

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022120\  
 Data File : BG044556.D  
 Acq On : 21 Feb 2020 19:34  
 Operator : CG/JU  
 Sample : L1586-03  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 0175-COMP-CM-A-MOD-ELUTRIAT

Quant Time: Feb 22 06:20:05 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Feb 21 16:02:12 2020  
 Response via : Initial Calibration

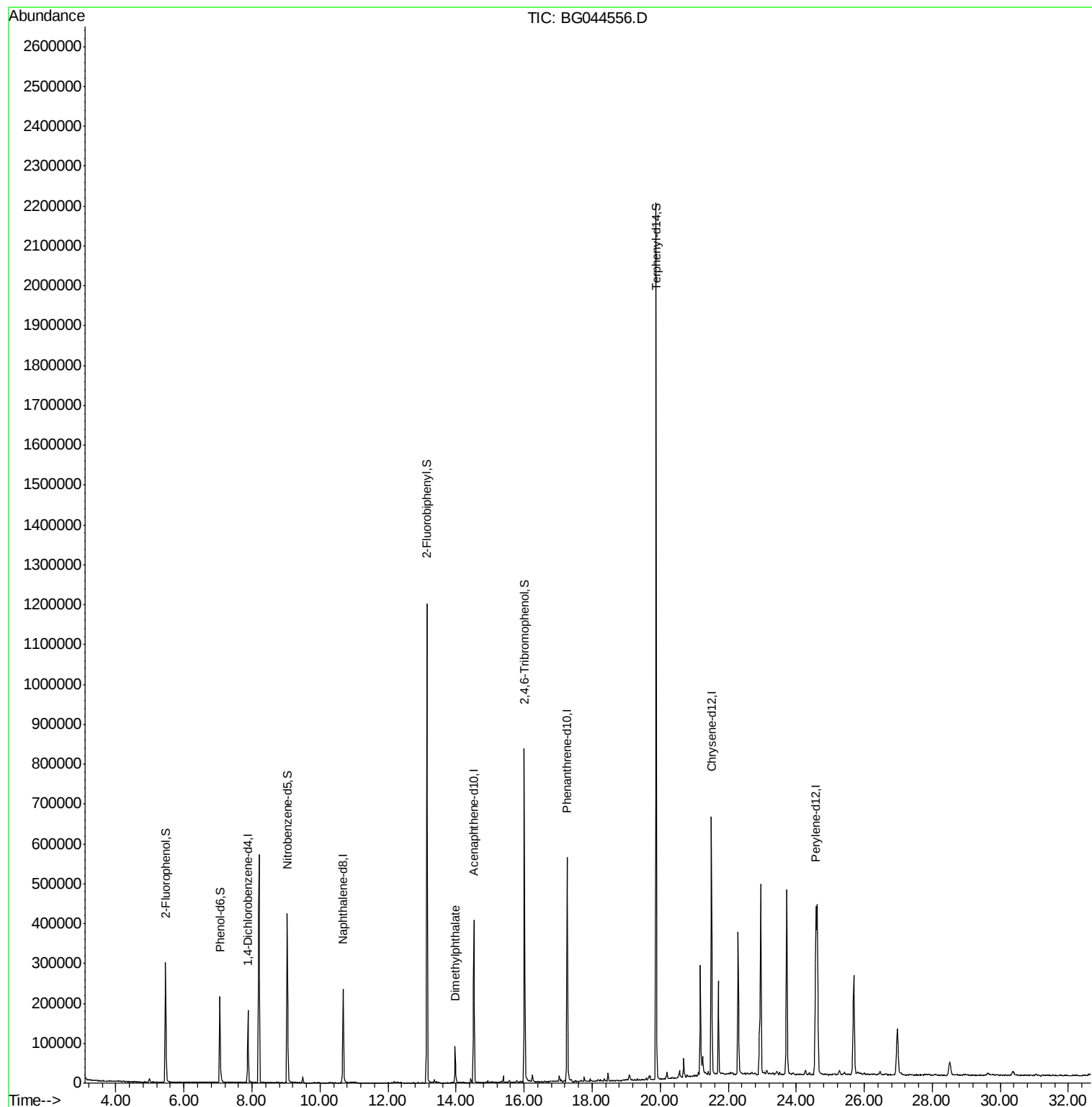
| Internal Standards          | R.T.  | QIon | Response | Conc  | Units | Dev(Min)  |
|-----------------------------|-------|------|----------|-------|-------|-----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.88  | 152  | 56372    | 20.00 | ng    | 0.00      |
| 21) Naphthalene-d8          | 10.68 | 136  | 226059   | 20.00 | ng    | 0.00      |
| 39) Acenaphthene-d10        | 14.52 | 164  | 151441   | 20.00 | ng    | 0.00      |
| 64) Phenanthrene-d10        | 17.27 | 188  | 364625   | 20.00 | ng    | 0.00      |
| 76) Chrysene-d12            | 21.51 | 240  | 367555   | 20.00 | ng    | 0.00      |
| 87) Perylene-d12            | 24.58 | 264  | 414995   | 20.00 | ng    | 0.00      |
| System Monitoring Compounds |       |      |          |       |       |           |
| 5) 2-Fluorophenol           | 5.46  | 112  | 156737   | 49.07 | ng    | 0.00      |
| 7) Phenol-d6                | 7.05  | 99   | 150338   | 35.05 | ng    | 0.00      |
| 23) Nitrobenzene-d5         | 9.03  | 82   | 282907   | 70.65 | ng    | 0.00      |
| 42) 2,4,6-Tribromophenol    | 16.01 | 330  | 176110   | 99.06 | ng    | 0.00      |
| 45) 2-Fluorobiphenyl        | 13.14 | 172  | 673733   | 74.50 | ng    | 0.00      |
| 79) Terphenyl-d14           | 19.88 | 244  | 1115855  | 62.44 | ng    | 0.00      |
| Target Compounds            |       |      |          |       |       |           |
| 50) Dimethylphthalate       | 13.97 | 163  | 74242    | 6.820 | ng    | Qvalue 99 |

