

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041520\  
 Data File : BG045001.D  
 Acq On : 16 Apr 2020 3:34  
 Operator : CG/JU  
 Sample : L2278-01  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 CHASSIS-WASH

Quant Time: Apr 16 05:42:08 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Apr 15 17:57:00 2020  
 Response via : Initial Calibration

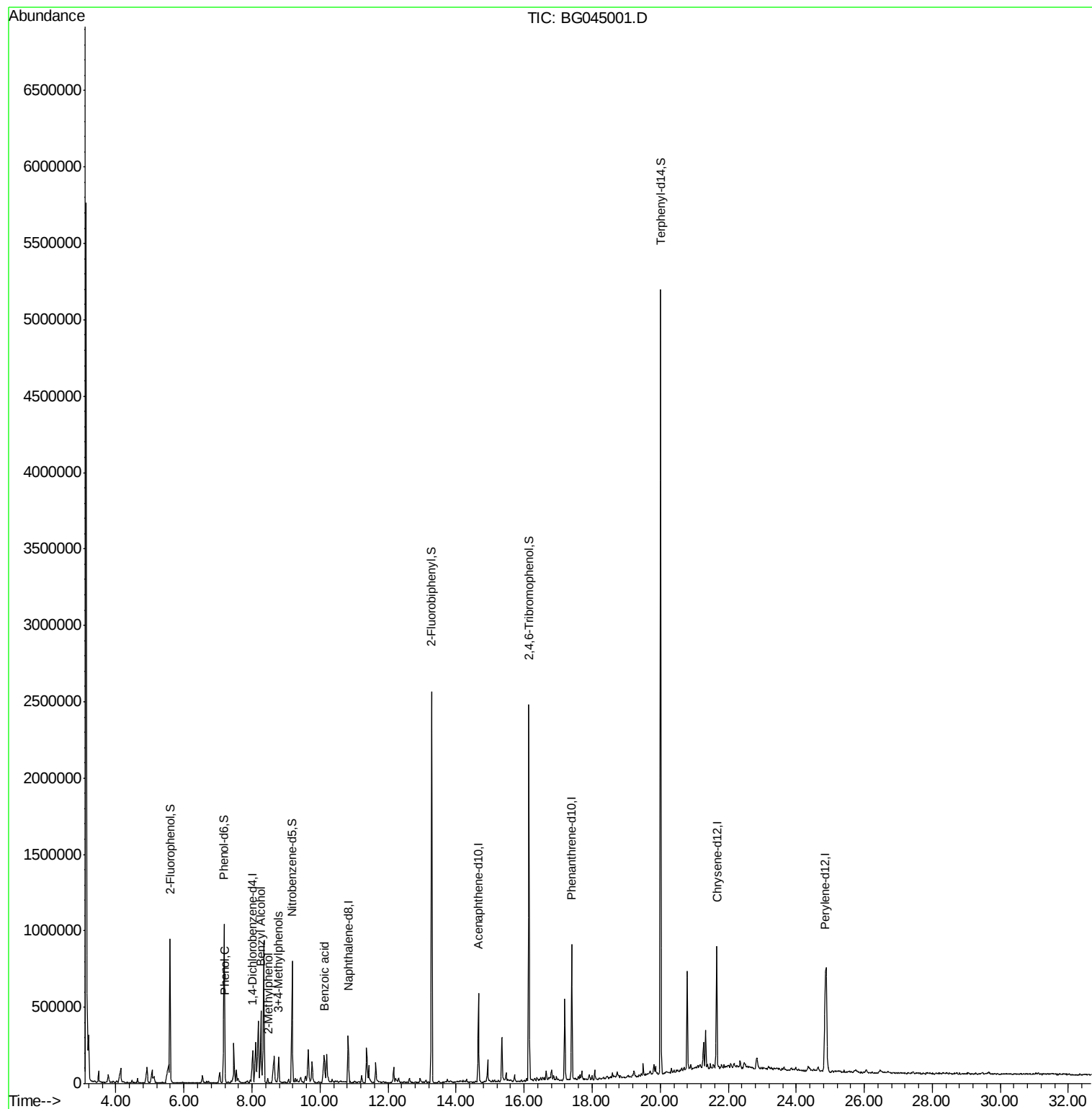
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)       |
|-----------------------------|-------|------|----------|--------|-------|----------------|
| 1) 1,4-Dichlorobenzene-d4   | 8.02  | 152  | 65097    | 20.00  | ng    | 0.00           |
| 21) Naphthalene-d8          | 10.83 | 136  | 277674   | 20.00  | ng    | 0.00           |
| 39) Acenaphthene-d10        | 14.65 | 164  | 221251   | 20.00  | ng    | 0.00           |
| 64) Phenanthrene-d10        | 17.40 | 188  | 534654   | 20.00  | ng    | 0.00           |
| 76) Chrysene-d12            | 21.66 | 240  | 504610   | 20.00  | ng    | 0.00           |
| 87) Perylene-d12            | 24.85 | 264  | 550464   | 20.00  | ng    | 0.00           |
| System Monitoring Compounds |       |      |          |        |       |                |
| 5) 2-Fluorophenol           | 5.59  | 112  | 465802   | 118.13 | ng    | 0.00           |
| 7) Phenol-d6                | 7.18  | 99   | 685766   | 117.06 | ng    | 0.00           |
| 23) Nitrobenzene-d5         | 9.18  | 82   | 536838   | 88.22  | ng    | 0.00           |
| 42) 2,4,6-Tribromophenol    | 16.15 | 330  | 521072   | 152.45 | ng    | 0.00           |
| 45) 2-Fluorobiphenyl        | 13.28 | 172  | 1371796  | 90.91  | ng    | 0.00           |
| 79) Terphenyl-d14           | 20.01 | 244  | 2390092  | 103.24 | ng    | 0.00           |
| Target Compounds            |       |      |          |        |       |                |
| 10) Phenol                  | 7.21  | 94   | 20189    | 3.444  | ng    | Qvalue<br># 71 |
| 15) Benzyl Alcohol          | 8.26  | 79   | 186029   | 37.875 | ng    | 92             |
| 17) 2-Methylphenol          | 8.46  | 107  | 9316     | 2.060  | ng    | 90             |
| 20) 3+4-Methylphenols       | 8.79  | 107  | 67632    | 10.683 | ng    | 93             |
| 32) Benzoic acid            | 10.13 | 122  | 110321   | 34.152 | ng    | 94             |

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041520\  
Data File : BG045001.D  
Acq On : 16 Apr 2020 3:34  
Operator : CG/JU  
Sample : L2278-01  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
CHASSIS-WASH

Quant Time: Apr 16 05:42:08 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Apr 15 17:57:00 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: BG045001.D

Acq: 16 Apr 2020 3:34

Instrument :

BNA\_G

ClientSampleId :

