

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM110923\  
 Data File : BM042674.D  
 Acq On : 09 Nov 2023 16:45  
 Operator : MA/JU  
 Sample : 05257-04  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 WC-6

Quant Time: Nov 09 17:23:59 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM103023.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Nov 09 13:21:00 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.845  | 152  | 30624    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.657 | 136  | 105245   | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10        | 14.498 | 164  | 59975    | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.251 | 188  | 127161   | 20.000  | ng    | # 0.00   |
| 76) Chrysene-d12            | 21.439 | 240  | 121558   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 23.815 | 264  | 158384   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.375  | 112  | 227080   | 119.671 | ng    | 0.00     |
| 7) Phenol-d6                | 7.010  | 99   | 260303   | 100.024 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.045  | 82   | 216718   | 95.991  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 15.998 | 330  | 119364   | 152.440 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.122 | 172  | 411901   | 92.414  | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.874 | 244  | 683970   | 95.407  | ng    | 0.00     |

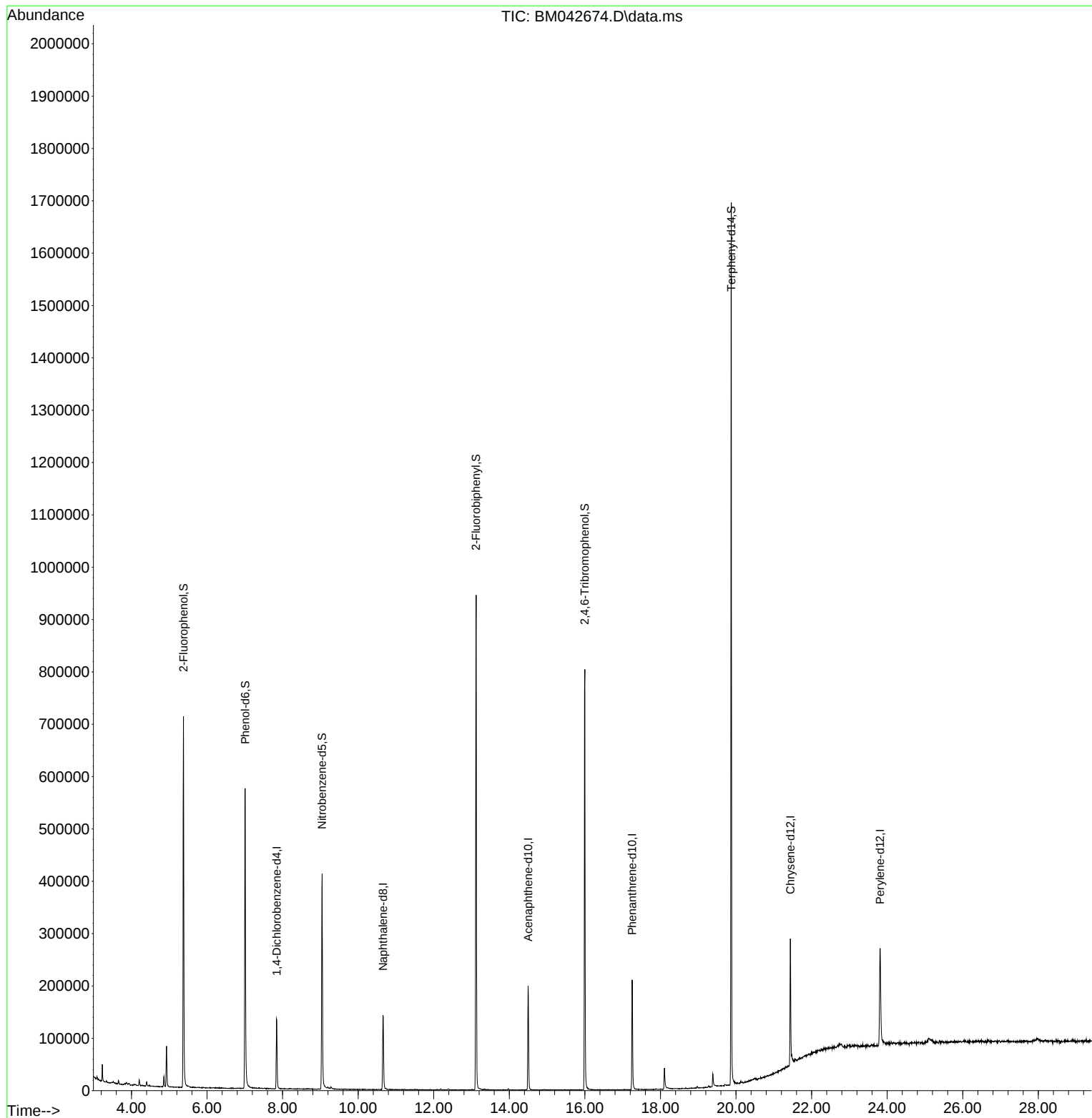
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

