

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081020\  
 Data File : BG046210.D  
 Acq On : 10 Aug 2020 17:23  
 Operator : CG/JU  
 Sample : L3614-01  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 0495-MODIFIED-ELUTRIATE

Quant Time: Aug 10 18:05:32 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG073020.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jul 30 18:43:49 2020  
 Response via : Initial Calibration

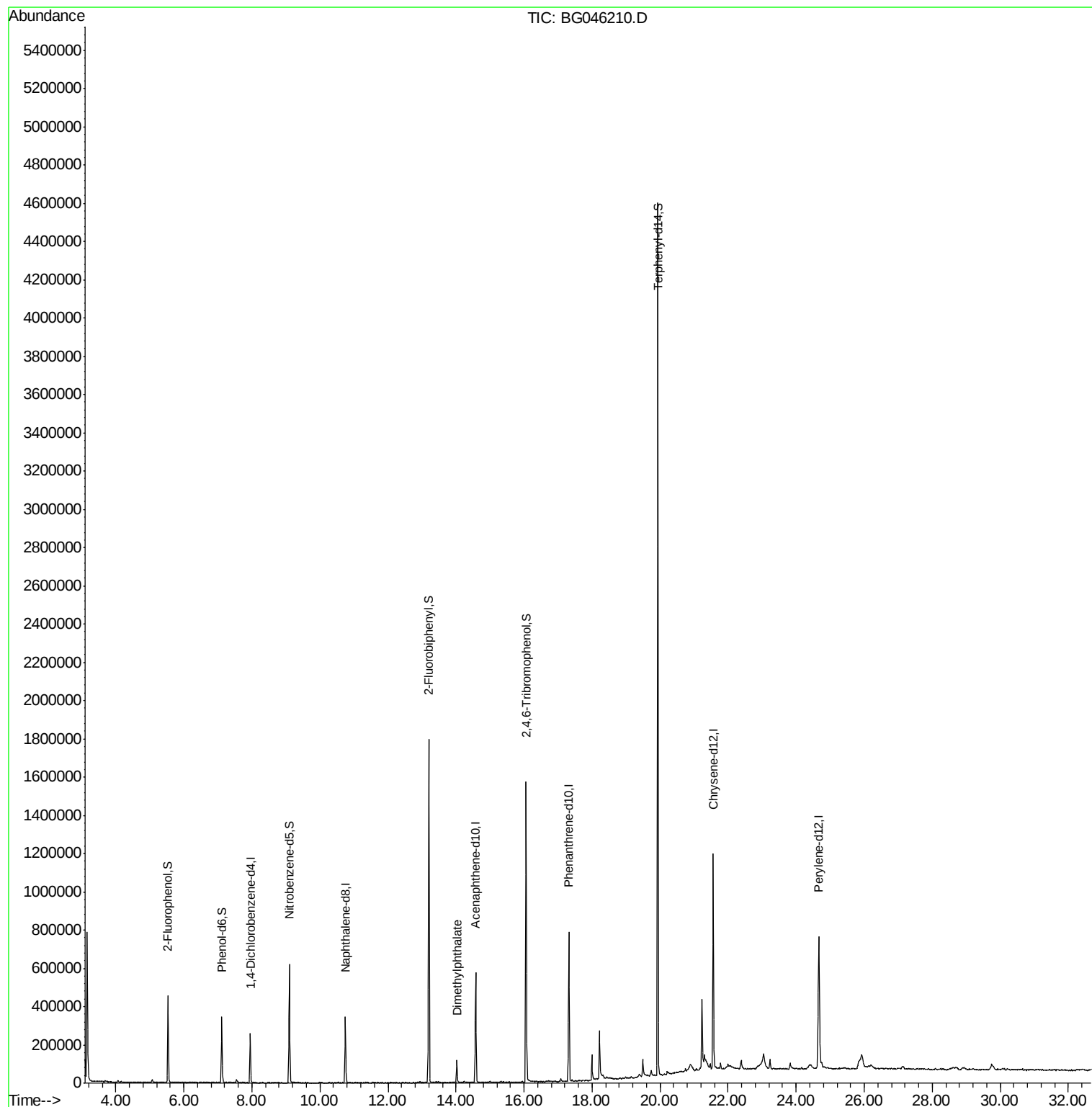
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)  |
|-----------------------------|-------|------|----------|--------|-------|-----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.95  | 152  | 79172    | 20.00  | ng    | 0.00      |
| 21) Naphthalene-d8          | 10.75 | 136  | 310161   | 20.00  | ng    | 0.00      |
| 39) Acenaphthene-d10        | 14.58 | 164  | 206217   | 20.00  | ng    | 0.00      |
| 64) Phenanthrene-d10        | 17.31 | 188  | 521639   | 20.00  | ng    | -0.01     |
| 76) Chrysene-d12            | 21.56 | 240  | 697384   | 20.00  | ng    | -0.01     |
| 86) Perylene-d12            | 24.67 | 264  | 745468   | 20.00  | ng    | 0.00      |
| System Monitoring Compounds |       |      |          |        |       |           |
| 5) 2-Fluorophenol           | 5.53  | 112  | 215550   | 47.33  | ng    | 0.00      |
| 7) Phenol-d6                | 7.11  | 99   | 218569   | 35.21  | ng    | 0.00      |
| 23) Nitrobenzene-d5         | 9.10  | 82   | 384735   | 67.16  | ng    | 0.00      |
| 42) 2,4,6-Tribromophenol    | 16.06 | 330  | 378007   | 119.34 | ng    | 0.00      |
| 45) 2-Fluorobiphenyl        | 13.20 | 172  | 1005344  | 70.82  | ng    | 0.00      |
| 79) Terphenyl-d14           | 19.94 | 244  | 2038279  | 59.53  | ng    | 0.00      |
| Target Compounds            |       |      |          |        |       |           |
| 50) Dimethylphthalate       | 14.03 | 163  | 86753    | 5.481  | ng    | Qvalue 96 |

