File : BG041713.D
 Acq On : 18 Jul 2019 17:09
 Operator : HP/JU
 Sample : K3835-46
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-8(4-6)

Quant Time: Jul 18 18:30:54 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

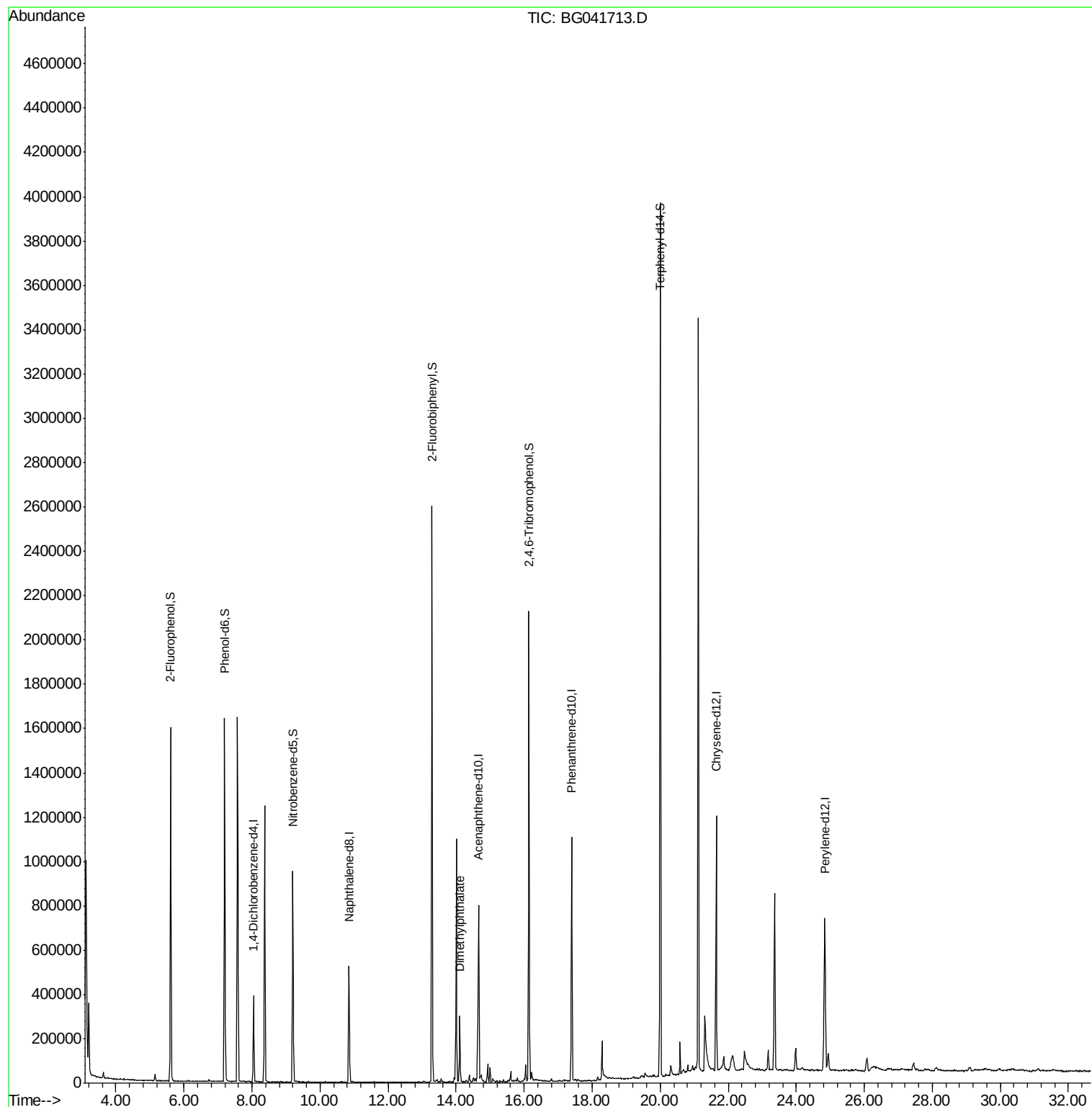
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	111840	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	462127	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	282513	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	685443	20.00	ng	-0.01
76) Chrysene-d12	21.65	240	667681	20.00	ng	-0.01
87) Perylene-d12	24.84	264	750117	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	686491	100.34	ng	0.00
7) Phenol-d6	7.20	99	952951	103.56	ng	0.00
23) Nitrobenzene-d5	9.20	82	576318	75.84	ng	-0.01
42) 2,4,6-Tribromophenol	16.14	330	383007	120.30	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	1348725	73.93	ng	0.00
79) Terphenyl-d14	20.00	244	1903521	66.62	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.11	163	209258	9.431	ng	Qvalue 96

