

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021920\
 Data File : BG044509.D
 Acq On : 20 Feb 2020 3:56
 Operator : CG/JU
 Sample : L1547-13
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

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

Quant Time: Feb 20 08:31:37 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

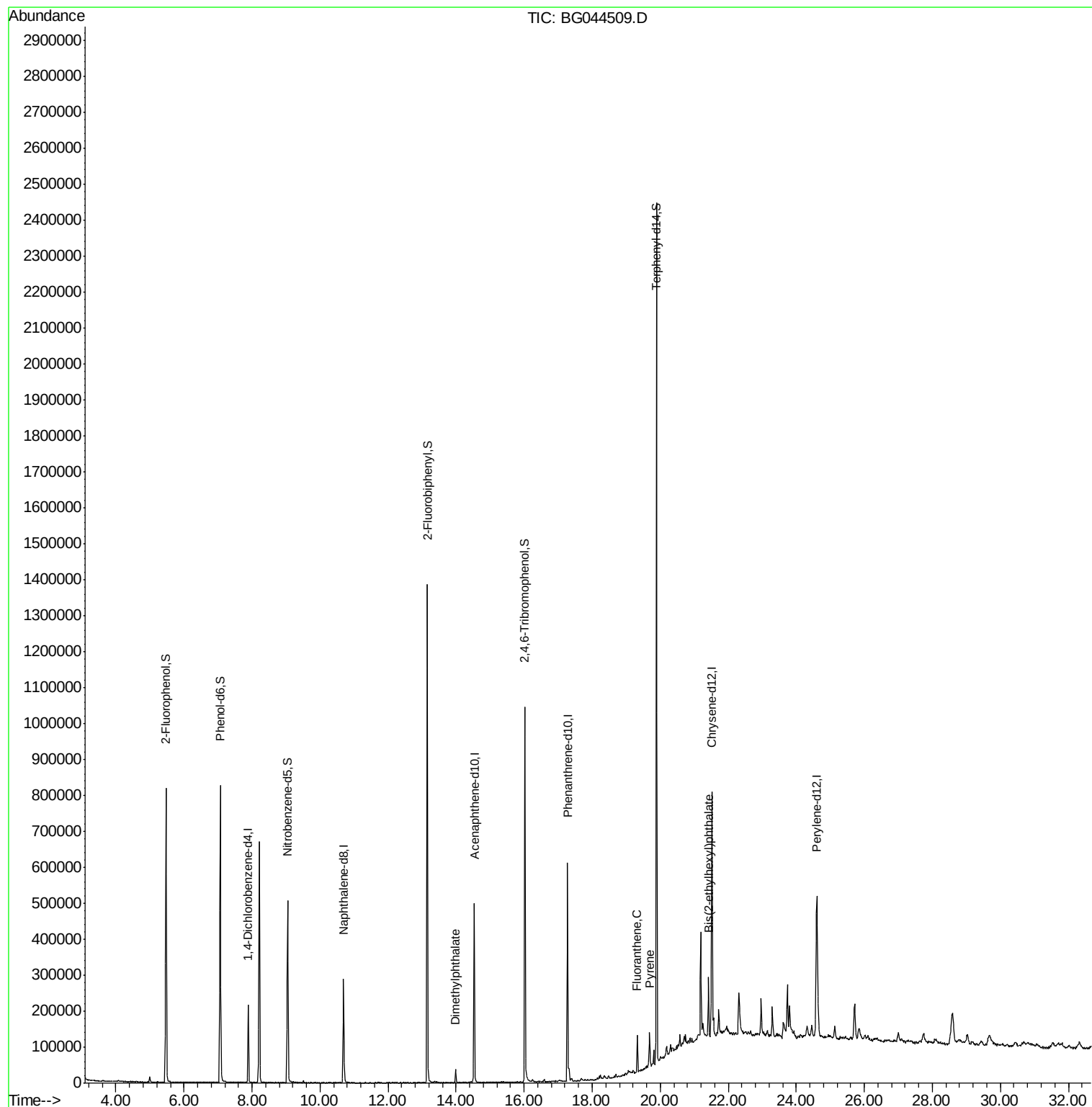
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	65907	20.00	ng	-0.01
21) Naphthalene-d8	10.69	136	278817	20.00	ng	-0.01
39) Acenaphthene-d10	14.53	164	184079	20.00	ng	-0.01
64) Phenanthrene-d10	17.28	188	396904	20.00	ng	-0.01
76) Chrysene-d12	21.52	240	375763	20.00	ng	-0.02
87) Perylene-d12	24.60	264	404328	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	419055	112.21	ng	-0.01
7) Phenol-d6	7.06	99	550034	109.68	ng	-0.01
23) Nitrobenzene-d5	9.04	82	333108	67.45	ng	-0.02
42) 2,4,6-Tribromophenol	16.02	330	221848	102.66	ng	-0.01
45) 2-Fluorobiphenyl	13.15	172	765116	69.60	ng	-0.01
79) Terphenyl-d14	19.89	244	1130959	61.91	ng	-0.01
Target Compounds						
50) Dimethylphthalate	13.99	163	30779	2.326	ng	95
75) Fluoranthene	19.33	202	64446	2.899	ng	97
78) Pyrene	19.69	202	58926	2.442	ng	94
84) Bis(2-ethylhexyl)phthalate	21.42	149	70615	4.665	ng	96

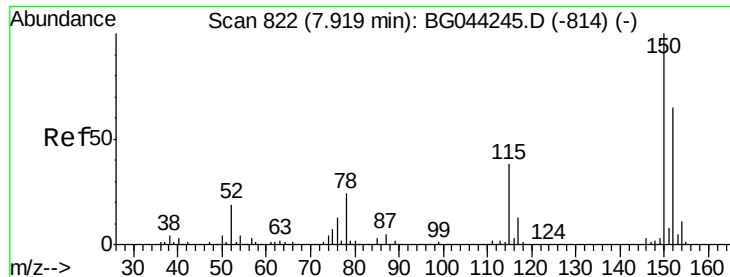
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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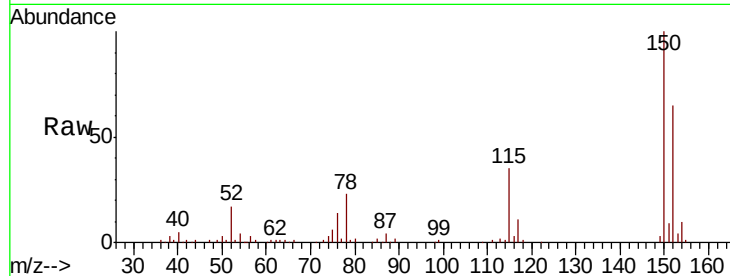


