

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071819\
 Data File : BG041722.D
 Acq On : 18 Jul 2019 22:56
 Operator : HP/JU
 Sample : K3834-13
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TW-8

Quant Time: Jul 19 09:16:20 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

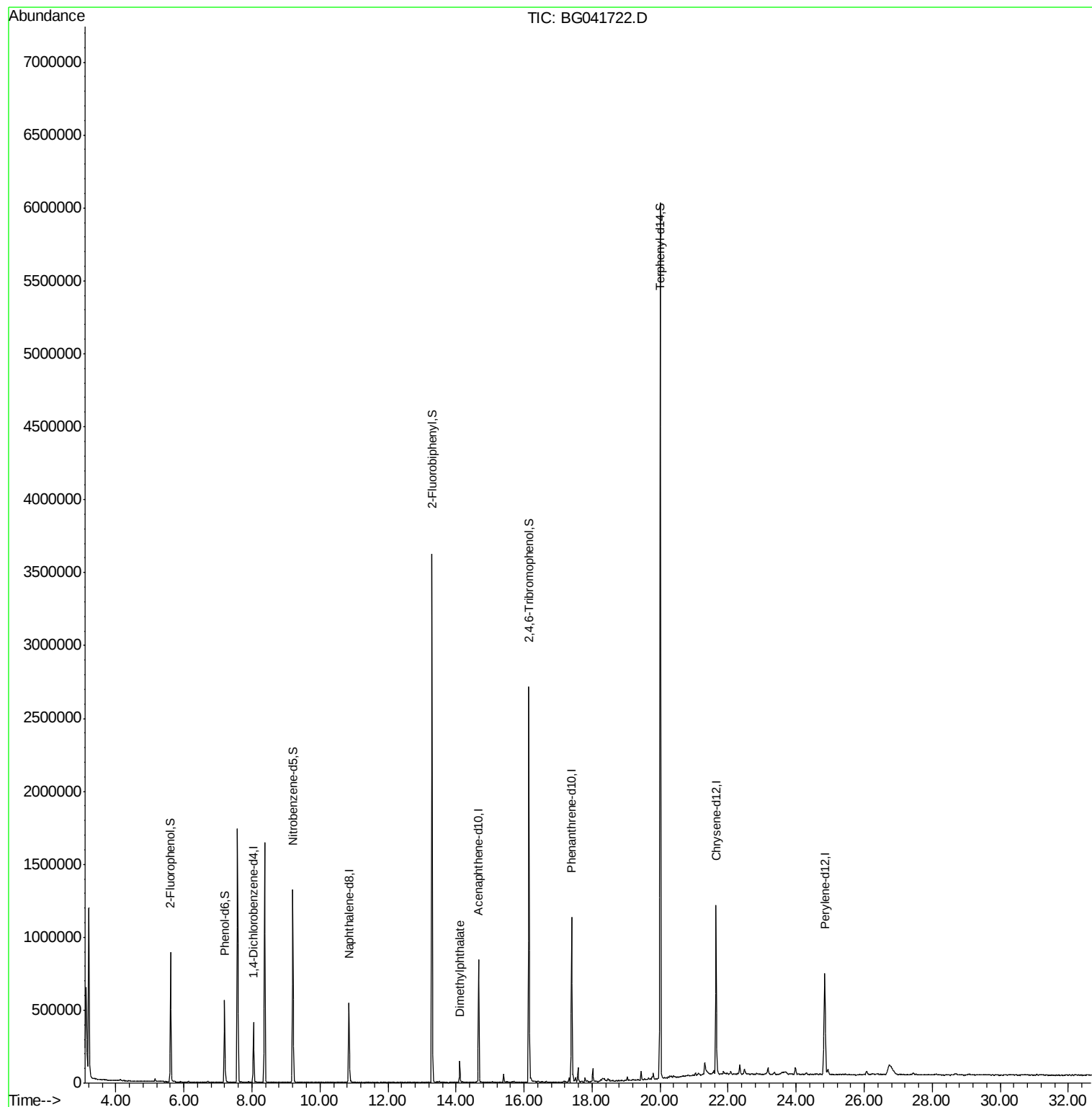
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	120051	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	480181	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	304432	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	705864	20.00	ng	-0.01
76) Chrysene-d12	21.64	240	680438	20.00	ng	-0.02
87) Perylene-d12	24.84	264	767795	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	384377	52.34	ng	0.00
7) Phenol-d6	7.20	99	325987	33.00	ng	0.00
23) Nitrobenzene-d5	9.20	82	791245	100.21	ng	-0.01
42) 2,4,6-Tribromophenol	16.14	330	501092	146.05	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	1823636	92.76	ng	0.00
79) Terphenyl-d14	20.00	244	2487800	85.44	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.11	163	105365	4.407	ng	Qvalue 98