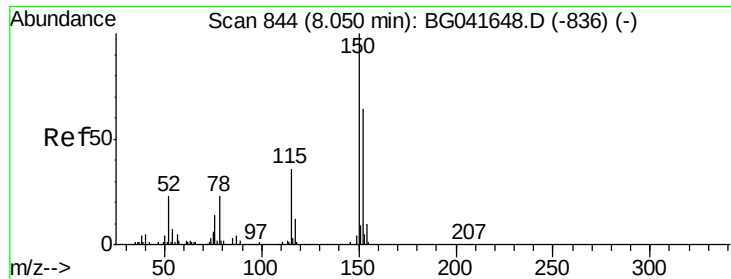
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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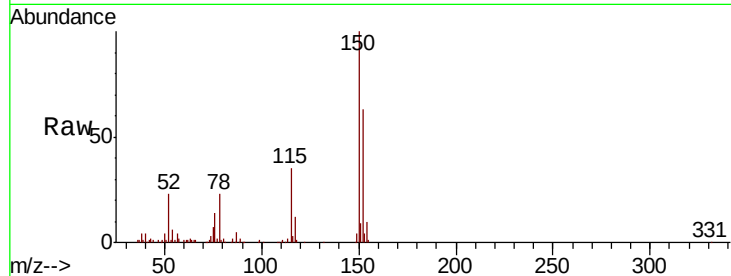


#1

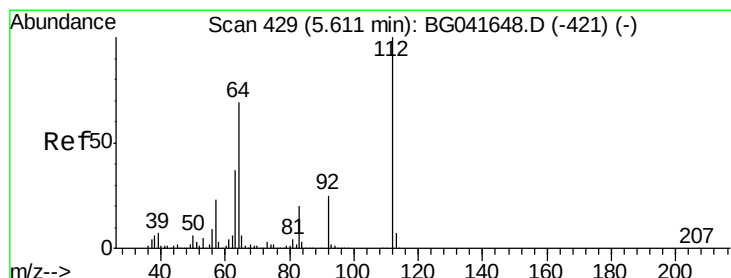
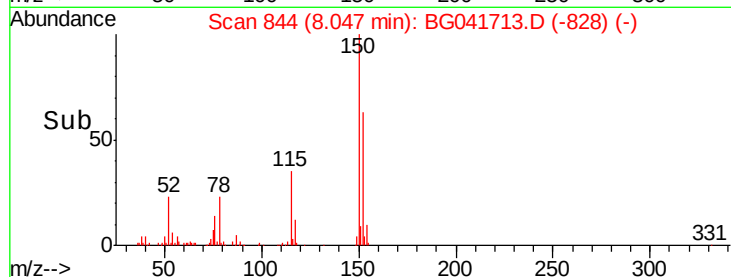
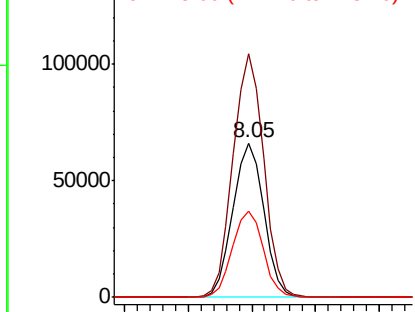
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.01 min
Lab File: BG041713.D
Acq: 18 Jul 2019 17:09

Instrument :
BNA_G
ClientSampleId :
SB-8(4-6)

Tot Ion	152	Resp	111840
Ion	Ratio	Lower	Upper
152	100		
150	157.9	126.9	190.3
115	55.7	45.0	67.6



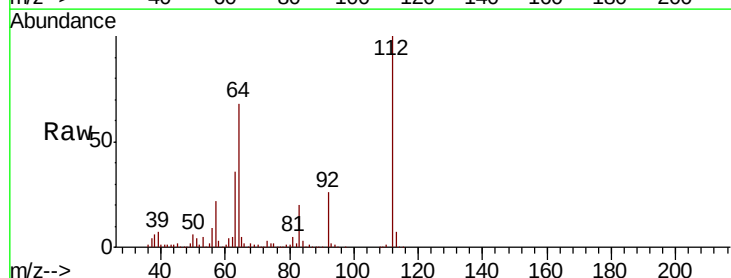
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



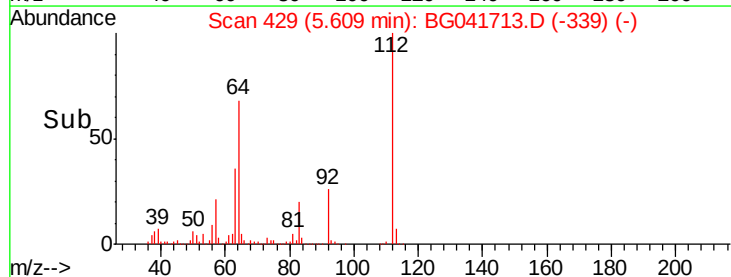
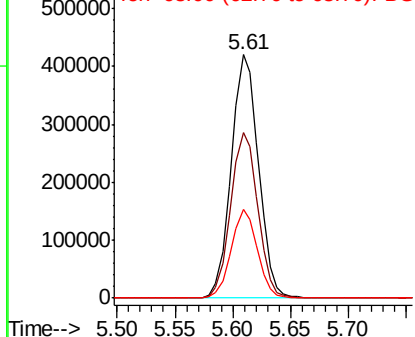
#5

