

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071819\
 Data File : BG041719.D
 Acq On : 18 Jul 2019 21:00
 Operator : HP/JU
 Sample : K3834-09
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TW-9

Quant Time: Jul 19 09:06:07 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

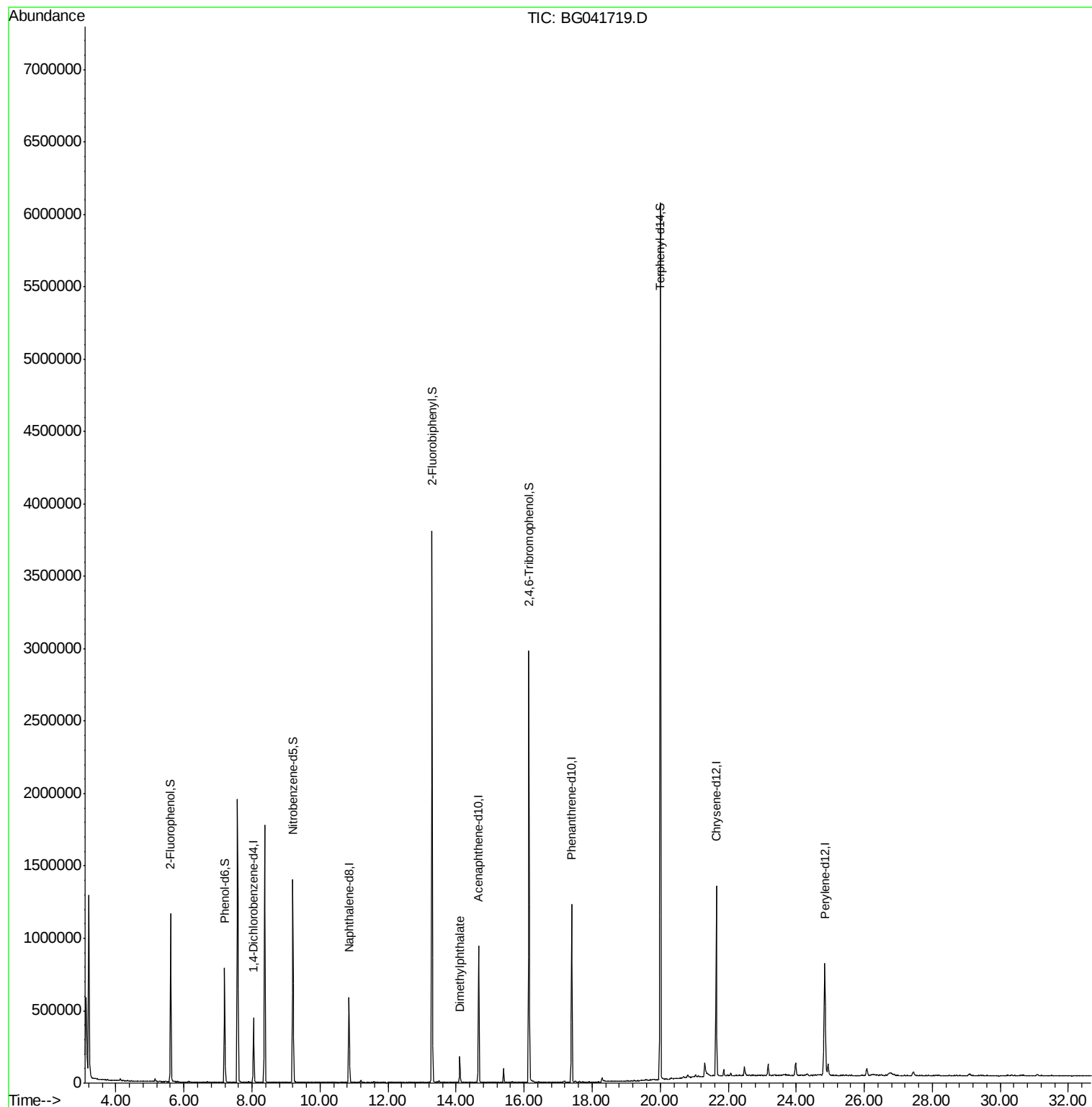
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	129150	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	517310	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	325499	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	762086	20.00	ng	-0.01
76) Chrysene-d12	21.65	240	744371	20.00	ng	-0.01
87) Perylene-d12	24.84	264	833308	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	508400	64.35	ng	0.00
7) Phenol-d6	7.19	99	457313	43.04	ng	0.00
23) Nitrobenzene-d5	9.20	82	833107	97.94	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	534950	145.83	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	1920844	91.38	ng	0.00
79) Terphenyl-d14	20.00	244	2647007	83.10	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.11	163	128991	5.046	ng	Qvalue 95

