

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041720\
 Data File : BG045036.D
 Acq On : 17 Apr 2020 17:06
 Operator : CG/JU
 Sample : L2287-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GLOUCESTER-SP

Quant Time: Apr 17 17:58:16 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 17 11:08:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	60554	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	255120	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	202524	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	502115	20.00	ng	0.00
76) Chrysene-d12	21.66	240	500022	20.00	ng	0.00
87) Perylene-d12	24.85	264	518174	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	542604	147.94	ng	0.00
7) Phenol-d6	7.18	99	773749	141.99	ng	0.00
23) Nitrobenzene-d5	9.18	82	556554	99.54	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	494073	157.91	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	1365543	98.87	ng	0.00
79) Terphenyl-d14	20.01	244	2441482	106.42	ng	0.00

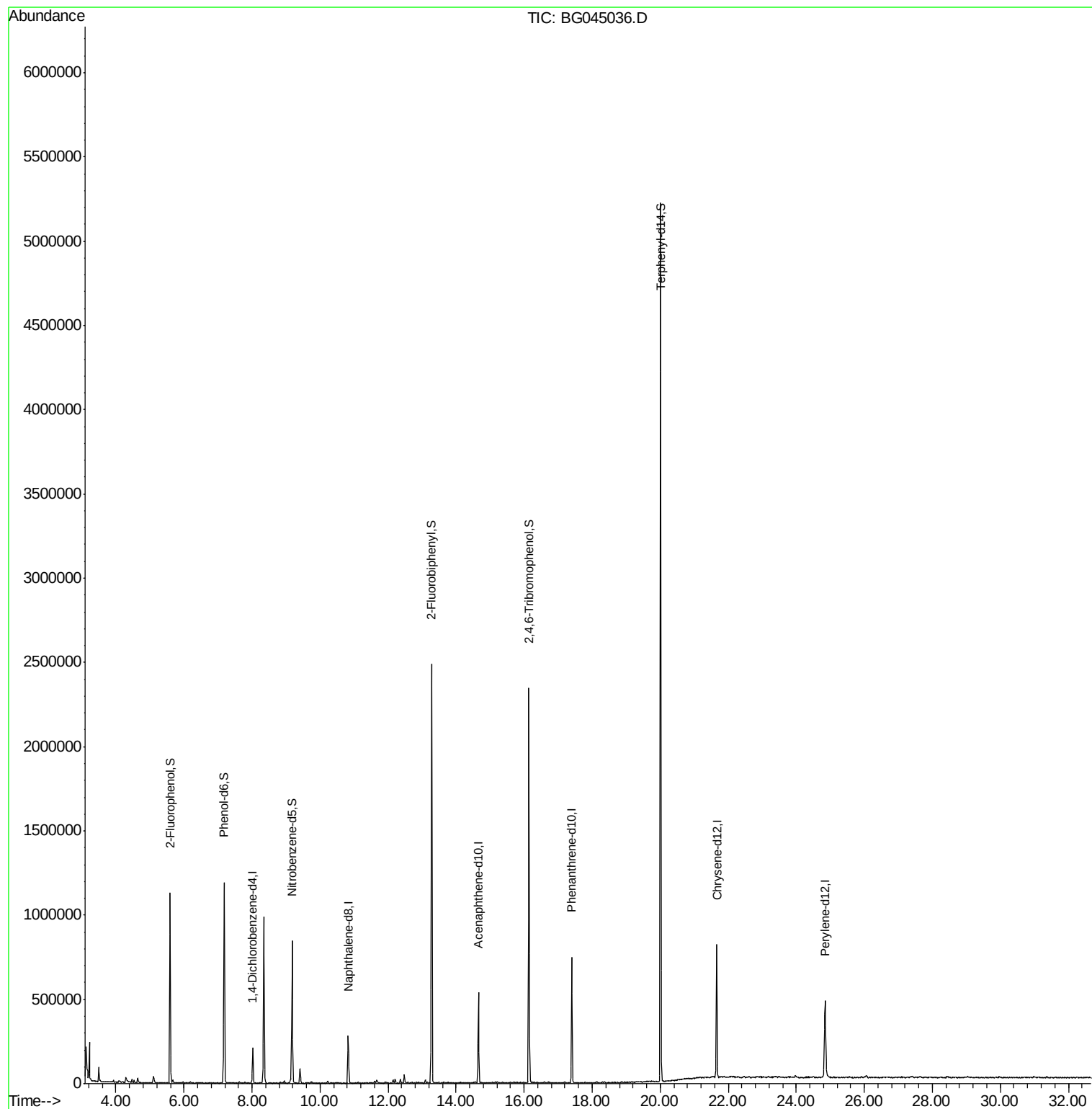
Target Compounds Qvalue

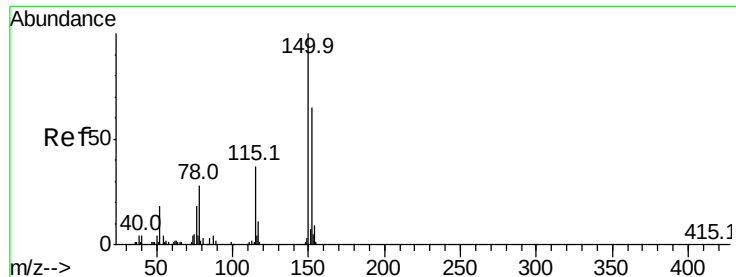
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041720\
Data File : BG045036.D
Acq On : 17 Apr 2020 17:06
Operator : CG/JU
Sample : L2287-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
GLOUCESTER-SP

Quant Time: Apr 17 17:58:16 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 17 11:08:29 2020
Response via : Initial Calibration

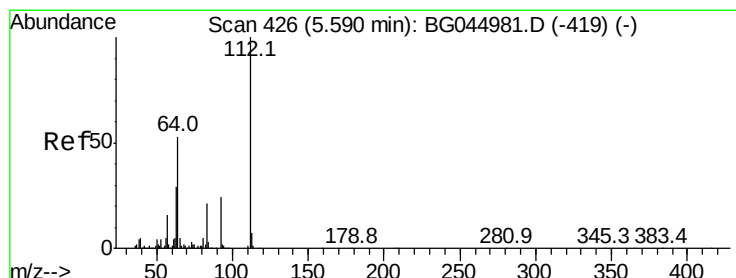
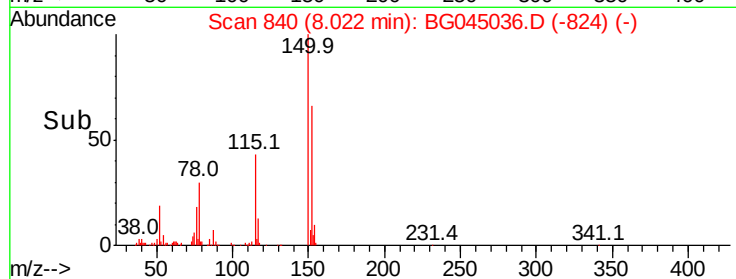
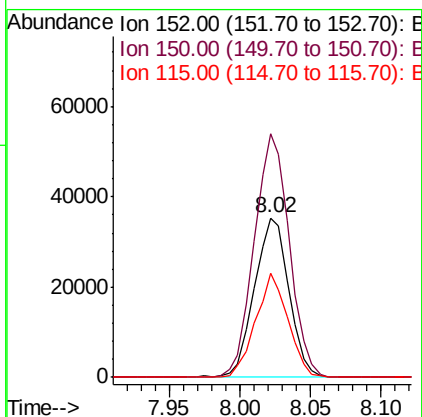
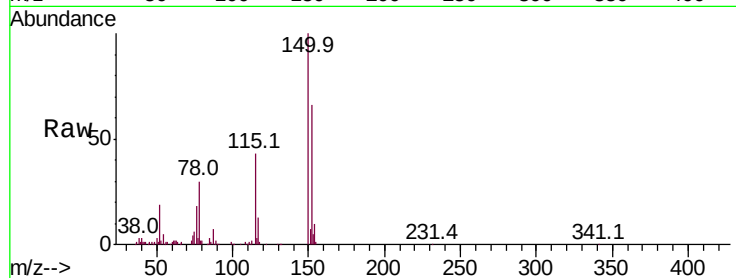




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.02 min Scan# 840
 Delta R.T. -0.00 min
 Lab File: BG045036.D
 Acq: 17 Apr 2020 17:06

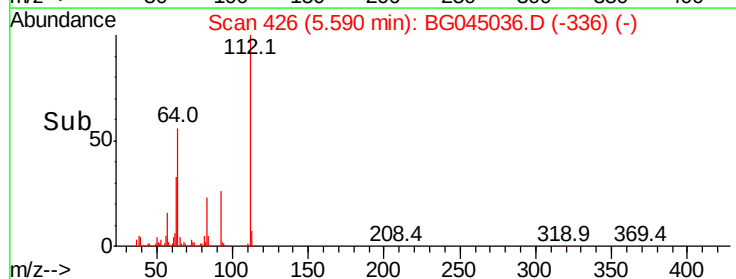
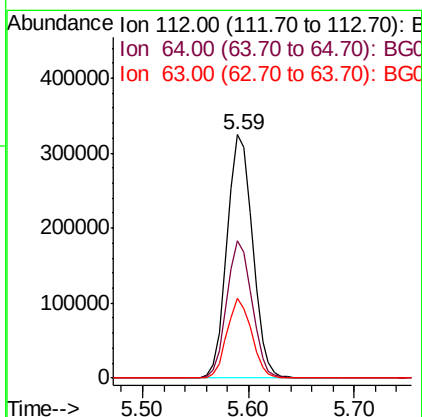
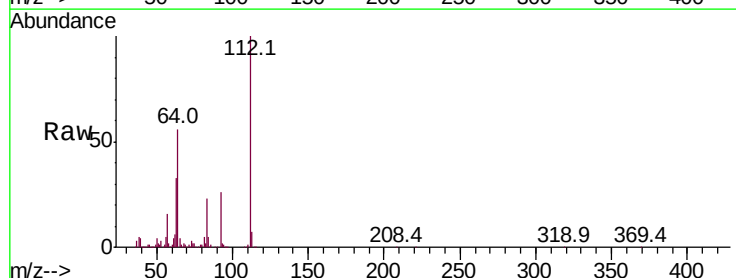
Instrument :
 BNA_G
 ClientSampleId :
 GLOUCESTER-SP