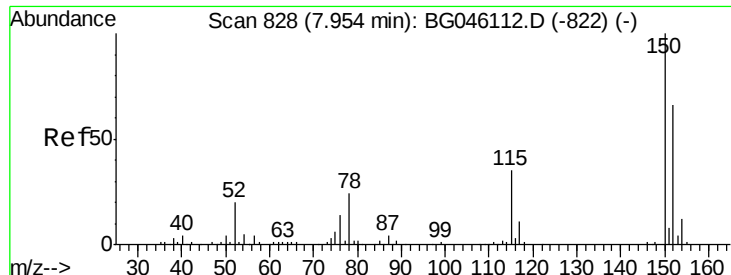
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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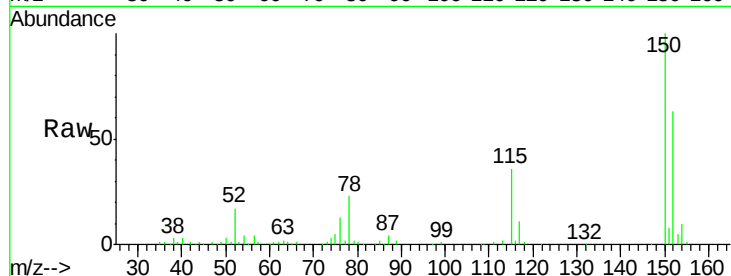


#1

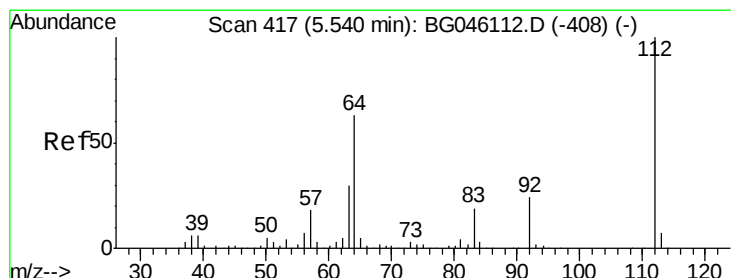
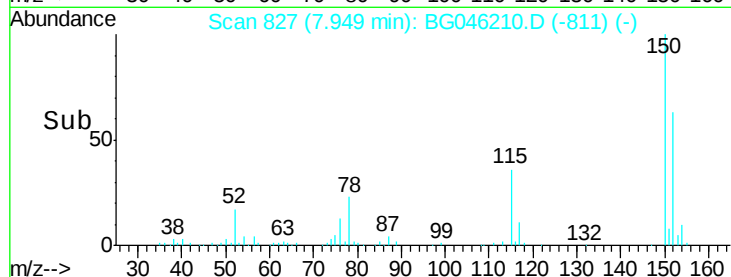
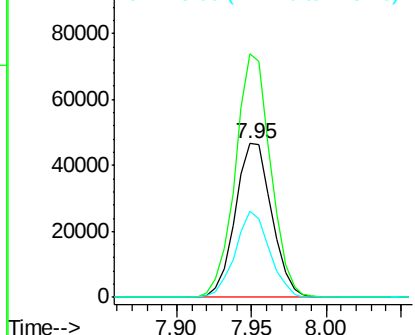
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.95 min Scan# 827  
Delta R.T. -0.01 min  
Lab File: BG046210.D  
Acq: 10 Aug 2020 17:23

Instrument :  
BNA\_G  
ClientSampleId :  
0495-MODIFIED-ELUTRIATE

Tot Ion:152 Resp: 79172  
Ion Ratio Lower Upper  
152 100  
150 158.7 122.1 183.1  
115 56.3 43.2 64.8



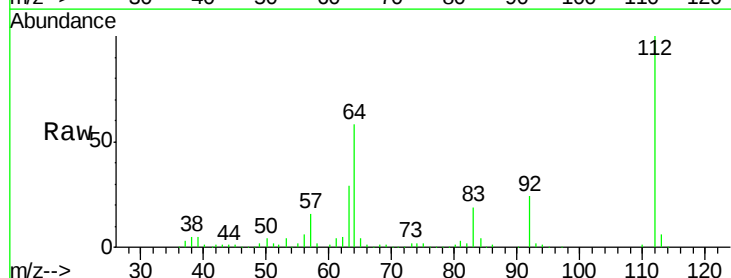
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



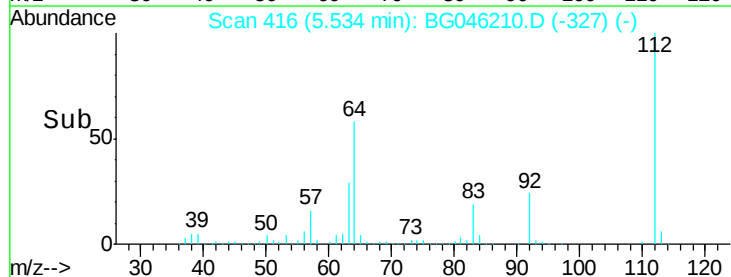
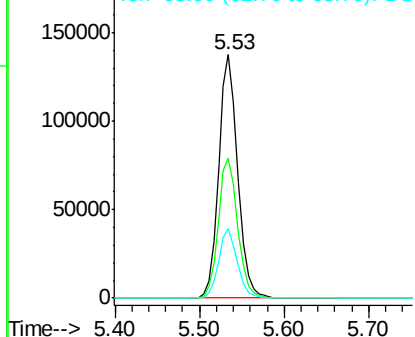
#5

