

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012720\  
 Data File : BM024630.D  
 Acq On : 27 Jan 2020 16:28  
 Operator : CG/JU  
 Sample : L1255-03  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 20200073-SITE-WATER

Quant Time: Jan 28 05:35:42 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM012320.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jan 23 14:57:07 2020  
 Response via : Initial Calibration

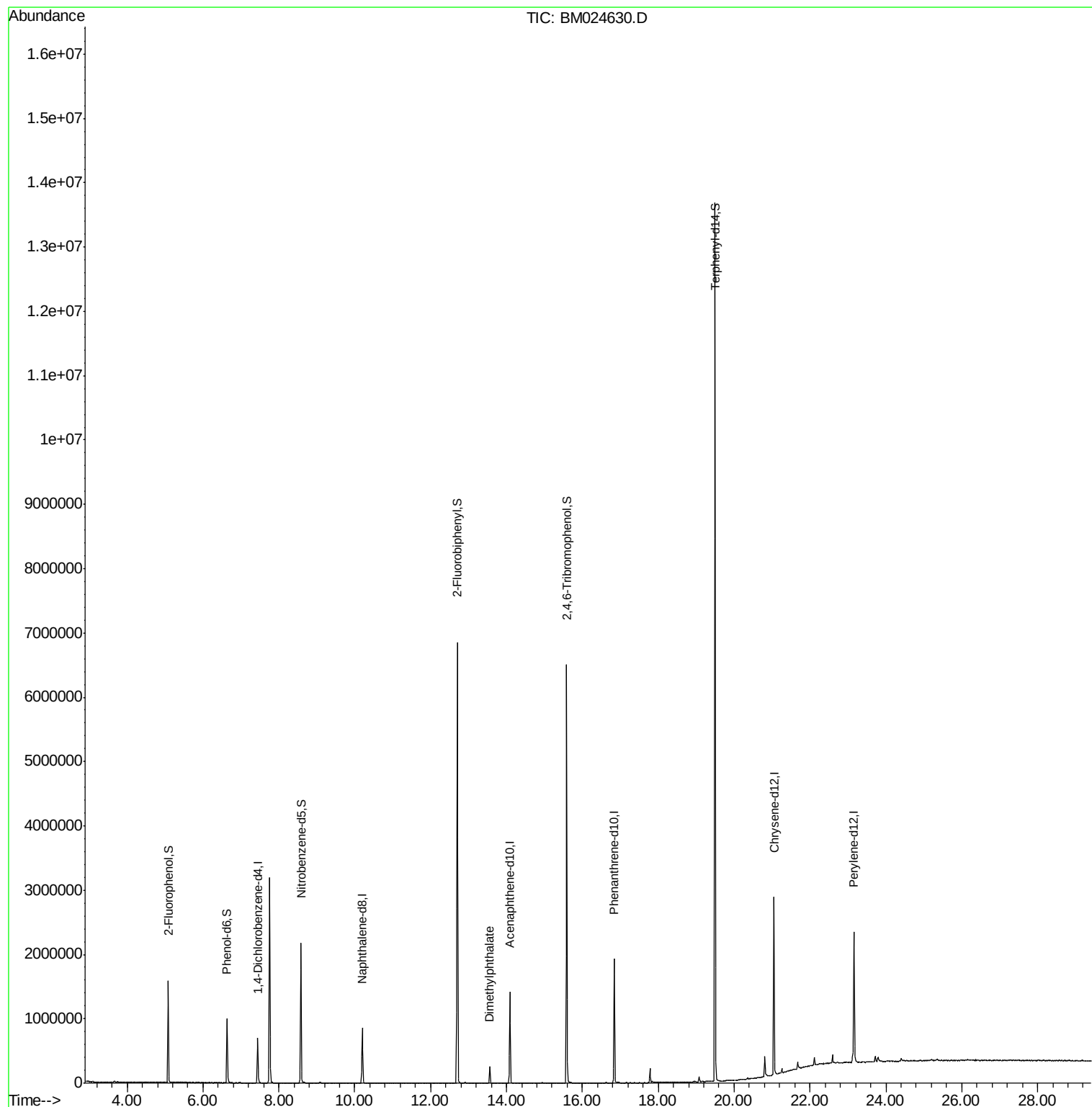
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)  |
|-----------------------------|-------|------|----------|--------|-------|-----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.44  | 152  | 187386   | 20.00  | ng    | 0.00      |
| 21) Naphthalene-d8          | 10.20 | 136  | 687860   | 20.00  | ng    | 0.00      |
| 39) Acenaphthene-d10        | 14.09 | 164  | 499999   | 20.00  | ng    | 0.00      |
| 64) Phenanthrene-d10        | 16.84 | 188  | 1184681  | 20.00  | ng    | 0.00      |
| 76) Chrysene-d12            | 21.05 | 240  | 1287135  | 20.00  | ng    | 0.00      |
| 87) Perylene-d12            | 23.16 | 264  | 1462521  | 20.00  | ng    | 0.00      |
| System Monitoring Compounds |       |      |          |        |       |           |
| 5) 2-Fluorophenol           | 5.08  | 112  | 627826   | 63.72  | ng    | 0.00      |
| 7) Phenol-d6                | 6.63  | 99   | 519545   | 38.28  | ng    | -0.01     |
| 23) Nitrobenzene-d5         | 8.58  | 82   | 1214030  | 86.56  | ng    | 0.00      |
| 42) 2,4,6-Tribromophenol    | 15.59 | 330  | 1296648  | 159.43 | ng    | 0.00      |
| 45) 2-Fluorobiphenyl        | 12.70 | 172  | 3599124  | 97.86  | ng    | 0.00      |
| 79) Terphenyl-d14           | 19.50 | 244  | 7042196  | 102.14 | ng    | 0.00      |
| Target Compounds            |       |      |          |        |       |           |
| 50) Dimethylphthalate       | 13.56 | 163  | 174121   | 4.307  | ng    | Qvalue 99 |