(#) = 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

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TW-9

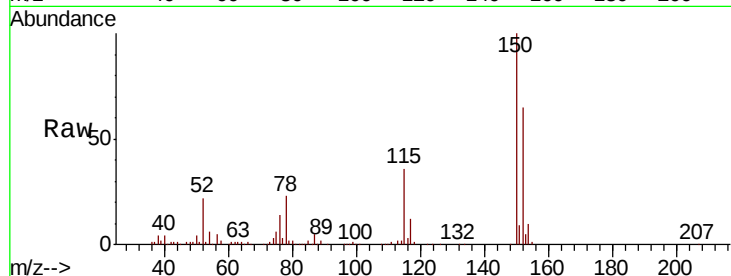
Tot Ion:152 Resp: 129150

Ion Ratio Lower Upper

152 100

150 153.0 126.9 190.3

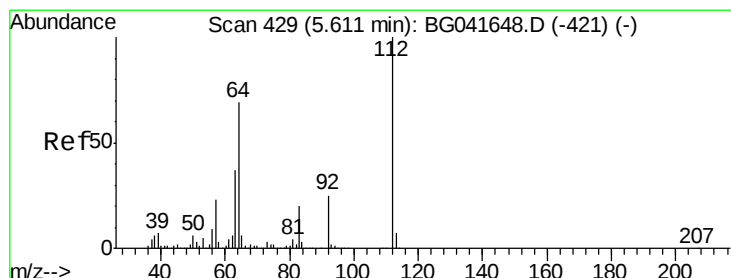
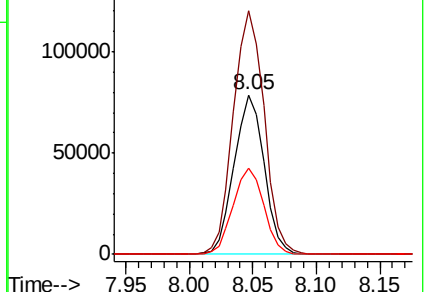
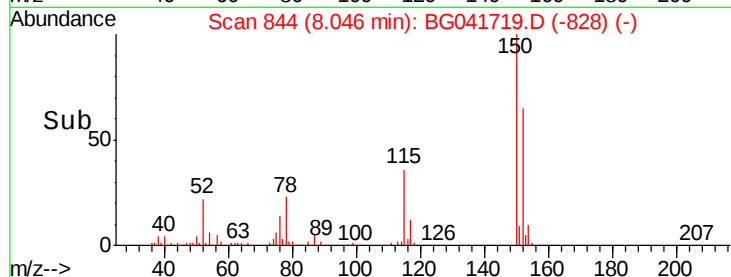
115 54.4 45.0 67.6



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: 64.352 ng

RT: 5.61 min Scan# 429

Delta R.T. -0.00 min

Lab File: BG041719.D

Acq: 18 Jul 2019 21:00

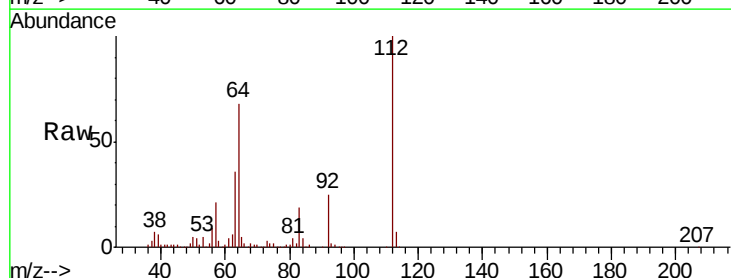
Tgt Ion:112 Resp: 508400

Ion Ratio Lower Upper

112 100

64 67.7 55.4 83.2

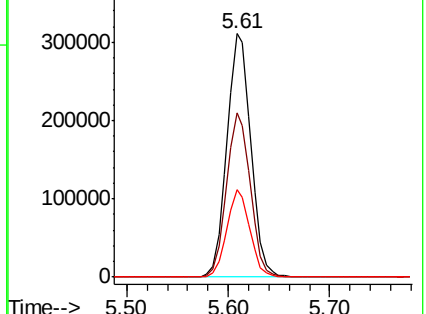
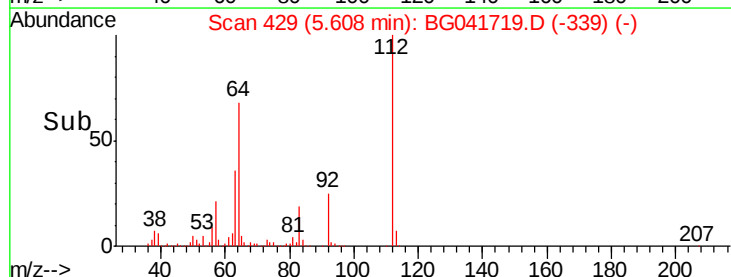
63 36.1 29.1 43.7