CHASSIS-WASH

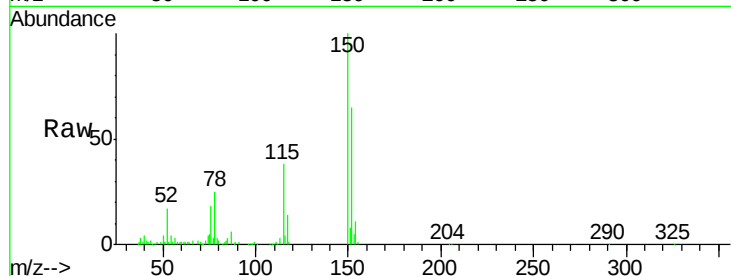
Tot Ion:152 Resp: 65097

Ion Ratio Lower Upper

152 100

150 154.9 123.6 185.4

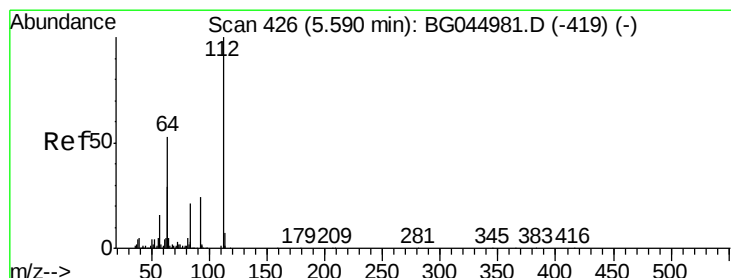
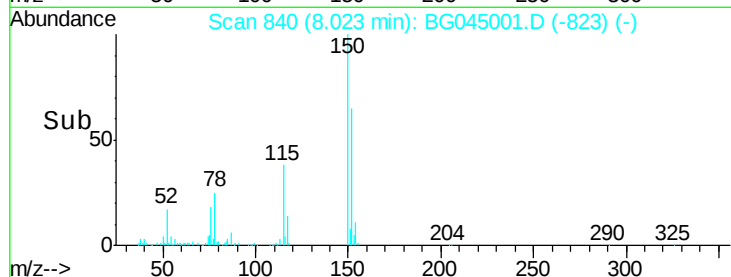
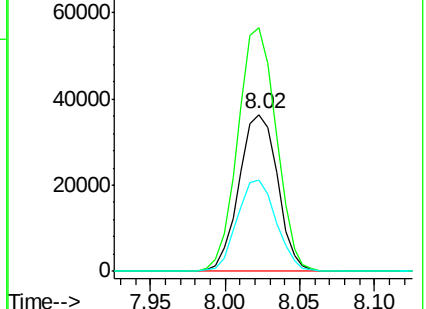
115 58.5 49.1 73.7



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: 118.134 ng

RT: 5.59 min Scan# 426

Delta R.T. 0.00 min

Lab File: BG045001.D

Acq: 16 Apr 2020 3:34

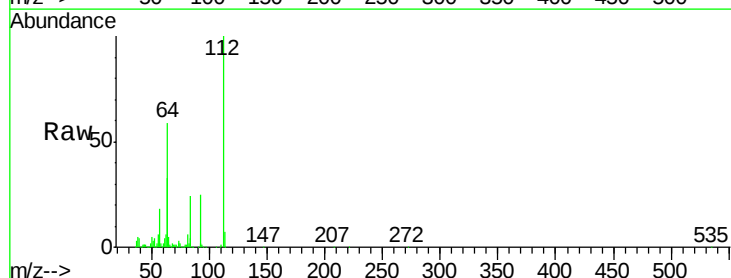
Tgt Ion:112 Resp: 465802

Ion Ratio Lower Upper

112 100

64 58.8 42.4 63.6

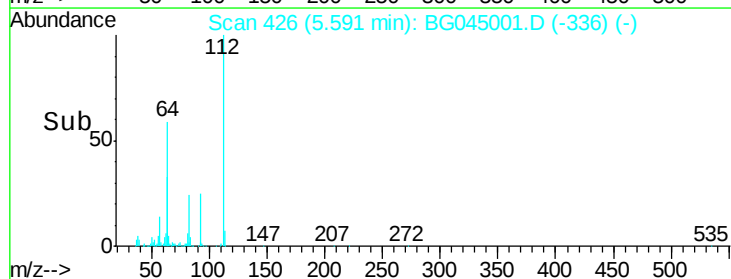
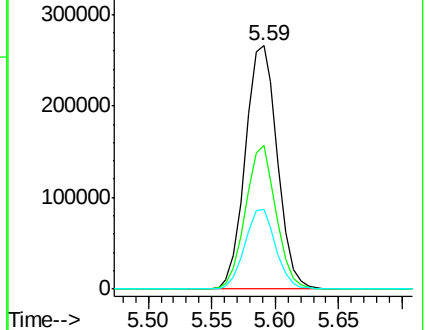
63 32.8 23.1 34.7

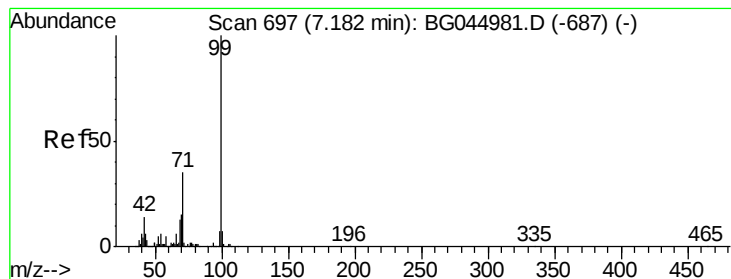


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 117.058 ng

RT: 7.18 min Scan# 697

Delta R.T. 0.00 min

Lab File: BG045001.D

Acq: 16 Apr 2020 3:34

Instrument :

BNA\_G

ClientSampleId :