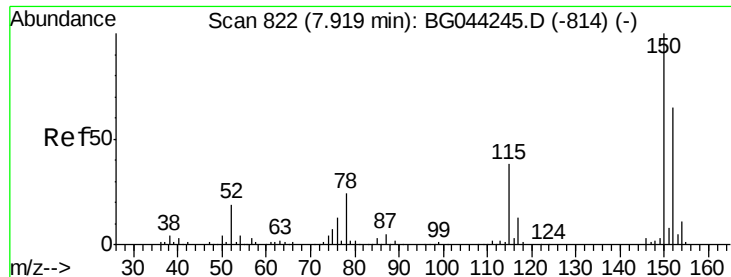
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 16 Sample Multiplier: 1

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0175-COMP-CM-A-MOD-ELUTRIAT

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Feb 21 16:02:12 2020  
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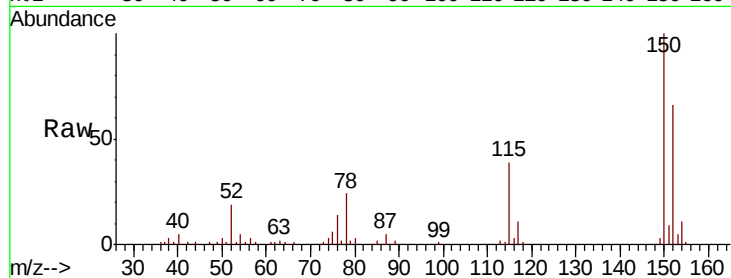


#1

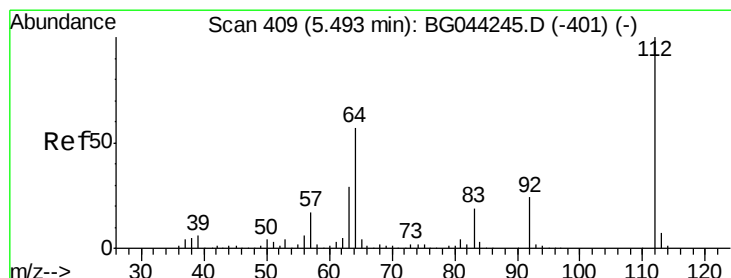
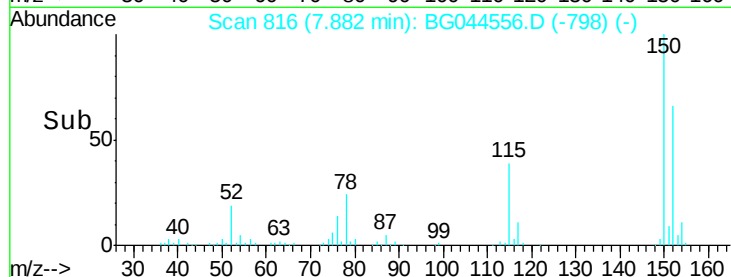
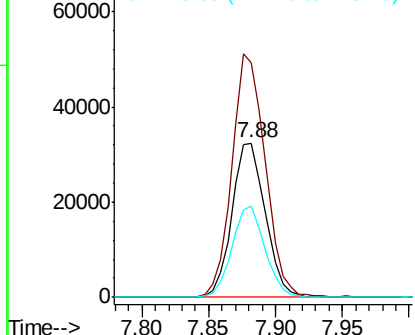
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.88 min Scan# 816  
Delta R.T. 0.00 min  
Lab File: BG044556.D  
Acq: 21 Feb 2020 19:34

Instrument :  
BNA\_G  
ClientSampleId :  
0175-COMP-CM-A-MOD-ELUTRIAT

Tot Ion:152 Resp: 56372  
Ion Ratio Lower Upper  
152 100  
150 152.2 123.1 184.7  
115 59.2 45.1 67.7



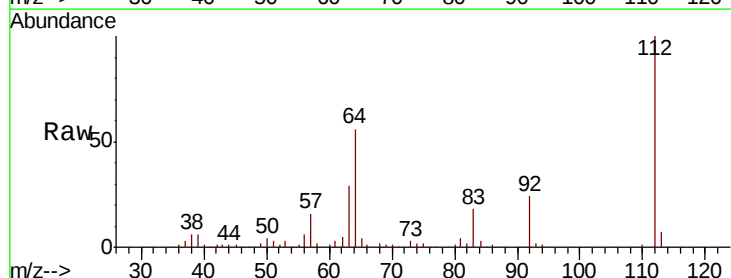
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



