

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071919\
 Data File : BG041728.D
 Acq On : 19 Jul 2019 10:33
 Operator : HP/JU
 Sample : K3879-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EFF-WW

Quant Time: Jul 22 08:12:37 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

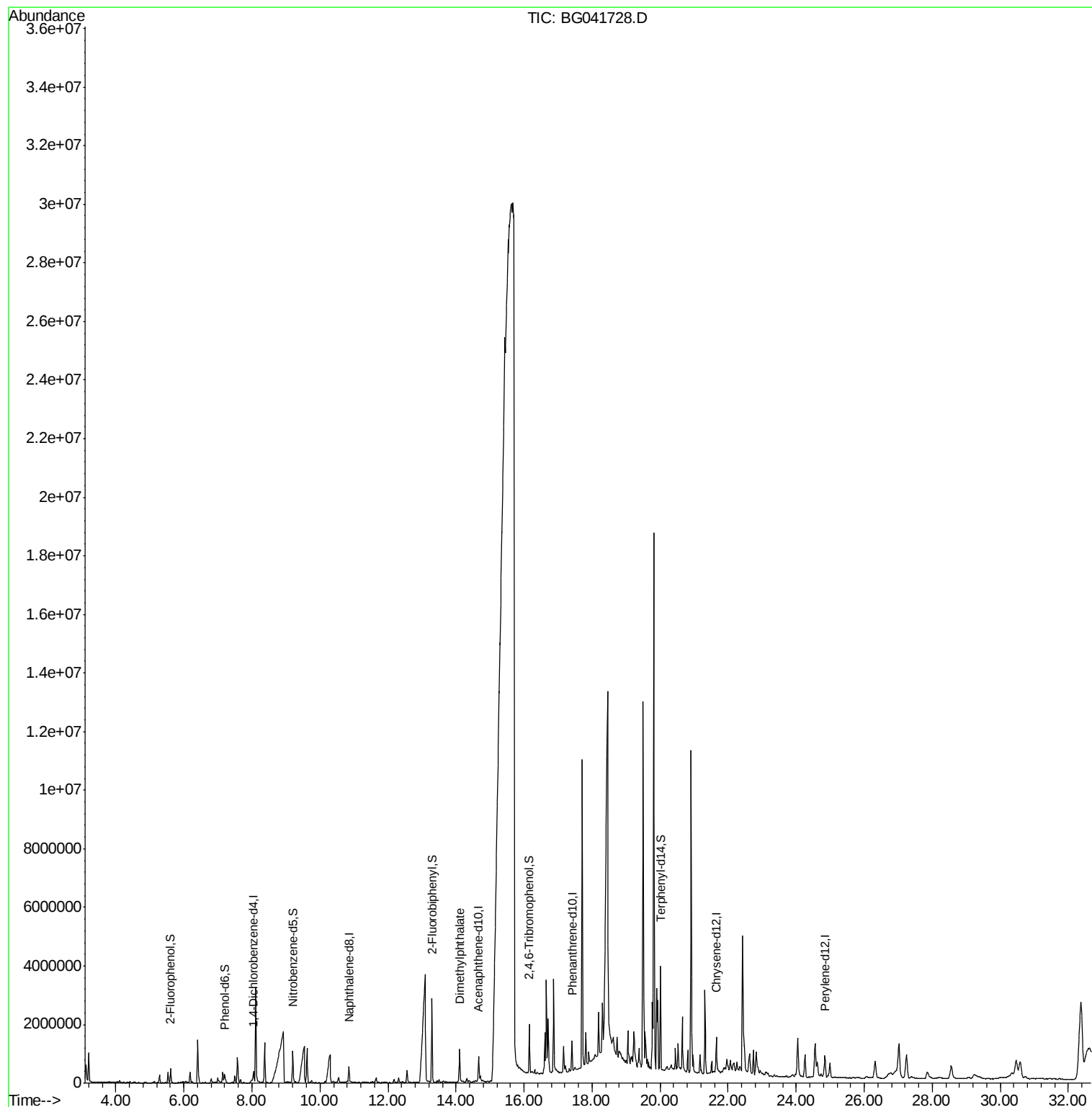
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	115474	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	457896	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	290840	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	639846	20.00	ng	0.00
76) Chrysene-d12	21.66	240	676725	20.00	ng	0.00
87) Perylene-d12	24.85	264	784252	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	208393	29.50	ng	0.00
7) Phenol-d6	7.20	99	166914	17.57	ng	0.00
23) Nitrobenzene-d5	9.20	82	648196	86.09	ng	-0.01
42) 2,4,6-Tribromophenol	16.16	330	257226	78.48	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	1475117	78.54	ng	0.00
79) Terphenyl-d14	20.01	244	1602301	55.33	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.11	163	52925	2.317	ng	Qvalue 98