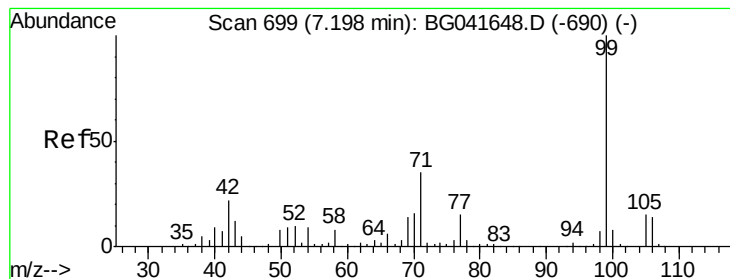
2-Fluorophenol
Concen: 100.343 ng
RT: 5.61 min Scan# 429
Delta R.T. -0.00 min
Lab File: BG041713.D
Acq: 18 Jul 2019 17:09

Tgt Ion	112	Resp	686491
Ion	Ratio	Lower	Upper
112	100		
64	68.0	55.4	83.2
63	36.5	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: 103.559 ng

RT: 7.20 min Scan# 699

Delta R.T. -0.01 min

Lab File: BG041713.D

Acq: 18 Jul 2019 17:09

Instrument :

BNA_G

ClientSampleId :

SB-8(4-6)

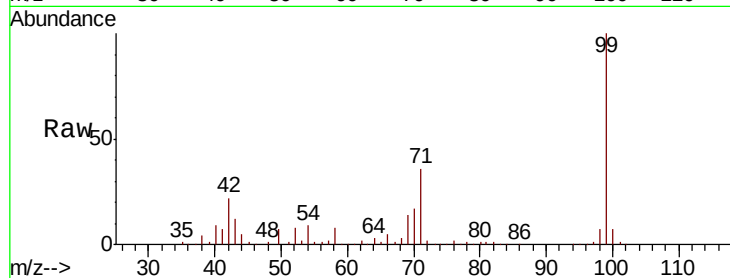
Tot Ion: 99 Resp: 952951

Ion Ratio Lower Upper

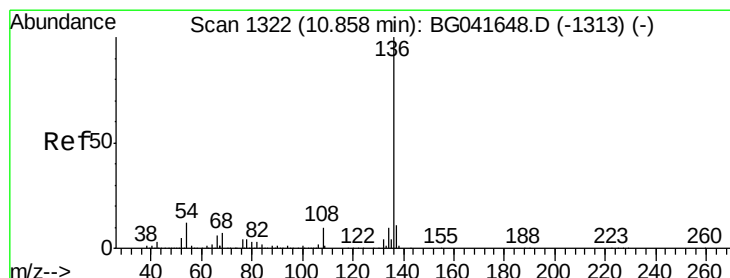
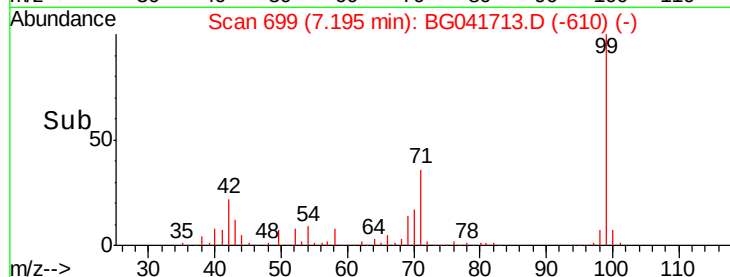
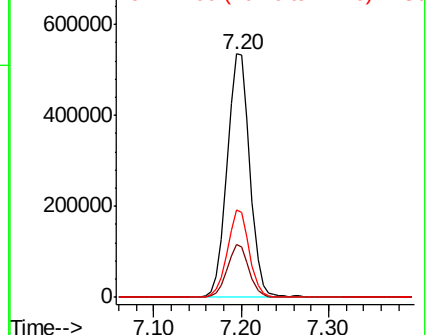
99 100