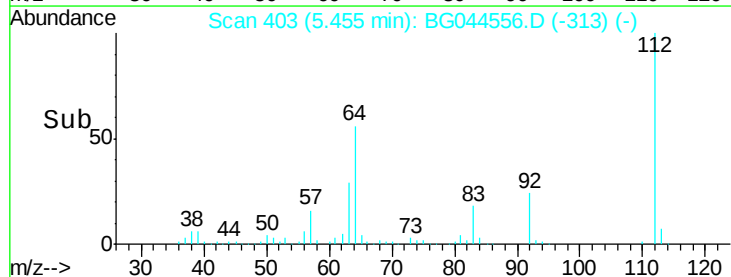
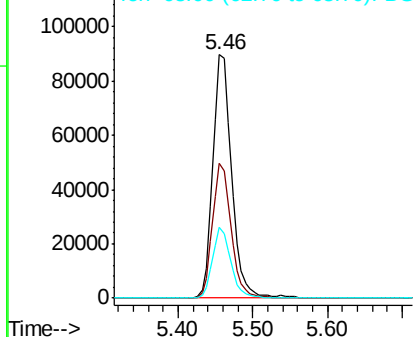
#5

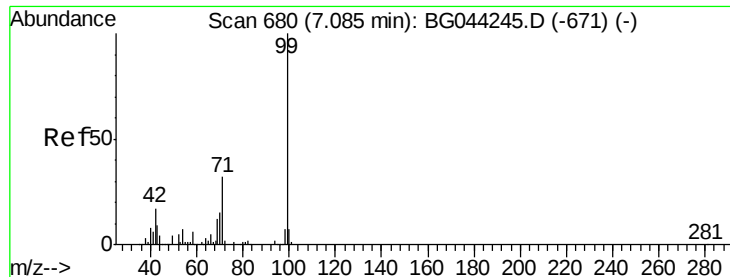
2-Fluorophenol  
Concen: 49.070 ng  
RT: 5.46 min Scan# 403  
Delta R.T. -0.00 min  
Lab File: BG044556.D  
Acq: 21 Feb 2020 19:34

Tgt Ion:112 Resp: 156737  
Ion Ratio Lower Upper  
112 100  
64 55.6 44.5 66.7  
63 29.1 22.2 33.2



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: 35.050 ng

RT: 7.05 min Scan# 675

Delta R.T. -0.00 min

Lab File: BG044556.D

Acq: 21 Feb 2020 19:34

Instrument :

BNA\_G

ClientSampleId :

0175-COMP-CM-A-MOD-ELUTRIAT

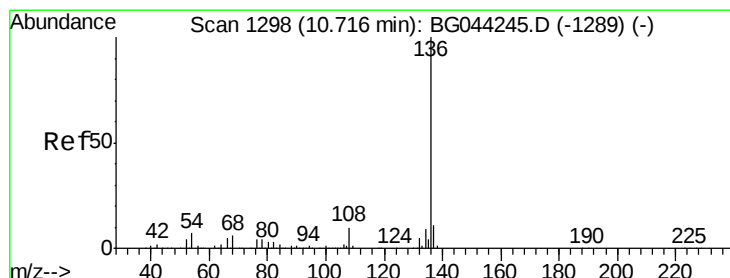
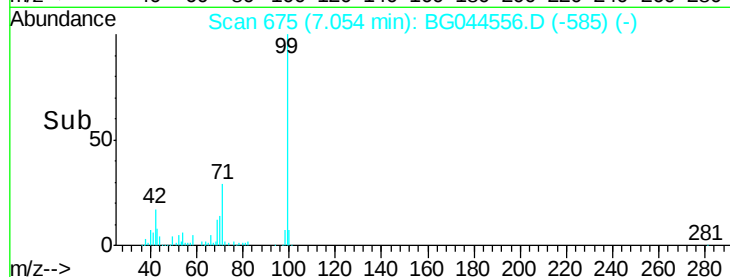
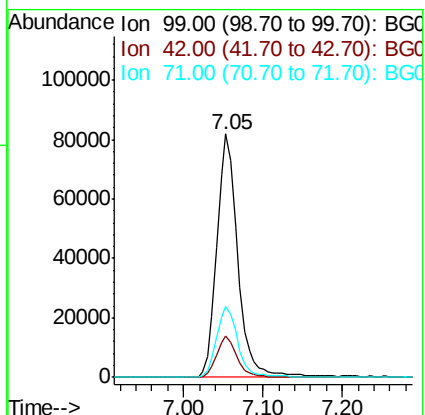
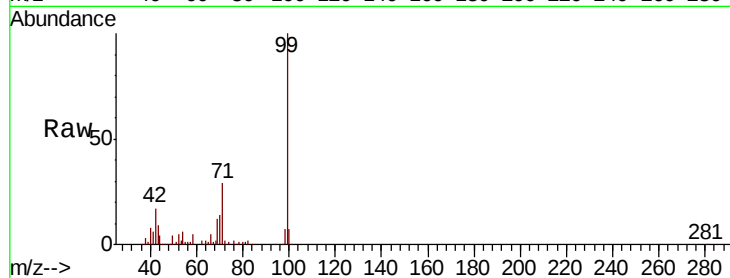
Tot Ion: 99 Resp: 150338

Ion Ratio Lower Upper

99 100

42 16.9 13.4 20.0

71 29.1 24.7 37.1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.68 min Scan# 1292