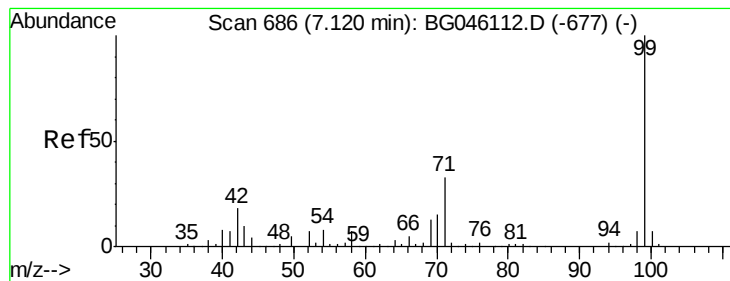
2-Fluorophenol  
Concen: 47.328 ng  
RT: 5.53 min Scan# 416  
Delta R.T. -0.01 min  
Lab File: BG046210.D  
Acq: 10 Aug 2020 17:23

Tgt Ion:112 Resp: 215550  
Ion Ratio Lower Upper  
112 100  
64 57.6 50.2 75.2  
63 28.7 24.2 36.4



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: 35.213 ng

RT: 7.11 min Scan# 685

Delta R.T. -0.01 min

Lab File: BG046210.D

Acq: 10 Aug 2020 17:23

Instrument :

BNA\_G

ClientSampleId :

0495-MODIFIED-ELUTRIATE

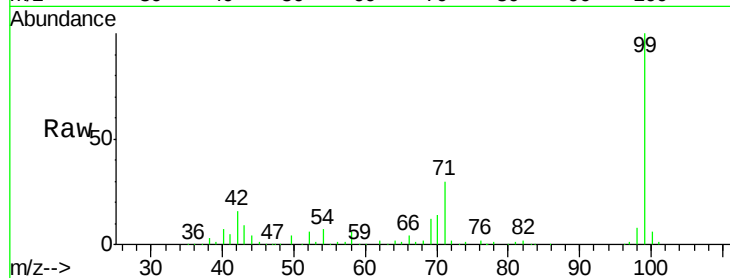
Tot Ion: 99 Resp: 218569

Ion Ratio Lower Upper

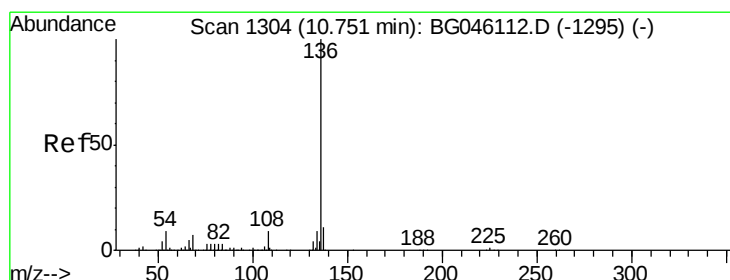
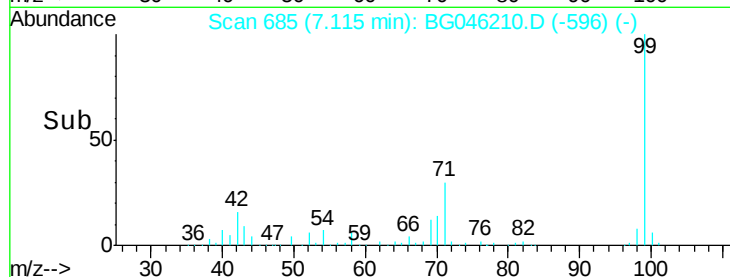
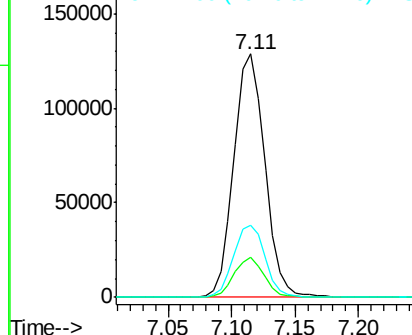
99 100

42 16.2 14.7 22.1

71 29.8 26.5 39.7



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.75 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BG046210.D

