

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG021720\
 Data File : BG044455.D
 Acq On : 17 Feb 2020 20:18
 Operator : CG/JU
 Sample : L1547-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MARCY-GREEN-BH-01-C

Quant Time: Feb 18 06:23:12 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

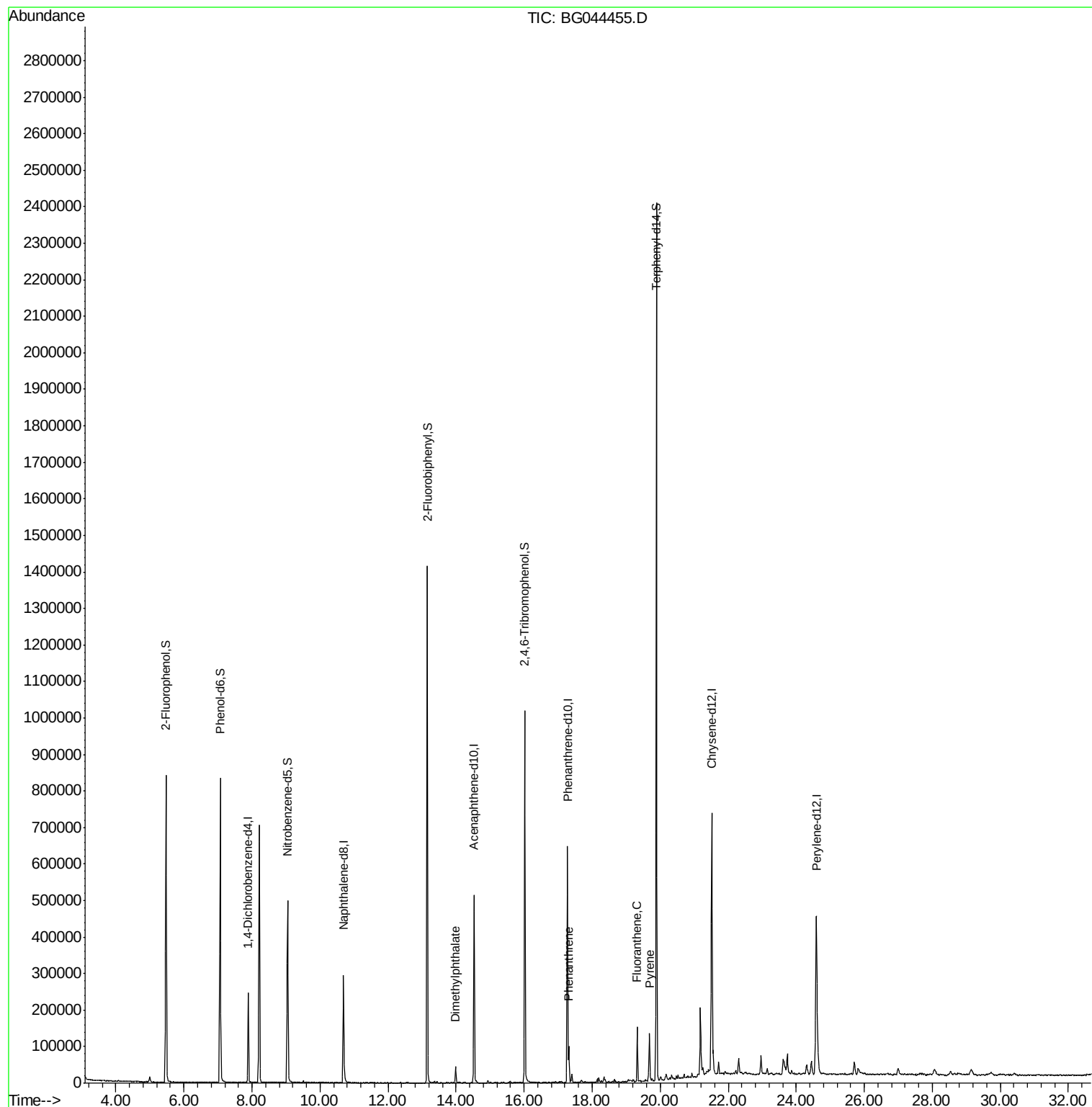
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	74647	20.00	ng	-0.02
21) Naphthalene-d8	10.69	136	293563	20.00	ng	-0.01
39) Acenaphthene-d10	14.53	164	187718	20.00	ng	-0.02
64) Phenanthrene-d10	17.27	188	418333	20.00	ng	-0.02
76) Chrysene-d12	21.51	240	418524	20.00	ng	-0.02
87) Perylene-d12	24.59	264	450080	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	429211	101.48	ng	-0.01
7) Phenol-d6	7.07	99	557001	98.07	ng	-0.01
23) Nitrobenzene-d5	9.05	82	331346	63.72	ng	-0.02
42) 2,4,6-Tribromophenol	16.02	330	216722	98.34	ng	-0.01
45) 2-Fluorobiphenyl	13.15	172	795090	70.93	ng	-0.01
79) Terphenyl-d14	19.89	244	1255557	61.71	ng	-0.02
Target Compounds						Qvalue
50) Dimethylphthalate	13.99	163	40002	2.96	ng	# 98
71) Phenanthrene	17.31	178	65774	3.25	ng	93
75) Fluoranthene	19.33	202	96318	4.11	ng	94
78) Pyrene	19.69	202	87048	3.24	ng	94

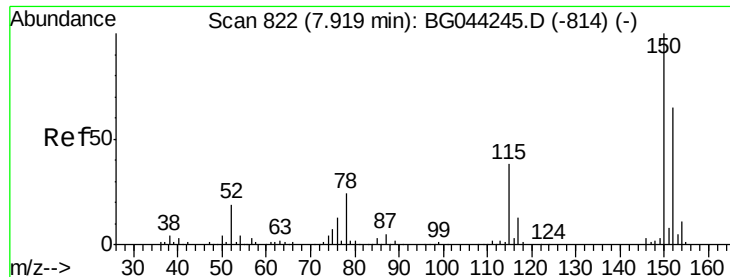
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Feb 10 16:11:50 2020
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.89 min Scan# 817

Delta R.T. -0.02 min

Lab File: BG044455.D

Acq: 17 Feb 2020 20:18

Instrument :

BNA_G

ClientSampleId :