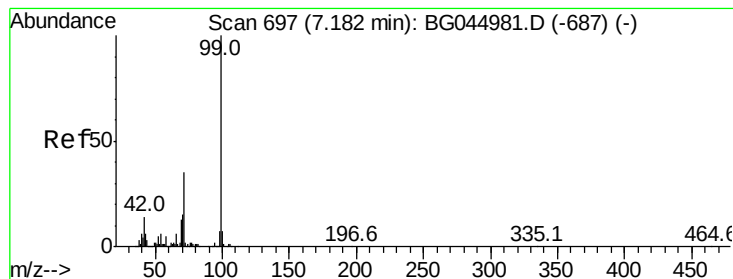
Tot Ion:	152	Resp:	60554
Ion	Ratio	Lower	Upper
152	100		
150	152.4	123.6	185.4
115	65.1	49.1	73.7



#5
 2-Fluorophenol
 Concen: 147.936 ng
 RT: 5.59 min Scan# 426
 Delta R.T. -0.00 min
 Lab File: BG045036.D
 Acq: 17 Apr 2020 17:06

Tgt Ion:	112	Resp:	542604
Ion	Ratio	Lower	Upper
112	100		
64	56.5	42.4	63.6
63	32.5	23.1	34.7





#7

Phenol-d6

Concen: 141.986 ng

RT: 7.18 min Scan# 697

Delta R.T. -0.00 min

Lab File: BG045036.D

Acq: 17 Apr 2020 17:06

Instrument :

BNA_G

ClientSampleId :

GLOUCESTER-SP

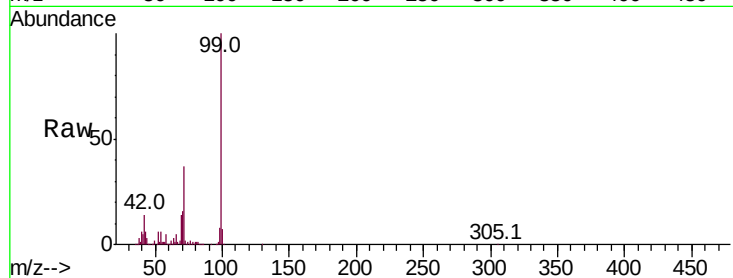
Tot Ion: 99 Resp: 773749

Ion Ratio Lower Upper

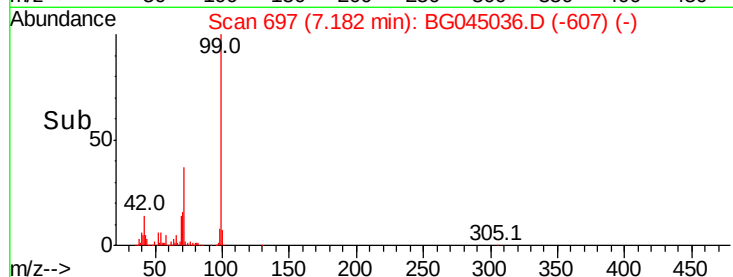
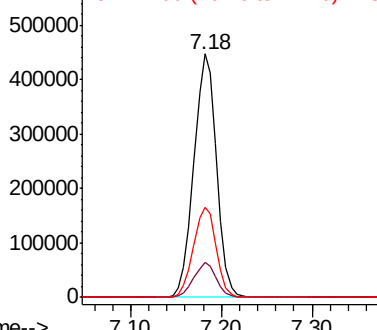
99 100