42 21.8 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: BG041713.D

Acq: 18 Jul 2019 17:09

Tgt Ion: 136 Resp: 462127

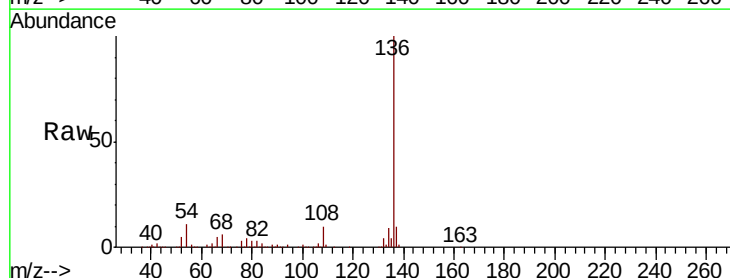
Ion Ratio Lower Upper

136 100

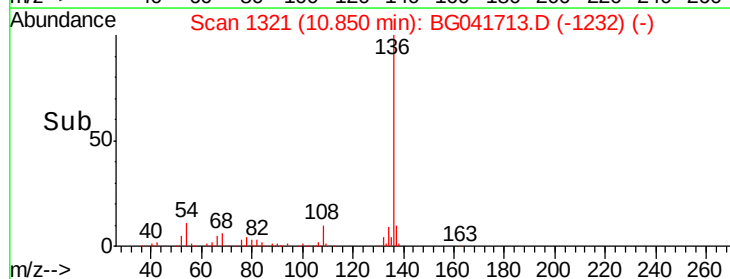
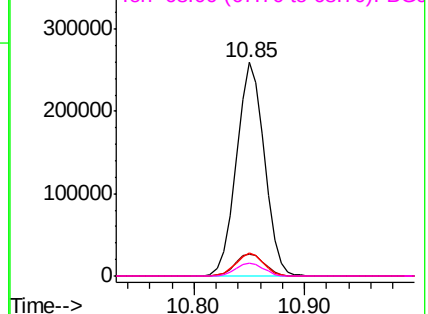
137 10.5 9.2 13.8

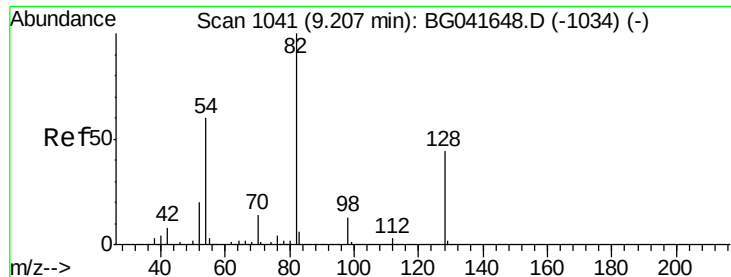
54 11.0 8.7 13.1

68 6.2 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

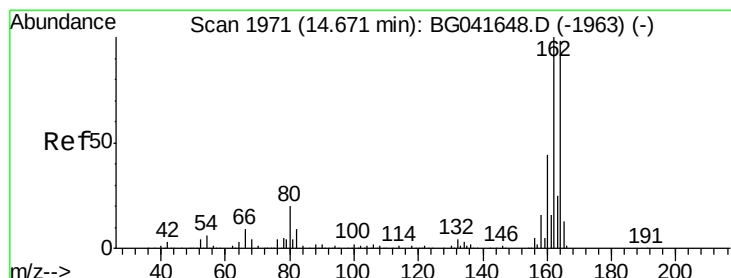
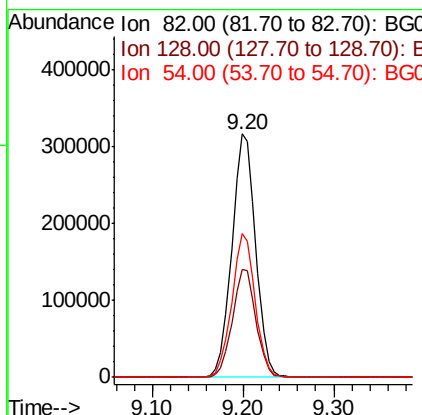
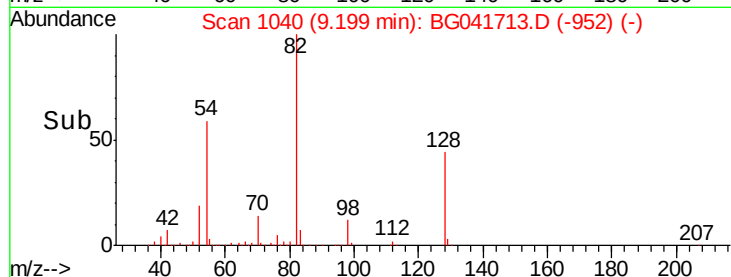
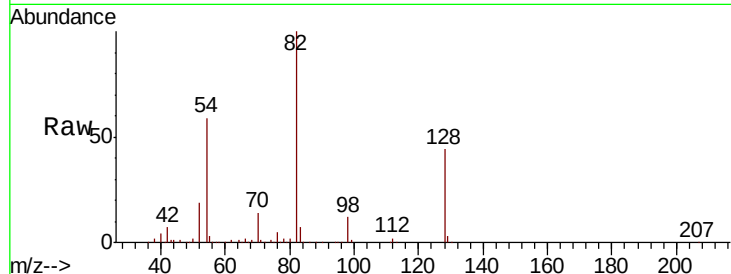




#23
Nitrobenzene-d5
Concen: 75.842 ng
RT: 9.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BG041713.D
Acq: 18 Jul 2019 17:09