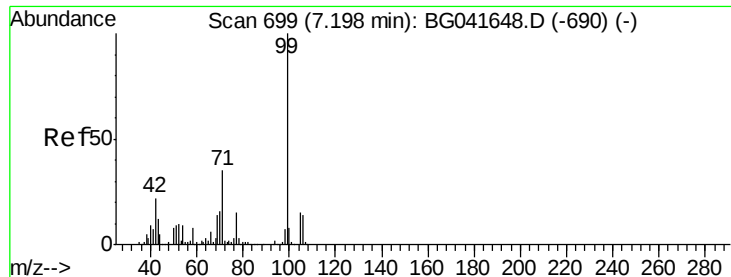


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 43.036 ng

RT: 7.19 min Scan# 699

Delta R.T. -0.01 min

Lab File: BG041719.D

Acq: 18 Jul 2019 21:00

Instrument :

BNA_G

ClientSampleId :

TW-9

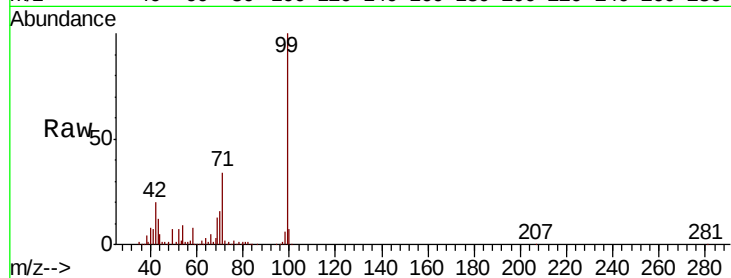
Tot Ion: 99 Resp: 457313

Ion Ratio Lower Upper

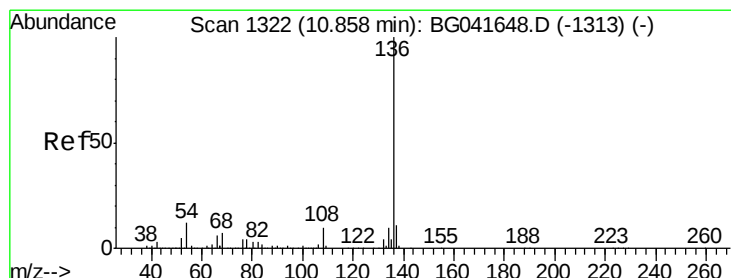
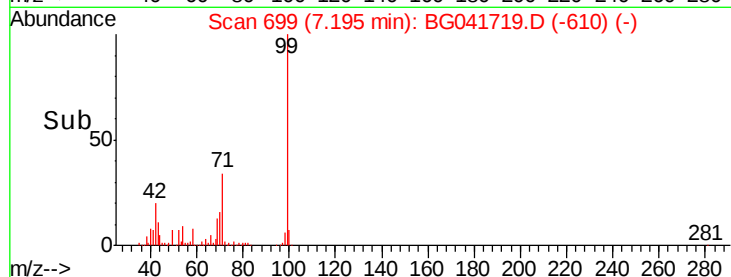
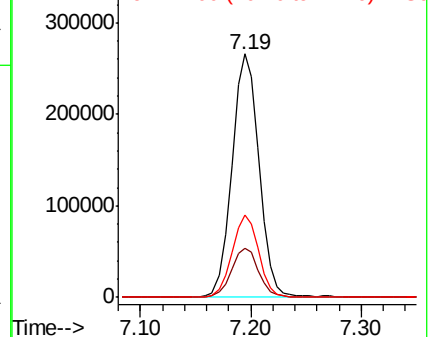
99 100

42 20.0 17.6 26.4

71 33.9 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: 10.85 min Scan# 1321

Delta R.T. -0.01 min

Lab File: BG041719.D

Acq: 18 Jul 2019 21:00

Tgt Ion: 136 Resp: 517310

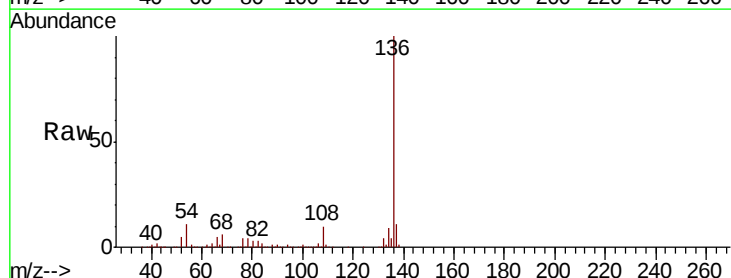
Ion Ratio Lower Upper

136 100

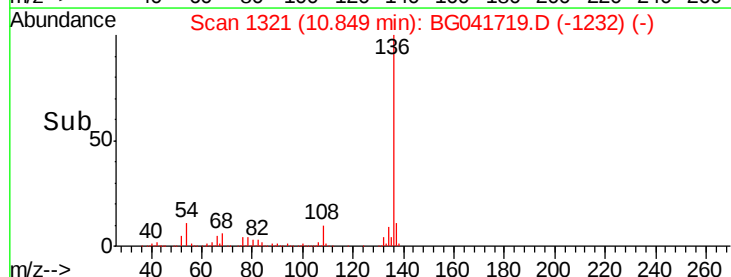
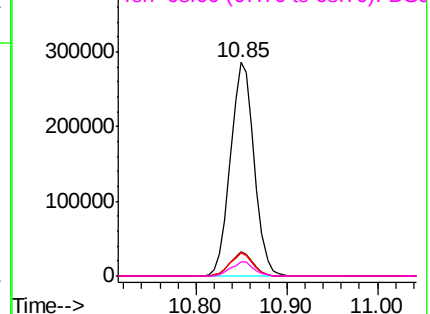
137 11.5 9.2 13.8