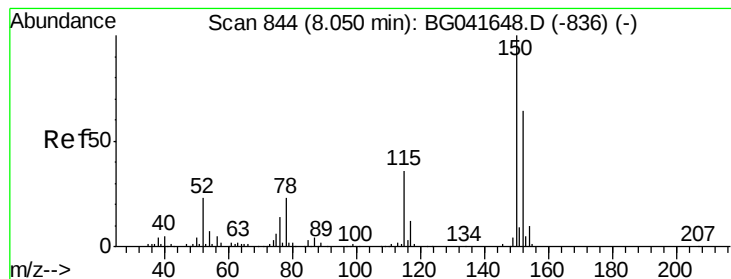
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG041722.D

Acq: 18 Jul 2019 22:56

Instrument :

BNA_G

ClientSampled :

TW-8

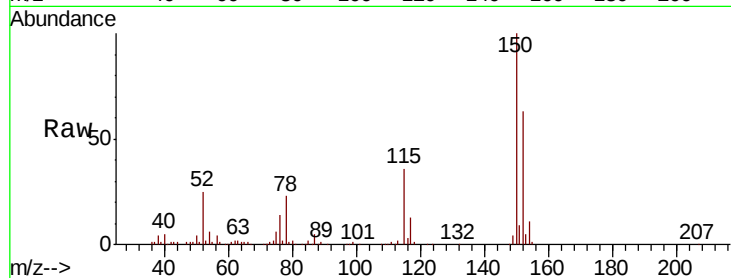
Tot Ion:152 Resp: 120051

Ion Ratio Lower Upper

152 100

150 158.3 126.9 190.3

115 57.0 45.0 67.6

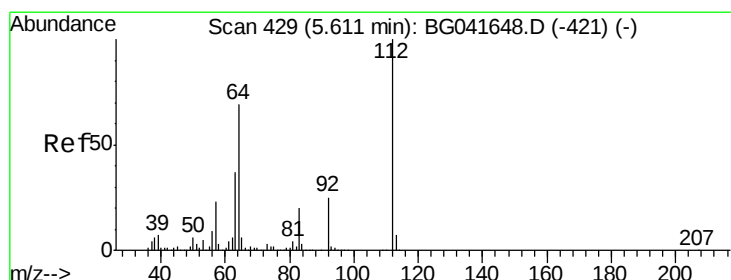
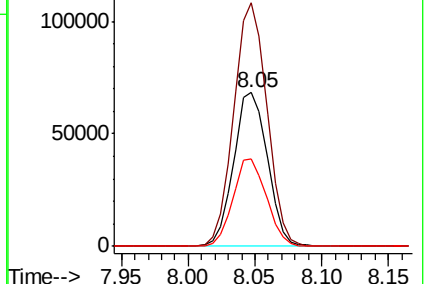
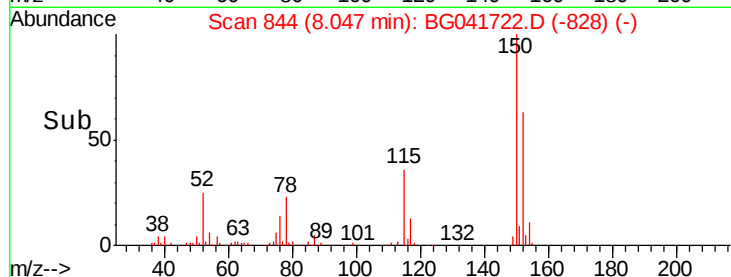


Abundance

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: 52.341 ng

RT: 5.61 min Scan# 429

Delta R.T. -0.00 min

Lab File: BG041722.D

Acq: 18 Jul 2019 22:56

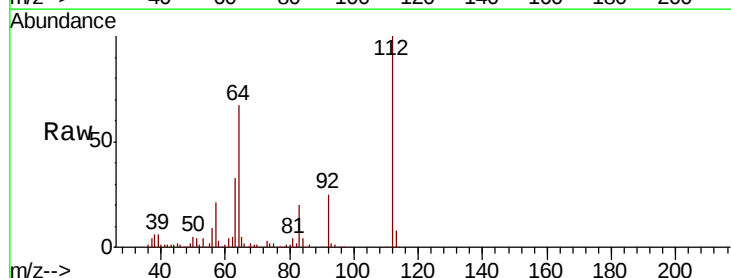
Tgt Ion:112 Resp: 384377

Ion Ratio Lower Upper

112 100

64 67.2 55.4 83.2

63 33.4 29.1 43.7

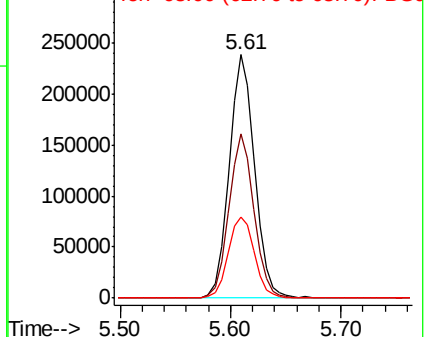
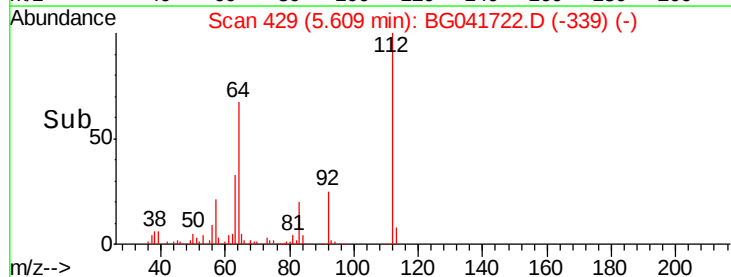


