

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031820\  
 Data File : BG044874.D  
 Acq On : 18 Mar 2020 21:49  
 Operator : CG/JU  
 Sample : L1948-09  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 OILY-STONES

Quant Time: Mar 19 06:48:12 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Mar 16 17:37:15 2020  
 Response via : Initial Calibration

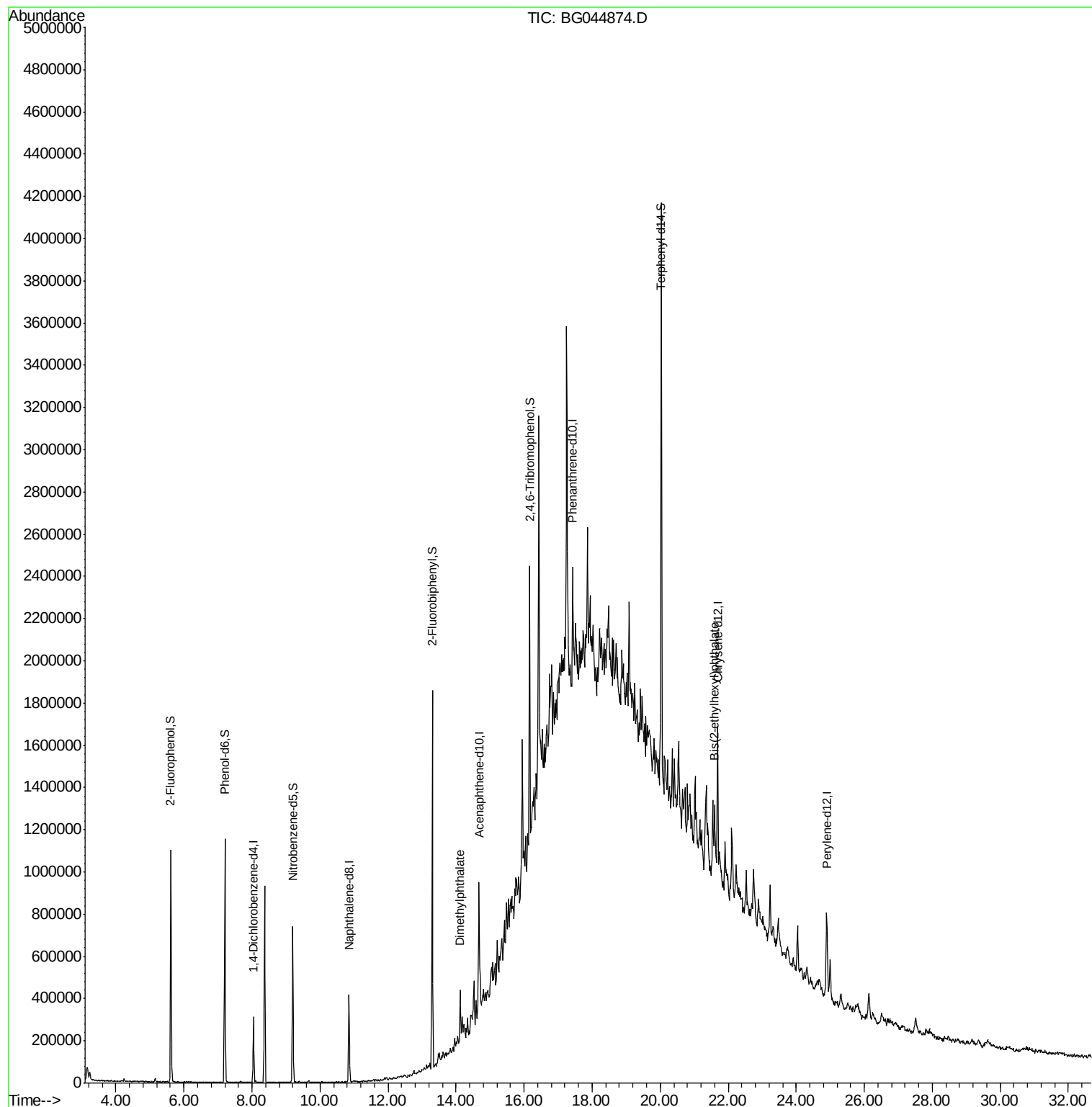
| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4      | 8.05  | 152  | 90898    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8             | 10.85 | 136  | 347321   | 20.00 | ng    | -0.01    |
| 39) Acenaphthene-d10           | 14.67 | 164  | 193117   | 20.00 | ng    | -0.01    |
| 64) Phenanthrene-d10           | 17.42 | 188  | 368157   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12               | 21.69 | 240  | 384358   | 20.00 | ng    | -0.01    |
| 87) Perylene-d12               | 24.90 | 264  | 432656   | 20.00 | ng    | -0.01    |
| System Monitoring Compounds    |       |      |          |       |       |          |
| 5) 2-Fluorophenol              | 5.62  | 112  | 500453   | 85.71 | ng    | 0.00     |
| 7) Phenol-d6                   | 7.20  | 99   | 699441   | 82.44 | ng    | 0.00     |
| 23) Nitrobenzene-d5            | 9.20  | 82   | 472924   | 59.75 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol       | 16.16 | 330  | 223878   | 88.54 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl           | 13.30 | 172  | 954296   | 70.76 | ng    | 0.00     |
| 79) Terphenyl-d14              | 20.03 | 244  | 1245075  | 60.59 | ng    | 0.00     |
| Target Compounds               |       |      |          |       |       |          |
| 50) Dimethylphthalate          | 14.12 | 163  | 121261   | 7.884 | ng    | 96       |
| 84) Bis(2-ethylhexyl)phthalate | 21.60 | 149  | 106207   | 6.134 | ng    | 97       |

