

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011320\
 Data File : BG044025.D
 Acq On : 13 Jan 2020 23:37
 Operator : JU
 Sample : L1065-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 6-HER-002-003-02

Quant Time: Jan 14 10:37:32 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 31 13:32:23 2019
 Response via : Initial Calibration

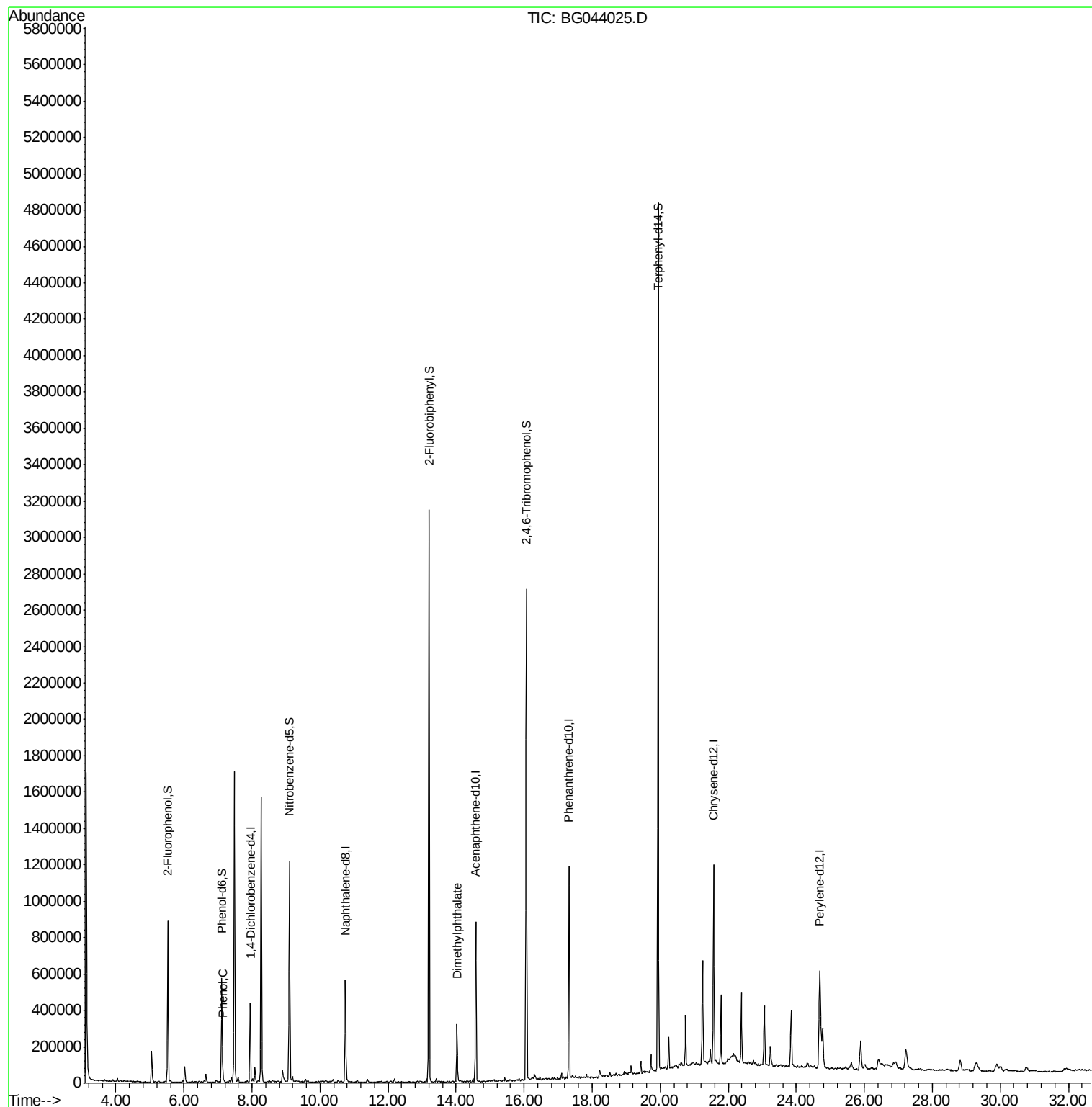
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	126564	20.00	ng	-0.02
21) Naphthalene-d8	10.75	136	506990	20.00	ng	-0.02
39) Acenaphthene-d10	14.57	164	325809	20.00	ng	-0.02
64) Phenanthrene-d10	17.32	188	709924	20.00	ng	-0.02
76) Chrysene-d12	21.57	240	629611	20.00	ng	-0.02
87) Perylene-d12	24.69	264	716356	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	429799	62.35	ng	-0.01
7) Phenol-d6	7.11	99	362895	37.66	ng	-0.01
23) Nitrobenzene-d5	9.10	82	778896	82.19	ng	-0.02
42) 2,4,6-Tribromophenol	16.07	330	496100	145.50	ng	-0.02
45) 2-Fluorobiphenyl	13.20	172	1613259	89.71	ng	-0.02
79) Terphenyl-d14	19.94	244	2274744	87.89	ng	-0.02
Target Compounds						
10) Phenol	7.14	94	27191	2.739	ng	98
50) Dimethylphthalate	14.03	163	220728	9.541	ng	98