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

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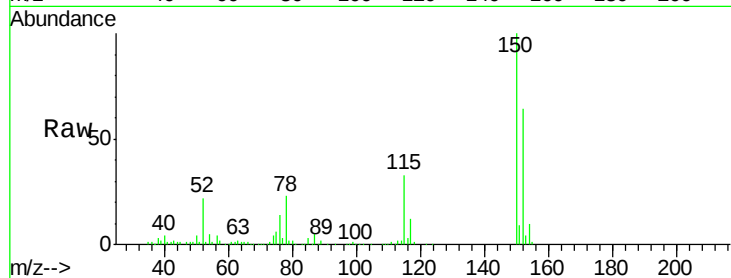


#1

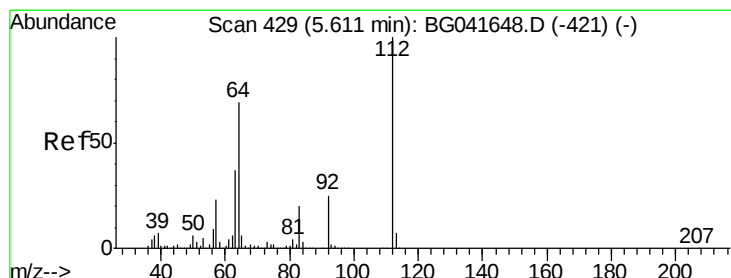
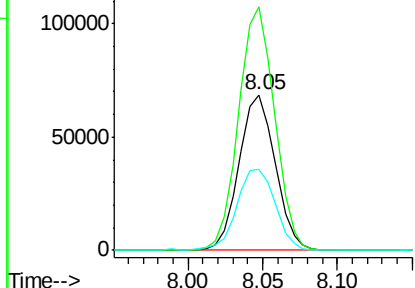
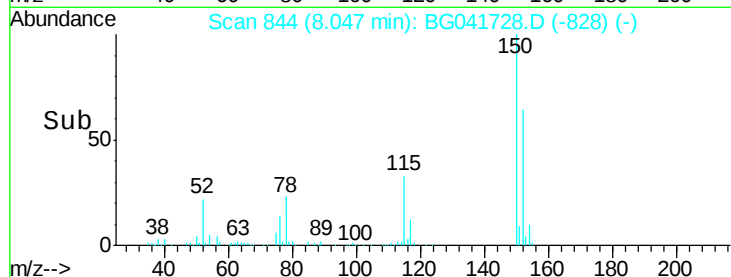
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.01 min
Lab File: BG041728.D
Acq: 19 Jul 2019 10:33

Instrument :
BNA_G
ClientSampled :
EFF-WW

Tot Ion	152	Resp	115474
Ion	Ratio	Lower	Upper
152	100		
150	156.6	126.9	190.3
115	51.8	45.0	67.6



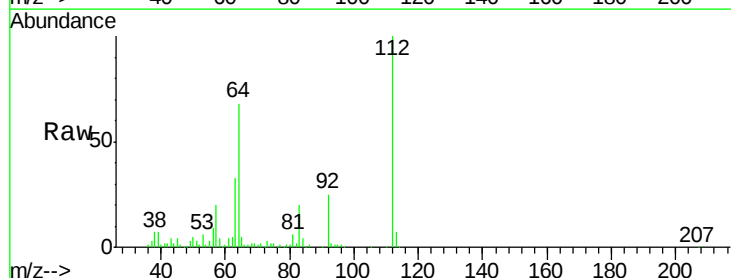
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



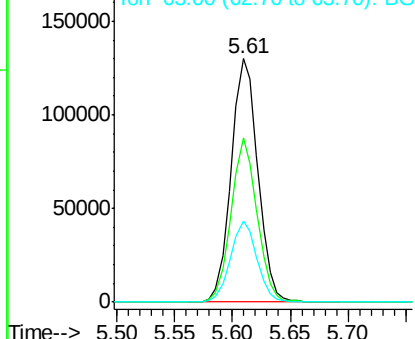
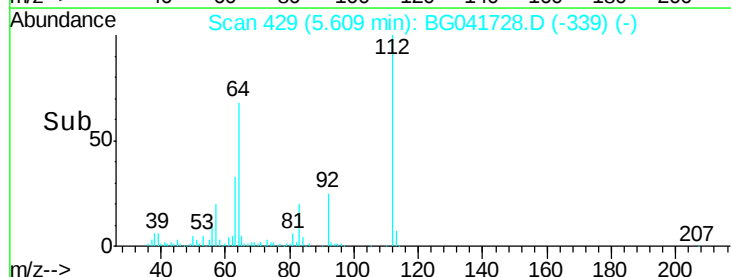
#5