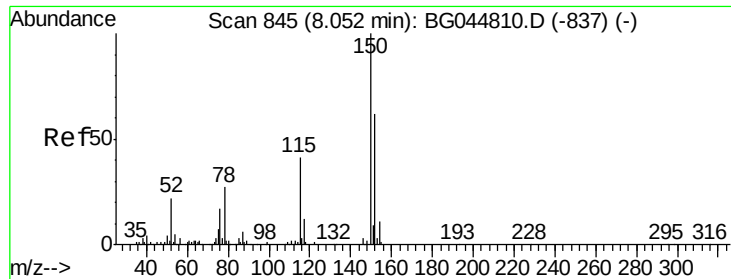
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Mar 16 17:37:15 2020  
Response via : Initial Calibration



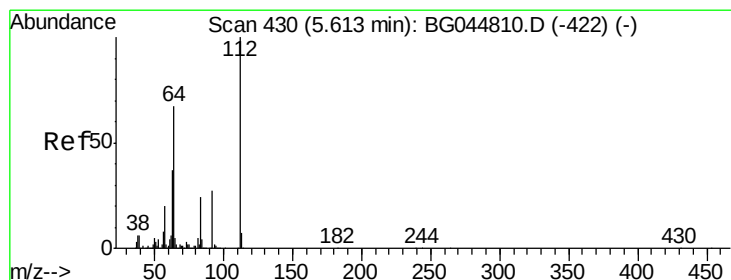
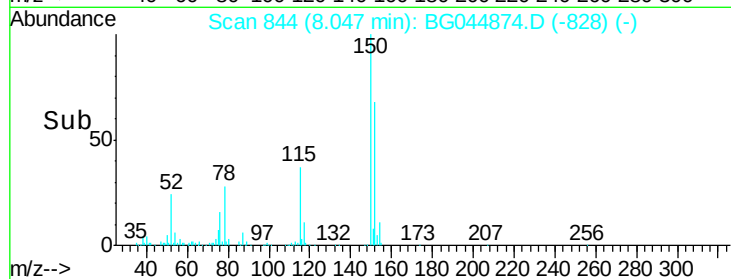
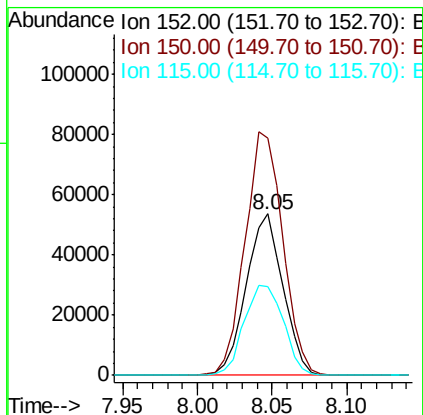
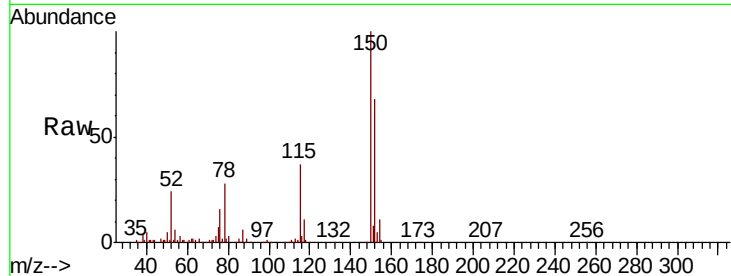


#1

1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.05 min Scan# 844  
Delta R.T. -0.00 min  
Lab File: BG044874.D  
Acq: 18 Mar 2020 21:49

Instrument :  
BNA\_G  
ClientSampleId :  
OILY-STONES

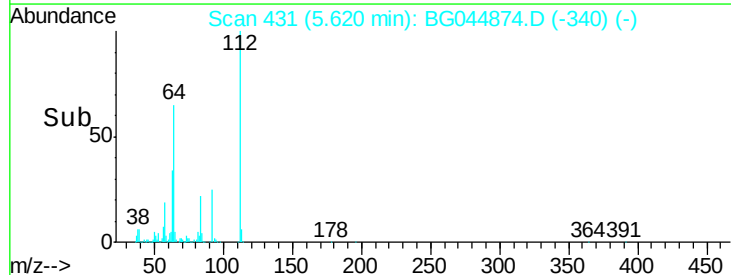
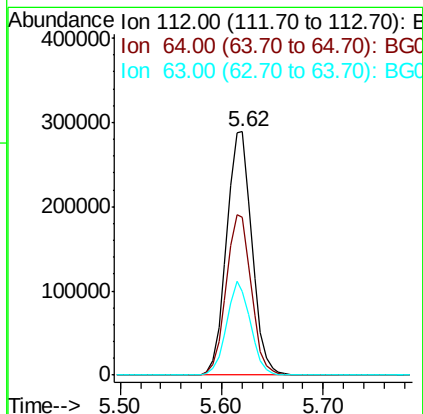
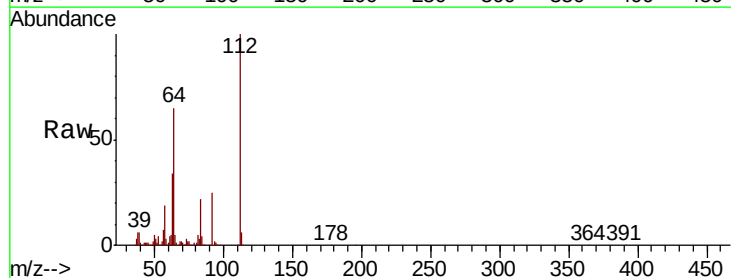
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 147.1 | 128.8 | 193.2 |
| 115     | 55.1  | 52.6  | 79.0  |