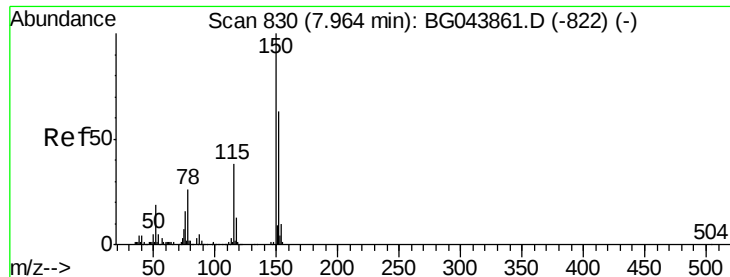
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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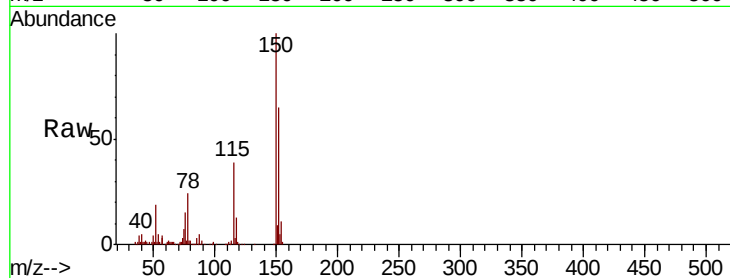


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.02 min
Lab File: BG044025.D
Acq: 13 Jan 2020 23:37

Instrument :
BNA_G
ClientSampleId :
6-HER-002-003-02

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.4	127.0	190.4
115	59.6	47.8	71.8

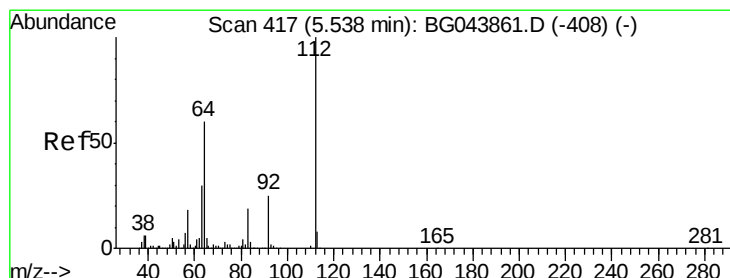
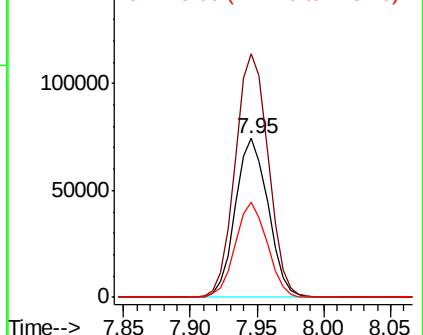
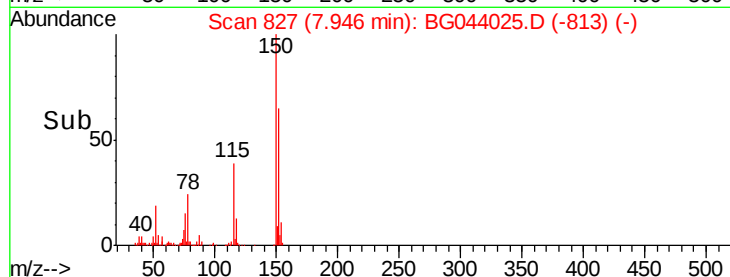


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

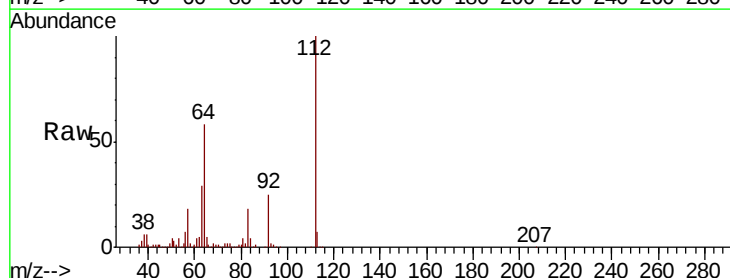
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 62.353 ng
RT: 5.53 min Scan# 415
Delta R.T. -0.01 min
Lab File: BG044025.D
Acq: 13 Jan 2020 23:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.9	47.8	71.6
63	28.9	24.3	36.5

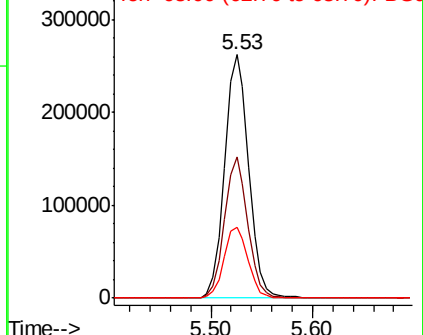
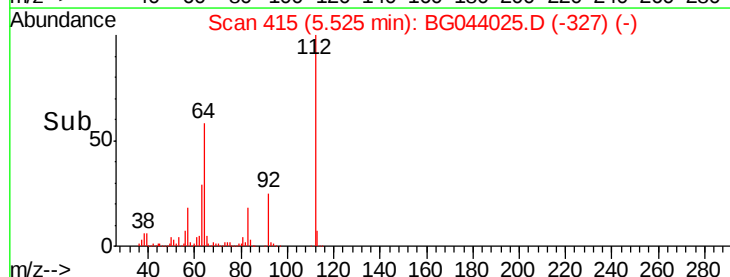