42 14.2 11.3 16.9

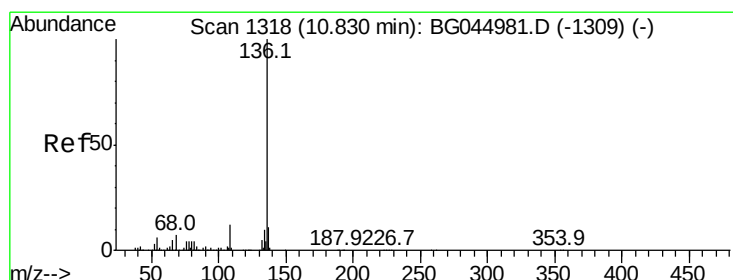
71 37.0 28.3 42.5



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



Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.83 min Scan# 1318

Delta R.T. -0.00 min

Lab File: BG045036.D

Acq: 17 Apr 2020 17:06

Tgt Ion: 136 Resp: 255120

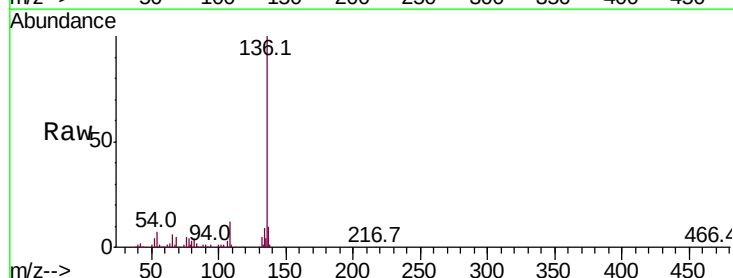
Ion Ratio Lower Upper

136 100

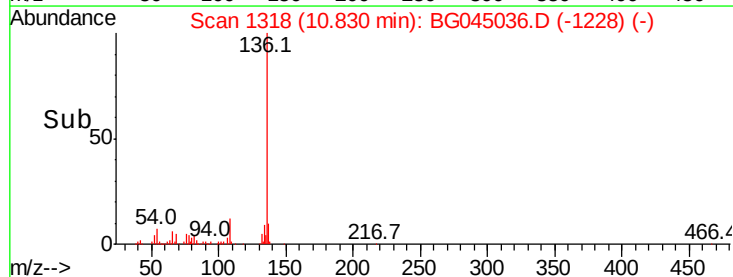
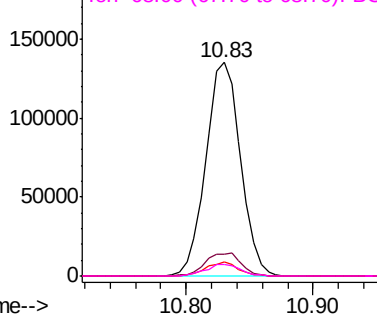
137 10.5 8.6 13.0