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.89 min Scan# 818
 Delta R.T. -0.01 min
 Lab File: BG044509.D
 Acq: 20 Feb 2020 3:56

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.5	122.6	183.8
115	53.2	46.0	69.0

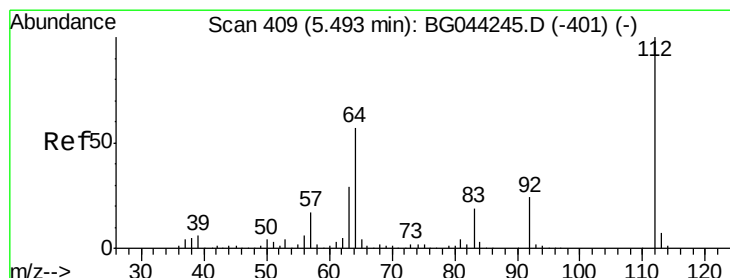
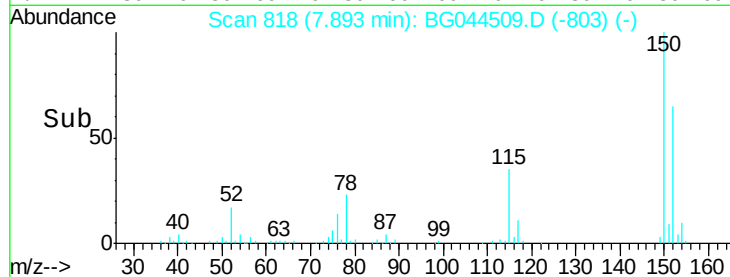
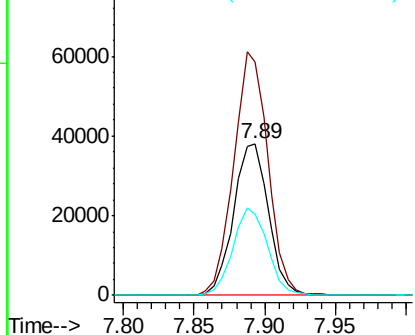


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

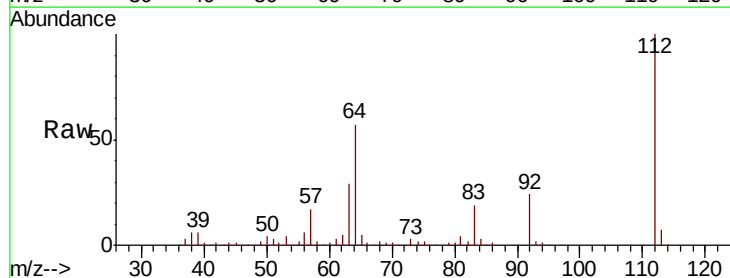
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 112.214 ng
 RT: 5.47 min Scan# 405
 Delta R.T. -0.01 min
 Lab File: BG044509.D
 Acq: 20 Feb 2020 3:56

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.6	45.4	68.2
63	28.9	22.9	34.3

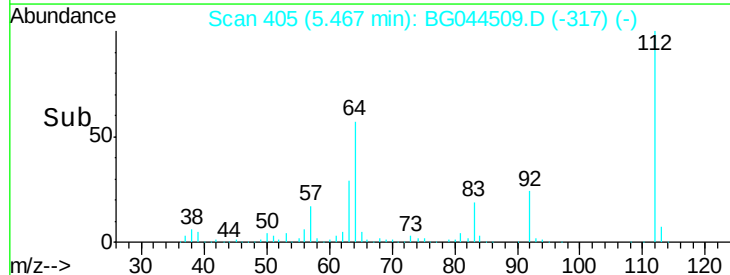
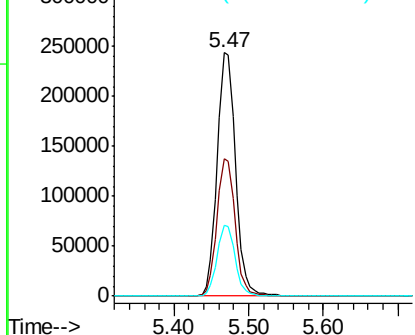


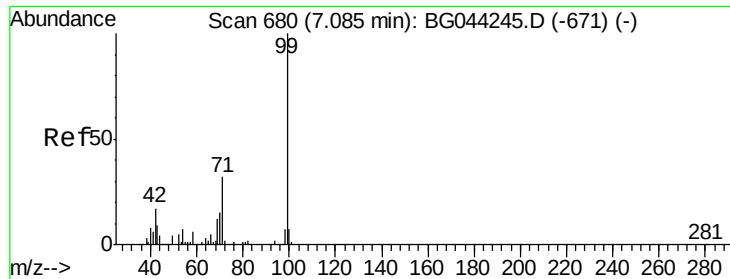
Abundance

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: 109.682 ng

RT: 7.06 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG044509.D

Acq: 20 Feb 2020 3:56

Instrument :

BNA_G

ClientSampleId :