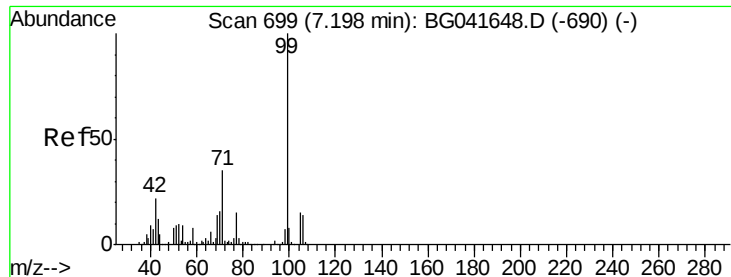
Abundance

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: 33.003 ng

RT: 7.20 min Scan# 699

Delta R.T. -0.01 min

Lab File: BG041722.D

Acq: 18 Jul 2019 22:56

Instrument :

BNA_G

ClientSampleId :

TW-8

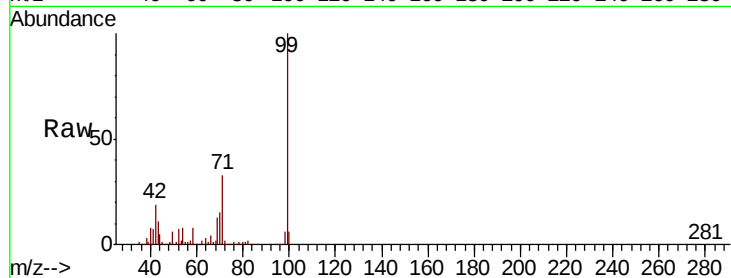
Tot Ion: 99 Resp: 325987

Ion Ratio Lower Upper

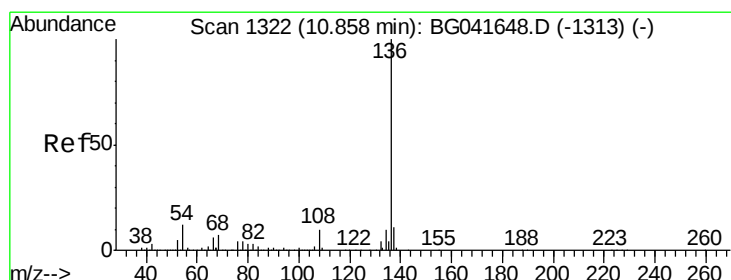
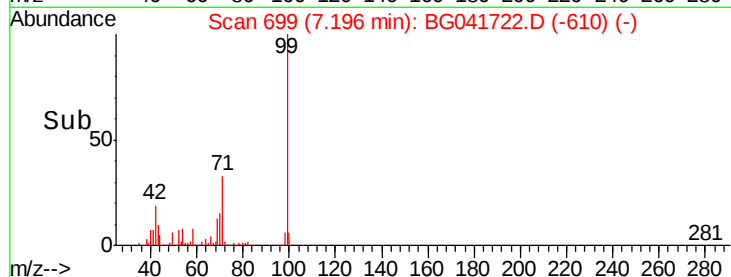
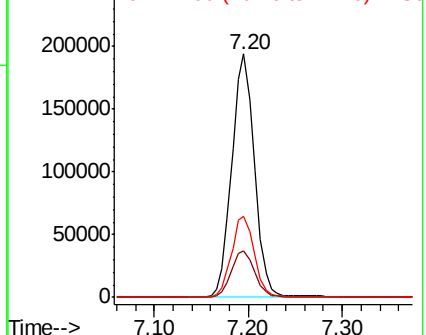
99 100