Delta R.T. -0.00 min

Lab File: BG044556.D

Acq: 21 Feb 2020 19:34

Tgt Ion: 136 Resp: 226059

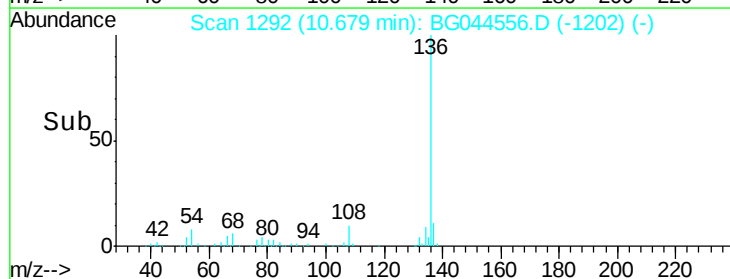
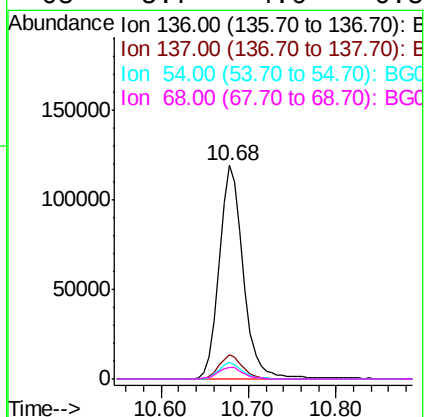
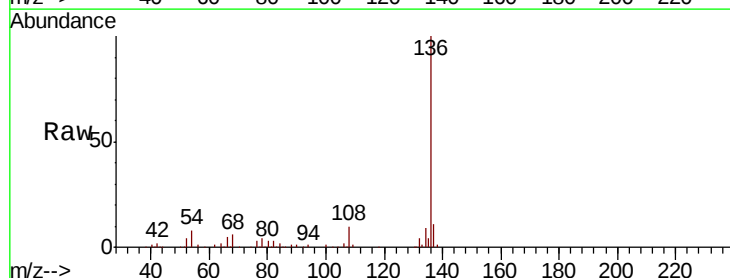
Ion Ratio Lower Upper

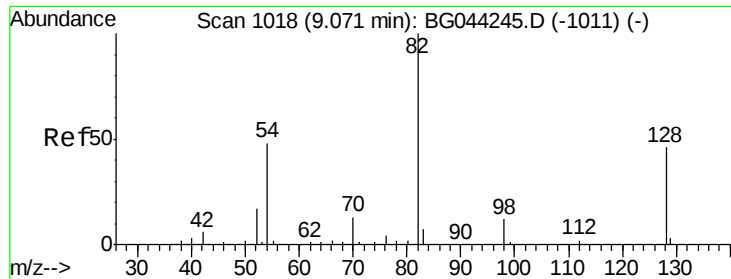
136 100

137 11.5 9.0 13.6

54 7.8 5.5 8.3

68 5.7 4.6 6.8

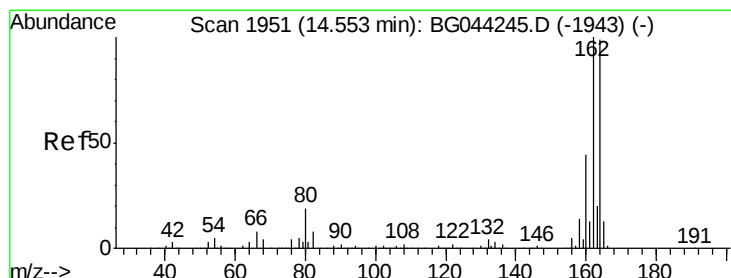
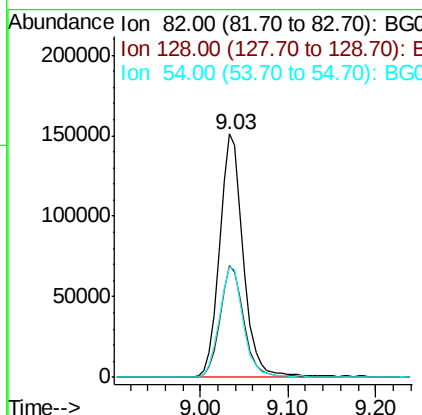
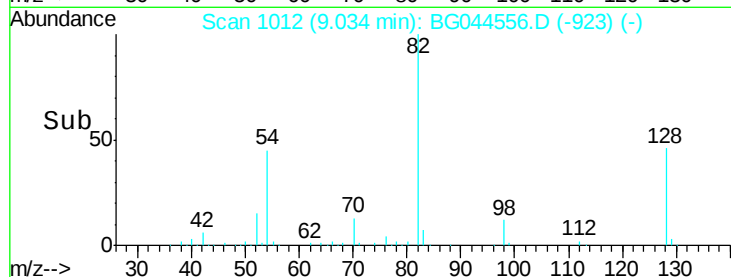
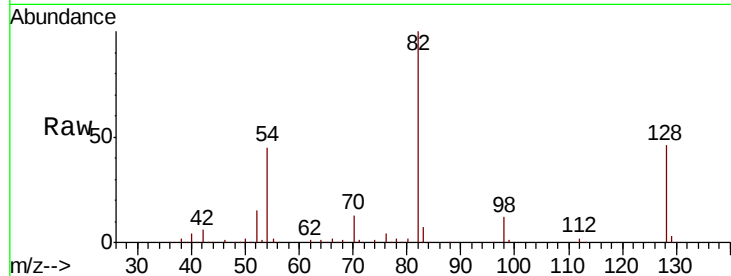




#23  
Nitrobenzene-d5  
Concen: 70.654 ng  
RT: 9.03 min Scan# 1012  
Delta R.T. -0.01 min  
Lab File: BG044556.D  
Acq: 21 Feb 2020 19:34