CHASSIS-WASH

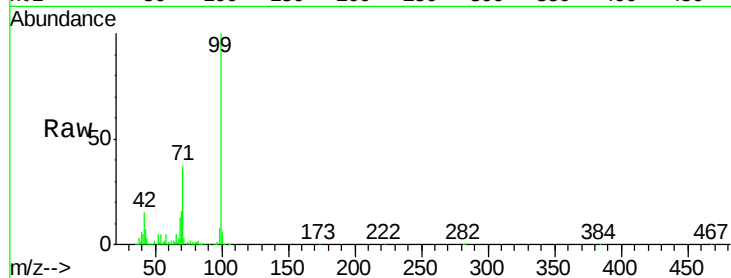
Tot Ion: 99 Resp: 685766

Ion Ratio Lower Upper

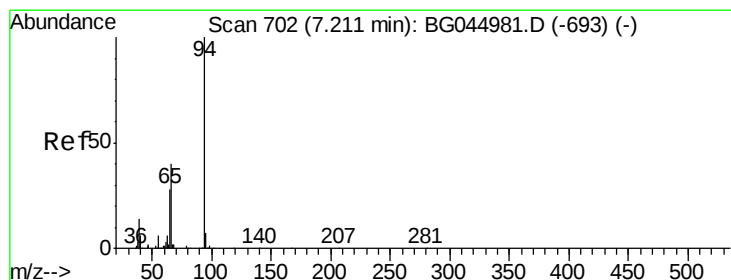
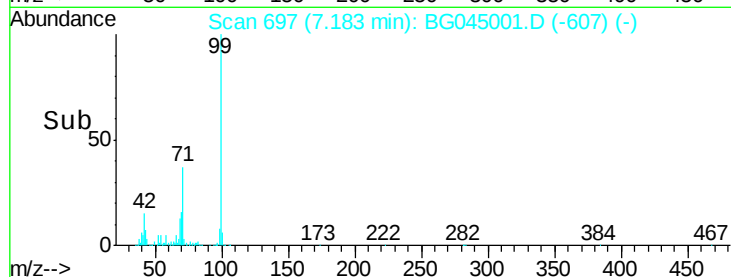
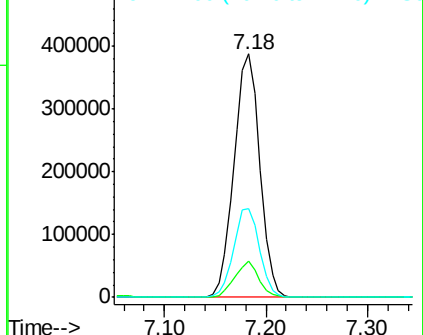
99 100

42 14.8 11.3 16.9

71 36.6 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



#10

Phenol

Concen: 3.444 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.00 min

Lab File: BG045001.D

Acq: 16 Apr 2020 3:34

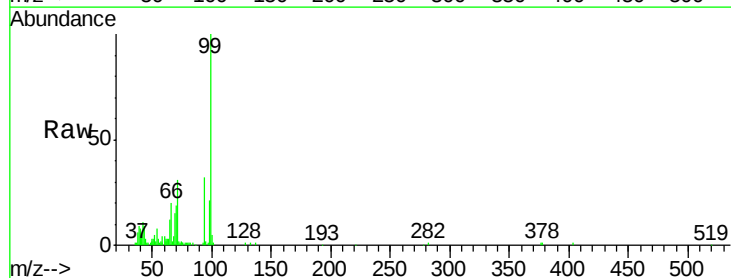
Tgt Ion: 94 Resp: 20189

Ion Ratio Lower Upper

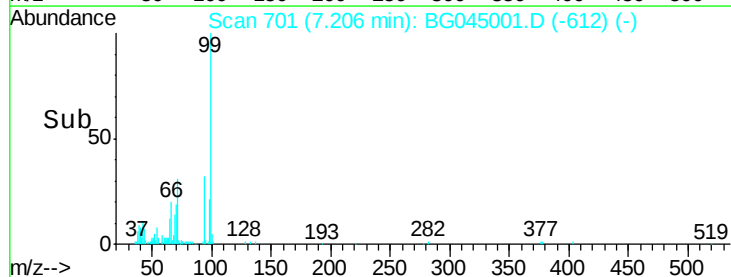
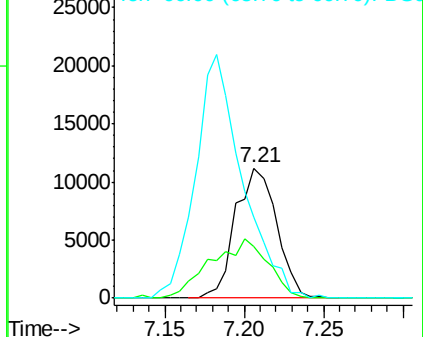
94 100

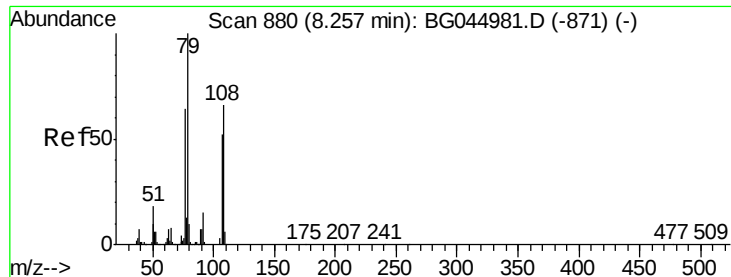
65 39.2 8.2 48.2

66 61.9 20.4 60.4#



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





#15

Benzyl Alcohol

Concen: 37.875 ng

RT: 8.26 min Scan# 880

Delta R.T. 0.00 min

Lab File: BG045001.D

Acq: 16 Apr 2020 3:34

Instrument :

BNA\_G

ClientSampleId :

CHASSIS-WASH

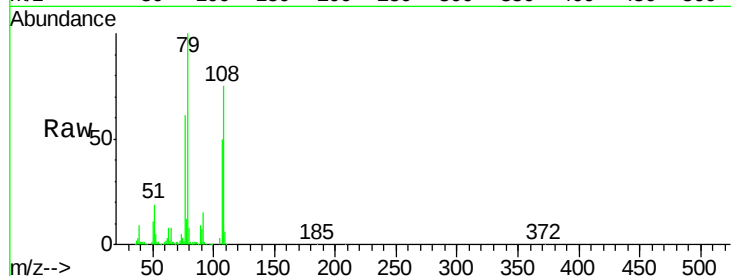
Tot Ion: 79 Resp: 186029

Ion Ratio Lower Upper

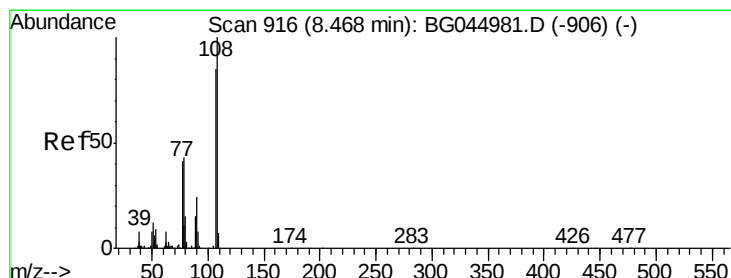
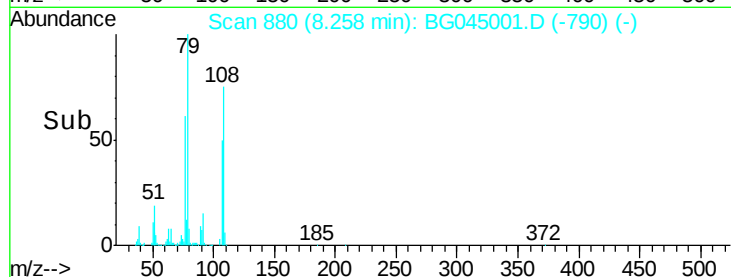
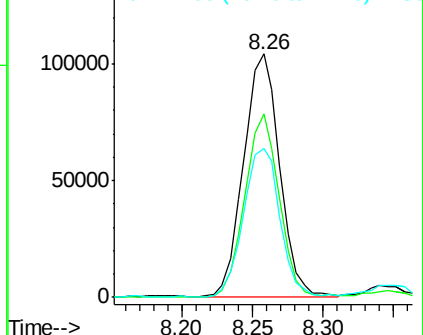
79 100

