

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080119\
 Data File : BG041869.D
 Acq On : 1 Aug 2019 18:47
 Operator : HP/JU
 Sample : K4048-06
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OWL-C2-GW

Quant Time: Aug 02 03:23:56 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG072719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 31 08:57:26 2019
 Response via : Initial Calibration

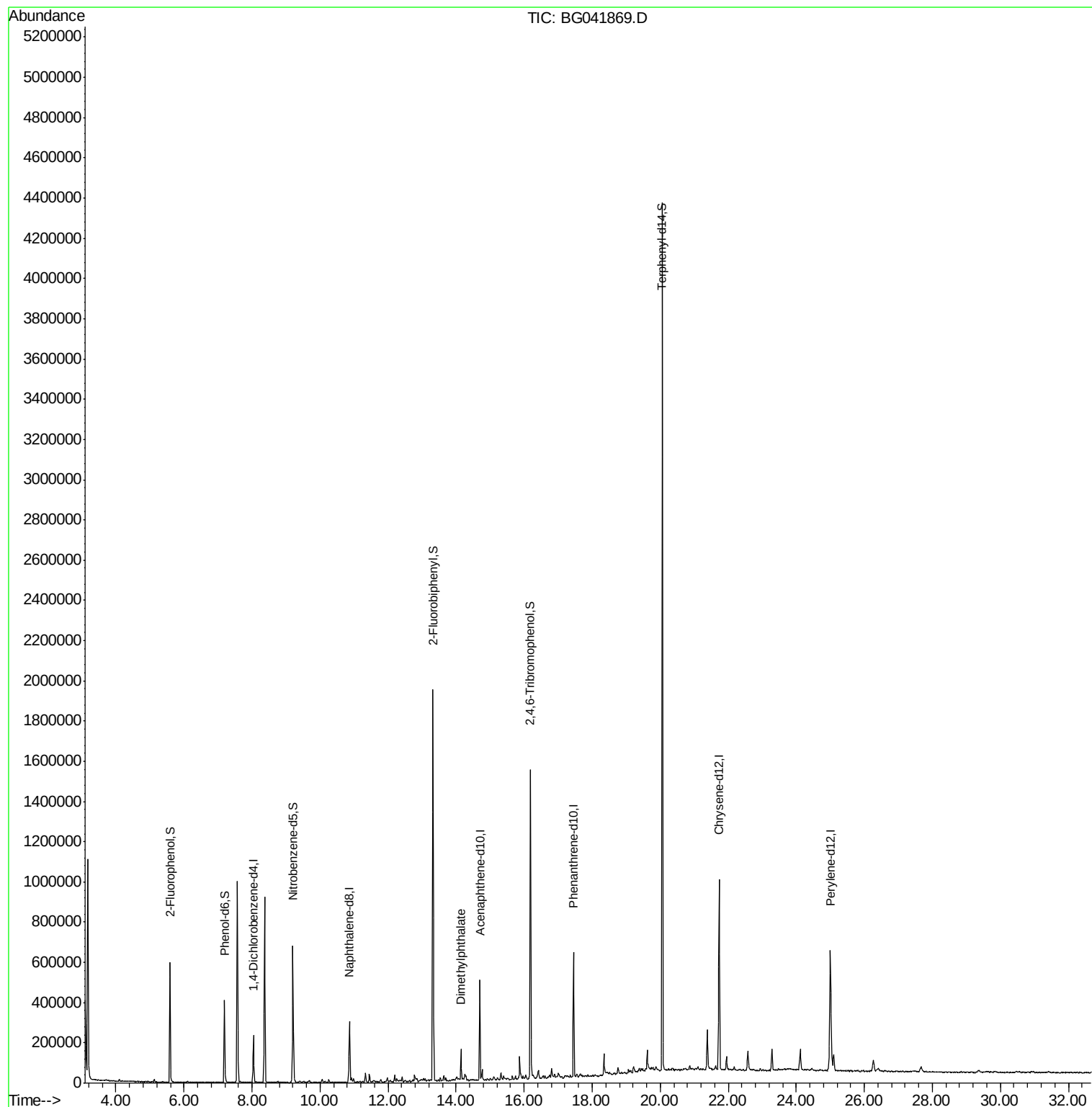
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	72754	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	270632	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	182552	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	417363	20.00	ng	0.00
76) Chrysene-d12	21.73	240	576521	20.00	ng	0.00
87) Perylene-d12	25.00	264	687936	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	273087	73.03	ng	0.00
7) Phenol-d6	7.19	99	238329	47.28	ng	0.00
23) Nitrobenzene-d5	9.20	82	419779	106.74	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	319471	154.07	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	1085477	104.87	ng	0.00
79) Terphenyl-d14	20.06	244	1988476	78.92	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.14	163	111746	8.963	ng	Qvalue 97

