

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071819\
 Data File : BG041718.D
 Acq On : 18 Jul 2019 20:22
 Operator : HP/JU
 Sample : K3834-08
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TW-5

Quant Time: Jul 19 09:03:22 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

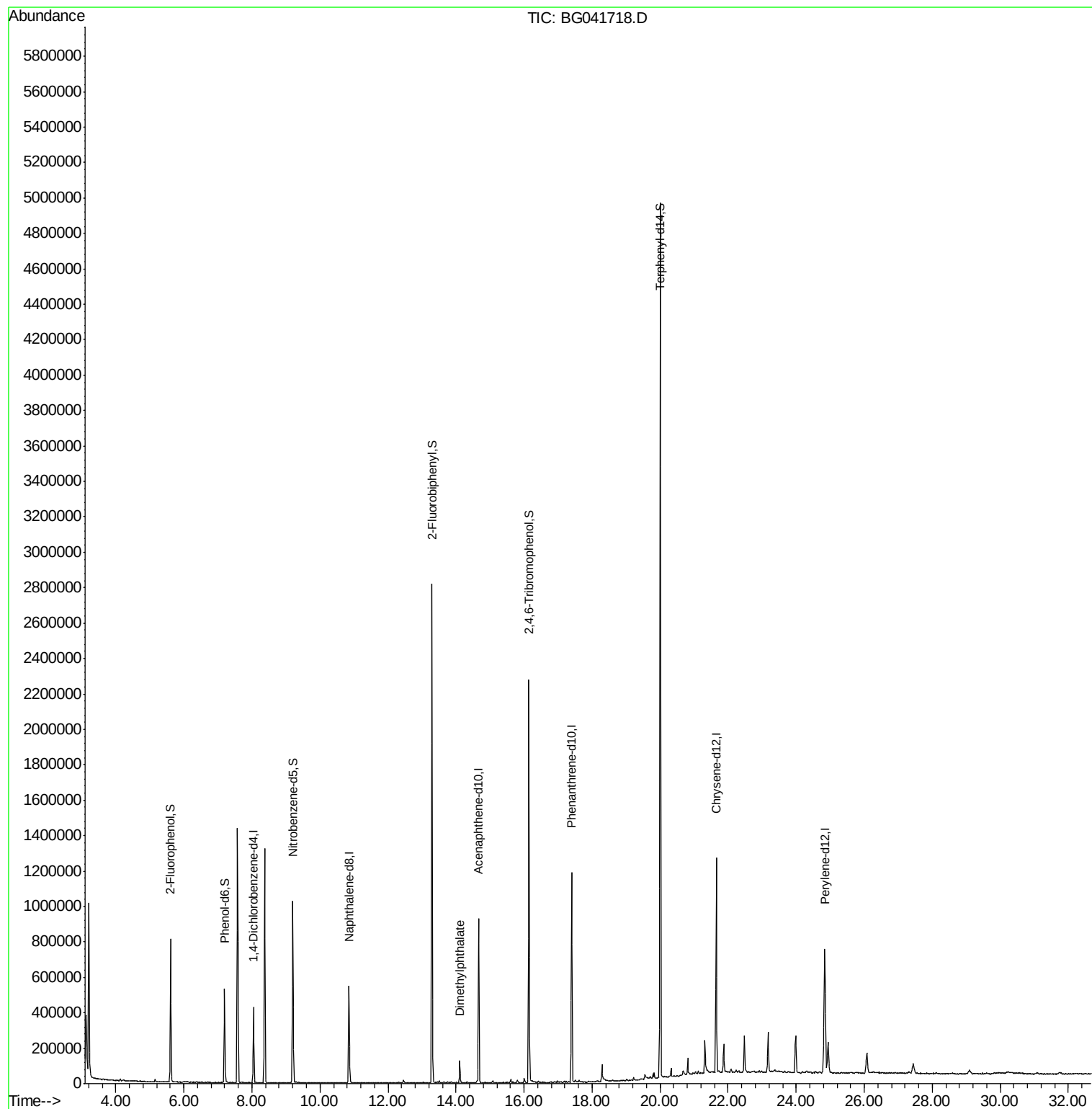
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	123110	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	496113	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	317130	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	745982	20.00	ng	-0.01
76) Chrysene-d12	21.65	240	712057	20.00	ng	-0.01
87) Perylene-d12	24.85	264	813361	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	352294	46.78	ng	0.00
7) Phenol-d6	7.20	99	313024	30.90	ng	0.00
23) Nitrobenzene-d5	9.20	82	615721	75.48	ng	-0.01
42) 2,4,6-Tribromophenol	16.14	330	413727	115.76	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	1495986	73.05	ng	0.00
79) Terphenyl-d14	20.00	244	2150585	70.58	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.11	163	86901	3.489	ng	Qvalue 97