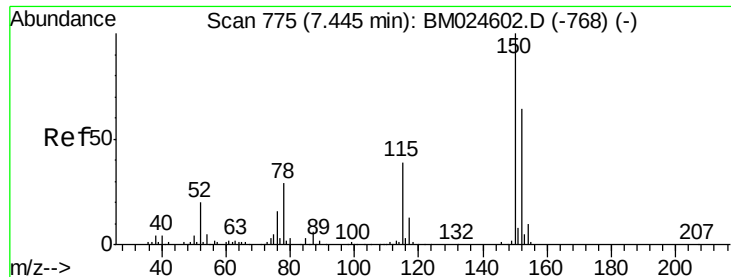
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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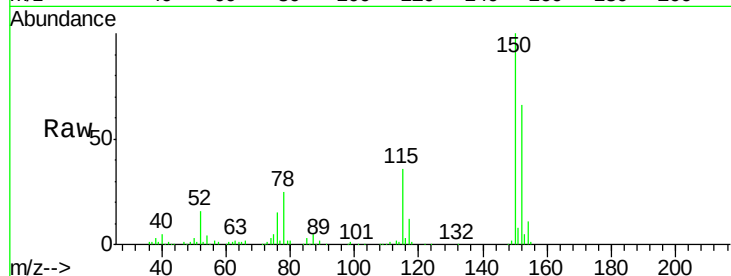


#1

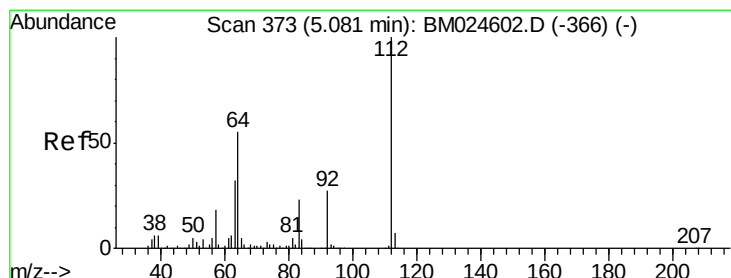
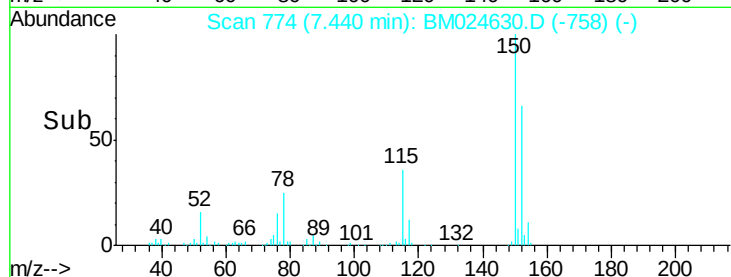
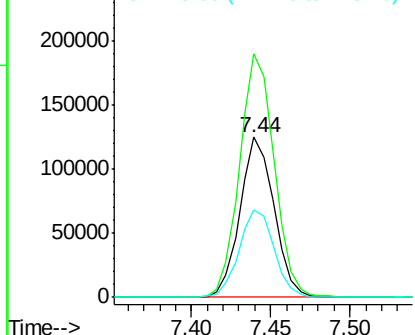
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.44 min Scan# 774  
Delta R.T. -0.01 min  
Lab File: BM024630.D  
Acq: 27 Jan 2020 16:28

Instrument :  
BNA\_M  
ClientSampleId :  
20200073-SITE-WATER

| Tot Ion | 152   | Resp  | 187386 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 152     | 100   |       |        |
| 150     | 151.9 | 124.2 | 186.4  |
| 115     | 54.8  | 48.6  | 72.8   |



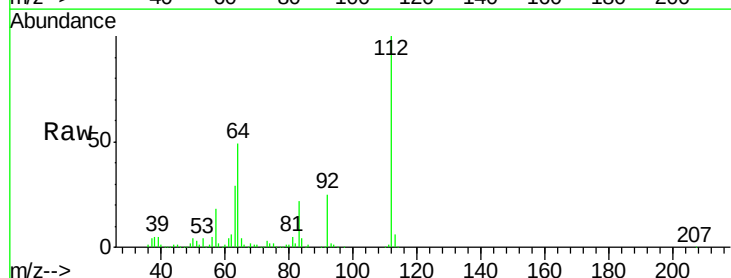
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