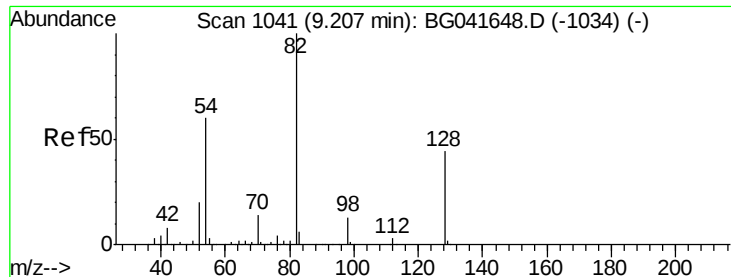
54 10.9 8.7 13.1

68 6.5 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

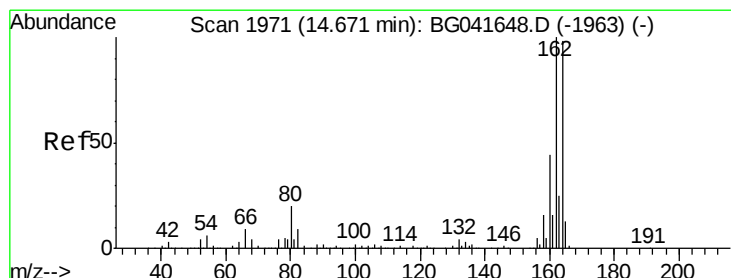
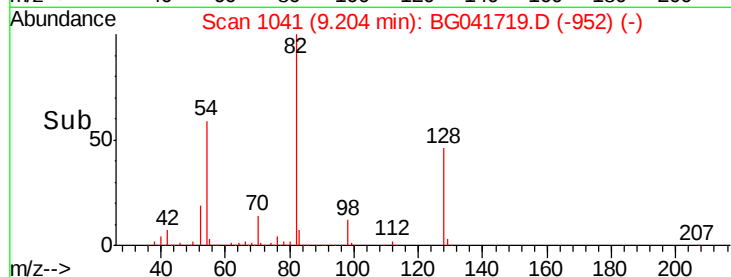
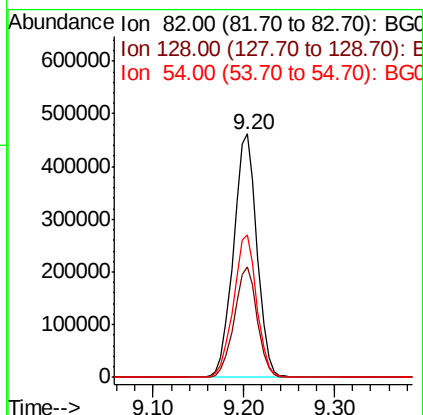
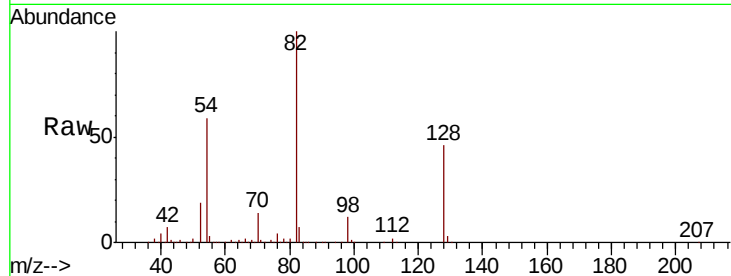




#23
Nitrobenzene-d5
Concen: 97.940 ng
RT: 9.20 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BG041719.D
Acq: 18 Jul 2019 21:00

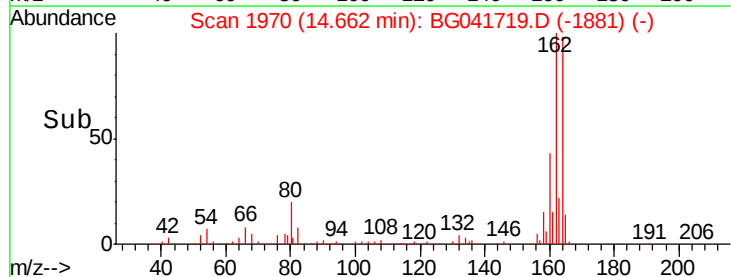
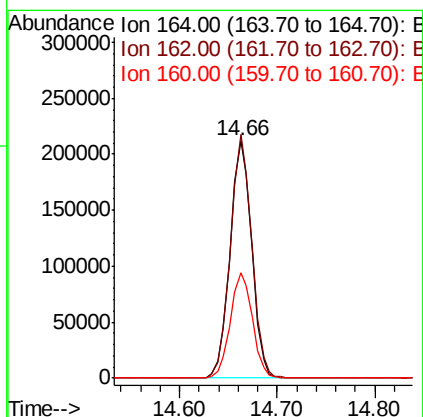
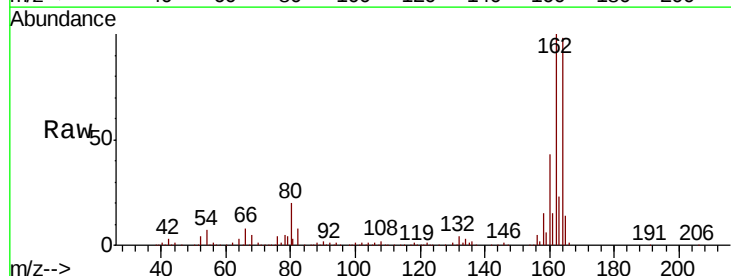
Instrument :
BNA_G
ClientSampleId :
TW-9