54 6.9 4.8 7.2

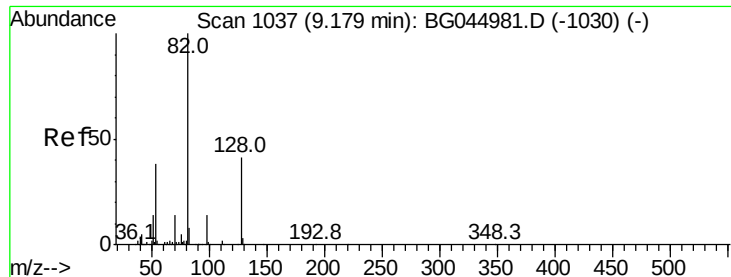
68 5.4 5.2 7.8



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



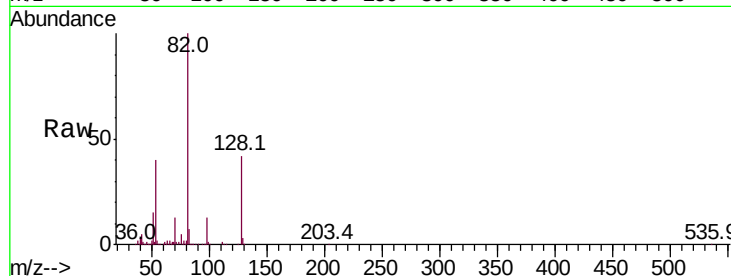
Time-->



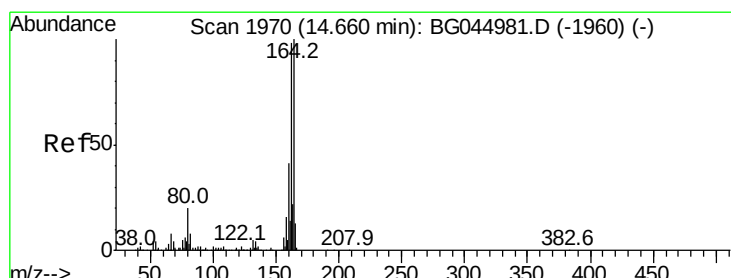
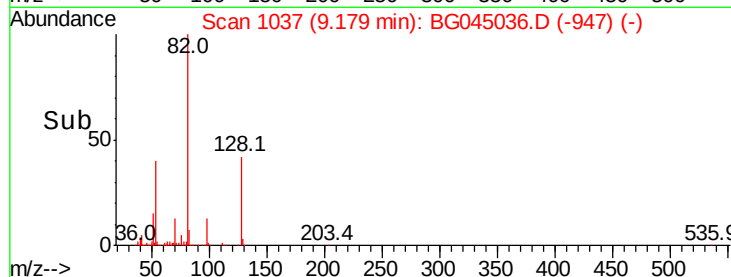
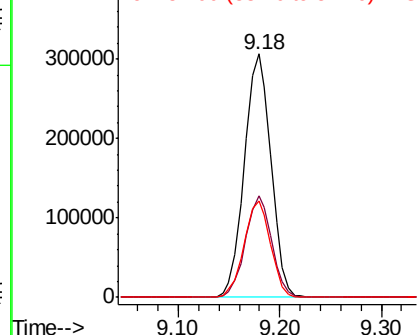
#23
 Nitrobenzene-d5
 Concen: 99.541 ng
 RT: 9.18 min Scan# 1037
 Delta R.T. -0.00 min
 Lab File: BG045036.D
 Acq: 17 Apr 2020 17:06

Instrument :
 BNA_G
 ClientSampleId :
 GLOUCESTER-SP

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.8	33.0	49.4
54	39.7	30.4	45.6

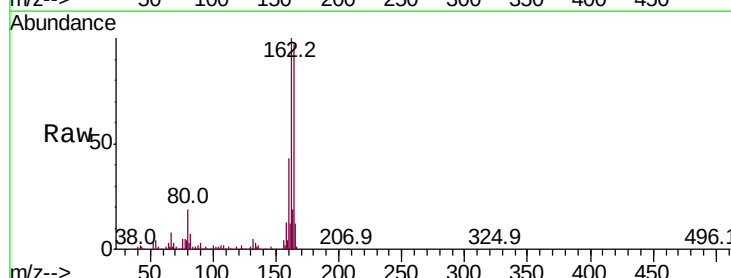


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

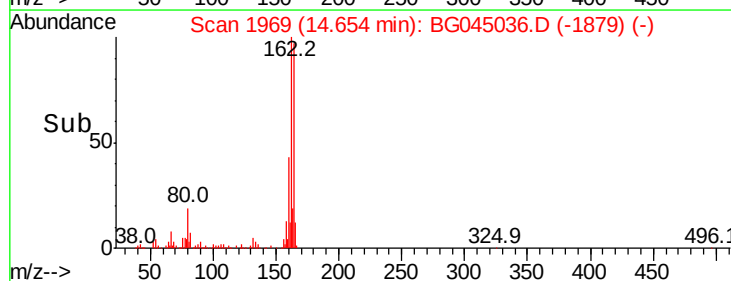
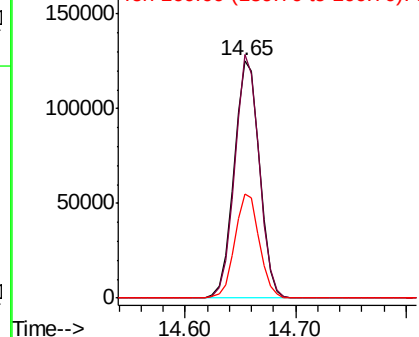


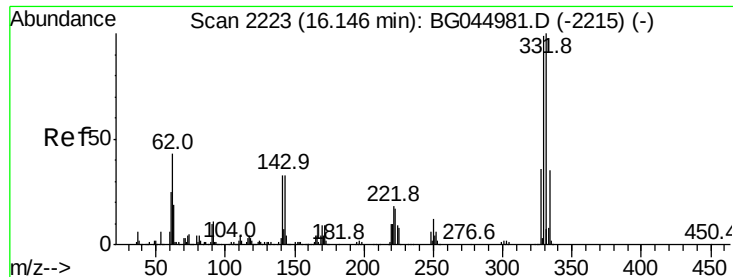
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.65 min Scan# 1969
 Delta R.T. -0.00 min
 Lab File: BG045036.D
 Acq: 17 Apr 2020 17:06

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.6	78.7	118.1
160	43.8	32.8	49.2



