

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG021720\
 Data File : BG044467.D
 Acq On : 18 Feb 2020 4:07
 Operator : CG/JU
 Sample : L1547-24
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MARCY-GREEN-BH-04-C

Quant Time: Feb 18 06:53:26 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

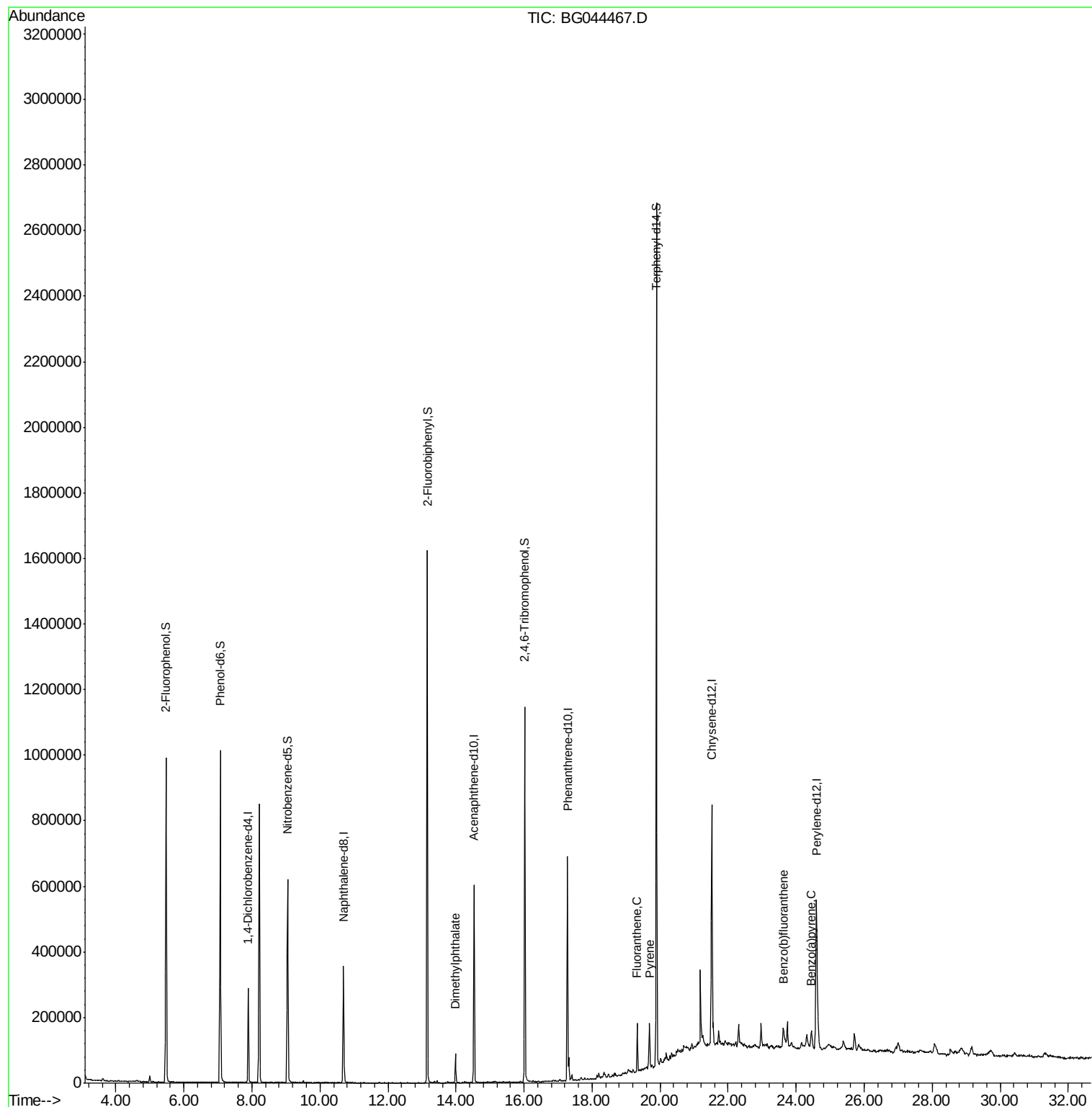
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	87642	20.00	ng	-0.02
21) Naphthalene-d8	10.69	136	345801	20.00	ng	0.00
39) Acenaphthene-d10	14.53	164	213341	20.00	ng	-0.02
64) Phenanthrene-d10	17.27	188	443122	20.00	ng	-0.02
76) Chrysene-d12	21.51	240	429165	20.00	ng	-0.02
87) Perylene-d12	24.59	264	461948	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	500539	100.79	ng	0.00
7) Phenol-d6	7.07	99	657270	98.56	ng	0.00
23) Nitrobenzene-d5	9.05	82	402468	65.71	ng	-0.02
42) 2,4,6-Tribromophenol	16.02	330	240032	95.84	ng	0.00
45) 2-Fluorobiphenyl	13.15	172	890876	69.93	ng	0.00
79) Terphenyl-d14	19.89	244	1277568	61.23	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	13.98	163	68374	4.46	ng	98
75) Fluoranthene	19.33	202	92636	3.73	ng	96
78) Pyrene	19.69	202	85560	3.10	ng	95
88) Benzo(b)fluoranthene	23.62	252	70693	2.66	ng	98
90) Benzo(a)pyrene	24.45	252	54301	2.16	ng	# 97

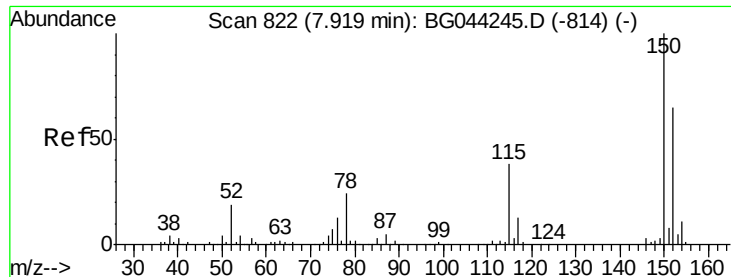
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG021720\
Data File : BG044467.D
Acq On : 18 Feb 2020 4:07
Operator : CG/JU
Sample : L1547-24
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MARCY-GREEN-BH-04-C

Quant Time: Feb 18 06:53:26 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.89 min Scan# 817

Delta R.T. -0.02 min

Lab File: BG044467.D

Acq: 18 Feb 2020 4:07

Instrument :

BNA_G

ClientSampleId :

