

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG021720\
 Data File : BG044459.D
 Acq On : 17 Feb 2020 22:55
 Operator : CG/JU
 Sample : L1547-15
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Feb 18 06:35:08 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

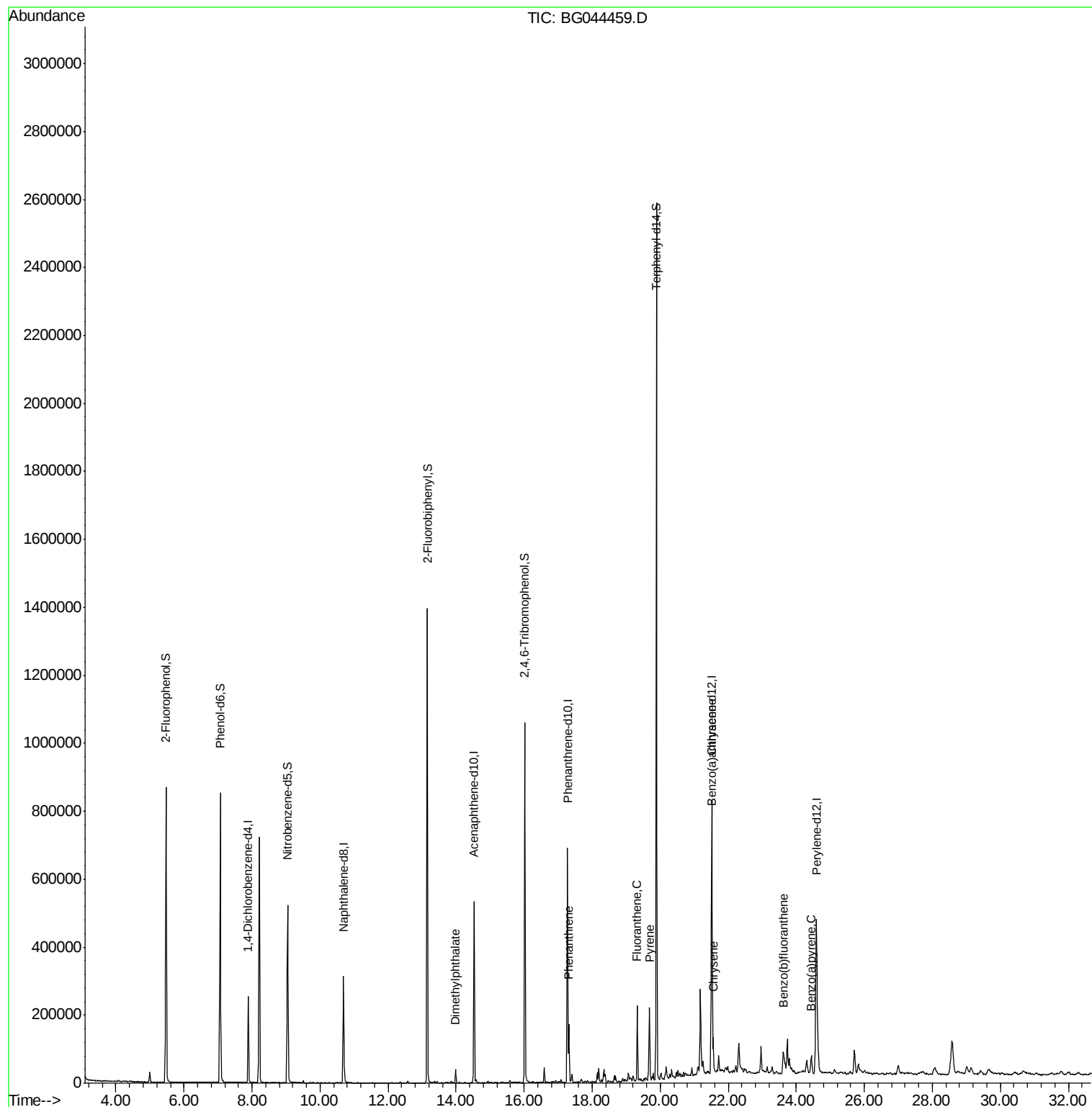
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	76239	20.00	ng	-0.02
21) Naphthalene-d8	10.69	136	307241	20.00	ng	-0.01
39) Acenaphthene-d10	14.53	164	194960	20.00	ng	-0.02
64) Phenanthrene-d10	17.27	188	436521	20.00	ng	-0.02
76) Chrysene-d12	21.51	240	437602	20.00	ng	-0.02
87) Perylene-d12	24.59	264	469870	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	440836	102.05	ng	0.00
7) Phenol-d6	7.06	99	567444	97.82	ng	-0.01
23) Nitrobenzene-d5	9.04	82	344934	63.38	ng	-0.02
42) 2,4,6-Tribromophenol	16.02	330	222808	97.35	ng	-0.01
45) 2-Fluorobiphenyl	13.15	172	808208	69.42	ng	-0.01
79) Terphenyl-d14	19.89	244	1267540	59.58	ng	-0.01
Target Compounds						Qvalue
50) Dimethylphthalate	13.99	163	32855	2.34	ng	100
71) Phenanthrene	17.31	178	112760	5.33	ng	95
75) Fluoranthene	19.33	202	140604	5.75	ng	95
78) Pyrene	19.69	202	137254	4.88	ng	94
81) Benzo(a)anthracene	21.50	228	67316	2.50	ng	91
83) Chrysene	21.56	228	67489	2.59	ng	93
88) Benzo(b)fluoranthene	23.62	252	78523	2.90	ng	97
90) Benzo(a)pyrene	24.44	252	55302	2.16	ng	99

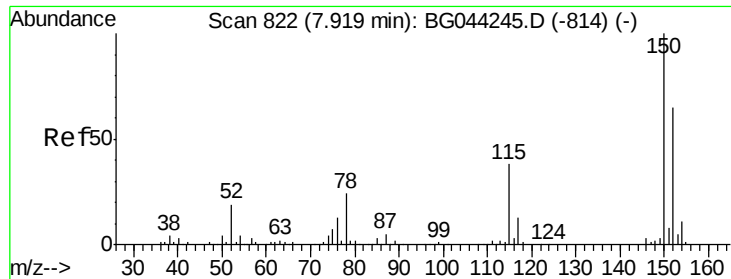
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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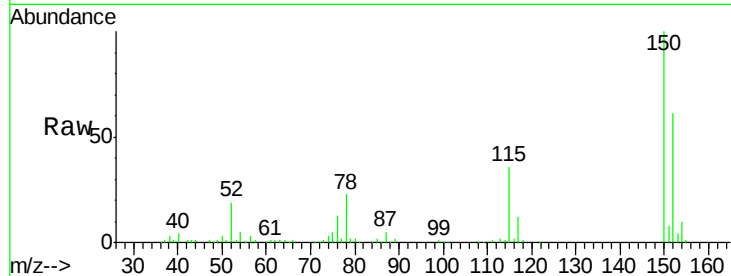