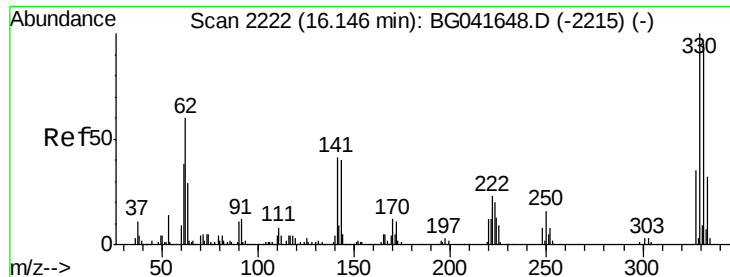
Tot Ion	82	Resp	833107
Ion Ratio	Lower	Upper	
82	100		
128	45.6	35.1	52.7
54	58.7	48.7	73.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1970
Delta R.T. -0.01 min
Lab File: BG041719.D
Acq: 18 Jul 2019 21:00

Tgt Ion	164	Resp	325499
Ion Ratio	Lower	Upper	
164	100		
162	102.4	79.6	119.4
160	44.4	35.4	53.0

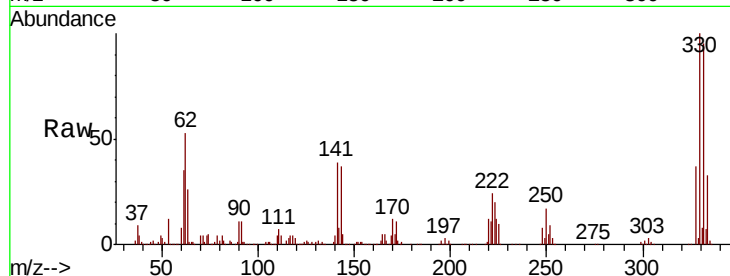




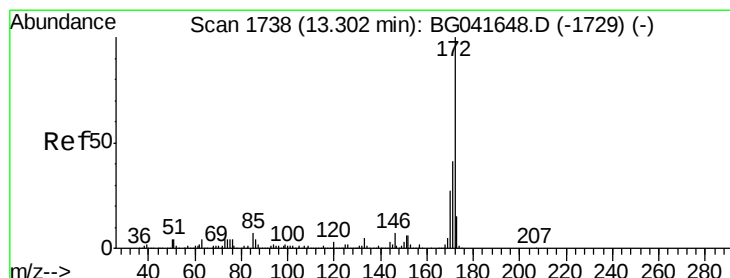
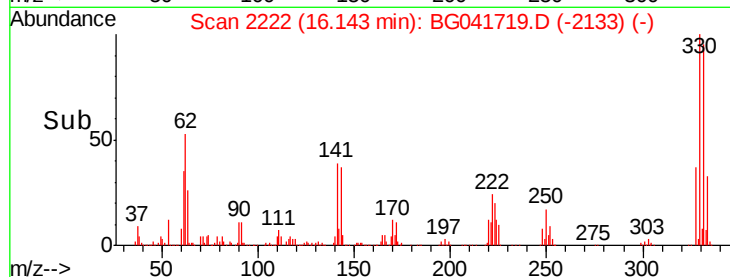
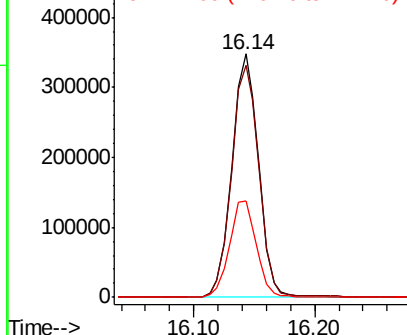
#42
 2,4,6-Tribromophenol
 Concen: 145.830 ng
 RT: 16.14 min Scan# 2222
 Delta R.T. -0.01 min
 Lab File: BG041719.D
 Acq: 18 Jul 2019 21:00

Instrument :
 BNA_G
 ClientSampleId :
 TW-9

Tot Ion:330 Resp: 534950
 Ion Ratio Lower Upper
 330 100
 332 98.2 77.4 116.0
 141 40.0 31.9 47.9