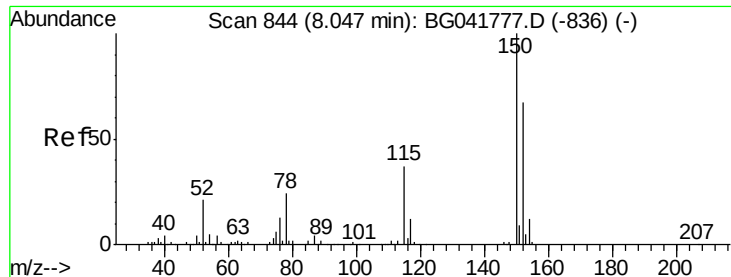
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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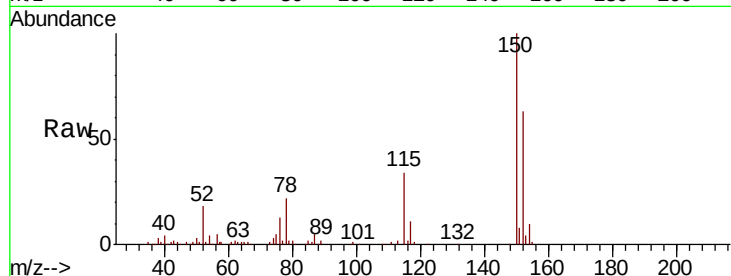


#1

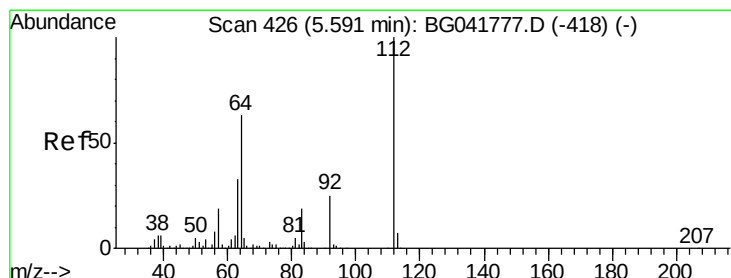
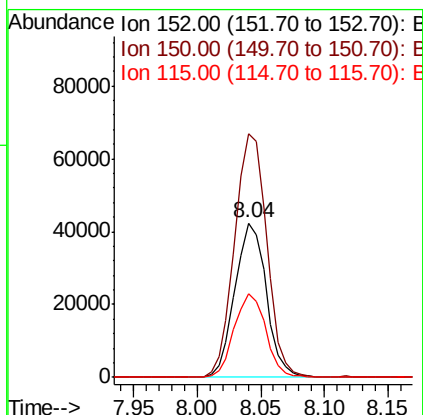
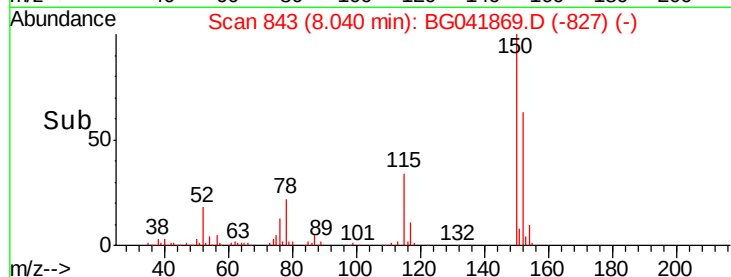
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.01 min
Lab File: BG041869.D
Acq: 1 Aug 2019 18:47

Instrument :
BNA_G
ClientSampleId :
OWL-C2-GW

Tot Ion:152 Resp: 72754
Ion Ratio Lower Upper
152 100
150 158.0 126.9 190.3
115 54.1 45.0 67.6



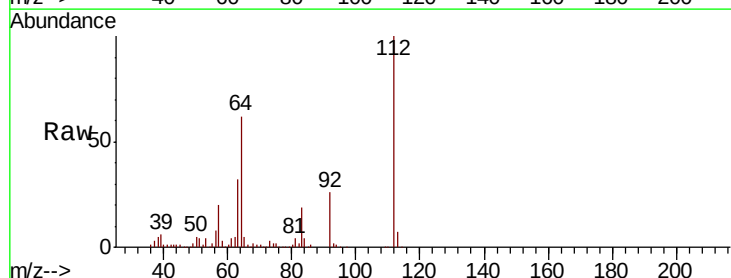
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



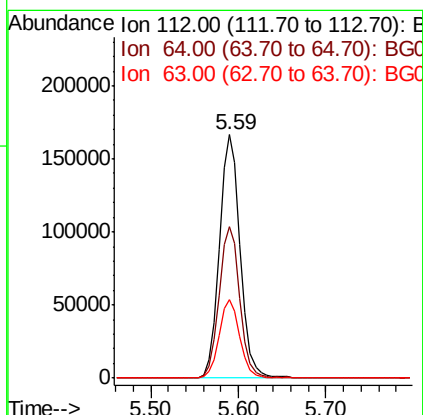
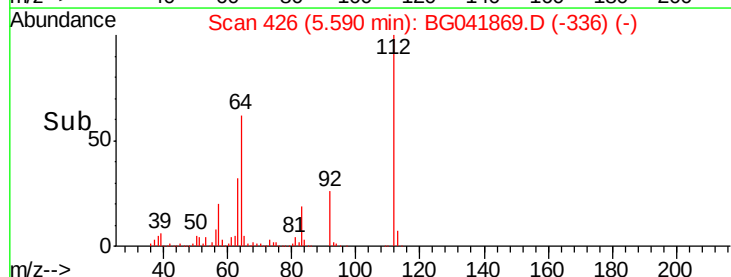
#5