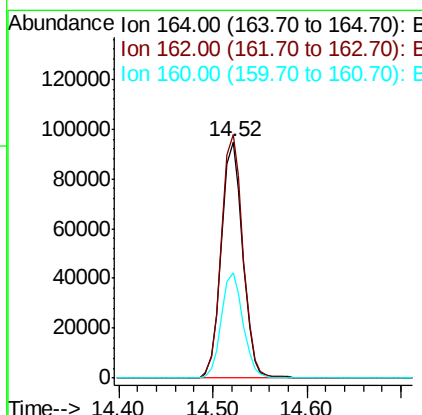
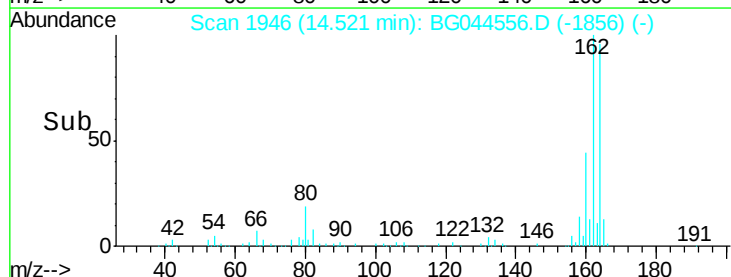
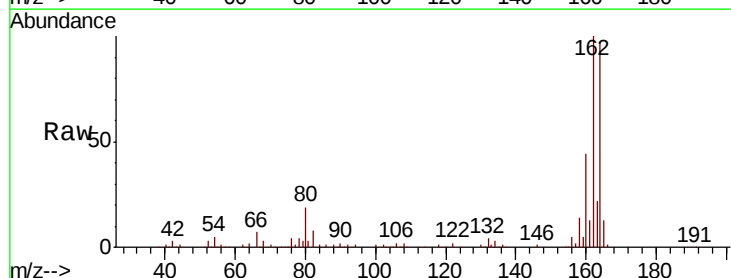
Instrument :  
BNA\_G  
ClientSampleId :  
0175-COMP-CM-A-MOD-ELUTRIAT

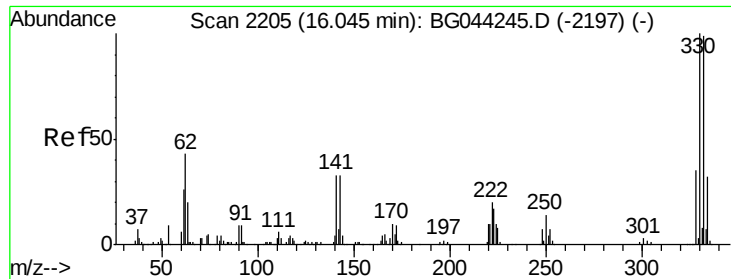
| Tot Ion   | 82   | Resp  | 282907 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 128       | 45.8 | 39.1  | 58.7   |
| 54        | 45.4 | 37.9  | 56.9   |



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.52 min Scan# 1946  
Delta R.T. -0.00 min  
Lab File: BG044556.D  
Acq: 21 Feb 2020 19:34

| Tgt Ion   | 164   | Resp  | 151441 |
|-----------|-------|-------|--------|
| Ion Ratio | 100   | Lower | Upper  |
| 162       | 102.9 | 81.9  | 122.9  |
| 160       | 44.8  | 35.5  | 53.3   |

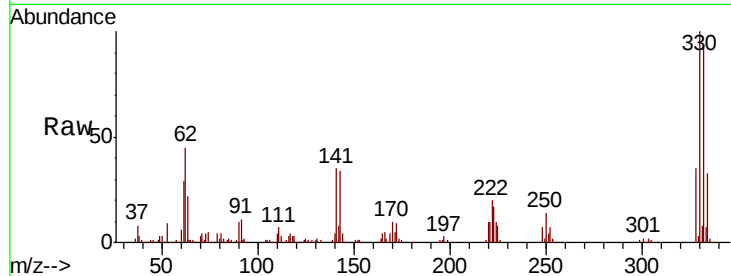




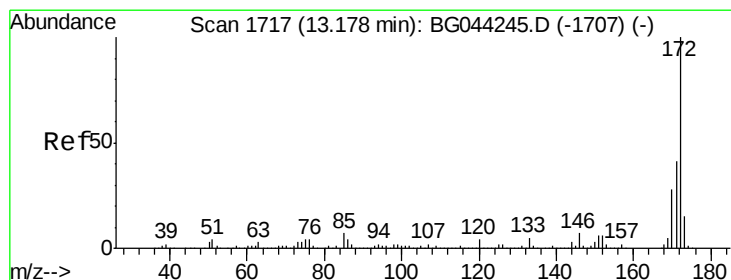
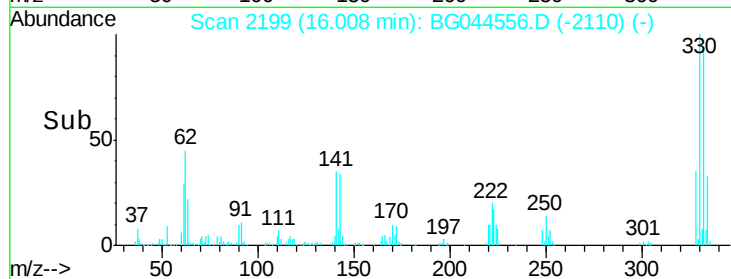
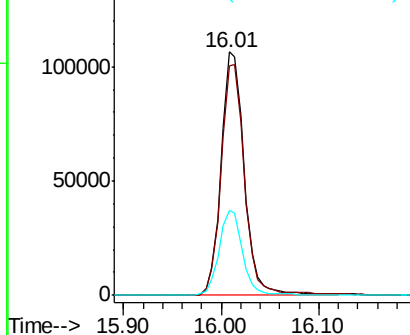
#42  
 2,4,6-Tribromophenol  
 Concen: 99.059 ng  
 RT: 16.01 min Scan# 2199  
 Delta R.T. -0.01 min  
 Lab File: BG044556.D  
 Acq: 21 Feb 2020 19:34