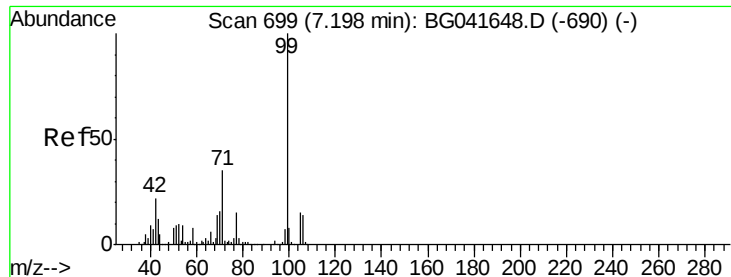
2-Fluorophenol
Concen: 29.502 ng
RT: 5.61 min Scan# 429
Delta R.T. -0.00 min
Lab File: BG041728.D
Acq: 19 Jul 2019 10:33

Tgt Ion	112	Resp	208393
Ion	Ratio	Lower	Upper
112	100		
64	67.7	55.4	83.2
63	33.1	29.1	43.7



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 17.568 ng

RT: 7.20 min Scan# 699

Delta R.T. -0.01 min

Lab File: BG041728.D

Acq: 19 Jul 2019 10:33

Instrument :

BNA_G

ClientSampleId :

EFF-WW

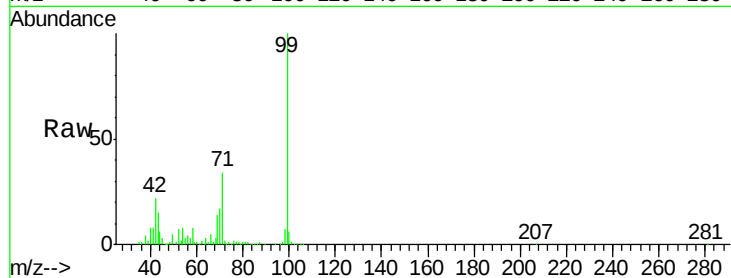
Tot Ion: 99 Resp: 166914

Ion Ratio Lower Upper

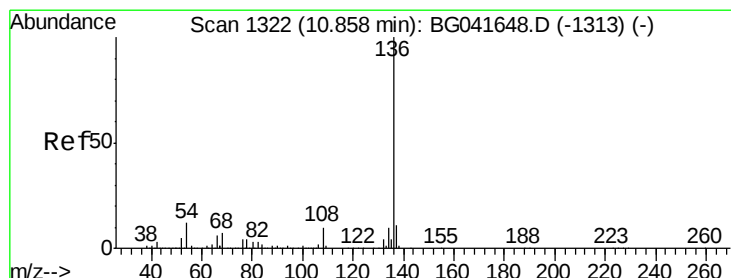
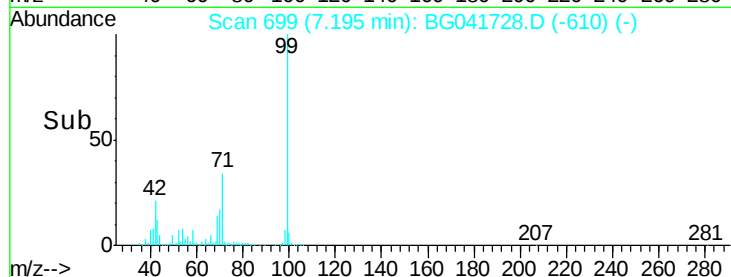
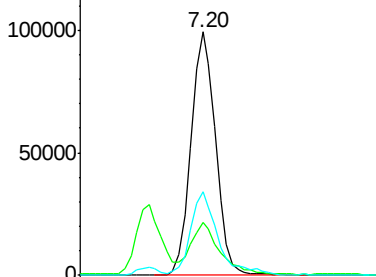
99 100

42 21.7 17.6 26.4

71 34.3 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: BG041728.D

Acq: 19 Jul 2019 10:33

Tgt Ion: 136 Resp: 457896

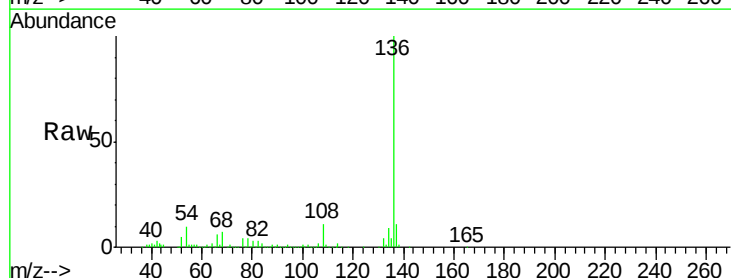
Ion Ratio Lower Upper

136 100

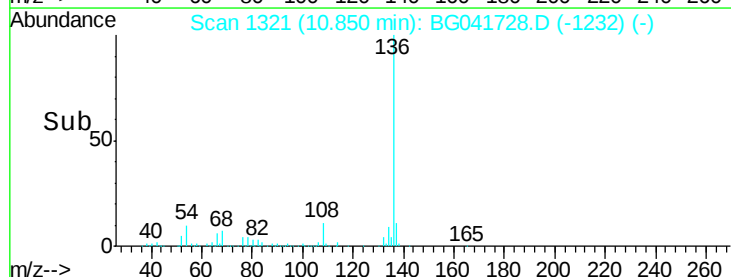
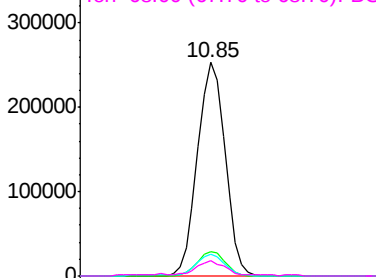
137 11.3 9.2 13.8