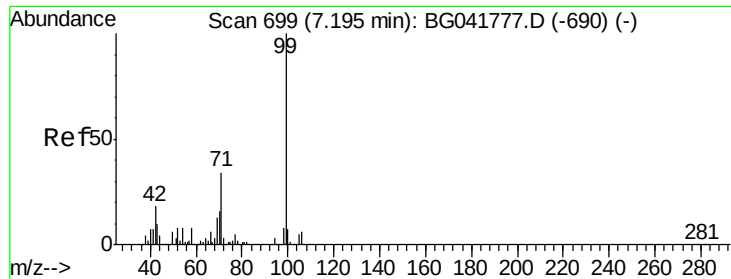
2-Fluorophenol
Concen: 73.030 ng
RT: 5.59 min Scan# 426
Delta R.T. -0.00 min
Lab File: BG041869.D
Acq: 1 Aug 2019 18:47

Tgt Ion:112 Resp: 273087
Ion Ratio Lower Upper
112 100
64 62.3 55.4 83.2
63 32.4 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: 47.276 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG041869.D

Acq: 1 Aug 2019 18:47

Instrument :

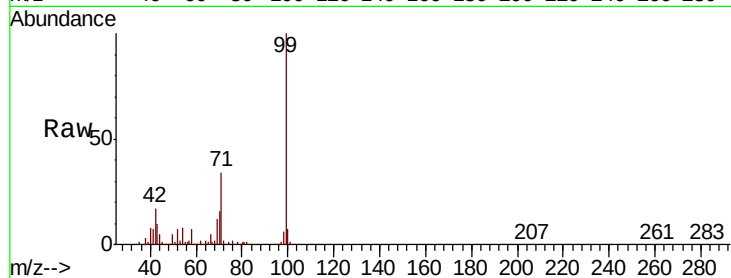
BNA_G

ClientSampleId :

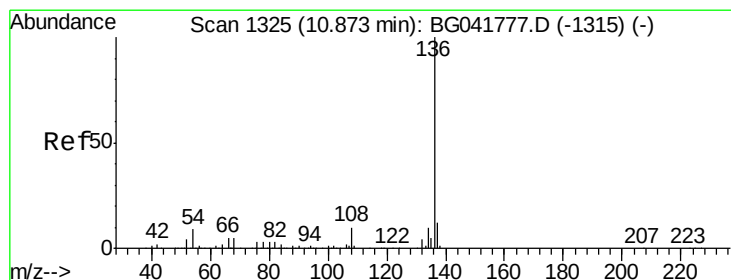
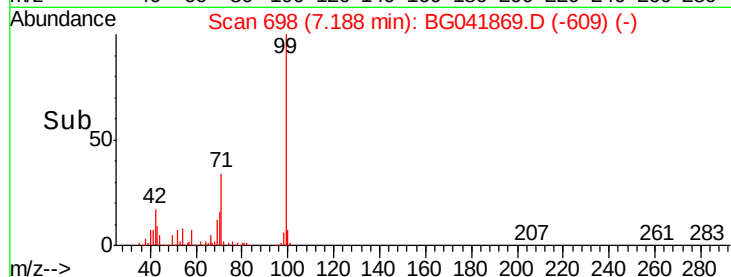
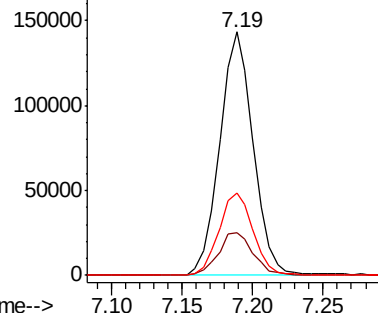
OWL-C2-GW

Tot Ion: 99 Resp: 238329

Ion	Ratio	Lower	Upper
99	100		
42	17.5	17.6	26.4#
71	34.0	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: 10.87 min Scan# 1324