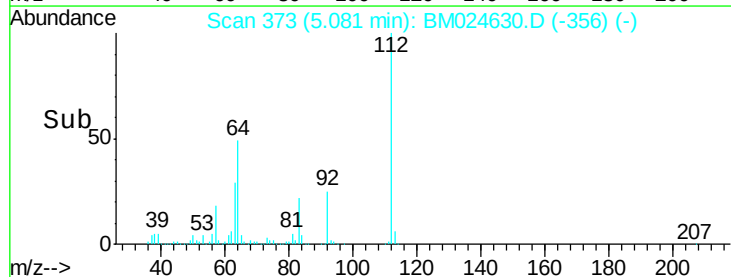
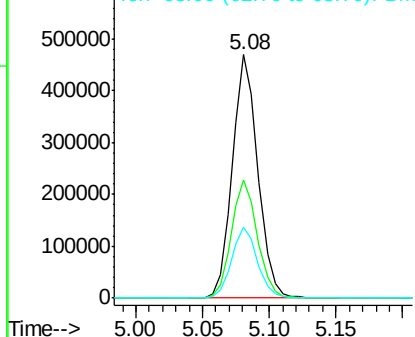
#5

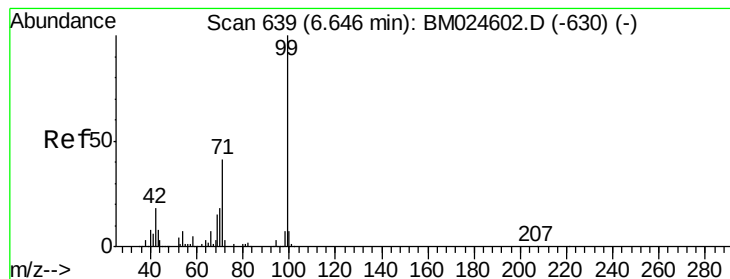
2-Fluorophenol  
Concen: 63.717 ng  
RT: 5.08 min Scan# 373  
Delta R.T. -0.00 min  
Lab File: BM024630.D  
Acq: 27 Jan 2020 16:28

| Tgt Ion | 112   | Resp  | 627826 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 112     | 100   |       |        |
| 64      | 48.7  | 44.2  | 66.4   |
| 63      | 29.1  | 25.9  | 38.9   |



Abundance Ion 112.00 (111.70 to 112.70): E  
Ion 64.00 (63.70 to 64.70): BM0  
Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 38.276 ng

RT: 6.63 min Scan# 637

Delta R.T. -0.01 min

Lab File: BM024630.D

Acq: 27 Jan 2020 16:28

Instrument :

BNA\_M

ClientSampleId :

20200073-SITE-WATER

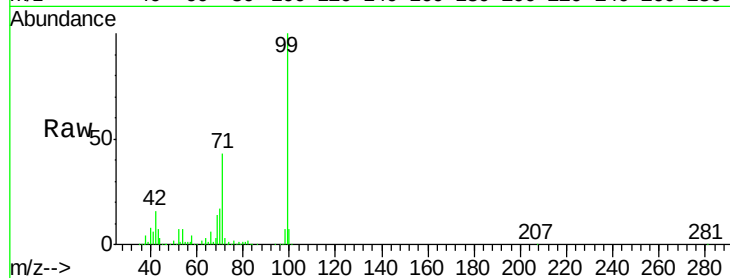
Tot Ion: 99 Resp: 519545

Ion Ratio Lower Upper

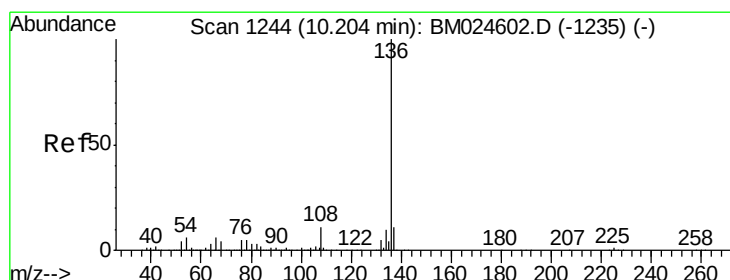
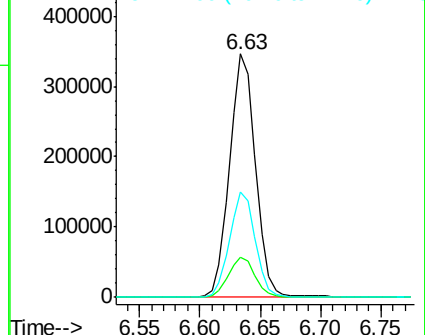
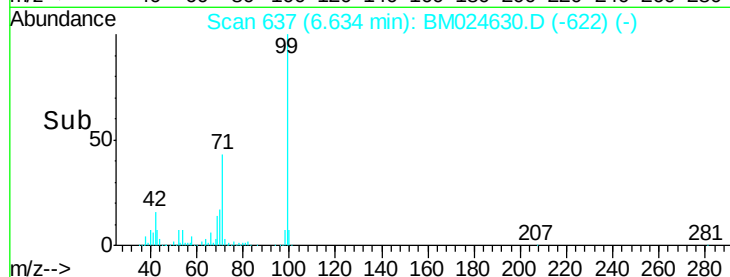
99 100

42 16.5 14.1 21.1

71 43.3 33.0 49.6



Abundance Ion 99.00 (98.70 to 99.70): BM024630.D (-622) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.20 min Scan# 1243