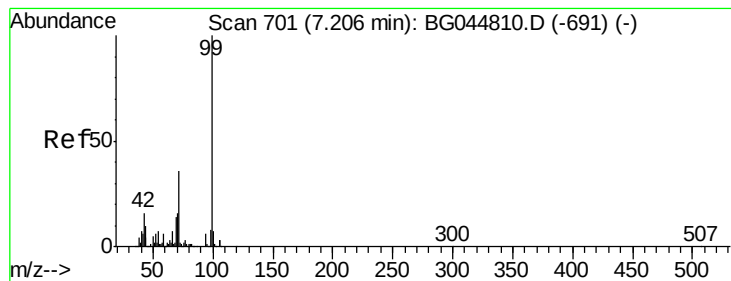


#5

2-Fluorophenol  
Concen: 85.706 ng  
RT: 5.62 min Scan# 431  
Delta R.T. 0.01 min  
Lab File: BG044874.D  
Acq: 18 Mar 2020 21:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 65.0  | 53.4  | 80.2  |
| 63      | 34.4  | 29.4  | 44.2  |





#7

Phenol-d6

Concen: 82.443 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG044874.D

Acq: 18 Mar 2020 21:49

Instrument :

BNA\_G

ClientSampleId :

OILY-STONES

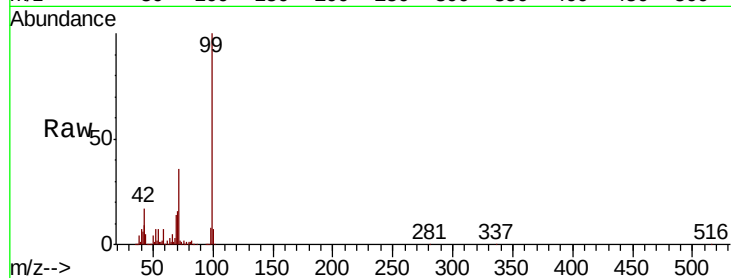
Tot Ion: 99 Resp: 699441

Ion Ratio Lower Upper

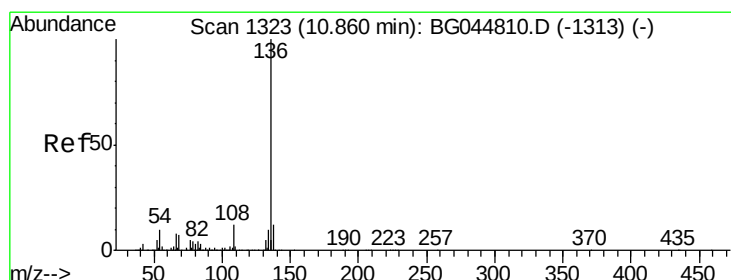
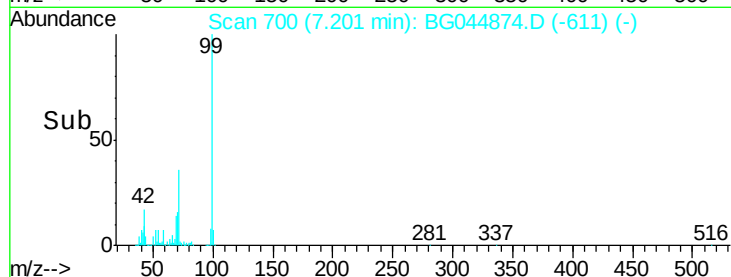
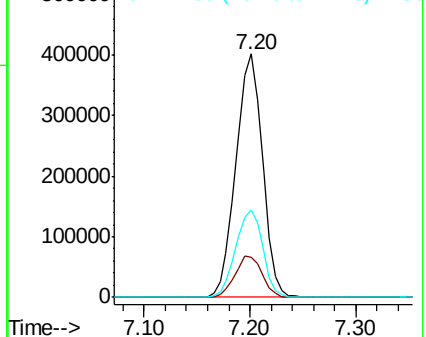
99 100

42 16.6 12.6 19.0

71 35.8 29.0 43.4



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: 10.85 min Scan# 1321

Delta R.T. -0.01 min

Lab File: BG044874.D

Acq: 18 Mar 2020 21:49

Tgt Ion: 136 Resp: 347321

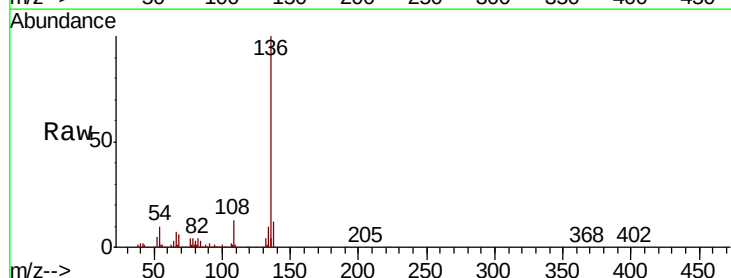
Ion Ratio Lower Upper

136 100

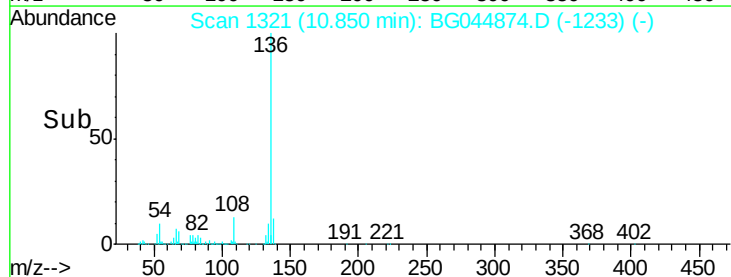
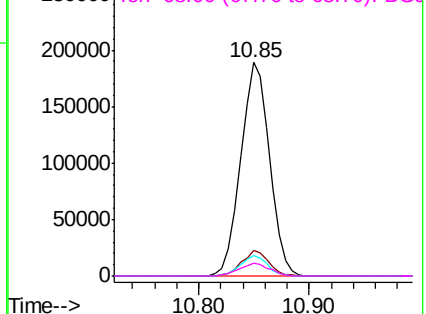
137 11.7 9.8 14.6