Acq: 10 Aug 2020 17:23

Tgt Ion: 136 Resp: 310161

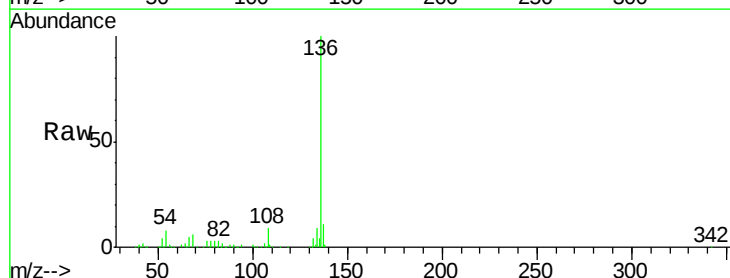
Ion Ratio Lower Upper

136 100

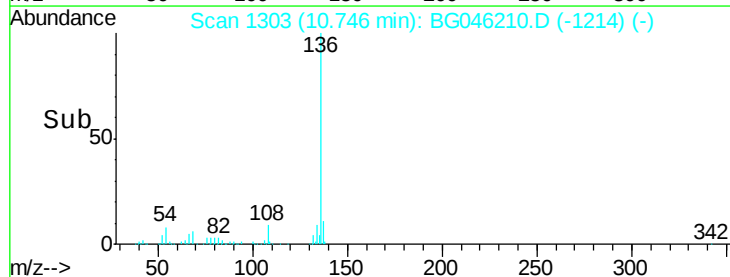
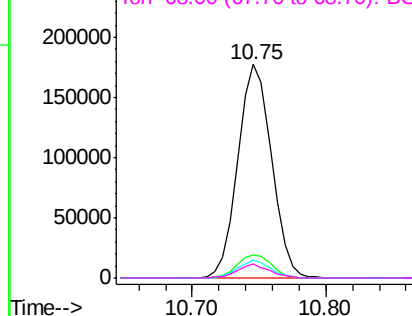
137 10.7 8.8 13.2

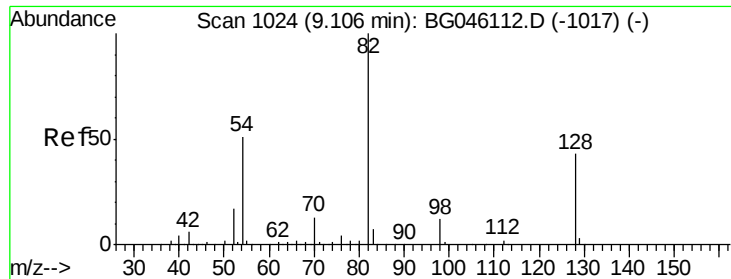
54 8.1 7.0 10.4

68 6.3 5.3 7.9



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

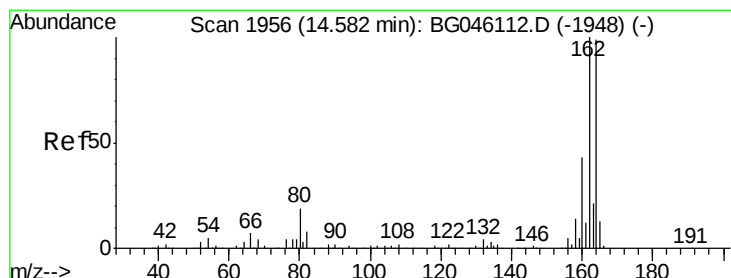
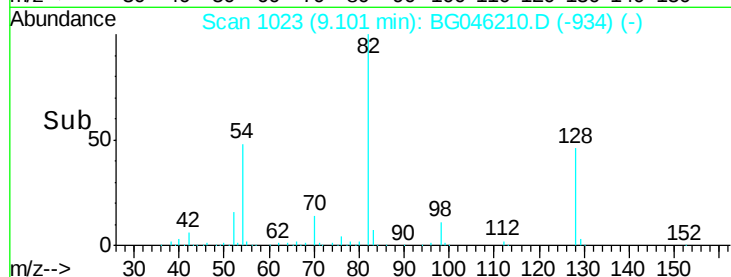
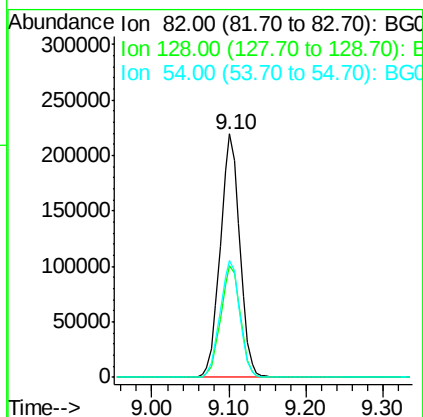
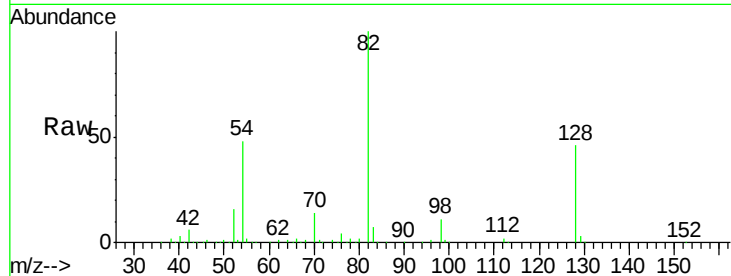




#23  
Nitrobenzene-d5  
Concen: 67.161 ng  
RT: 9.10 min Scan# 1023  
Delta R.T. -0.01 min  
Lab File: BG046210.D  
Acq: 10 Aug 2020 17:23