MARCY-GREEN-BH-04-C

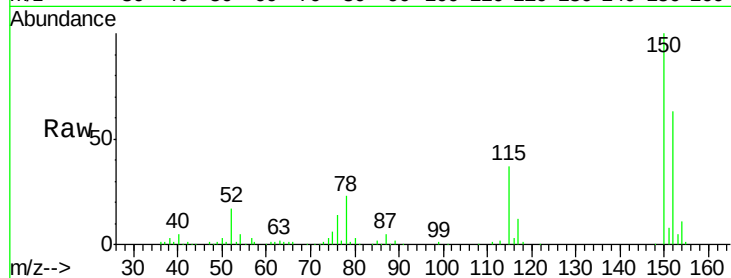
Tgt Ion:152 Resp: 87642

Ion Ratio Lower Upper

152 100

150 159.0 122.6 183.8

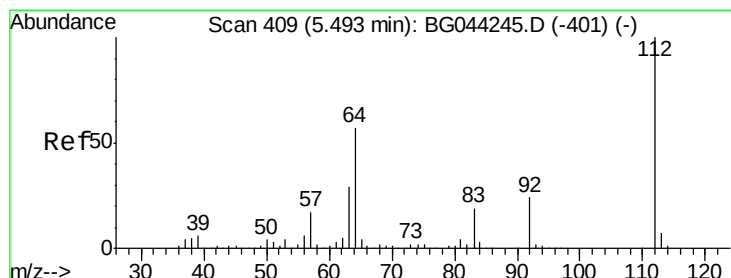
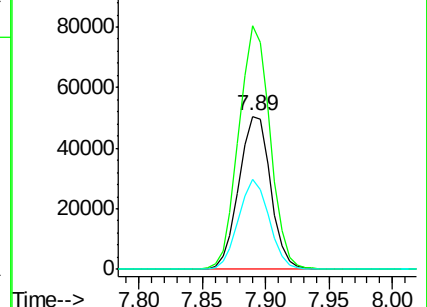
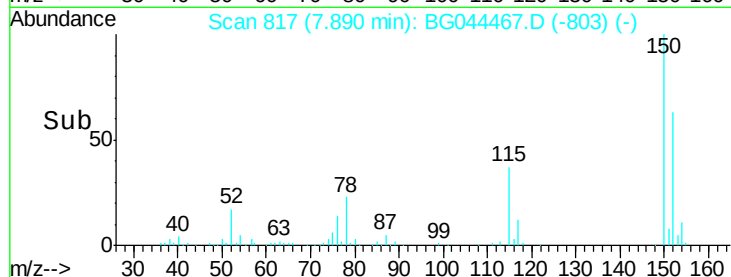
115 58.8 46.0 69.0



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: 100.79 ng

RT: 5.47 min Scan# 406

Delta R.T. -0.00 min

Lab File: BG044467.D

Acq: 18 Feb 2020 4:07

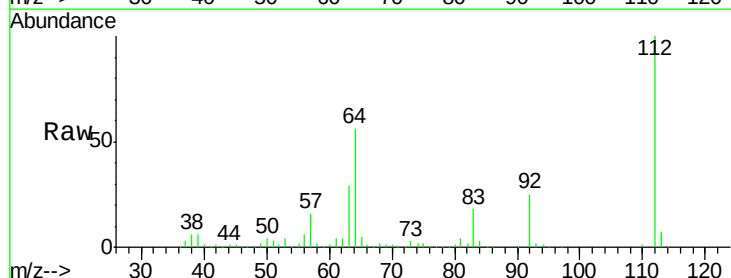
Tgt Ion:112 Resp: 500539

Ion Ratio Lower Upper

112 100

64 56.2 45.4 68.2

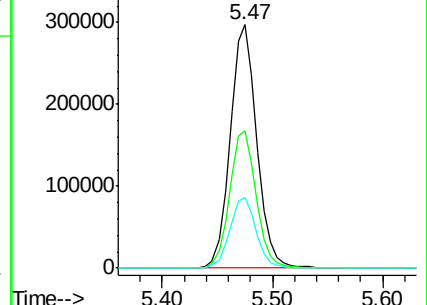
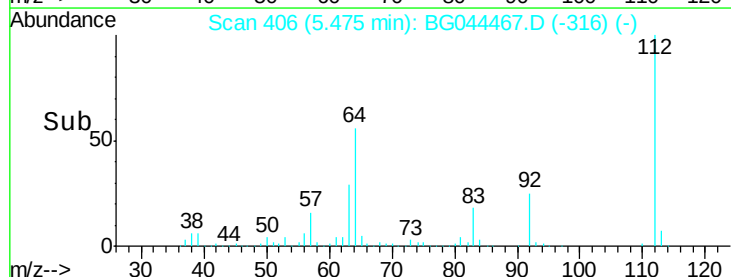
63 29.0 22.9 34.3

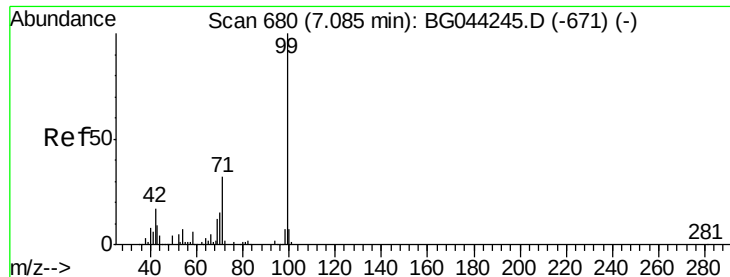


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 98.56 ng

RT: 7.07 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG044467.D

Acq: 18 Feb 2020 4:07

Instrument :

BNA_G

ClientSampleId :