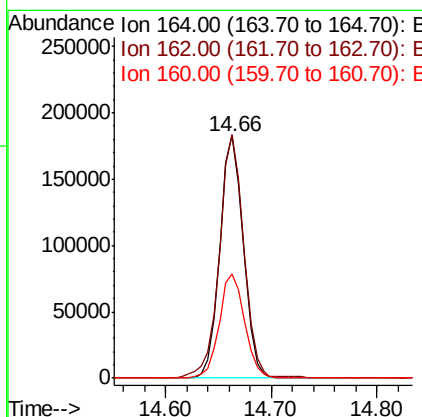
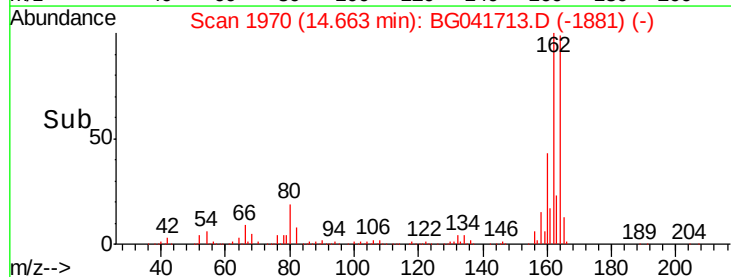
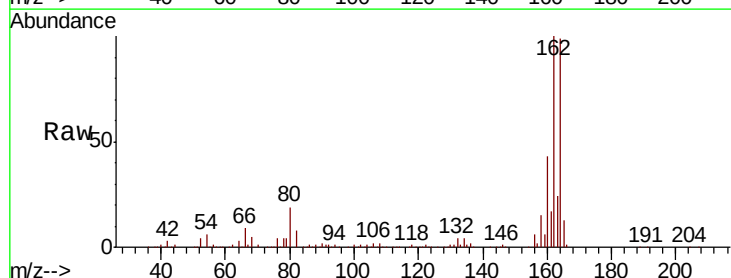
Instrument :
BNA_G
ClientSampled :
SB-8(4-6)

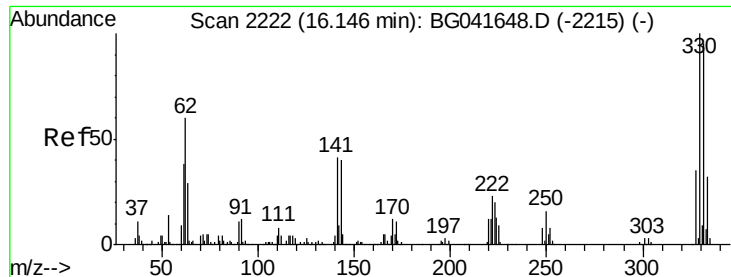
Tot Ion	82	Resp	576318
Ion Ratio	100	Lower	Upper
128	44.5	35.1	52.7
54	59.1	48.7	73.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1970
Delta R.T. -0.01 min
Lab File: BG041713.D
Acq: 18 Jul 2019 17:09

Tgt Ion	164	Resp	282513
Ion Ratio	100	Lower	Upper
162	100.7	79.6	119.4
160	43.0	35.4	53.0





#42

2,4,6-Tribromophenol

Concen: 120.296 ng

RT: 16.14 min Scan# 2222

Delta R.T. -0.01 min

Lab File: BG041713.D

Acq: 18 Jul 2019 17:09

Instrument :

BNA_G

ClientSampleId :

SB-8(4-6)

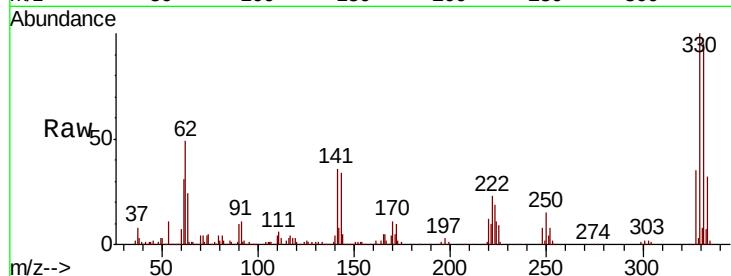
Tot Ion:330 Resp: 383007

Ion Ratio Lower Upper

330 100

332 96.0 77.4 116.0

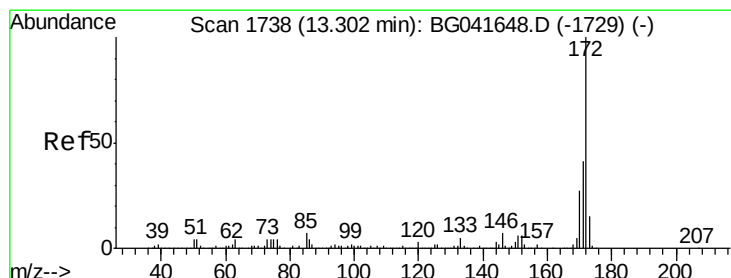
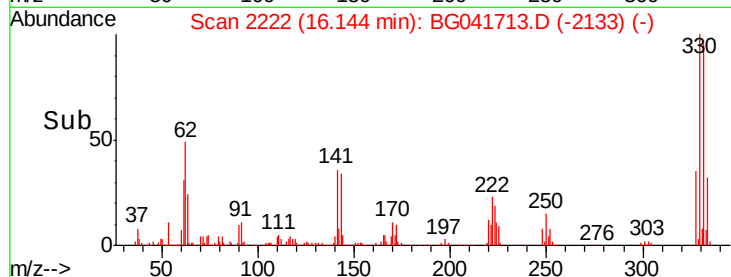
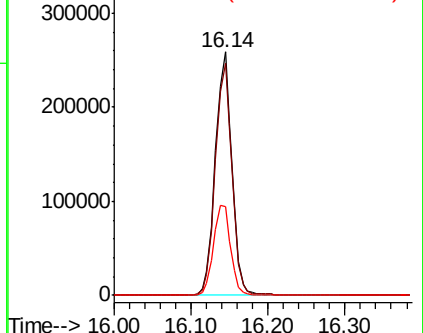
141 38.3 31.9 47.9



