

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG021720\
 Data File : BG044458.D
 Acq On : 17 Feb 2020 22:16
 Operator : CG/JU
 Sample : L1547-14
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MARCY-GREEN-BH-03-B

Quant Time: Feb 18 06:30:26 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 10 16:11:50 2020
 Response via : Initial Calibration

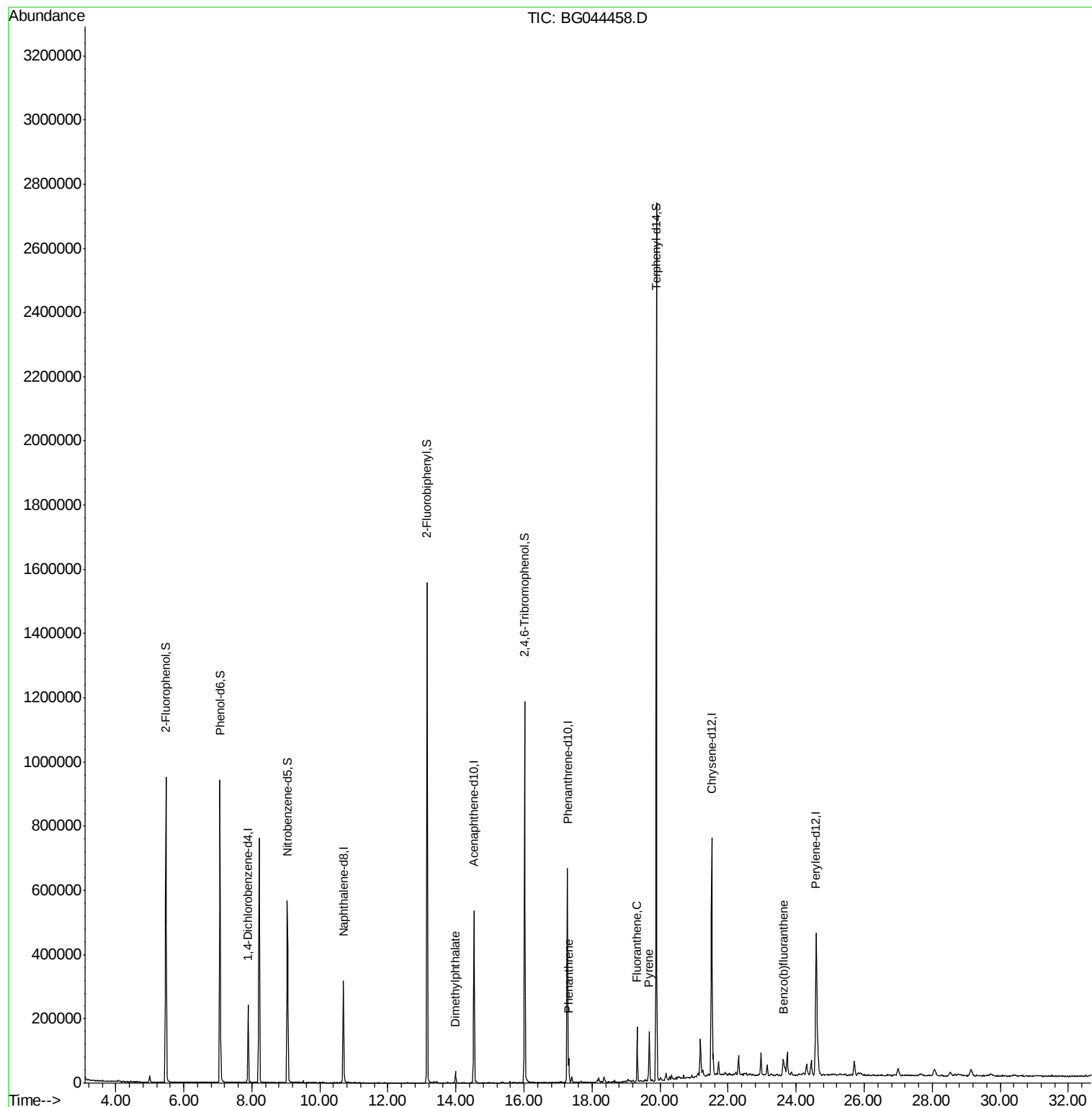
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	76991	20.00	ng	-0.01
21) Naphthalene-d8	10.69	136	309961	20.00	ng	-0.01
39) Acenaphthene-d10	14.53	164	198669	20.00	ng	-0.01
64) Phenanthrene-d10	17.27	188	434758	20.00	ng	-0.01
76) Chrysene-d12	21.52	240	430805	20.00	ng	-0.02
87) Perylene-d12	24.59	264	451638	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	475884	109.09	ng	0.00
7) Phenol-d6	7.06	99	622080	106.19	ng	-0.01
23) Nitrobenzene-d5	9.04	82	372498	67.85	ng	-0.02
42) 2,4,6-Tribromophenol	16.02	330	244917	105.01	ng	-0.01
45) 2-Fluorobiphenyl	13.15	172	865160	72.92	ng	-0.01
79) Terphenyl-d14	19.89	244	1327199	63.37	ng	-0.01
Target Compounds						Qvalue
50) Dimethylphthalate	13.98	163	31304	2.19	ng	99
71) Phenanthrene	17.32	178	50079	2.38	ng	94
75) Fluoranthene	19.32	202	104675	4.30	ng	97
78) Pyrene	19.68	202	99728	3.60	ng	94
88) Benzo(b)fluoranthene	23.62	252	59787	2.30	ng	# 96

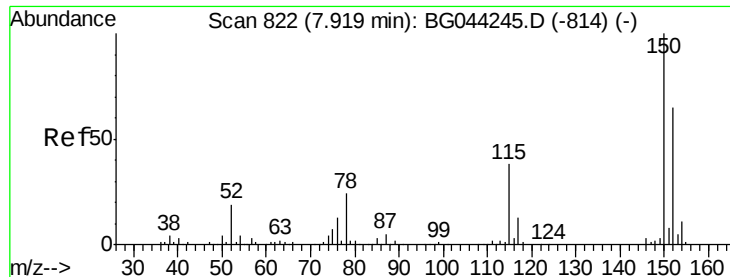
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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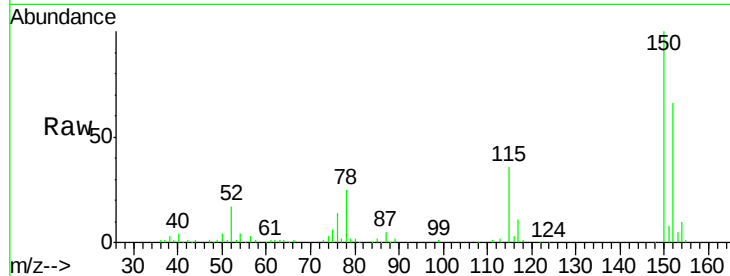