MARCY-GREEN-BH-01-C

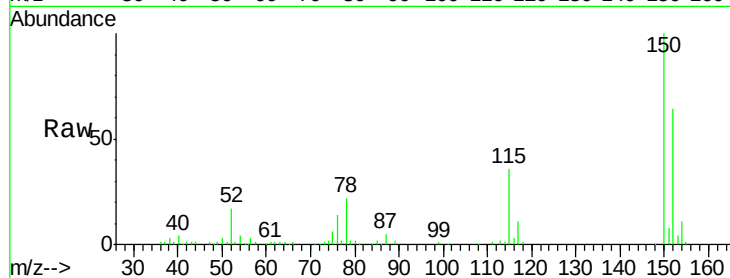
Tgt Ion:152 Resp: 74647

Ion Ratio Lower Upper

152 100

150 157.2 122.6 183.8

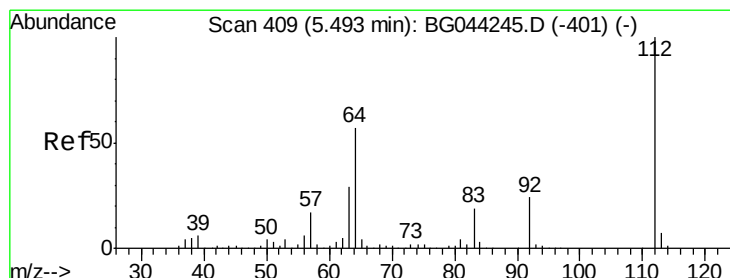
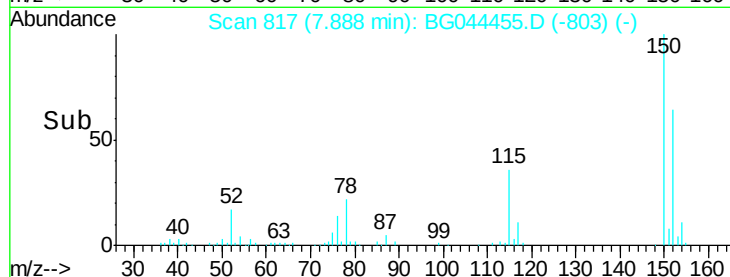
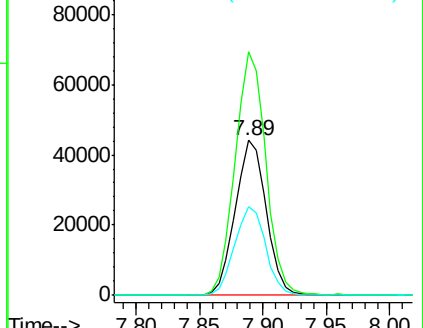
115 57.2 46.0 69.0



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: 101.48 ng

RT: 5.47 min Scan# 405

Delta R.T. -0.01 min

Lab File: BG044455.D

Acq: 17 Feb 2020 20:18

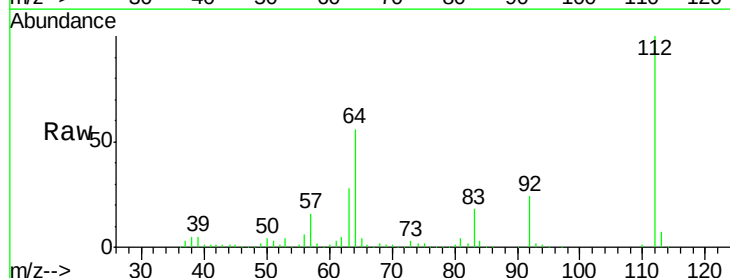
Tgt Ion:112 Resp: 429211

Ion Ratio Lower Upper

112 100

64 56.3 45.4 68.2

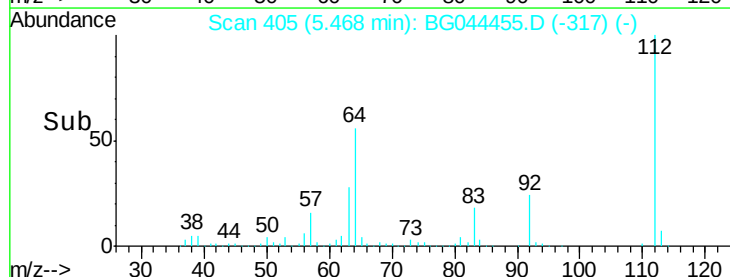
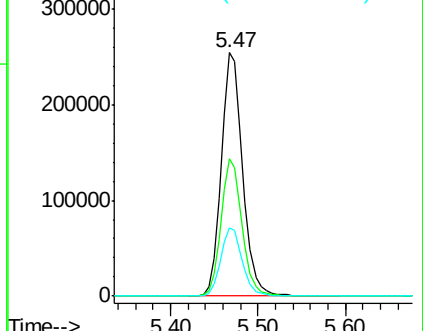
63 28.2 22.9 34.3

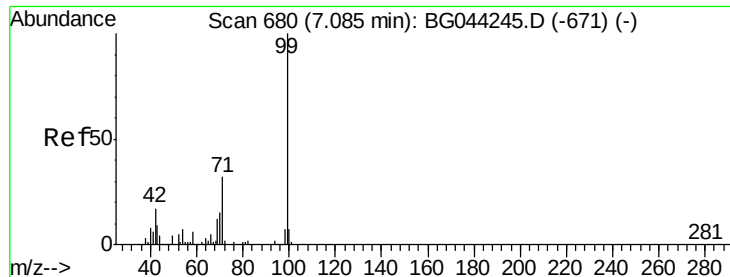


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 98.07 ng

RT: 7.07 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG044455.D

Acq: 17 Feb 2020 20:18

Instrument :

BNA_G

ClientSampleId :