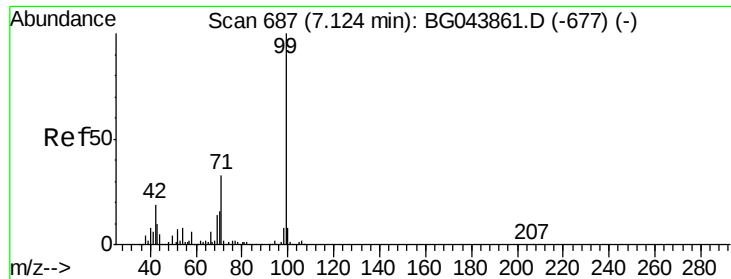
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 37.664 ng

RT: 7.11 min Scan# 685

Delta R.T. -0.01 min

Lab File: BG044025.D

Acq: 13 Jan 2020 23:37

Instrument :

BNA_G

ClientSampleId :

6-HER-002-003-02

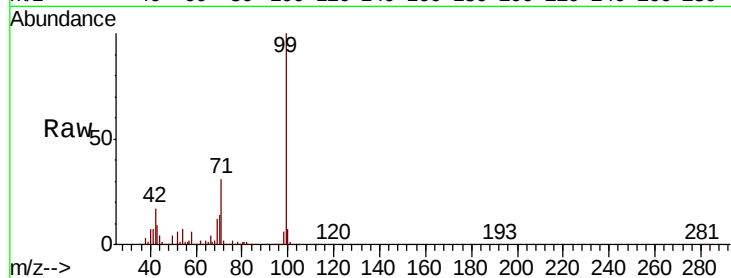
Tot Ion: 99 Resp: 362895

Ion Ratio Lower Upper

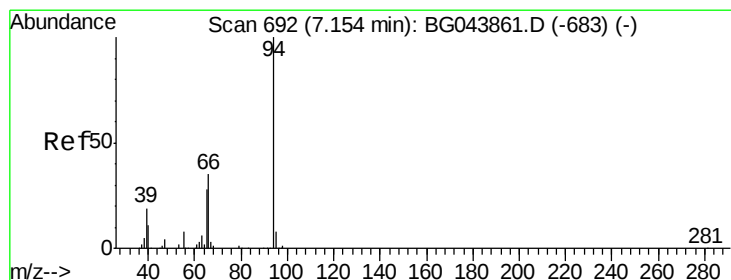
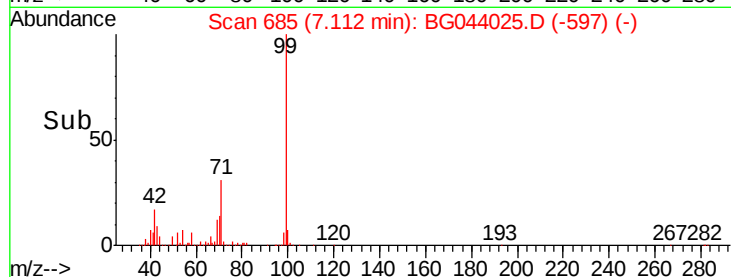
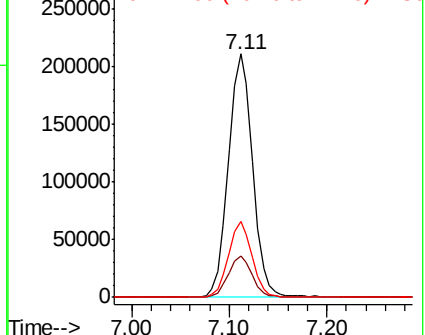
99 100

42 17.0 14.9 22.3

71 31.1 26.4 39.6



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



#10

Phenol

Concen: 2.739 ng

RT: 7.14 min Scan# 690

Delta R.T. -0.01 min

Lab File: BG044025.D

Acq: 13 Jan 2020 23:37

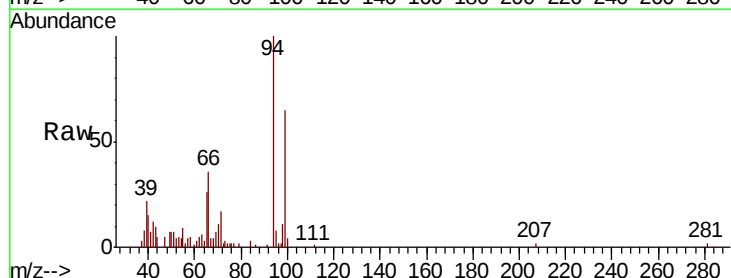
Tgt Ion: 94 Resp: 27191

Ion Ratio Lower Upper

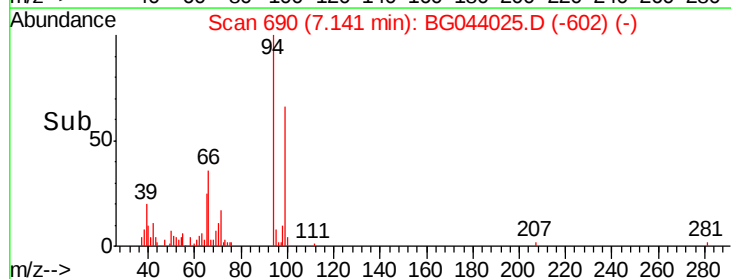
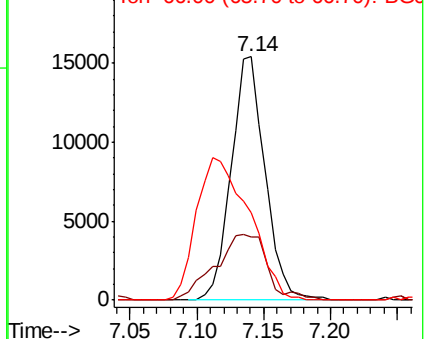
94 100