#1

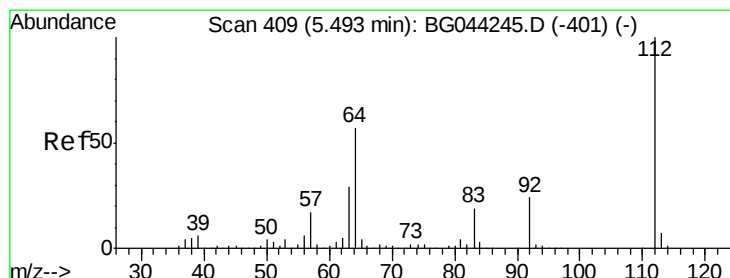
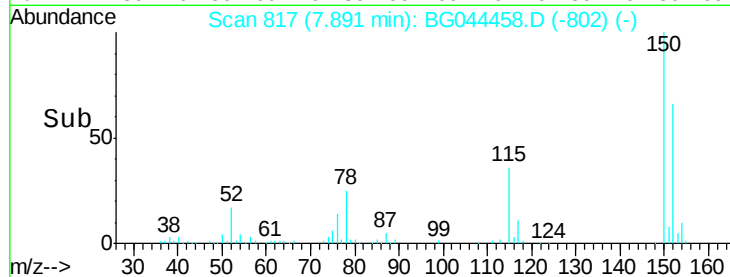
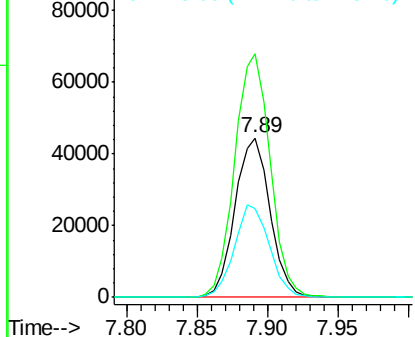
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BG044458.D
Acq: 17 Feb 2020 22:16

Instrument :
BNA_G
ClientSampleId :
MARCY-GREEN-BH-03-B

Tgt Ion:152 Resp: 76991
Ion Ratio Lower Upper
152 100
150 152.7 122.6 183.8
115 55.4 46.0 69.0



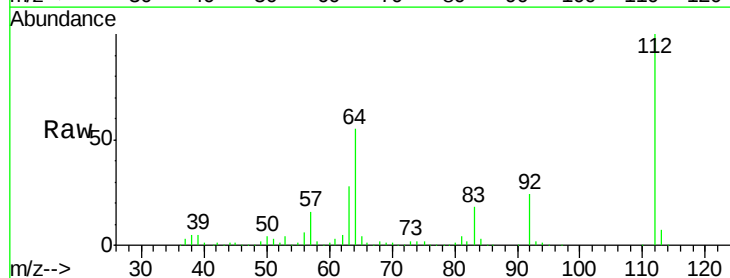
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



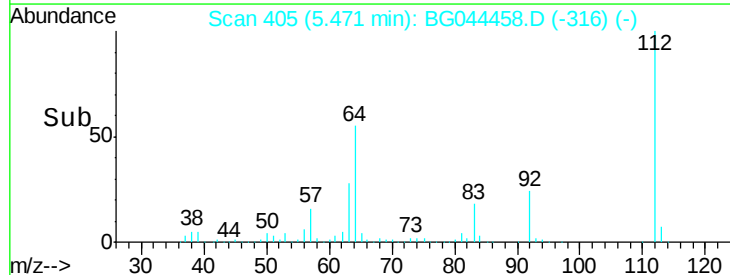
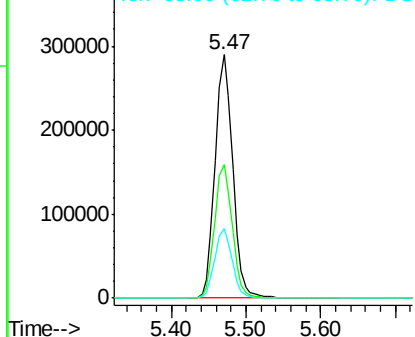
#5

2-Fluorophenol
Concen: 109.09 ng
RT: 5.47 min Scan# 405
Delta R.T. -0.01 min
Lab File: BG044458.D
Acq: 17 Feb 2020 22:16

Tgt Ion:112 Resp: 475884
Ion Ratio Lower Upper
112 100
64 54.6 45.4 68.2
63 28.4 22.9 34.3



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: 106.19 ng

RT: 7.06 min Scan# 676

Delta R.T. -0.01 min

Lab File: BG044458.D

Acq: 17 Feb 2020 22:16

Instrument :

BNA_G

ClientSampleId :