MARCY-GREEN-BH-01-C

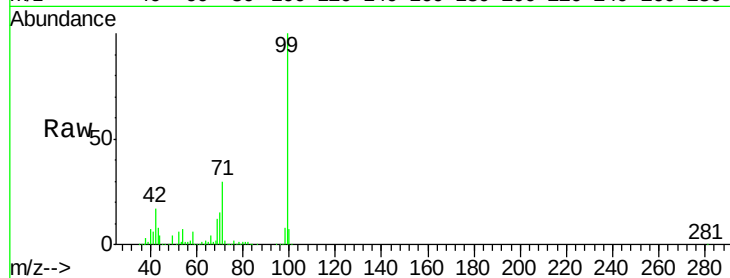
Tgt Ion: 99 Resp: 557001

Ion Ratio Lower Upper

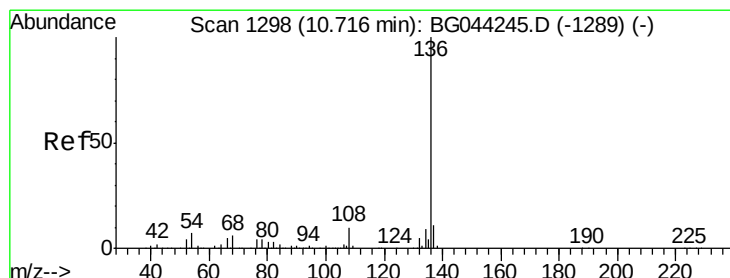
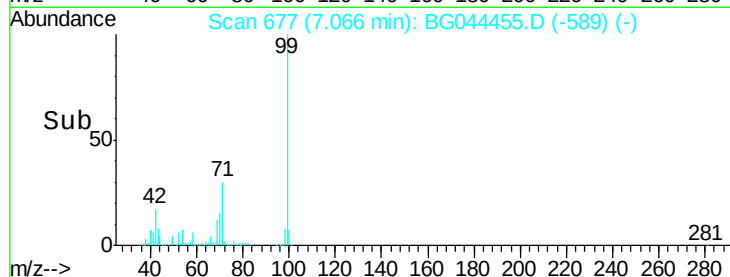
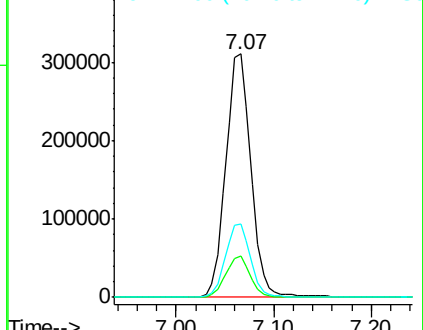
99 100

42 16.8 13.8 20.6

71 30.3 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# 1294

Delta R.T. -0.01 min

Lab File: BG044455.D

Acq: 17 Feb 2020 20:18

Tgt Ion: 136 Resp: 293563

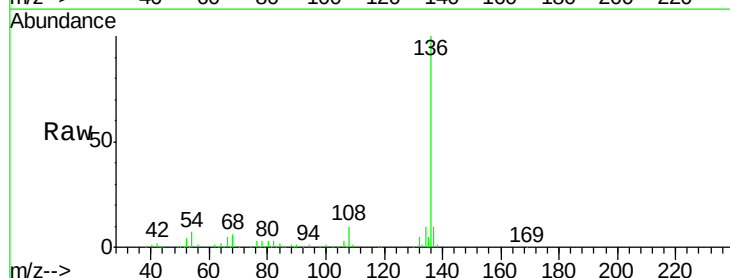
Ion Ratio Lower Upper

136 100

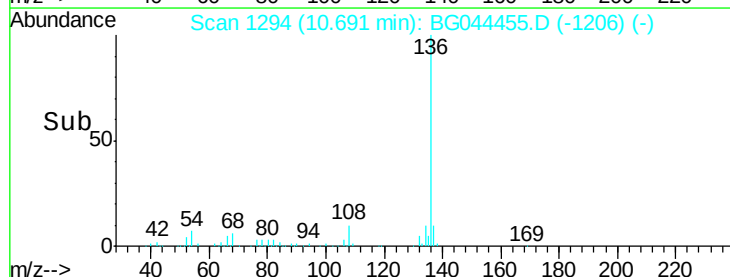
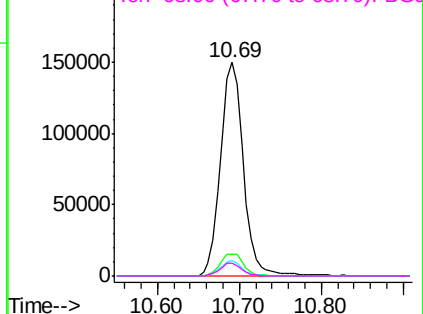
137 10.4 8.8 13.2

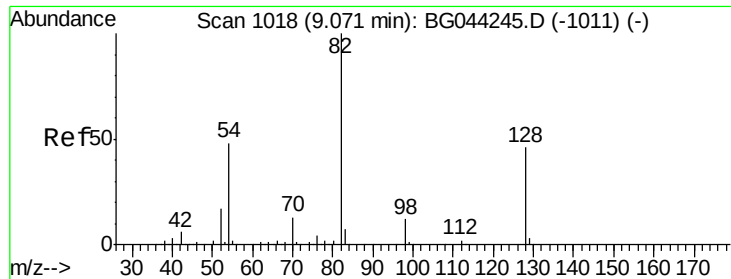
54 7.4 5.8 8.8

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

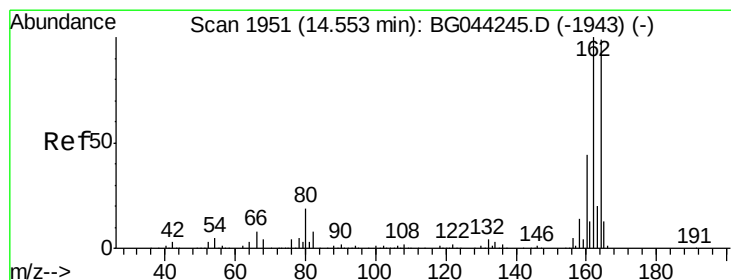
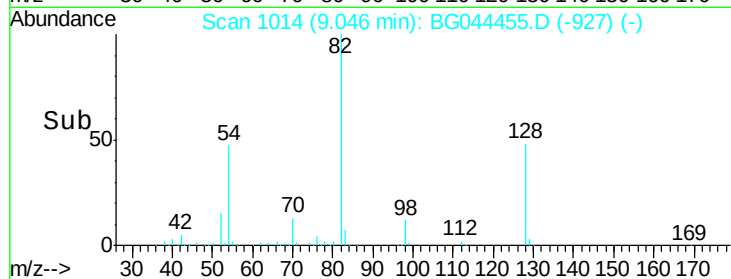
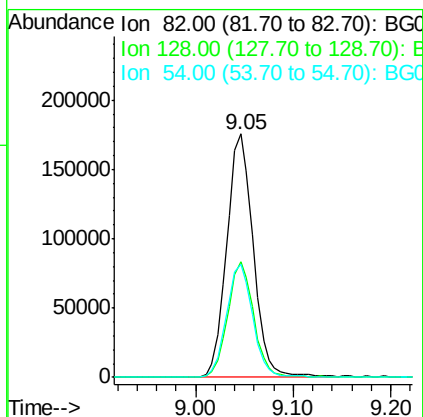
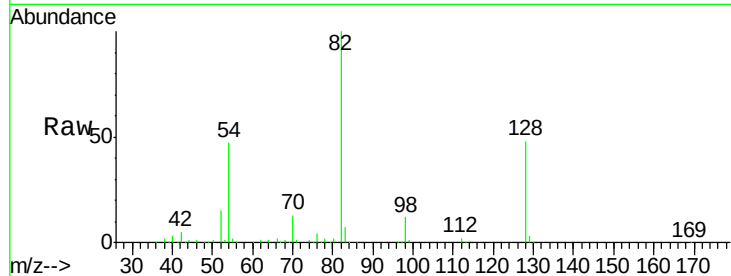