MARCY-GREEN-BH-04-C

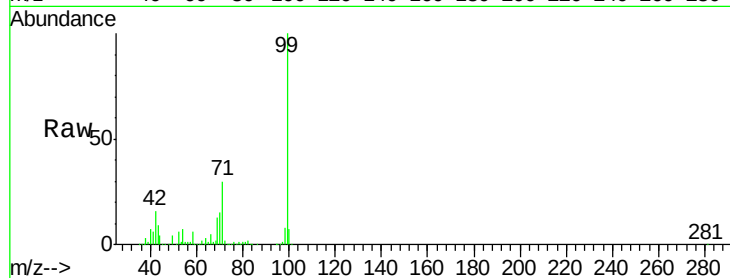
Tgt Ion: 99 Resp: 657270

Ion Ratio Lower Upper

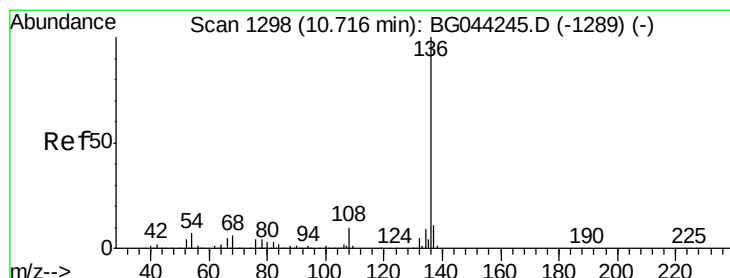
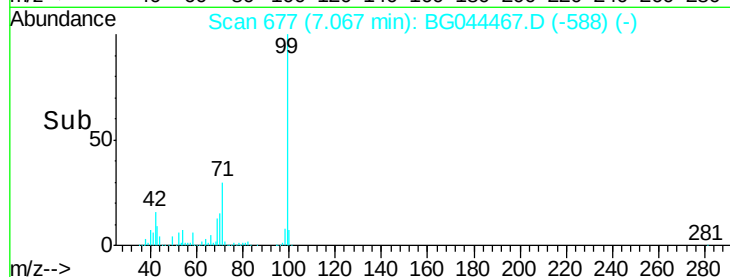
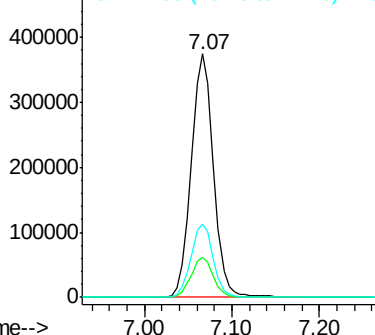
99 100

42 16.2 13.8 20.6

71 30.1 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: BG044467.D

Acq: 18 Feb 2020 4:07

Tgt Ion: 136 Resp: 345801

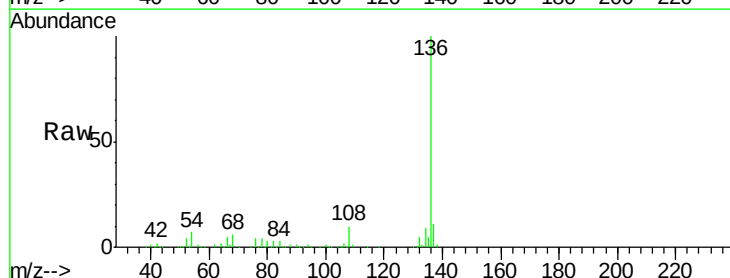
Ion Ratio Lower Upper

136 100

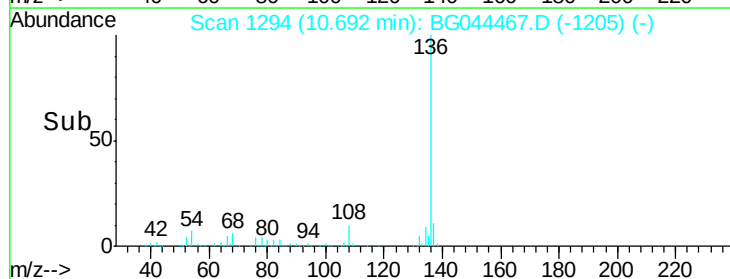
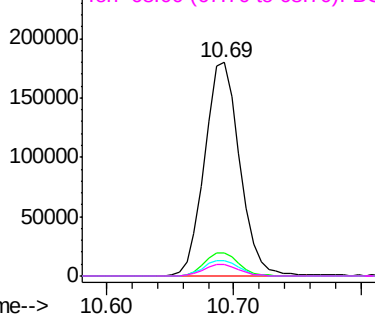
137 10.8 8.8 13.2

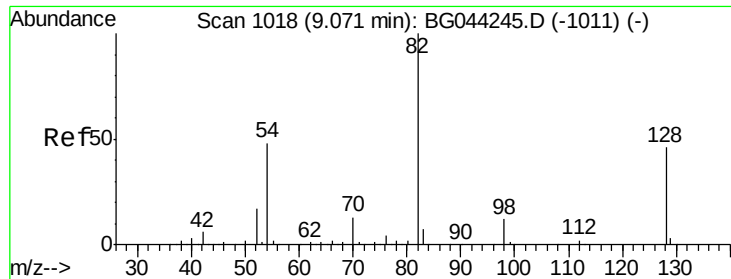
54 7.0 5.8 8.8

68 5.6 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

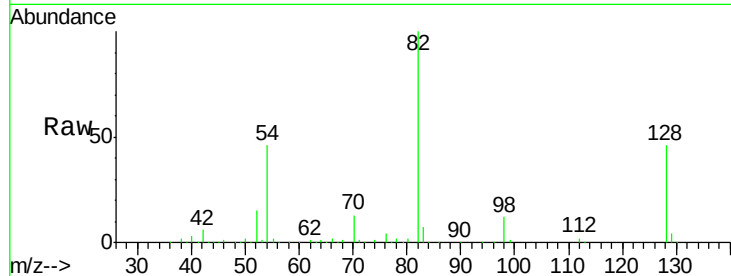




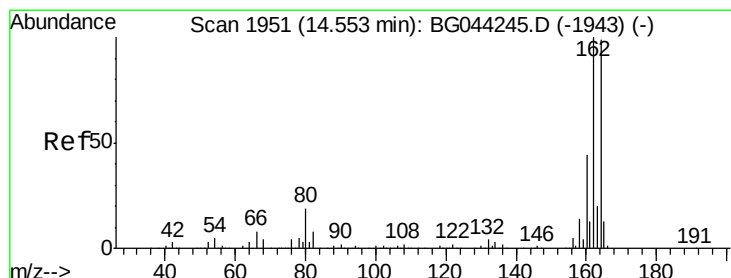
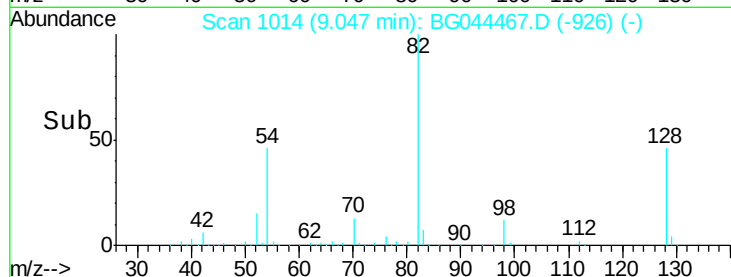
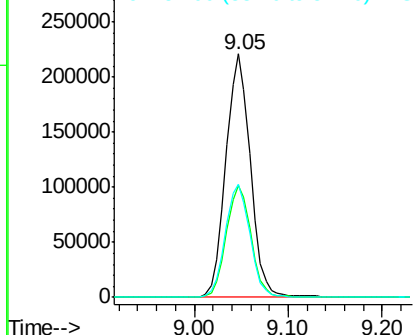
#23
 Nitrobenzene-d5
 Concen: 65.71 ng
 RT: 9.05 min Scan# 1014
 Delta R.T. -0.02 min
 Lab File: BG044467.D
 Acq: 18 Feb 2020 4:07