Instrument :  
 BNA\_G  
 ClientSampleId :  
 0175-COMP-CM-A-MOD-ELUTRIAT

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 96.2  | 76.6  | 115.0 |
| 141     | 35.6  | 26.5  | 39.7  |

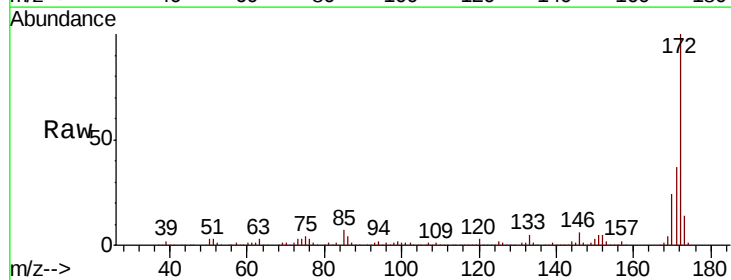


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

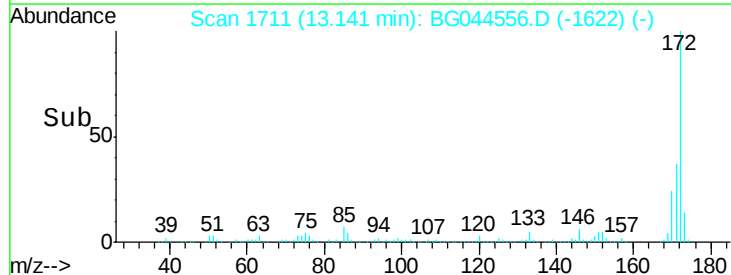
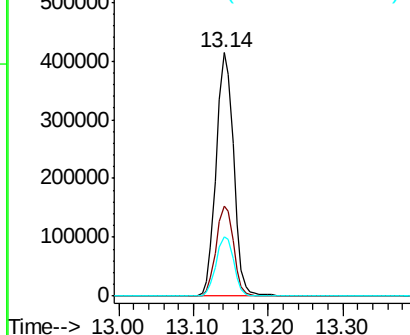


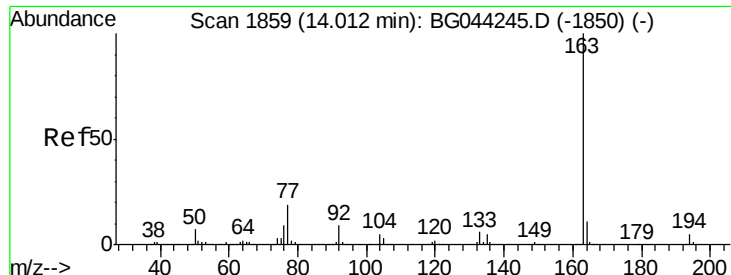
#45  
 2-Fluorobiphenyl  
 Concen: 74.498 ng  
 RT: 13.14 min Scan# 1711  
 Delta R.T. -0.01 min  
 Lab File: BG044556.D  
 Acq: 21 Feb 2020 19:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 37.2  | 32.3  | 48.5  |
| 170     | 24.4  | 21.6  | 32.4  |



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: 6.820 ng

RT: 13.97 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BG044556.D

Acq: 21 Feb 2020 19:34

Instrument :

BNA\_G

ClientSampleId :