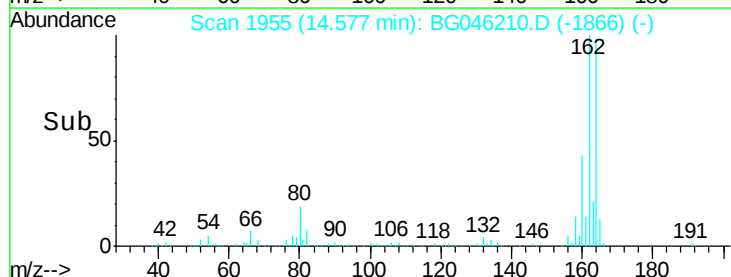
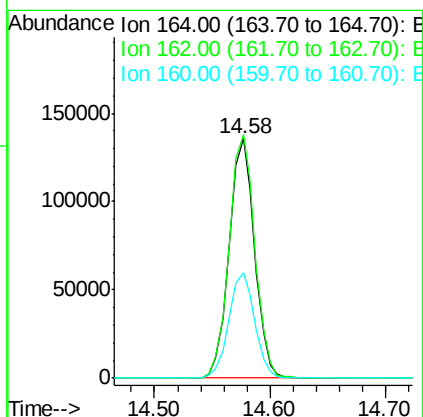
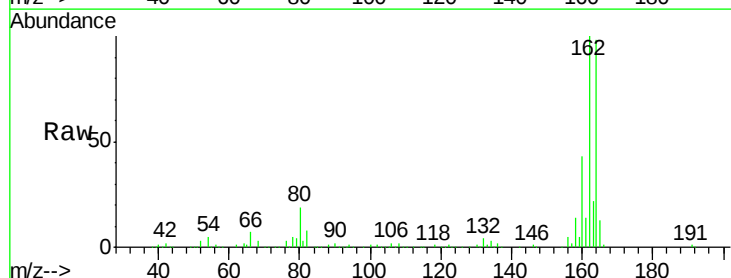
Instrument :  
BNA\_G  
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0495-MODIFIED-ELUTRIATE

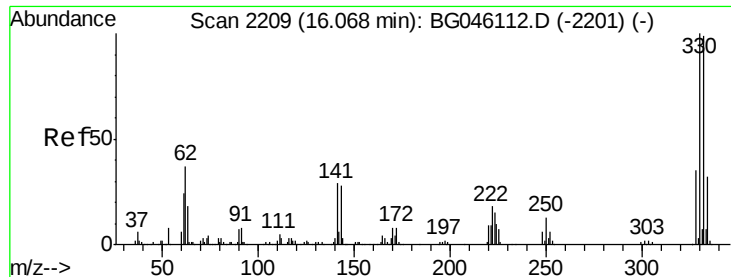
| Tot Ion   | 82   | Resp  | 384735 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 128       | 46.0 | 34.4  | 51.6   |
| 54        | 47.8 | 40.8  | 61.2   |



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.58 min Scan# 1955  
Delta R.T. -0.01 min  
Lab File: BG046210.D  
Acq: 10 Aug 2020 17:23

| Tgt Ion   | 164   | Resp  | 206217 |
|-----------|-------|-------|--------|
| Ion Ratio | 100   | Lower | Upper  |
| 162       | 101.6 | 80.6  | 121.0  |
| 160       | 44.0  | 34.9  | 52.3   |





#42

2,4,6-Tribromophenol

Concen: 119.341 ng

RT: 16.06 min Scan# 2208

Delta R.T. -0.01 min

Lab File: BG046210.D

Acq: 10 Aug 2020 17:23

Instrument :

BNA\_G

ClientSampleId :

0495-MODIFIED-ELUTRIATE

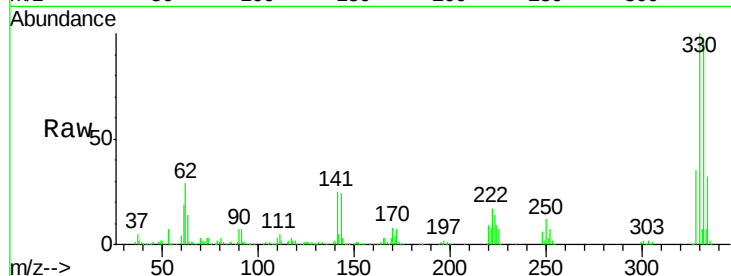
Tot Ion:330 Resp: 378007

Ion Ratio Lower Upper

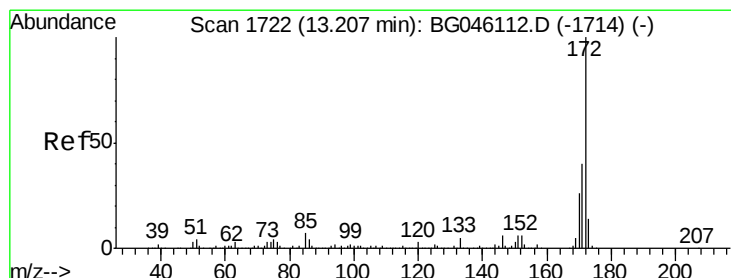
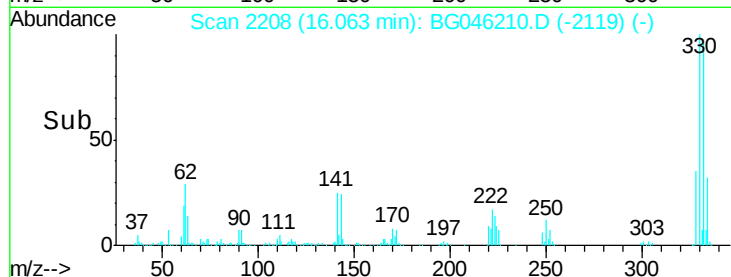
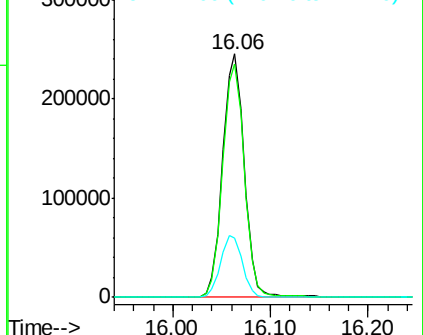
330 100