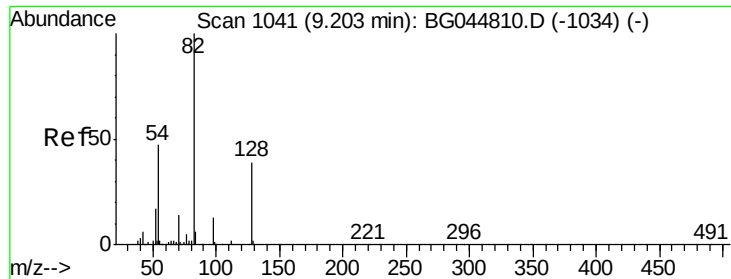
54 9.6 7.9 11.9

68 6.2 5.4 8.0



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

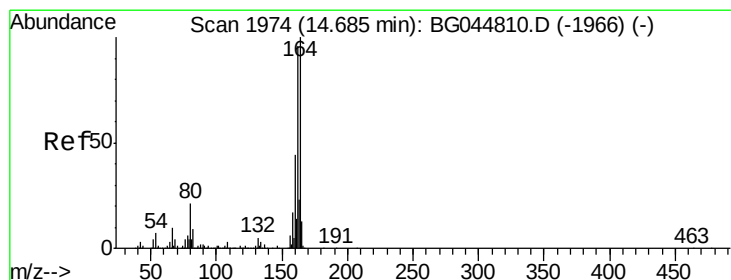
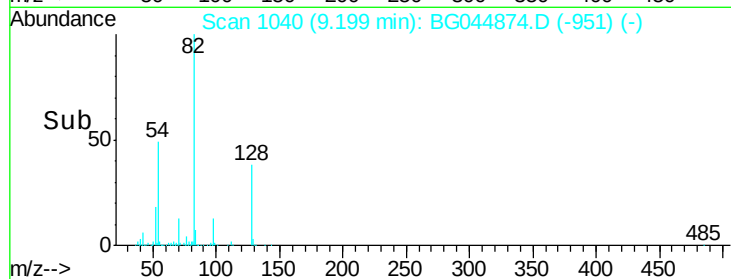
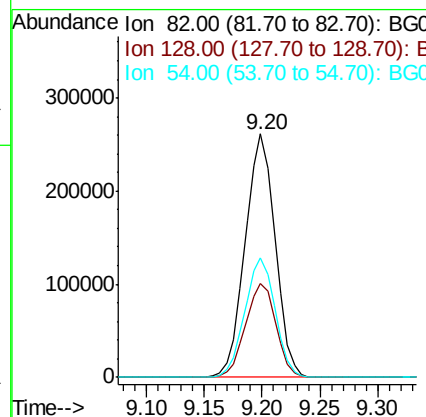
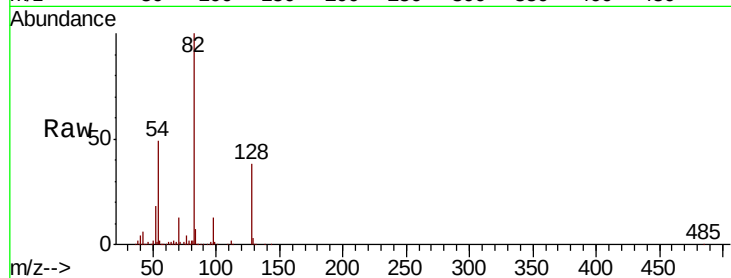




#23  
Nitrobenzene-d5  
Concen: 59.750 ng  
RT: 9.20 min Scan# 1040  
Delta R.T. -0.00 min  
Lab File: BG044874.D  
Acq: 18 Mar 2020 21:49

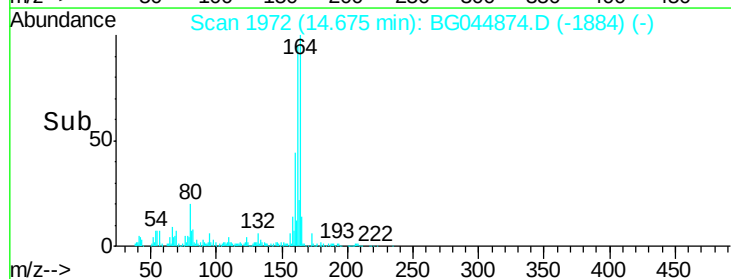
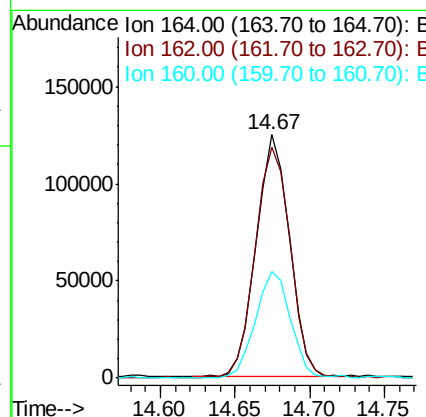
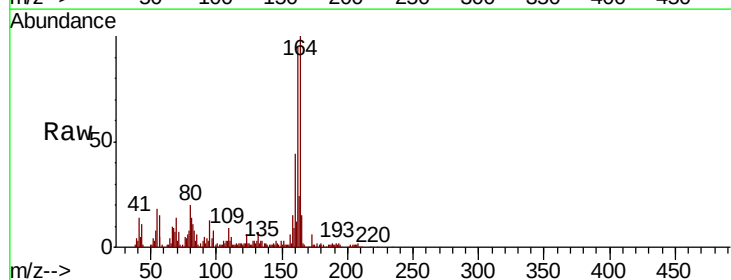
Instrument :  
BNA\_G  
ClientSampleId :  
OILY-STONES