0175-COMP-CM-A-MOD-ELUTRIAT

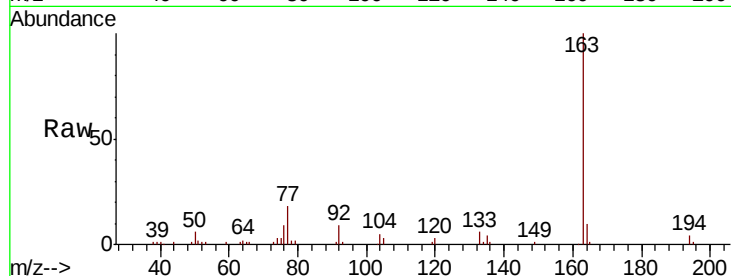
Tot Ion:163 Resp: 74242

Ion Ratio Lower Upper

163 100

194 4.3 3.6 5.4

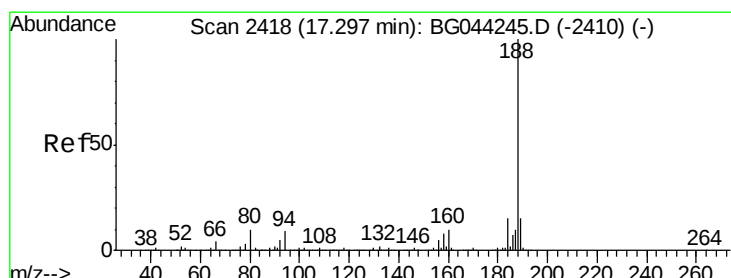
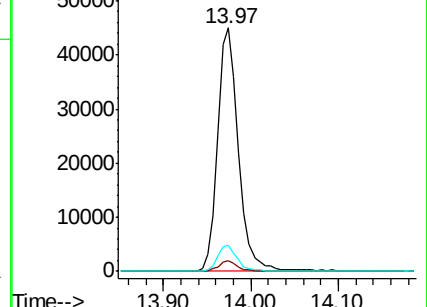
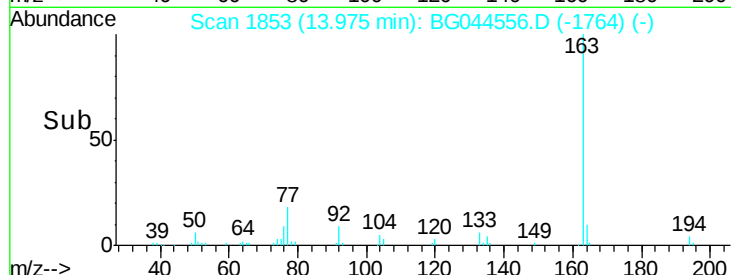
164 10.4 8.9 13.3



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: 17.27 min Scan# 2413

Delta R.T. -0.00 min

Lab File: BG044556.D

Acq: 21 Feb 2020 19:34

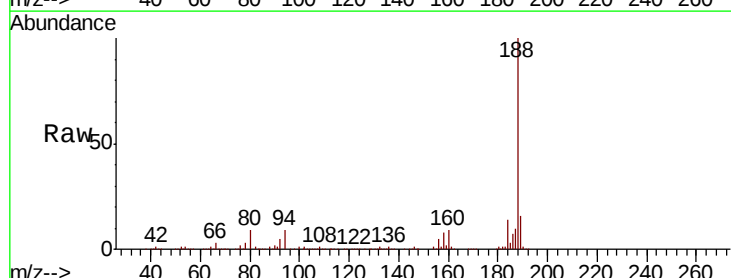
Tgt Ion:188 Resp: 364625

Ion Ratio Lower Upper

188 100

94 8.6 7.4 11.0

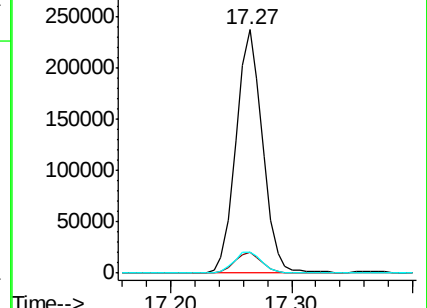
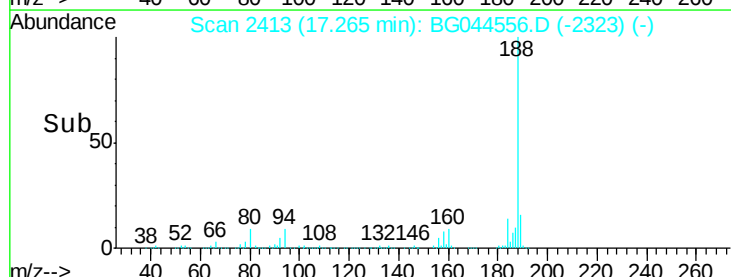
80 8.8 7.8 11.6