#23
 Nitrobenzene-d5
 Concen: 63.72 ng
 RT: 9.05 min Scan# 1014
 Delta R.T. -0.02 min
 Lab File: BG044455.D
 Acq: 17 Feb 2020 20:18

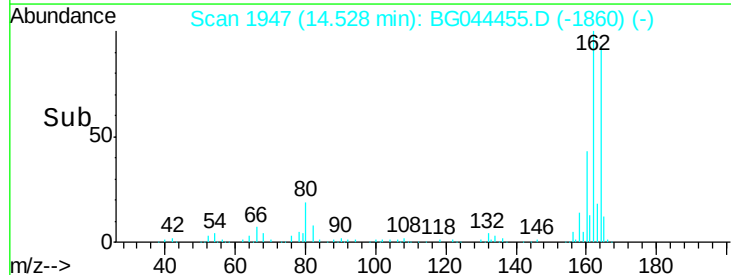
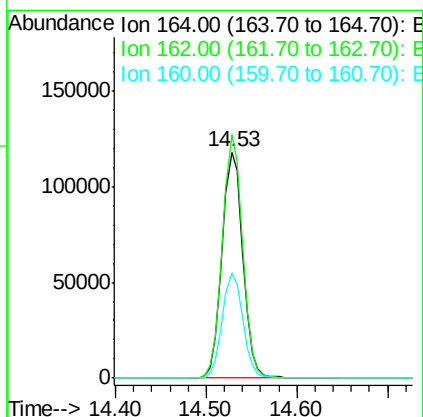
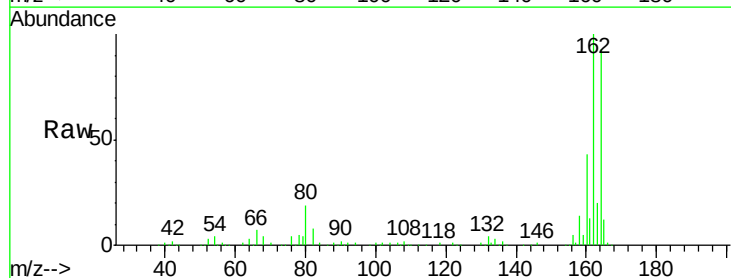
Instrument :
 BNA_G
 ClientSampleId :
 MARCY-GREEN-BH-01-C

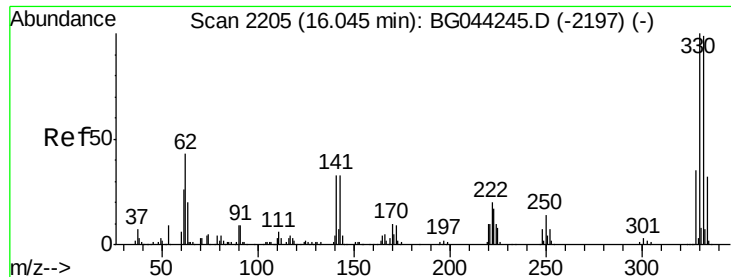
Tgt Ion	Ratio	Lower	Upper
82	100		
128	47.7	36.5	54.7
54	46.6	38.6	58.0



#39
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.53 min Scan# 1947
 Delta R.T. -0.02 min
 Lab File: BG044455.D
 Acq: 17 Feb 2020 20:18

Tgt Ion	Ratio	Lower	Upper
164	100		
162	107.8	80.7	121.1
160	46.5	35.3	52.9





#42

2,4,6-Tribromophenol

Concen: 98.34 ng

RT: 16.02 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG044455.D

Acq: 17 Feb 2020 20:18

Instrument :

BNA_G

ClientSampleId :

MARCY-GREEN-BH-01-C

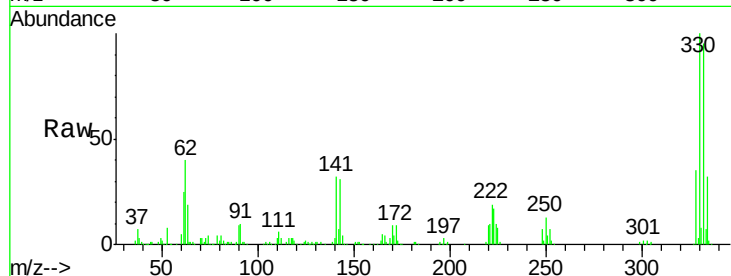
Tgt Ion:330 Resp: 216722

Ion Ratio Lower Upper

330 100

332 95.1 77.2 115.8

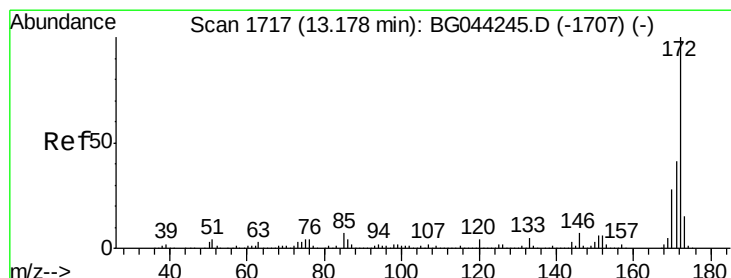
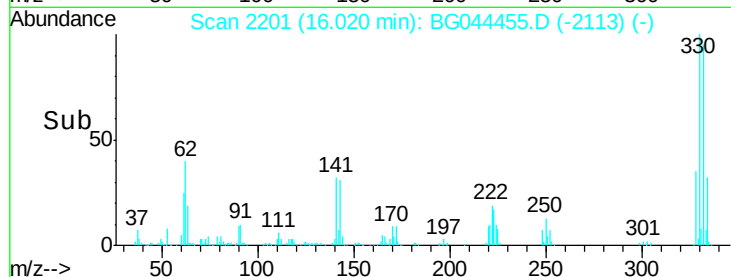
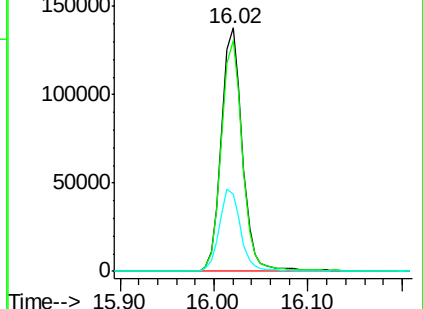
141 34.2 28.3 42.5