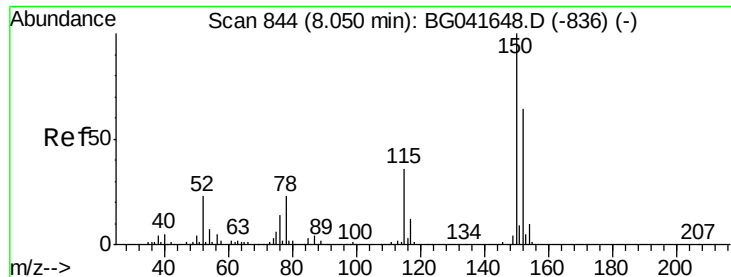
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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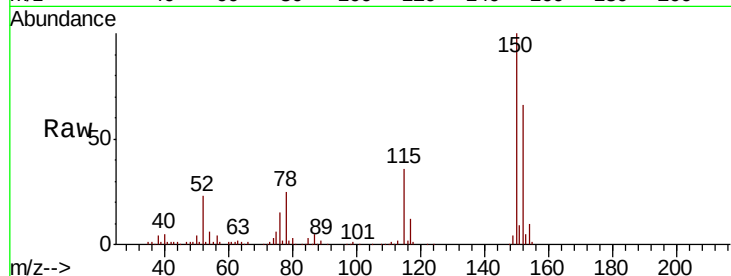


#1

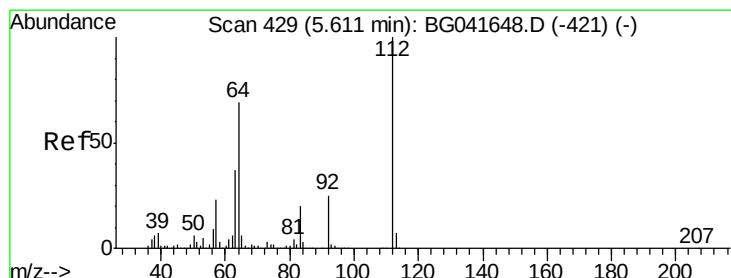
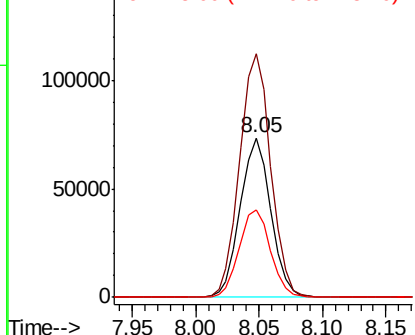
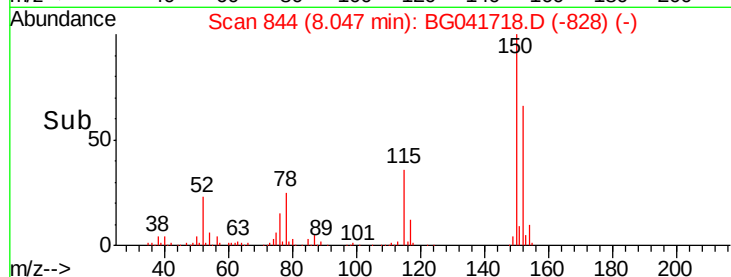
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.01 min
Lab File: BG041718.D
Acq: 18 Jul 2019 20:22

Instrument :
BNA_G
ClientSampled :
TW-5

Tot Ion	152	Resp	123110
Ion Ratio	Lower	Upper	
152	100		
150	152.6	126.9	190.3
115	55.1	45.0	67.6



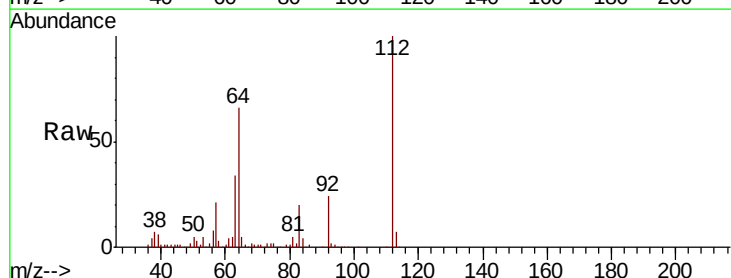
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



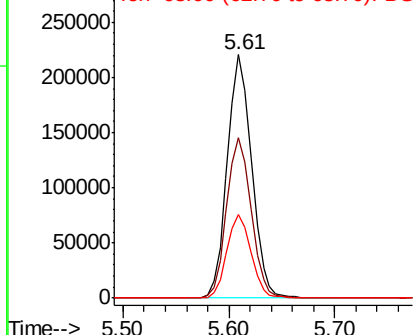
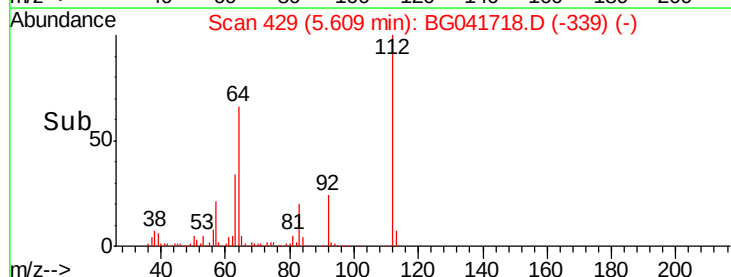
#5