Delta R.T. -0.01 min

Lab File: BM024630.D

Acq: 27 Jan 2020 16:28

Tgt Ion: 136 Resp: 687860

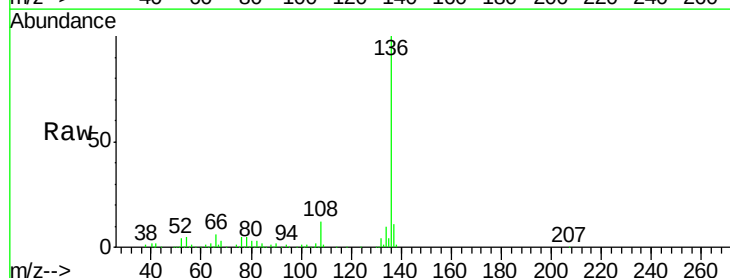
Ion Ratio Lower Upper

136 100

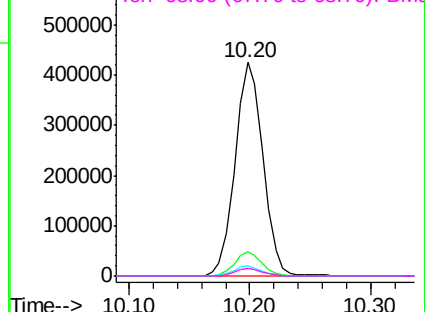
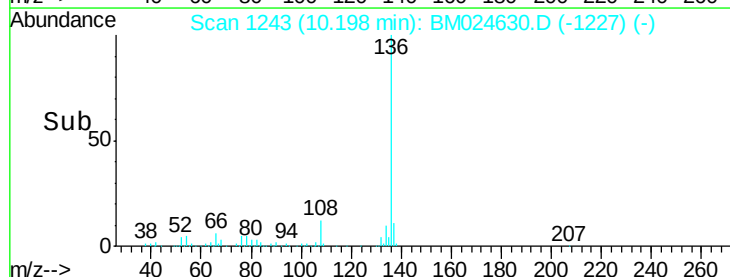
137 11.2 8.6 13.0

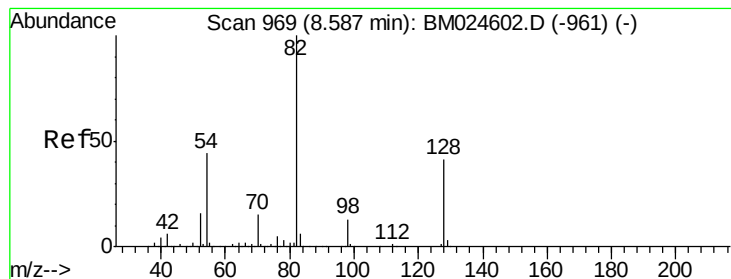
54 4.5 4.5 6.7

68 3.4 3.4 5.0



Abundance Ion 136.00 (135.70 to 136.70): BM024630.D (-1227) (-)





#23

Nitrobenzene-d5

Concen: 86.555 ng

RT: 8.58 min Scan# 968

Delta R.T. -0.01 min

Lab File: BM024630.D

Acq: 27 Jan 2020 16:28

Instrument :

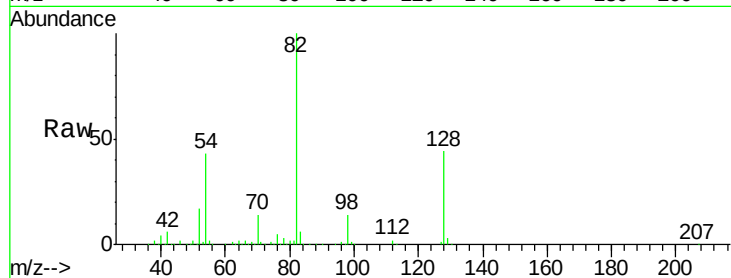
BNA\_M

ClientSampleId :

20200073-SITE-WATER

Tot Ion: 82 Resp: 1214030

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 44.4  | 32.6  | 48.8  |
| 54  | 42.6  | 34.8  | 52.2  |

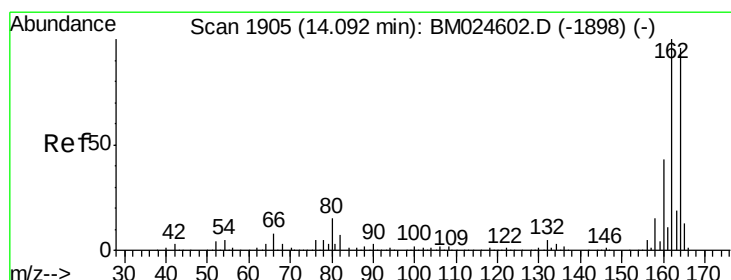
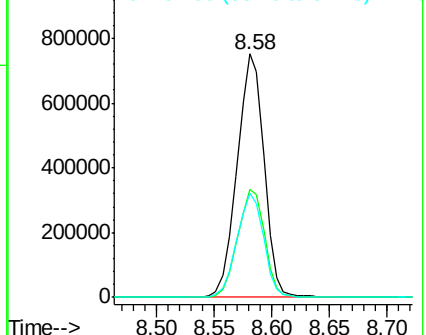
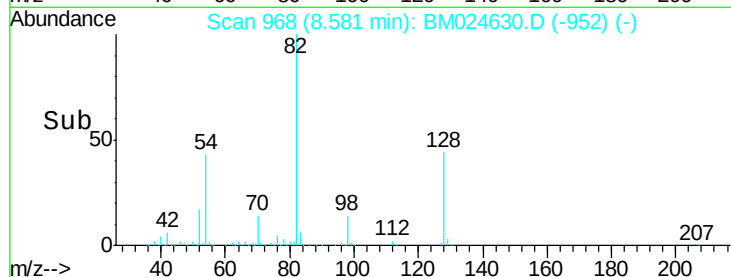