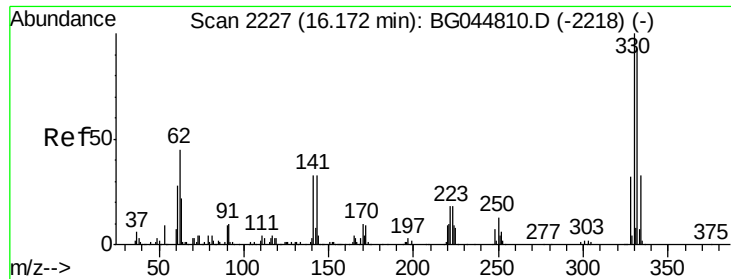
| Tot Ion   | 82    | Resp  | 472924 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 128       | 38.5  | 30.6  | 46.0   |
| 54        | 49.0  | 37.1  | 55.7   |



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.67 min Scan# 1972  
Delta R.T. -0.01 min  
Lab File: BG044874.D  
Acq: 18 Mar 2020 21:49

| Tgt Ion   | 164   | Resp  | 193117 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 164       | 100   |       |        |
| 162       | 94.6  | 76.7  | 115.1  |
| 160       | 43.9  | 35.0  | 52.4   |

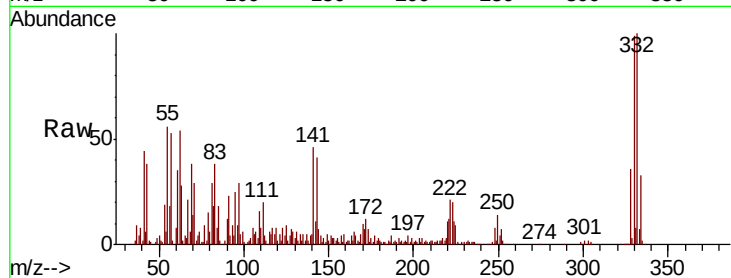




#42  
 2,4,6-Tribromophenol  
 Concen: 88.539 ng  
 RT: 16.16 min Scan# 2225  
 Delta R.T. -0.01 min  
 Lab File: BG044874.D  
 Acq: 18 Mar 2020 21:49

Instrument :  
 BNA\_G  
 ClientSampleId :  
 OILY-STONES

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 99.4  | 77.8  | 116.6 |
| 141     | 38.4  | 29.5  | 44.3  |

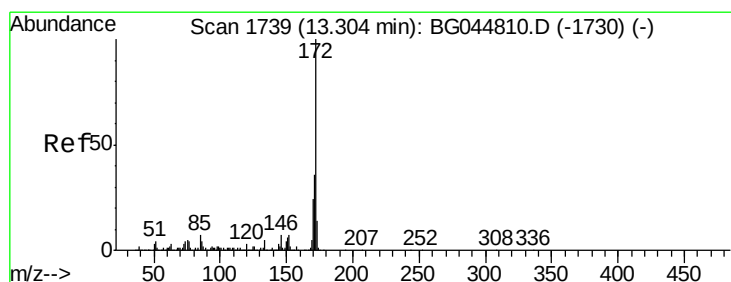
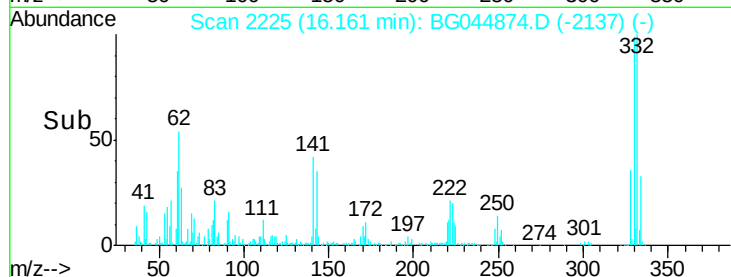
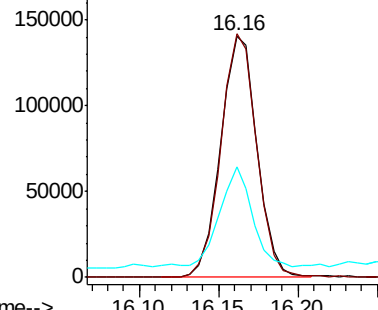


Abundance

Ion 329.80 (329.50 to 330.50): E

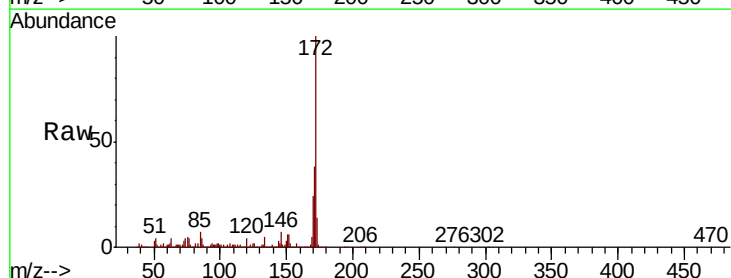
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45  
 2-Fluorobiphenyl  
 Concen: 70.765 ng  
 RT: 13.30 min Scan# 1738  
 Delta R.T. -0.00 min  
 Lab File: BG044874.D  
 Acq: 18 Mar 2020 21:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 37.9  | 28.7  | 43.1  |
| 170     | 24.2  | 19.0  | 28.6  |