108 75.1 52.7 79.1

77 61.3 51.3 76.9



Abundance Ion 79.00 (78.70 to 79.70): BGC  
Ion 108.00 (107.70 to 108.70): BGC  
Ion 77.00 (76.70 to 77.70): BGC



#17

2-Methylphenol

Concen: 2.060 ng

RT: 8.46 min Scan# 915

Delta R.T. -0.00 min

Lab File: BG045001.D

Acq: 16 Apr 2020 3:34

Tgt Ion: 107 Resp: 9316

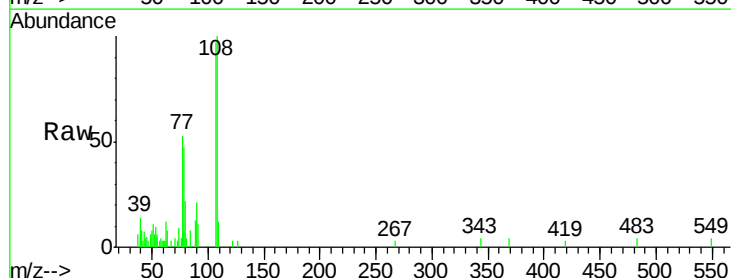
Ion Ratio Lower Upper

107 100

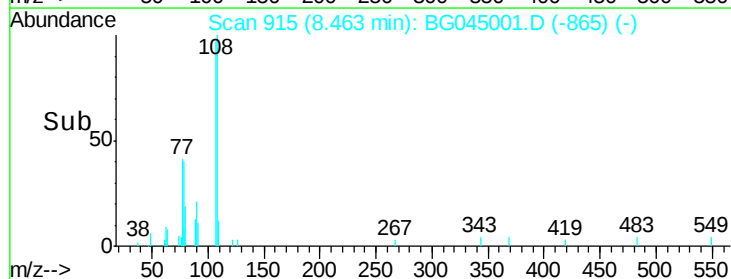
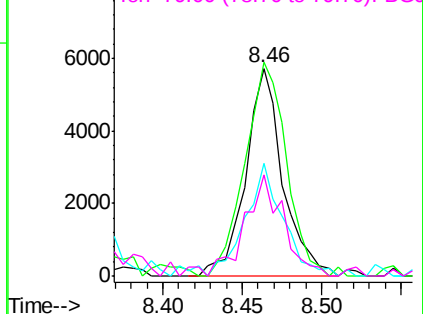
108 102.8 93.8 140.6

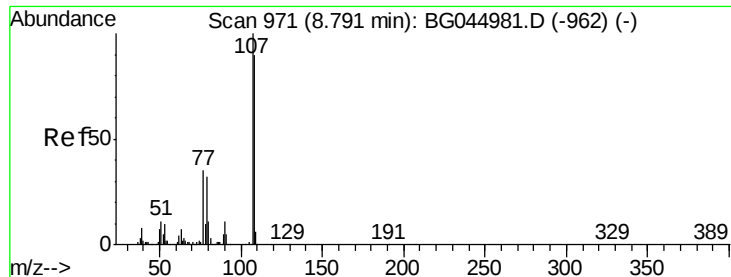
77 54.3 38.5 57.7

79 48.5 40.1 60.1



Abundance Ion 107.00 (106.70 to 107.70): BGC  
Ion 108.00 (107.70 to 108.70): BGC  
Ion 77.00 (76.70 to 77.70): BGC  
Ion 79.00 (78.70 to 79.70): BGC





#20

3+4-Methylphenols

Concen: 10.683 ng

RT: 8.79 min Scan# 970

Delta R.T. -0.00 min

Lab File: BG045001.D

Acq: 16 Apr 2020 3:34

Instrument :

BNA\_G

ClientSampleId :

CHASSIS-WASH

Tot Ion:107 Resp: 67632

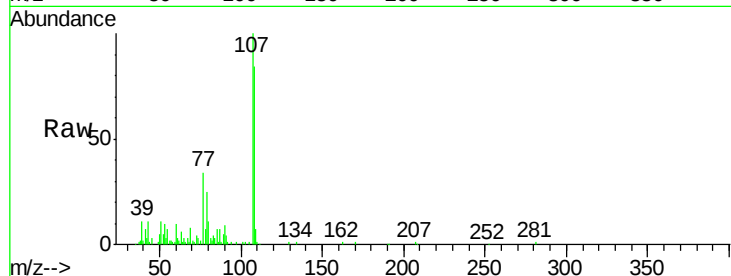
Ion Ratio Lower Upper

107 100

108 83.7 69.9 109.9

77 33.5 15.2 55.2

79 25.3 11.6 51.6

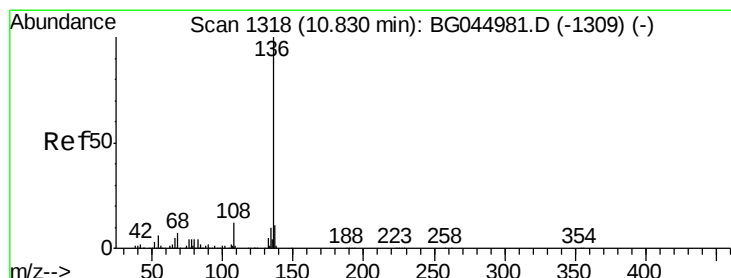
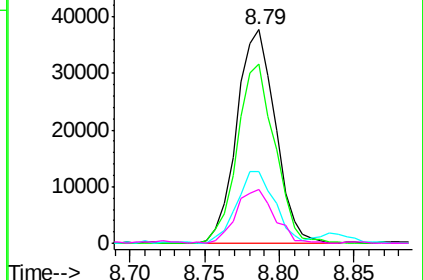
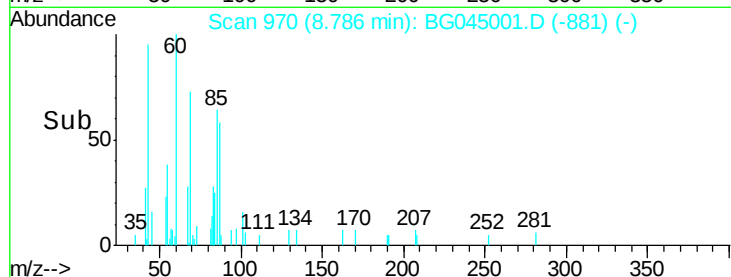