Abundance

Ion 82.00 (81.70 to 82.70): BM024630.D (-952) (-)

Ion 128.00 (127.70 to 128.70): BM024630.D (-952) (-)

Ion 54.00 (53.70 to 54.70): BM024630.D (-952) (-)



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.09 min Scan# 1904

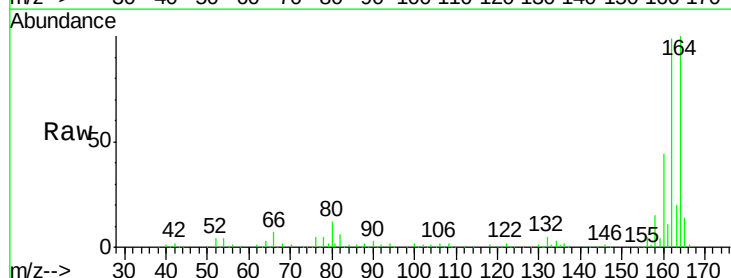
Delta R.T. -0.01 min

Lab File: BM024630.D

Acq: 27 Jan 2020 16:28

Tgt Ion: 164 Resp: 499999

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 162 | 98.8  | 82.9  | 124.3 |
| 160 | 43.9  | 35.5  | 53.3  |

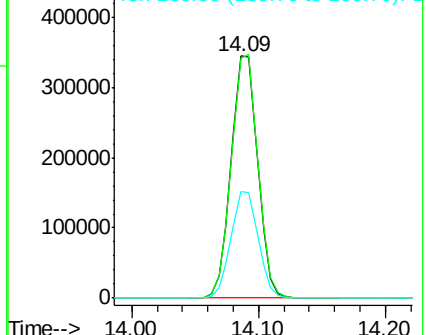
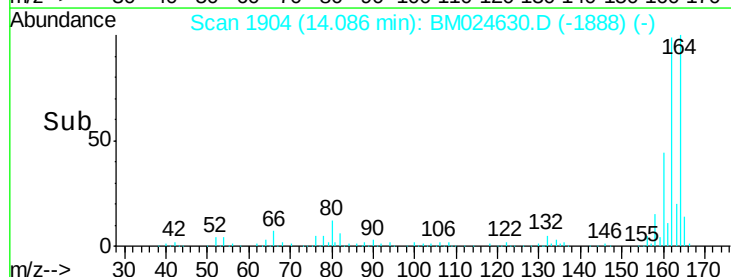


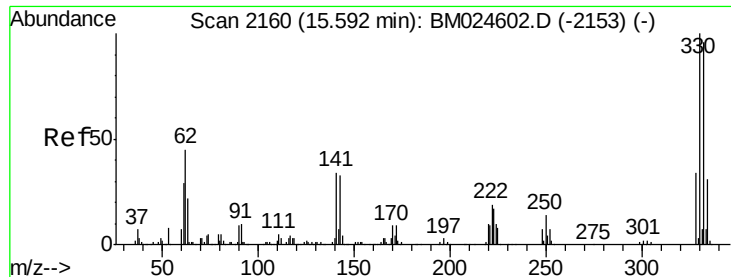
Abundance

Ion 164.00 (163.70 to 164.70): BM024630.D (-1888) (-)

Ion 162.00 (161.70 to 162.70): BM024630.D (-1888) (-)

Ion 160.00 (159.70 to 160.70): BM024630.D (-1888) (-)





#42

2,4,6-Tribromophenol

Concen: 159.426 ng

RT: 15.59 min Scan# 2160

Delta R.T. -0.00 min

Lab File: BM024630.D

Acq: 27 Jan 2020 16:28

Instrument :

BNA\_M

ClientSampleId :