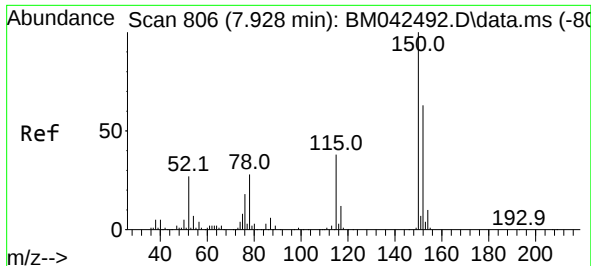
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM103023.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Nov 09 13:21:00 2023  
Response via : Initial Calibration

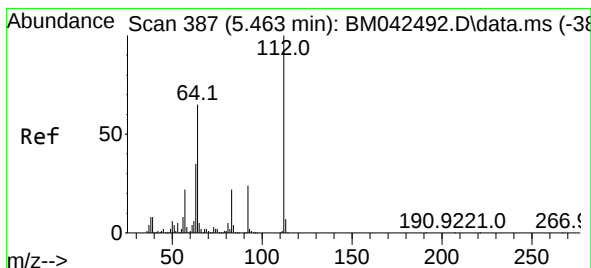
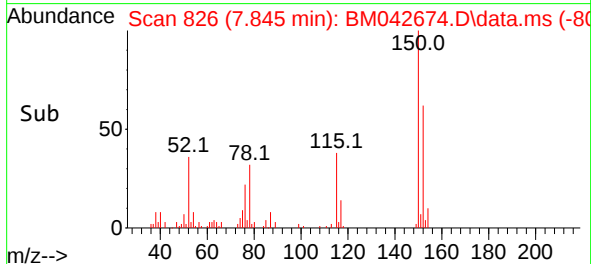
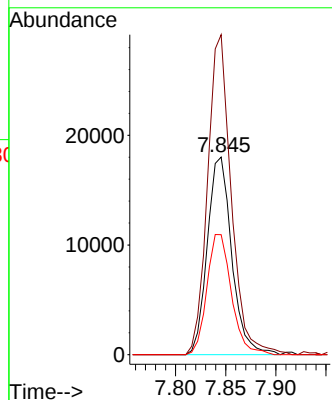
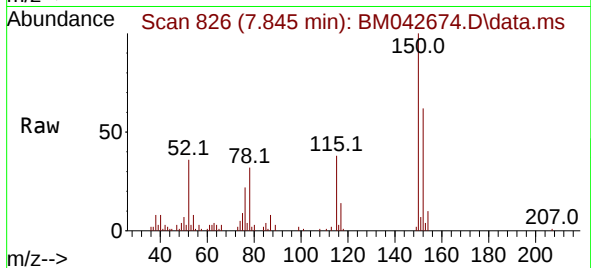




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.845 min Scan# 81  
Delta R.T. 0.000 min  
Lab File: BM042674.D  
Acq: 09 Nov 2023 16:45