332 96.1 77.4 116.2

141 25.7 23.4 35.0



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: 70.818 ng

RT: 13.20 min Scan# 1721

Delta R.T. -0.01 min

Lab File: BG046210.D

Acq: 10 Aug 2020 17:23

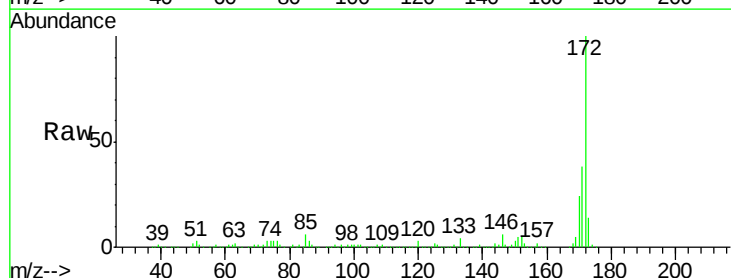
Tgt Ion:172 Resp: 1005344

Ion Ratio Lower Upper

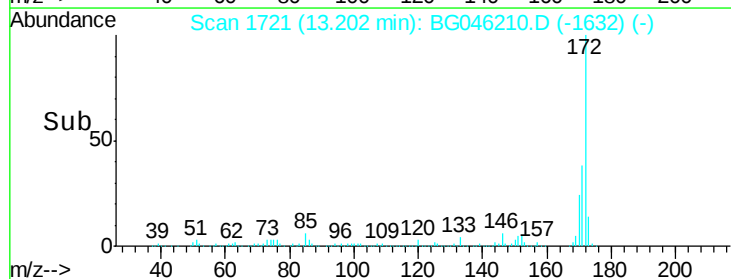
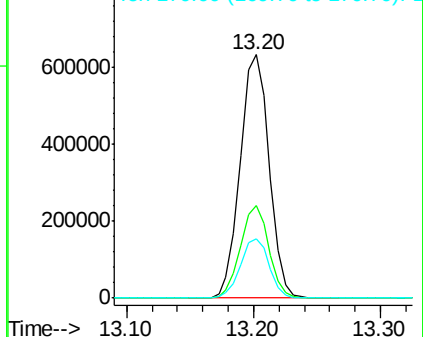
172 100

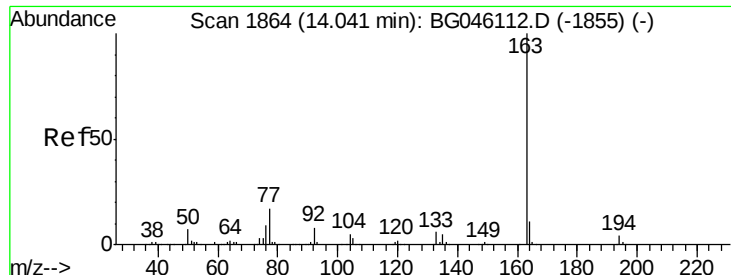
171 37.9 31.7 47.5

170 24.5 20.9 31.3



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

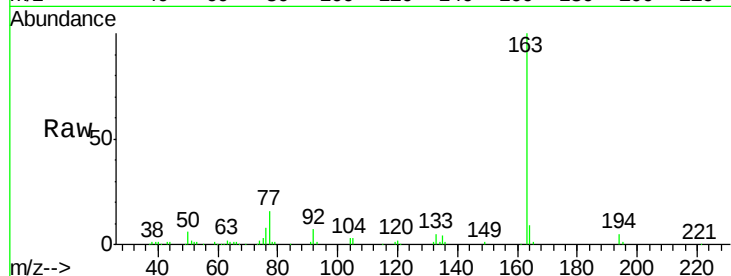




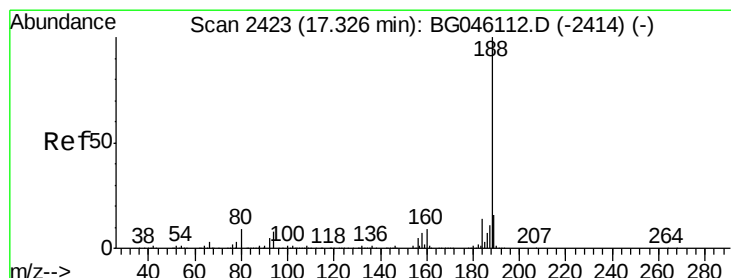
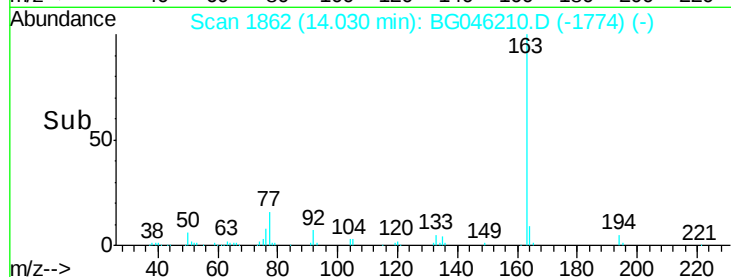
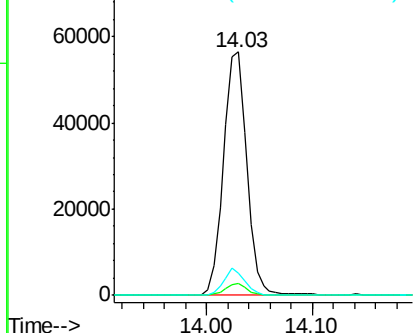
#50  
Dimethylphthalate  
Concen: 5.481 ng  
RT: 14.03 min Scan# 1862  
Delta R.T. -0.01 min  
Lab File: BG046210.D  
Acq: 10 Aug 2020 17:23