20200073-SITE-WATER

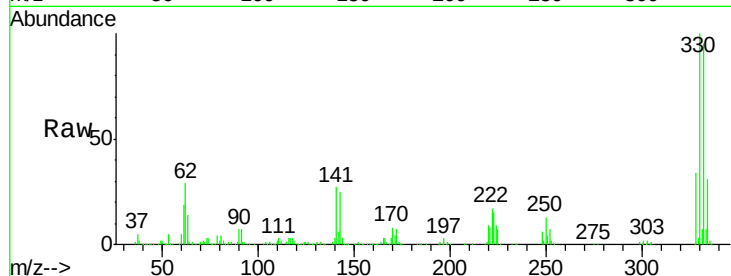
Tot Ion:330 Resp: 1296648

Ion Ratio Lower Upper

330 100

332 96.9 77.2 115.8

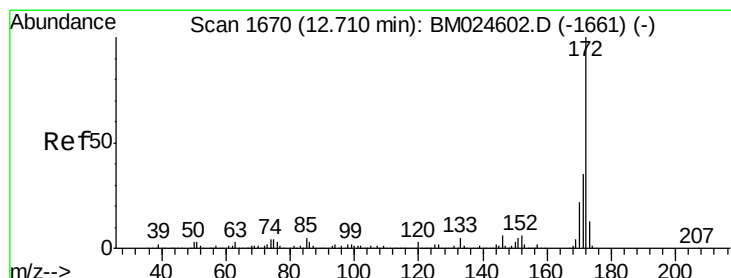
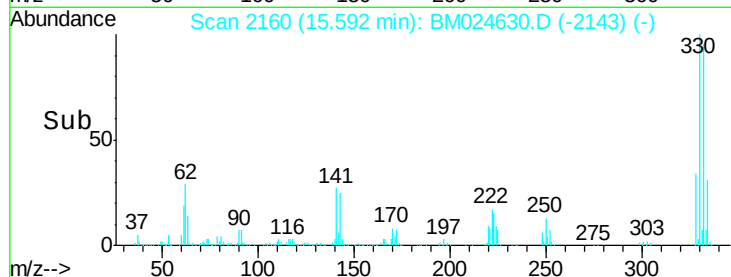
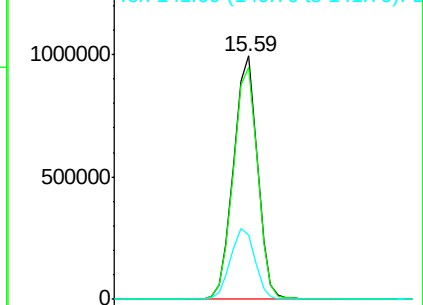
141 30.1 26.9 40.3



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: 97.861 ng

RT: 12.70 min Scan# 1669

Delta R.T. -0.01 min

Lab File: BM024630.D

Acq: 27 Jan 2020 16:28

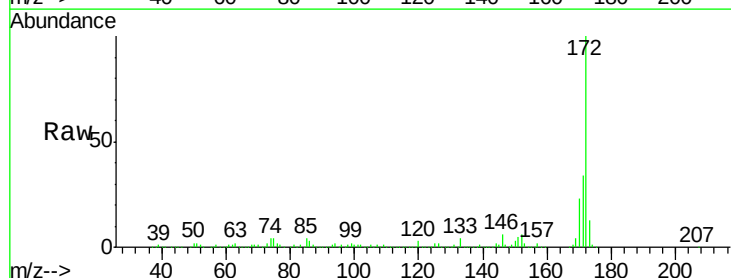
Tgt Ion:172 Resp: 3599124

Ion Ratio Lower Upper

172 100

171 34.5 28.3 42.5

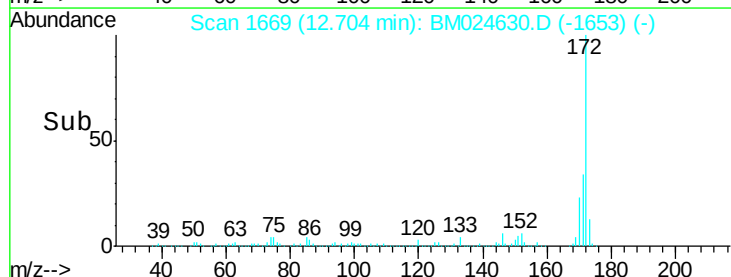
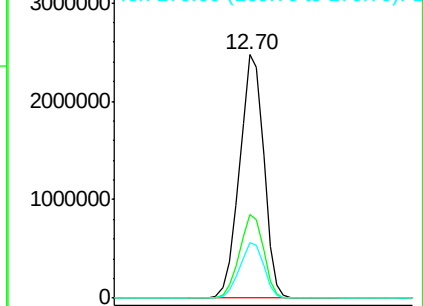
170 22.9 17.9 26.9