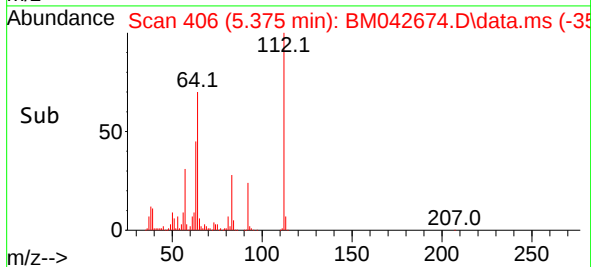
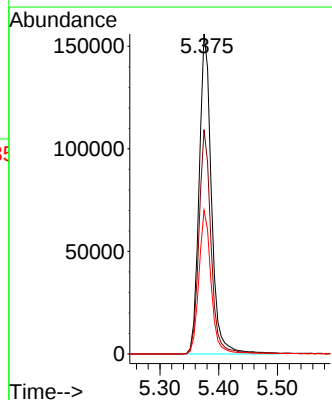
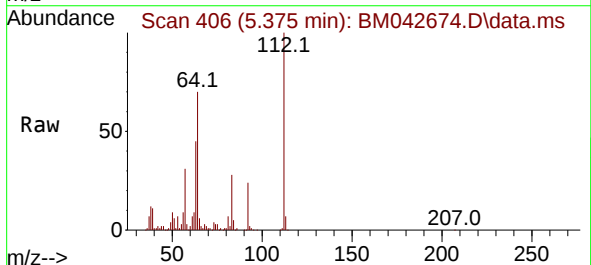
Instrument :  
BNA\_M  
ClientSampleId :  
WC-6

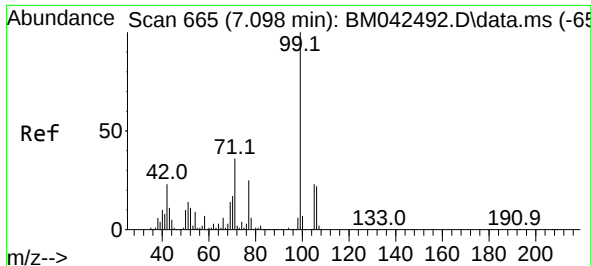
Tgt Ion:152 Resp: 30624  
Ion Ratio Lower Upper  
152 100  
150 161.9 127.4 191.0  
115 60.7 47.9 71.9



#5  
2-Fluorophenol  
Concen: 119.671 ng  
RT: 5.375 min Scan# 406  
Delta R.T. 0.000 min  
Lab File: BM042674.D  
Acq: 09 Nov 2023 16:45

Tgt Ion:112 Resp: 227080  
Ion Ratio Lower Upper  
112 100  
64 70.1 52.1 78.1  
63 44.9 28.3 42.5#

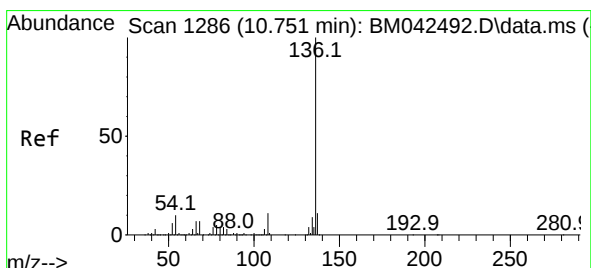
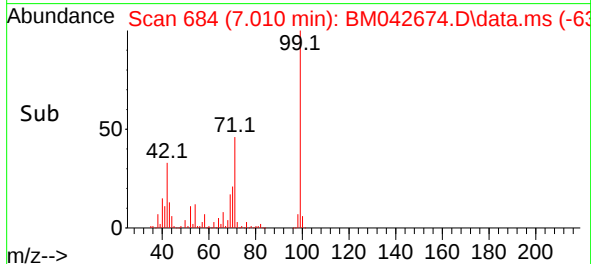
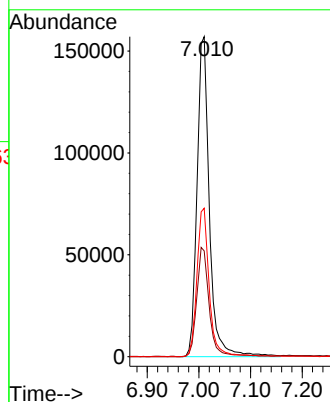
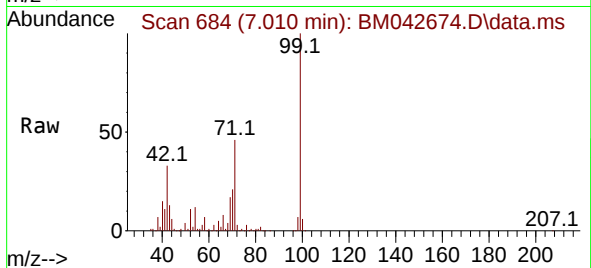