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

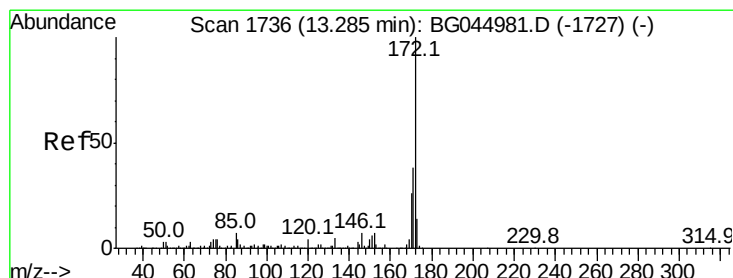
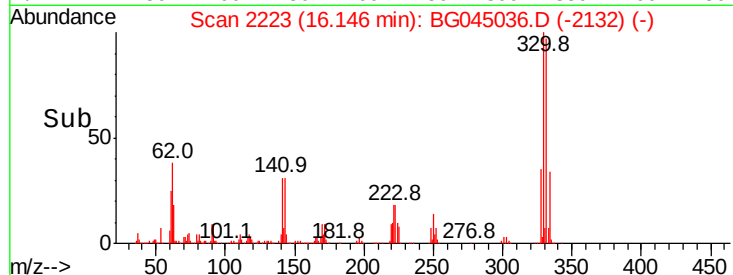
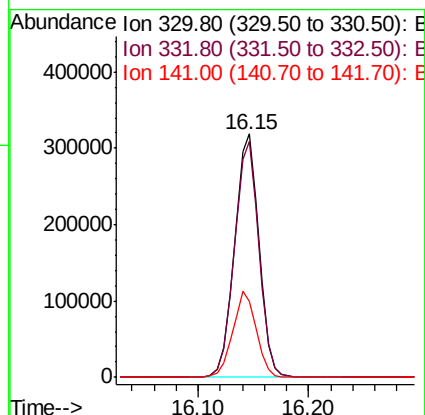
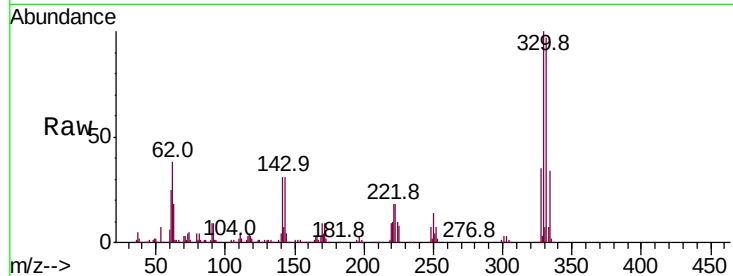




#42
 2,4,6-Tribromophenol
 Concen: 157.915 ng
 RT: 16.15 min Scan# 2223
 Delta R.T. 0.00 min
 Lab File: BG045036.D
 Acq: 17 Apr 2020 17:06

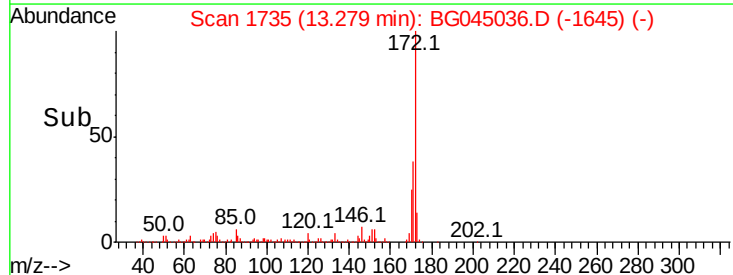
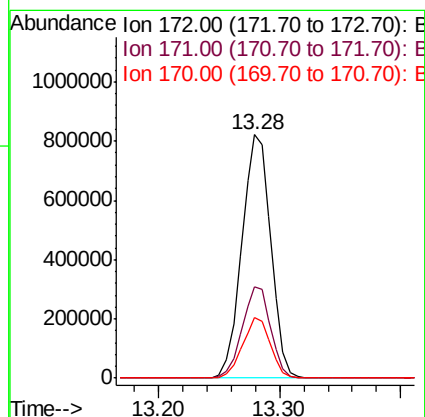
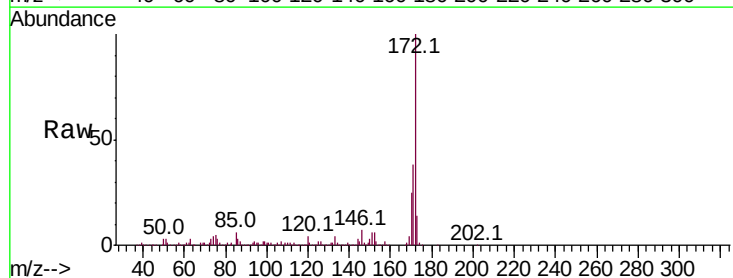
Instrument :
 BNA_G
 ClientSampleId :
 GLOUCESTER-SP

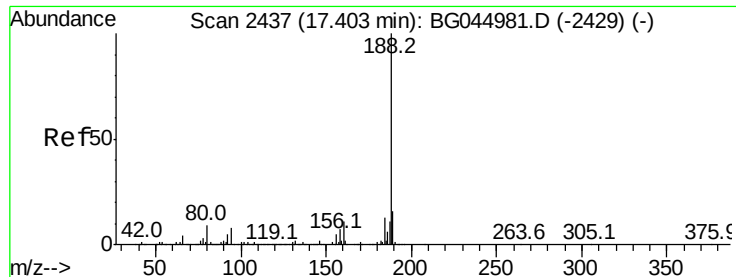
Tot Ion:330 Resp: 494073
 Ion Ratio Lower Upper
 330 100
 332 97.3 79.1 118.7
 141 34.2 27.1 40.7