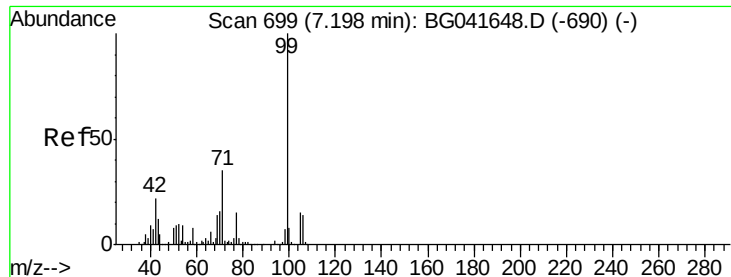
2-Fluorophenol
Concen: 46.780 ng
RT: 5.61 min Scan# 429
Delta R.T. -0.00 min
Lab File: BG041718.D
Acq: 18 Jul 2019 20:22

Tgt Ion	112	Resp	352294
Ion Ratio	Lower	Upper	
112	100		
64	65.8	55.4	83.2
63	34.4	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: 30.903 ng

RT: 7.20 min Scan# 699

Delta R.T. -0.01 min

Lab File: BG041718.D

Acq: 18 Jul 2019 20:22

Instrument :

BNA_G

ClientSampleId :

TW-5

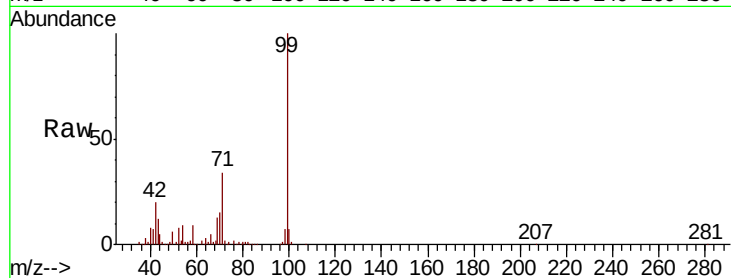
Tot Ion: 99 Resp: 313024

Ion Ratio Lower Upper

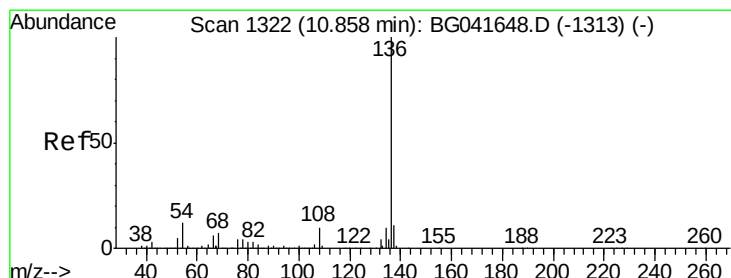
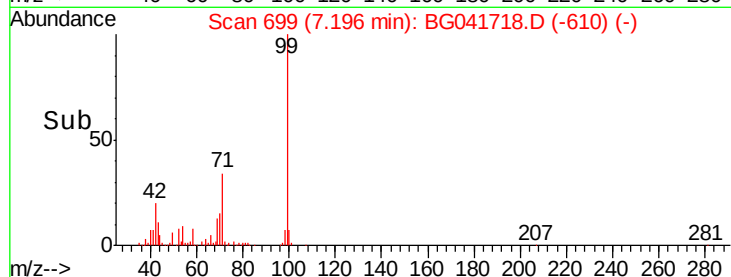
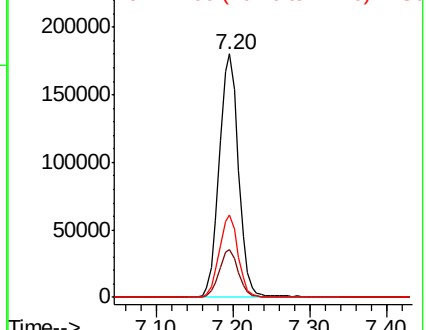
99 100