MARCY-GREEN-BH-03-B

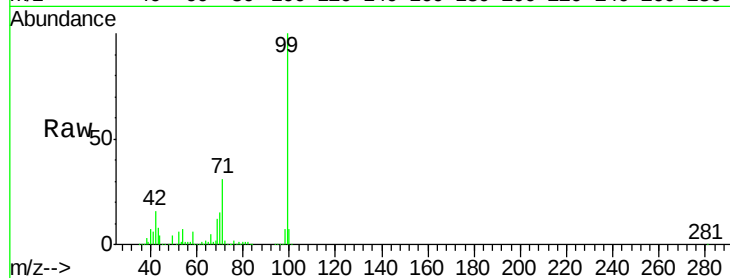
Tgt Ion: 99 Resp: 622080

Ion Ratio Lower Upper

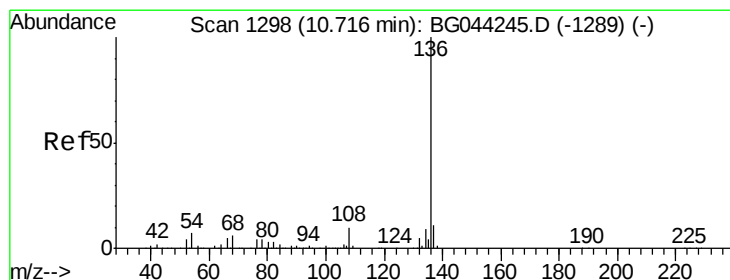
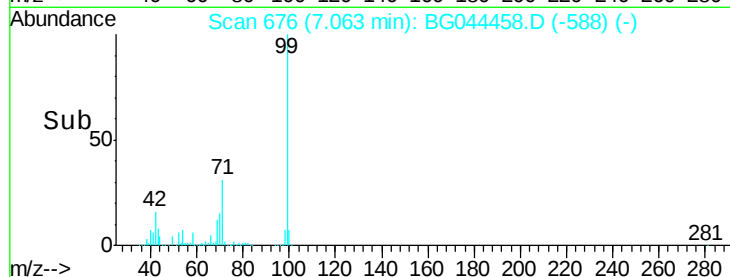
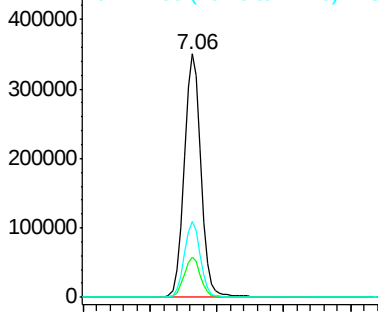
99 100

42 16.5 13.8 20.6

71 31.4 25.5 38.3



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: 20.00 ng

RT: 10.69 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BG044458.D

Acq: 17 Feb 2020 22:16

Tgt Ion: 136 Resp: 309961

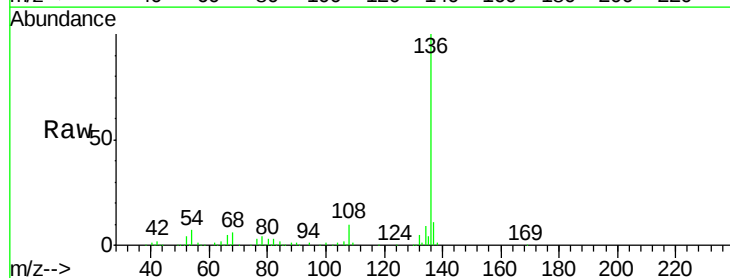
Ion Ratio Lower Upper

136 100

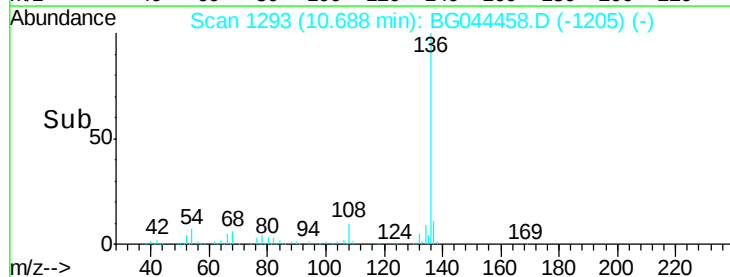
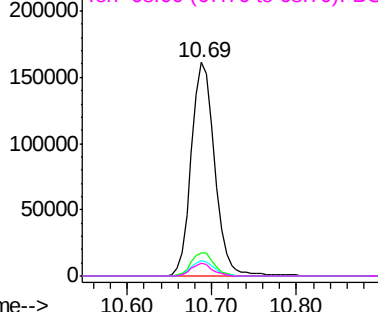
137 10.7 8.8 13.2

54 7.4 5.8 8.8

68 5.9 4.6 6.8



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

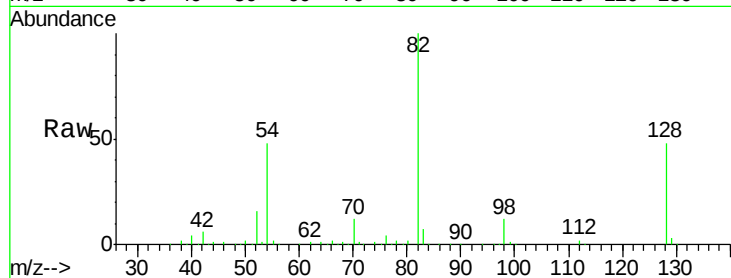




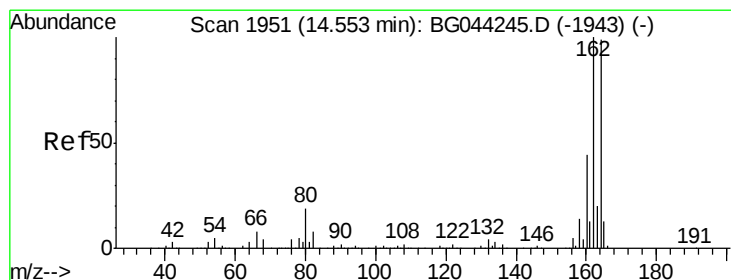
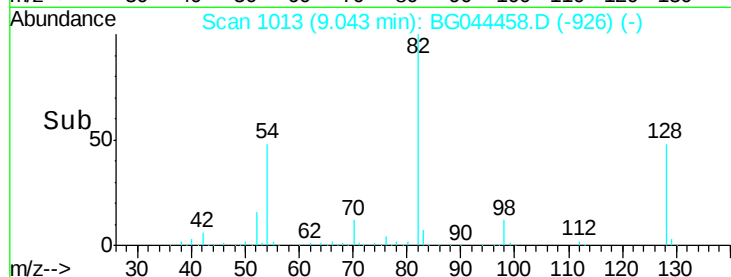
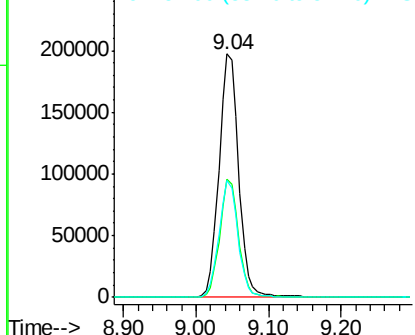
#23
 Nitrobenzene-d5
 Concen: 67.85 ng
 RT: 9.04 min Scan# 1013
 Delta R.T. -0.02 min
 Lab File: BG044458.D
 Acq: 17 Feb 2020 22:16