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: 73.926 ng

RT: 13.29 min Scan# 1737

Delta R.T. -0.01 min

Lab File: BG041713.D

Acq: 18 Jul 2019 17:09

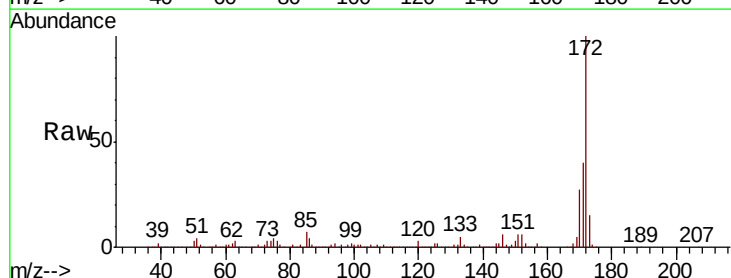
Tgt Ion:172 Resp: 1348725

Ion Ratio Lower Upper

172 100

171 40.3 35.0 52.4

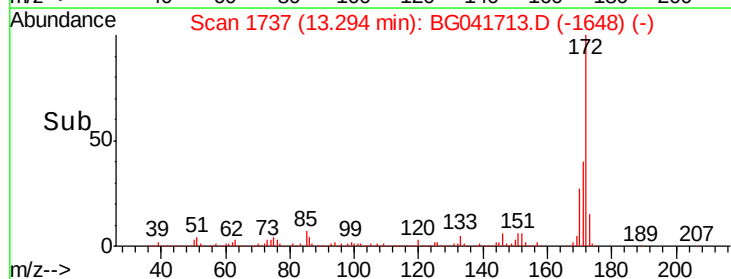
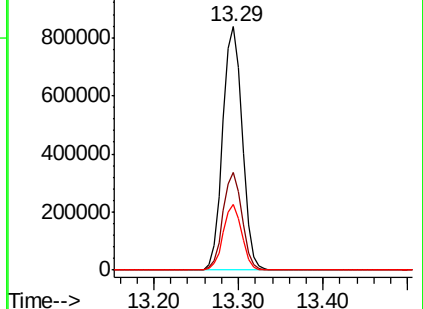
170 27.1 23.5 35.3

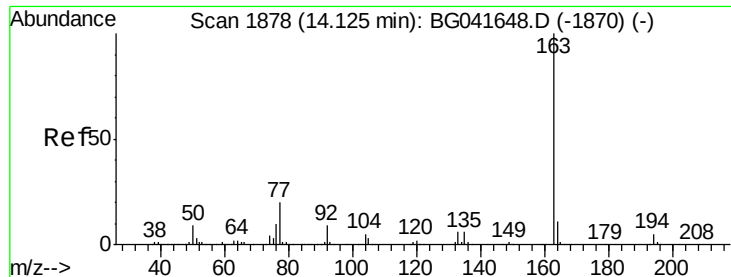


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 9.431 ng

RT: 14.11 min Scan# 1876

Delta R.T. -0.02 min

Lab File: BG041713.D

Acq: 18 Jul 2019 17:09

Instrument :

BNA_G

ClientSampleId :

SB-8(4-6)

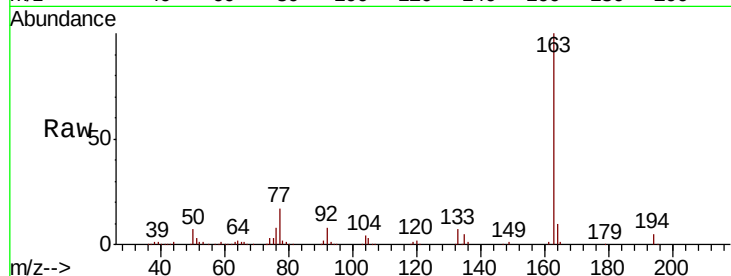
Tot Ion:163 Resp: 209258

Ion Ratio Lower Upper

163 100

194 5.1 4.2 6.2

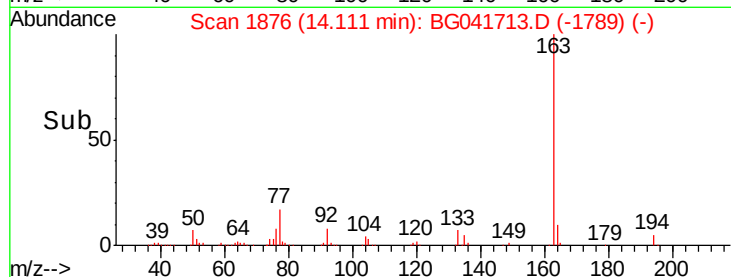
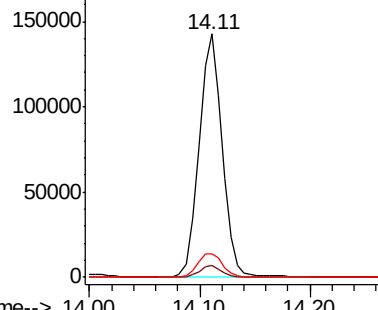
164 9.7 9.4 14.2