42 18.8 17.6 26.4

71 33.2 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: BG041722.D

Acq: 18 Jul 2019 22:56

Tgt Ion: 136 Resp: 480181

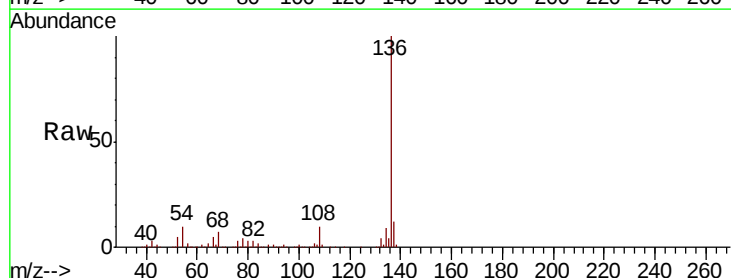
Ion Ratio Lower Upper

136 100

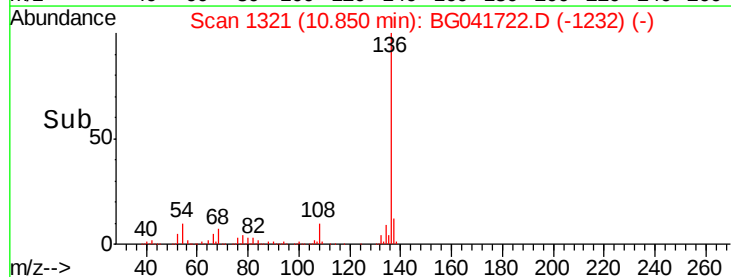
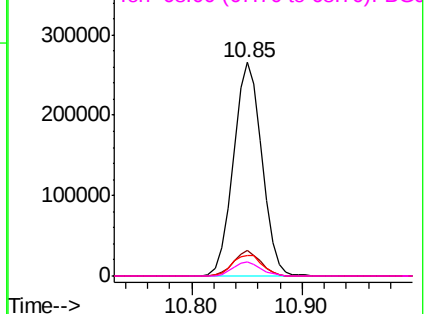
137 11.8 9.2 13.8

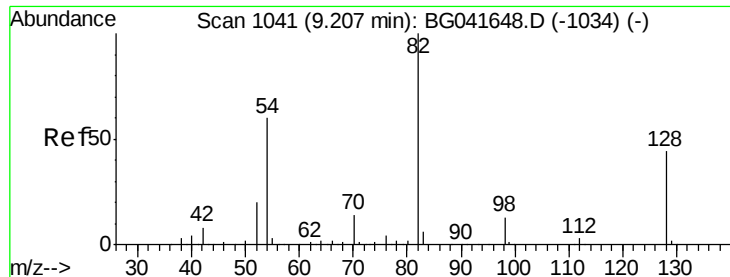
54 9.9 8.7 13.1

68 6.6 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

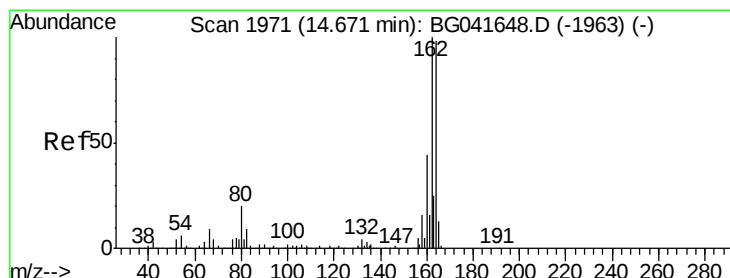
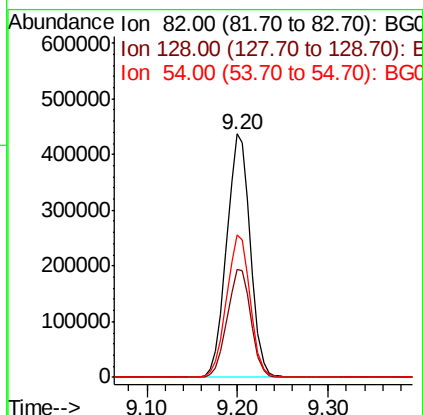
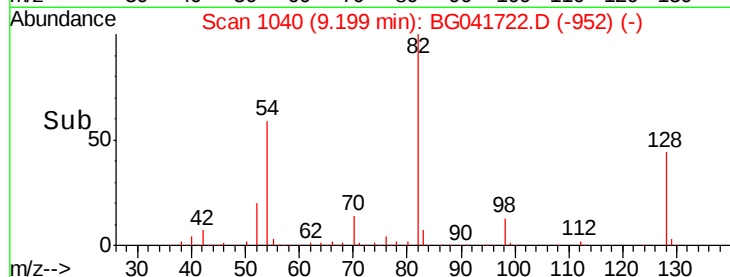
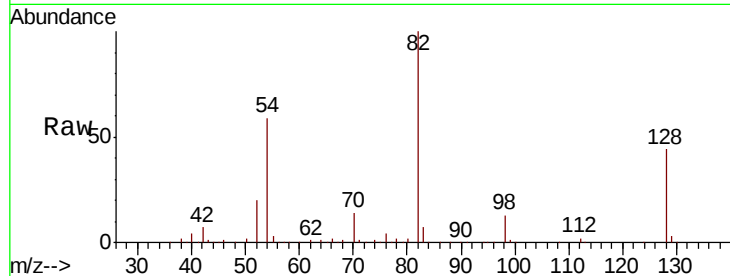




#23
Nitrobenzene-d5
Concen: 100.211 ng
RT: 9.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BG041722.D
Acq: 18 Jul 2019 22:56