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.83 min Scan# 1318

Delta R.T. 0.00 min

Lab File: BG045001.D

Acq: 16 Apr 2020 3:34

Tgt Ion:136 Resp: 277674

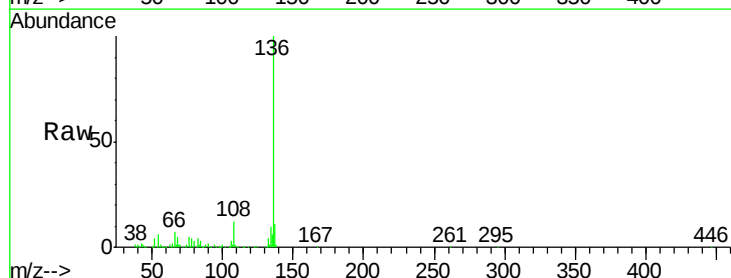
Ion Ratio Lower Upper

136 100

137 11.3 8.6 13.0

54 5.8 4.8 7.2

68 5.1 5.2 7.8#

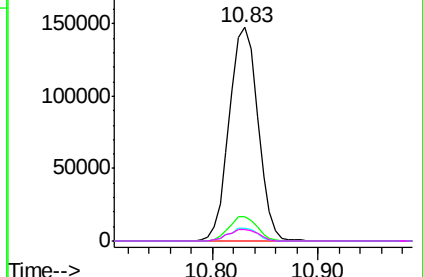
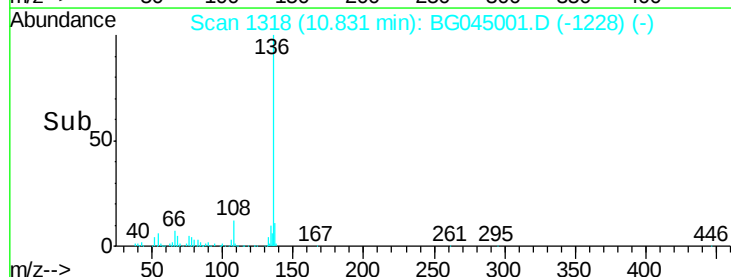


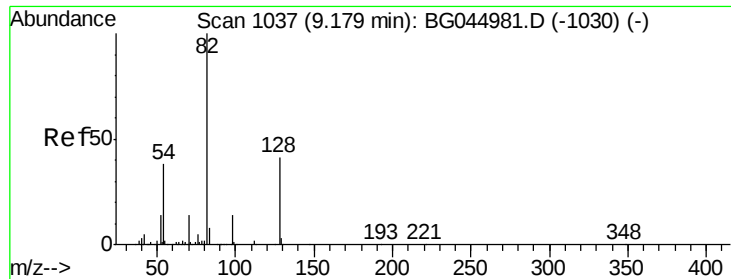
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BG

Ion 68.00 (67.70 to 68.70): BG

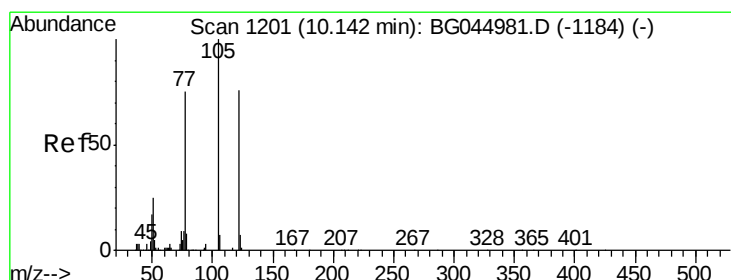
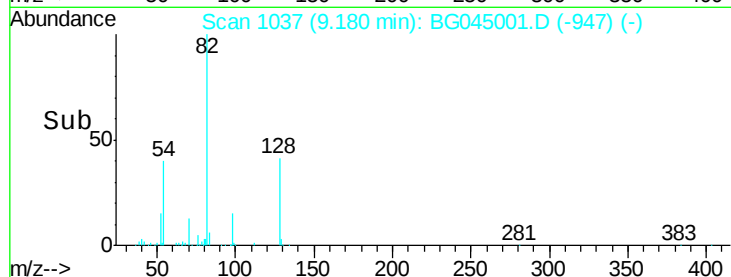
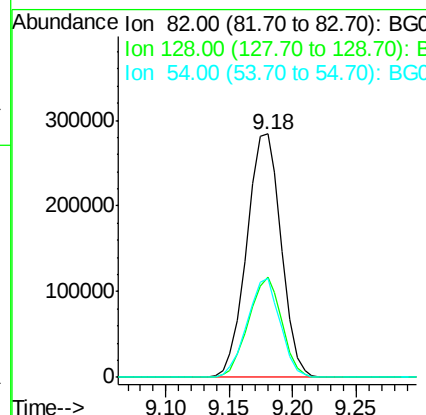
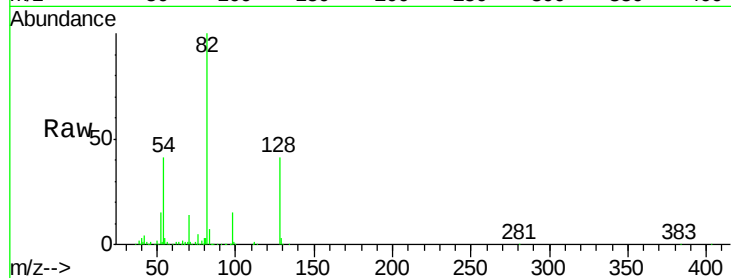




#23  
 Nitrobenzene-d5  
 Concen: 88.216 ng  
 RT: 9.18 min Scan# 1037  
 Delta R.T. 0.00 min  
 Lab File: BG045001.D  
 Acq: 16 Apr 2020 3:34

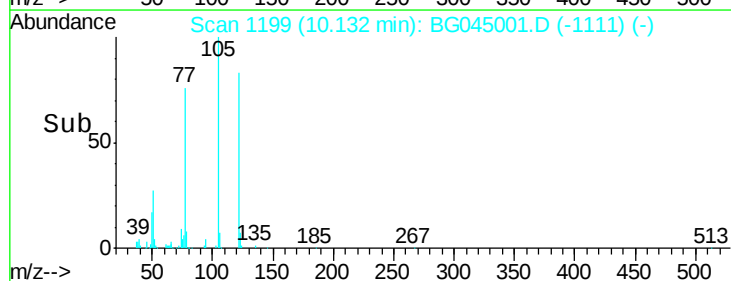
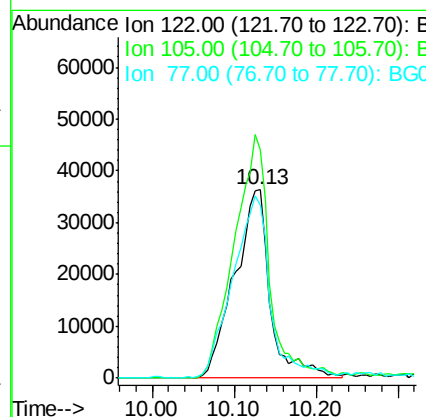
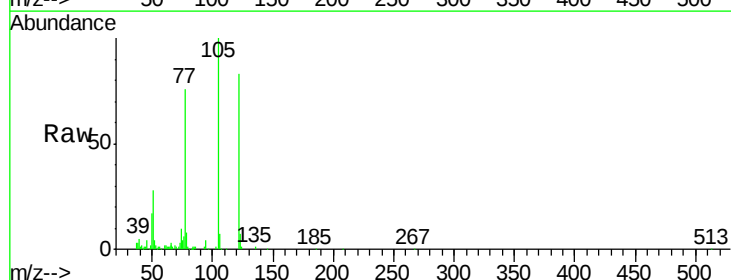
Instrument :  
 BNA\_G  
 ClientSampleId :  
 CHASSIS-WASH