MARCY-GREEN-BH-03-A

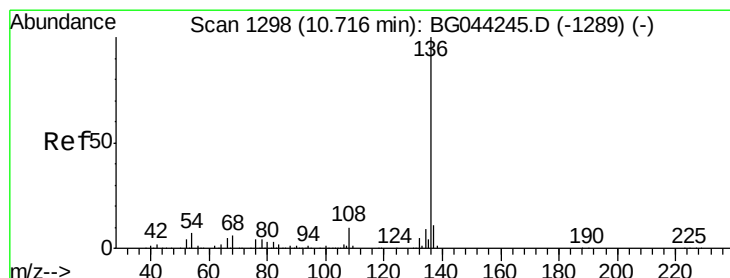
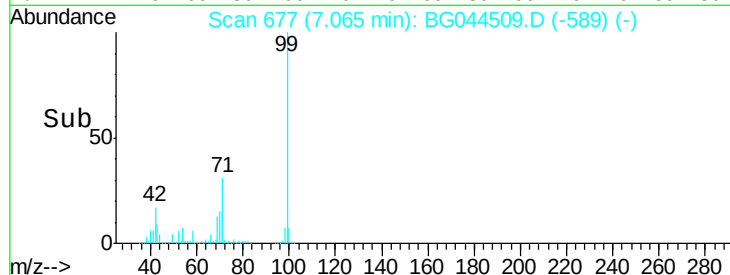
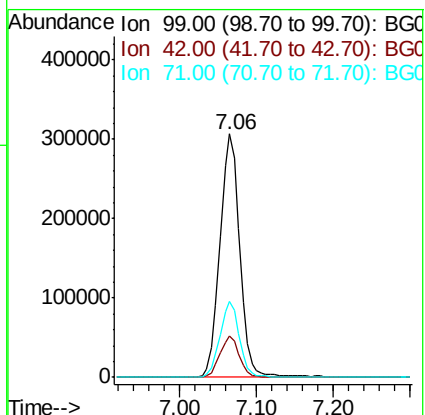
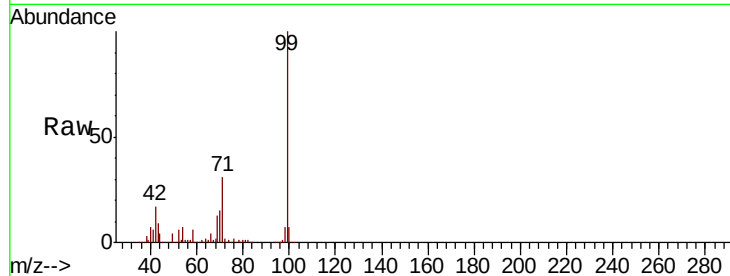
Tot Ion: 99 Resp: 550034

Ion Ratio Lower Upper

99 100

42 16.8 13.8 20.6

71 30.9 25.5 38.3



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.69 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BG044509.D

Acq: 20 Feb 2020 3:56

Tgt Ion: 136 Resp: 278817

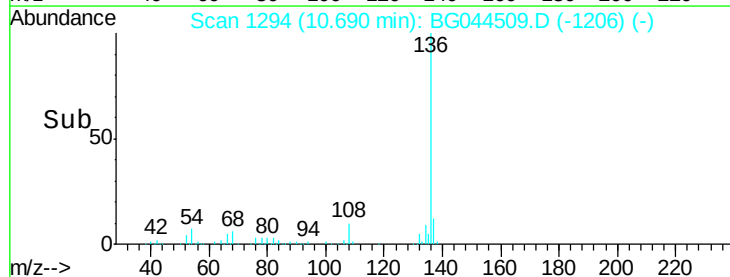
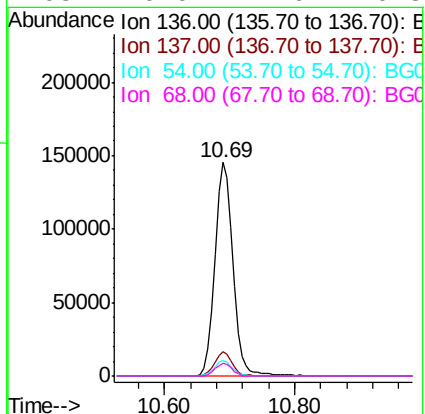
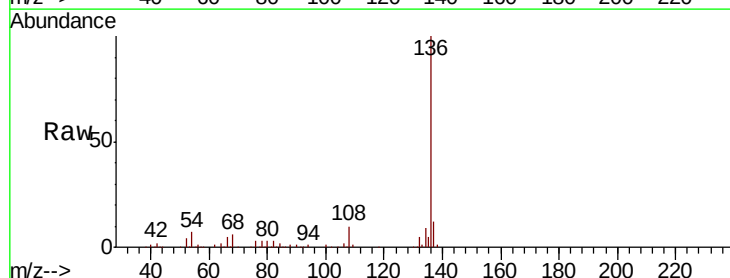
Ion Ratio Lower Upper

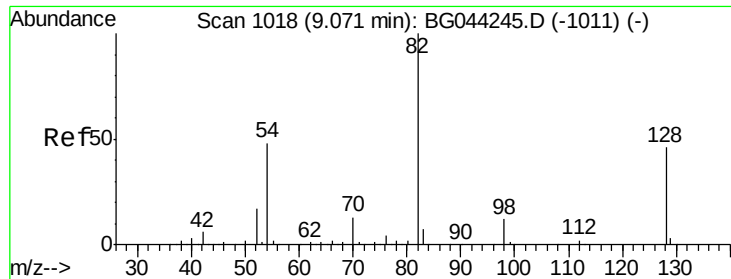
136 100

137 11.6 8.8 13.2

54 7.2 5.8 8.8

68 6.0 4.6 6.8

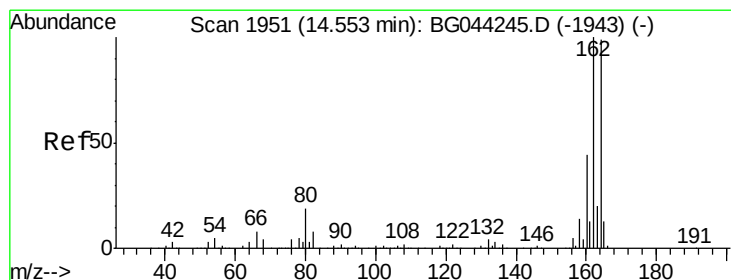
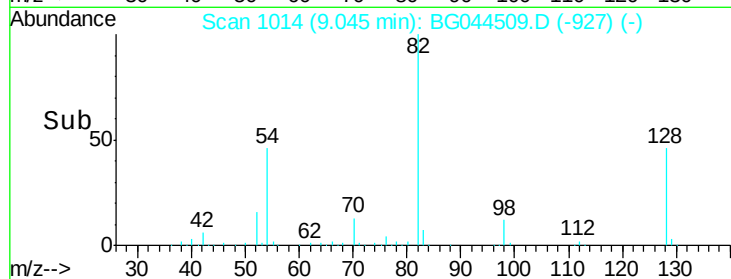
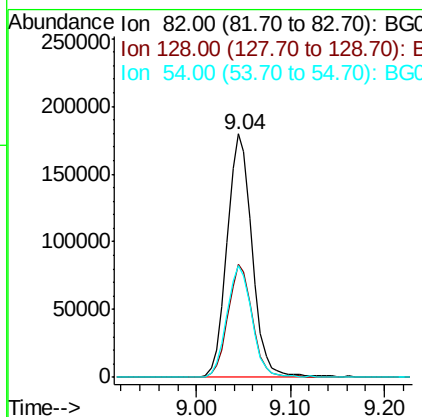
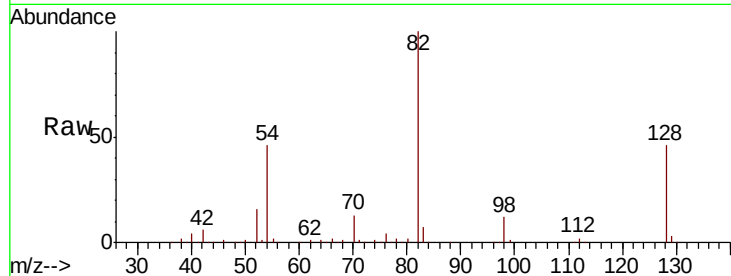