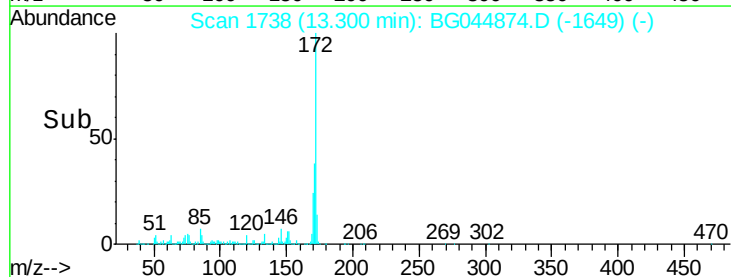
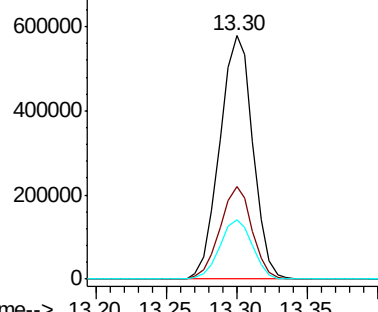


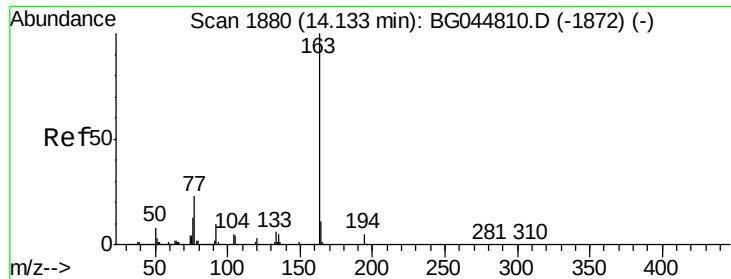
Abundance

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

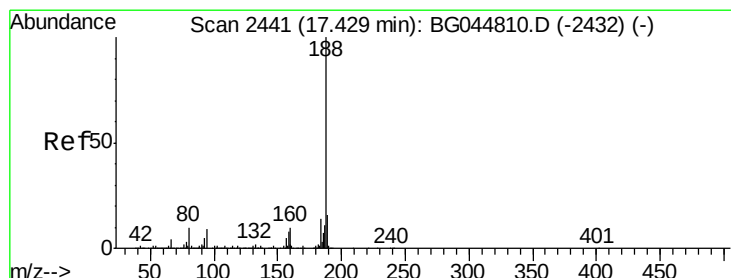
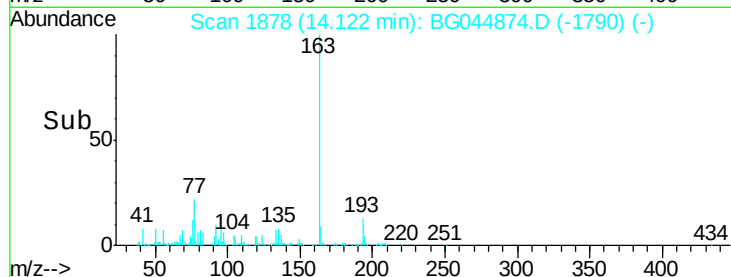
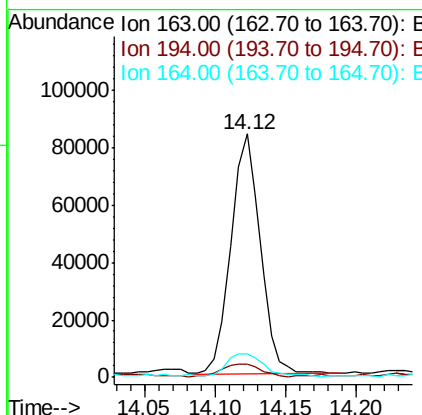
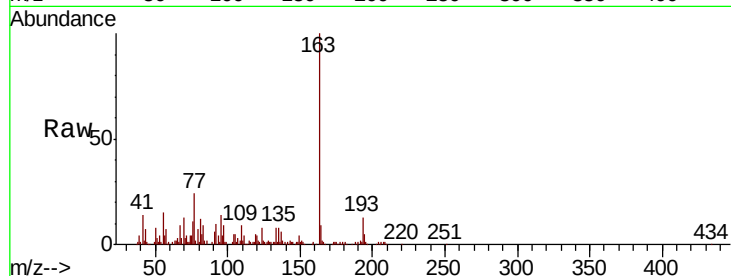




#50  
Dimethylphthalate  
Concen: 7.884 ng  
RT: 14.12 min Scan# 1878  
Delta R.T. -0.01 min  
Lab File: BG044874.D  
Acq: 18 Mar 2020 21:49

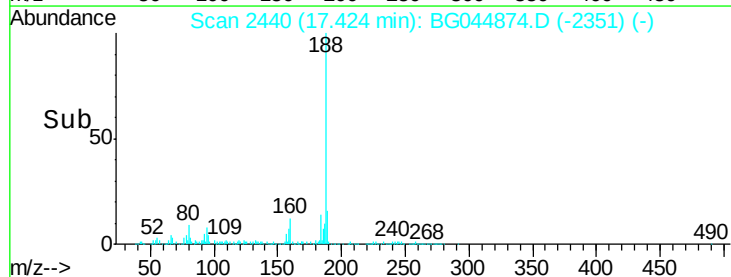
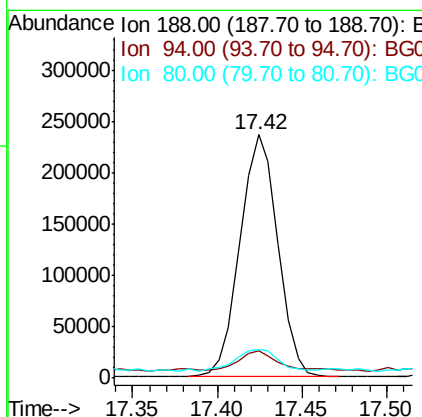
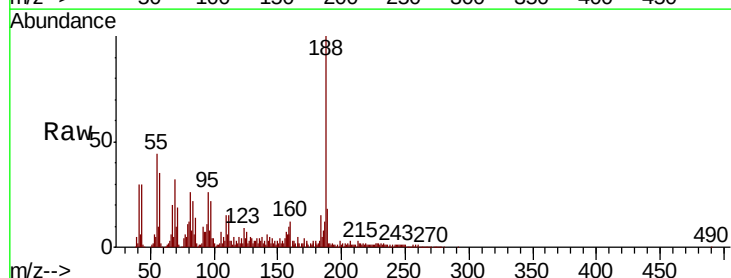
Instrument :  
BNA\_G  
ClientSampled :  
OILY-STONES