#45
 2-Fluorobiphenyl
 Concen: 98.868 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. -0.00 min
 Lab File: BG045036.D
 Acq: 17 Apr 2020 17:06

Tgt Ion:172 Resp: 1365543
 Ion Ratio Lower Upper
 172 100
 171 37.6 30.6 46.0
 170 25.0 20.5 30.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.40 min Scan# 2437

Delta R.T. 0.00 min

Lab File: BG045036.D

Acq: 17 Apr 2020 17:06

Instrument :

BNA_G

ClientSampleId :

GLOUCESTER-SP

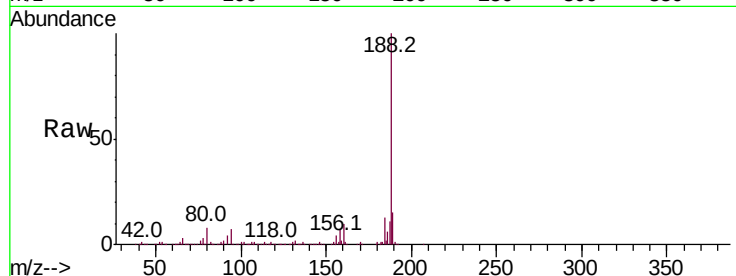
Tot Ion:188 Resp: 502115

Ion Ratio Lower Upper

188 100

94 6.6 6.2 9.4

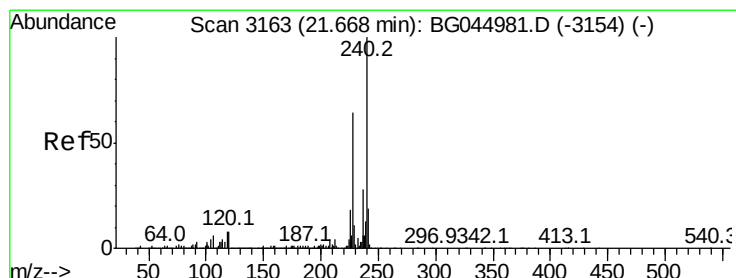
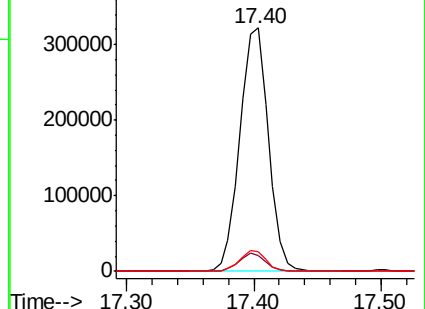
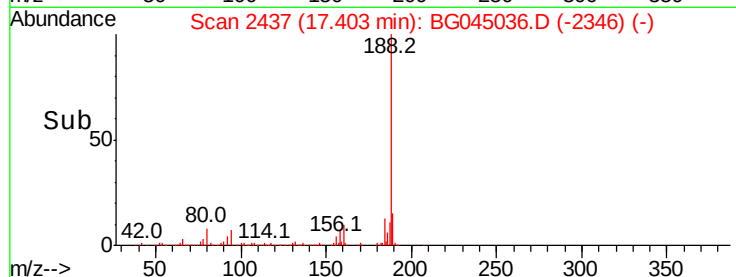
80 7.8 7.0 10.6