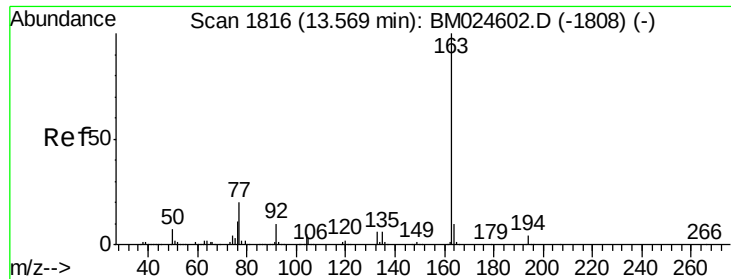


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 4.307 ng

RT: 13.56 min Scan# 1814

Delta R.T. -0.01 min

Lab File: BM024630.D

Acq: 27 Jan 2020 16:28

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20200073-SITE-WATER

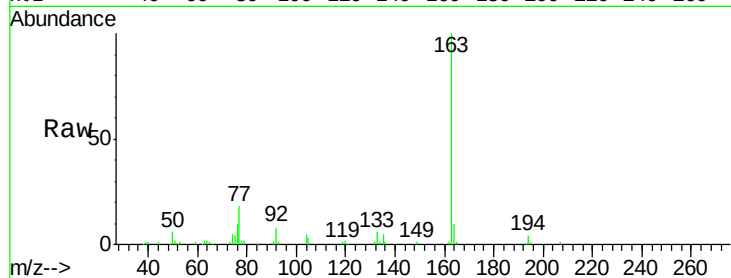
Tot Ion:163 Resp: 174121

Ion Ratio Lower Upper

163 100

194 3.8 3.4 5.0

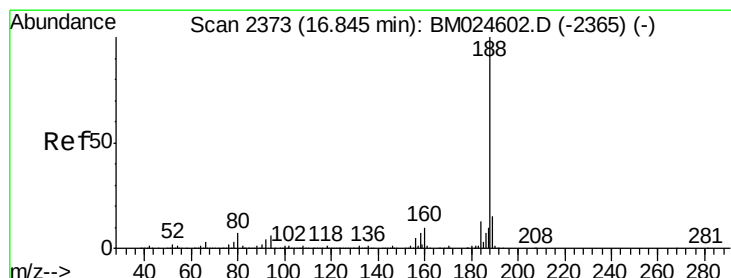
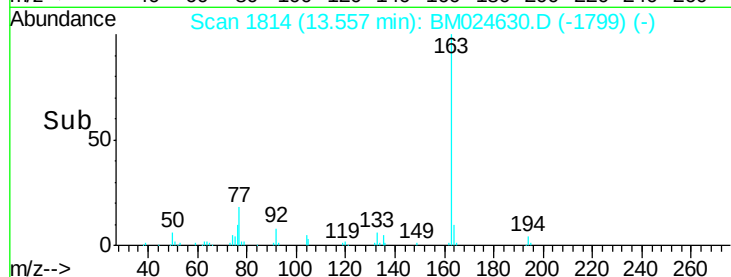
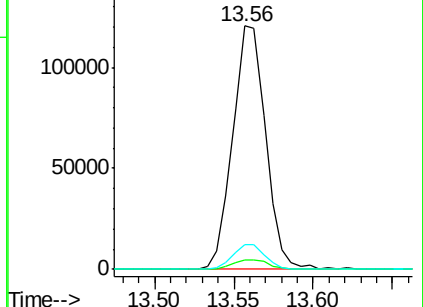
164 10.2 8.0 12.0



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: 16.84 min Scan# 2372

Delta R.T. -0.01 min

Lab File: BM024630.D

Acq: 27 Jan 2020 16:28

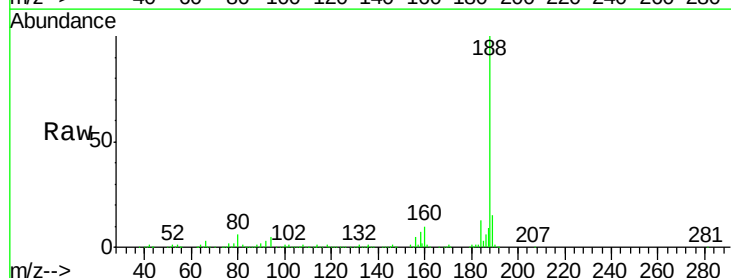
Tgt Ion:188 Resp: 1184681

Ion Ratio Lower Upper

188 100

94 4.9 5.0 7.6#

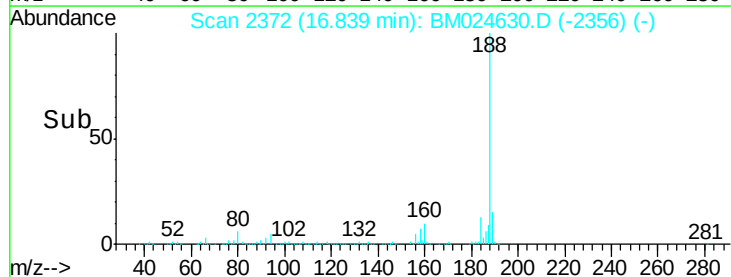
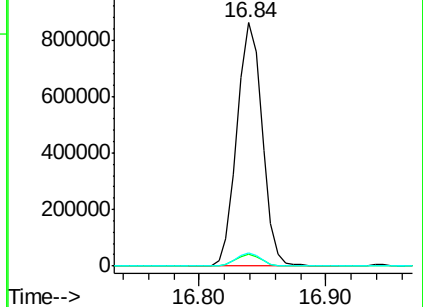
80 5.6 5.8 8.8#