#7  
Phenol-d6  
Concen: 100.024 ng  
RT: 7.010 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: BM042674.D  
Acq: 09 Nov 2023 16:45

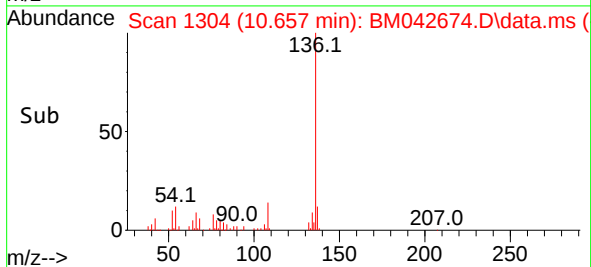
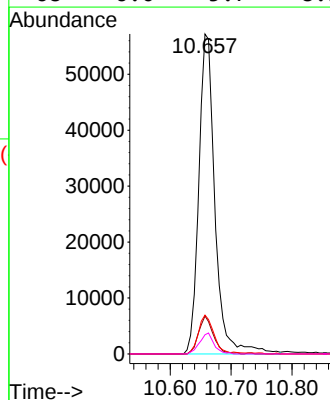
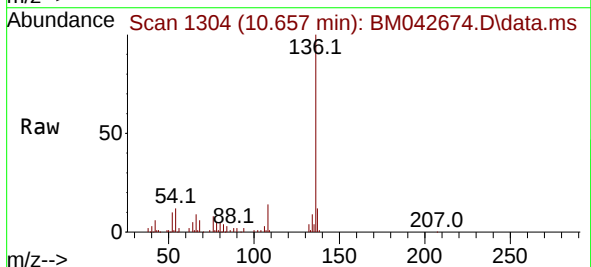
Instrument :  
BNA\_M  
ClientSampleId :  
WC-6

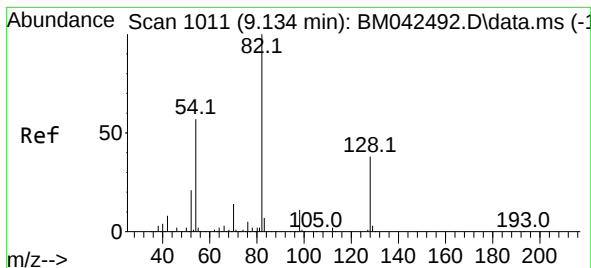
Tgt Ion: 99 Resp: 260303  
Ion Ratio Lower Upper  
99 100  
42 33.1 18.7 28.1#  
71 46.4 29.1 43.7#



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.657 min Scan# 1304  
Delta R.T. -0.006 min  
Lab File: BM042674.D  
Acq: 09 Nov 2023 16:45

Tgt Ion:136 Resp: 105245  
Ion Ratio Lower Upper  
136 100  
137 11.9 9.0 13.6  
54 12.1 8.0 12.0#  
68 6.0 5.7 8.5





#23

Nitrobenzene-d5

Concen: 95.991 ng

RT: 9.045 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM042674.D

Acq: 09 Nov 2023 16:45

Instrument :

BNA\_M

ClientSampleId :