Instrument :  
BNA\_G  
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0495-MODIFIED-ELUTRIATE

Tot Ion:163 Resp: 86753  
Ion Ratio Lower Upper  
163 100  
194 4.7 3.5 5.3  
164 9.1 8.8 13.2

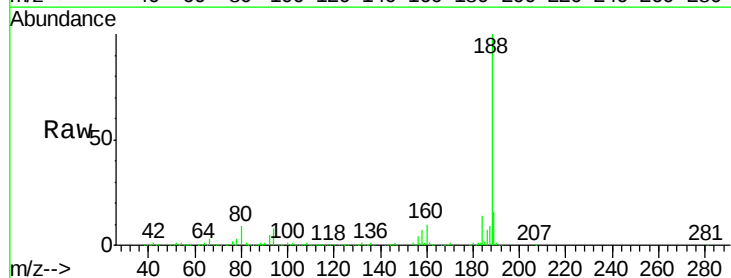


Abundance Ion 163.00 (162.70 to 163.70): E  
Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E

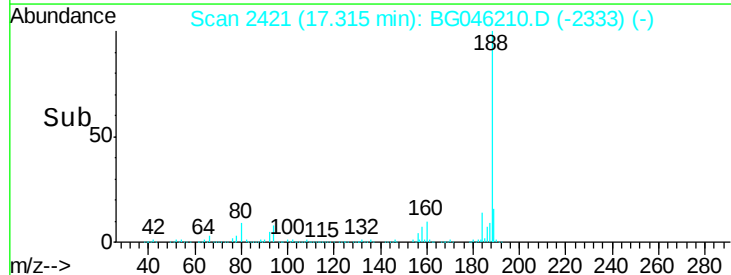
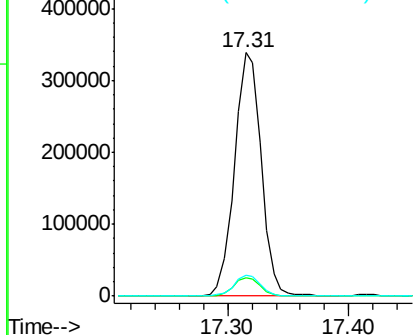


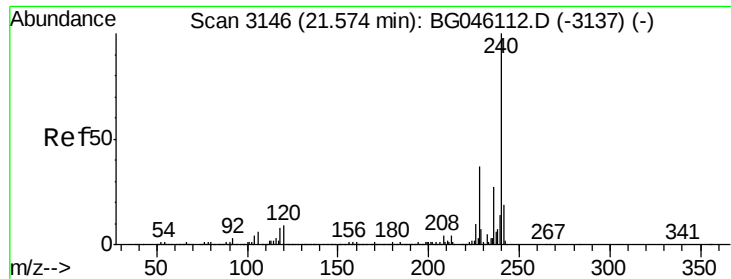
#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.31 min Scan# 2421  
Delta R.T. -0.01 min  
Lab File: BG046210.D  
Acq: 10 Aug 2020 17:23

Tgt Ion:188 Resp: 521639  
Ion Ratio Lower Upper  
188 100  
94 7.7 6.4 9.6  
80 8.8 7.4 11.0



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

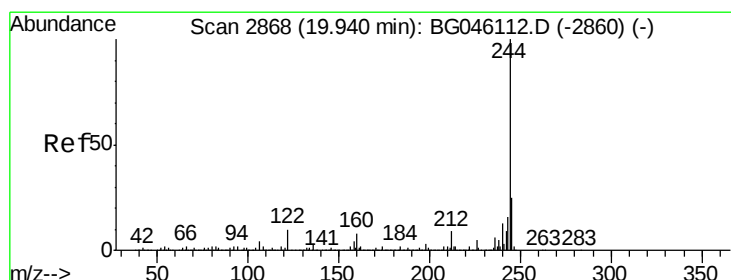
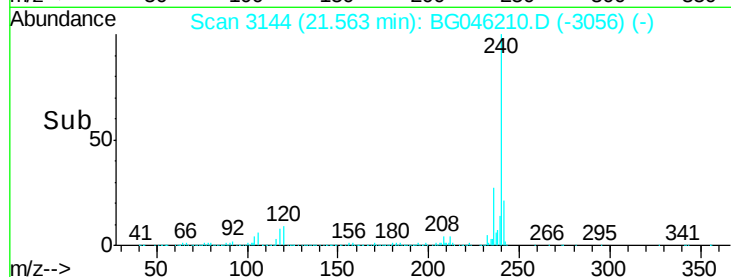
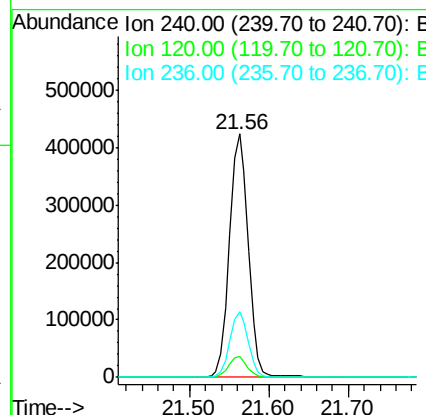
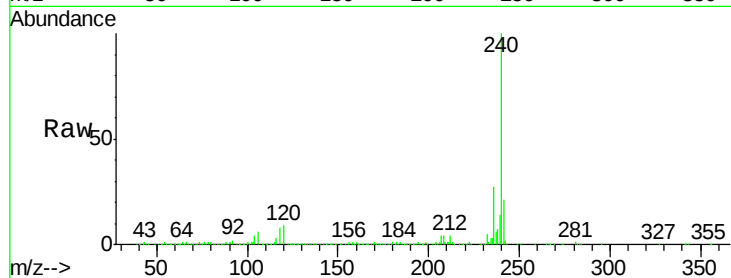