65 25.8 8.1 48.1

66 35.8 15.6 55.6



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.75 min Scan# 1304

Delta R.T. -0.02 min

Lab File: BG044025.D

Acq: 13 Jan 2020 23:37

Instrument :

BNA_G

ClientSampleId :

6-HER-002-003-02

Tot Ion:136 Resp: 506990

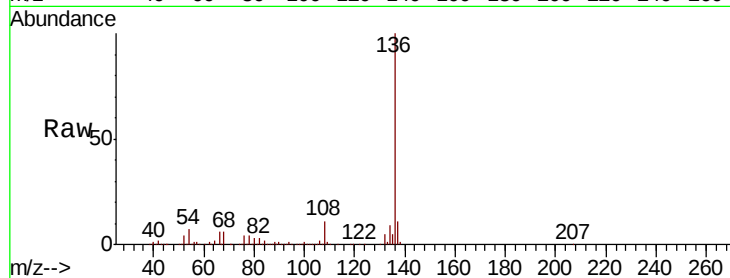
Ion Ratio Lower Upper

136 100

137 11.3 8.8 13.2

54 7.4 7.0 10.4

68 5.5 4.9 7.3

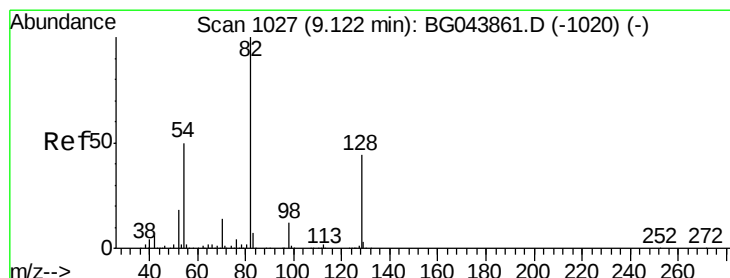
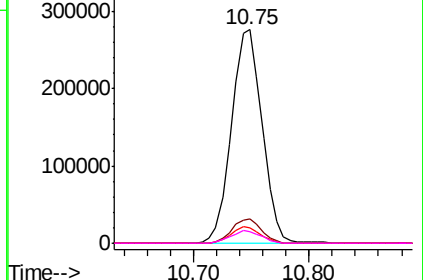
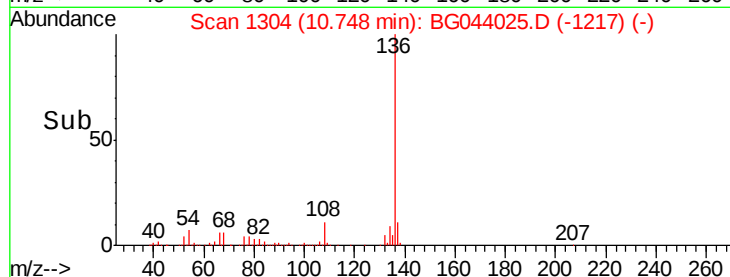


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#23

Nitrobenzene-d5

Concen: 82.186 ng

RT: 9.10 min Scan# 1024

Delta R.T. -0.02 min

Lab File: BG044025.D

Acq: 13 Jan 2020 23:37

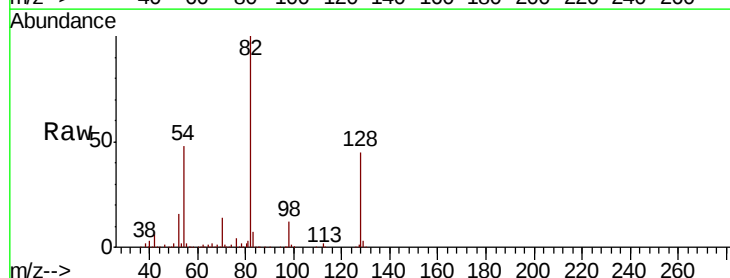
Tgt Ion: 82 Resp: 778896

Ion Ratio Lower Upper

82 100

128 45.4 35.1 52.7

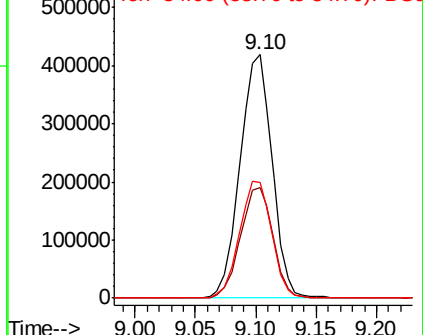
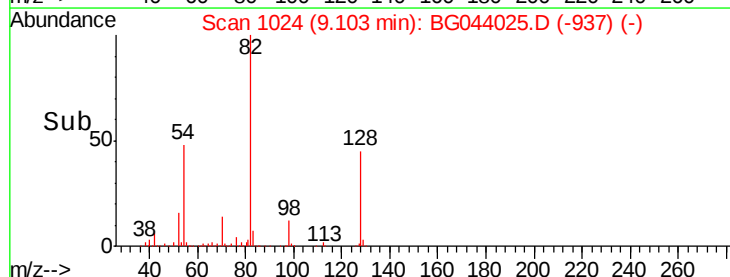
54 47.7 40.1 60.1