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.66 min Scan# 3162

Delta R.T. -0.00 min

Lab File: BG045036.D

Acq: 17 Apr 2020 17:06

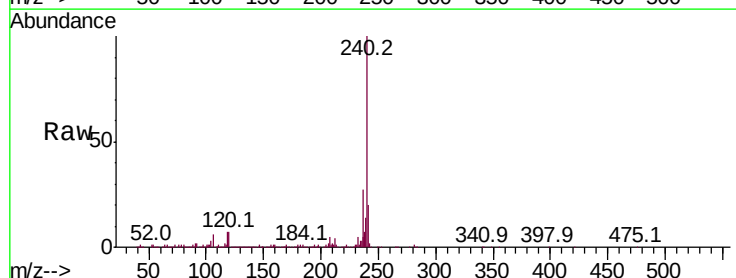
Tgt Ion:240 Resp: 500022

Ion Ratio Lower Upper

240 100

120 7.0 6.6 10.0

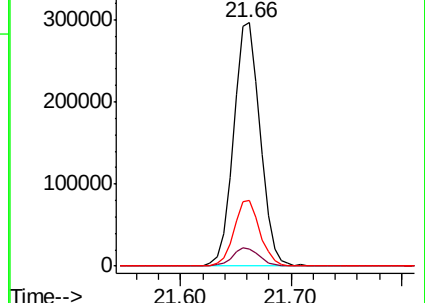
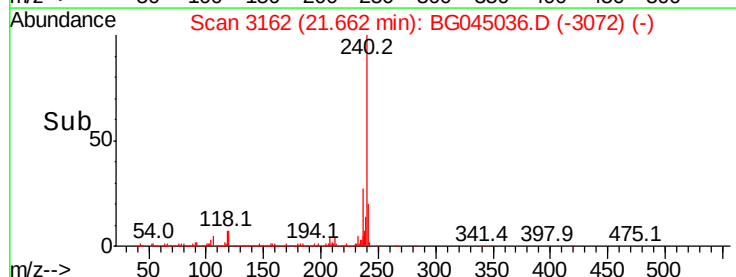
236 26.8 22.2 33.2

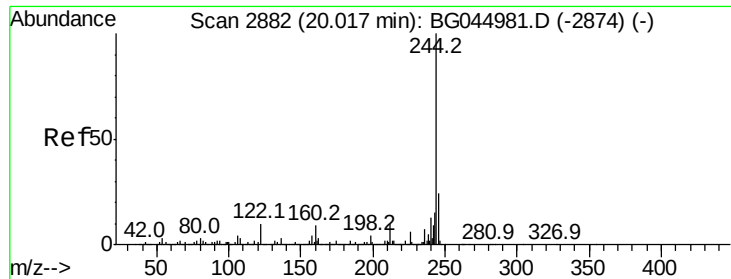


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 106.423 ng

RT: 20.01 min Scan# 2881

Delta R.T. -0.00 min

Lab File: BG045036.D

Acq: 17 Apr 2020 17:06

Instrument :

BNA_G

ClientSampleId :

GLOUCESTER-SP

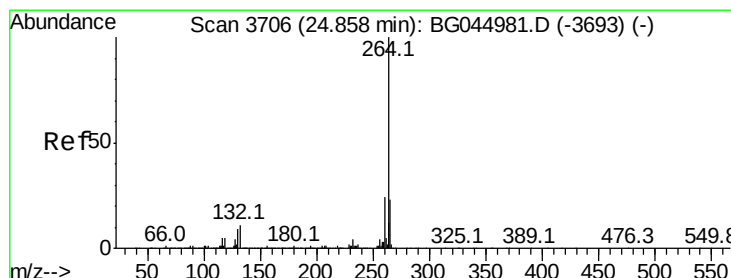
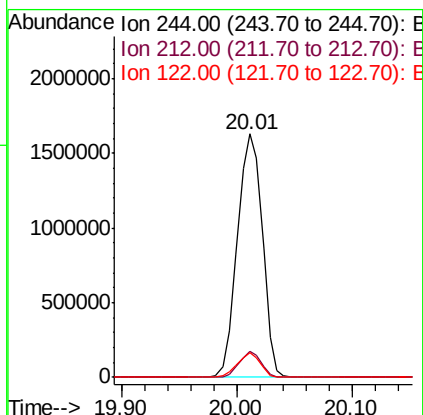
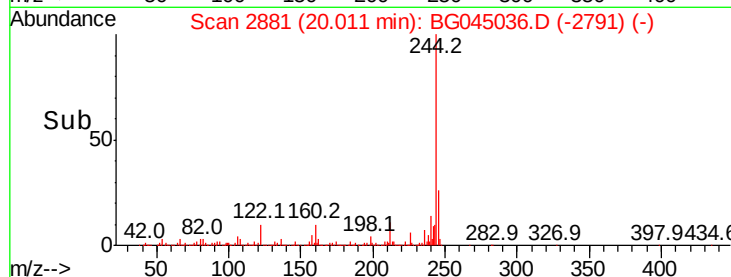
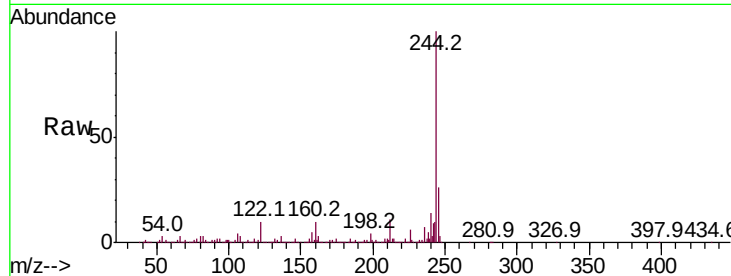
Tot Ion:244 Resp: 2441482

Ion Ratio Lower Upper

244 100

212 10.7 7.9 11.9

122 10.2 7.7 11.5



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.85 min Scan# 3704

Delta R.T. -0.01 min

Lab File: BG045036.D

Acq: 17 Apr 2020 17:06

Tgt Ion:264 Resp: 518174

Ion Ratio Lower Upper

264 100

260 22.1 19.2 28.8

265 21.9 19.0 28.4