#23
Nitrobenzene-d5
Concen: 67.449 ng
RT: 9.04 min Scan# 1014
Delta R.T. -0.02 min
Lab File: BG044509.D
Acq: 20 Feb 2020 3:56

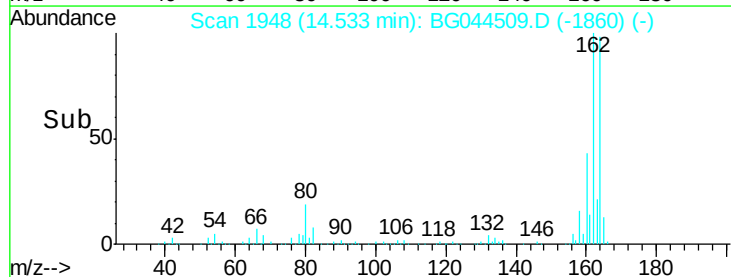
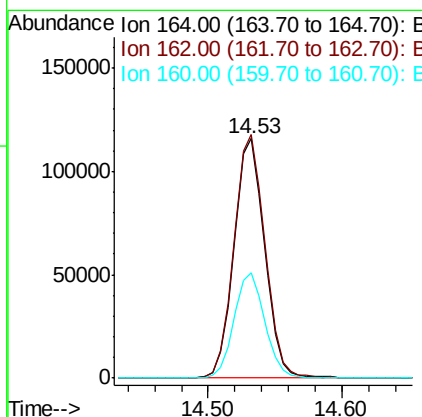
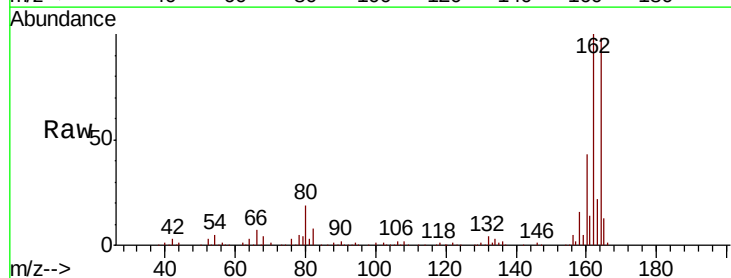
Instrument :
BNA_G
ClientSampleId :
MARCY-GREEN-BH-03-A

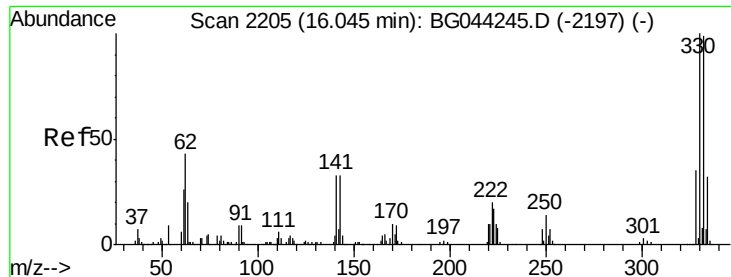
Tot Ion	82	Resp	333108
Ion Ratio	100	Lower	Upper
128	46.3	36.5	54.7
54	45.7	38.6	58.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.53 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BG044509.D
Acq: 20 Feb 2020 3:56

Tgt Ion	164	Resp	184079
Ion Ratio	100	Lower	Upper
162	101.6	80.7	121.1
160	43.8	35.3	52.9

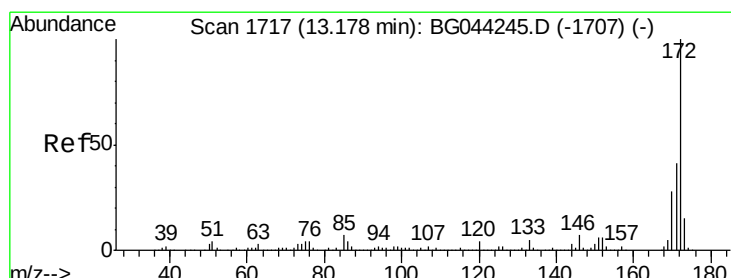
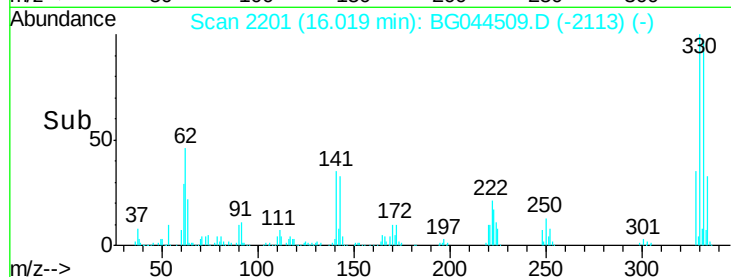
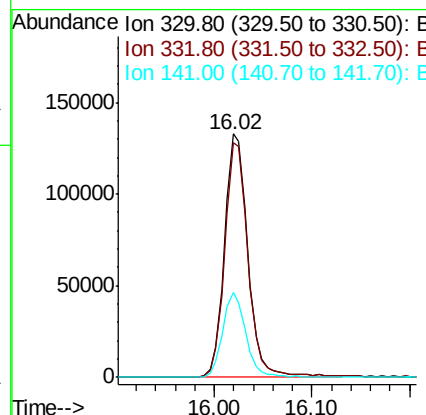
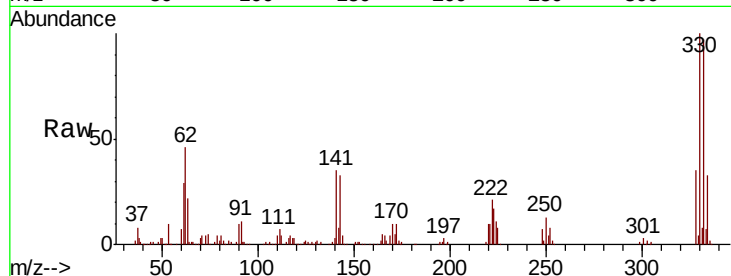