WC-6

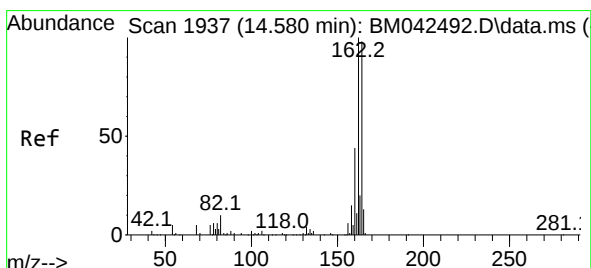
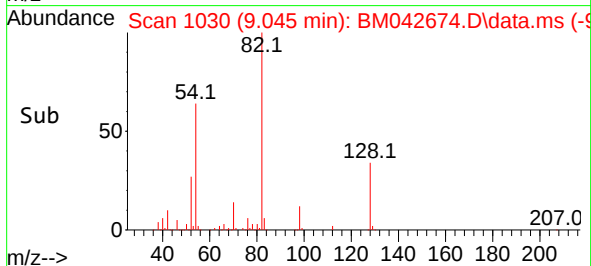
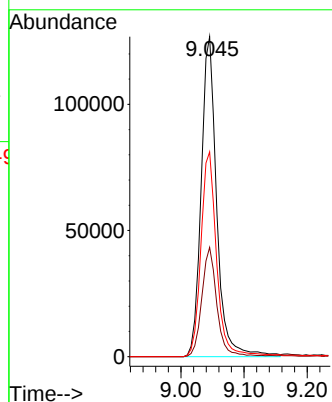
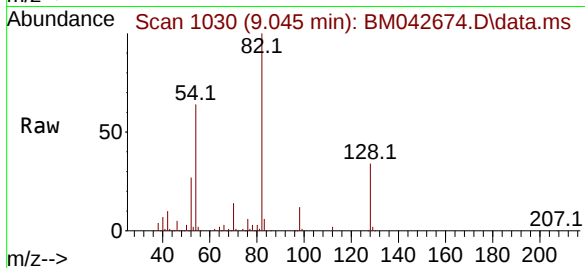
Tgt Ion: 82 Resp: 216718

Ion Ratio Lower Upper

82 100

128 34.1 30.7 46.1

54 64.0 45.3 67.9



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.498 min Scan# 1957

Delta R.T. -0.006 min

Lab File: BM042674.D

Acq: 09 Nov 2023 16:45

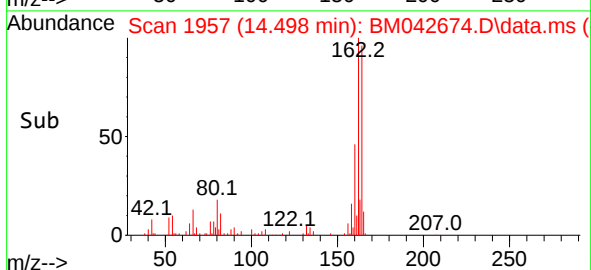
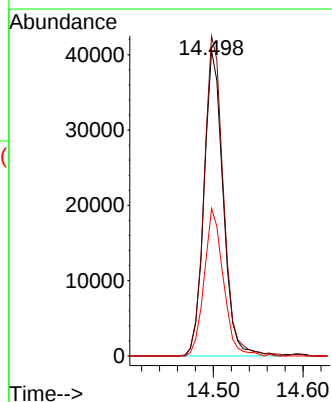
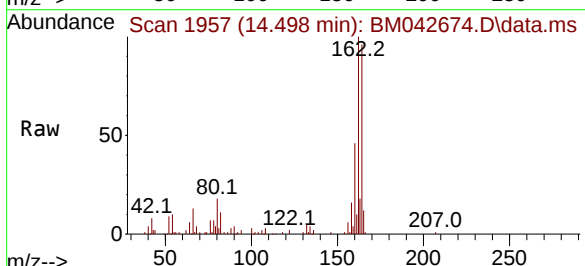
Tgt Ion:164 Resp: 59975

