

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF111524\  
 Data File : BF140398.D  
 Acq On : 15 Nov 2024 12:52  
 Operator : RC/JU  
 Sample : P4799-07  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 WC-TA2-03-C

Quant Time: Nov 15 13:18:49 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF111324.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Nov 13 14:40:06 2024  
 Response via : Initial Calibration

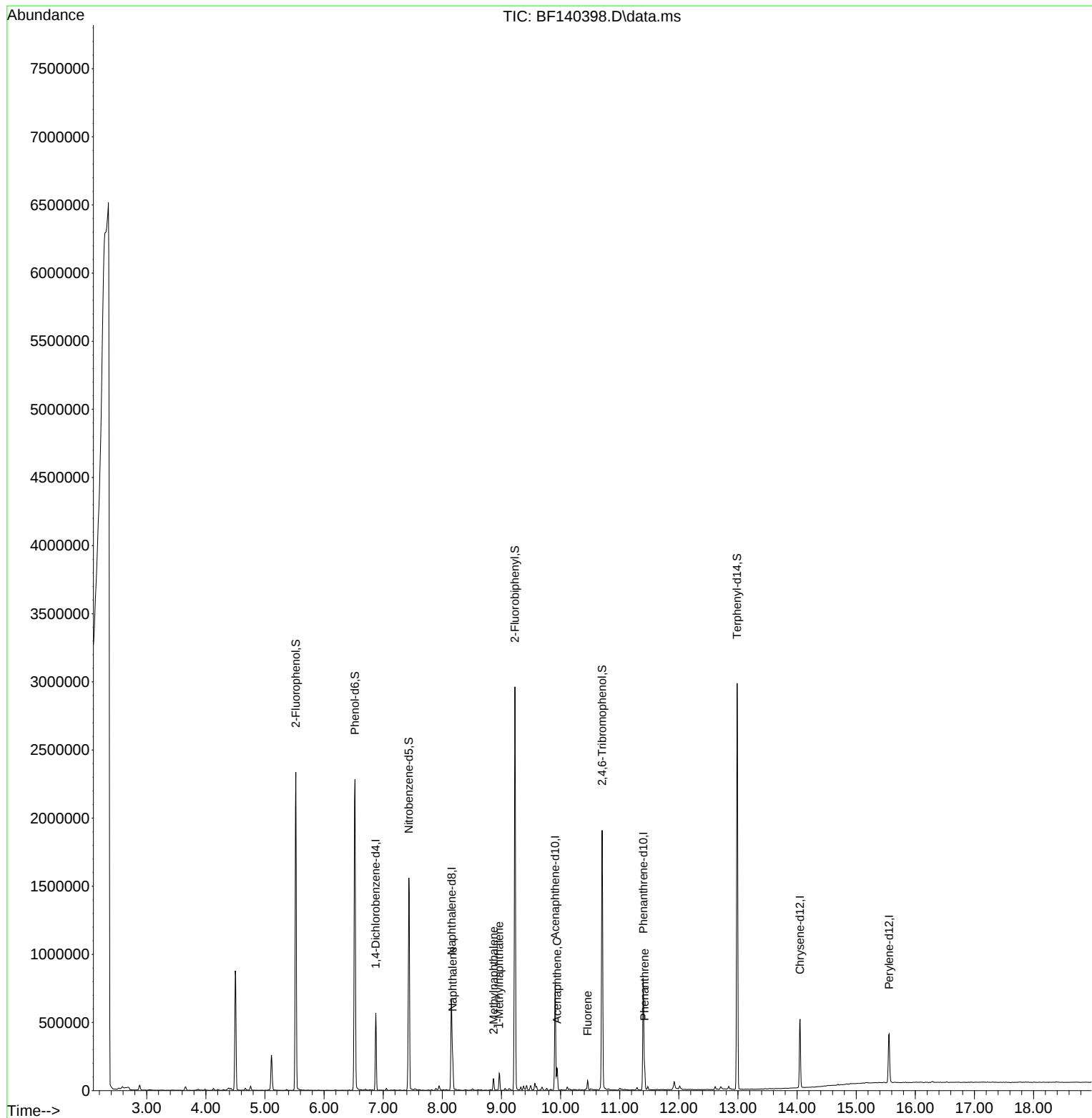
| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.875  | 152  | 117399   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.157  | 136  | 435226   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.910  | 164  | 234558   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.398 | 188  | 431505   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 14.051 | 240  | 249173   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 15.557 | 264  | 204971   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.522  | 112  | 879744   | 127.945 | ng    | 0.03     |
| 7) Phenol-d6                | 6.522  | 99   | 1141001  | 122.480 | ng    | 0.02     |
| 23) Nitrobenzene-d5         | 7.434  | 82   | 739645   | 88.546  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.704 | 330  | 326513   | 139.984 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.228  | 172  | 1304219  | 89.385  | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.986 | 244  | 1458423  | 101.597 | ng    | 0.00     |
| Target Compounds            |        |      |          |         |       |          |
|                             |        |      |          |         |       | Qvalue   |
| 31) Naphthalene             | 8.175  | 128  | 133494   | 6.046   | ng    | 99       |
| 37) 2-Methylnaphthalene     | 8.869  | 142  | 28721    | 2.029   | ng    | 95       |
| 38) 1-Methylnaphthalene     | 8.963  | 142  | 45614    | 3.290   | ng    | 99       |
| 52) Acenaphthene            | 9.939  | 154  | 49484    | 3.725   | ng    | 98       |
| 58) Fluorene                | 10.457 | 166  | 30129    | 2.028   | ng    | 97       |
| 71) Phenanthrene            | 11.422 | 178  | 81919    | 4.041   | ng    | 98       |
| -----                       |        |      |          |         |       |          |