#42
 2,4,6-Tribromophenol
 Concen: 102.661 ng
 RT: 16.02 min Scan# 2201
 Delta R.T. -0.01 min
 Lab File: BG044509.D
 Acq: 20 Feb 2020 3:56

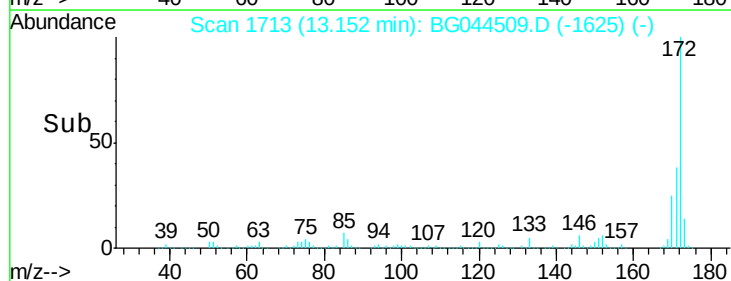
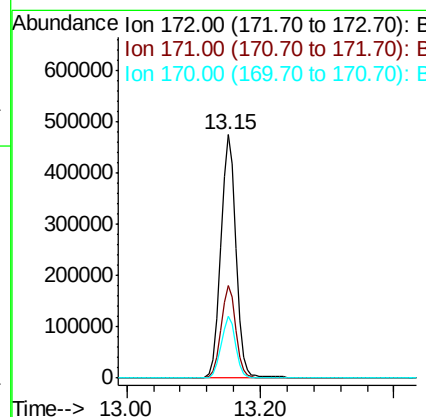
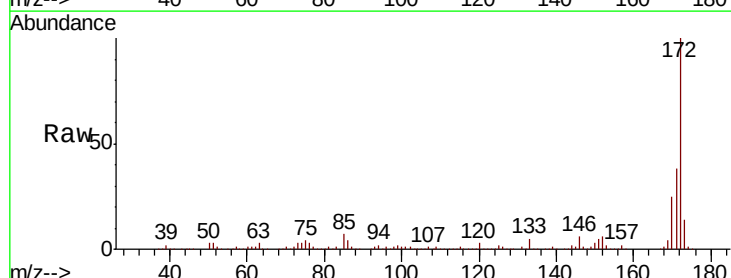
Instrument :
 BNA_G
 ClientSampleId :
 MARCY-GREEN-BH-03-A

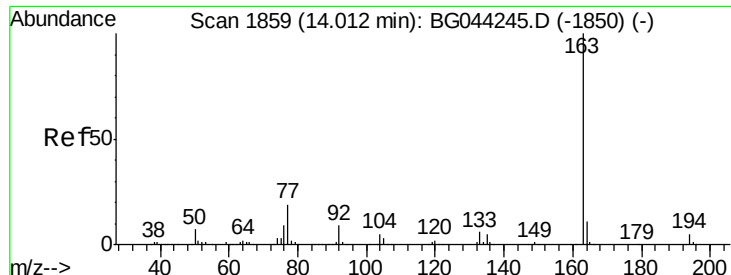
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.2	115.8
141	34.6	28.3	42.5



#45
 2-Fluorobiphenyl
 Concen: 69.602 ng
 RT: 13.15 min Scan# 1713
 Delta R.T. -0.01 min
 Lab File: BG044509.D
 Acq: 20 Feb 2020 3:56

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.9	32.9	49.3
170	25.4	22.0	33.0





#50

Dimethylphthalate

Concen: 2.326 ng

RT: 13.99 min Scan# 1855

Delta R.T. -0.01 min

Lab File: BG044509.D

Acq: 20 Feb 2020 3:56

Instrument :

BNA_G

ClientSampleId :

MARCY-GREEN-BH-03-A

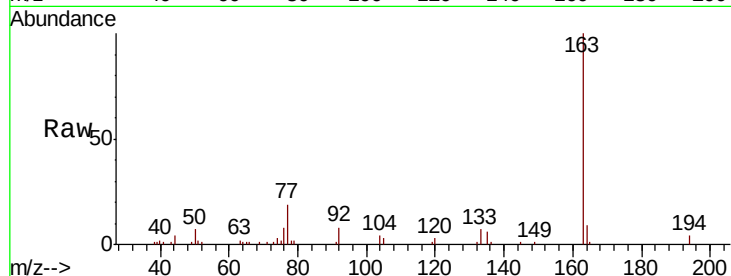
Tot Ion:163 Resp: 30779

Ion Ratio Lower Upper

163 100

194 3.6 3.6 5.4

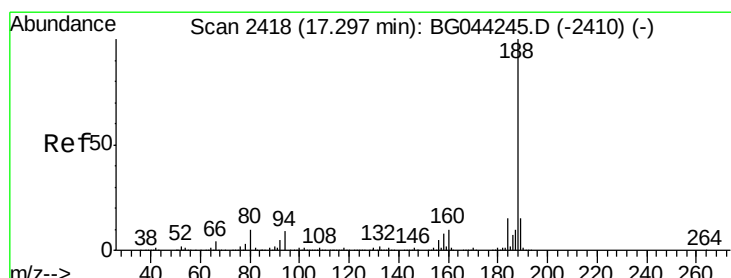
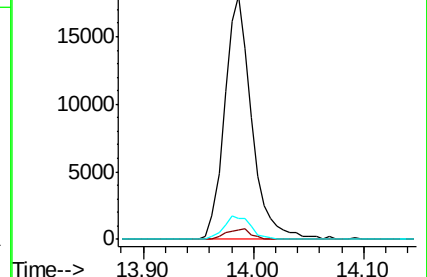
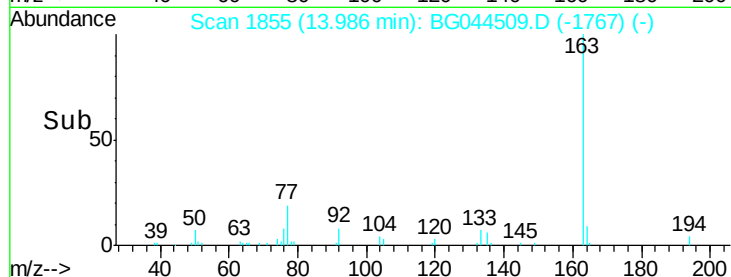
164 8.8 8.7 13.1