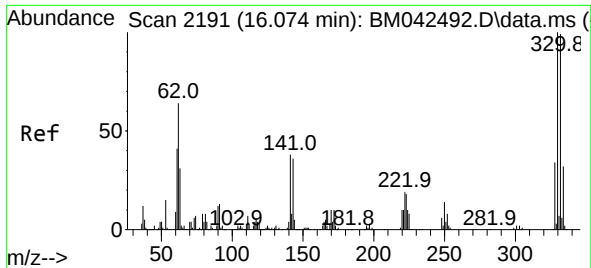
Ion Ratio Lower Upper

164 100

162 104.7 81.6 122.4

160 48.3 36.2 54.4

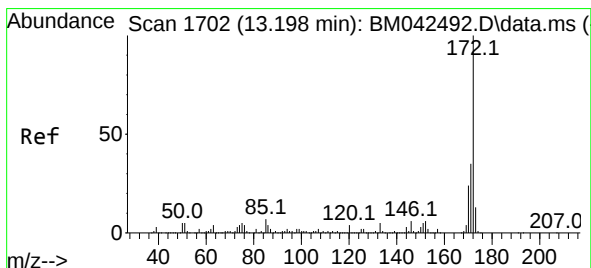
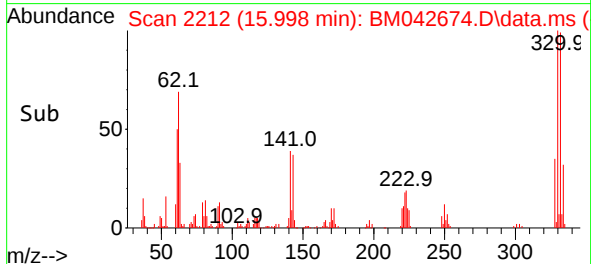
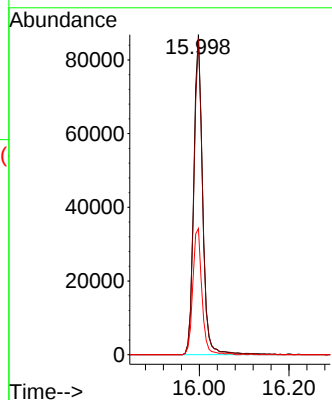
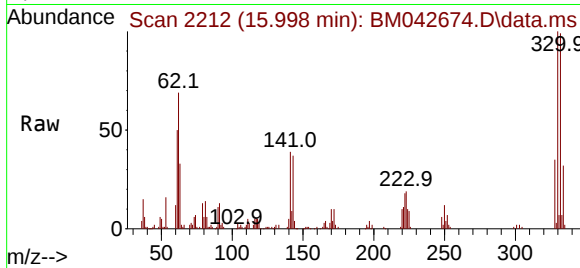




#42  
2,4,6-Tribromophenol  
Concen: 152.440 ng  
RT: 15.998 min Scan# 2191  
Delta R.T. 0.000 min  
Lab File: BM042674.D  
Acq: 09 Nov 2023 16:45

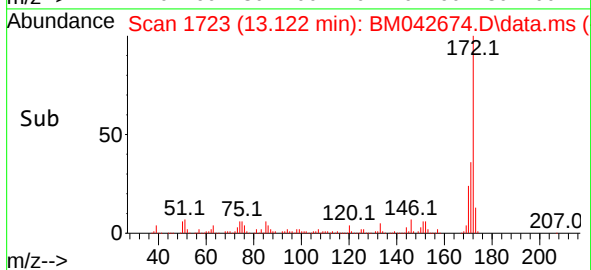
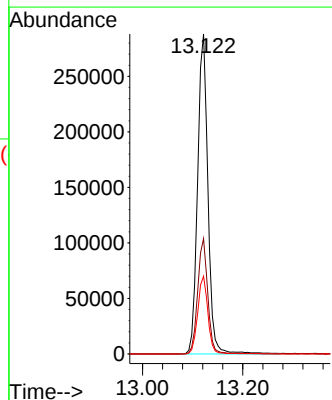
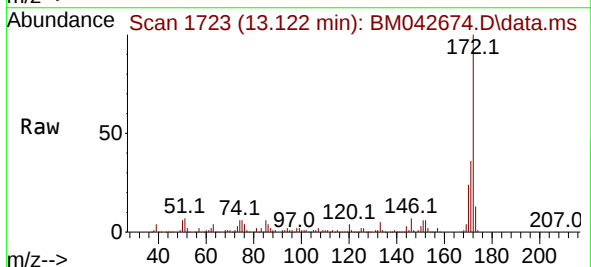
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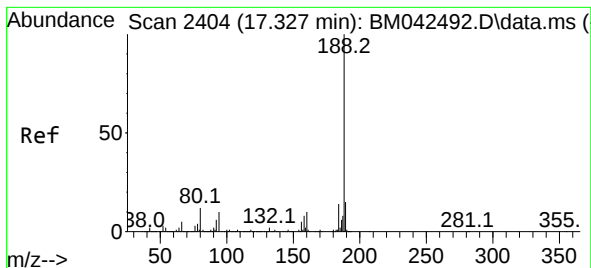
Tgt Ion:330 Resp: 119364  
Ion Ratio Lower Upper  
330 100  
332 97.1 78.8 118.2  
141 40.4 31.1 46.7