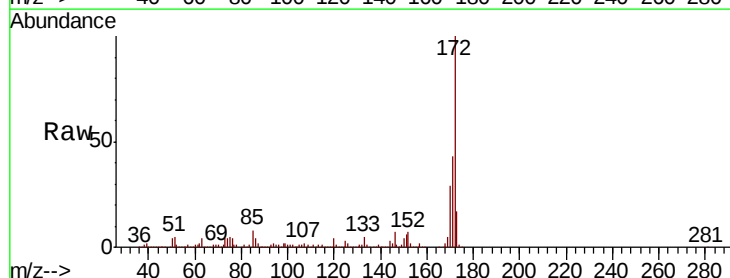


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

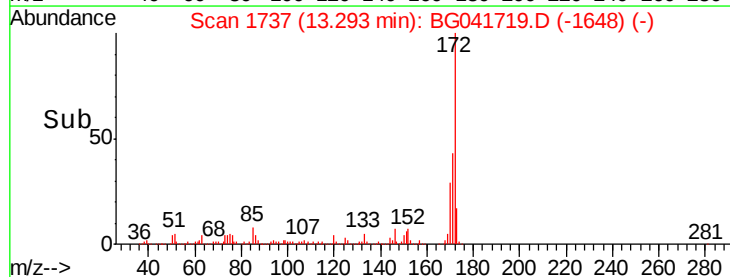
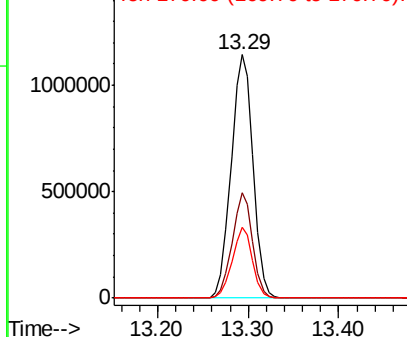


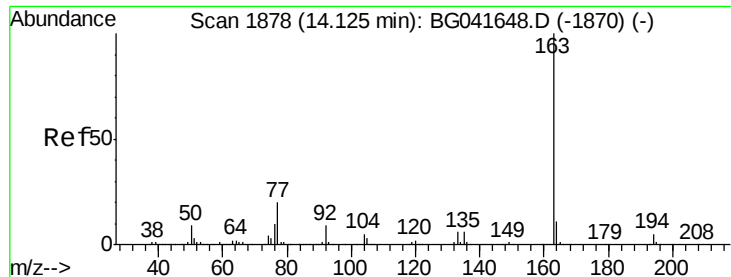
#45
 2-Fluorobiphenyl
 Concen: 91.380 ng
 RT: 13.29 min Scan# 1737
 Delta R.T. -0.01 min
 Lab File: BG041719.D
 Acq: 18 Jul 2019 21:00

Tgt Ion:172 Resp: 1920844
 Ion Ratio Lower Upper
 172 100
 171 43.3 35.0 52.4
 170 29.2 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

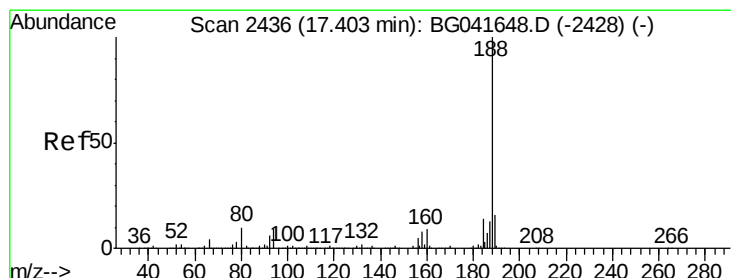
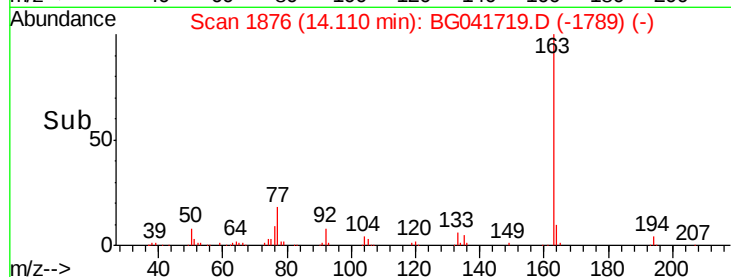
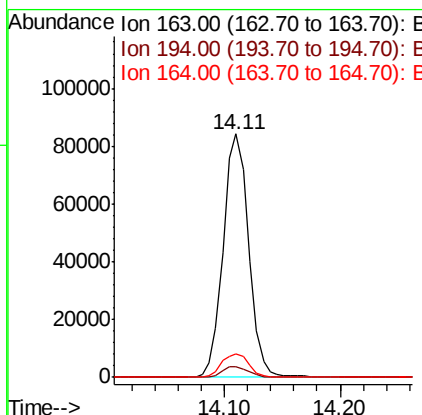
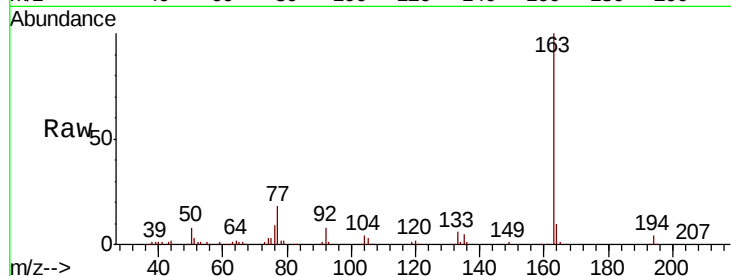