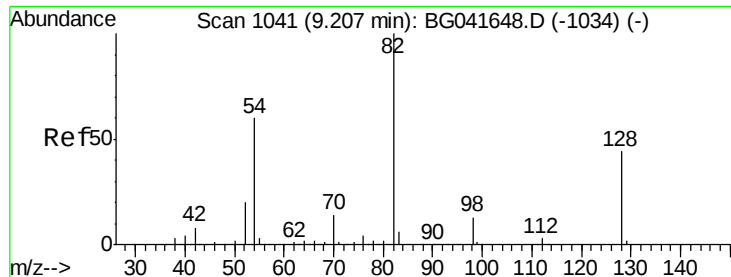
54 10.2 8.7 13.1

68 7.1 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

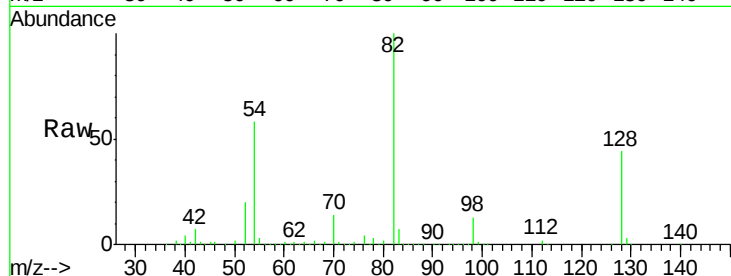




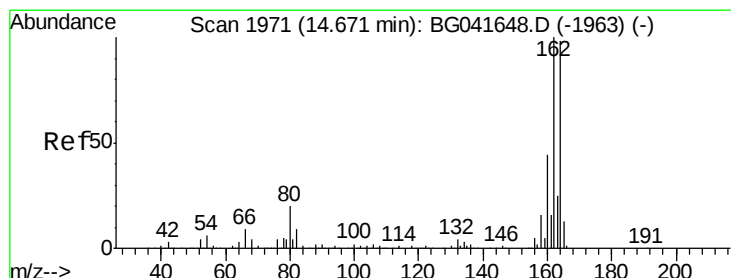
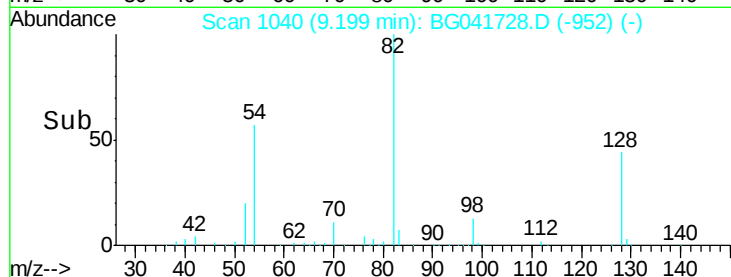
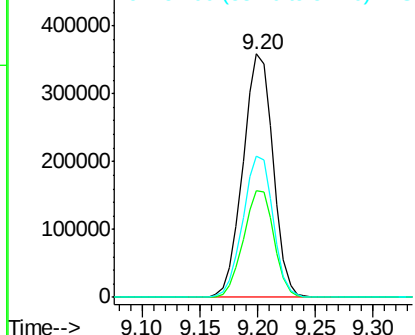
#23
Nitrobenzene-d5
Concen: 86.090 ng
RT: 9.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BG041728.D
Acq: 19 Jul 2019 10:33

Instrument :
BNA_G
ClientSampleId :
EFF-WW

Tot Ion: 82 Resp: 648196
Ion Ratio Lower Upper
82 100
128 43.9 35.1 52.7
54 57.8 48.7 73.1