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: 70.93 ng

RT: 13.15 min Scan# 1713

Delta R.T. -0.01 min

Lab File: BG044455.D

Acq: 17 Feb 2020 20:18

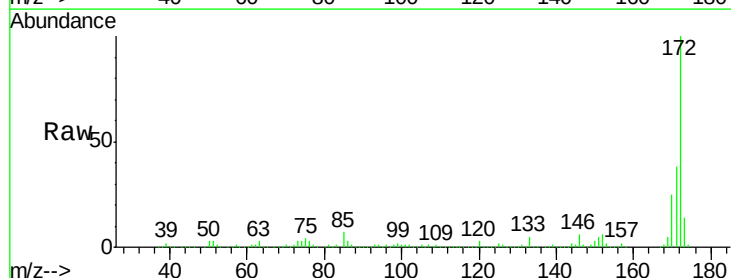
Tgt Ion:172 Resp: 795090

Ion Ratio Lower Upper

172 100

171 38.1 32.9 49.3

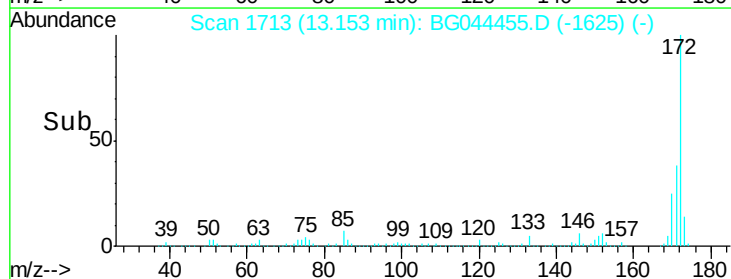
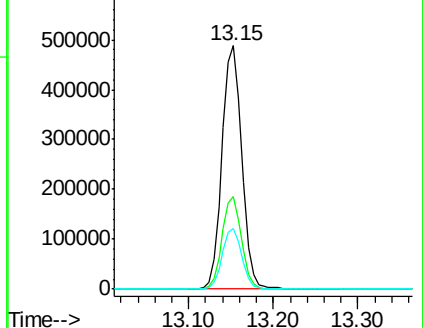
170 24.8 22.0 33.0

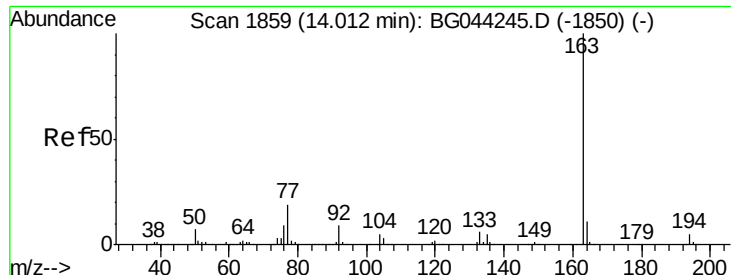


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 2.96 ng

RT: 13.99 min Scan# 1855

Delta R.T. -0.01 min

Lab File: BG044455.D

Acq: 17 Feb 2020 20:18

Instrument :

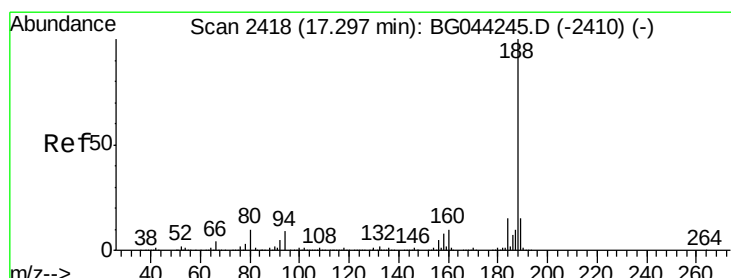
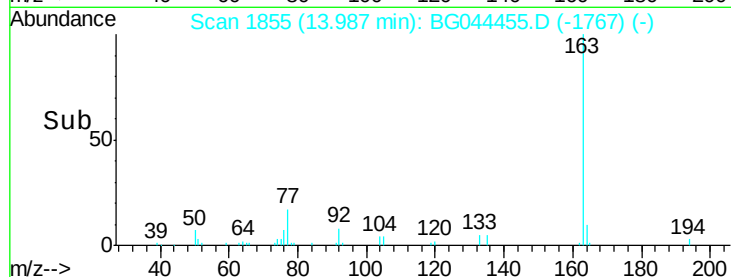
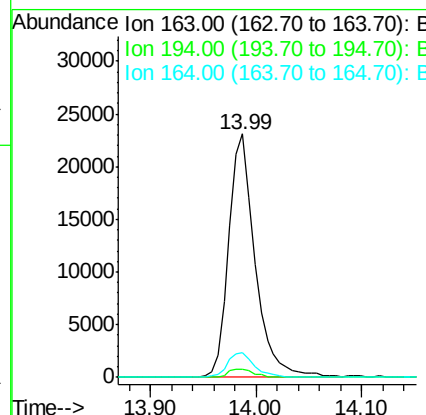
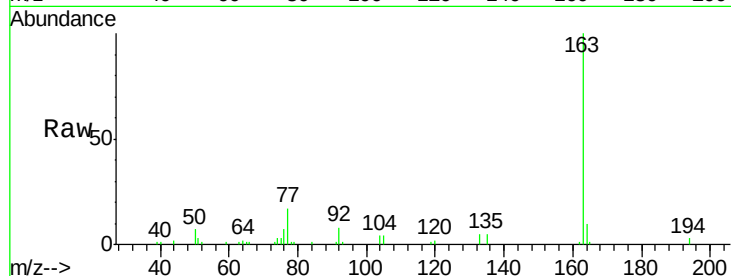
BNA_G