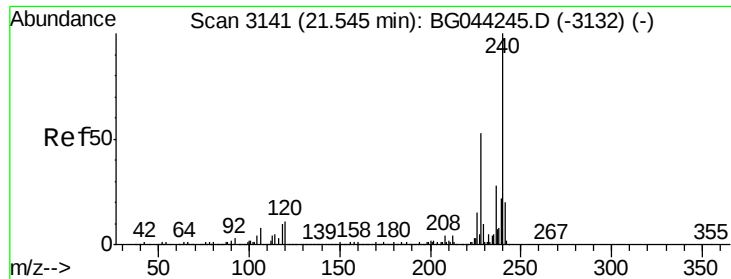


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0

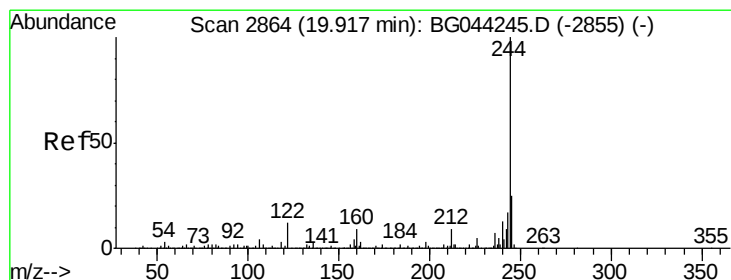
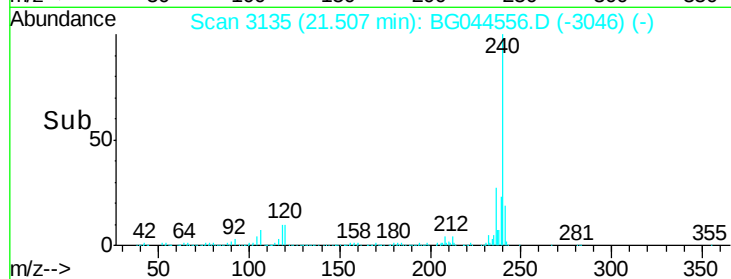
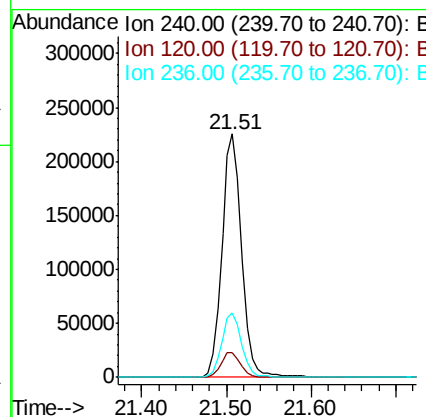
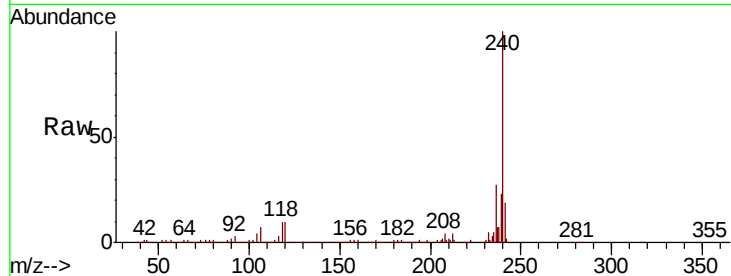




#76  
 Chrvsene-d12  
 Concen: 20.000 ng  
 RT: 21.51 min Scan# 3135  
 Delta R.T. -0.01 min  
 Lab File: BG044556.D  
 Acq: 21 Feb 2020 19:34

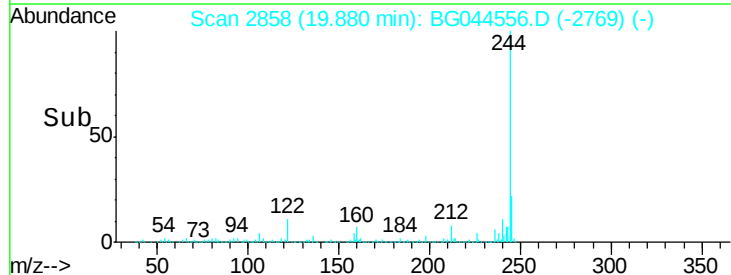
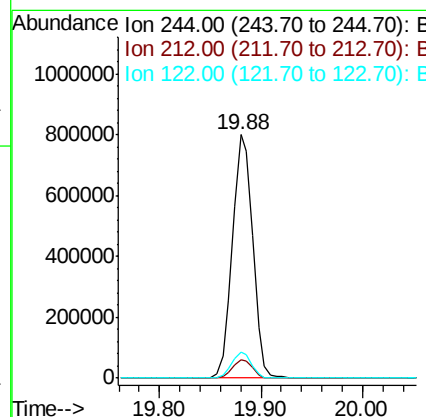
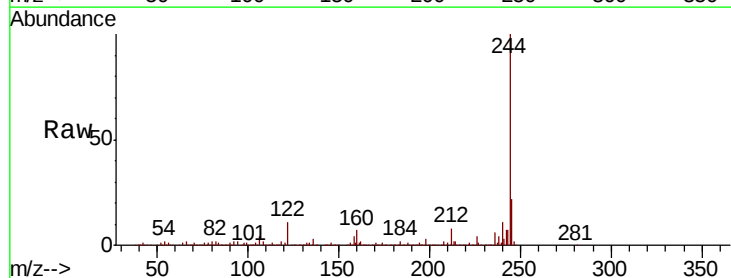
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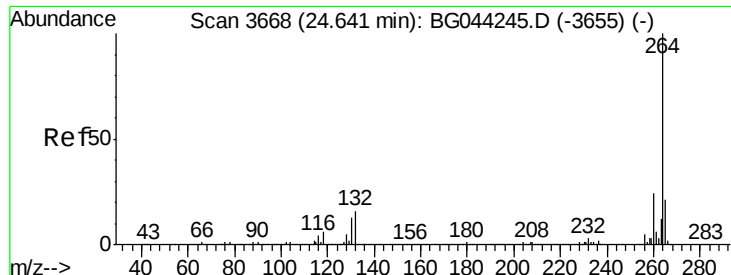
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 10.3  | 8.2   | 12.2  |
| 236     | 26.6  | 22.0  | 33.0  |



#79  
 Terphenyl-d14  
 Concen: 62.444 ng  
 RT: 19.88 min Scan# 2858  
 Delta R.T. -0.01 min  
 Lab File: BG044556.D  
 Acq: 21 Feb 2020 19:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 7.7   | 7.6   | 11.4  |
| 122     | 10.7  | 9.8   | 14.8  |





#87  
 Pervlene-d12  
 Concen: 20.000 ng  
 RT: 24.58 min Scan# 3658  
 Delta R.T. -0.00 min  
 Lab File: BG044556.D  
 Acq: 21 Feb 2020 19:34

Instrument :  
 BNA\_G  
 ClientSampleId :  
 0175-COMP-CM-A-MOD-ELUTRIAT

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 264   | Resp: | 414995 |
| Ion      | Ratio | Lower | Upper  |
| 264      | 100   |       |        |
| 260      | 23.8  | 19.8  | 29.8   |
| 265      | 21.3  | 17.6  | 26.4   |