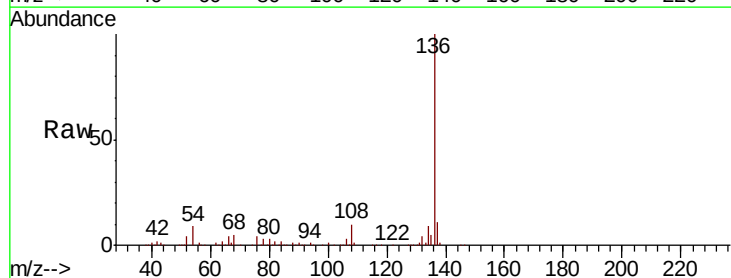
Delta R.T. -0.01 min

Lab File: BG041869.D

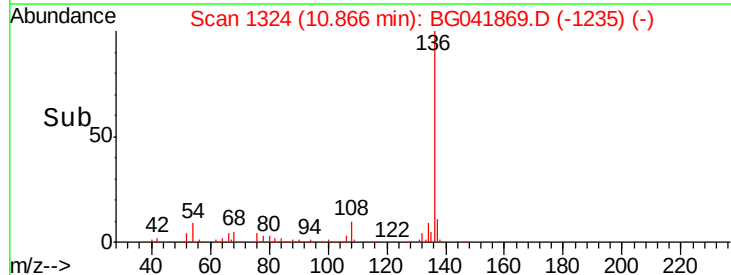
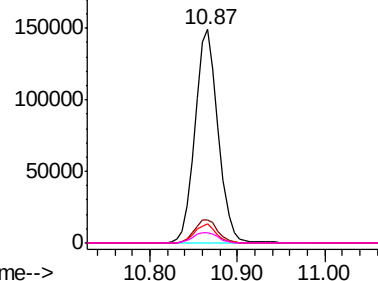
Acq: 1 Aug 2019 18:47

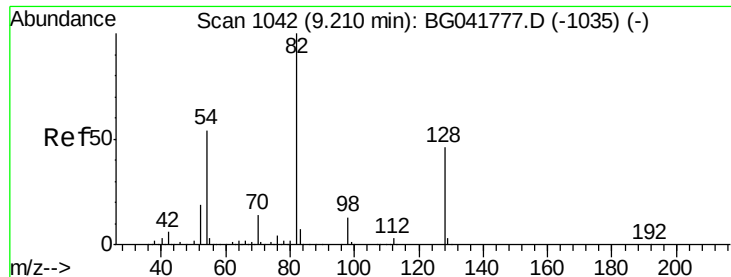
Tgt Ion: 136 Resp: 270632

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.2	13.8
54	9.0	8.7	13.1
68	5.0	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: 106.741 ng

RT: 9.20 min Scan# 1041

Delta R.T. -0.01 min

Lab File: BG041869.D

Acq: 1 Aug 2019 18:47

Instrument :

BNA_G

ClientSampleId :

OWL-C2-GW

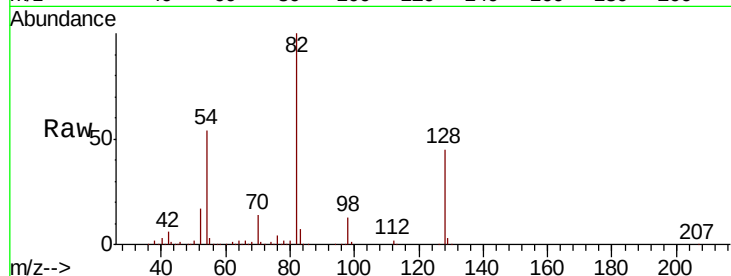
Tot Ion: 82 Resp: 419779

Ion Ratio Lower Upper

82 100

128 44.6 35.1 52.7

54 54.2 48.7 73.1

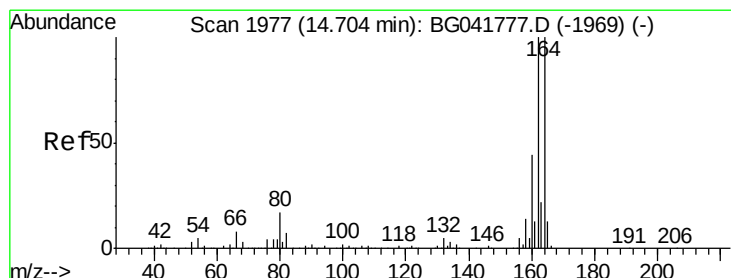
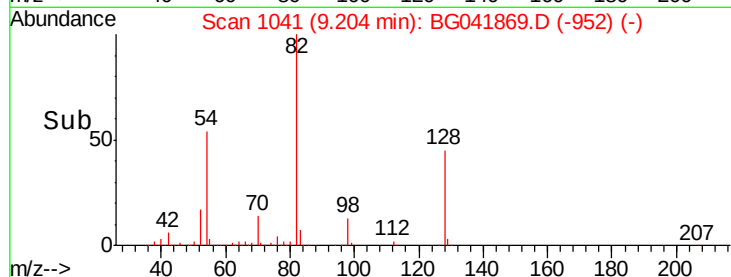
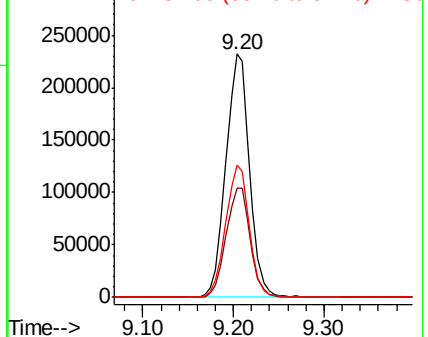