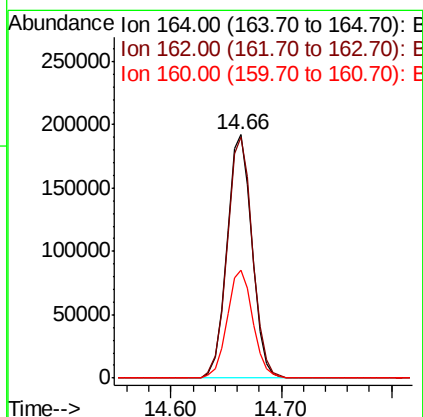
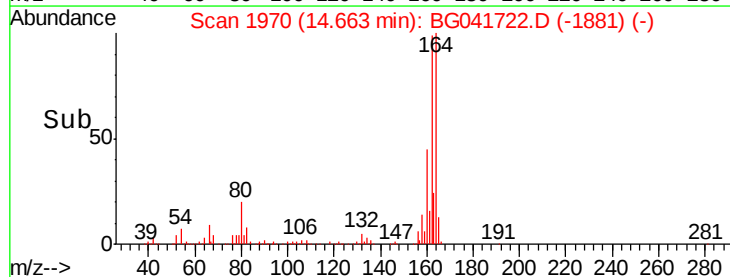
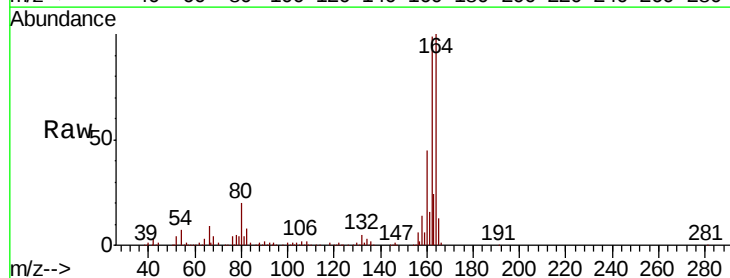
Instrument :
BNA_G
ClientSampled :
TW-8

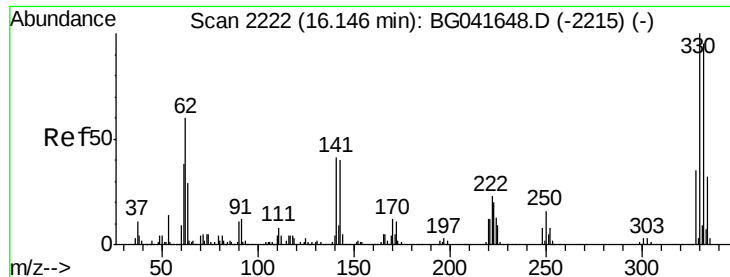
Tot Ion	Ratio	Lower	Upper
82	100		
128	44.4	35.1	52.7
54	58.8	48.7	73.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1970
Delta R.T. -0.01 min
Lab File: BG041722.D
Acq: 18 Jul 2019 22:56

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.0	79.6	119.4
160	44.5	35.4	53.0

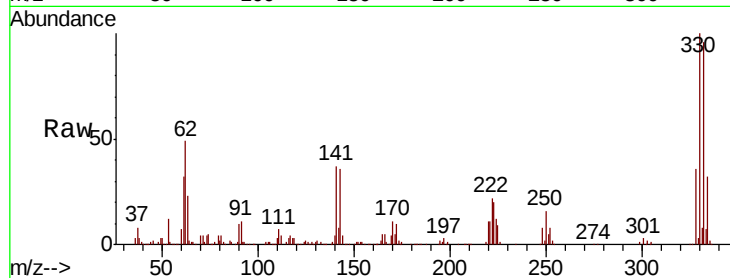




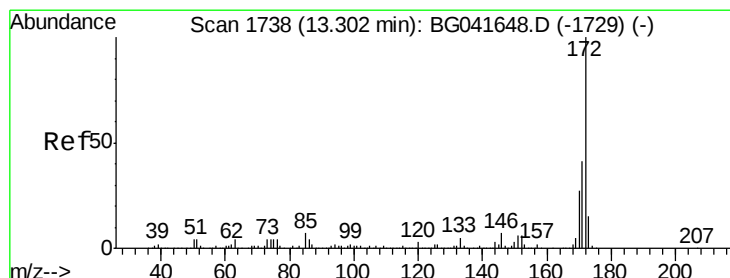
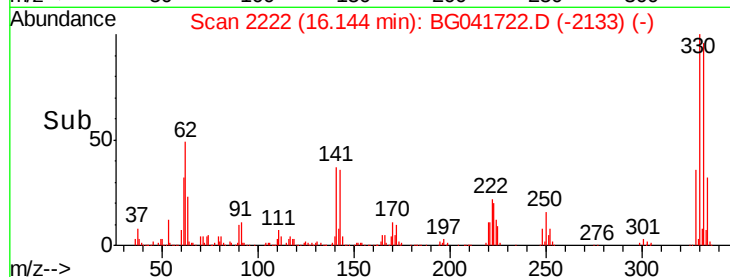
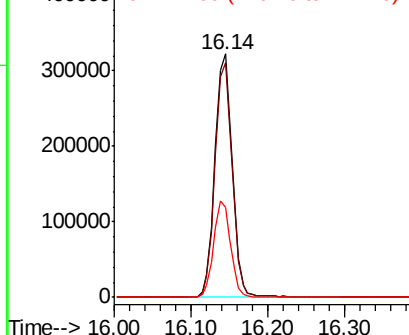
#42
 2,4,6-Tribromophenol
 Concen: 146.053 ng
 RT: 16.14 min Scan# 2222
 Delta R.T. -0.01 min
 Lab File: BG041722.D
 Acq: 18 Jul 2019 22:56