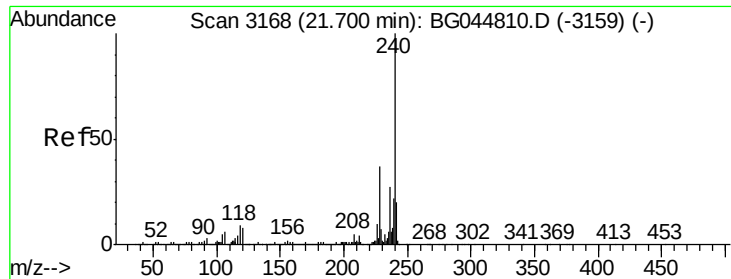
Tot Ion:163 Resp: 121261  
Ion Ratio Lower Upper  
163 100  
194 5.2 3.7 5.5  
164 9.4 9.1 13.7



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.42 min Scan# 2440  
Delta R.T. -0.00 min  
Lab File: BG044874.D  
Acq: 18 Mar 2020 21:49

Tgt Ion:188 Resp: 368157  
Ion Ratio Lower Upper  
188 100  
94 11.2 7.3 10.9#  
80 11.5 8.0 12.0

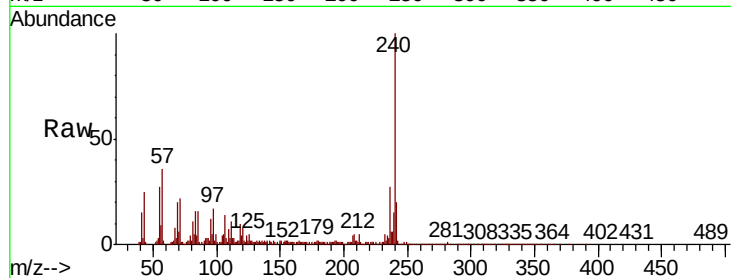




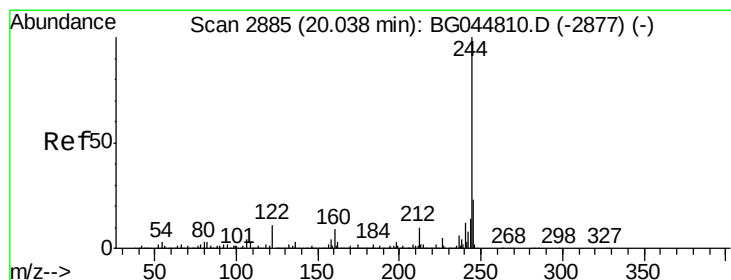
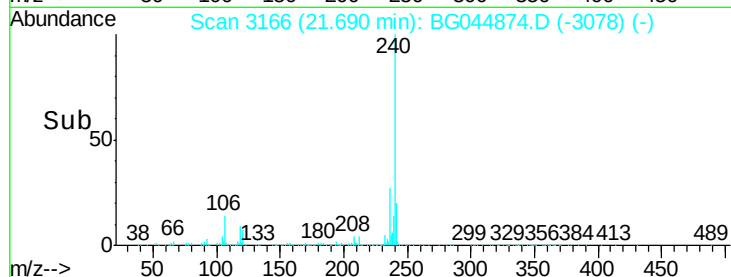
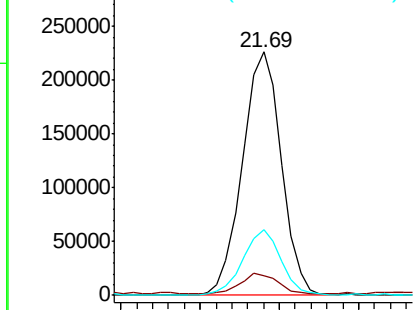
#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.69 min Scan# 3166  
Delta R.T. -0.01 min  
Lab File: BG044874.D  
Acq: 18 Mar 2020 21:49

Instrument :  
BNA\_G  
ClientSampleId :  
OILY-STONES

Tot Ion:240 Resp: 384358  
Ion Ratio Lower Upper  
240 100  
120 8.1 6.7 10.1  
236 27.1 21.5 32.3

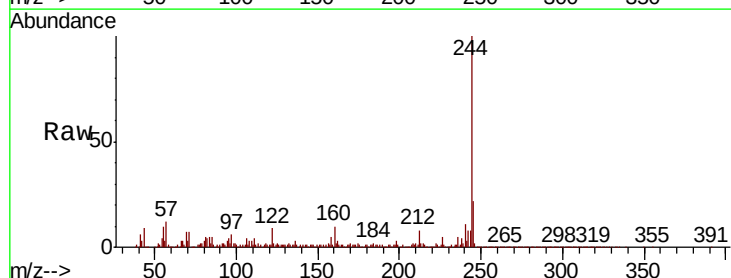


Abundance Ion 240.00 (239.70 to 240.70): E  
Ion 120.00 (119.70 to 120.70): E  
Ion 236.00 (235.70 to 236.70): E