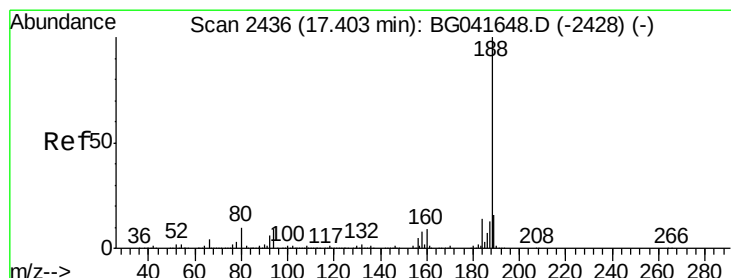
Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



Time--> 14.00 14.10 14.20



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.40 min Scan# 2435

Delta R.T. -0.01 min

Lab File: BG041713.D

Acq: 18 Jul 2019 17:09

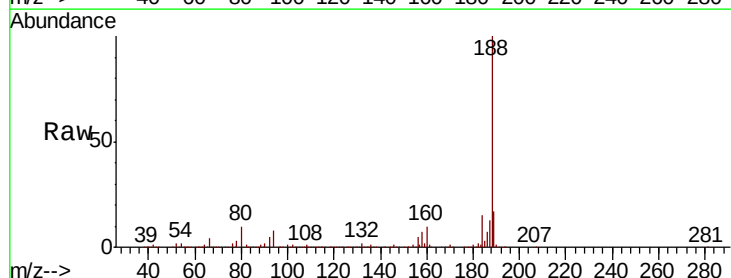
Tgt Ion:188 Resp: 685443

Ion Ratio Lower Upper

188 100

94 8.4 6.9 10.3

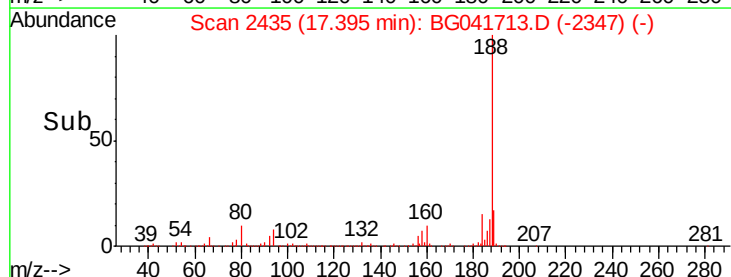
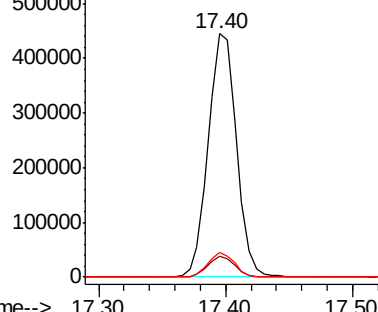
80 10.1 8.0 12.0



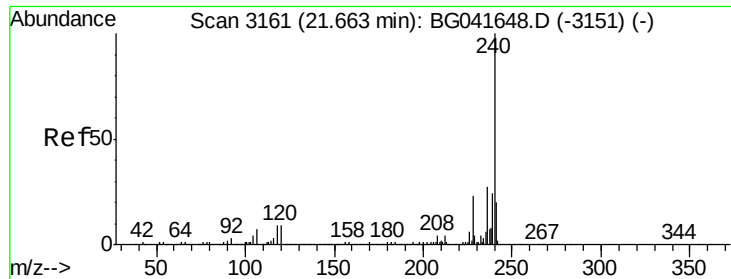
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