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

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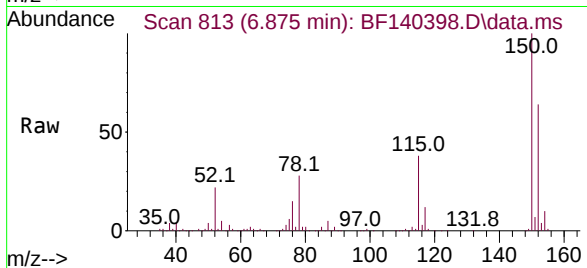
Quant Time: Nov 15 13:18:49 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF111324.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Nov 13 14:40:06 2024  
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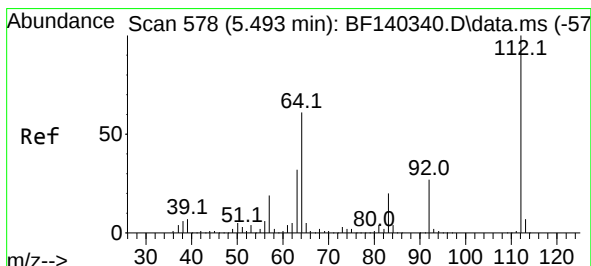
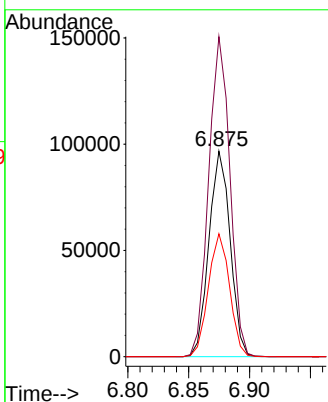
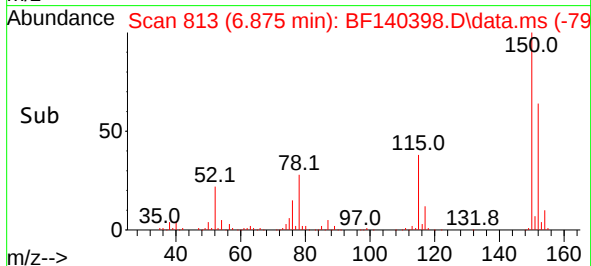


#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.875 min Scan# 813  
Delta R.T. -0.006 min  
Lab File: BF140398.D  
Acq: 15 Nov 2024 12:52