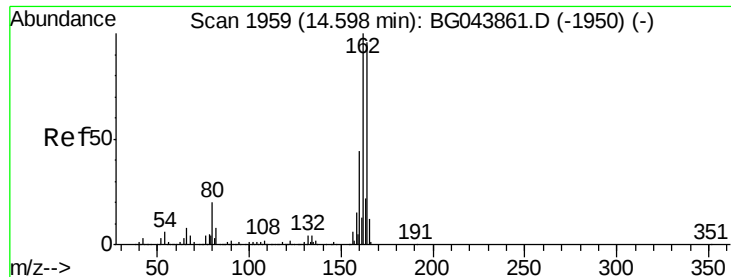


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.57 min Scan# 1955

Delta R.T. -0.02 min

Lab File: BG044025.D

Acq: 13 Jan 2020 23:37

Instrument :

BNA_G

ClientSampleId :

6-HER-002-003-02

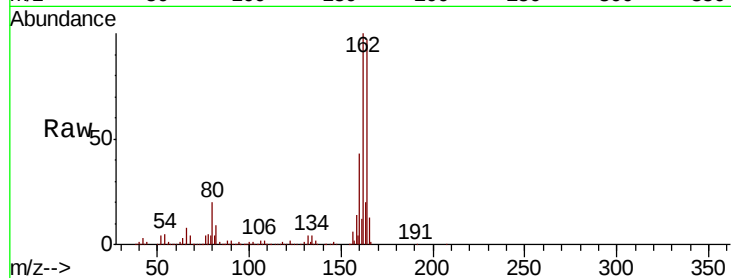
Tot Ion:164 Resp: 325809

Ion Ratio Lower Upper

164 100

162 103.5 83.0 124.4

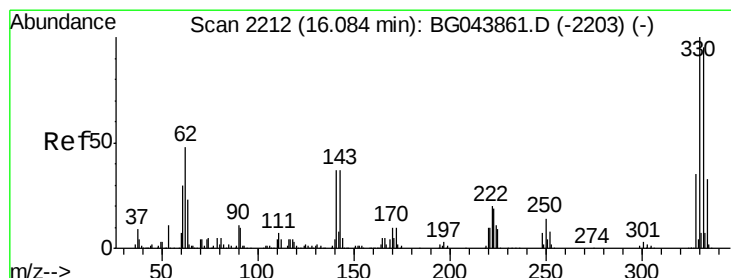
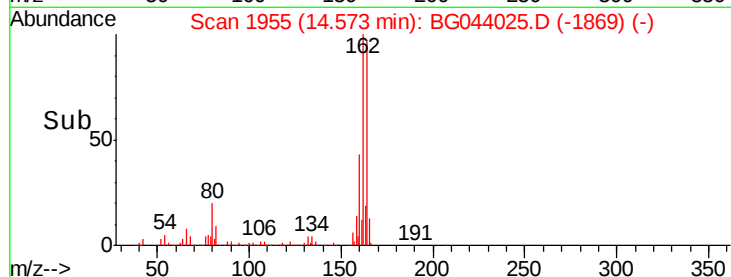
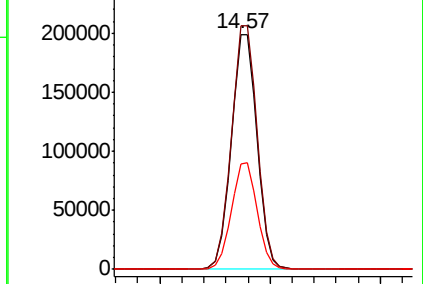
160 44.9 36.1 54.1



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 145.504 ng

RT: 16.07 min Scan# 2209

Delta R.T. -0.02 min

Lab File: BG044025.D

Acq: 13 Jan 2020 23:37

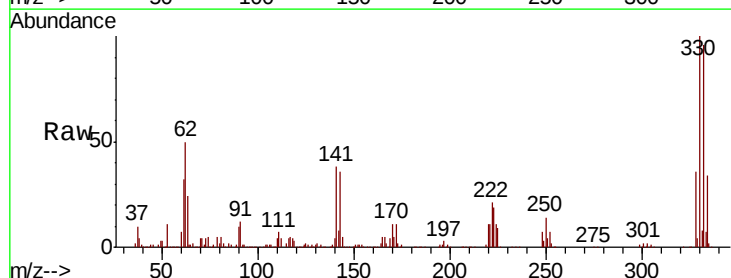
Tgt Ion:330 Resp: 496100

Ion Ratio Lower Upper

330 100

332 96.9 77.2 115.8

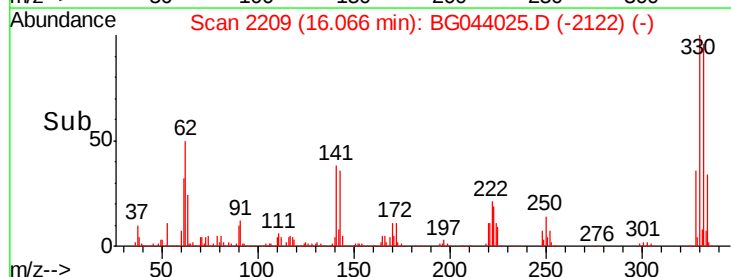
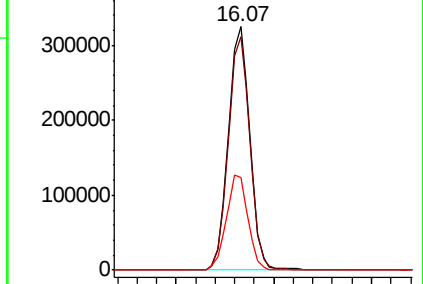
141 39.5 33.1 49.7