42 19.9 17.6 26.4

71 33.7 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: BG041718.D

Acq: 18 Jul 2019 20:22

Tgt Ion: 136 Resp: 496113

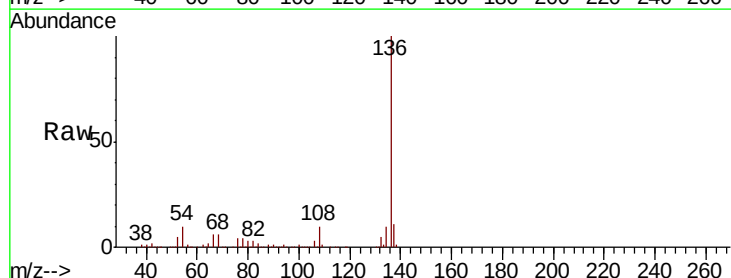
Ion Ratio Lower Upper

136 100

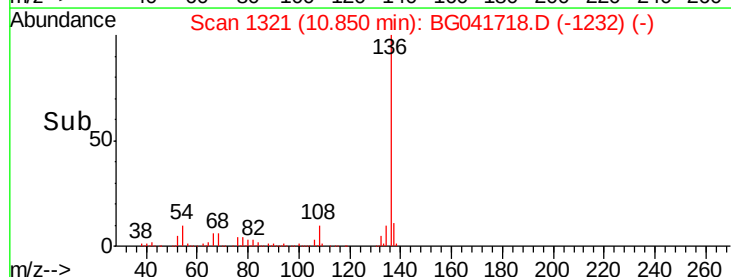
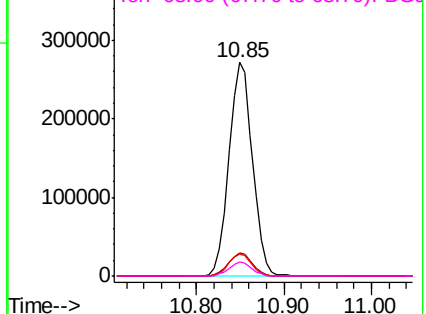
137 11.1 9.2 13.8

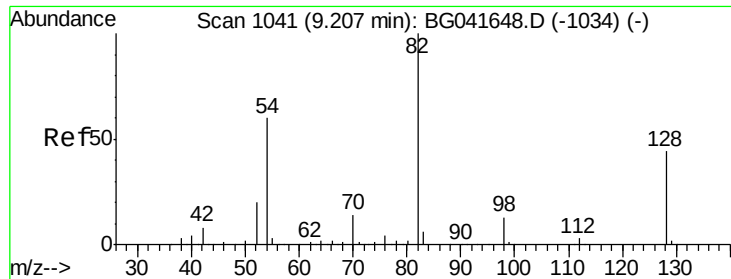
54 10.2 8.7 13.1

68 6.3 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

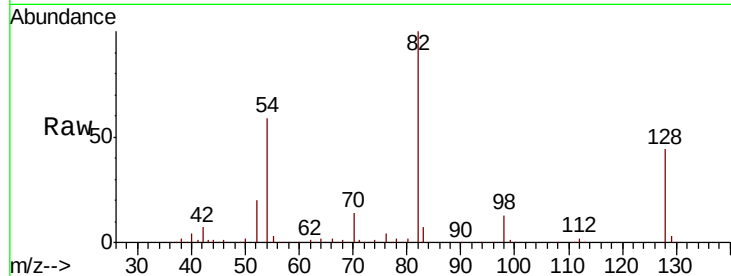




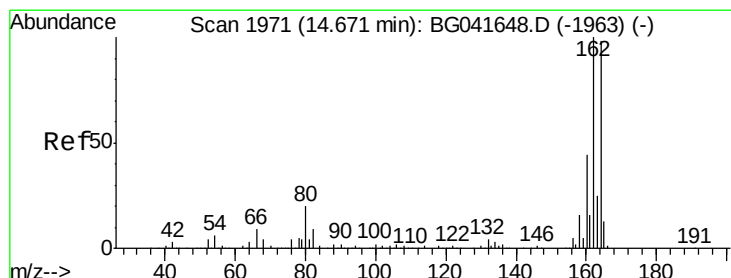
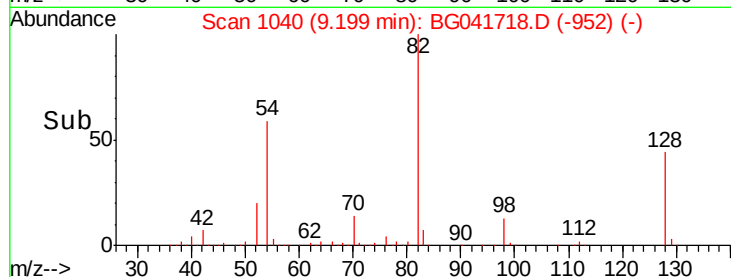
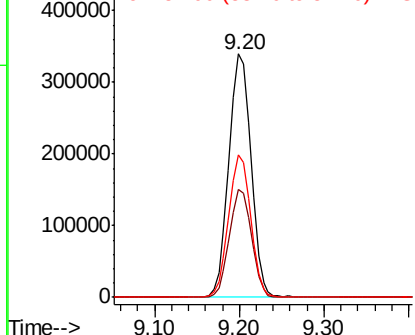
#23
Nitrobenzene-d5
Concen: 75.477 ng
RT: 9.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BG041718.D
Acq: 18 Jul 2019 20:22

Instrument :
BNA_G
ClientSampleId :
TW-5

Tot Ion: 82 Resp: 615721
Ion Ratio Lower Upper
82 100
128 44.2 35.1 52.7
54 58.7 48.7 73.1

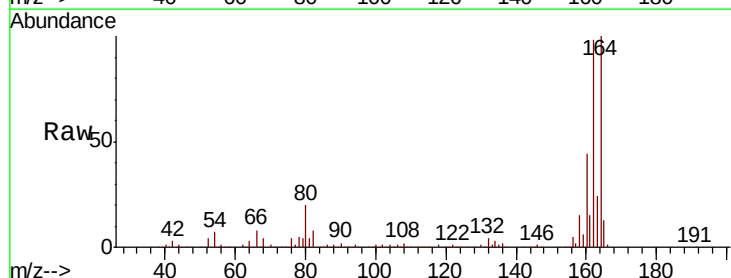


Abundance Ion 82.00 (81.70 to 82.70): BG
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BG