#50
Dimethylphthalate
Concen: 5.046 ng
RT: 14.11 min Scan# 1876
Delta R.T. -0.02 min
Lab File: BG041719.D
Acq: 18 Jul 2019 21:00

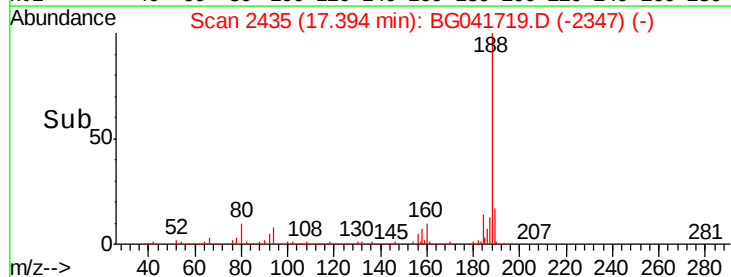
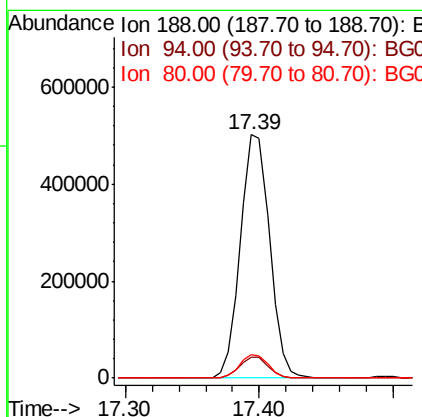
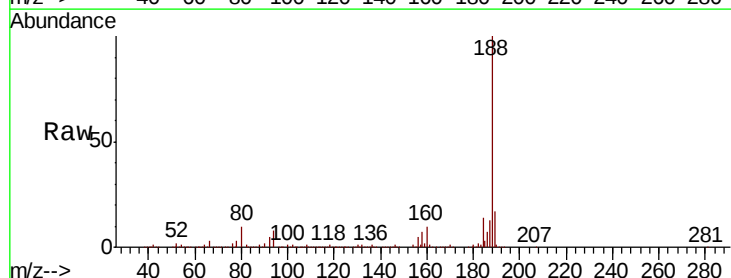
Instrument :
BNA_G
ClientSampleId :
TW-9

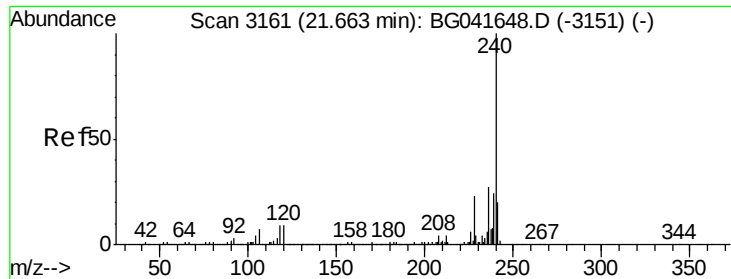
Tot Ion:163 Resp: 128991
Ion Ratio Lower Upper
163 100
194 4.4 4.2 6.2
164 9.5 9.4 14.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2435
Delta R.T. -0.01 min
Lab File: BG041719.D
Acq: 18 Jul 2019 21:00

Tgt Ion:188 Resp: 762086
Ion Ratio Lower Upper
188 100
94 8.5 6.9 10.3
80 9.7 8.0 12.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.65 min Scan# 3159

Delta R.T. -0.01 min

Lab File: BG041719.D

Acq: 18 Jul 2019 21:00

Instrument :

BNA_G

ClientSampleId :