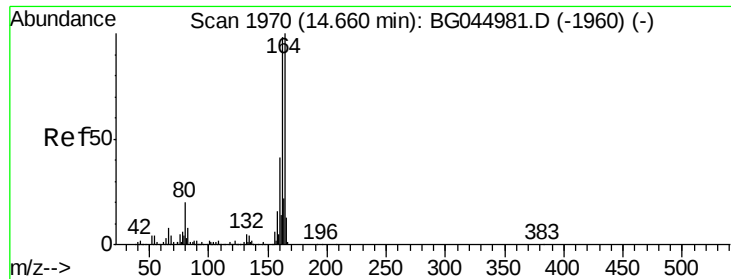
| Tot Ion   | 82    | Resp  | 536838 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 128       | 41.2  | 33.0  | 49.4   |
| 54        | 40.6  | 30.4  | 45.6   |



#32  
 Benzoic acid  
 Concen: 34.152 ng  
 RT: 10.13 min Scan# 1199  
 Delta R.T. -0.01 min  
 Lab File: BG045001.D  
 Acq: 16 Apr 2020 3:34

| Tgt Ion   | 122   | Resp  | 110321 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 122       | 100   |       |        |
| 105       | 121.1 | 108.4 | 148.4  |
| 77        | 92.2  | 78.8  | 118.8  |





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.65 min Scan# 1969

Delta R.T. -0.00 min

Lab File: BG045001.D

Acq: 16 Apr 2020 3:34

Instrument :

BNA\_G

ClientSampleId :

CHASSIS-WASH

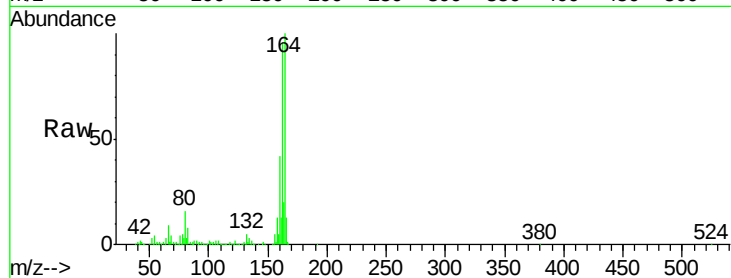
Tot Ion:164 Resp: 221251

Ion Ratio Lower Upper

164 100

162 96.0 78.7 118.1

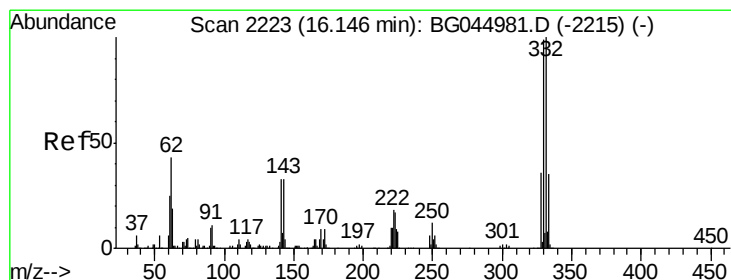
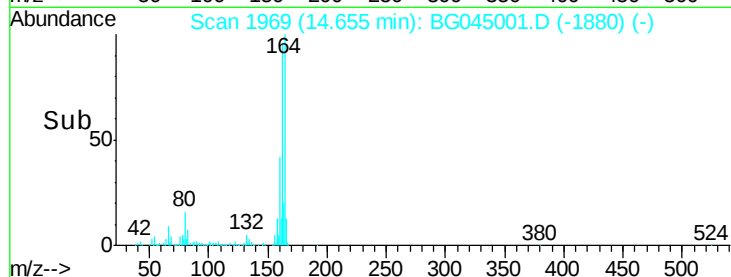
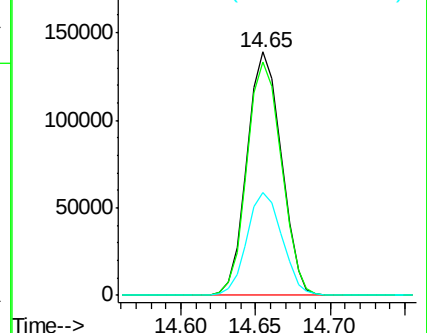
160 42.1 32.8 49.2



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: 152.448 ng

RT: 16.15 min Scan# 2223

Delta R.T. 0.00 min

Lab File: BG045001.D

Acq: 16 Apr 2020 3:34

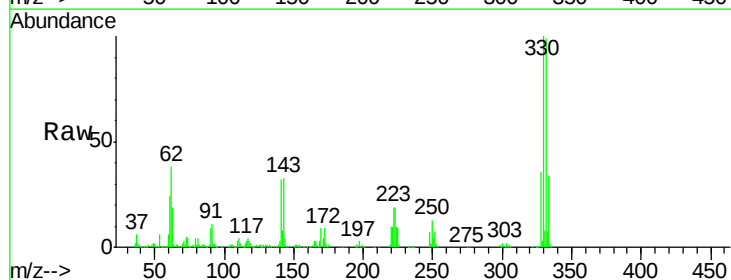
Tgt Ion:330 Resp: 521072

Ion Ratio Lower Upper

330 100

332 97.5 79.1 118.7

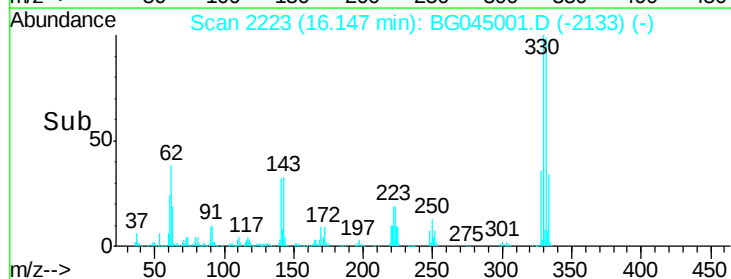
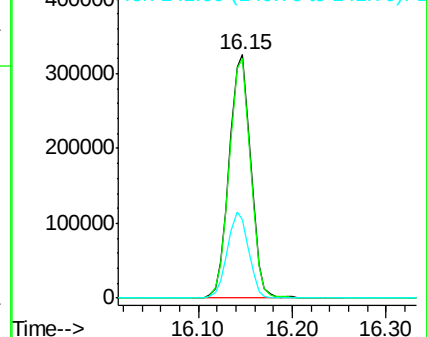
141 35.0 27.1 40.7