Instrument :  
BNA\_F  
ClientSampleId :  
WC-TA2-03-C

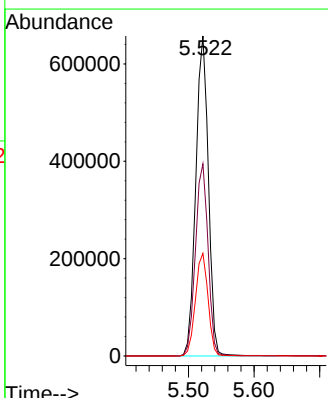
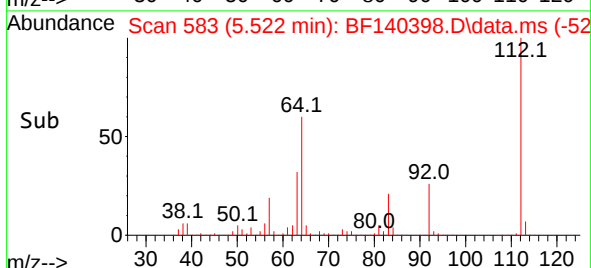
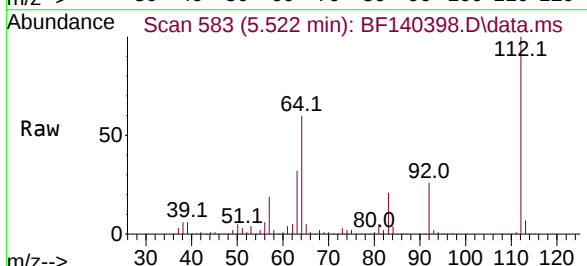


Tgt Ion:152 Resp: 117399  
Ion Ratio Lower Upper  
152 100  
150 155.8 127.4 191.0  
115 59.8 47.4 71.2



#5  
2-Fluorophenol  
Concen: 127.945 ng  
RT: 5.522 min Scan# 583  
Delta R.T. 0.029 min  
Lab File: BF140398.D  
Acq: 15 Nov 2024 12:52

Tgt Ion:112 Resp: 879744  
Ion Ratio Lower Upper  
112 100  
64 60.0 49.2 73.8  
63 32.1 25.6 38.4

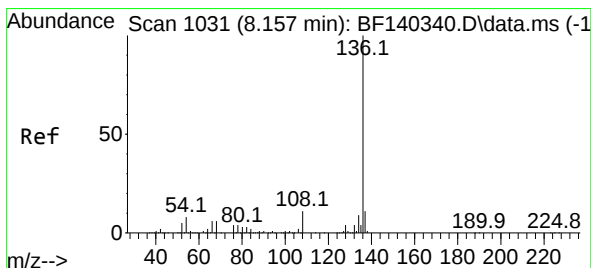
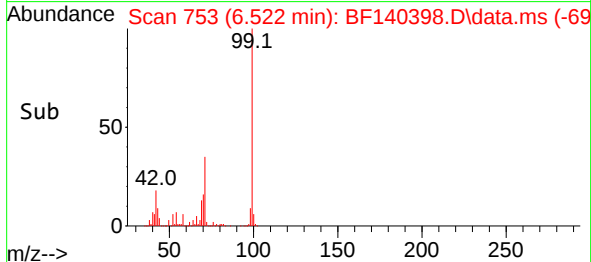
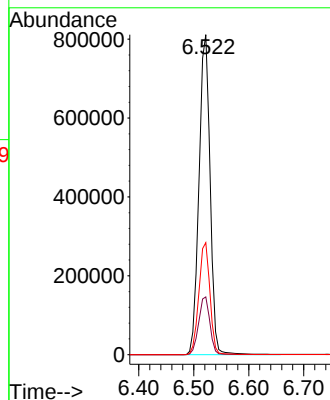
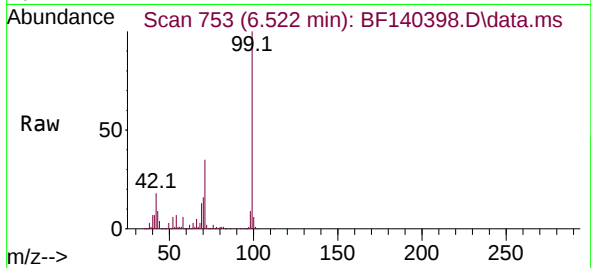




#7  
Phenol-d6  
Concen: 122.480 ng  
RT: 6.522 min Scan# 71  
Delta R.T. 0.018 min  
Lab File: BF140398.D  
Acq: 15 Nov 2024 12:52