#76  
 Chrvsene-d12  
 Concen: 20.000 ng  
 RT: 21.56 min Scan# 3144  
 Delta R.T. -0.01 min  
 Lab File: BG046210.D  
 Acq: 10 Aug 2020 17:23

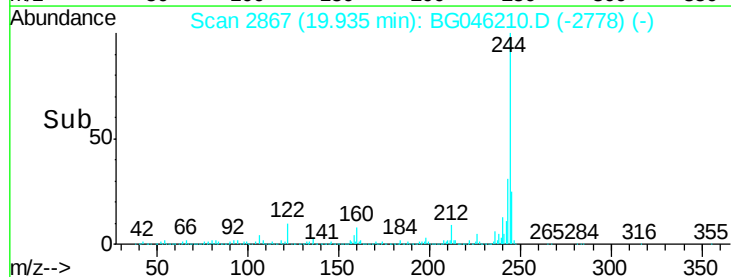
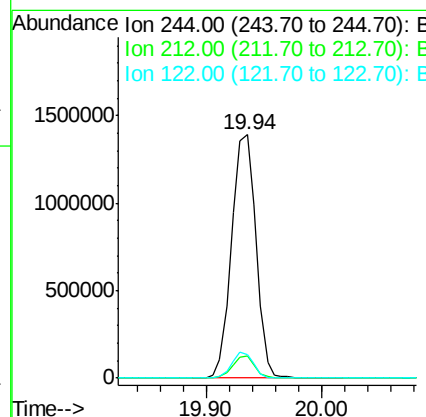
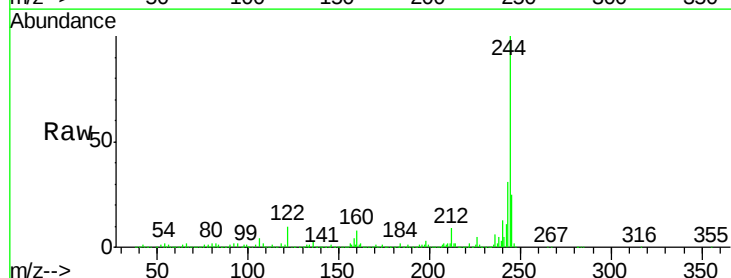
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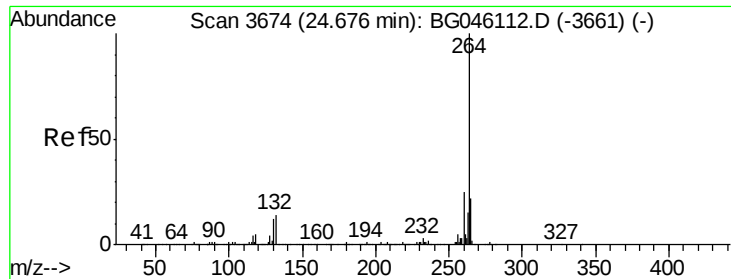
Tot Ion:240 Resp: 697384  
 Ion Ratio Lower Upper  
 240 100  
 120 8.6 7.1 10.7  
 236 27.2 21.7 32.5



#79  
 Terphenyl-d14  
 Concen: 59.526 ng  
 RT: 19.94 min Scan# 2867  
 Delta R.T. -0.00 min  
 Lab File: BG046210.D  
 Acq: 10 Aug 2020 17:23

Tgt Ion:244 Resp: 2038279  
 Ion Ratio Lower Upper  
 244 100  
 212 8.9 7.2 10.8  
 122 9.8 8.3 12.5

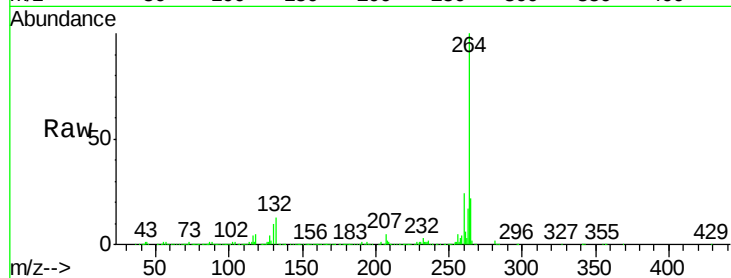




#86  
 Pervlene-d12  
 Concen: 20.000 ng  
 RT: 24.67 min Scan# 3673  
 Delta R.T. -0.01 min  
 Lab File: BG046210.D  
 Acq: 10 Aug 2020 17:23

Instrument :  
 BNA\_G  
 ClientSampleId :  
 0495-MODIFIED-ELUTRIATE

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.6  | 19.7  | 29.5  |
| 265     | 21.6  | 17.6  | 26.4  |



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