ClientSampleId :

MARCY-GREEN-BH-01-C

Tgt Ion:163 Resp: 40002

Ion	Ratio	Lower	Upper
163	100		
194	3.3	3.6	5.4#
164	10.3	8.7	13.1



#64

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.27 min Scan# 2414

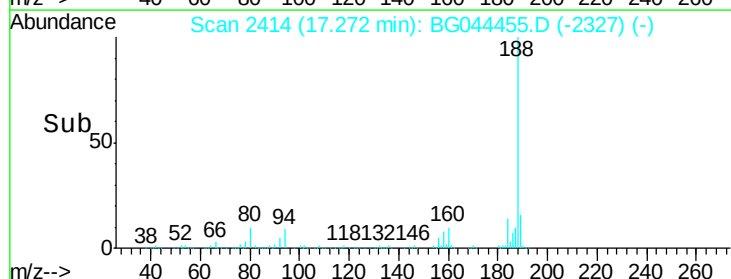
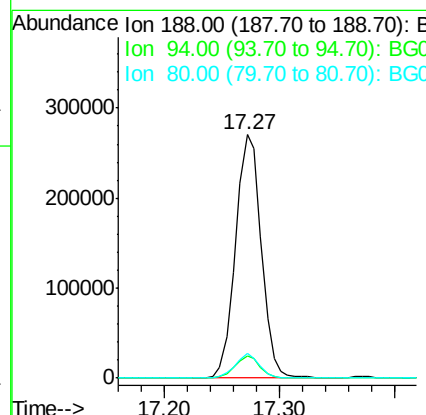
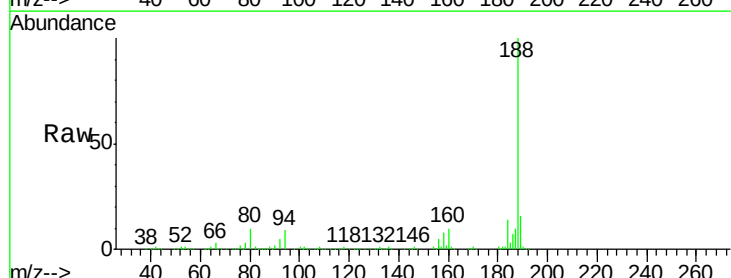
Delta R.T. -0.02 min

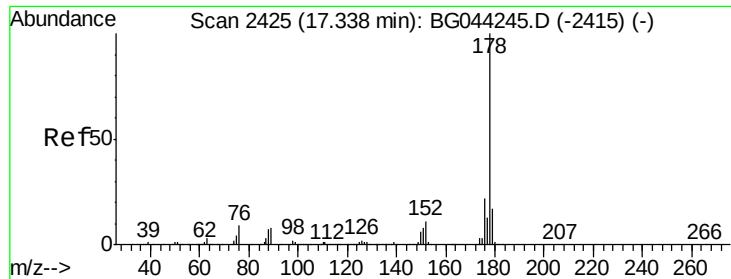
Lab File: BG044455.D

Acq: 17 Feb 2020 20:18

Tgt Ion:188 Resp: 418333

Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.4	11.2
80	10.0	7.7	11.5





#71

Phenanthrene

Concen: 3.25 ng

RT: 17.31 min Scan# 2421

Delta R.T. -0.02 min

Lab File: BG044455.D

Acq: 17 Feb 2020 20:18

Instrument :

BNA_G

ClientSampleId :

MARCY-GREEN-BH-01-C

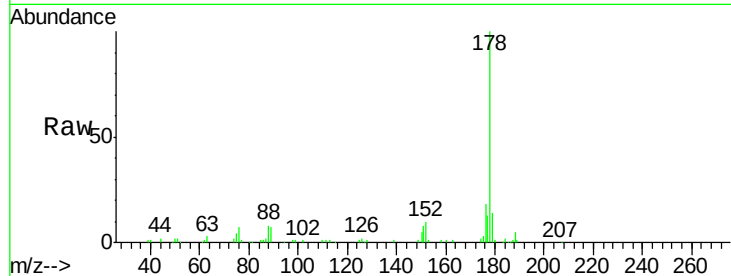
Tgt Ion:178 Resp: 65774

Ion Ratio Lower Upper

178 100

176 18.4 17.7 26.5

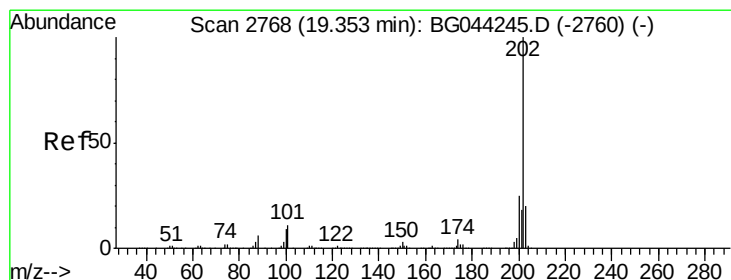
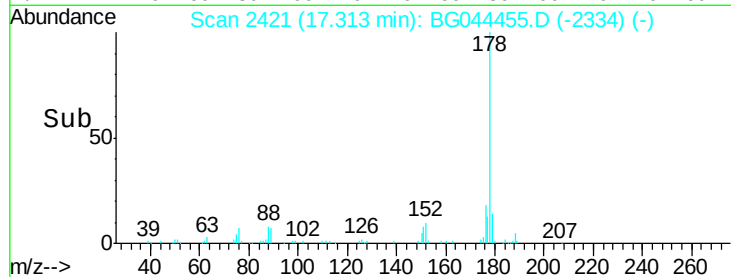
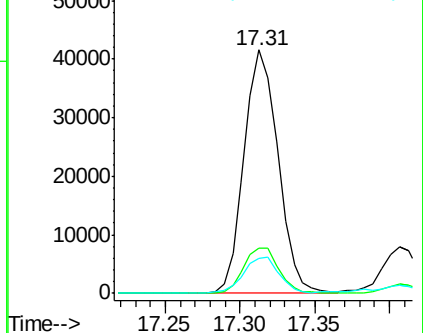
179 14.5 13.7 20.5