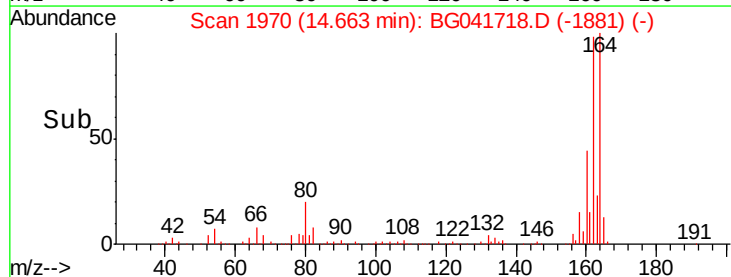
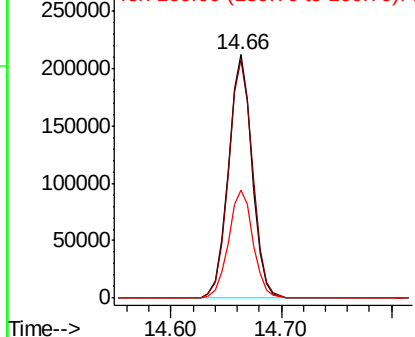


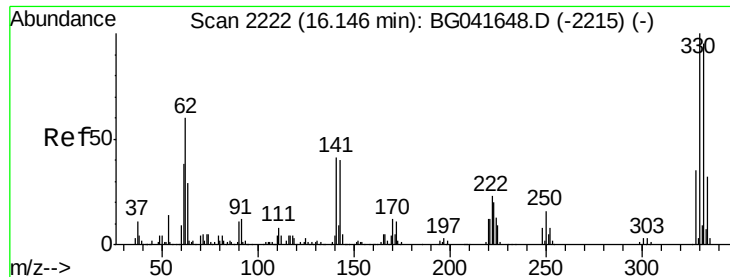
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1970
Delta R.T. -0.01 min
Lab File: BG041718.D
Acq: 18 Jul 2019 20:22

Tgt Ion:164 Resp: 317130
Ion Ratio Lower Upper
164 100
162 97.8 79.6 119.4
160 44.3 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

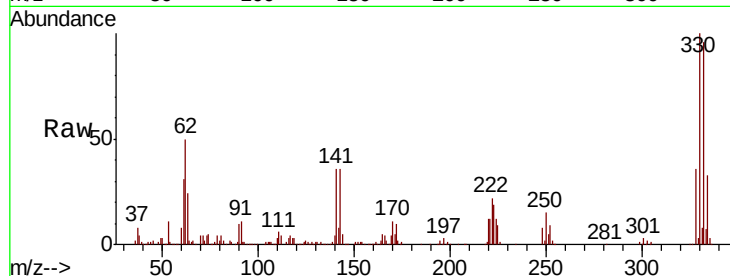




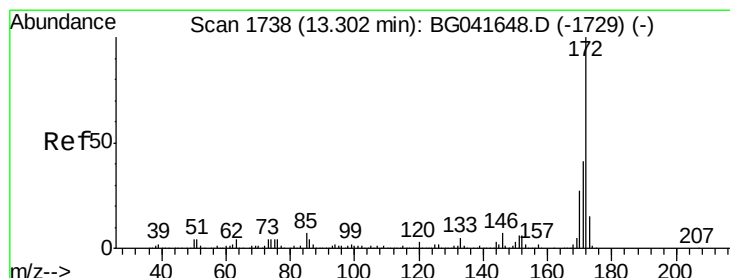
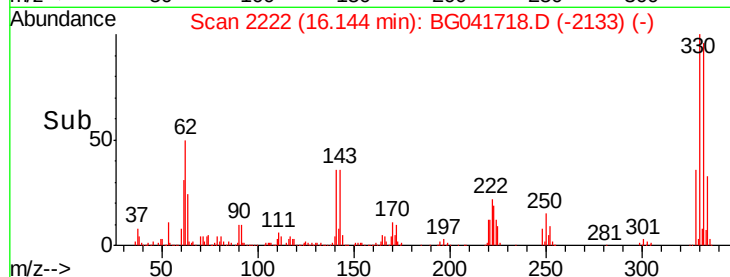
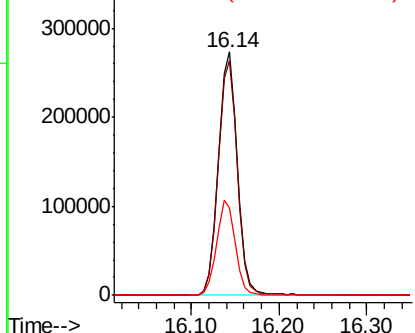
#42
 2,4,6-Tribromophenol
 Concen: 115.760 ng
 RT: 16.14 min Scan# 2222
 Delta R.T. -0.01 min
 Lab File: BG041718.D
 Acq: 18 Jul 2019 20:22