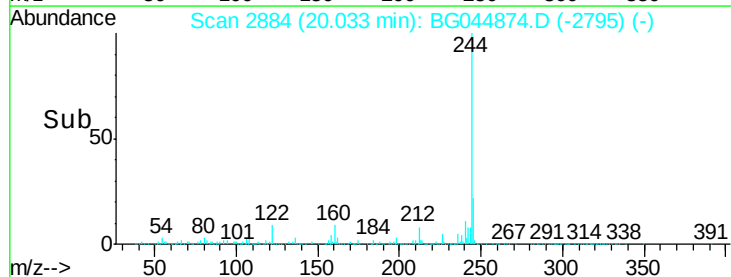
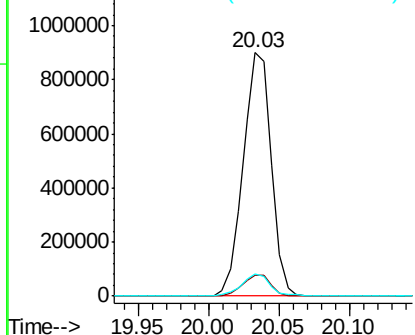


#79  
Terphenyl-d14  
Concen: 60.594 ng  
RT: 20.03 min Scan# 2884  
Delta R.T. -0.00 min  
Lab File: BG044874.D  
Acq: 18 Mar 2020 21:49

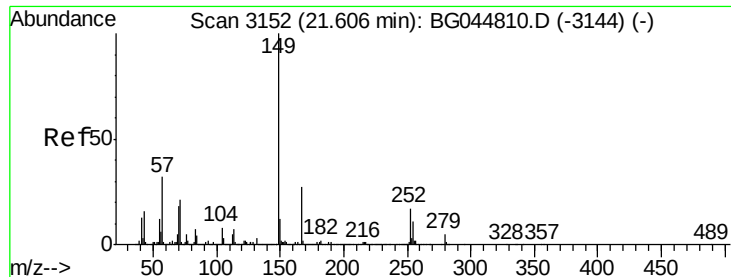
Tgt Ion:244 Resp: 1245075  
Ion Ratio Lower Upper  
244 100  
212 8.4 7.7 11.5  
122 8.9 8.6 12.8



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







#84

Bis(2-ethylhexyl)phthalate

Concen: 6.134 ng

RT: 21.60 min Scan# 3150

Delta R.T. -0.01 min

Lab File: BG044874.D

Acq: 18 Mar 2020 21:49

Instrument :

BNA\_G

ClientSampleId :

OILY-STONES

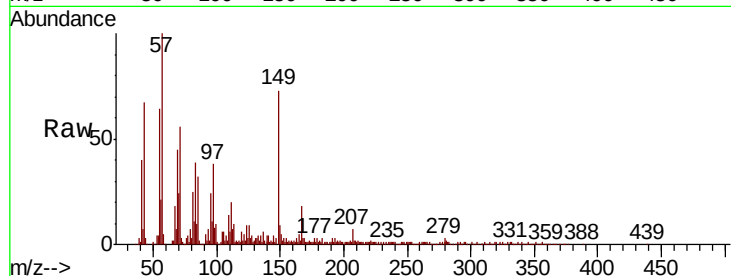
Tot Ion:149 Resp: 106207

Ion Ratio Lower Upper

149 100

167 25.1 21.8 32.6

279 4.7 3.8 5.6



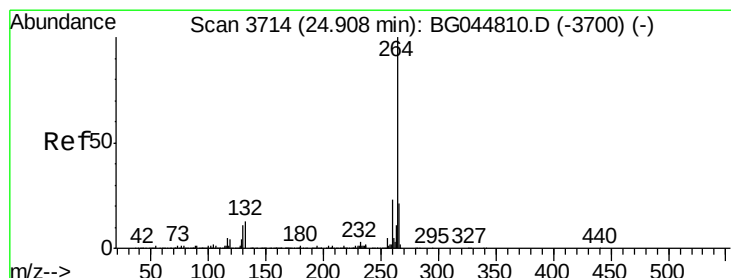
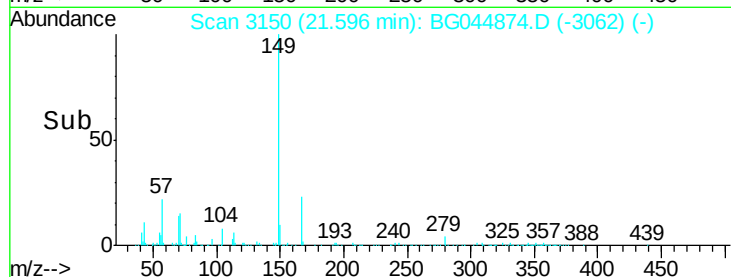
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

21.60

Time-->



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.90 min Scan# 3712

Delta R.T. -0.01 min

Lab File: BG044874.D

Acq: 18 Mar 2020 21:49

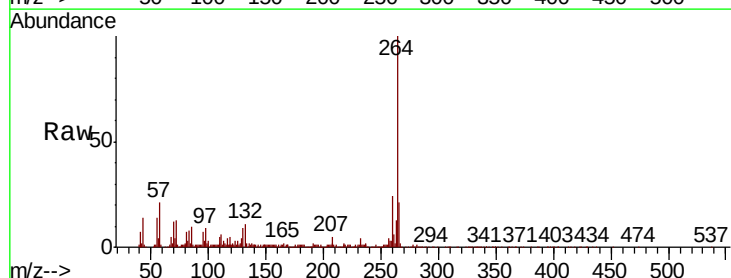
Tgt Ion:264 Resp: 432656

Ion Ratio Lower Upper

264 100

260 23.6 18.1 27.1

265 21.3 17.1 25.7



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

24.90

Time-->