Instrument :
 BNA_G
 ClientSampleId :
 MARCY-GREEN-BH-04-C

Tgt Ion	Ratio	Lower	Upper
82	100		
128	46.1	36.5	54.7
54	46.3	38.6	58.0

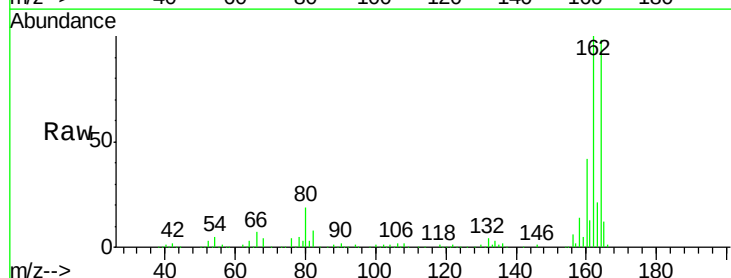


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

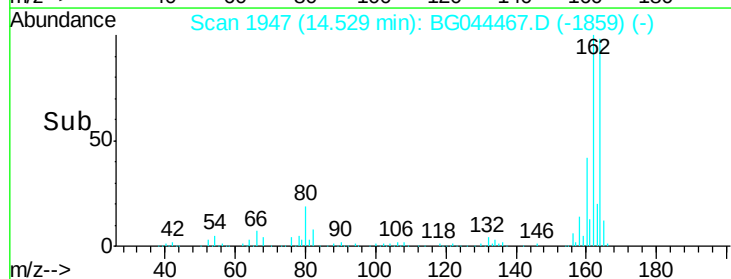
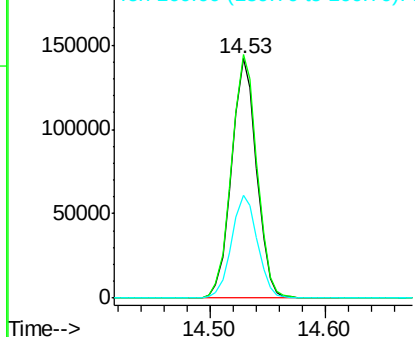


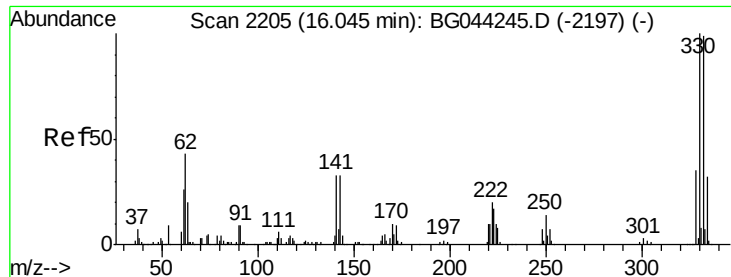
#39
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.53 min Scan# 1947
 Delta R.T. -0.02 min
 Lab File: BG044467.D
 Acq: 18 Feb 2020 4:07

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.8	80.7	121.1
160	43.0	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

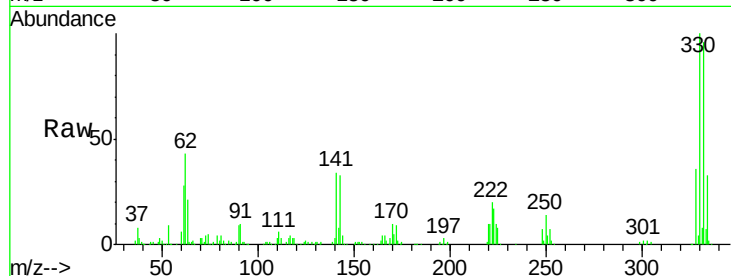




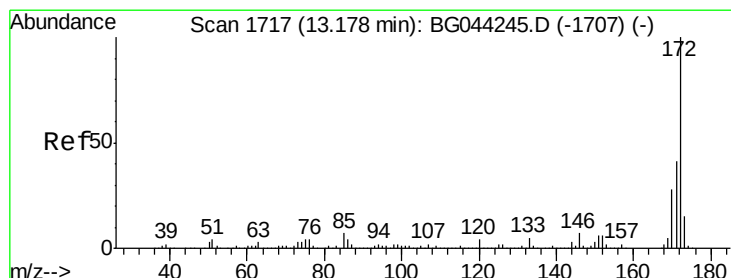
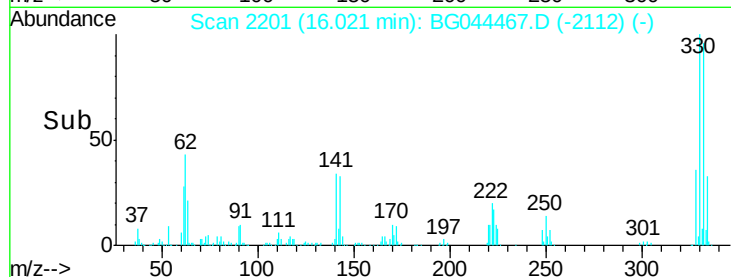
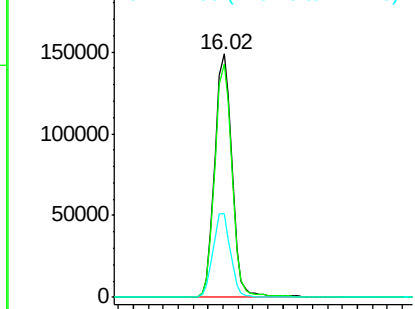
#42
 2,4,6-Tribromophenol
 Concen: 95.84 ng
 RT: 16.02 min Scan# 2201
 Delta R.T. -0.01 min
 Lab File: BG044467.D
 Acq: 18 Feb 2020 4:07