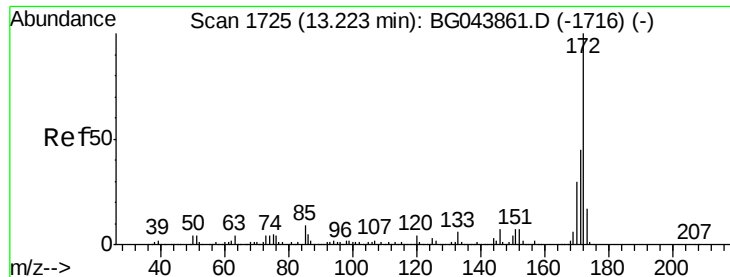


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

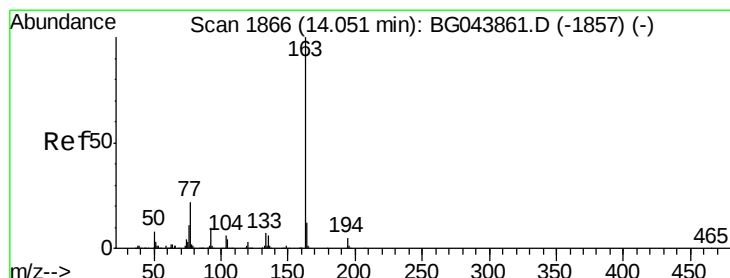
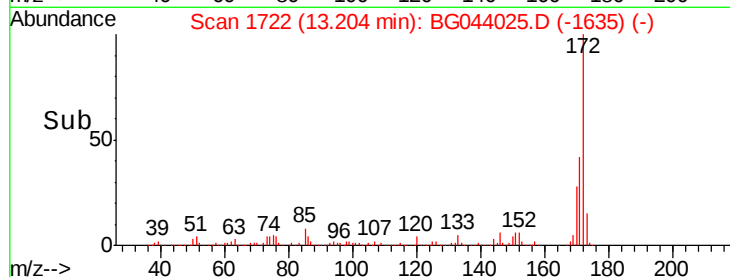
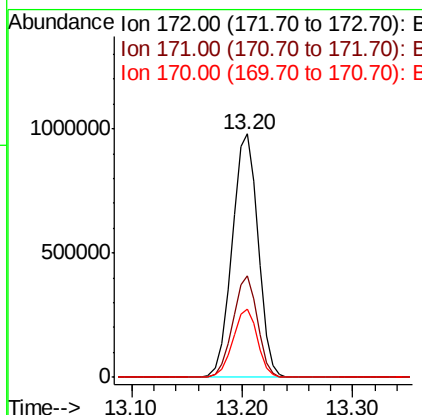
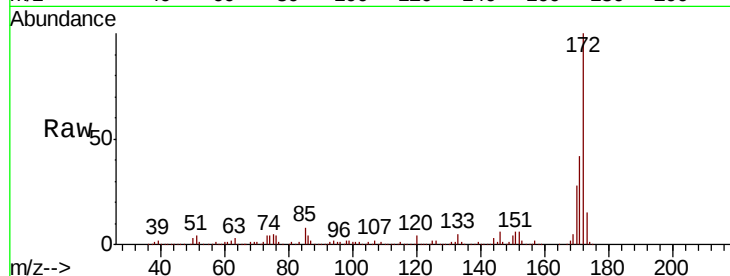




#45
2-Fluorobiphenyl
Concen: 89.711 ng
RT: 13.20 min Scan# 1722
Delta R.T. -0.02 min
Lab File: BG044025.D
Acq: 13 Jan 2020 23:37

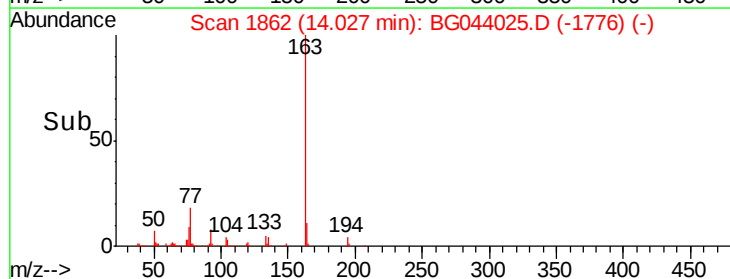
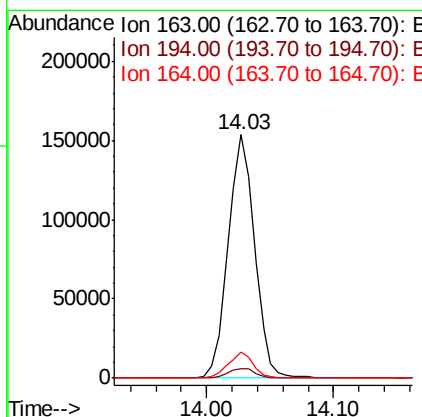
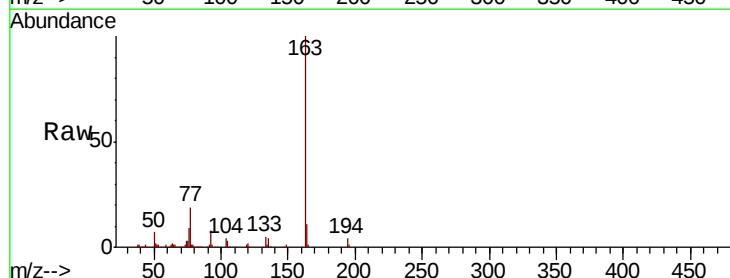
Instrument :
BNA_G
ClientSampleId :
6-HER-002-003-02