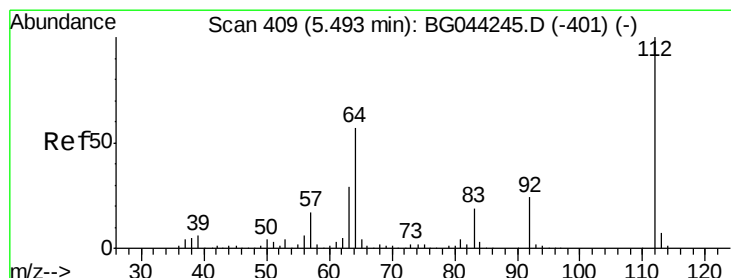
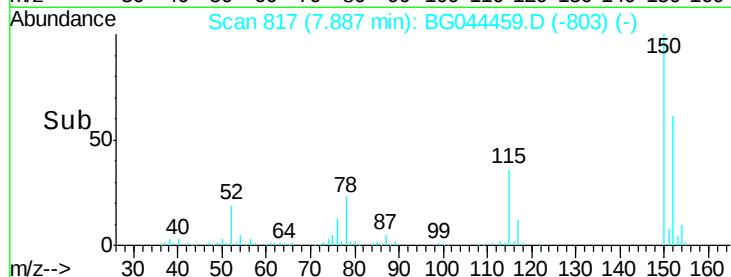
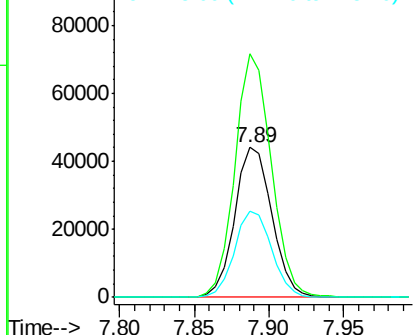
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.89 min Scan# 817
 Delta R.T. -0.02 min
 Lab File: BG044459.D
 Acq: 17 Feb 2020 22:55

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

Tgt Ion:152 Resp: 76239
 Ion Ratio Lower Upper
 152 100
 150 162.8 122.6 183.8
 115 57.8 46.0 69.0

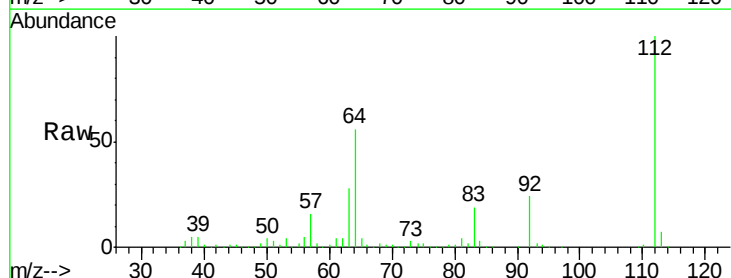


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

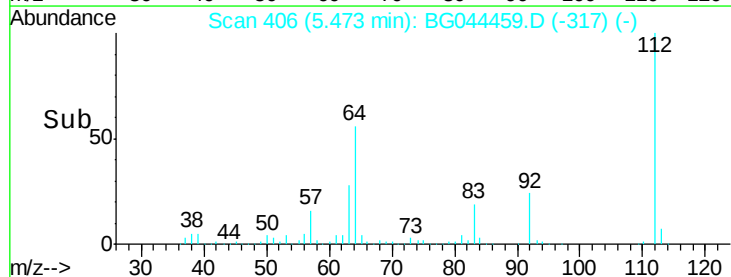
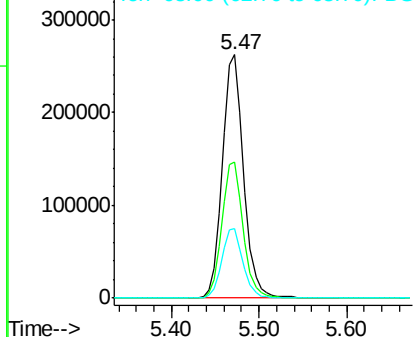


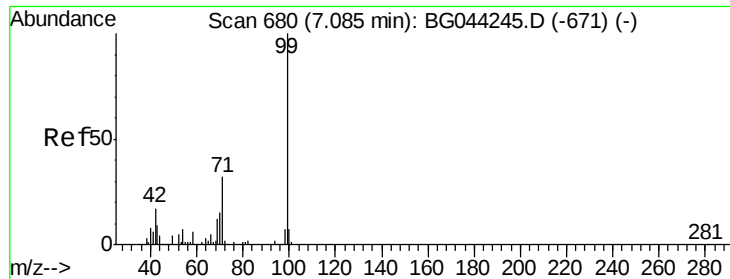
#5
 2-Fluorophenol
 Concen: 102.05 ng
 RT: 5.47 min Scan# 406
 Delta R.T. -0.01 min
 Lab File: BG044459.D
 Acq: 17 Feb 2020 22:55

Tgt Ion:112 Resp: 440836
 Ion Ratio Lower Upper
 112 100
 64 55.9 45.4 68.2
 63 28.3 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: 97.82 ng

RT: 7.06 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG044459.D

Acq: 17 Feb 2020 22:55

Instrument :

BNA_G

ClientSampleId :

MARCY-GREEN-BH-03-C

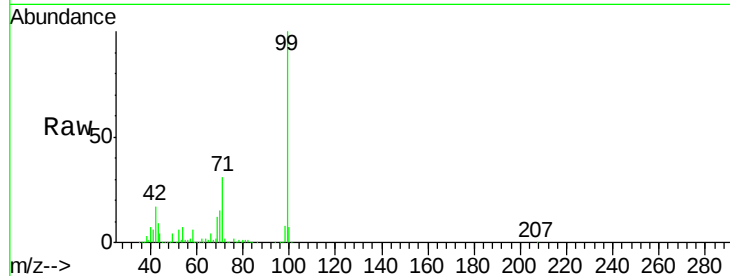
Tgt Ion: 99 Resp: 567444

Ion Ratio Lower Upper

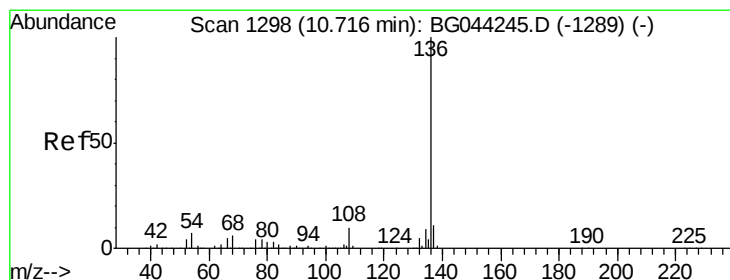
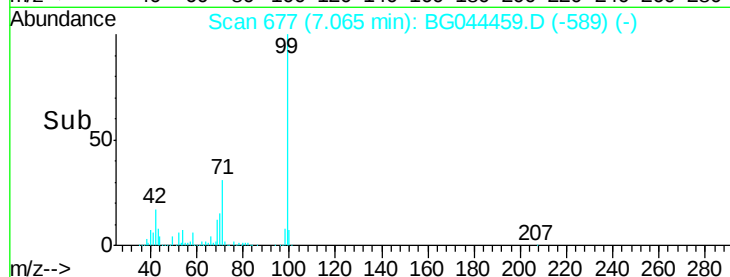
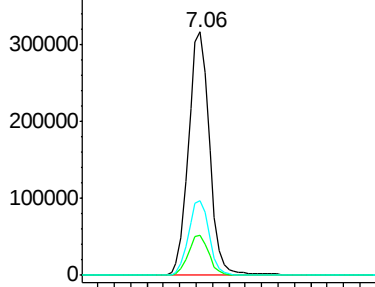
99 100