Abundance

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: 14.70 min Scan# 1976

Delta R.T. -0.01 min

Lab File: BG041869.D

Acq: 1 Aug 2019 18:47

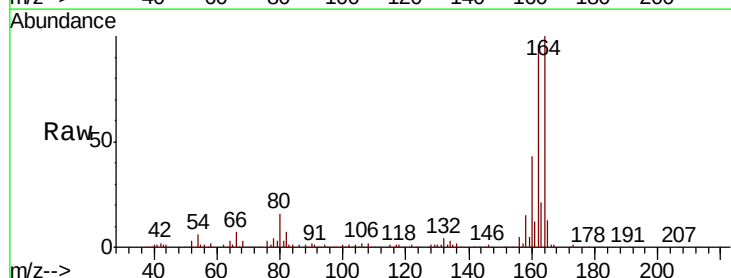
Tgt Ion:164 Resp: 182552

Ion Ratio Lower Upper

164 100

162 96.4 79.6 119.4

160 43.4 35.4 53.0

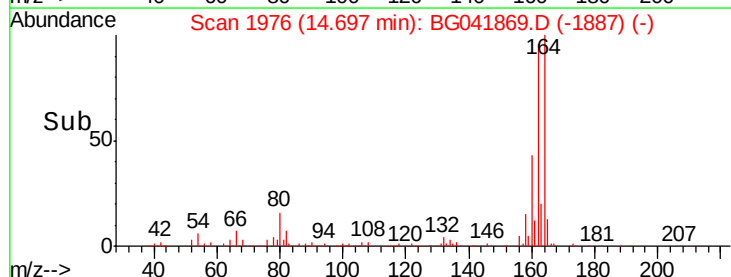
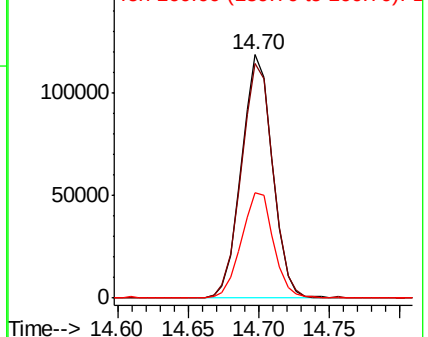


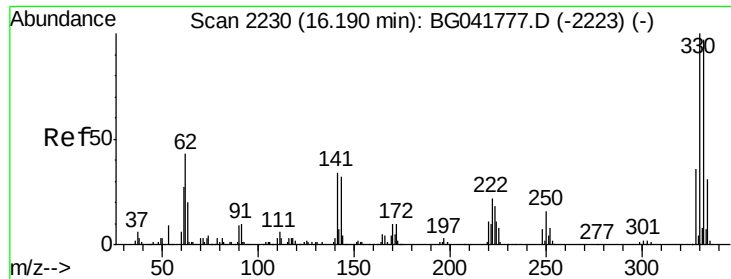
Abundance

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: 154.070 ng

RT: 16.19 min Scan# 2230

Delta R.T. -0.00 min

Lab File: BG041869.D

Acq: 1 Aug 2019 18:47

Instrument :

BNA_G

ClientSampleId :

OWL-C2-GW

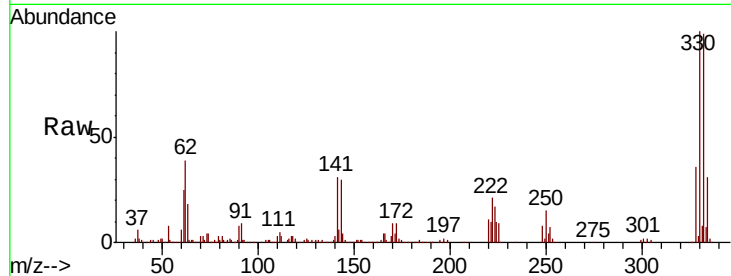
Tot Ion:330 Resp: 319471

Ion Ratio Lower Upper

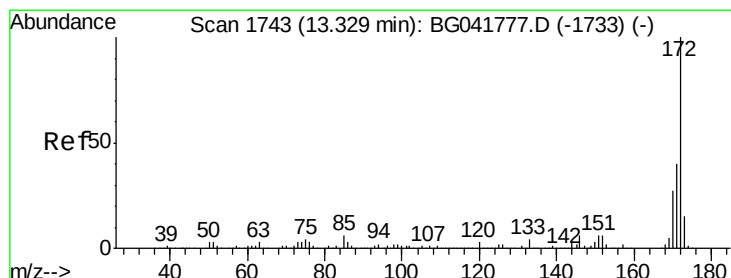
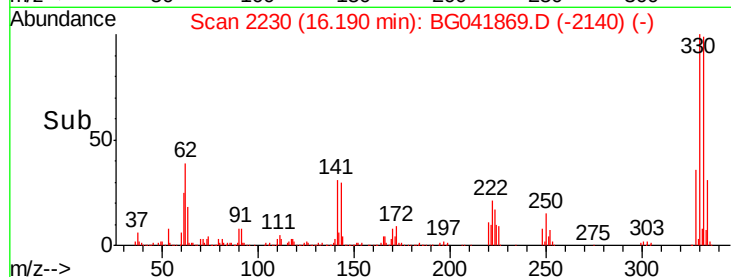
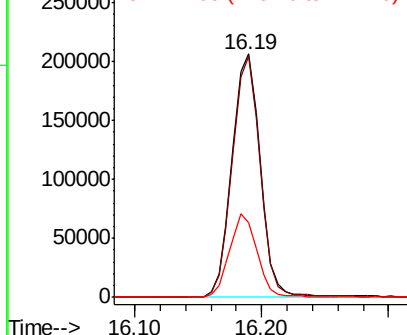
330 100