Instrument :
 BNA_G
 ClientSampleId :
 MARCY-GREEN-BH-03-B

Tgt Ion	Ratio	Lower	Upper
82	100		
128	48.5	36.5	54.7
54	48.2	38.6	58.0

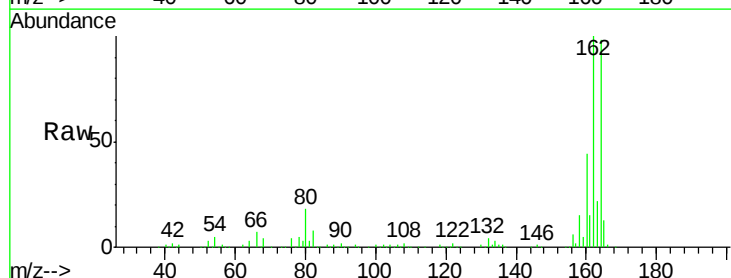


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

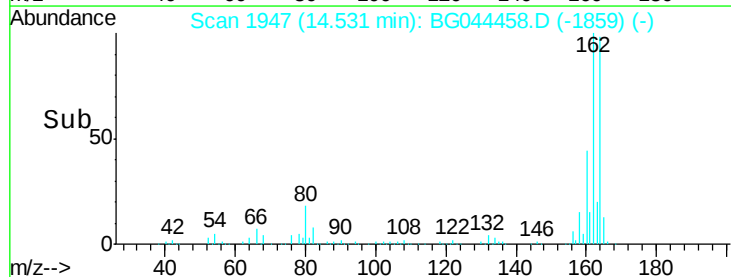
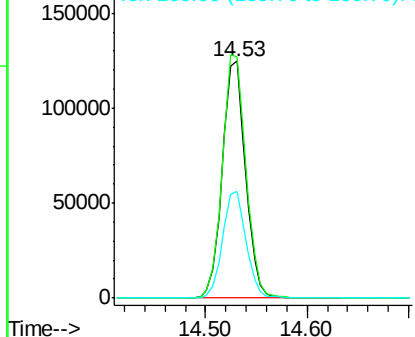


#39
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.53 min Scan# 1947
 Delta R.T. -0.01 min
 Lab File: BG044458.D
 Acq: 17 Feb 2020 22:16

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.9	80.7	121.1
160	45.0	35.3	52.9



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: 105.01 ng

RT: 16.02 min Scan# 2200

Delta R.T. -0.01 min

Lab File: BG044458.D

Acq: 17 Feb 2020 22:16

Instrument :

BNA_G

ClientSampleId :

MARCY-GREEN-BH-03-B

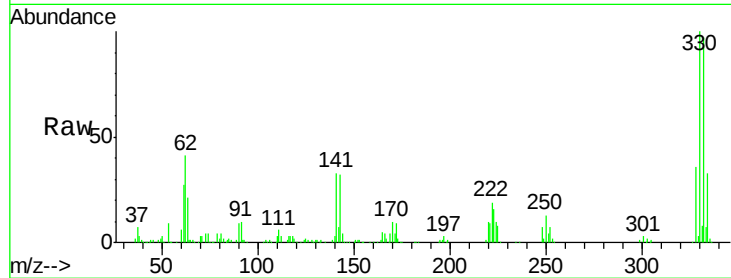
Tgt Ion:330 Resp: 244917

Ion Ratio Lower Upper

330 100

332 95.6 77.2 115.8

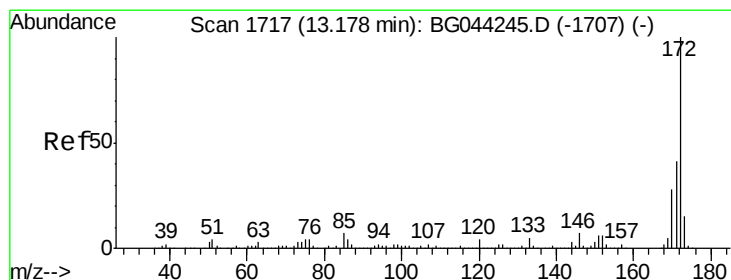
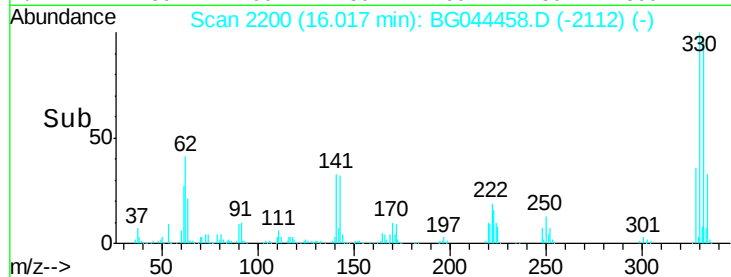
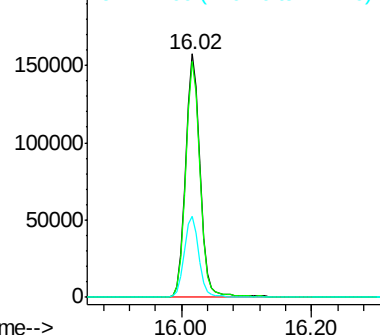
141 33.5 28.3 42.5



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: 72.92 ng

RT: 13.15 min Scan# 1712

Delta R.T. -0.01 min

Lab File: BG044458.D

Acq: 17 Feb 2020 22:16

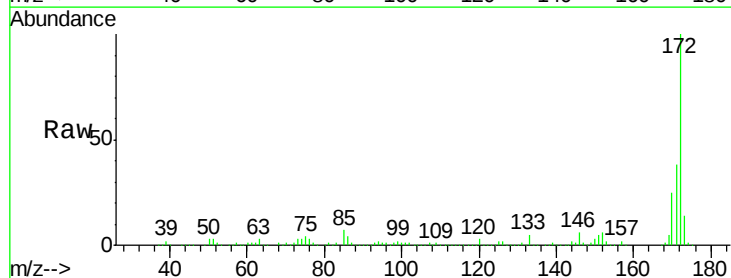
Tgt Ion:172 Resp: 865160

Ion Ratio Lower Upper

172 100

171 37.9 32.9 49.3

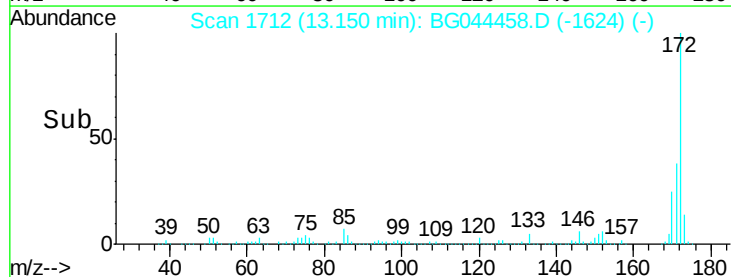
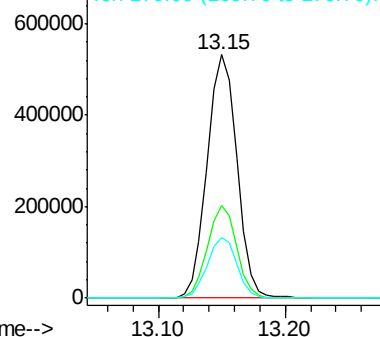
170 25.0 22.0 33.0