42 16.6 13.8 20.6

71 30.7 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: BG044459.D

Acq: 17 Feb 2020 22:55

Tgt Ion: 136 Resp: 307241

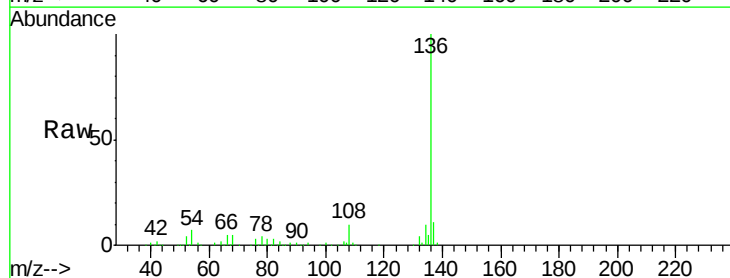
Ion Ratio Lower Upper

136 100

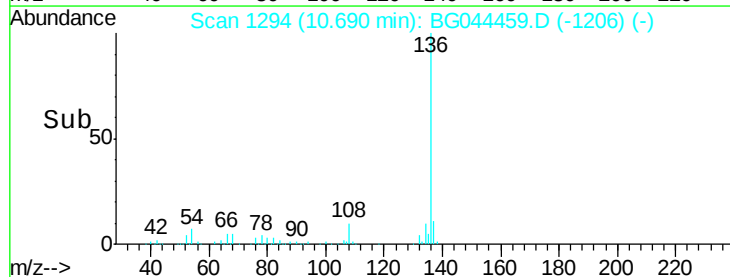
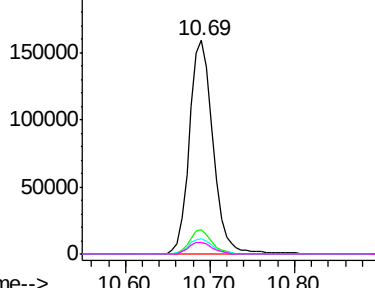
137 11.1 8.8 13.2

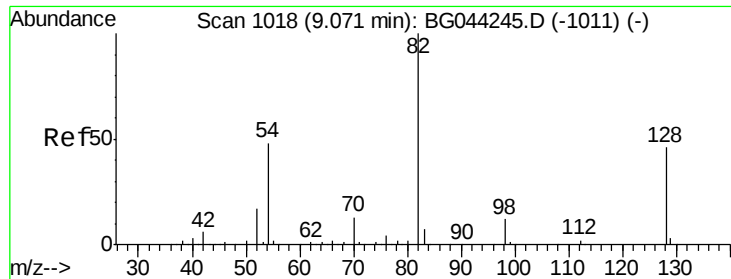
54 7.1 5.8 8.8

68 5.2 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

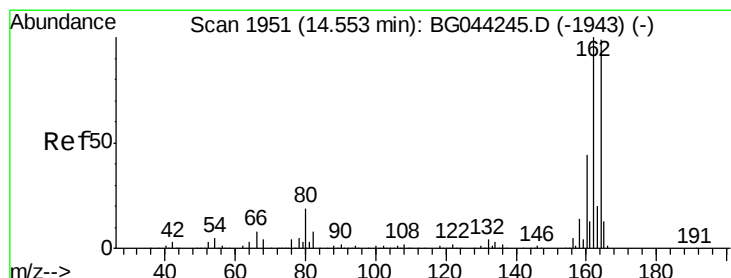
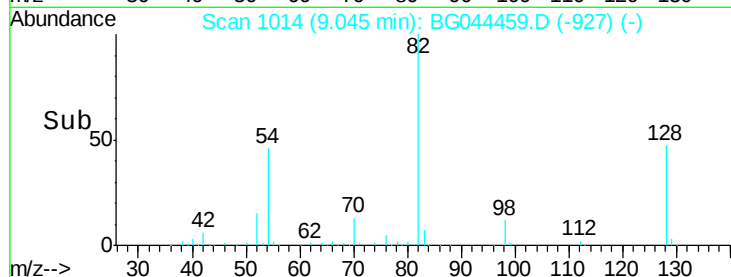
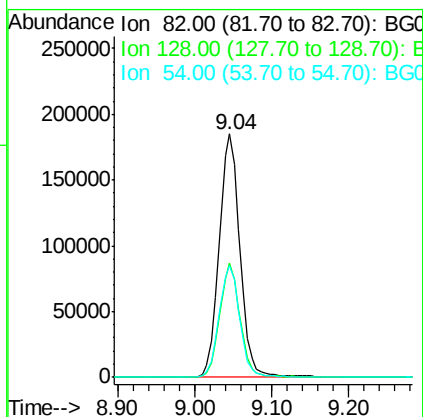
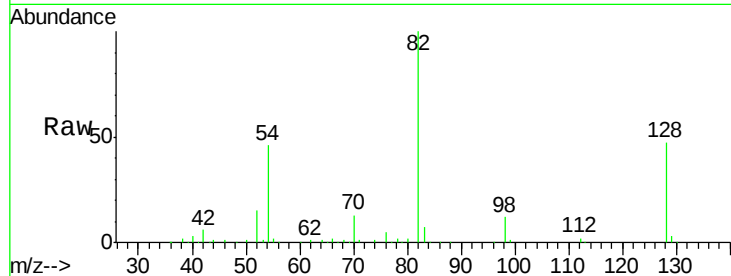




#23
 Nitrobenzene-d5
 Concen: 63.38 ng
 RT: 9.04 min Scan# 1014
 Delta R.T. -0.02 min
 Lab File: BG044459.D
 Acq: 17 Feb 2020 22:55

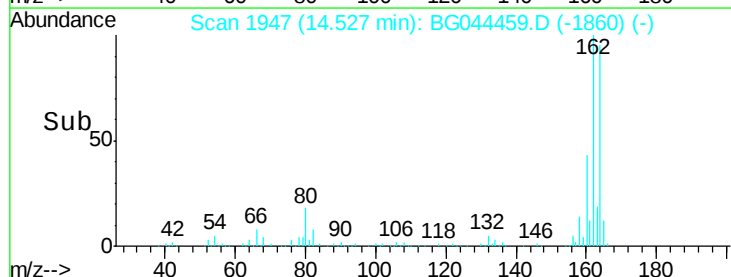
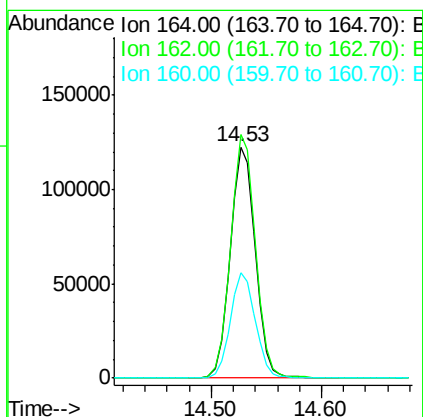
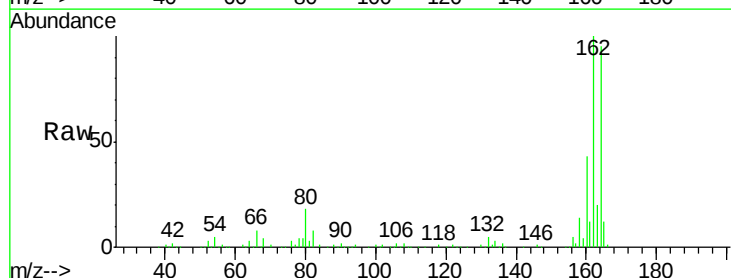
Instrument :
 BNA_G
 ClientSampleId :
 MARCY-GREEN-BH-03-C

Tgt Ion: 82 Resp: 344934
 Ion Ratio Lower Upper
 82 100
 128 47.1 36.5 54.7
 54 45.9 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: BG044459.D
 Acq: 17 Feb 2020 22:55

Tgt Ion: 164 Resp: 194960
 Ion Ratio Lower Upper
 164 100
 162 105.3 80.7 121.1
 160 45.4 35.3 52.9