Instrument :
 BNA_G
 ClientSampled :
 TW-5

Tot Ion:330 Resp: 413727
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.4 116.0
 141 38.5 31.9 47.9

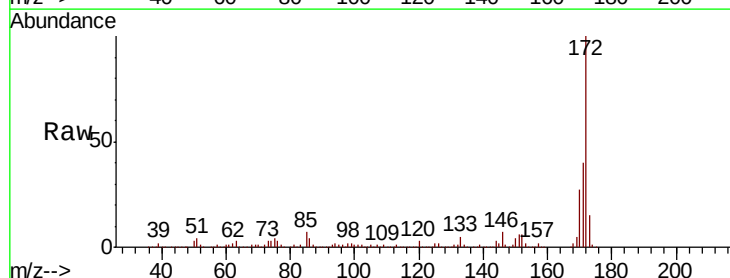


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

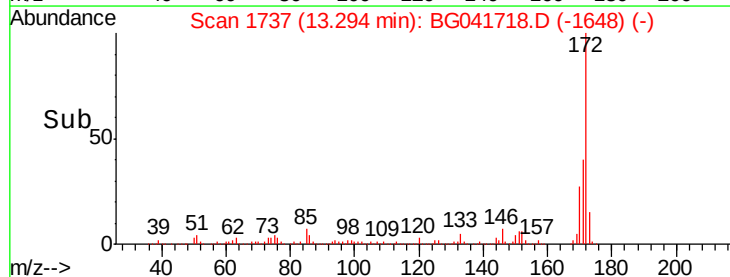
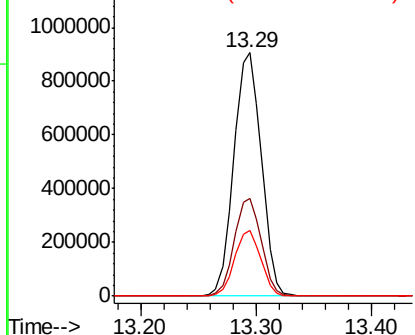


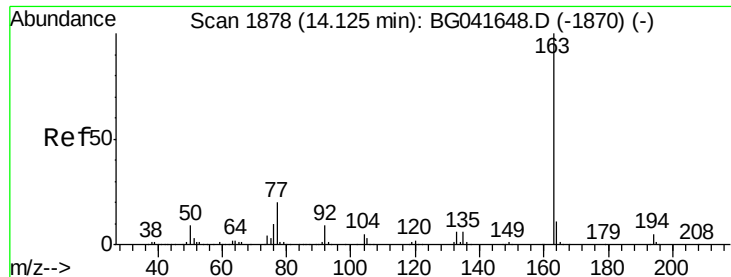
#45
 2-Fluorobiphenyl
 Concen: 73.047 ng
 RT: 13.29 min Scan# 1737
 Delta R.T. -0.01 min
 Lab File: BG041718.D
 Acq: 18 Jul 2019 20:22

Tgt Ion:172 Resp: 1495986
 Ion Ratio Lower Upper
 172 100
 171 40.3 35.0 52.4
 170 26.9 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: 3.489 ng

RT: 14.11 min Scan# 1876

Delta R.T. -0.02 min

Lab File: BG041718.D

Acq: 18 Jul 2019 20:22

Instrument :

BNA_G

ClientSampleId :