Instrument :
 BNA_G
 ClientSampled :
 TW-8

Tot Ion:330 Resp: 501092
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.4 116.0
 141 38.9 31.9 47.9

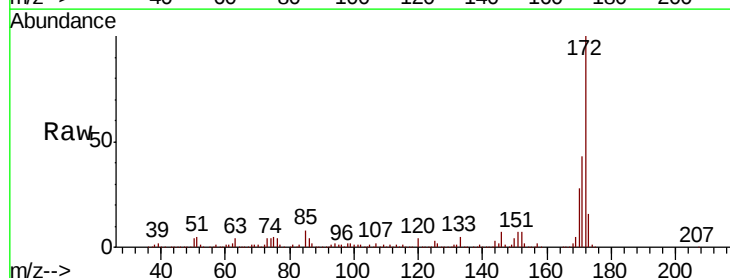


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

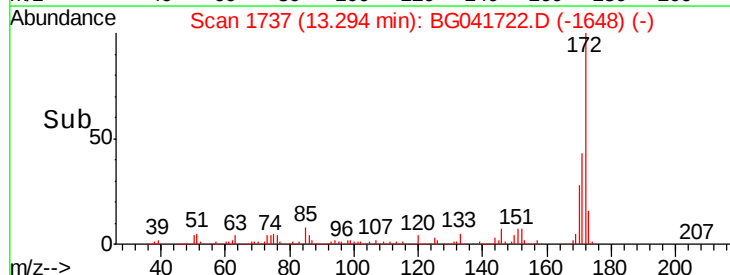
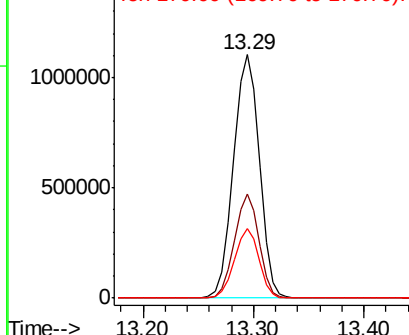


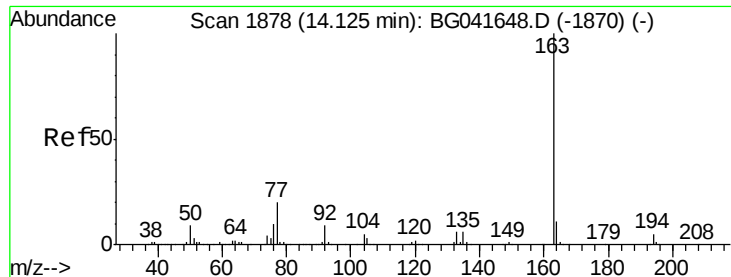
#45
 2-Fluorobiphenyl
 Concen: 92.760 ng
 RT: 13.29 min Scan# 1737
 Delta R.T. -0.01 min
 Lab File: BG041722.D
 Acq: 18 Jul 2019 22:56

Tgt Ion:172 Resp: 1823636
 Ion Ratio Lower Upper
 172 100
 171 42.5 35.0 52.4
 170 28.4 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: 4.407 ng

RT: 14.11 min Scan# 1876

Delta R.T. -0.02 min

Lab File: BG041722.D

Acq: 18 Jul 2019 22:56

Instrument :

BNA_G

ClientSampleId :