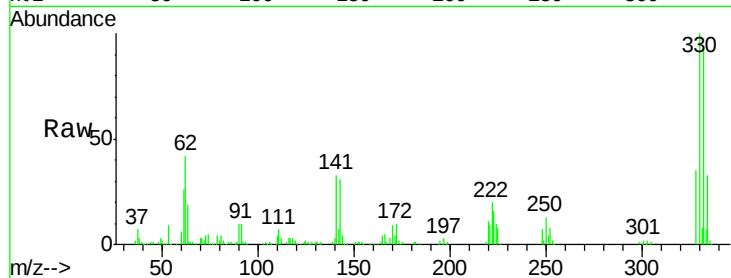




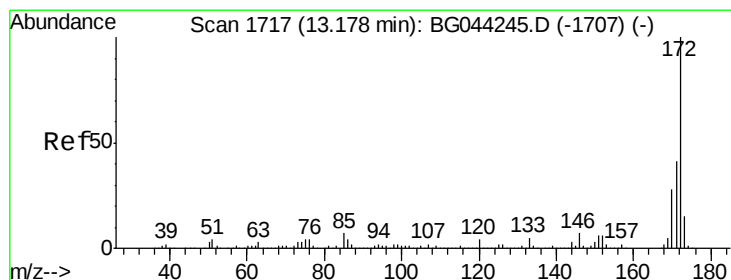
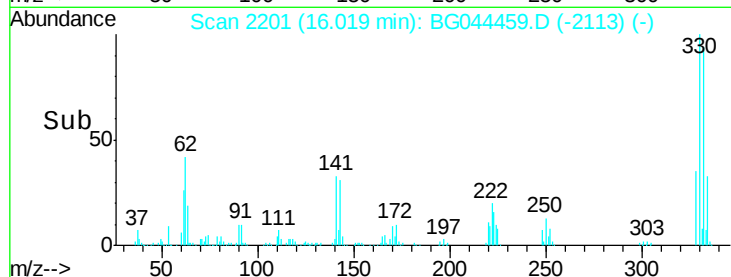
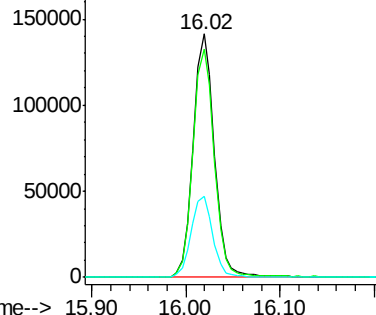
#42
 2,4,6-Tribromophenol
 Concen: 97.35 ng
 RT: 16.02 min Scan# 2201
 Delta R.T. -0.01 min
 Lab File: BG044459.D
 Acq: 17 Feb 2020 22:55

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

Tgt Ion:330 Resp: 222808
 Ion Ratio Lower Upper
 330 100
 332 95.3 77.2 115.8
 141 34.0 28.3 42.5

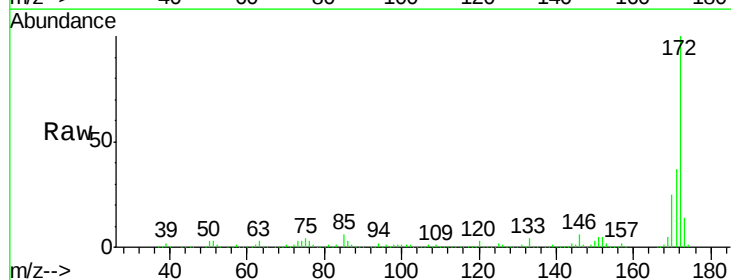


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

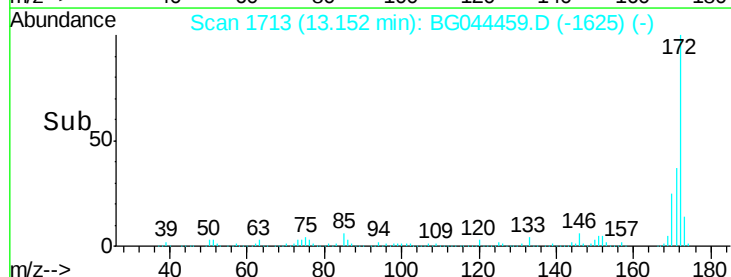
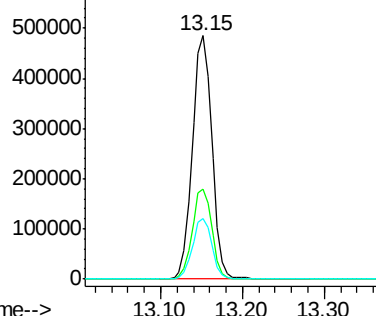


#45
 2-Fluorobiphenyl
 Concen: 69.42 ng
 RT: 13.15 min Scan# 1713
 Delta R.T. -0.01 min
 Lab File: BG044459.D
 Acq: 17 Feb 2020 22:55

Tgt Ion:172 Resp: 808208
 Ion Ratio Lower Upper
 172 100
 171 36.9 32.9 49.3
 170 25.1 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: 2.34 ng

RT: 13.99 min Scan# 1855

Delta R.T. -0.01 min

Lab File: BG044459.D

Acq: 17 Feb 2020 22:55

Instrument :

BNA_G

ClientSampleId :

MARCY-GREEN-BH-03-C

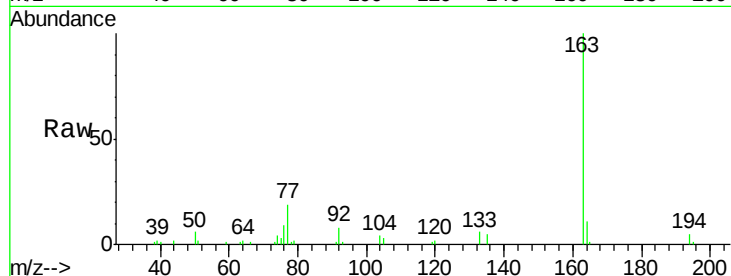
Tgt Ion:163 Resp: 32855

Ion Ratio Lower Upper

163 100

194 4.6 3.6 5.4

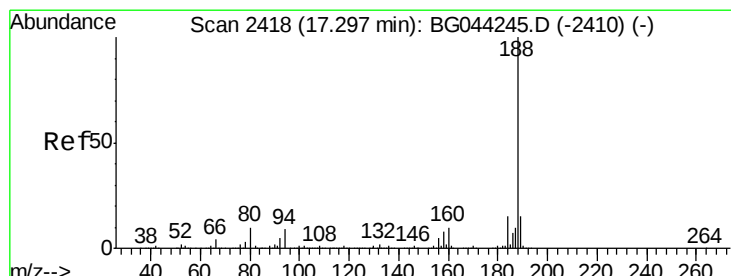
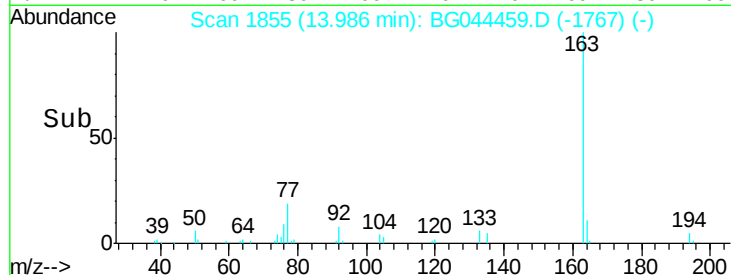
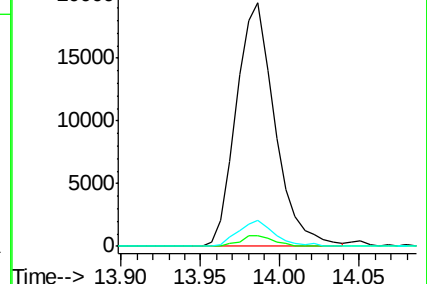
164 10.8 8.7 13.1