Instrument :
 BNA_G
 ClientSampleId :
 MARCY-GREEN-BH-04-C

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.2	115.8
141	34.7	28.3	42.5

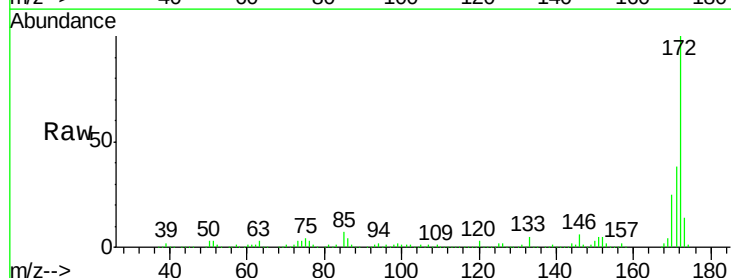


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

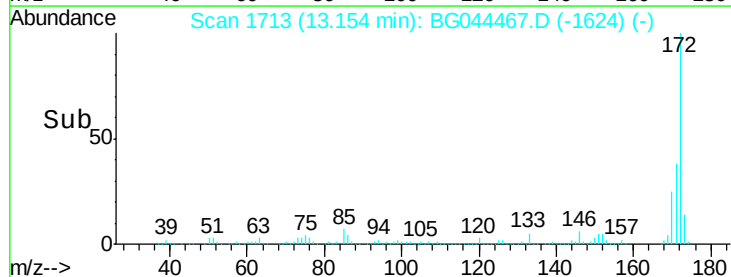
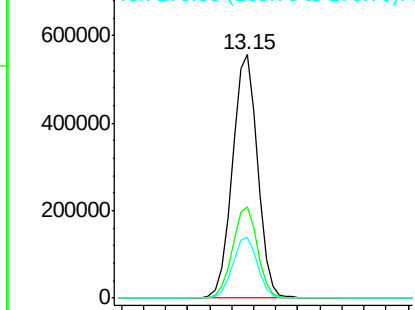


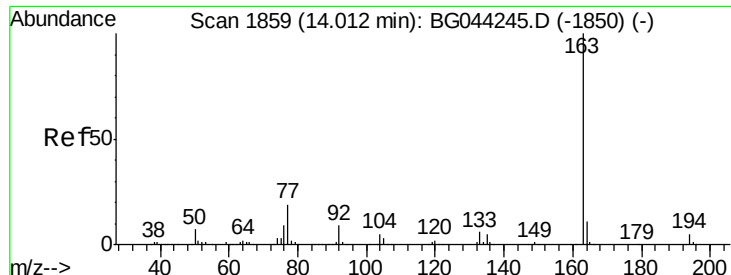
#45
 2-Fluorobiphenyl
 Concen: 69.93 ng
 RT: 13.15 min Scan# 1713
 Delta R.T. -0.01 min
 Lab File: BG044467.D
 Acq: 18 Feb 2020 4:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.7	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: 4.46 ng

RT: 13.98 min Scan# 1854

Delta R.T. -0.02 min

Lab File: BG044467.D

Acq: 18 Feb 2020 4:07

Instrument :

BNA_G

ClientSampleId :

MARCY-GREEN-BH-04-C

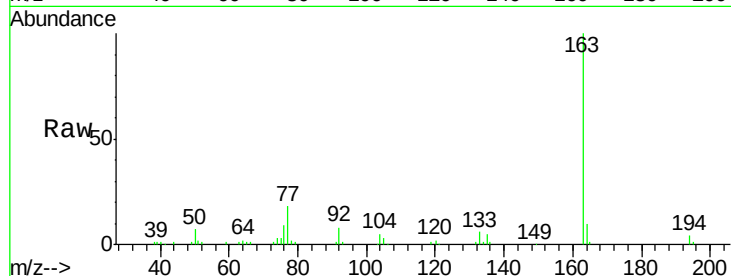
Tgt Ion:163 Resp: 68374

Ion Ratio Lower Upper

163 100

194 4.1 3.6 5.4

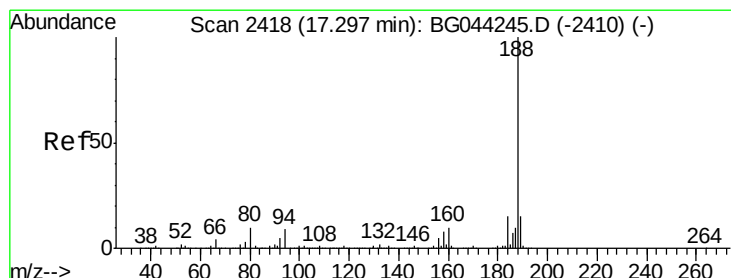
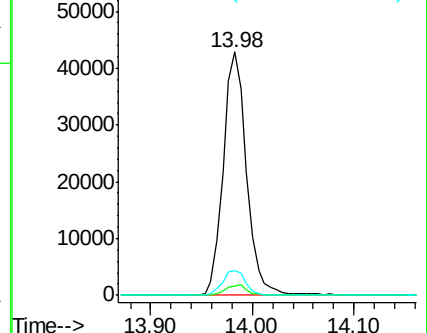
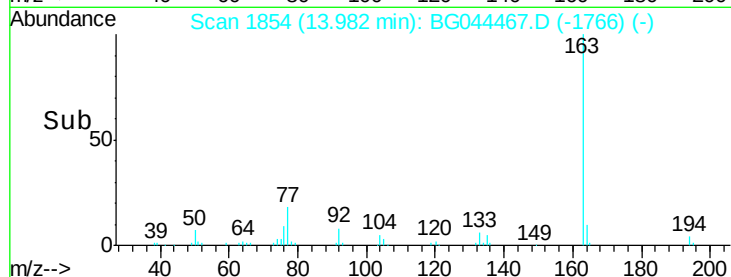
164 10.2 8.7 13.1



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: BG044467.D

Acq: 18 Feb 2020 4:07

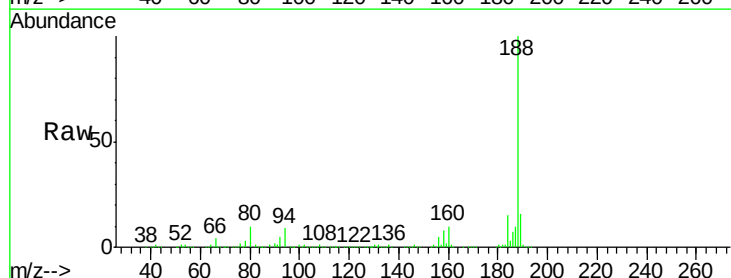
Tgt Ion:188 Resp: 443122

Ion Ratio Lower Upper

188 100

94 9.0 7.4 11.2

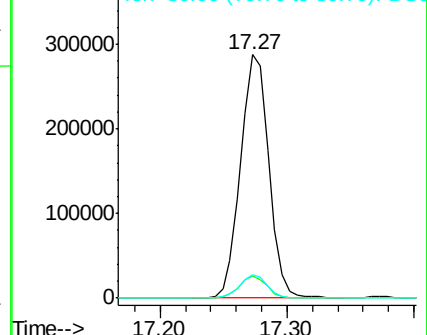
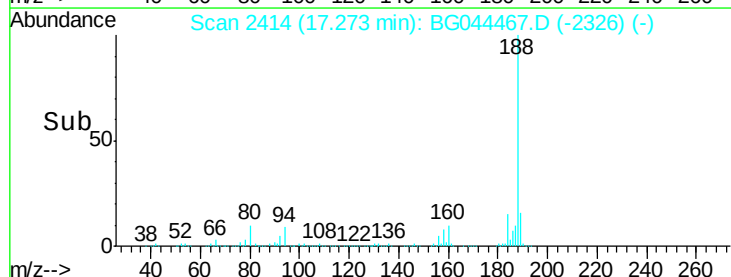
80 9.6 7.7 11.5