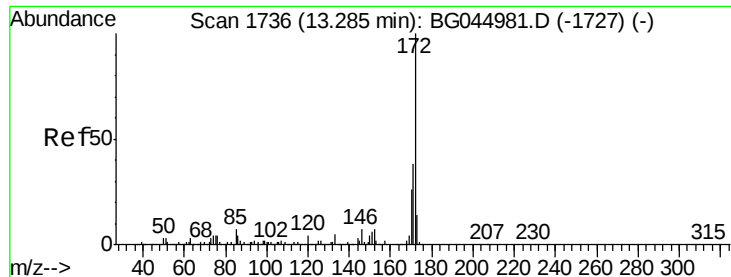


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

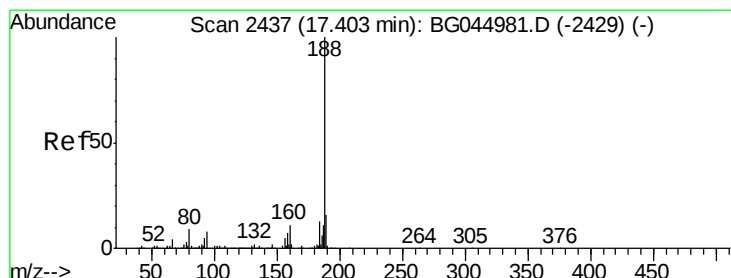
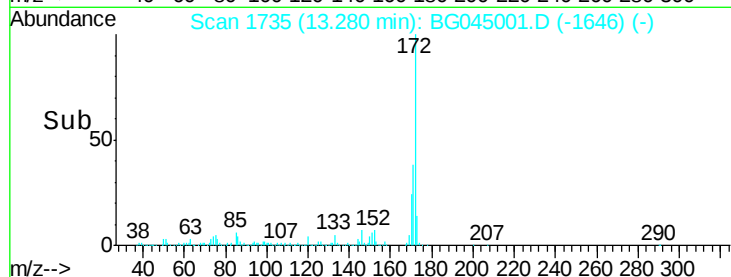
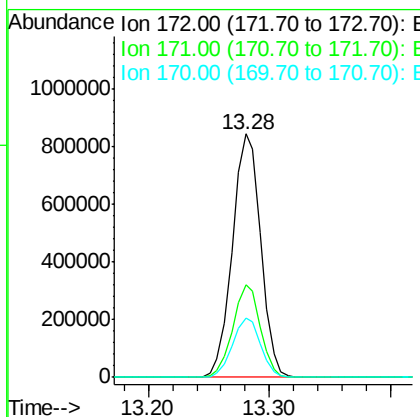
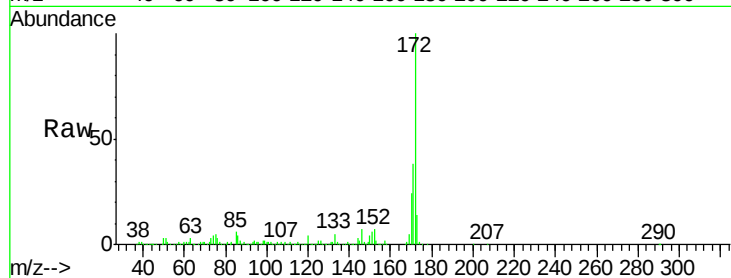




#45  
2-Fluorobiphenyl  
Concen: 90.914 ng  
RT: 13.28 min Scan# 1735  
Delta R.T. -0.00 min  
Lab File: BG045001.D  
Acq: 16 Apr 2020 3:34

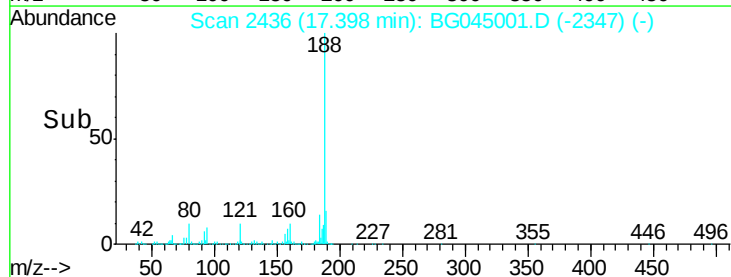
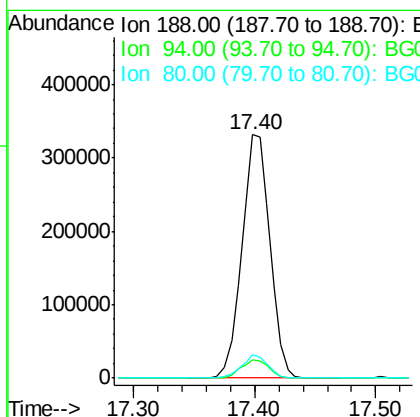
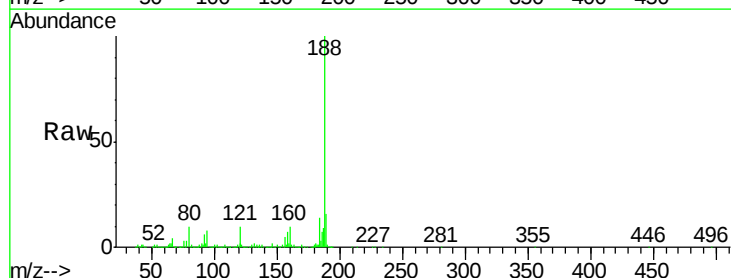
Instrument :  
BNA\_G  
ClientSampleId :  
CHASSIS-WASH

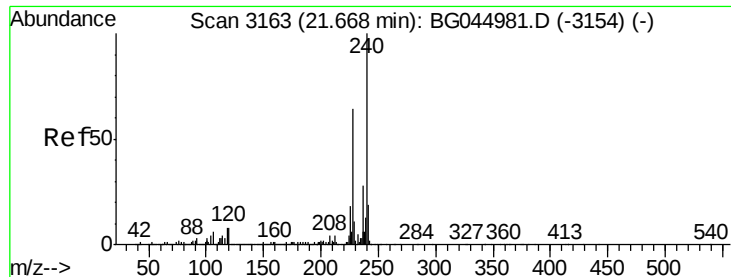
Tot Ion:172 Resp: 1371796  
Ion Ratio Lower Upper  
172 100  
171 38.2 30.6 46.0  
170 24.4 20.5 30.7



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.40 min Scan# 2436  
Delta R.T. -0.00 min  
Lab File: BG045001.D  
Acq: 16 Apr 2020 3:34

Tgt Ion:188 Resp: 534654  
Ion Ratio Lower Upper  
188 100  
94 7.8 6.2 9.4  
80 9.6 7.0 10.6