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. -0.02 min

Lab File: BG044459.D

Acq: 17 Feb 2020 22:55

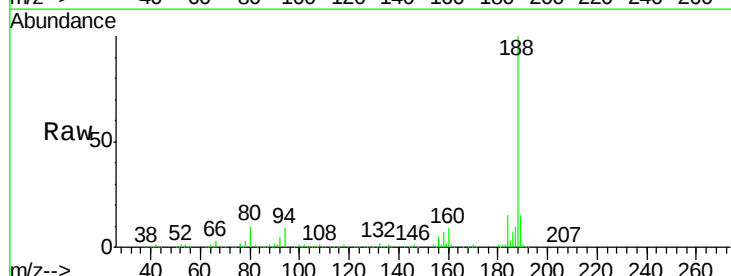
Tgt Ion:188 Resp: 436521

Ion Ratio Lower Upper

188 100

94 8.7 7.4 11.2

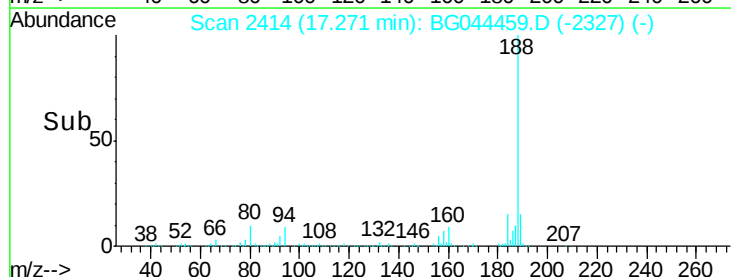
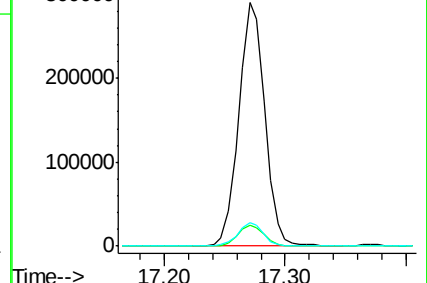
80 9.6 7.7 11.5

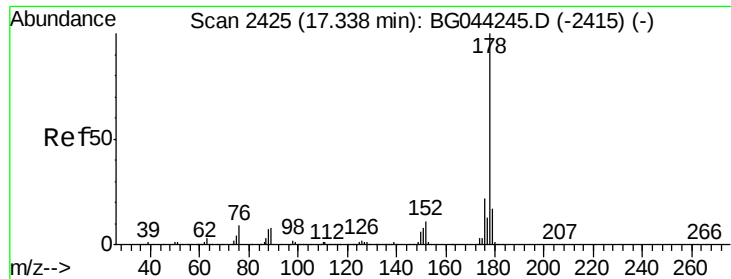


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

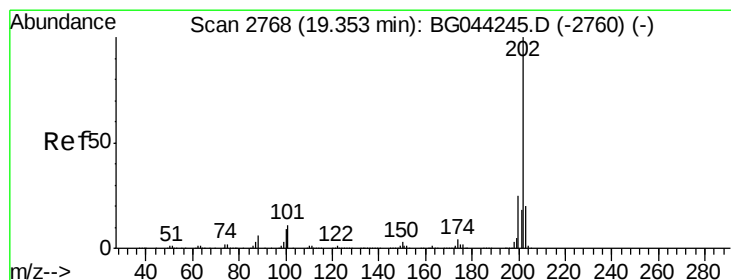
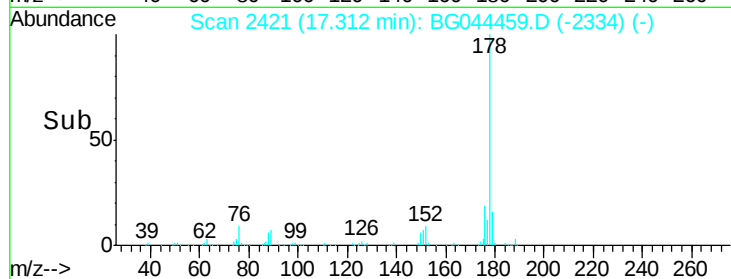
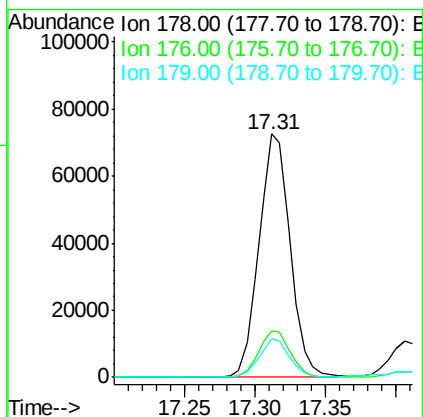
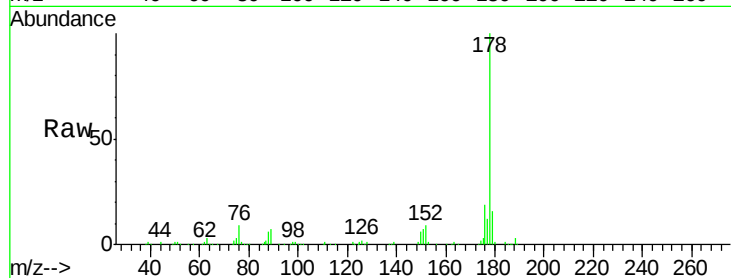




#71
Phenanthrene
Concen: 5.33 ng
RT: 17.31 min Scan# 2421
Delta R.T. -0.02 min
Lab File: BG044459.D
Acq: 17 Feb 2020 22:55

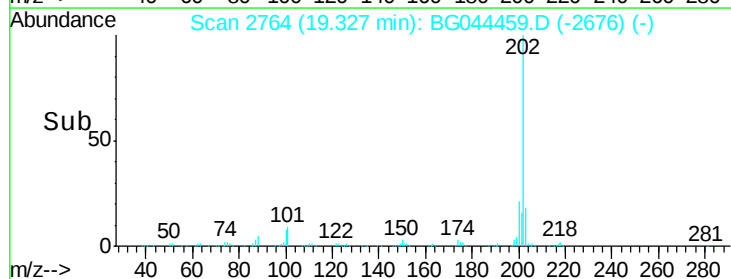
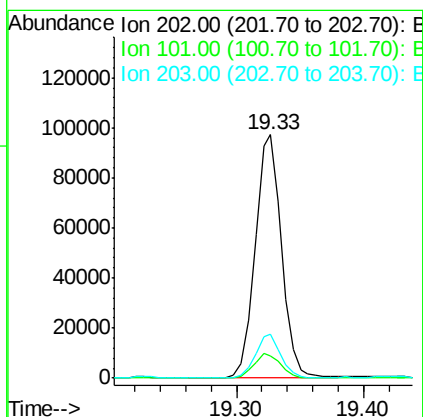
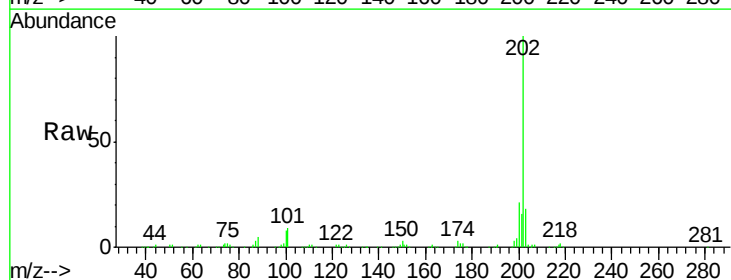
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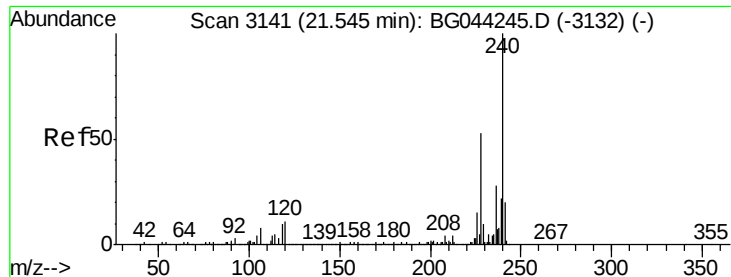
Tgt Ion:178 Resp: 112760
Ion Ratio Lower Upper
178 100
176 19.2 17.7 26.5
179 15.7 13.7 20.5