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: 2.19 ng

RT: 13.98 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BG044458.D

Acq: 17 Feb 2020 22:16

Instrument :

BNA_G

ClientSampleId :

MARCY-GREEN-BH-03-B

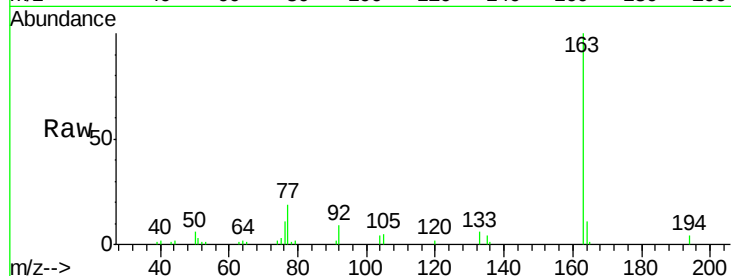
Tgt Ion:163 Resp: 31304

Ion Ratio Lower Upper

163 100

194 4.3 3.6 5.4

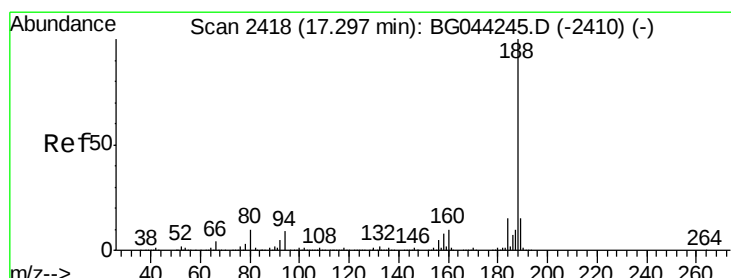
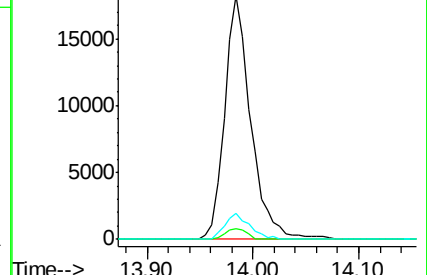
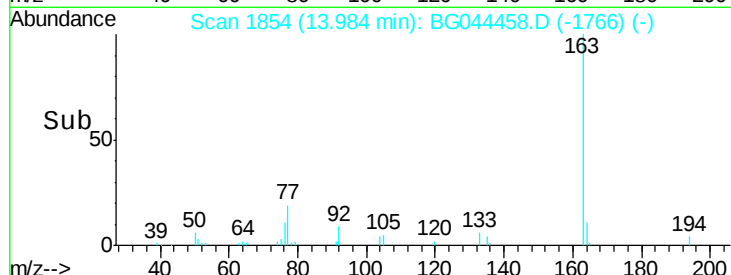
164 10.6 8.7 13.1



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: 20.00 ng

RT: 17.27 min Scan# 2414

Delta R.T. -0.01 min

Lab File: BG044458.D

Acq: 17 Feb 2020 22:16

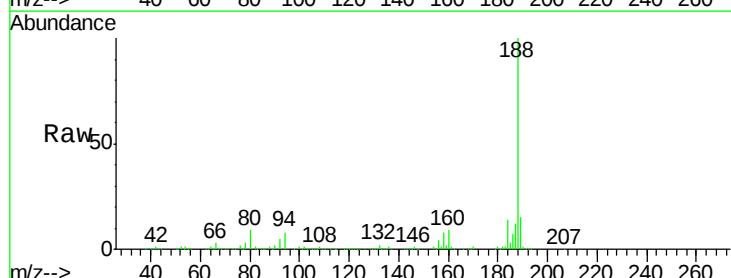
Tgt Ion:188 Resp: 434758

Ion Ratio Lower Upper

188 100

94 8.4 7.4 11.2

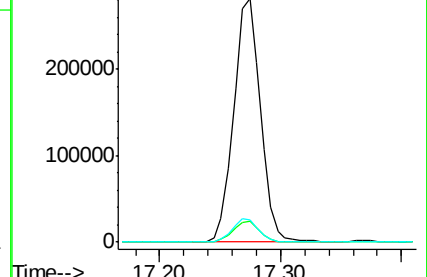
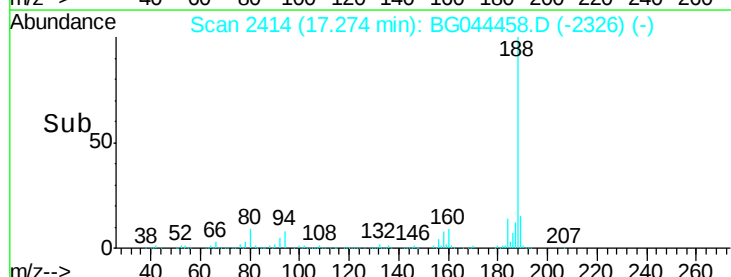
80 8.9 7.7 11.5