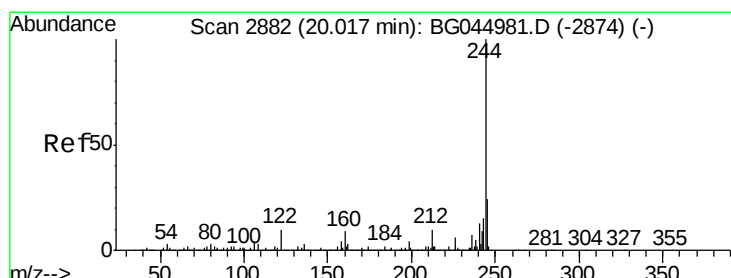
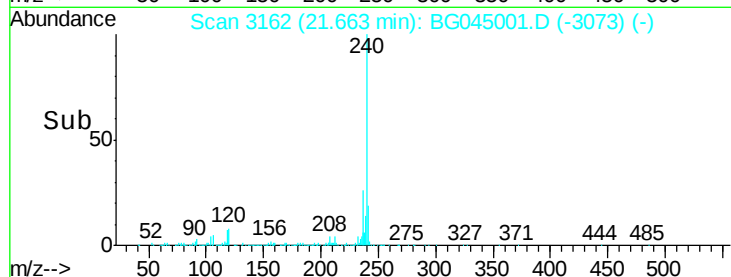
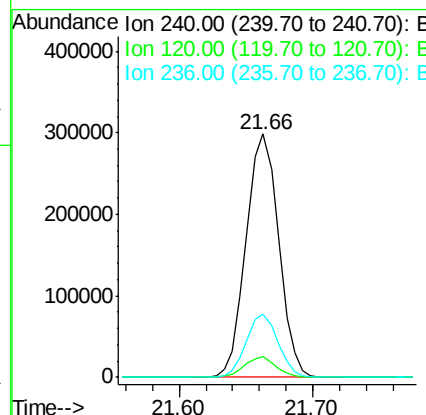
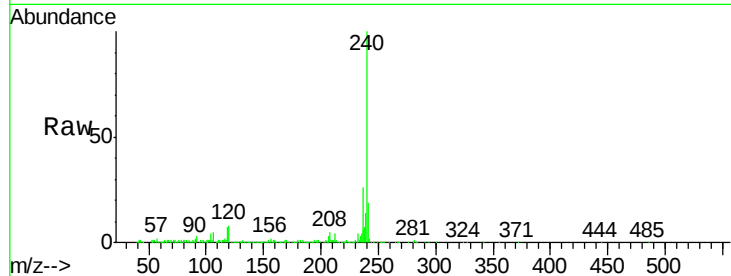




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.66 min Scan# 3162  
Delta R.T. -0.00 min  
Lab File: BG045001.D  
Acq: 16 Apr 2020 3:34

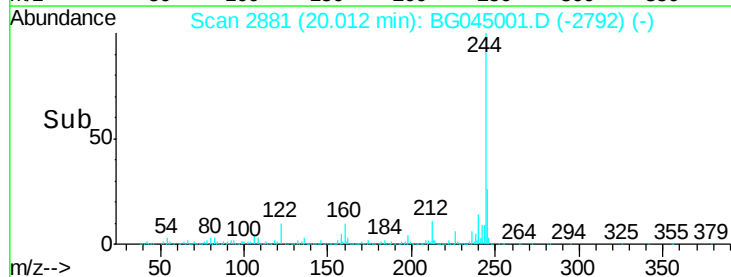
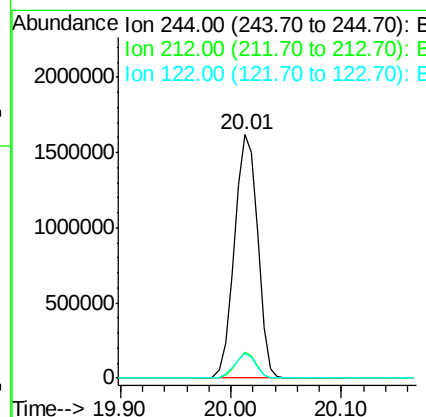
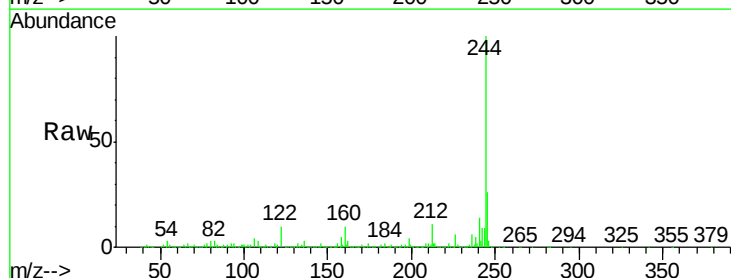
Instrument :  
BNA\_G  
ClientSampleId :  
CHASSIS-WASH

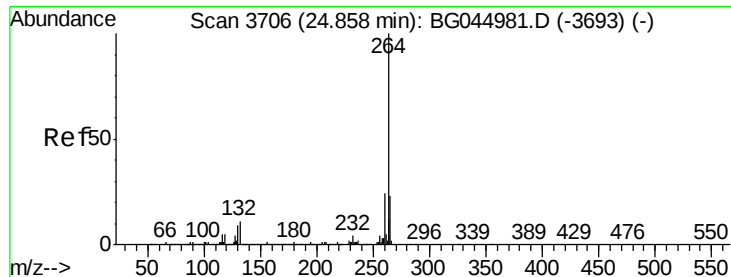
Tot Ion:240 Resp: 504610  
Ion Ratio Lower Upper  
240 100  
120 8.4 6.6 10.0  
236 26.1 22.2 33.2



#79  
Terphenyl-d14  
Concen: 103.235 ng  
RT: 20.01 min Scan# 2881  
Delta R.T. -0.00 min  
Lab File: BG045001.D  
Acq: 16 Apr 2020 3:34

Tgt Ion:244 Resp: 2390092  
Ion Ratio Lower Upper  
244 100  
212 10.6 7.9 11.9  
122 10.1 7.7 11.5

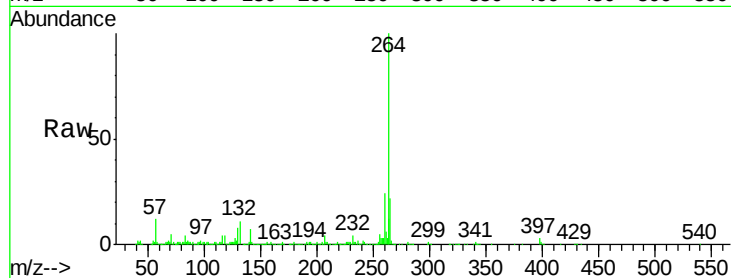




#87  
Pervlene-d12  
Concen: 20.000 ng  
RT: 24.85 min Scan# 3705  
Delta R.T. -0.00 min  
Lab File: BG045001.D  
Acq: 16 Apr 2020 3:34

Instrument :  
BNA\_G  
ClientSampleId :  
CHASSIS-WASH

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.7  | 19.2  | 28.8  |
| 265     | 21.6  | 19.0  | 28.4  |



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