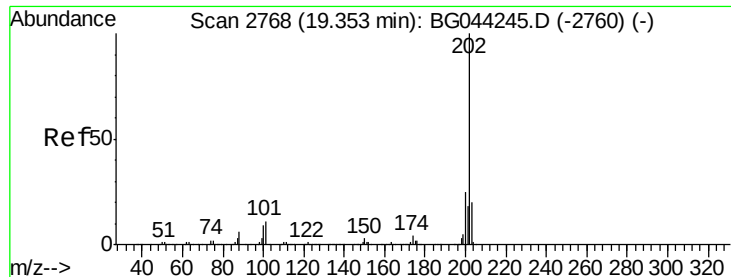


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#75

Fluoranthene

Concen: 3.73 ng

RT: 19.33 min Scan# 2764

Delta R.T. -0.01 min

Lab File: BG044467.D

Acq: 18 Feb 2020 4:07

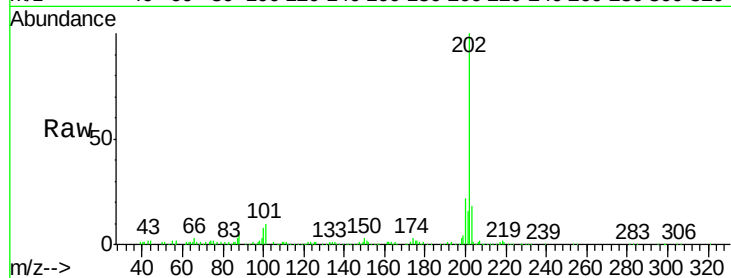
Instrument :

BNA_G

ClientSampleId :

MARCY-GREEN-BH-04-C

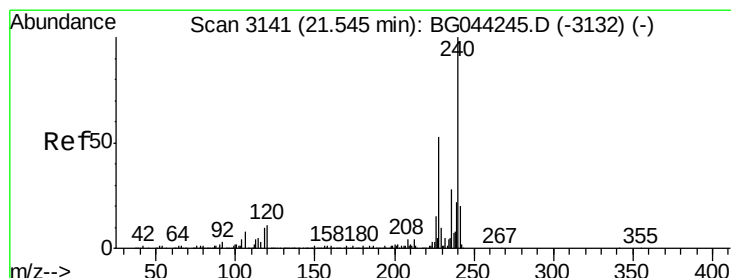
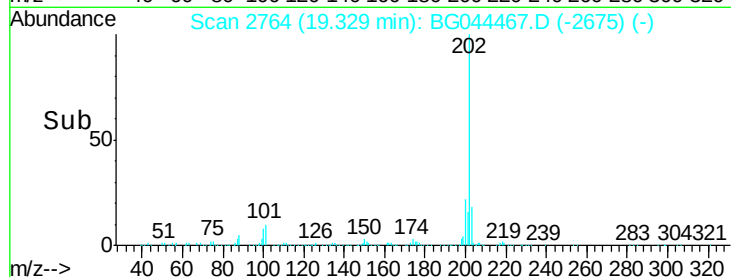
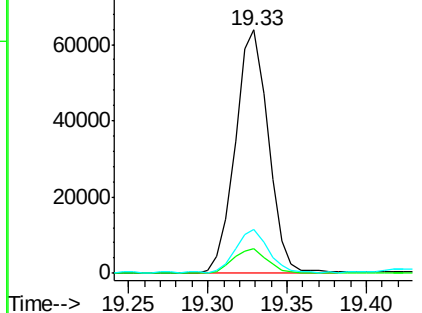
Tgt Ion:	202	Resp:	92636
Ion Ratio	Lower	Upper	
202	100		
101	10.1	0.0	31.3
203	18.0	0.0	39.9



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

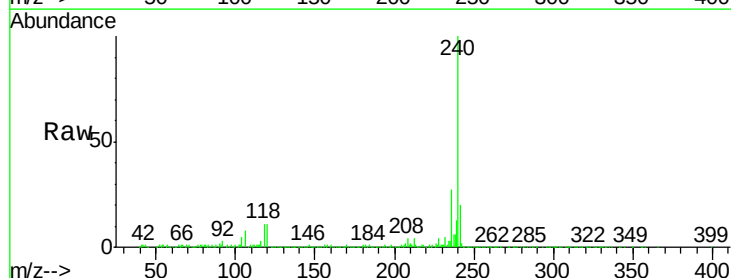
RT: 21.51 min Scan# 3136

Delta R.T. -0.02 min

Lab File: BG044467.D

Acq: 18 Feb 2020 4:07

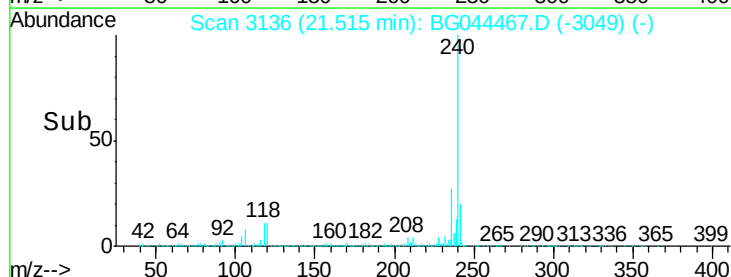
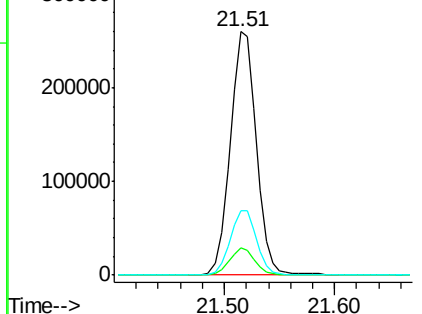
Tgt Ion:	240	Resp:	429165
Ion Ratio	Lower	Upper	
240	100		
120	11.1	8.4	12.6
236	26.6	22.1	33.1