#45  
2-Fluorobiphenyl  
Concen: 92.414 ng  
RT: 13.122 min Scan# 1723  
Delta R.T. 0.000 min  
Lab File: BM042674.D  
Acq: 09 Nov 2023 16:45

Tgt Ion:172 Resp: 411901  
Ion Ratio Lower Upper  
172 100  
171 36.0 28.2 42.2  
170 24.3 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.251 min Scan# 24

Delta R.T. -0.006 min

Lab File: BM042674.D

Acq: 09 Nov 2023 16:45

Instrument :

BNA\_M

ClientSampleId :

WC-6

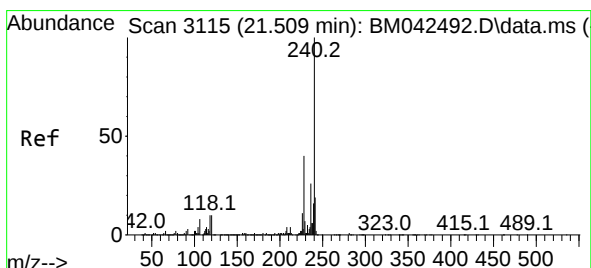
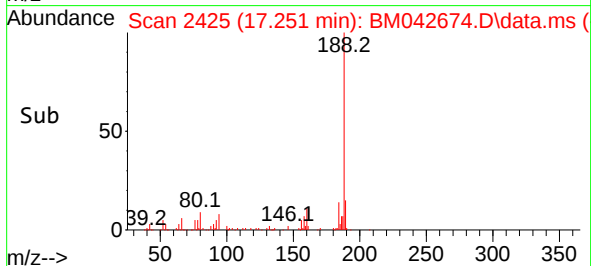
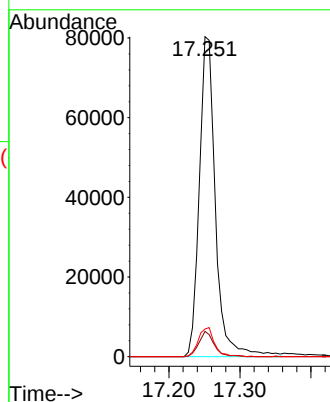
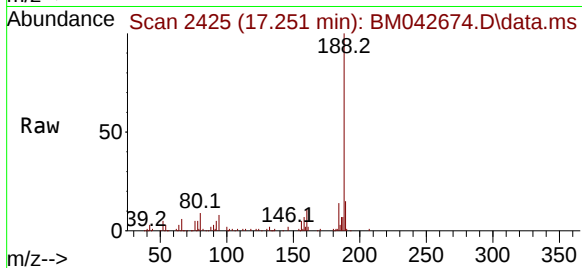
Tgt Ion:188 Resp: 127161

Ion Ratio Lower Upper

188 100

94 7.9 8.2 12.4#

80 8.7 9.4 14.2#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.439 min Scan# 3137

Delta R.T. 0.000 min

Lab File: BM042674.D

Acq: 09 Nov 2023 16:45

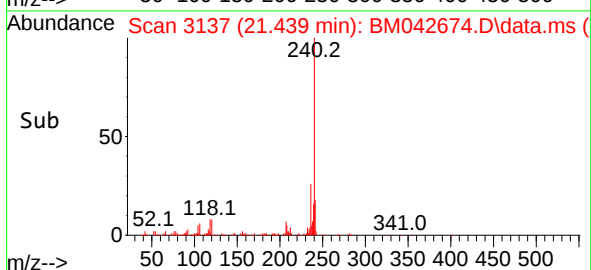
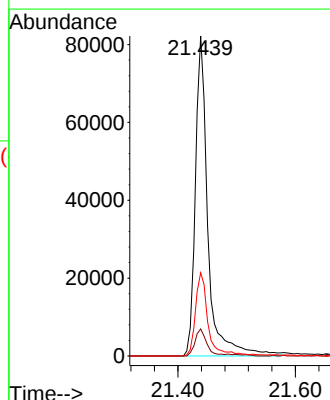
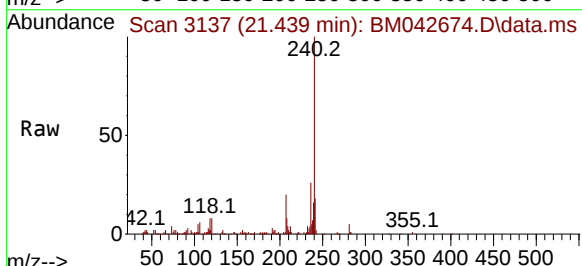
Tgt Ion:240 Resp: 121558