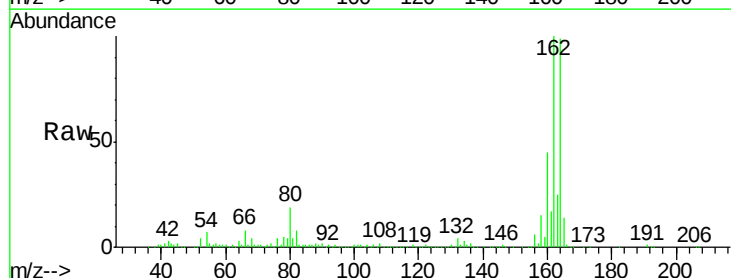


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

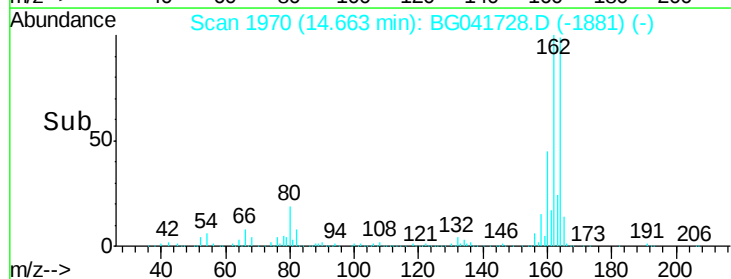
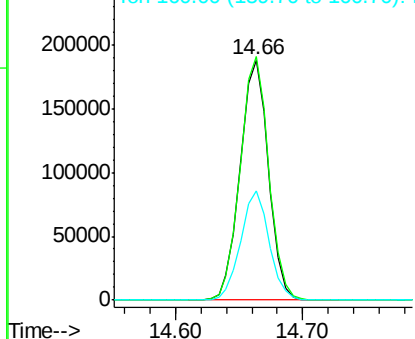


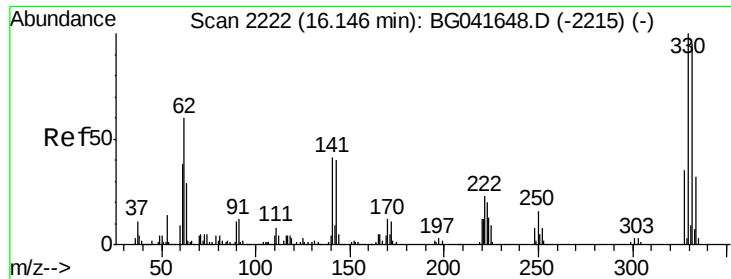
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1970
Delta R.T. -0.01 min
Lab File: BG041728.D
Acq: 19 Jul 2019 10:33

Tgt Ion: 164 Resp: 290840
Ion Ratio Lower Upper
164 100
162 101.4 79.6 119.4
160 45.3 35.4 53.0



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

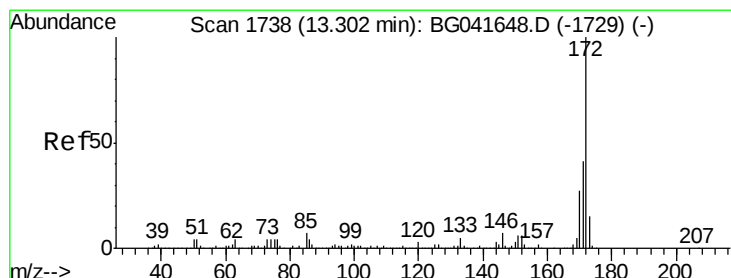
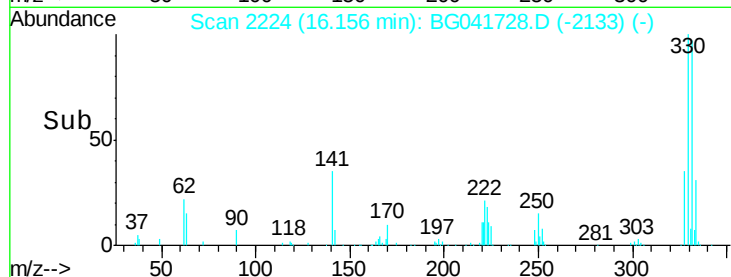
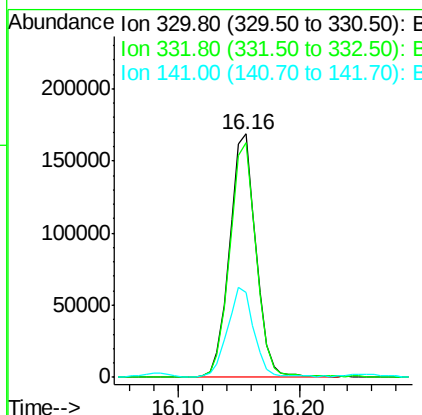
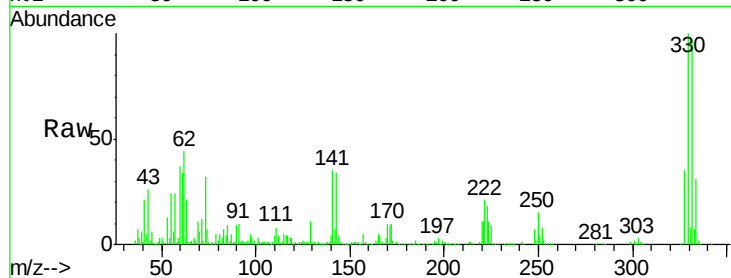




#42
 2,4,6-Tribromophenol
 Concen: 78.477 ng
 RT: 16.16 min Scan# 2224
 Delta R.T. 0.00 min
 Lab File: BG041728.D
 Acq: 19 Jul 2019 10:33