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: 20.000 ng

RT: 17.28 min Scan# 2415

Delta R.T. -0.01 min

Lab File: BG044509.D

Acq: 20 Feb 2020 3:56

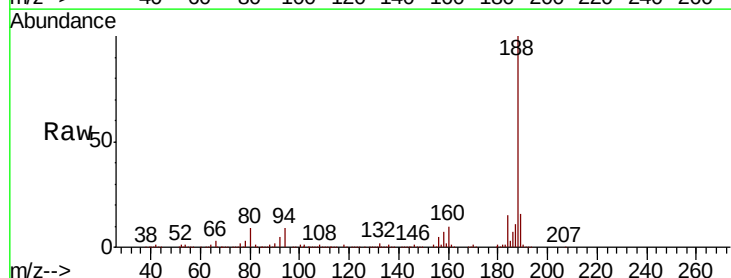
Tgt Ion:188 Resp: 396904

Ion Ratio Lower Upper

188 100

94 8.7 7.4 11.2

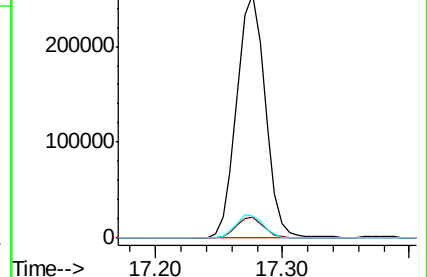
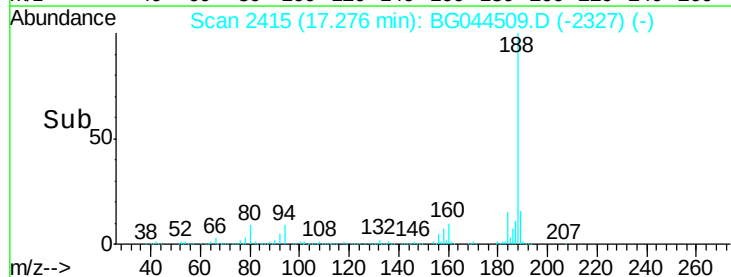
80 9.3 7.7 11.5

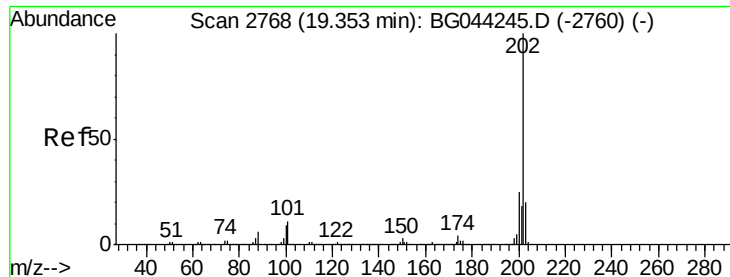


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG





#75

Fluoranthene

Concen: 2.899 ng

RT: 19.33 min Scan# 2764

Delta R.T. -0.01 min

Lab File: BG044509.D

Acq: 20 Feb 2020 3:56

Instrument :

BNA_G

ClientSampleId :

MARCY-GREEN-BH-03-A

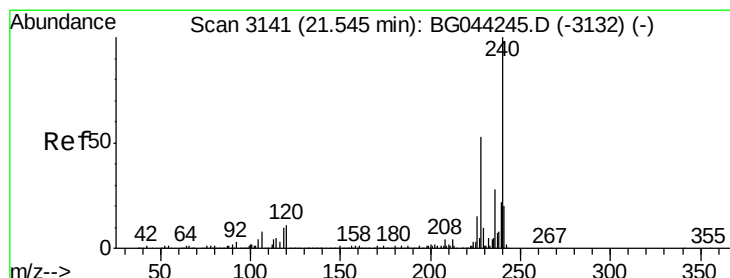
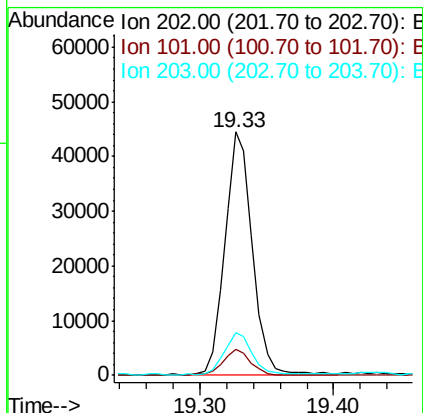
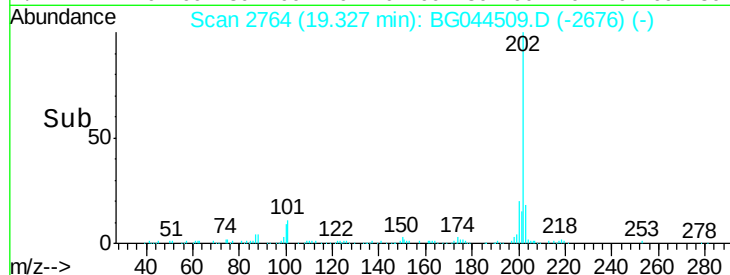
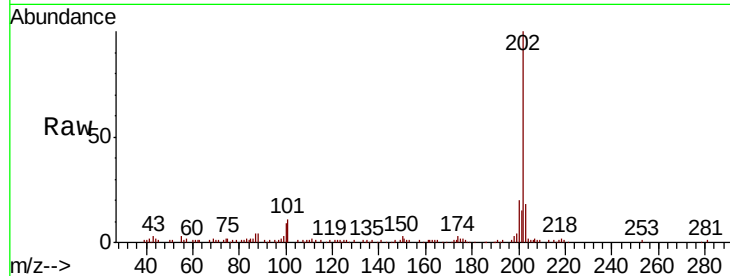
Tot Ion:202 Resp: 64446

Ion Ratio Lower Upper

202 100

101 10.8 0.0 31.3

203 17.7 0.0 39.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.52 min Scan# 3137