#75
Fluoranthene
Concen: 5.75 ng
RT: 19.33 min Scan# 2764
Delta R.T. -0.01 min
Lab File: BG044459.D
Acq: 17 Feb 2020 22:55

Tgt Ion:202 Resp: 140604
Ion Ratio Lower Upper
202 100
101 9.1 0.0 31.3
203 18.0 0.0 39.9

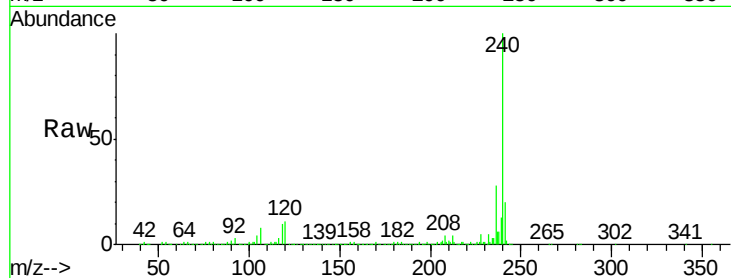




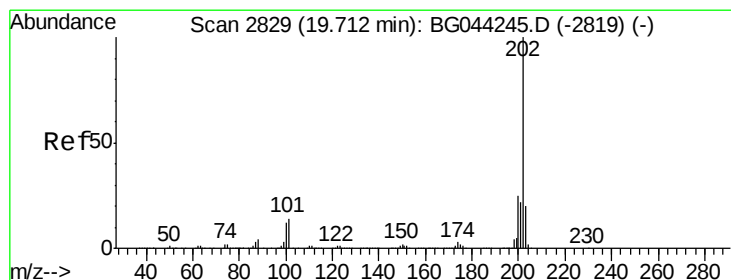
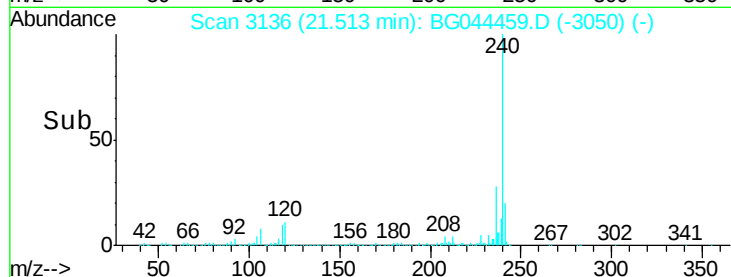
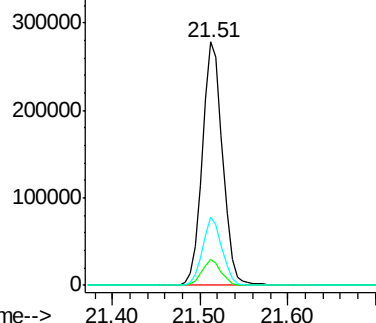
#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.51 min Scan# 3136
Delta R.T. -0.02 min
Lab File: BG044459.D
Acq: 17 Feb 2020 22:55

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

Tgt Ion: 240 Resp: 437602
Ion Ratio Lower Upper
240 100
120 10.7 8.4 12.6
236 27.8 22.1 33.1

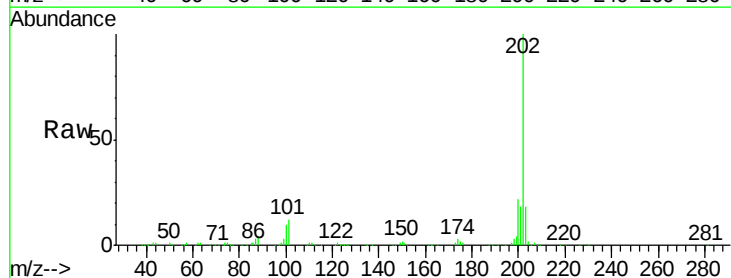


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

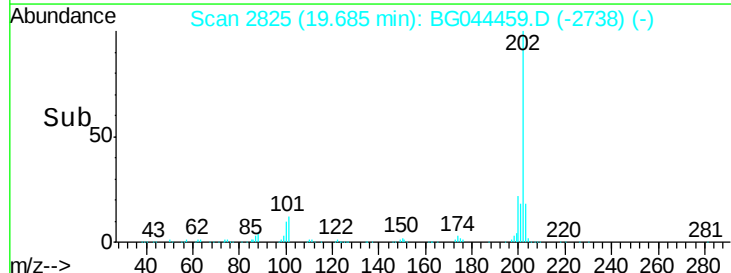
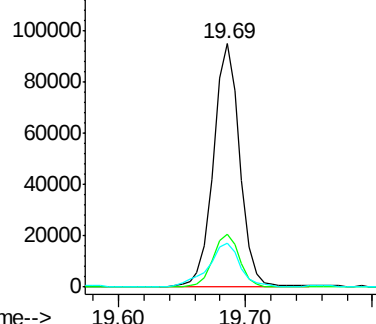


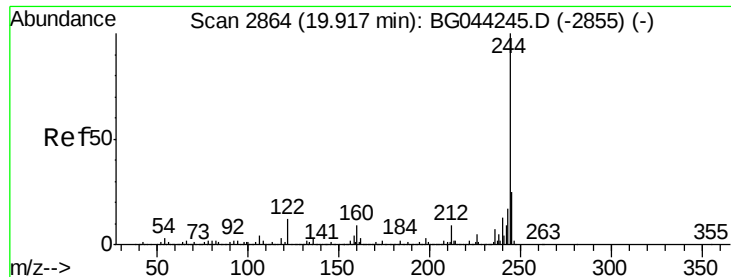
#78
Pyrene
Concen: 4.88 ng
RT: 19.69 min Scan# 2825
Delta R.T. -0.02 min
Lab File: BG044459.D
Acq: 17 Feb 2020 22:55

Tgt Ion: 202 Resp: 137254
Ion Ratio Lower Upper
202 100
200 21.6 20.0 30.0
203 18.3 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: 59.58 ng

RT: 19.89 min Scan# 2860

Delta R.T. -0.01 min

Lab File: BG044459.D

Acq: 17 Feb 2020 22:55

Instrument :

BNA_G

ClientSampleId :