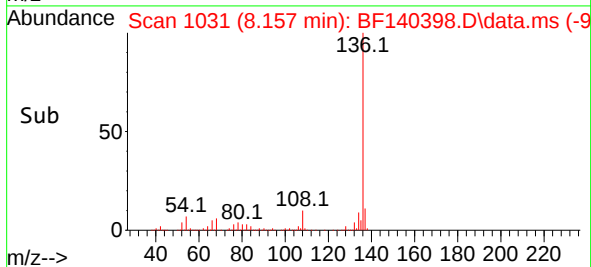
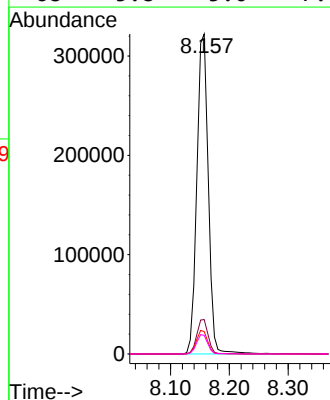
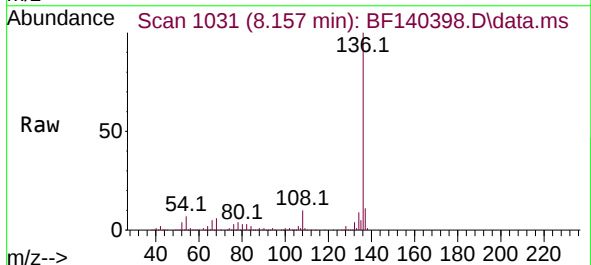
Instrument :  
BNA\_F  
ClientSampleId :  
WC-TA2-03-C

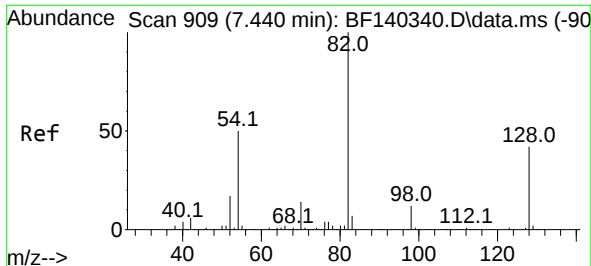
Tgt Ion: 99 Resp: 1141001  
Ion Ratio Lower Upper  
99 100  
42 18.1 15.1 22.7  
71 35.0 27.9 41.9



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.157 min Scan# 1031  
Delta R.T. -0.000 min  
Lab File: BF140398.D  
Acq: 15 Nov 2024 12:52

Tgt Ion: 136 Resp: 435226  
Ion Ratio Lower Upper  
136 100  
137 10.7 8.7 13.1  
54 7.0 6.5 9.7  
68 5.8 5.0 7.6





#23

Nitrobenzene-d5

Concen: 88.546 ng

RT: 7.434 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF140398.D

Acq: 15 Nov 2024 12:52

Instrument :

BNA\_F

ClientSampleId :

WC-TA2-03-C

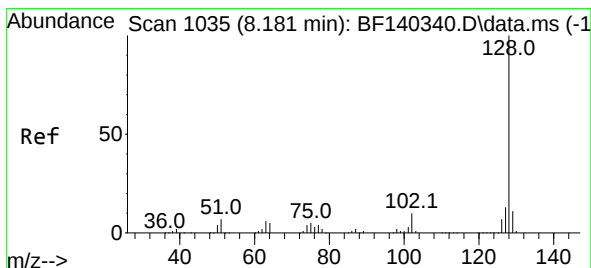
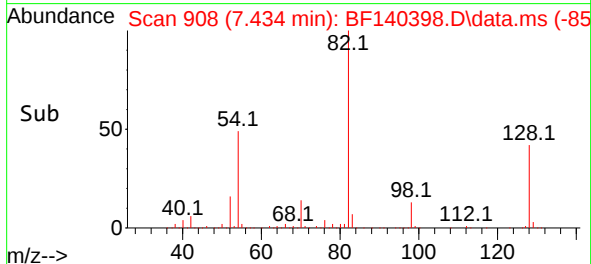
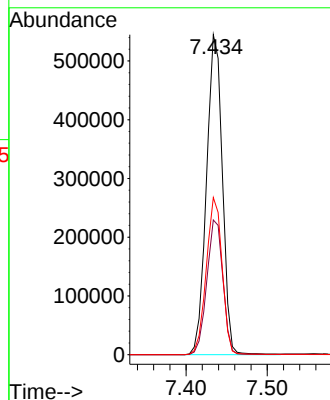
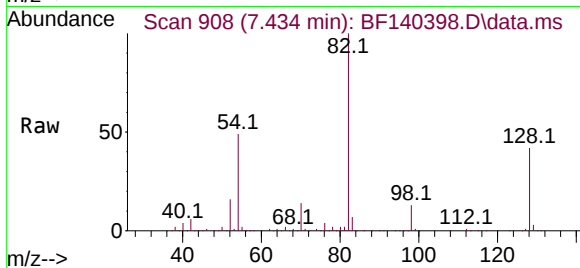
Tgt Ion: 82 Resp: 739645