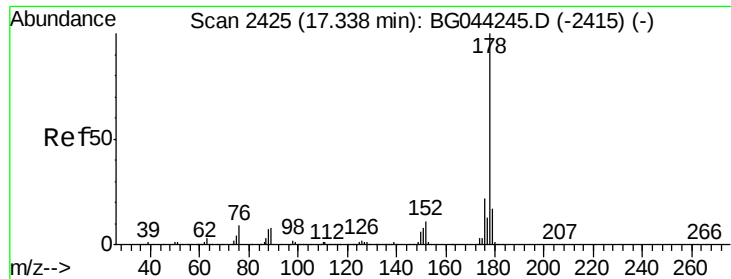


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

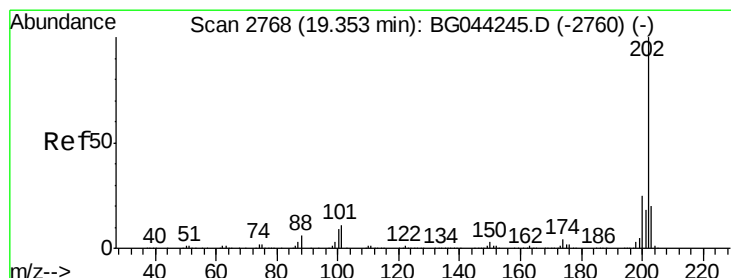
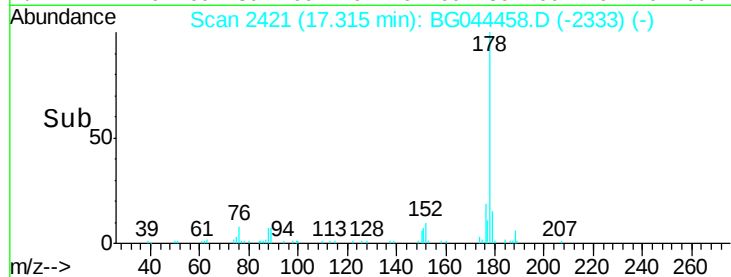
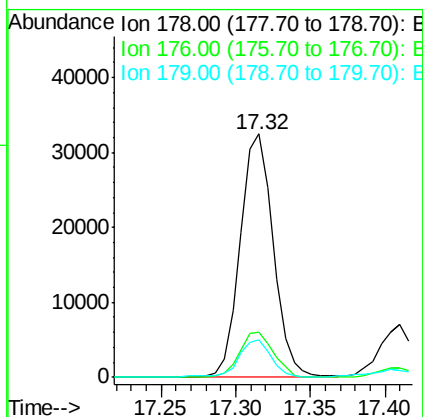
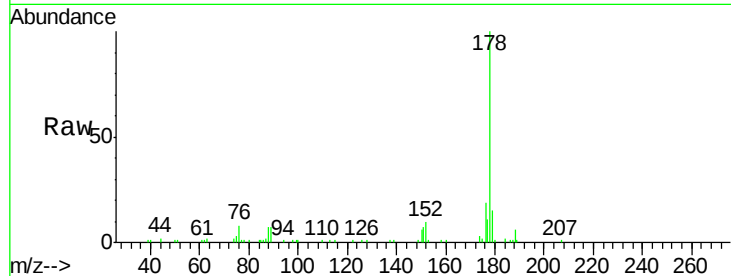




#71
Phenanthrene
Concen: 2.38 ng
RT: 17.32 min Scan# 2421
Delta R.T. -0.01 min
Lab File: BG044458.D
Acq: 17 Feb 2020 22:16

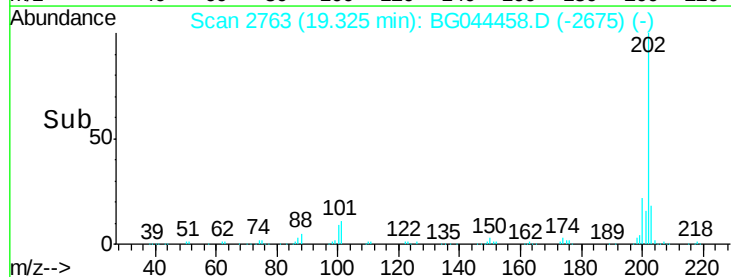
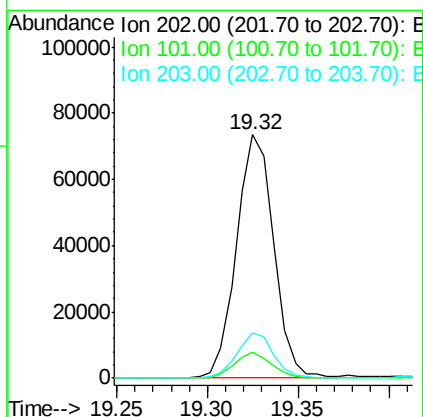
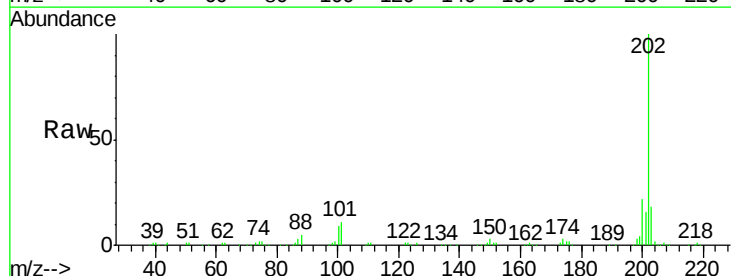
Instrument :
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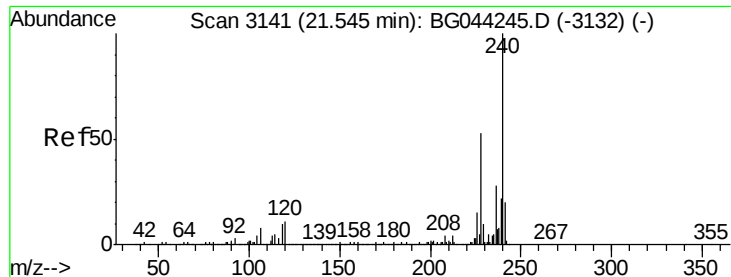
Tgt Ion:178 Resp: 50079
Ion Ratio Lower Upper
178 100
176 18.5 17.7 26.5
179 15.2 13.7 20.5



#75
Fluoranthene
Concen: 4.30 ng
RT: 19.32 min Scan# 2763
Delta R.T. -0.01 min
Lab File: BG044458.D
Acq: 17 Feb 2020 22:16

Tgt Ion:202 Resp: 104675
Ion Ratio Lower Upper
202 100
101 10.8 0.0 31.3
203 18.4 0.0 39.9





#76

Chrysene-d12

Concen: 20.00 ng

RT: 21.52 min Scan# 3136

Delta R.T. -0.02 min

Lab File: BG044458.D

Acq: 17 Feb 2020 22:16

Instrument :