332 97.1 77.4 116.0

141 33.7 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: 104.873 ng

RT: 13.32 min Scan# 1742

Delta R.T. -0.01 min

Lab File: BG041869.D

Acq: 1 Aug 2019 18:47

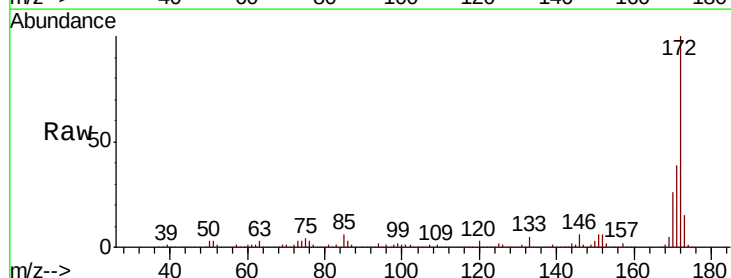
Tgt Ion:172 Resp: 1085477

Ion Ratio Lower Upper

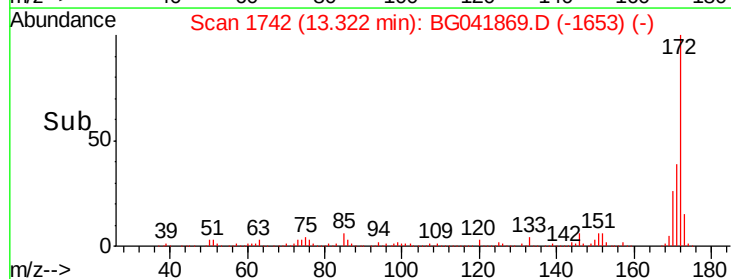
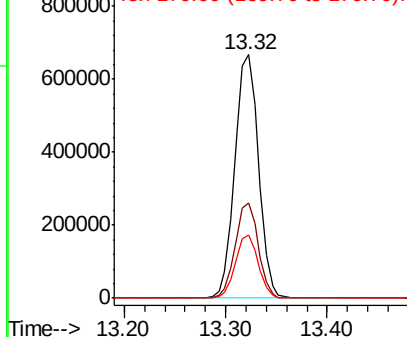
172 100

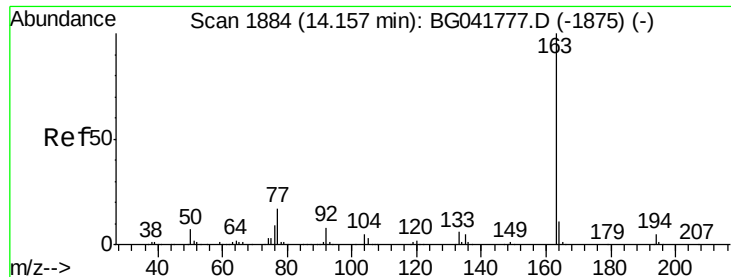
171 39.2 35.0 52.4

170 26.1 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: 8.963 ng

RT: 14.14 min Scan# 1882

Delta R.T. -0.01 min

Lab File: BG041869.D

Acq: 1 Aug 2019 18:47

Instrument :

BNA_G

ClientSampleId :