MARCY-GREEN-BH-03-C

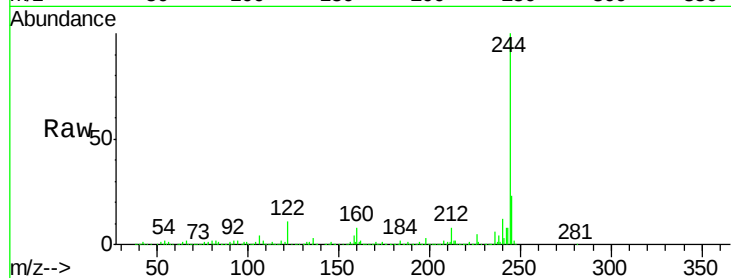
Tgt Ion:244 Resp: 1267540

Ion Ratio Lower Upper

244 100

212 8.0 7.4 11.2

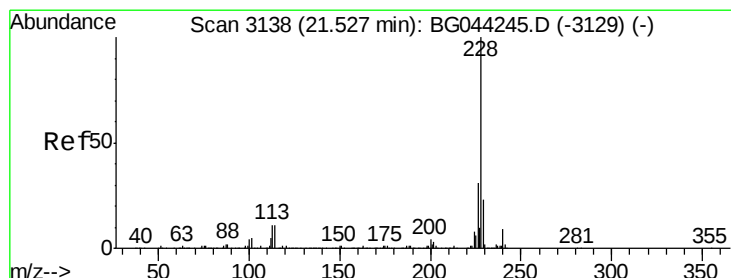
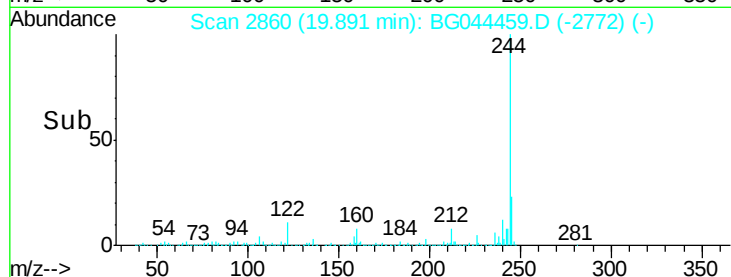
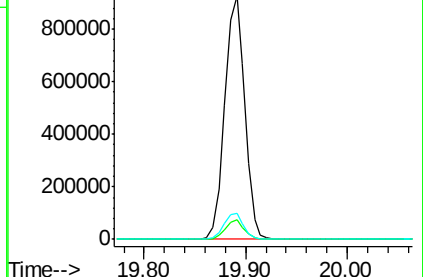
122 10.5 9.8 14.6



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



#81

Benzo(a)anthracene

Concen: 2.50 ng

RT: 21.50 min Scan# 3134

Delta R.T. -0.01 min

Lab File: BG044459.D

Acq: 17 Feb 2020 22:55

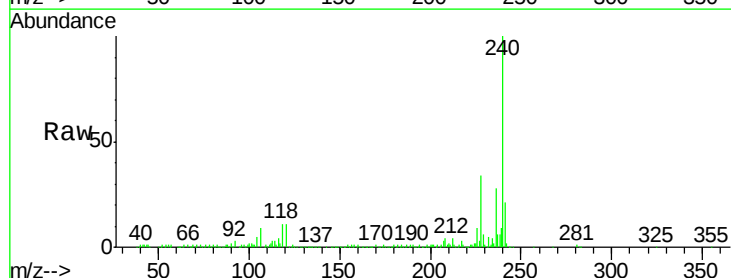
Tgt Ion:228 Resp: 67316

Ion Ratio Lower Upper

228 100

226 26.2 24.7 37.1

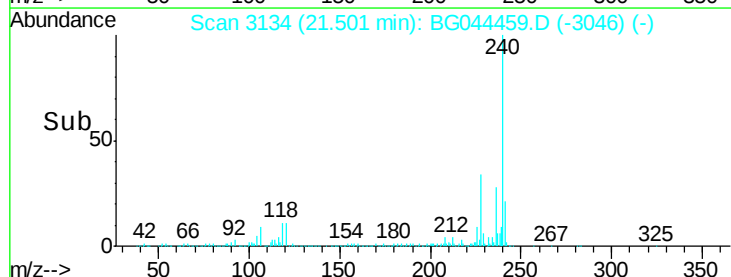
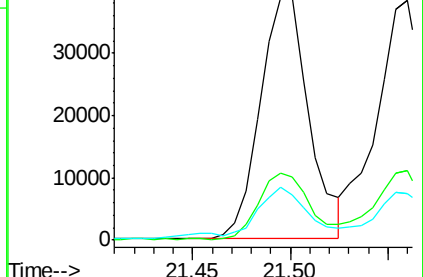
229 18.5 18.2 27.4

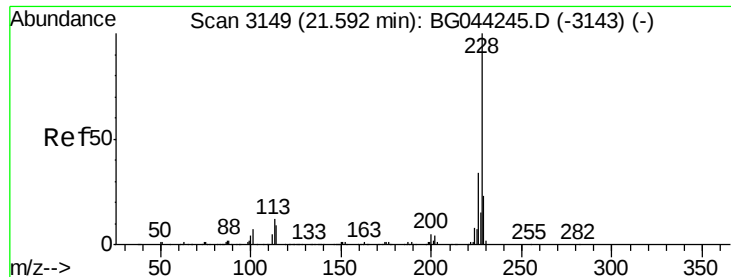


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Chrysene

Concen: 2.59 ng

RT: 21.56 min Scan# 3144

Delta R.T. -0.02 min

Lab File: BG044459.D

Acq: 17 Feb 2020 22:55

Instrument :

BNA_G

ClientSampleId :

MARCY-GREEN-BH-03-C

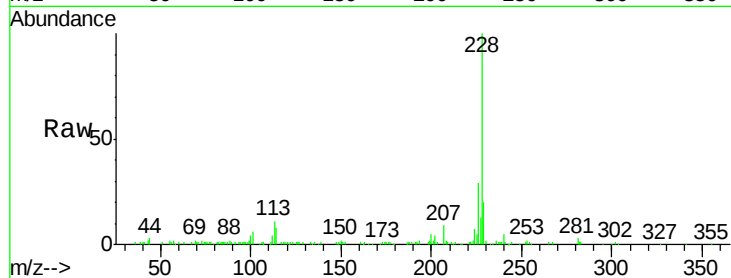
Tgt Ion:228 Resp: 67489

Ion Ratio Lower Upper

228 100

226 29.3 27.1 40.7

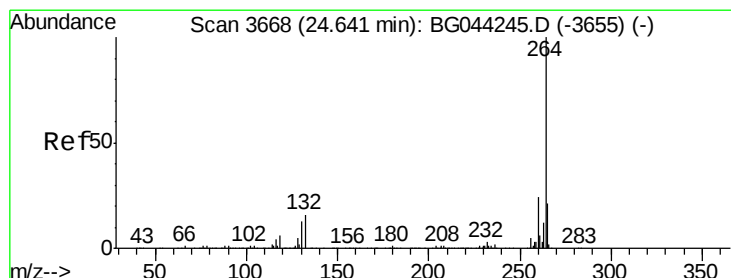
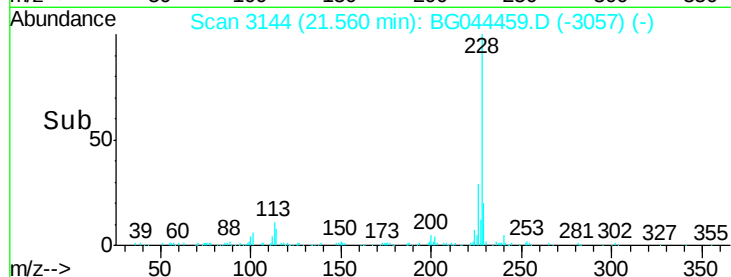
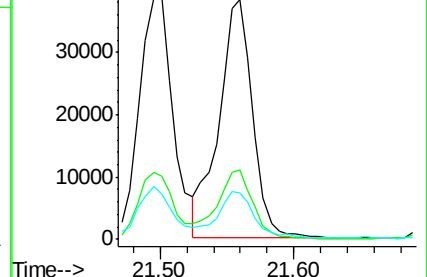
229 19.7 17.9 26.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#87