Delta R.T. -0.02 min

Lab File: BG044509.D

Acq: 20 Feb 2020 3:56

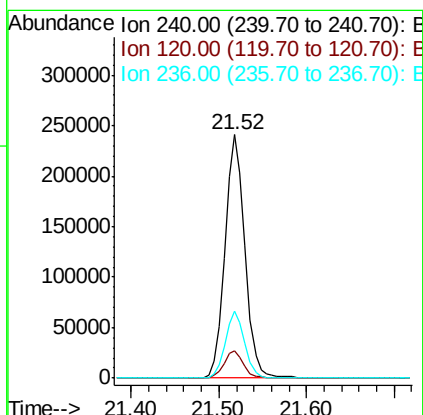
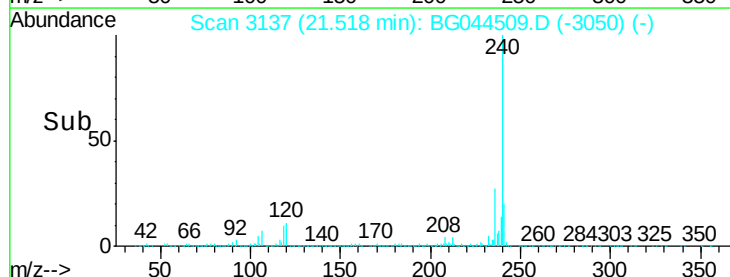
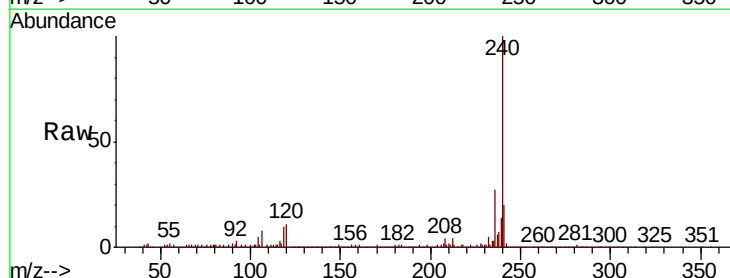
Tgt Ion:240 Resp: 375763

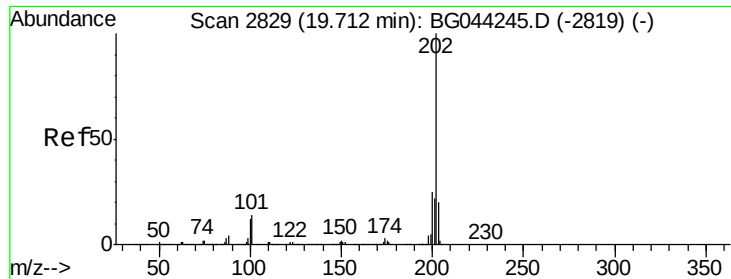
Ion Ratio Lower Upper

240 100

120 11.0 8.4 12.6

236 27.4 22.1 33.1

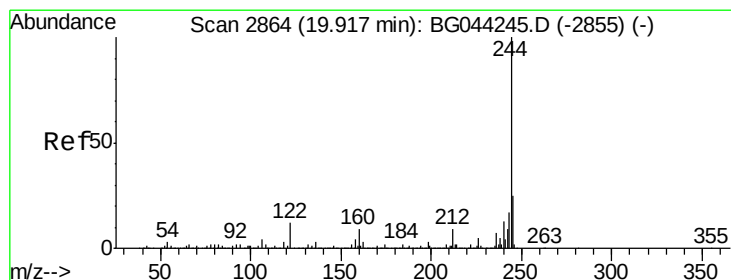
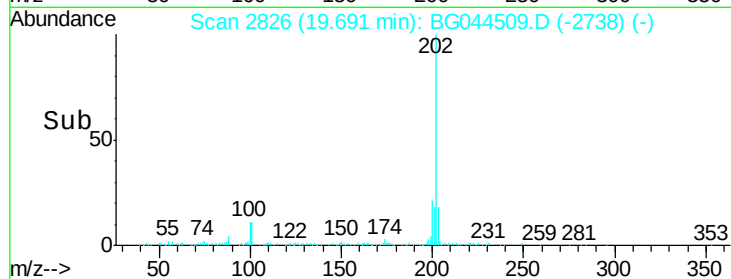
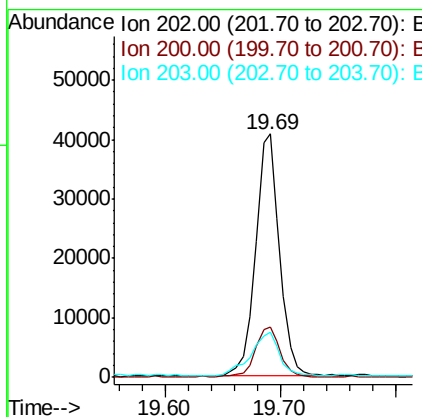
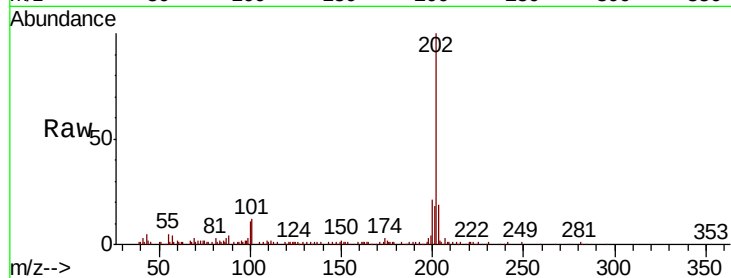




#78
Pvrene
Concen: 2.442 ng
RT: 19.69 min Scan# 2826
Delta R.T. -0.01 min
Lab File: BG044509.D
Acq: 20 Feb 2020 3:56