Ion Ratio Lower Upper

82 100

128 42.1 33.3 49.9

54 49.1 39.8 59.8



#31

Naphthalene

Concen: 6.046 ng

RT: 8.175 min Scan# 1034

Delta R.T. -0.006 min

Lab File: BF140398.D

Acq: 15 Nov 2024 12:52

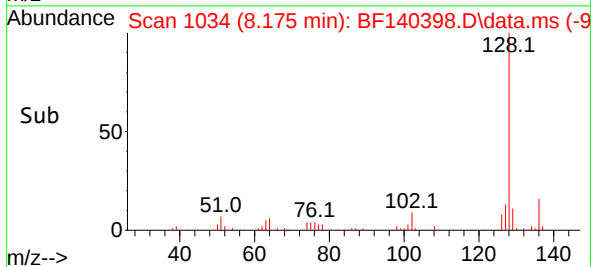
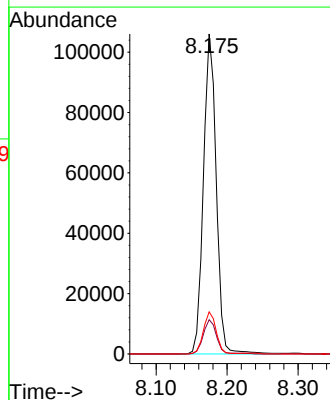
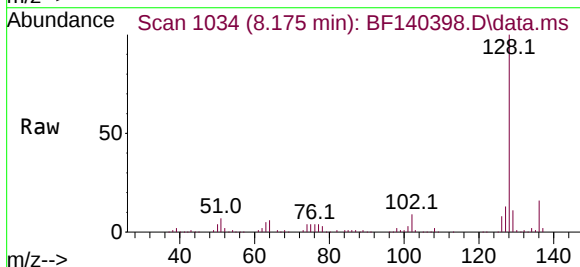
Tgt Ion: 128 Resp: 133494

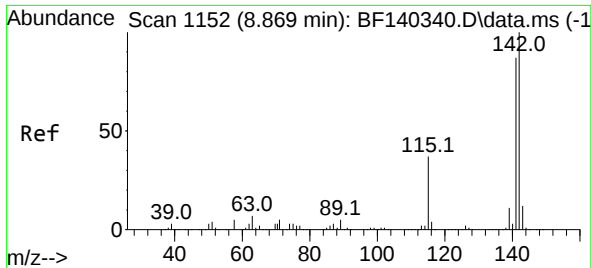
Ion Ratio Lower Upper

128 100

129 10.7 8.9 13.3

127 13.1 10.6 15.8





#37

2-Methylnaphthalene

Concen: 2.029 ng

RT: 8.869 min Scan# 1152

Delta R.T. -0.000 min

Lab File: BF140398.D

Acq: 15 Nov 2024 12:52

Instrument :

BNA\_F

ClientSampleId :

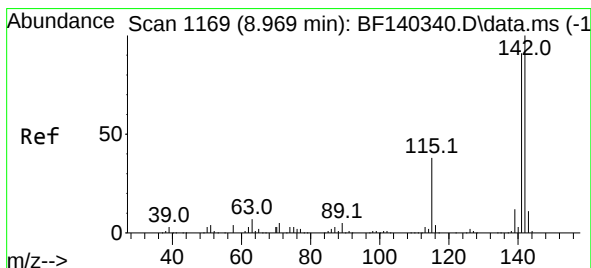
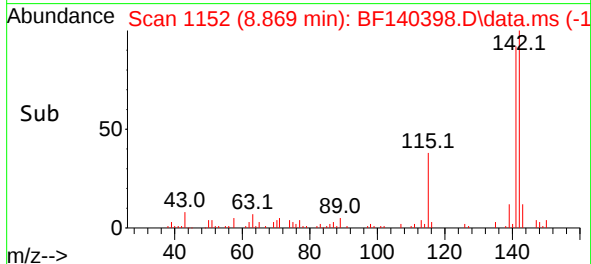
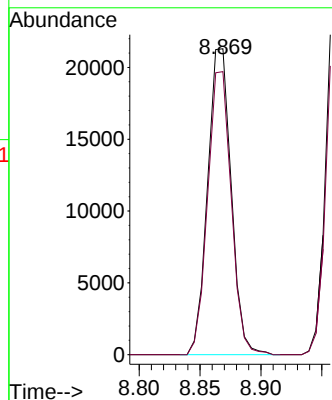
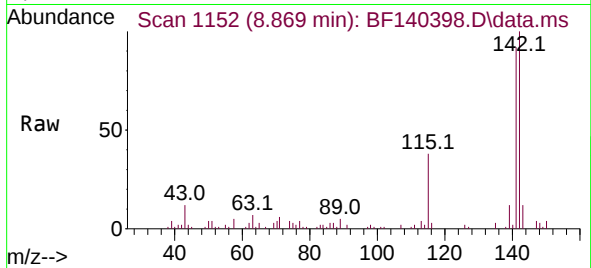
WC-TA2-03-C