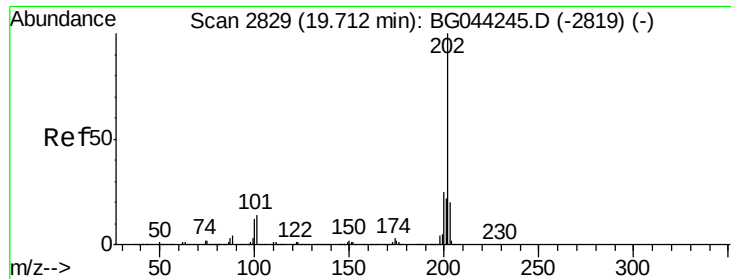


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

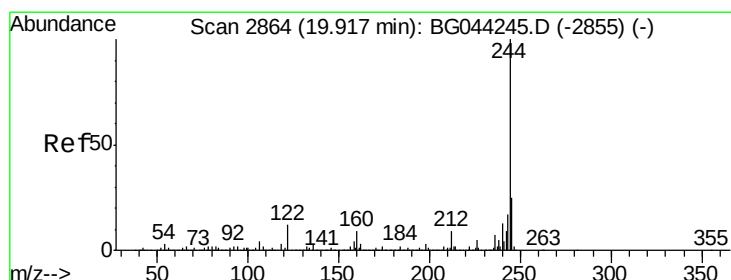
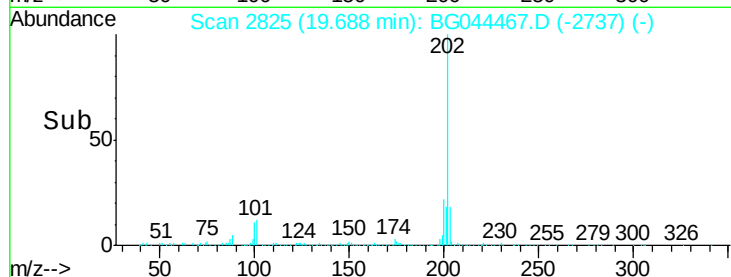
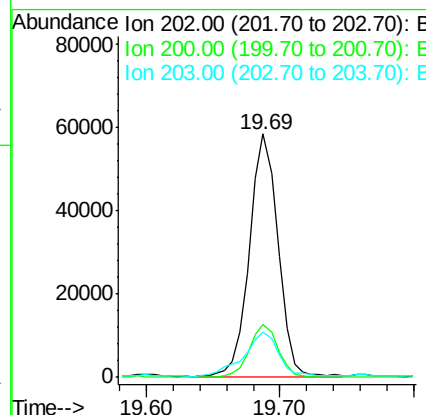
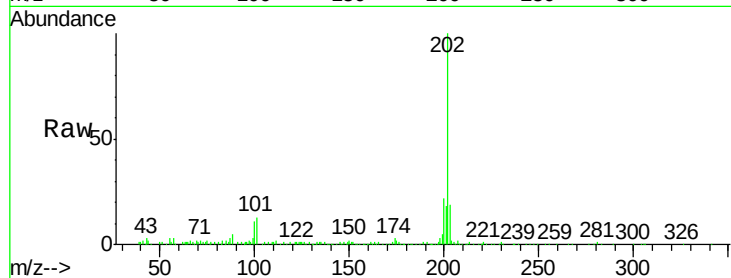




#78
 Pyrene
 Concen: 3.10 ng
 RT: 19.69 min Scan# 2825
 Delta R.T. -0.02 min
 Lab File: BG044467.D
 Acq: 18 Feb 2020 4:07

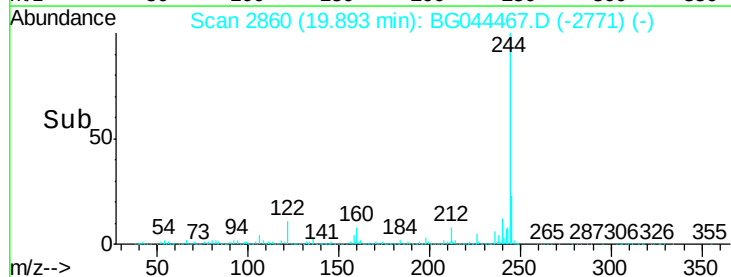
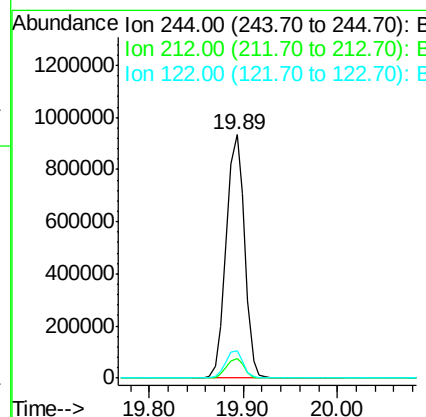
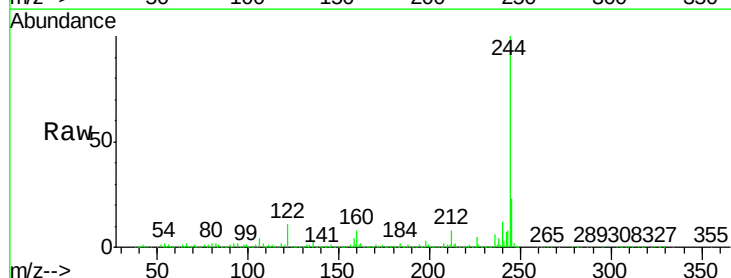
Instrument :
 BNA_G
 ClientSampleId :
 MARCY-GREEN-BH-04-C

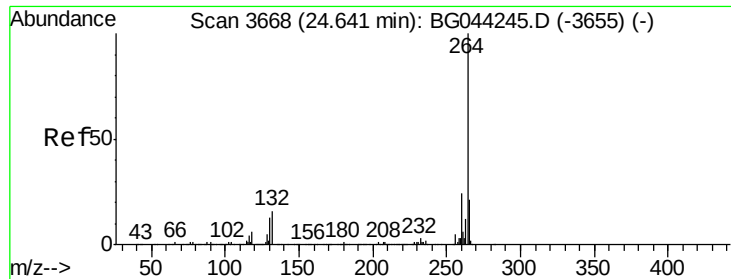
Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.8	20.0	30.0
203	18.6	16.2	24.2



#79
 Terphenyl-d14
 Concen: 61.23 ng
 RT: 19.89 min Scan# 2860
 Delta R.T. -0.01 min
 Lab File: BG044467.D
 Acq: 18 Feb 2020 4:07

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.2	7.4	11.2
122	11.1	9.8	14.6