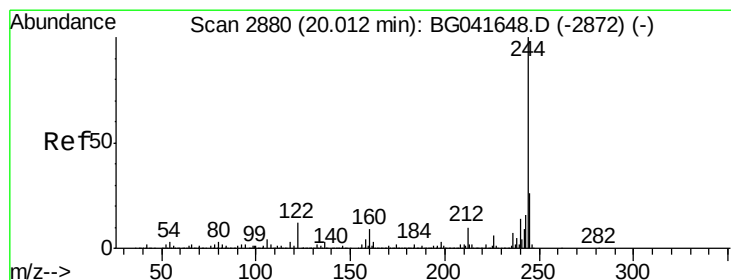
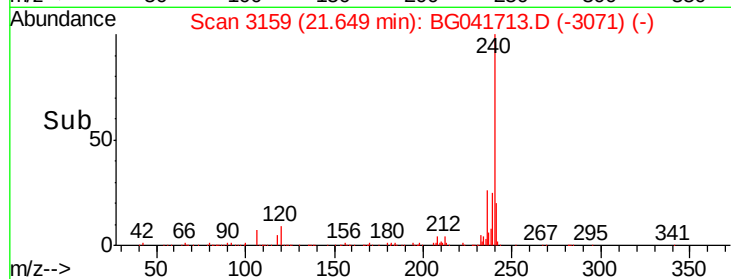
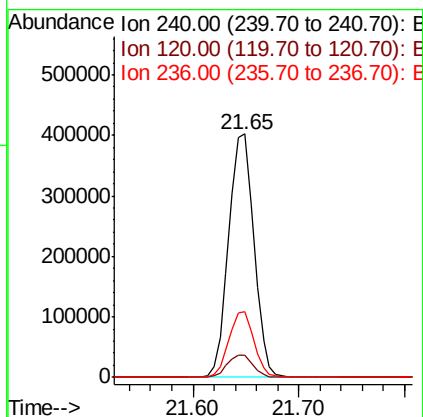
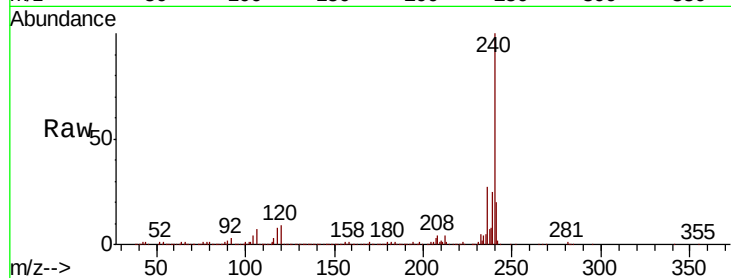
Time--> 17.30 17.40 17.50



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.65 min Scan# 3159
Delta R.T. -0.01 min
Lab File: BG041713.D
Acq: 18 Jul 2019 17:09

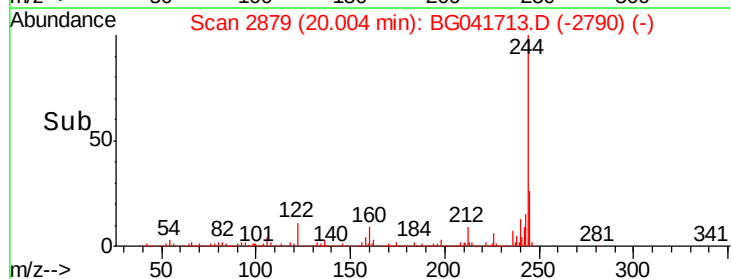
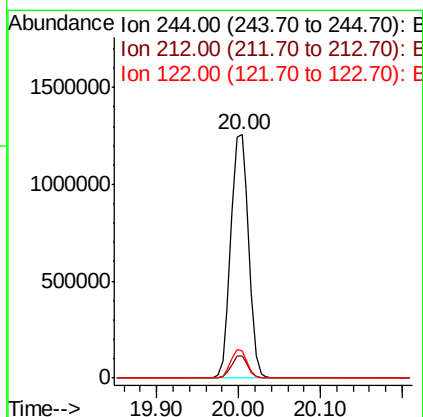
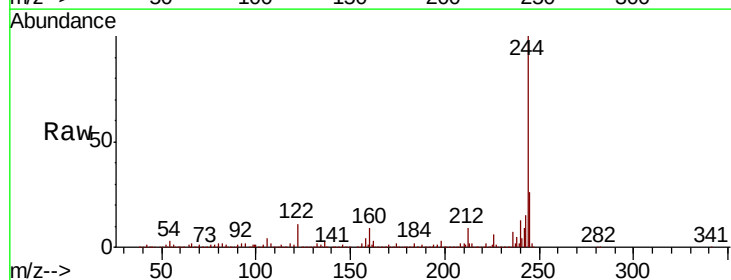
Instrument :
BNA_G
ClientSampled :
SB-8(4-6)

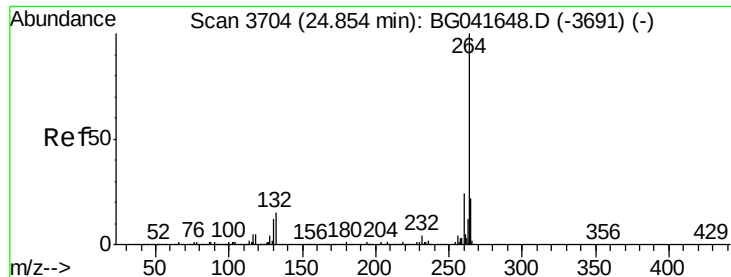
Tot Ion:240 Resp: 667681
Ion Ratio Lower Upper
240 100
120 8.9 8.0 12.0
236 26.9 22.6 33.8



#79
Terphenyl-d14
Concen: 66.623 ng
RT: 20.00 min Scan# 2879
Delta R.T. -0.01 min
Lab File: BG041713.D
Acq: 18 Jul 2019 17:09

Tgt Ion:244 Resp: 1903521
Ion Ratio Lower Upper
244 100
212 9.3 9.7 14.5#
122 11.3 12.5 18.7#





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.84 min Scan# 3702
 Delta R.T. -0.02 min
 Lab File: BG041713.D
 Acq: 18 Jul 2019 17:09

Instrument :
 BNA_G
 ClientSampleId :
 SB-8(4-6)

Tot Ion:	264	Resp:	750117
Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.5	29.3
265	22.6	18.0	27.0