TW-8

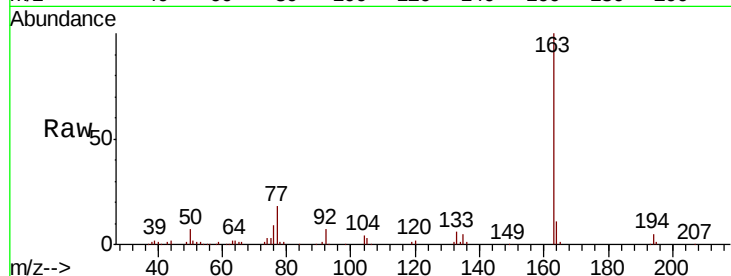
Tot Ion:163 Resp: 105365

Ion Ratio Lower Upper

163 100

194 4.6 4.2 6.2

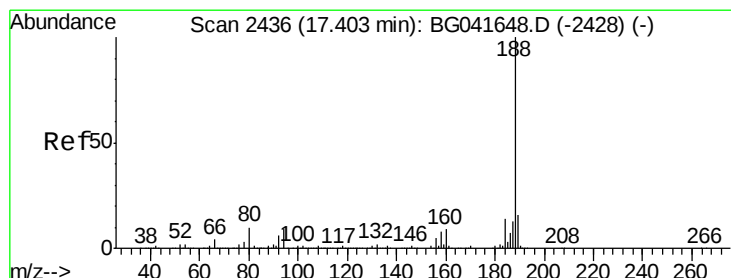
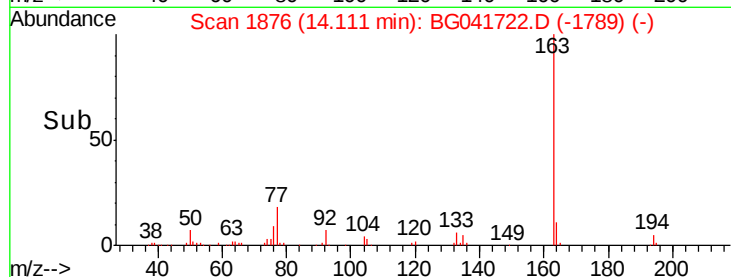
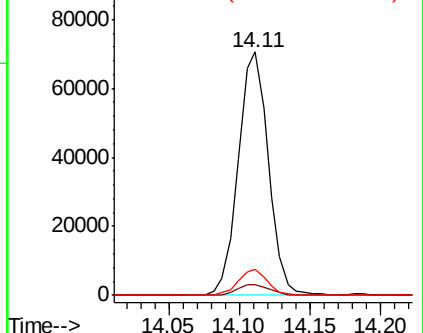
164 10.8 9.4 14.2



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# 2435

Delta R.T. -0.01 min

Lab File: BG041722.D

Acq: 18 Jul 2019 22:56

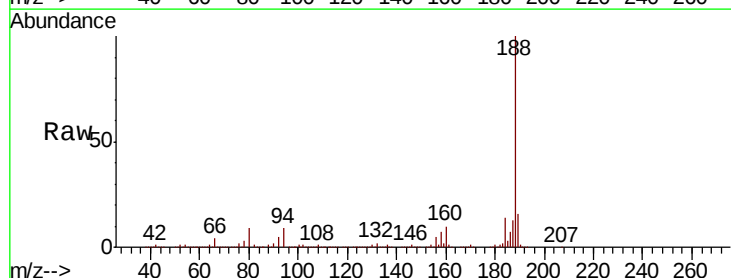
Tgt Ion:188 Resp: 705864

Ion Ratio Lower Upper

188 100

94 8.6 6.9 10.3

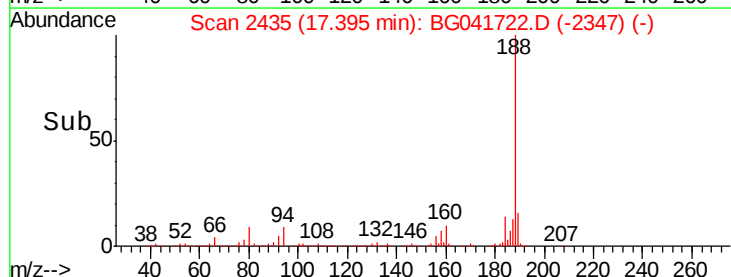
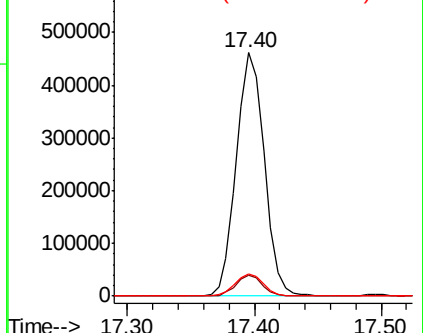
80 9.2 8.0 12.0

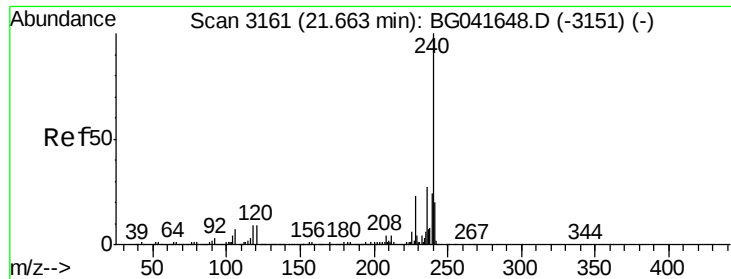


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.64 min Scan# 3158

Delta R.T. -0.02 min

Lab File: BG041722.D

Acq: 18 Jul 2019 22:56

Instrument :

BNA_G

ClientSampled :