OWL-C2-GW

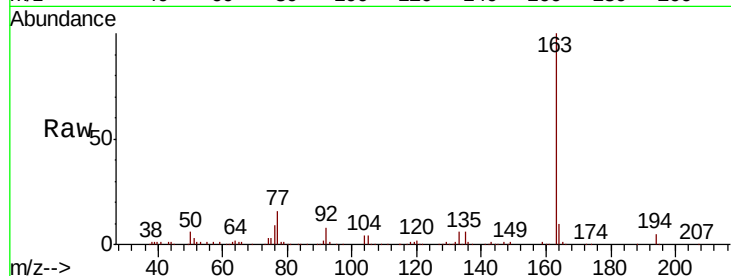
Tot Ion:163 Resp: 111746

Ion Ratio Lower Upper

163 100

194 5.2 4.2 6.2

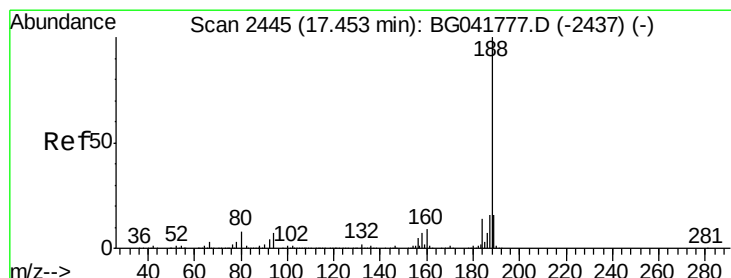
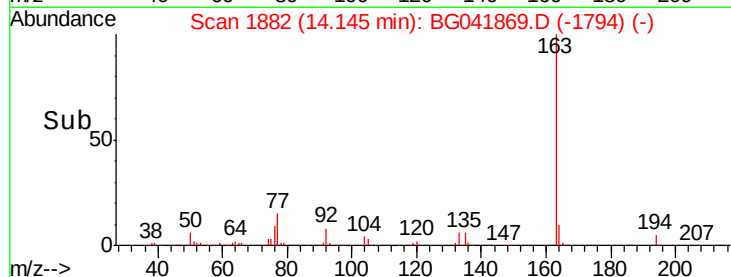
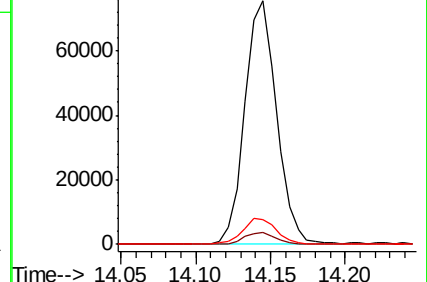
164 10.1 9.4 14.2



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: 17.45 min Scan# 2444

Delta R.T. -0.01 min

Lab File: BG041869.D

Acq: 1 Aug 2019 18:47

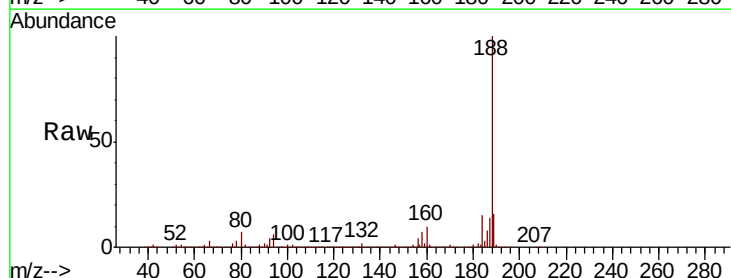
Tgt Ion:188 Resp: 417363

Ion Ratio Lower Upper

188 100

94 6.4 6.9 10.3#

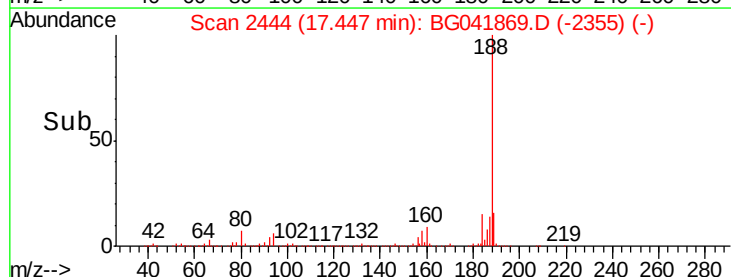
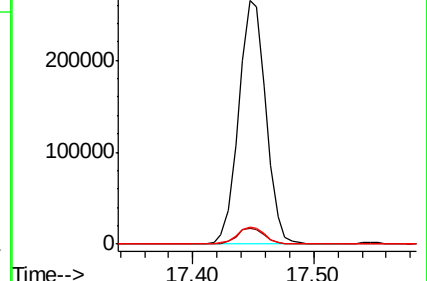
80 7.1 8.0 12.0#