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#75

Fluoranthene

Concen: 4.11 ng

RT: 19.33 min Scan# 2764

Delta R.T. -0.01 min

Lab File: BG044455.D

Acq: 17 Feb 2020 20:18

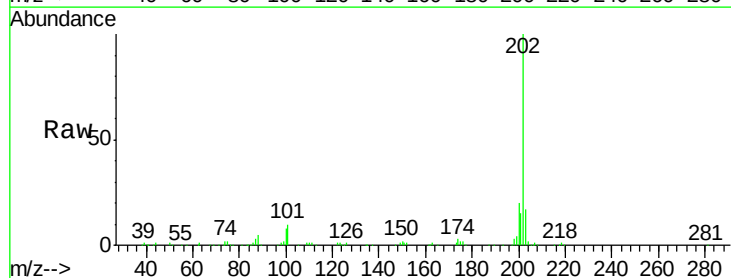
Tgt Ion:202 Resp: 96318

Ion Ratio Lower Upper

202 100

101 9.5 0.0 31.3

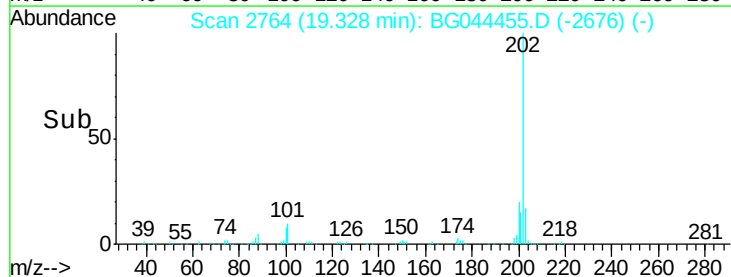
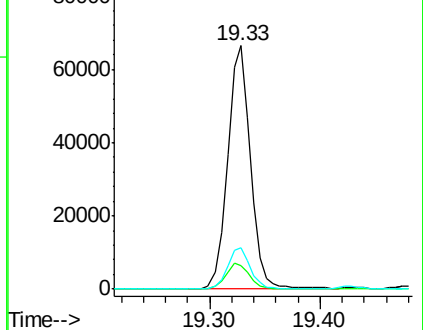
203 16.8 0.0 39.9

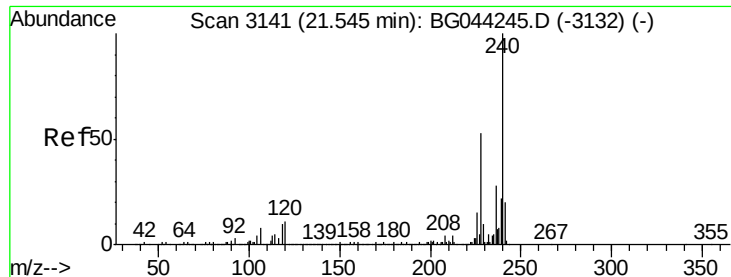


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

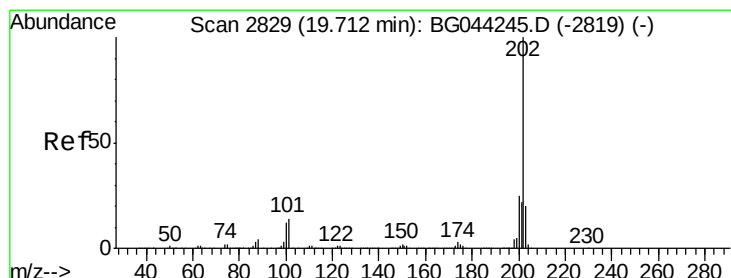
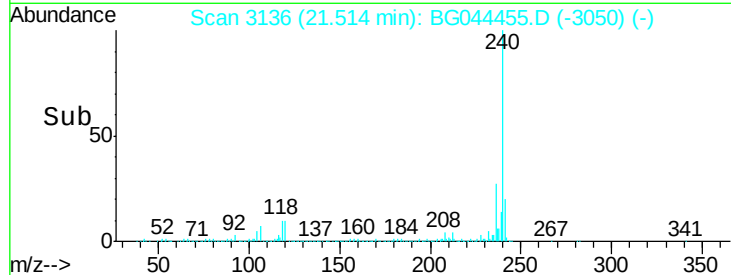
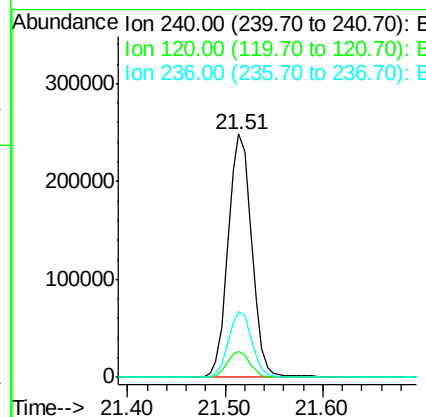
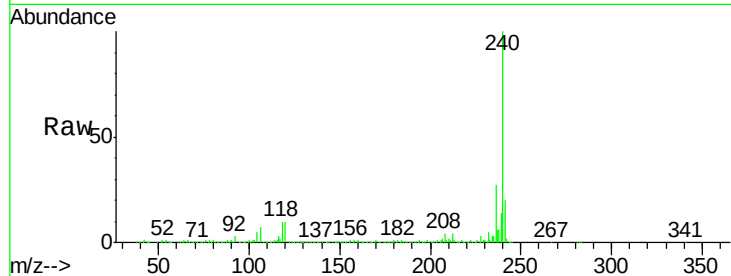




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.51 min Scan# 3136
Delta R.T. -0.02 min
Lab File: BG044455.D
Acq: 17 Feb 2020 20:18