TW-8

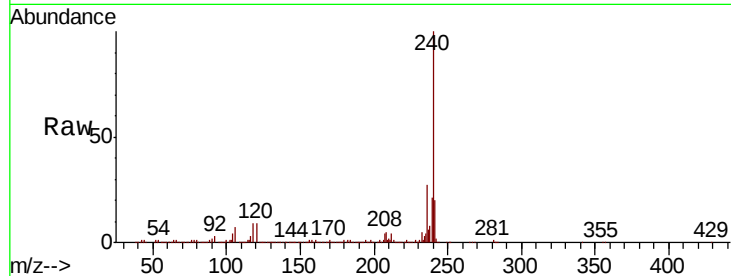
Tot Ion:240 Resp: 680438

Ion Ratio Lower Upper

240 100

120 9.3 8.0 12.0

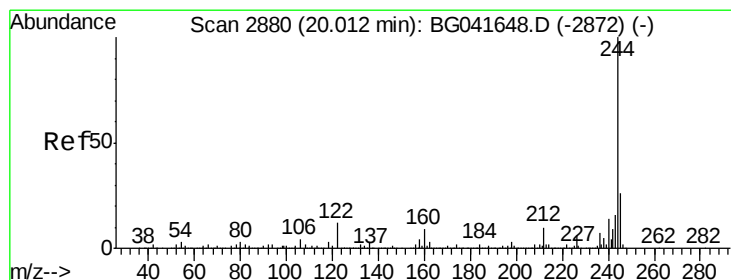
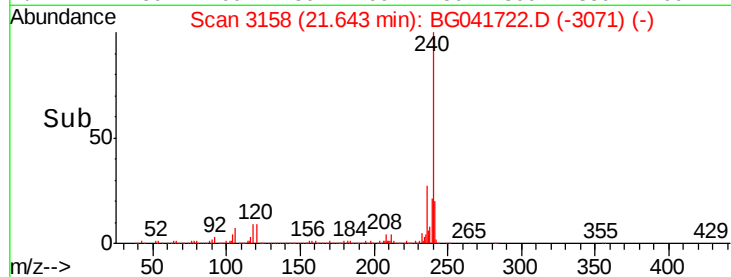
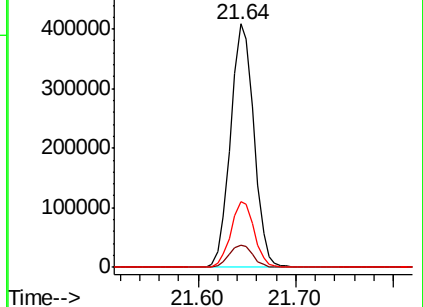
236 26.8 22.6 33.8



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: 85.440 ng

RT: 20.00 min Scan# 2879

Delta R.T. -0.01 min

Lab File: BG041722.D

Acq: 18 Jul 2019 22:56

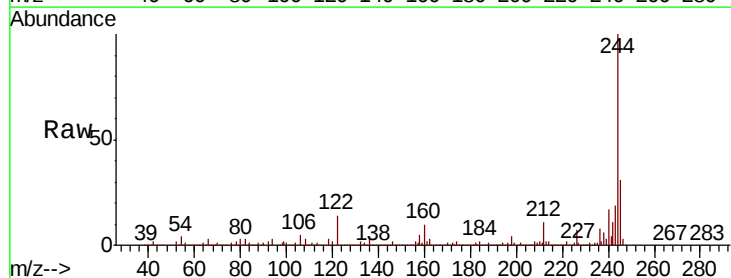
Tgt Ion:244 Resp: 2487800

Ion Ratio Lower Upper

244 100

212 11.5 9.7 14.5

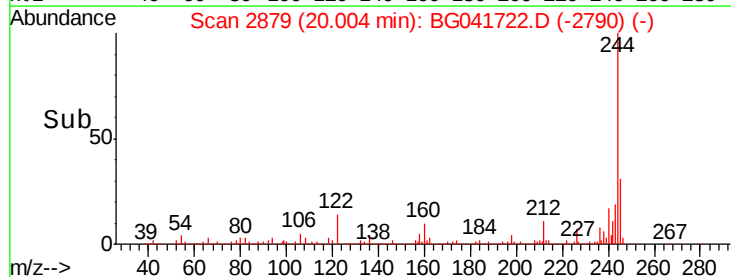
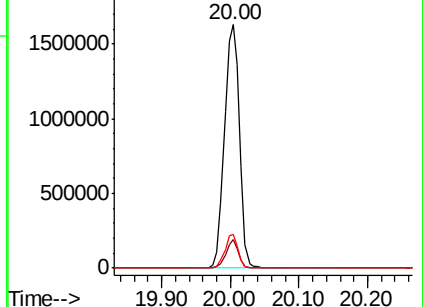
122 14.1 12.5 18.7

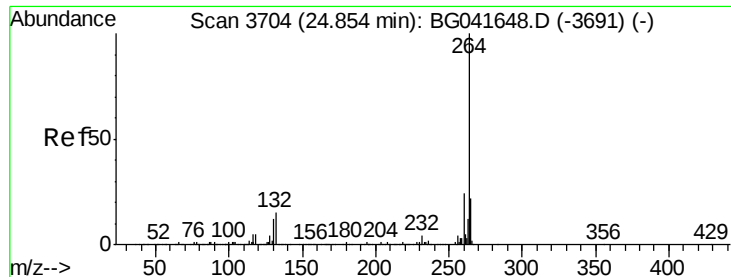


Abundance Ion 244.00 (243.70 to 244.70): E

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: BG041722.D
Acq: 18 Jul 2019 22:56

Instrument :
BNA_G
ClientSampleId :
TW-8

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.5	29.3
265	22.4	18.0	27.0