Tgt Ion:142 Resp: 28721

Ion Ratio Lower Upper

142 100

141 92.5 70.4 105.6



#38

1-Methylnaphthalene

Concen: 3.290 ng

RT: 8.963 min Scan# 1168

Delta R.T. -0.006 min

Lab File: BF140398.D

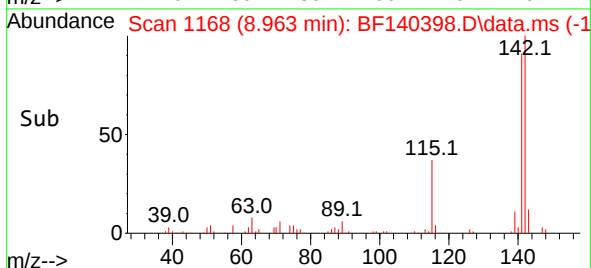
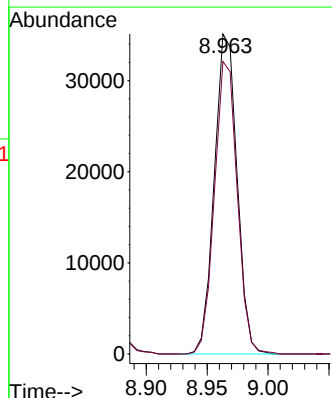
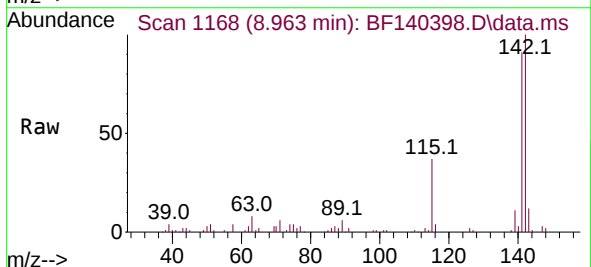
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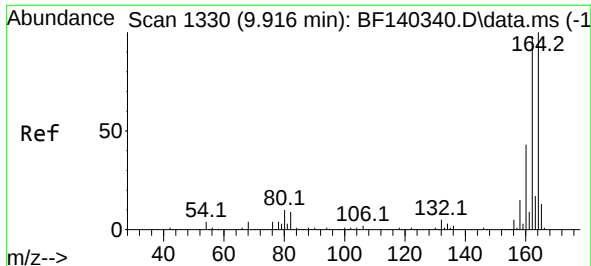
Tgt Ion:142 Resp: 45614

Ion Ratio Lower Upper

142 100

141 91.4 73.6 110.4

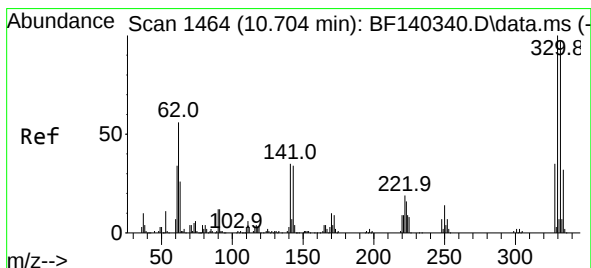
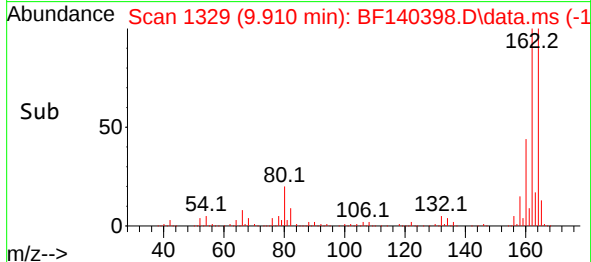
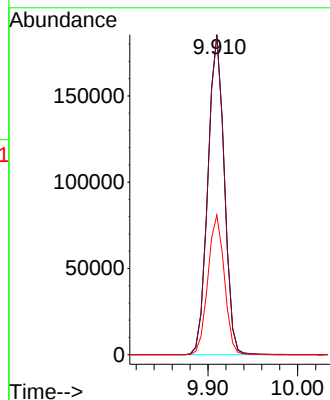
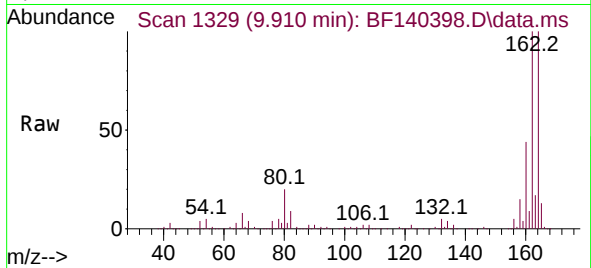