TW-9

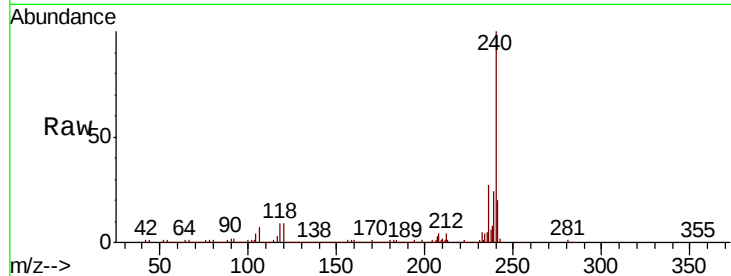
Tot Ion:240 Resp: 744371

Ion Ratio Lower Upper

240 100

120 9.1 8.0 12.0

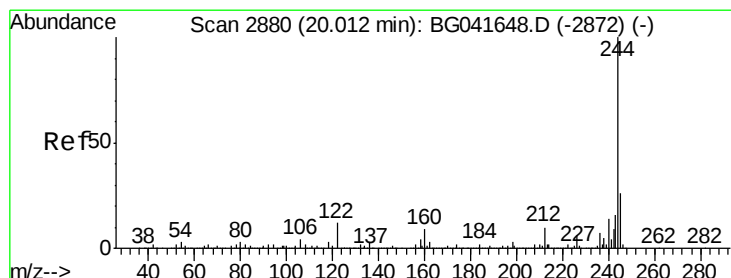
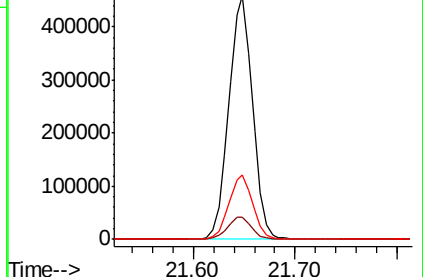
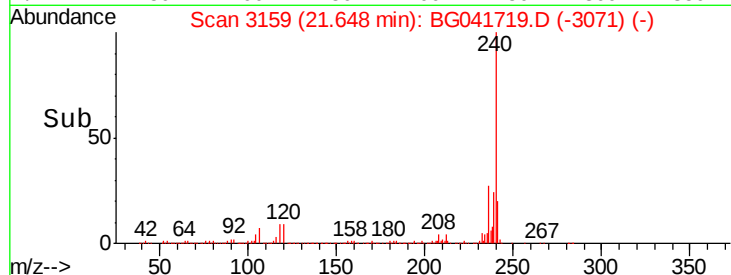
236 26.6 22.6 33.8



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: 83.100 ng

RT: 20.00 min Scan# 2879

Delta R.T. -0.01 min

Lab File: BG041719.D

Acq: 18 Jul 2019 21:00

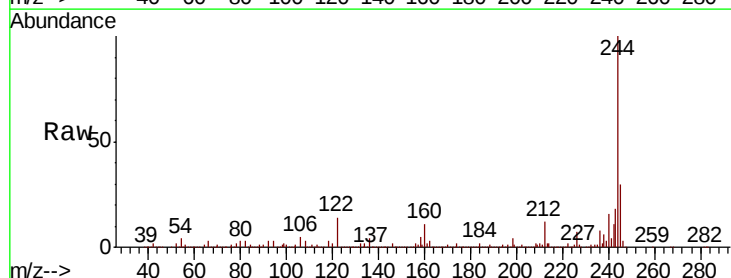
Tgt Ion:244 Resp: 2647007

Ion Ratio Lower Upper

244 100

212 11.8 9.7 14.5

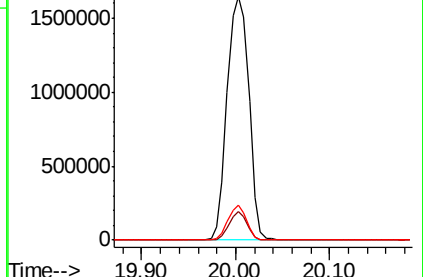
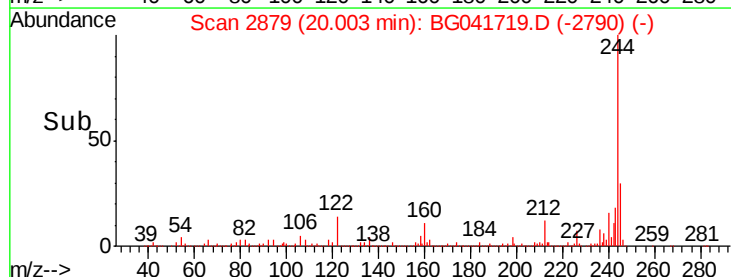
122 14.4 12.5 18.7

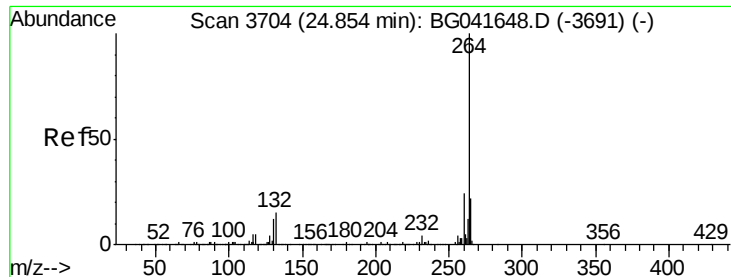


Abundance Ion 244.00 (243.70 to 244.70): E

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. -0.03 min

Lab File: BG041719.D

Acq: 18 Jul 2019 21:00

Instrument :

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Tot Ion:264 Resp: 833308

Ion Ratio Lower Upper

264 100

260 24.3 19.5 29.3

265 22.6 18.0 27.0