TW-5

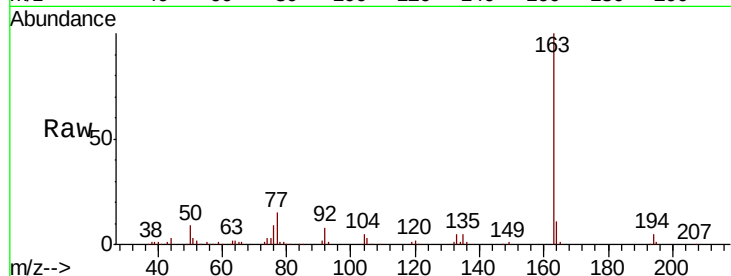
Tot Ion:163 Resp: 86901

Ion Ratio Lower Upper

163 100

194 4.8 4.2 6.2

164 10.6 9.4 14.2

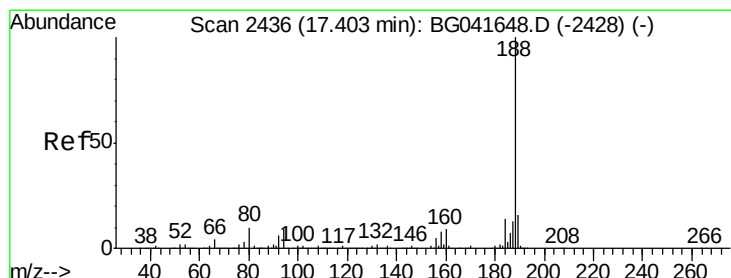
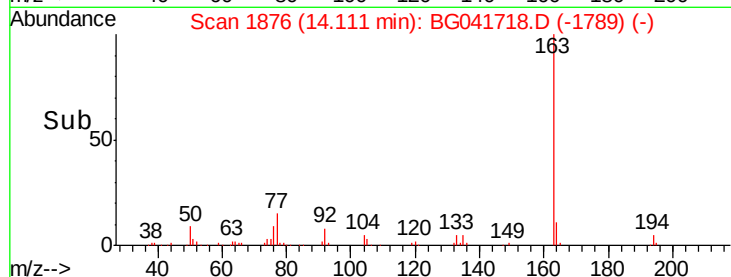
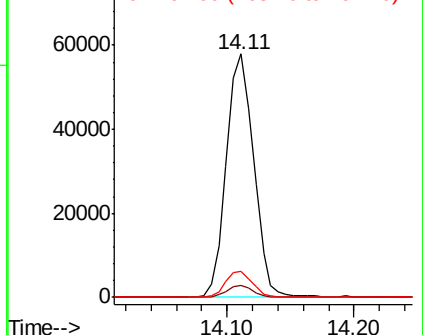


Abundance

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: BG041718.D

Acq: 18 Jul 2019 20:22

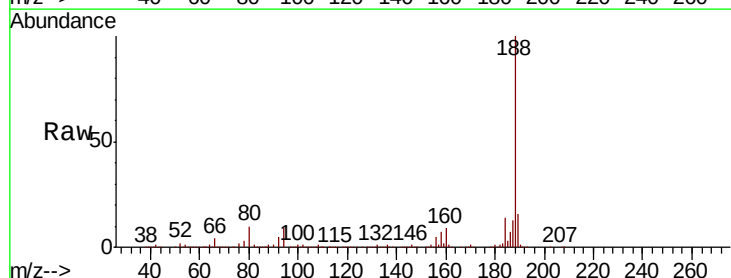
Tgt Ion:188 Resp: 745982

Ion Ratio Lower Upper

188 100

94 8.7 6.9 10.3

80 9.9 8.0 12.0

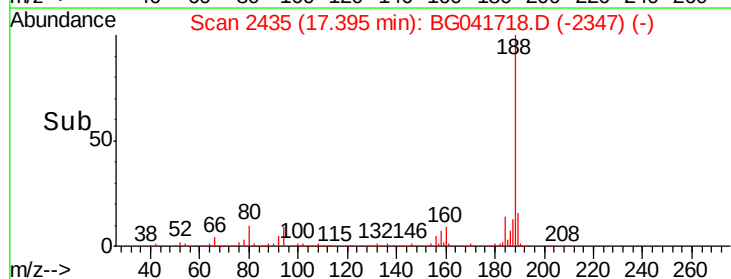
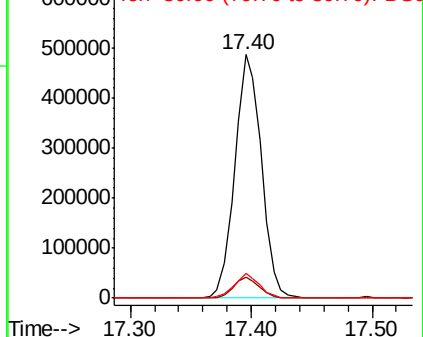