Tot Ion:172 Resp: 1613259
Ion Ratio Lower Upper
172 100
171 41.9 35.8 53.8
170 28.1 24.2 36.4



#50
Dimethylphthalate
Concen: 9.541 ng
RT: 14.03 min Scan# 1862
Delta R.T. -0.02 min
Lab File: BG044025.D
Acq: 13 Jan 2020 23:37

Tgt Ion:163 Resp: 220728
Ion Ratio Lower Upper
163 100
194 3.8 3.7 5.5
164 10.9 9.3 13.9

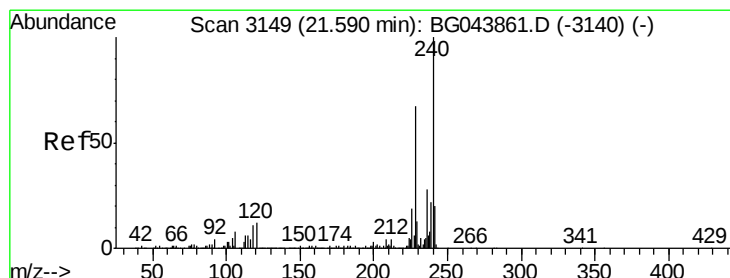
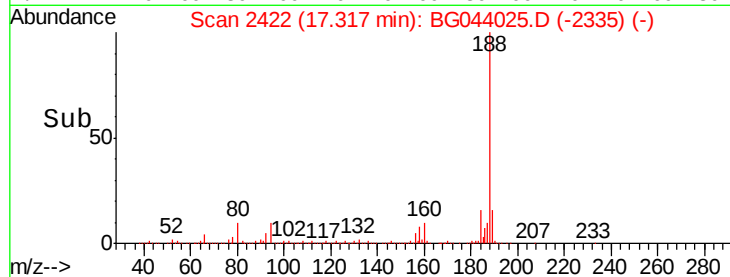
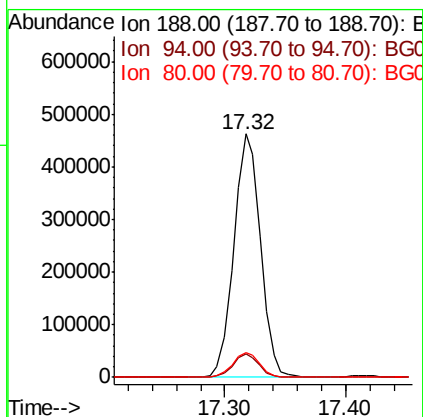
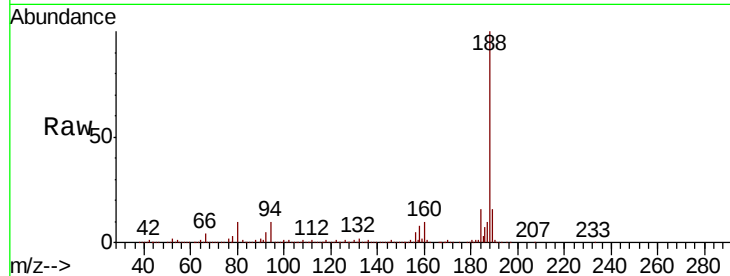




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.32 min Scan# 2422
Delta R.T. -0.02 min
Lab File: BG044025.D
Acq: 13 Jan 2020 23:37

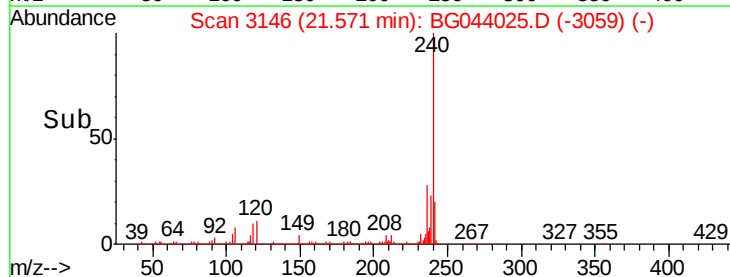
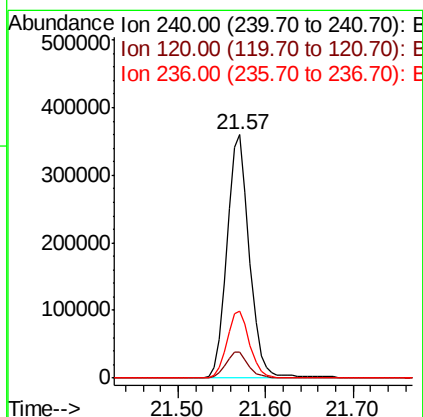
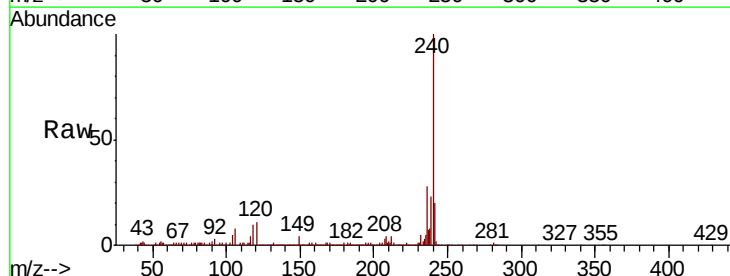
Instrument :
BNA_G
ClientSampleId :
6-HER-002-003-02