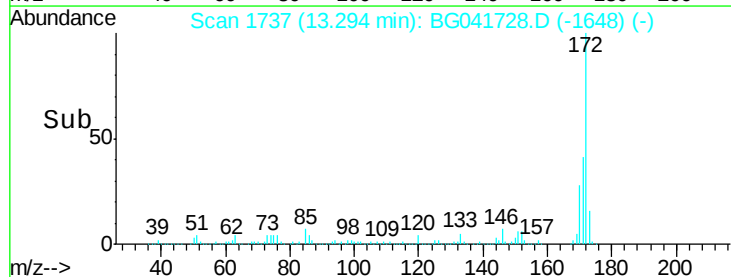
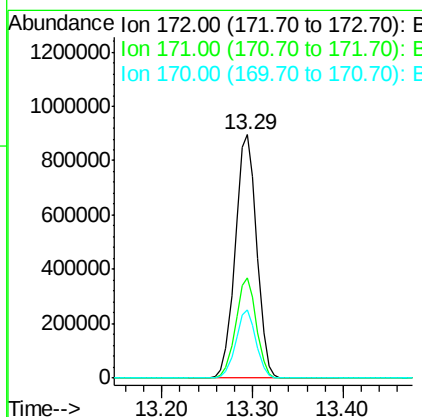
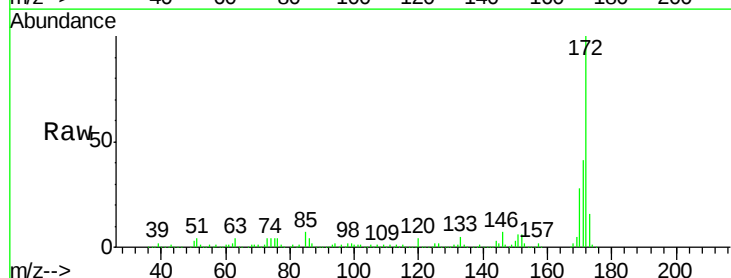
Instrument :
 BNA_G
 ClientSampleId :
 EFF-WW

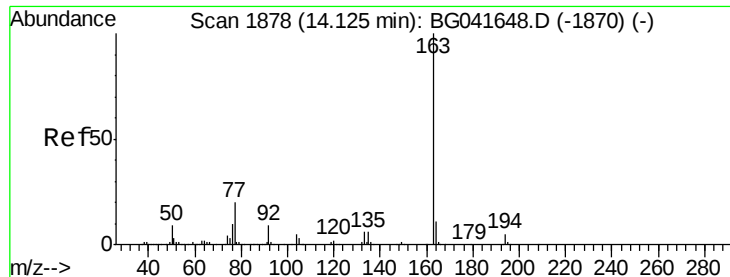
Tot Ion:330 Resp: 257226
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.4 116.0
 141 36.4 31.9 47.9



#45
 2-Fluorobiphenyl
 Concen: 78.539 ng
 RT: 13.29 min Scan# 1737
 Delta R.T. -0.01 min
 Lab File: BG041728.D
 Acq: 19 Jul 2019 10:33

Tgt Ion:172 Resp: 1475117
 Ion Ratio Lower Upper
 172 100
 171 41.2 35.0 52.4
 170 28.0 23.5 35.3





#50

Dimethylphthalate

Concen: 2.317 ng

RT: 14.11 min Scan# 1876

Delta R.T. -0.02 min

Lab File: BG041728.D

Acq: 19 Jul 2019 10:33

Instrument :

BNA_G

ClientSampleId :