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.910 min Scan# 1  
Delta R.T. -0.006 min  
Lab File: BF140398.D  
Acq: 15 Nov 2024 12:52

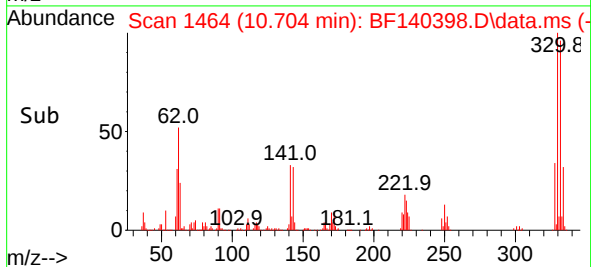
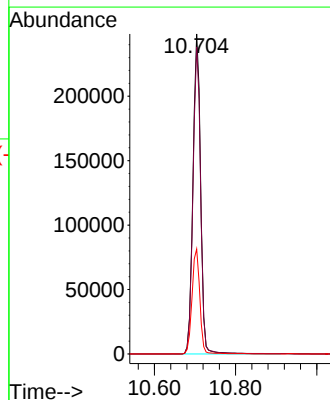
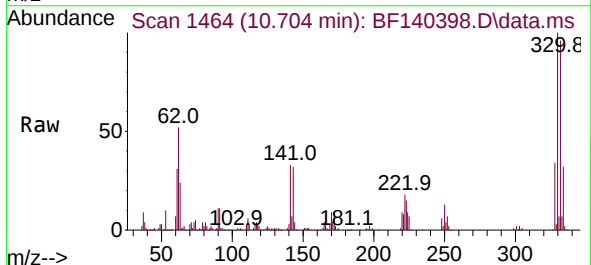
Instrument :  
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WC-TA2-03-C

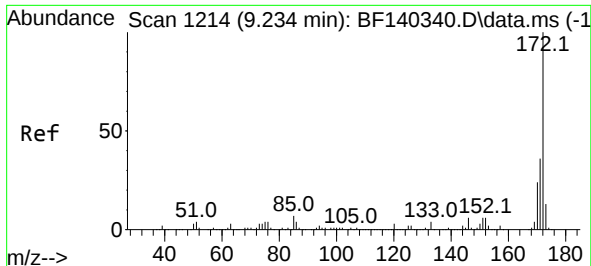
Tgt Ion:164 Resp: 234558  
Ion Ratio Lower Upper  
164 100  
162 99.7 79.8 119.8  
160 43.6 35.4 53.0



#42  
2,4,6-Tribromophenol  
Concen: 139.984 ng  
RT: 10.704 min Scan# 1464  
Delta R.T. -0.000 min  
Lab File: BF140398.D  
Acq: 15 Nov 2024 12:52

Tgt Ion:330 Resp: 326513  
Ion Ratio Lower Upper  
330 100  
332 95.8 75.9 113.9  
141 33.4 26.9 40.3