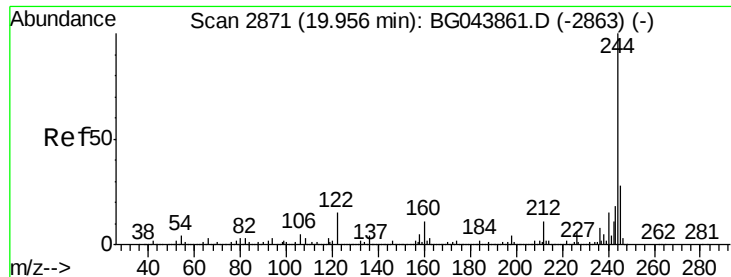
Tot Ion:188 Resp: 709924
Ion Ratio Lower Upper
188 100
94 9.5 7.9 11.9
80 10.4 8.2 12.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.57 min Scan# 3146
Delta R.T. -0.02 min
Lab File: BG044025.D
Acq: 13 Jan 2020 23:37

Tgt Ion:240 Resp: 629611
Ion Ratio Lower Upper
240 100
120 10.7 9.6 14.4
236 27.6 22.2 33.2





#79

Terphenyl-d14

Concen: 87.891 ng

RT: 19.94 min Scan# 2868

Delta R.T. -0.02 min

Lab File: BG044025.D

Acq: 13 Jan 2020 23:37

Instrument :

BNA_G

ClientSampleId :

6-HER-002-003-02

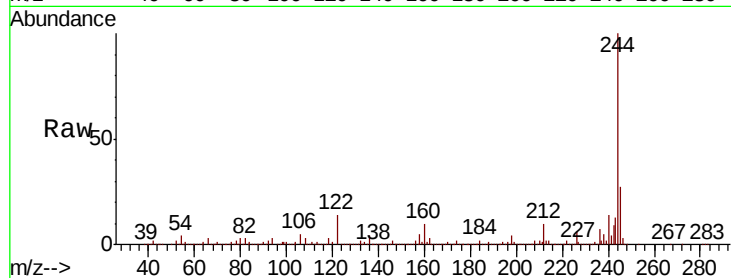
Tot Ion:244 Resp: 2274744

Ion Ratio Lower Upper

244 100

212 10.4 8.6 13.0

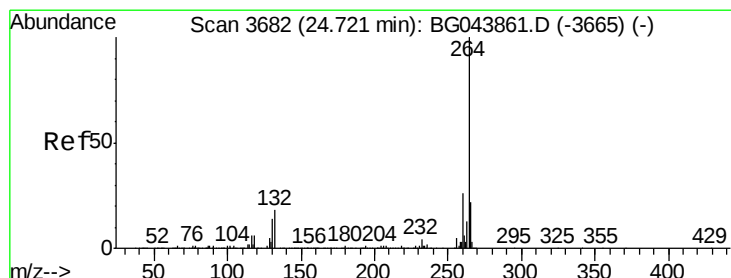
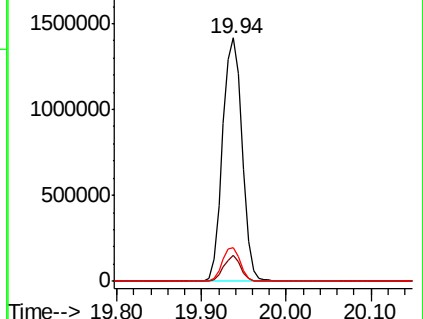
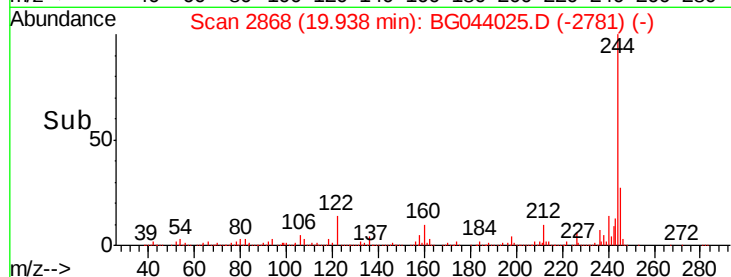
122 14.1 11.9 17.9



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: 20.000 ng

RT: 24.69 min Scan# 3677

Delta R.T. -0.03 min

Lab File: BG044025.D

Acq: 13 Jan 2020 23:37

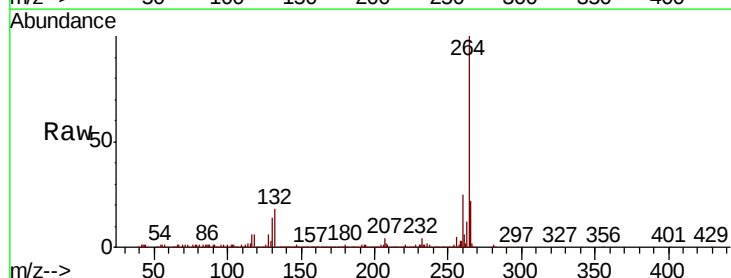
Tgt Ion:264 Resp: 716356

Ion Ratio Lower Upper

264 100

260 25.2 20.4 30.6

265 21.9 17.4 26.2



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