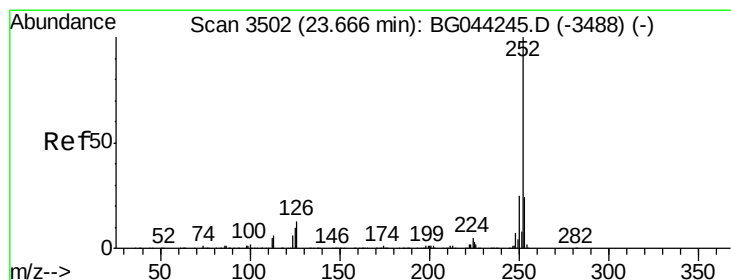
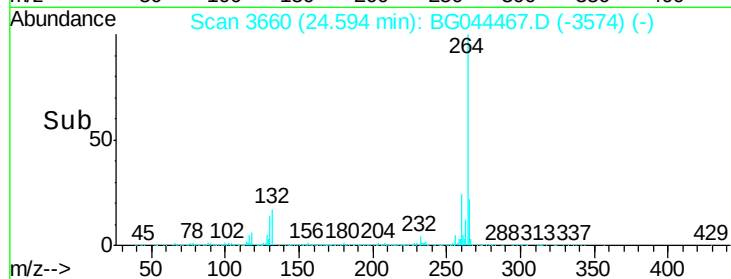
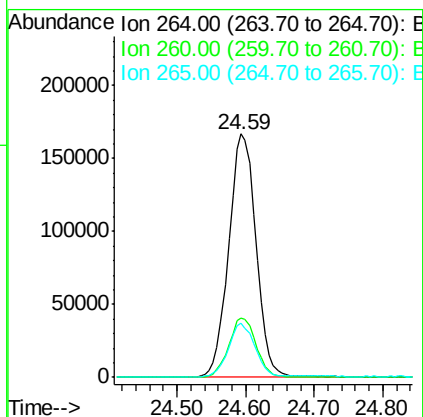
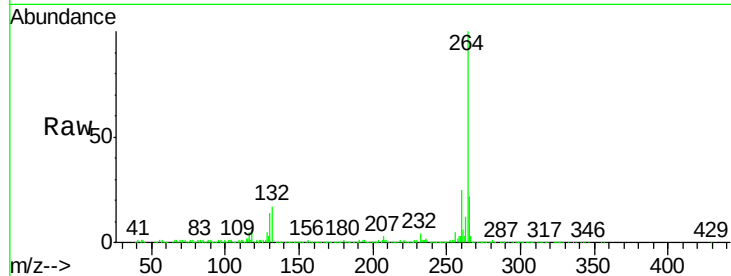




#87
Perylene-d12
Concen: 20.00 ng
RT: 24.59 min Scan# 3660
Delta R.T. -0.03 min
Lab File: BG044467.D
Acq: 18 Feb 2020 4:07

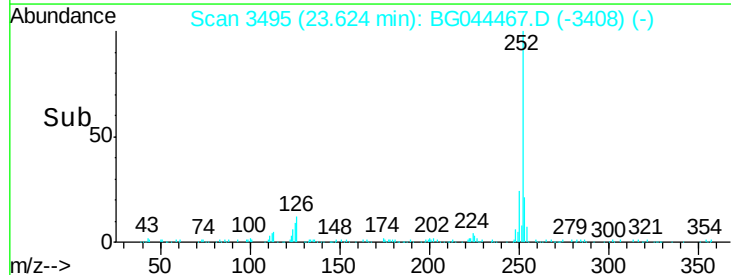
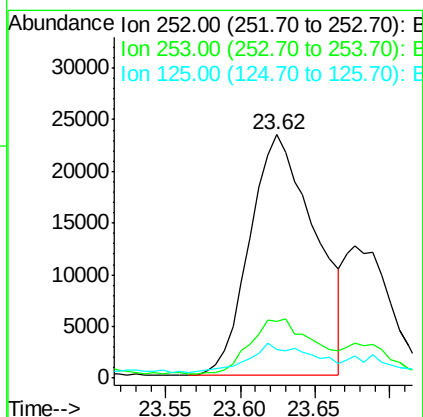
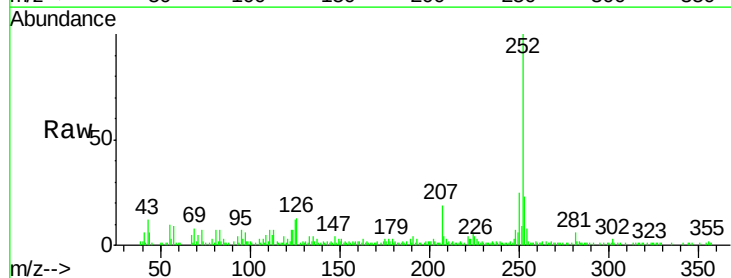
Instrument :
BNA_G
ClientSampleId :
MARCY-GREEN-BH-04-C

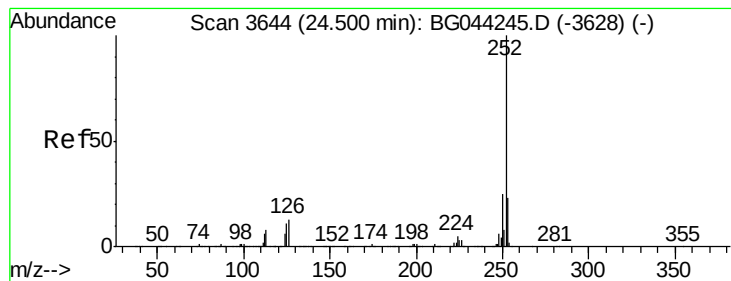
Tgt Ion:264 Resp: 461948
Ion Ratio Lower Upper
264 100
260 24.6 19.4 29.2
265 22.2 16.7 25.1



#88
Benzo(b)fluoranthene
Concen: 2.66 ng
RT: 23.62 min Scan# 3495
Delta R.T. -0.02 min
Lab File: BG044467.D
Acq: 18 Feb 2020 4:07

Tgt Ion:252 Resp: 70693
Ion Ratio Lower Upper
252 100
253 23.2 19.2 28.8
125 11.9 8.4 12.6





#90

Benzo(a)pyrene

Concen: 2.16 ng

RT: 24.45 min Scan# 3636

Delta R.T. -0.02 min

Lab File: BG044467.D

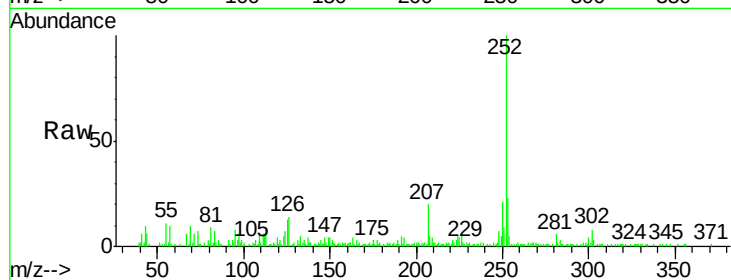
Acq: 18 Feb 2020 4:07

Instrument :

BNA_G

ClientSampleId :

MARCY-GREEN-BH-04-C



Tgt Ion:	252	Resp:	54301
Ion Ratio	Lower	Upper	
252	100		
253	23.1	18.1	27.1
125	13.1	8.6	13.0#