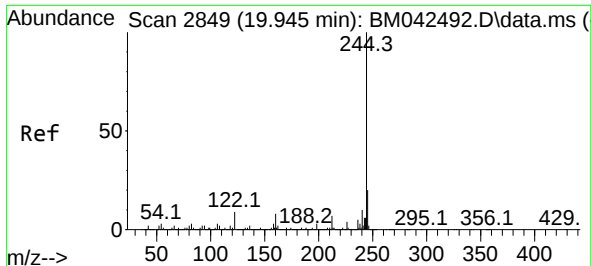
Ion Ratio Lower Upper

240 100

120 8.4 8.3 12.5

236 26.0 20.8 31.2

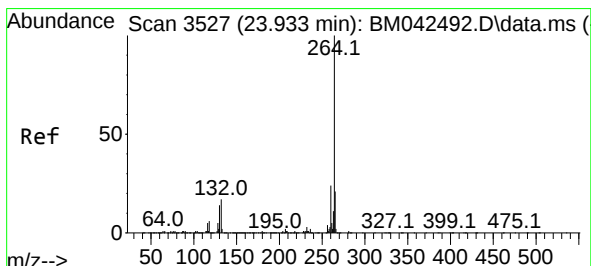
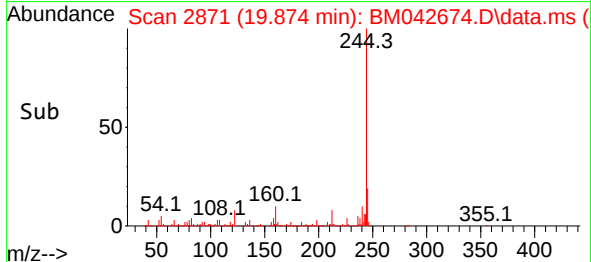
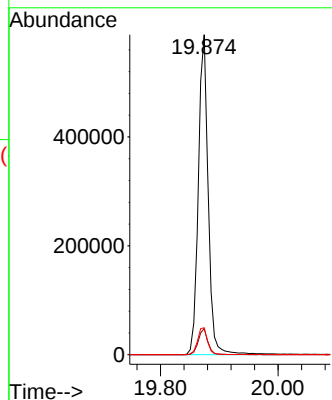
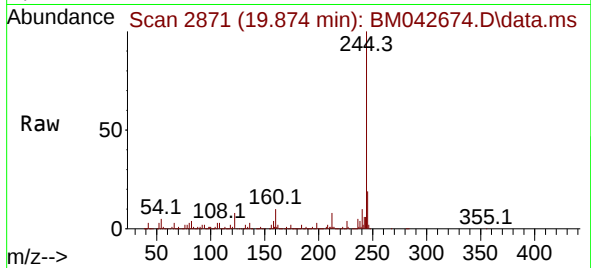




#79  
 Terphenyl-d14  
 Concen: 95.407 ng  
 RT: 19.874 min Scan# 21  
 Delta R.T. 0.000 min  
 Lab File: BM042674.D  
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Tgt Ion:244 Resp: 683970  
 Ion Ratio Lower Upper  
 244 100  
 212 8.2 5.4 8.2#  
 122 8.4 7.2 10.8



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 23.815 min Scan# 3541  
 Delta R.T. 0.000 min  
 Lab File: BM042674.D  
 Acq: 09 Nov 2023 16:45

Tgt Ion:264 Resp: 158384  
 Ion Ratio Lower Upper  
 264 100  
 260 23.2 19.0 28.4  
 265 21.2 18.7 28.1