EFF-WW

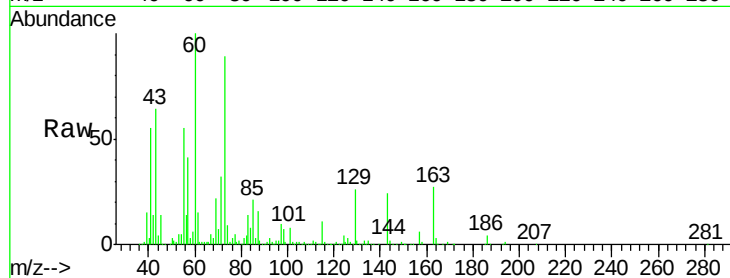
Tot Ion:163 Resp: 52925

Ion Ratio Lower Upper

163 100

194 4.3 4.2 6.2

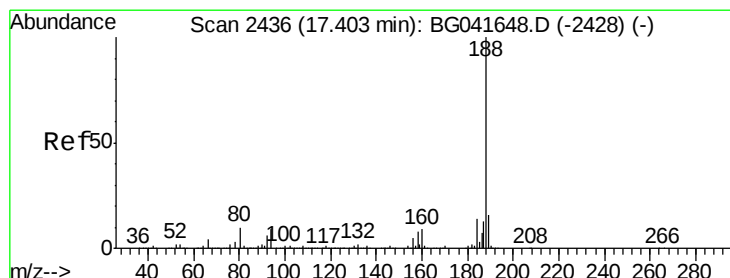
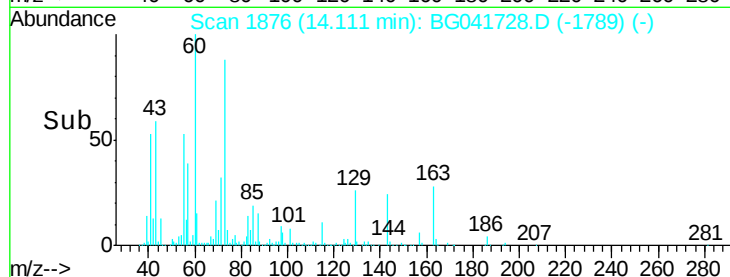
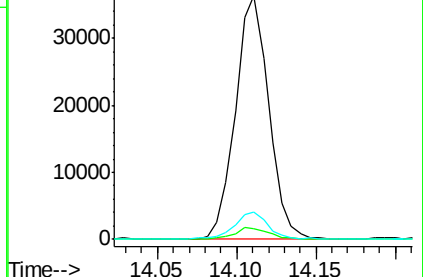
164 11.0 9.4 14.2



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: 17.41 min Scan# 2437

Delta R.T. -0.00 min

Lab File: BG041728.D

Acq: 19 Jul 2019 10:33

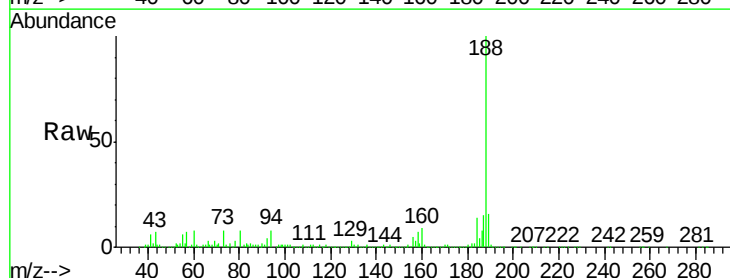
Tgt Ion:188 Resp: 639846

Ion Ratio Lower Upper

188 100

94 7.7 6.9 10.3

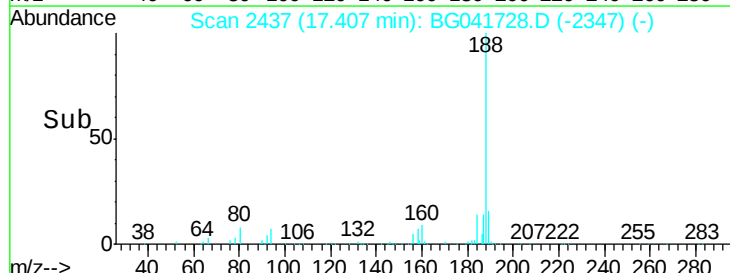
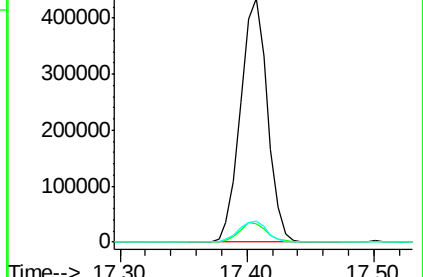
80 8.4 8.0 12.0

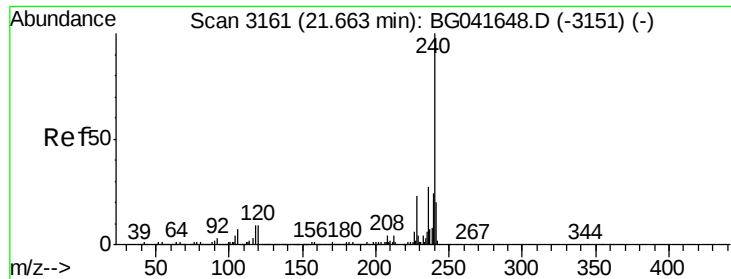


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.66 min Scan# 3160

Delta R.T. -0.01 min

Lab File: BG041728.D

Acq: 19 Jul 2019 10:33

Instrument :

BNA_G

ClientSampleId :