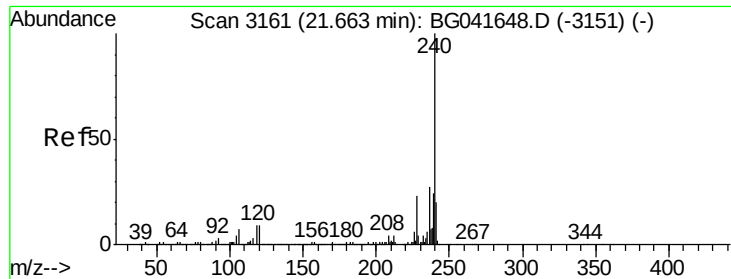
Abundance

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

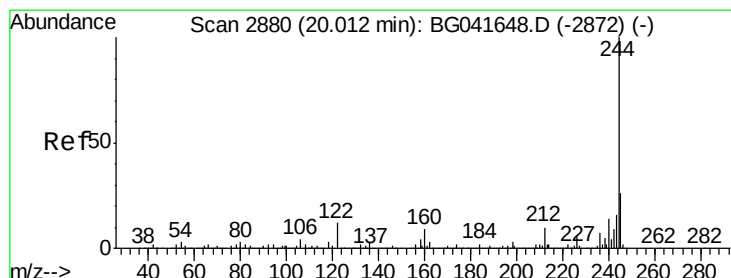
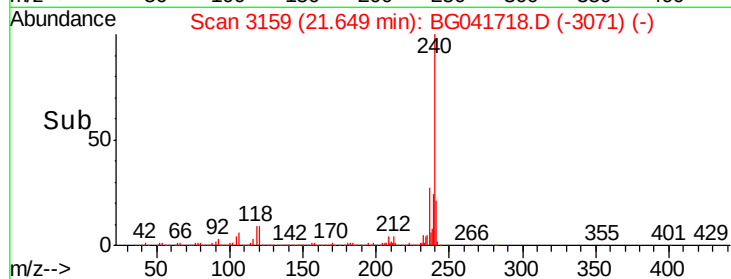
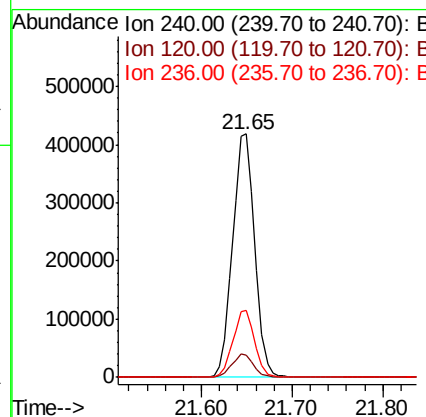
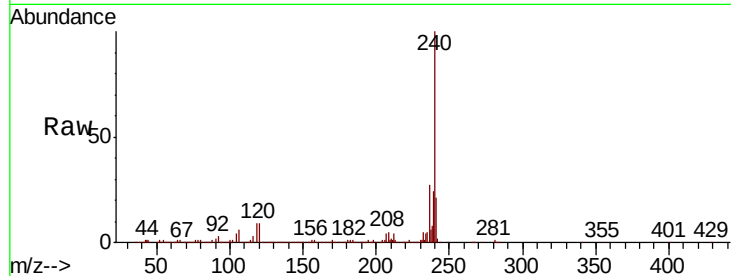




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.65 min Scan# 3159
Delta R.T. -0.01 min
Lab File: BG041718.D
Acq: 18 Jul 2019 20:22

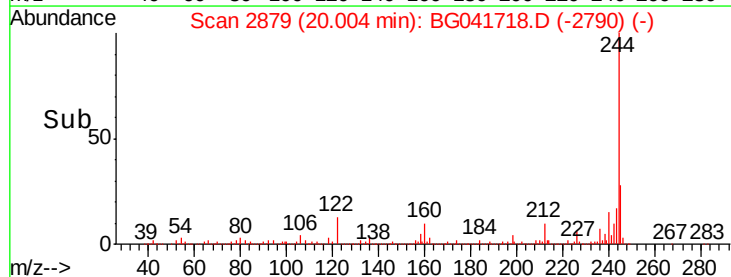
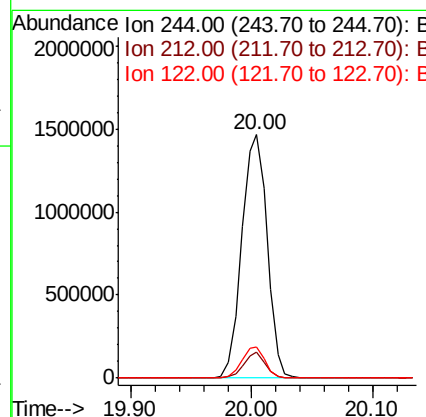
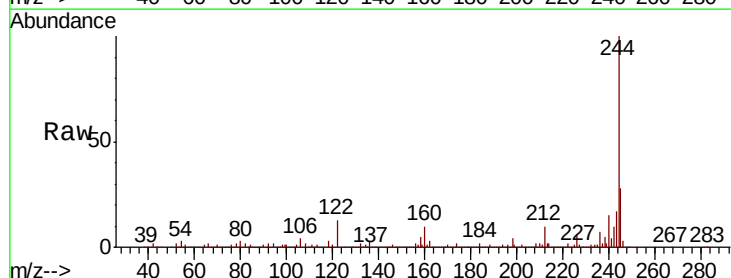
Instrument :
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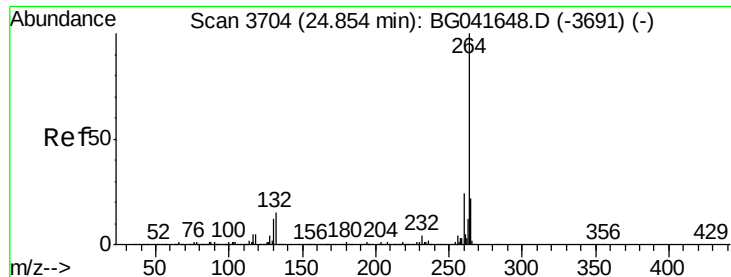
Tot Ion:240 Resp: 712057
Ion Ratio Lower Upper
240 100
120 9.2 8.0 12.0
236 27.4 22.6 33.8



#79
Terphenyl-d14
Concen: 70.579 ng
RT: 20.00 min Scan# 2879
Delta R.T. -0.01 min
Lab File: BG041718.D
Acq: 18 Jul 2019 20:22

Tgt Ion:244 Resp: 2150585
Ion Ratio Lower Upper
244 100
212 10.5 9.7 14.5
122 12.5 12.5 18.7





#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.85 min Scan# 3703
Delta R.T. -0.02 min
Lab File: BG041718.D
Acq: 18 Jul 2019 20:22

Instrument :
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ClientSampleId :
TW-5

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.5	29.3
265	21.8	18.0	27.0