BNA_G

ClientSampleId :

MARCY-GREEN-BH-03-B

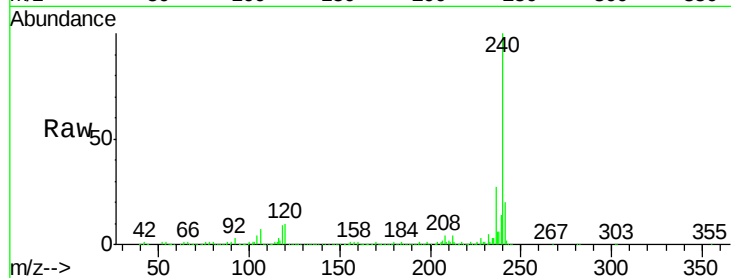
Tgt Ion:240 Resp: 430805

Ion Ratio Lower Upper

240 100

120 10.1 8.4 12.6

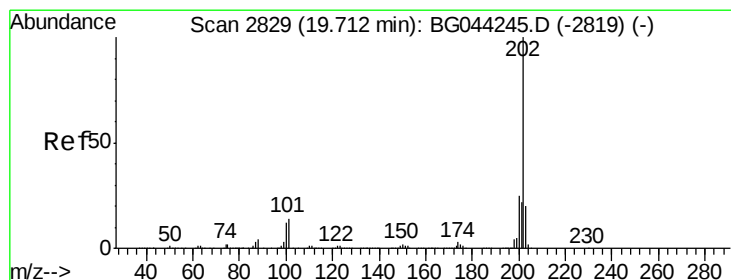
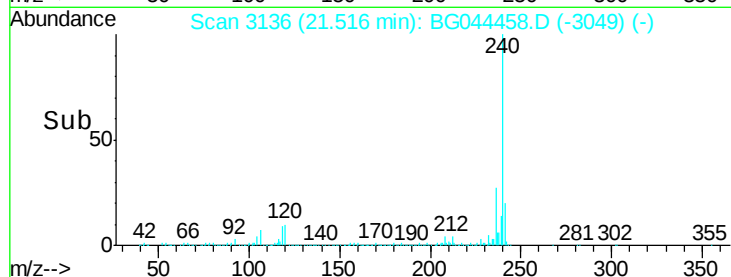
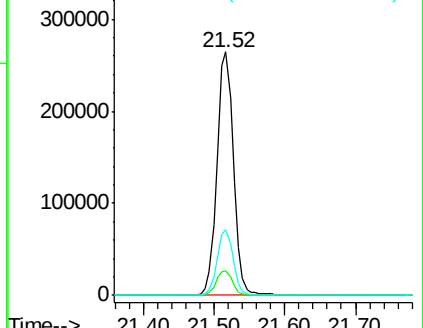
236 26.8 22.1 33.1



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



#78

Pyrene

Concen: 3.60 ng

RT: 19.68 min Scan# 2824

Delta R.T. -0.02 min

Lab File: BG044458.D

Acq: 17 Feb 2020 22:16

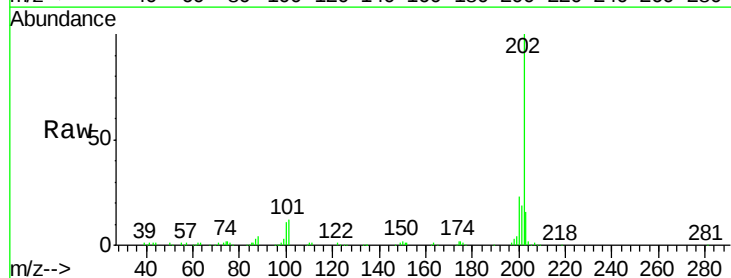
Tgt Ion:202 Resp: 99728

Ion Ratio Lower Upper

202 100

200 22.6 20.0 30.0

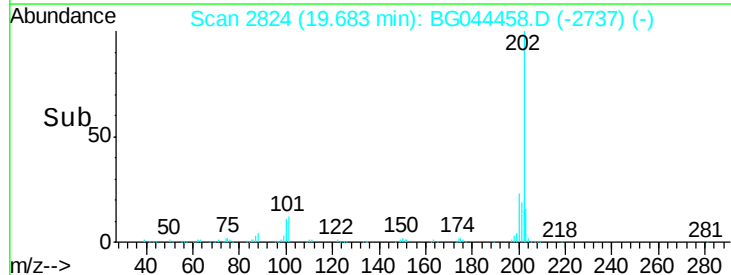
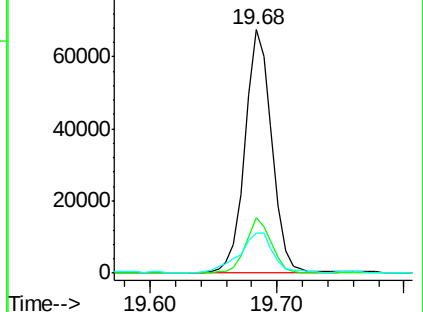
203 16.3 16.2 24.2

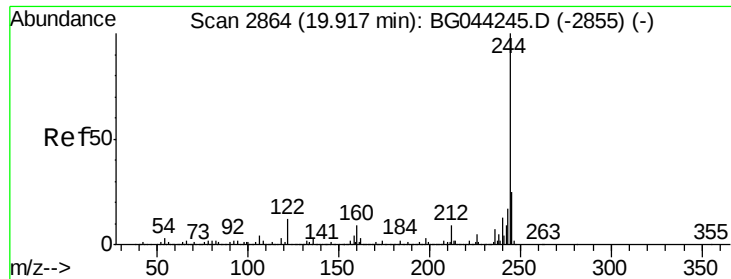


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 63.37 ng

RT: 19.89 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BG044458.D

Acq: 17 Feb 2020 22:16

Instrument :

BNA_G

ClientSampleId :