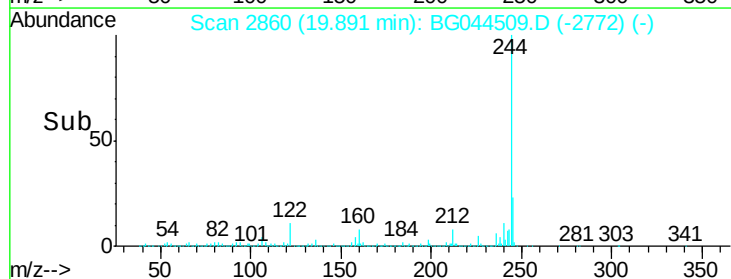
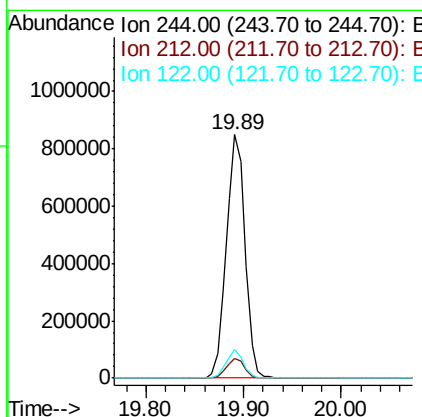
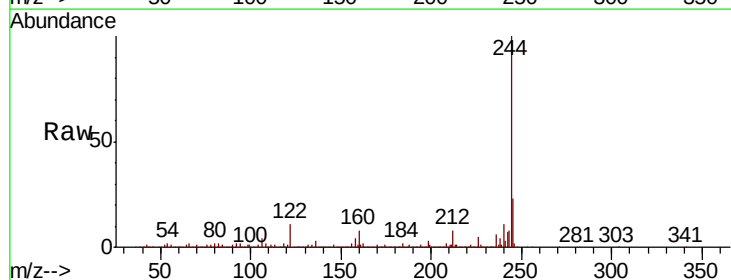
Instrument :
BNA_G
ClientSampleId :
MARCY-GREEN-BH-03-A

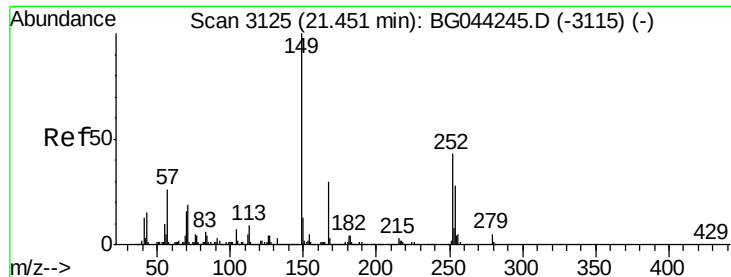
Tot Ion:202 Resp: 58926
Ion Ratio Lower Upper
202 100
200 20.7 20.0 30.0
203 18.8 16.2 24.2



#79
Terphenyl-d14
Concen: 61.907 ng
RT: 19.89 min Scan# 2860
Delta R.T. -0.01 min
Lab File: BG044509.D
Acq: 20 Feb 2020 3:56

Tgt Ion:244 Resp: 1130959
Ion Ratio Lower Upper
244 100
212 8.1 7.4 11.2
122 11.5 9.8 14.6





#84

Bis(2-ethylhexyl)phthalate

Concen: 4.665 ng

RT: 21.42 min Scan# 3121

Delta R.T. -0.01 min

Lab File: BG044509.D

Acq: 20 Feb 2020 3:56

Instrument :

BNA_G

ClientSampleId :

MARCY-GREEN-BH-03-A

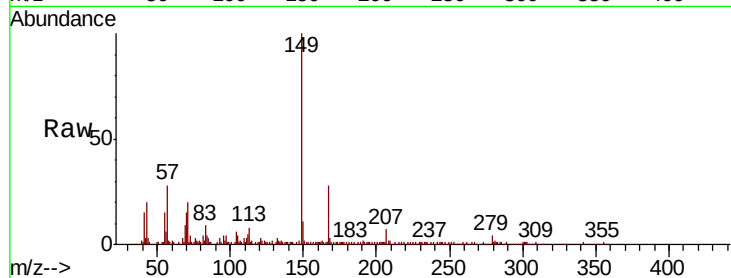
Tot Ion:149 Resp: 70615

Ion Ratio Lower Upper

149 100

167 27.6 24.0 36.0

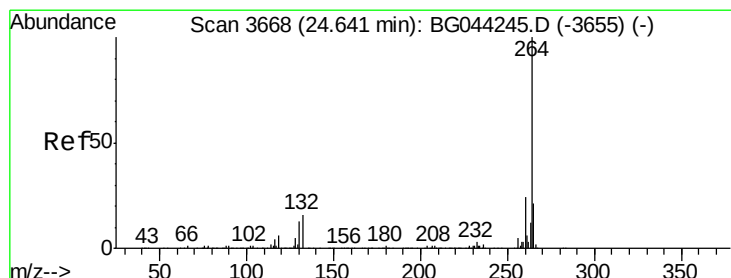
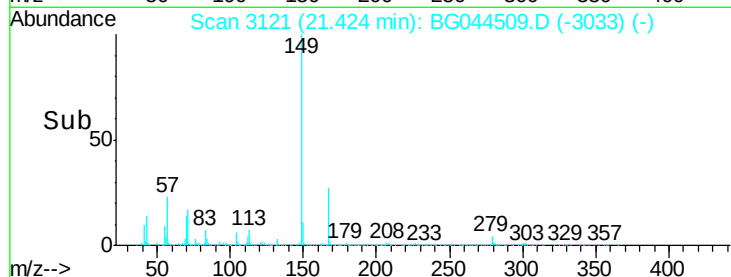
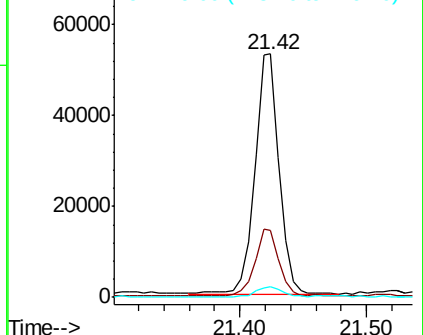
279 4.4 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.60 min Scan# 3662

Delta R.T. -0.02 min

Lab File: BG044509.D

Acq: 20 Feb 2020 3:56

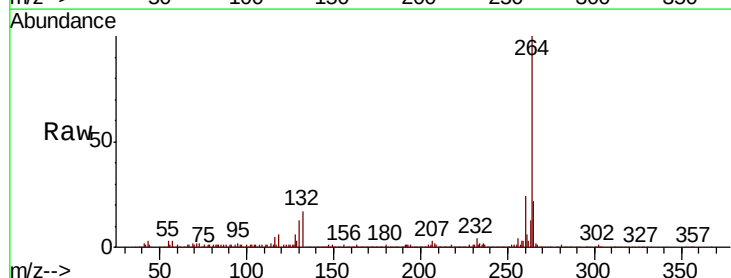
Tgt Ion:264 Resp: 404328

Ion Ratio Lower Upper

264 100

260 24.2 19.4 29.2

265 22.2 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