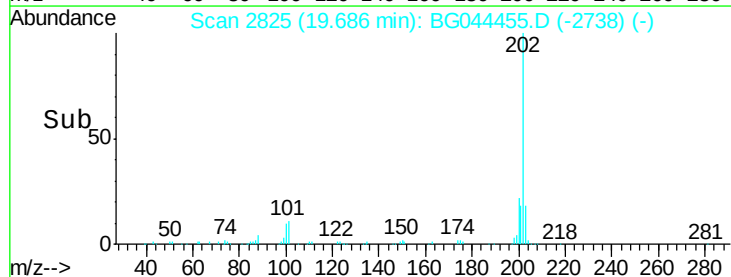
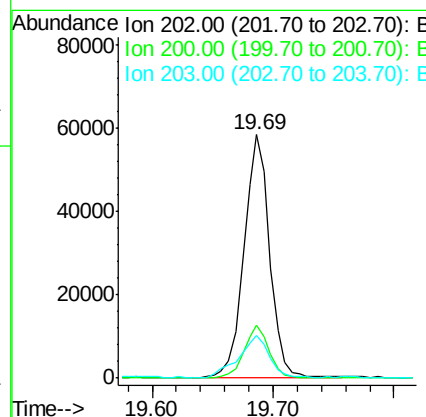
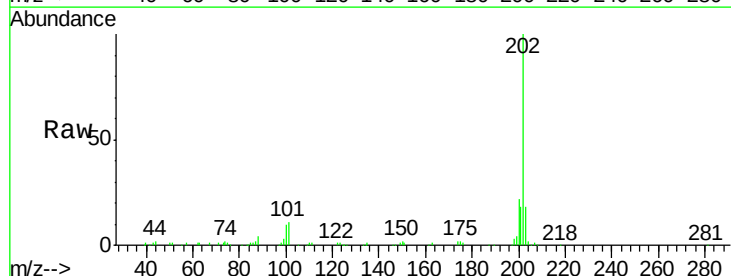
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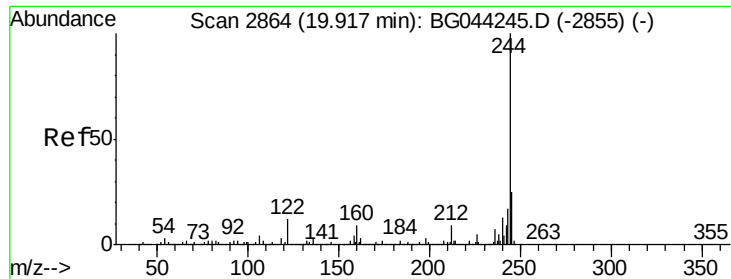
Tgt Ion: 240 Resp: 418524
Ion Ratio Lower Upper
240 100
120 10.4 8.4 12.6
236 27.0 22.1 33.1



#78
Pyrene
Concen: 3.24 ng
RT: 19.69 min Scan# 2825
Delta R.T. -0.02 min
Lab File: BG044455.D
Acq: 17 Feb 2020 20:18

Tgt Ion: 202 Resp: 87048
Ion Ratio Lower Upper
202 100
200 22.0 20.0 30.0
203 17.6 16.2 24.2





#79

Terphenyl-d14

Concen: 61.71 ng

RT: 19.89 min Scan# 2859

Delta R.T. -0.02 min

Lab File: BG044455.D

Acq: 17 Feb 2020 20:18

Instrument :

BNA_G

ClientSampleId :

MARCY-GREEN-BH-01-C

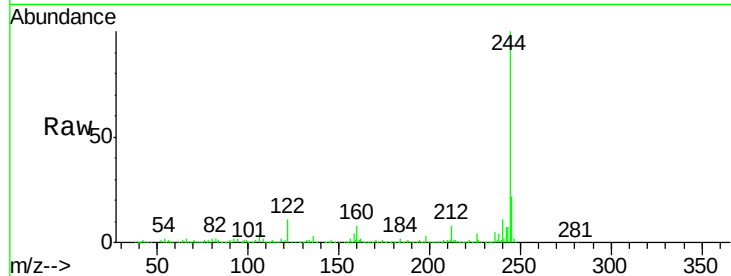
Tgt Ion:244 Resp: 1255557

Ion Ratio Lower Upper

244 100

212 8.0 7.4 11.2

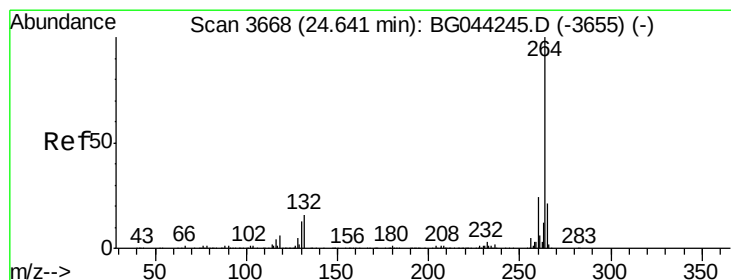
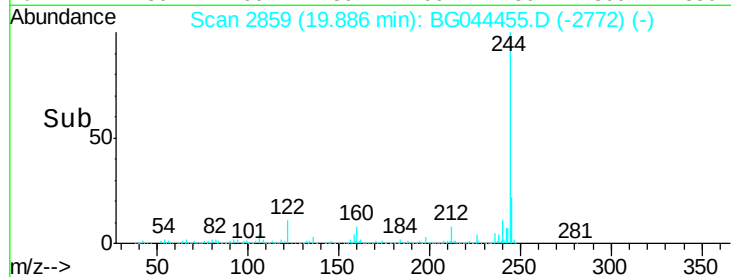
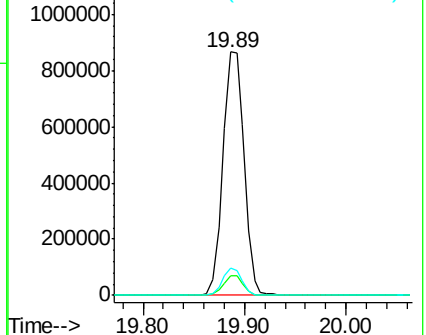
122 11.2 9.8 14.6



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# 3660

Delta R.T. -0.03 min

Lab File: BG044455.D

Acq: 17 Feb 2020 20:18

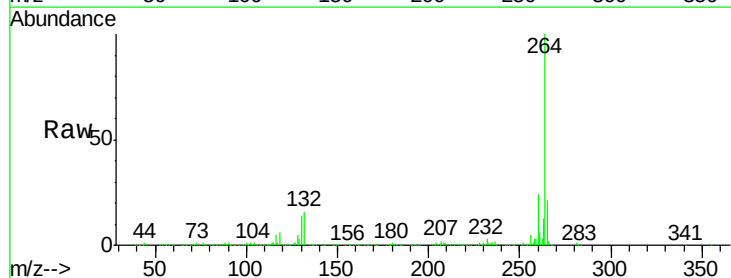
Tgt Ion:264 Resp: 450080

Ion Ratio Lower Upper

264 100

260 23.9 19.4 29.2

265 21.1 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