MARCY-GREEN-BH-03-B

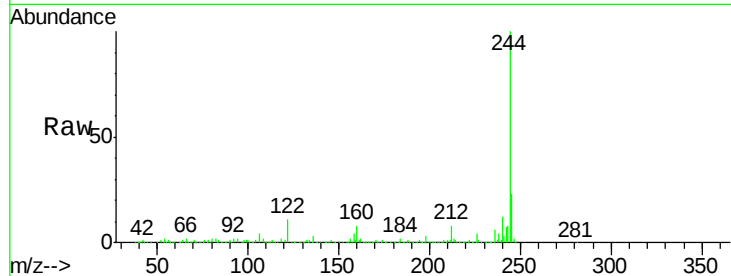
Tgt Ion:244 Resp: 1327199

Ion Ratio Lower Upper

244 100

212 8.2 7.4 11.2

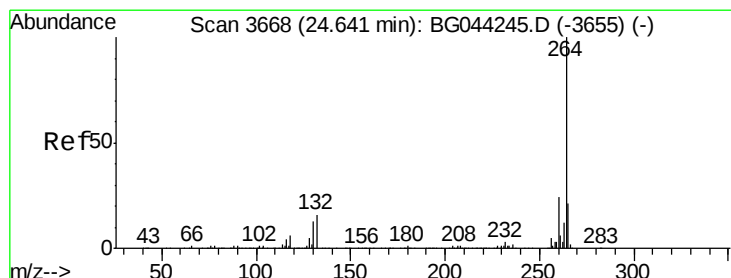
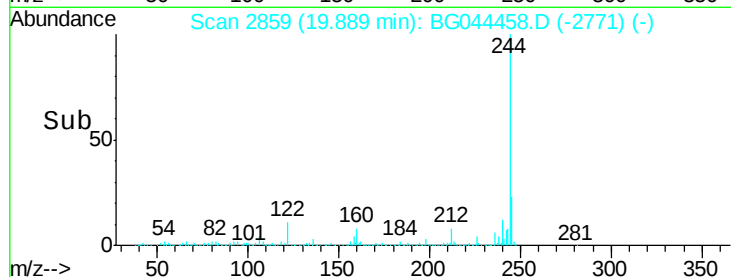
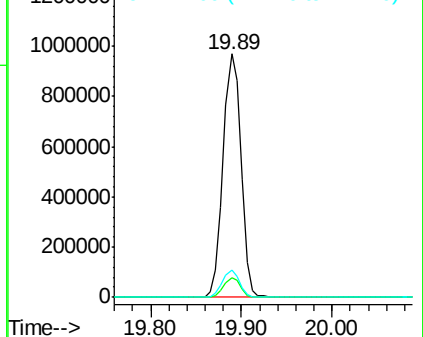
122 11.1 9.8 14.6



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

Perylene-d12

Concen: 20.00 ng

RT: 24.59 min Scan# 3659

Delta R.T. -0.03 min

Lab File: BG044458.D

Acq: 17 Feb 2020 22:16

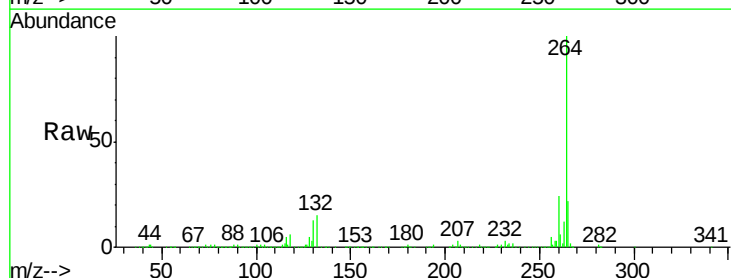
Tgt Ion:264 Resp: 451638

Ion Ratio Lower Upper

264 100

260 23.7 19.4 29.2

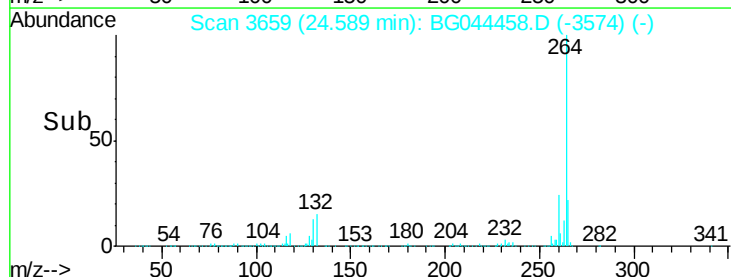
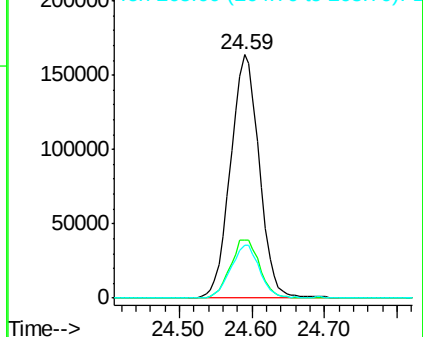
265 21.9 16.7 25.1

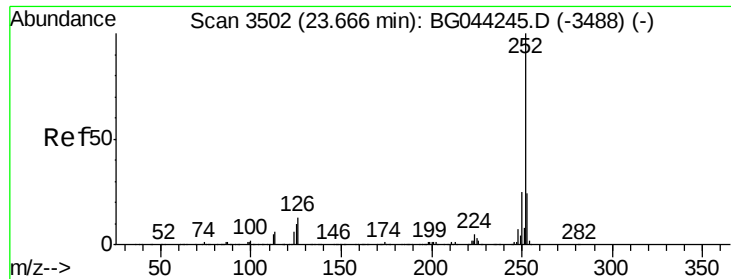


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#88

Benzo(b)fluoranthene

Concen: 2.30 ng

RT: 23.62 min Scan# 3494

Delta R.T. -0.03 min

Lab File: BG044458.D

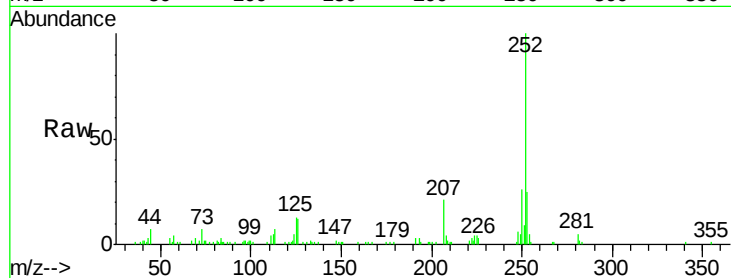
Acq: 17 Feb 2020 22:16

Instrument :

BNA_G

ClientSampleId :

MARCY-GREEN-BH-03-B



Tgt Ion:	252	Resp:	59787
Ion	Ratio	Lower	Upper
252	100		
253	25.1	19.2	28.8
125	13.3	8.4	12.6