Perylene-d12

Concen: 20.00 ng

RT: 24.59 min Scan# 3660

Delta R.T. -0.03 min

Lab File: BG044459.D

Acq: 17 Feb 2020 22:55

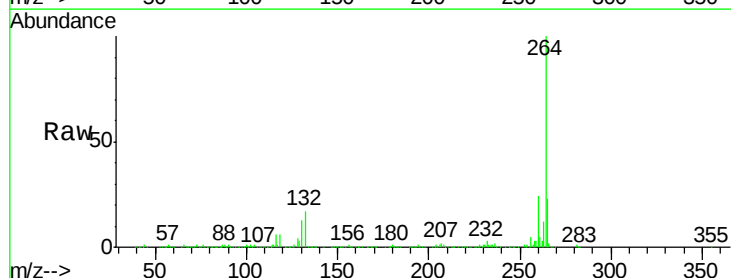
Tgt Ion:264 Resp: 469870

Ion Ratio Lower Upper

264 100

260 24.1 19.4 29.2

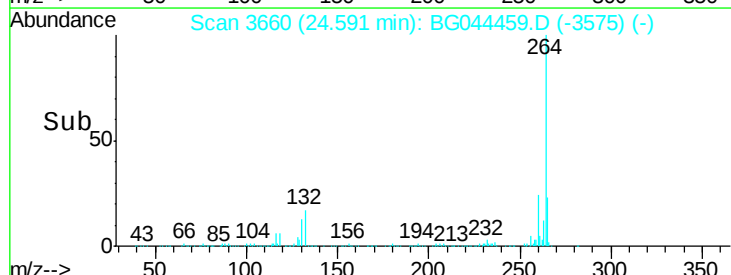
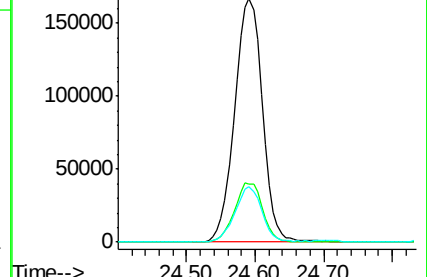
265 22.8 16.7 25.1

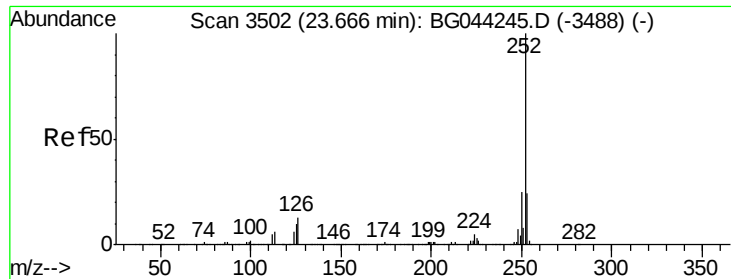


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#88

Benzo(b)fluoranthene

Concen: 2.90 ng

RT: 23.62 min Scan# 3495

Delta R.T. -0.02 min

Lab File: BG044459.D

Acq: 17 Feb 2020 22:55

Instrument :

BNA_G

ClientSampleId :

MARCY-GREEN-BH-03-C

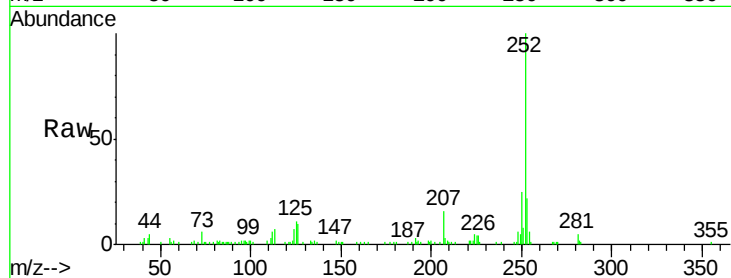
Tgt Ion:252 Resp: 78523

Ion Ratio Lower Upper

252 100

253 22.1 19.2 28.8

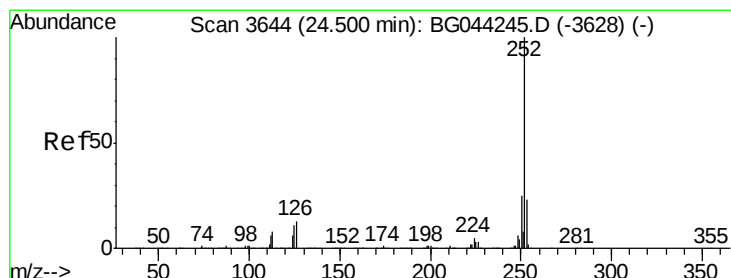
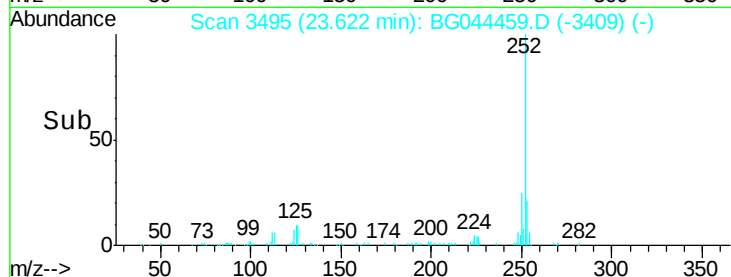
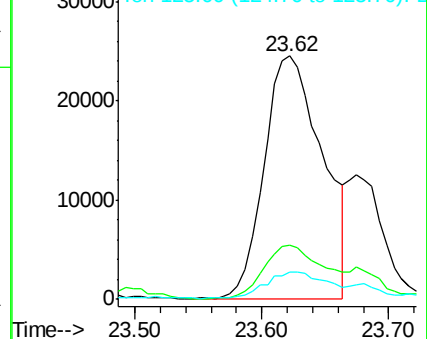
125 11.4 8.4 12.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 2.16 ng

RT: 24.44 min Scan# 3634

Delta R.T. -0.04 min

Lab File: BG044459.D

Acq: 17 Feb 2020 22:55

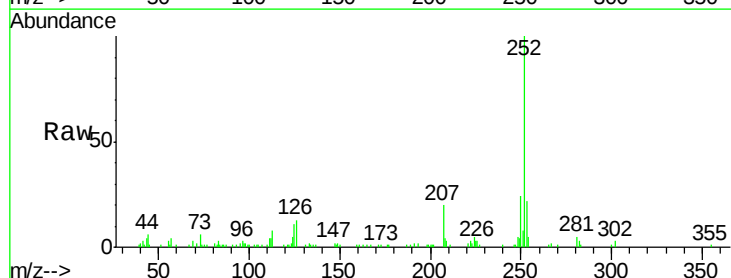
Tgt Ion:252 Resp: 55302

Ion Ratio Lower Upper

252 100

253 22.1 18.1 27.1

125 10.7 8.6 13.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