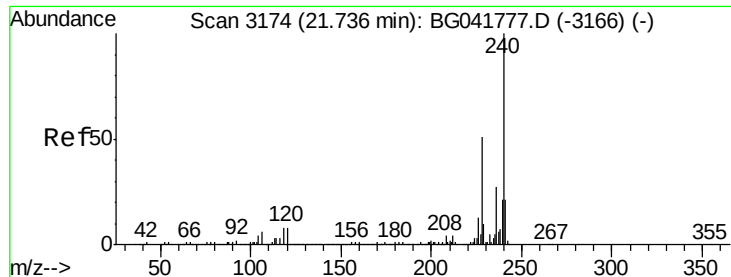


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

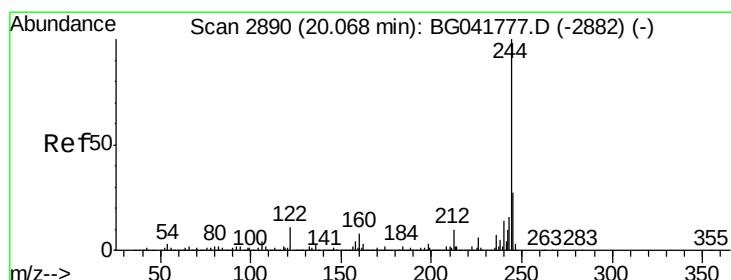
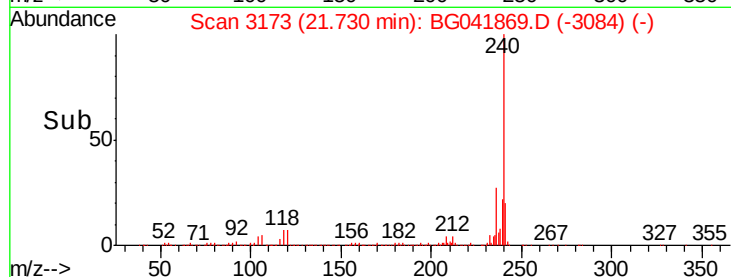
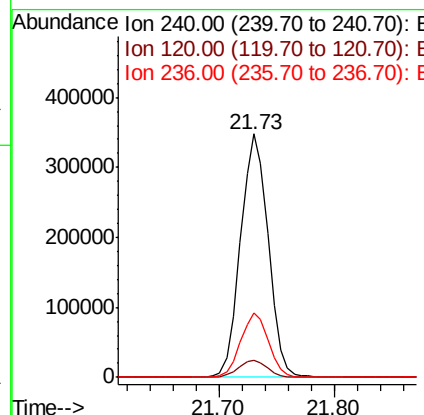
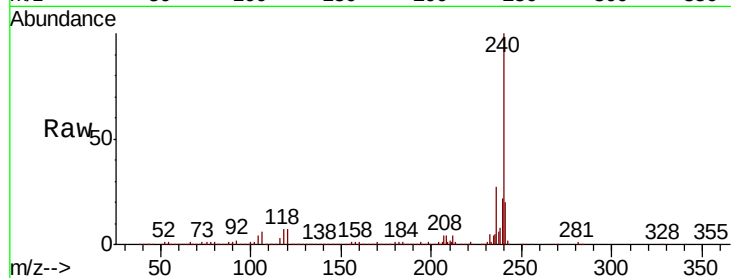




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.73 min Scan# 3173
 Delta R.T. -0.01 min
 Lab File: BG041869.D
 Acq: 1 Aug 2019 18:47

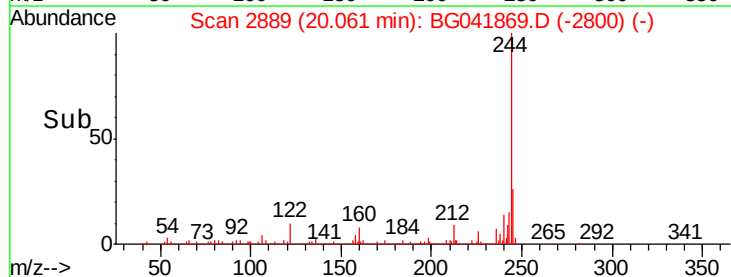
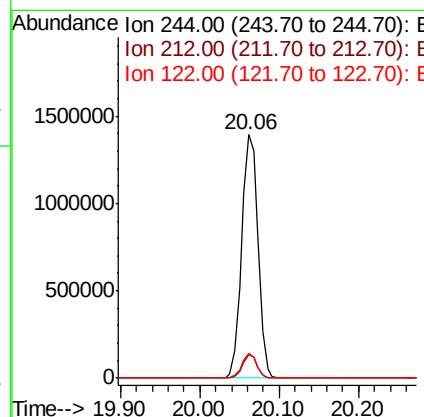
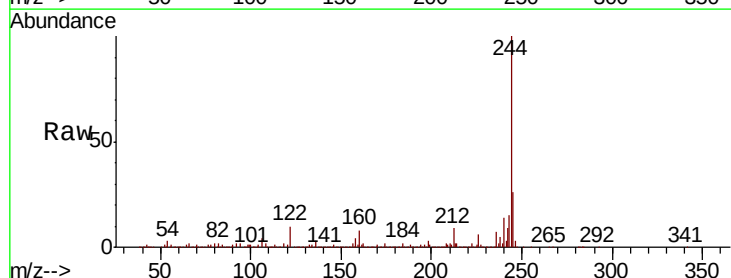
Instrument :
 BNA_G
 ClientSampleId :
 OWL-C2-GW

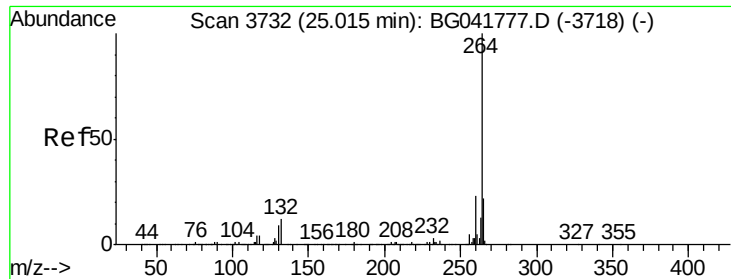
Tot Ion:240 Resp: 576521
 Ion Ratio Lower Upper
 240 100
 120 7.1 8.0 12.0#
 236 26.6 22.6 33.8



#79
 Terphenyl-d14
 Concen: 78.924 ng
 RT: 20.06 min Scan# 2889
 Delta R.T. -0.01 min
 Lab File: BG041869.D
 Acq: 1 Aug 2019 18:47

Tgt Ion:244 Resp: 1988476
 Ion Ratio Lower Upper
 244 100
 212 9.5 9.7 14.5#
 122 10.1 12.5 18.7#





#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.00 min Scan# 3730
Delta R.T. -0.01 min
Lab File: BG041869.D
Acq: 1 Aug 2019 18:47

Instrument :
BNA_G
ClientSampleId :
OWL-C2-GW

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.5	29.3
265	22.2	18.0	27.0