EFF-WW

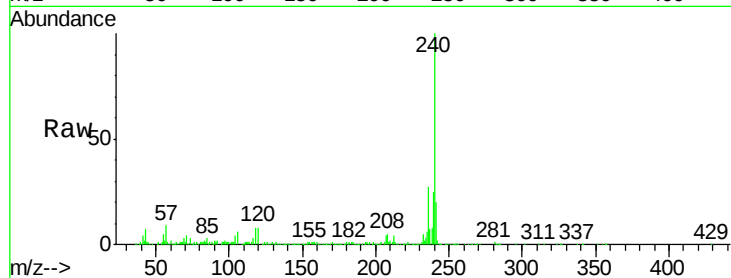
Tot Ion:240 Resp: 676725

Ion Ratio Lower Upper

240 100

120 8.4 8.0 12.0

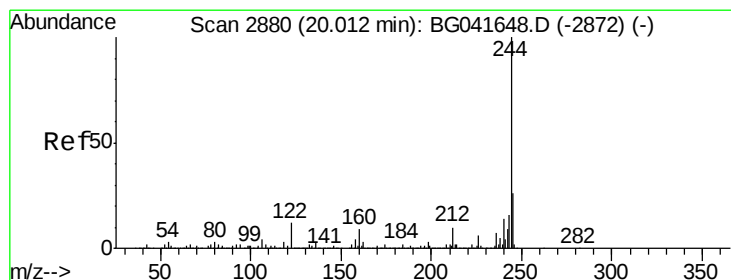
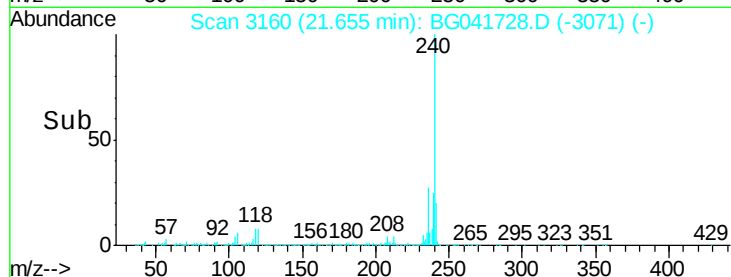
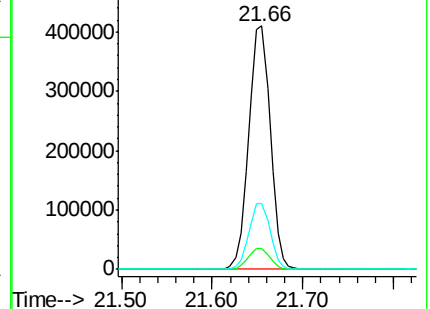
236 27.1 22.6 33.8



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: 55.331 ng

RT: 20.01 min Scan# 2880

Delta R.T. -0.00 min

Lab File: BG041728.D

Acq: 19 Jul 2019 10:33

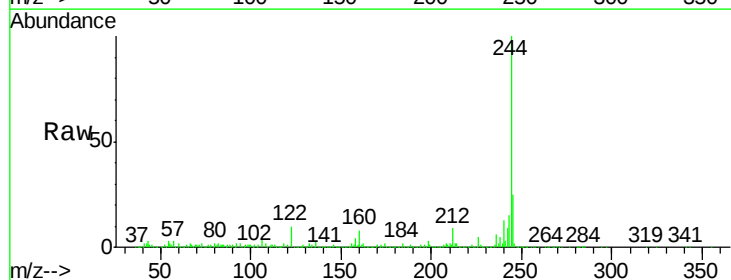
Tgt Ion:244 Resp: 1602301

Ion Ratio Lower Upper

244 100

212 9.1 9.7 14.5#

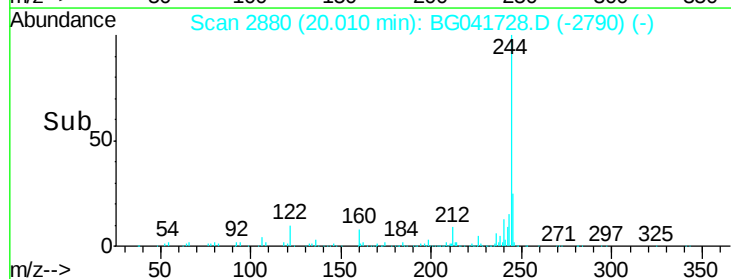
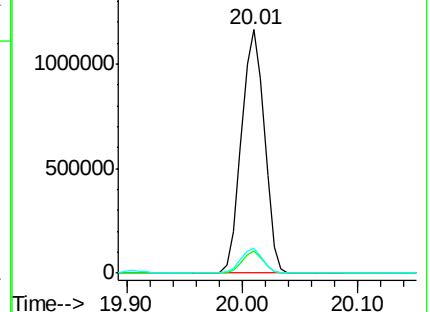
122 10.3 12.5 18.7#

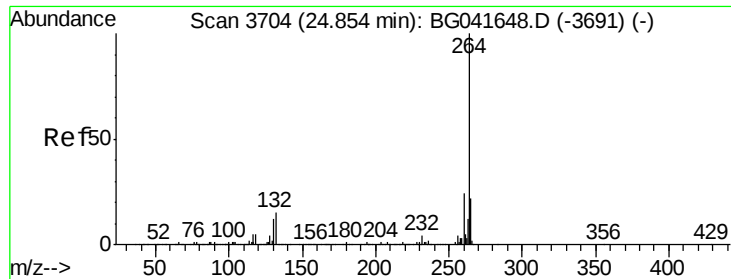


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.85 min Scan# 3703
 Delta R.T. -0.02 min
 Lab File: BG041728.D
 Acq: 19 Jul 2019 10:33

Instrument :
 BNA_G
 ClientSampleId :
 EFF-WW

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.5	29.3
265	22.4	18.0	27.0