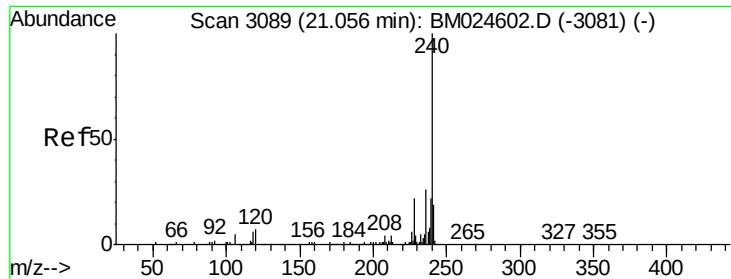


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM

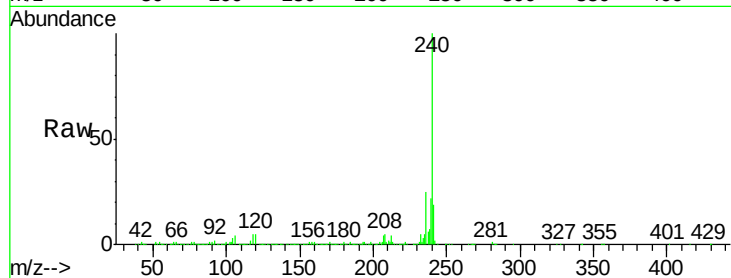




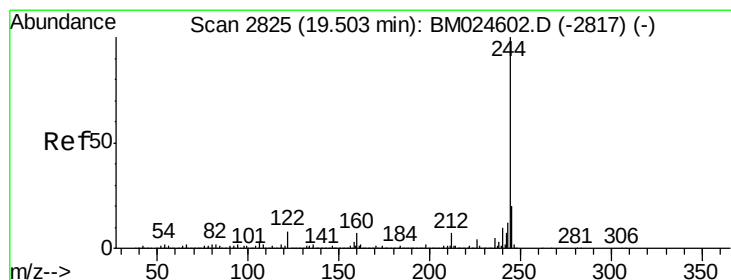
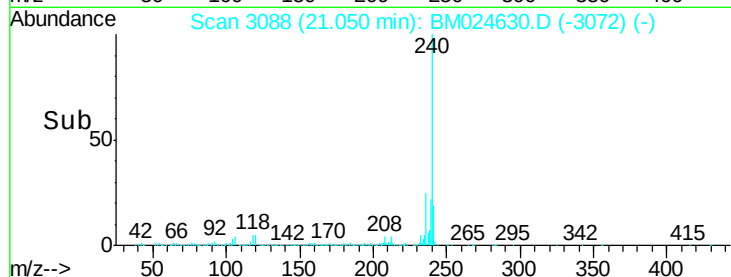
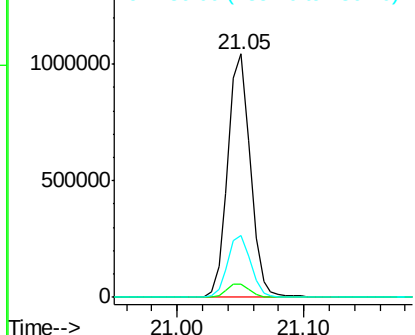
#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.05 min Scan# 3088  
Delta R.T. -0.01 min  
Lab File: BM024630.D  
Acq: 27 Jan 2020 16:28

Instrument :  
BNA\_M  
ClientSampleId :  
20200073-SITE-WATER

Tot Ion:240 Resp: 1287135  
Ion Ratio Lower Upper  
240 100  
120 5.2 5.3 7.9#  
236 25.2 20.6 31.0

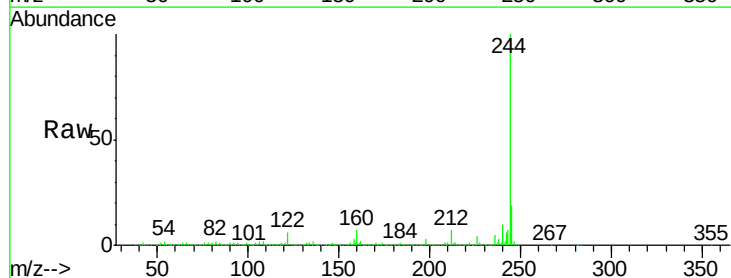


Abundance Ion 240.00 (239.70 to 240.70): E  
Ion 120.00 (119.70 to 120.70): E  
Ion 236.00 (235.70 to 236.70): E

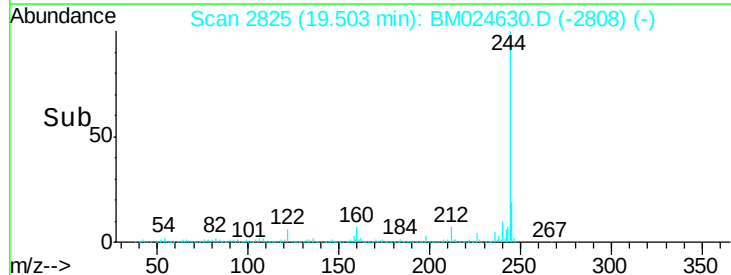
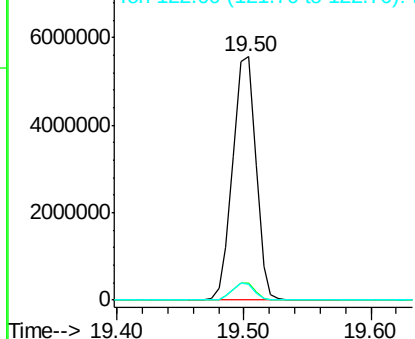


#79  
Terphenyl-d14  
Concen: 102.142 ng  
RT: 19.50 min Scan# 2825  
Delta R.T. -0.00 min  
Lab File: BM024630.D  
Acq: 27 Jan 2020 16:28

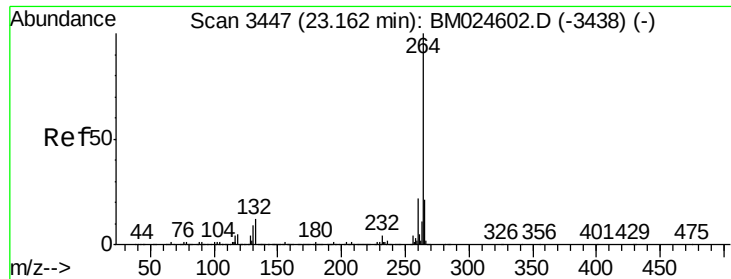
Tgt Ion:244 Resp: 7042196  
Ion Ratio Lower Upper  
244 100  
212 6.9 5.4 8.2  
122 6.3 6.2 9.4



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







#87  
Pervlene-d12  
Concen: 20.000 ng  
RT: 23.16 min Scan# 3447  
Delta R.T. -0.00 min  
Lab File: BM024630.D  
Acq: 27 Jan 2020 16:28

Instrument :  
BNA\_M  
ClientSampleId :  
20200073-SITE-WATER

Tot Ion:264 Resp: 1462521  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 23.2  | 17.9  | 26.9  |
| 265 | 22.1  | 17.3  | 25.9  |