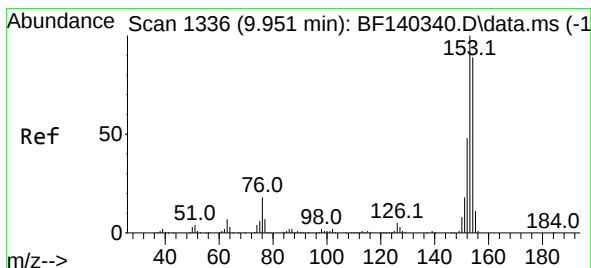
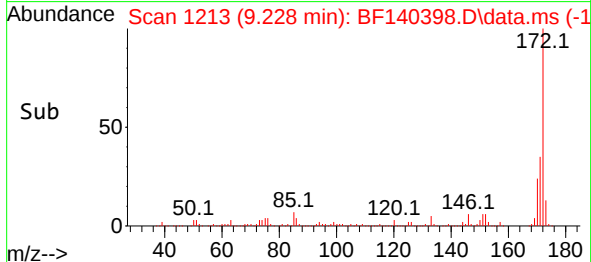
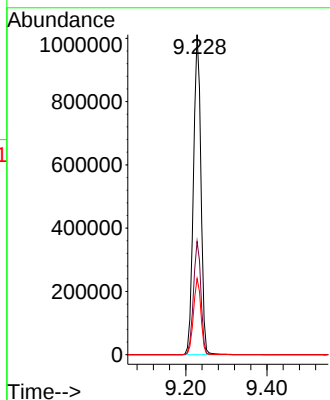
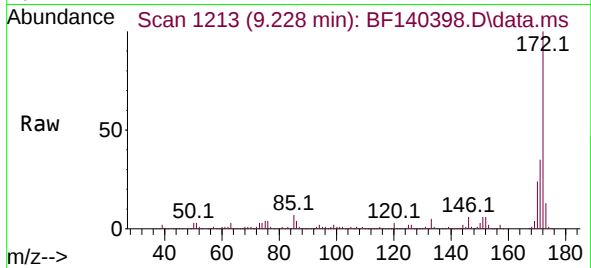




#45  
2-Fluorobiphenyl  
Concen: 89.385 ng  
RT: 9.228 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF140398.D  
Acq: 15 Nov 2024 12:52

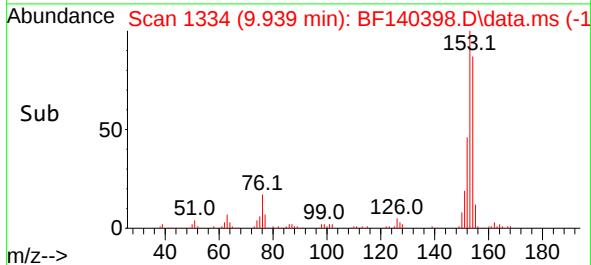
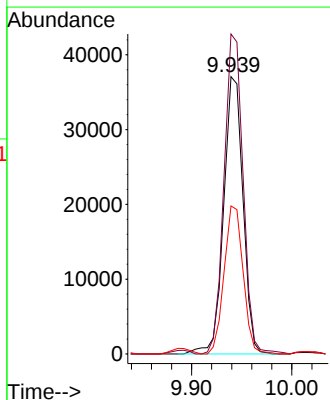
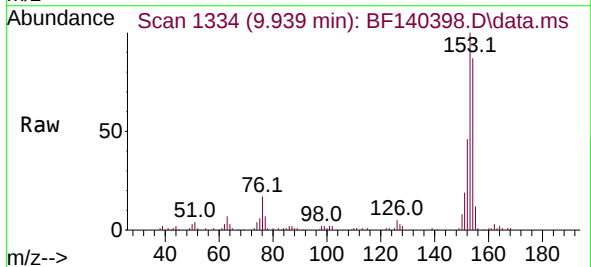
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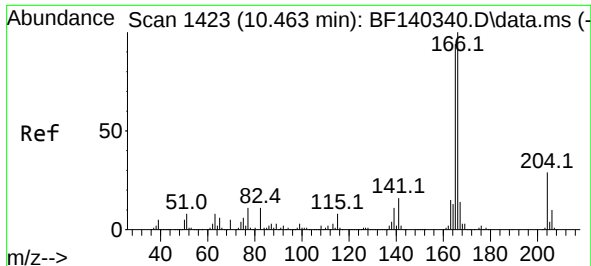
Tgt Ion:172 Resp: 1304219  
Ion Ratio Lower Upper  
172 100  
171 35.4 28.5 42.7  
170 23.8 19.1 28.7



#52  
Acenaphthene  
Concen: 3.725 ng  
RT: 9.939 min Scan# 1334  
Delta R.T. -0.012 min  
Lab File: BF140398.D  
Acq: 15 Nov 2024 12:52

Tgt Ion:154 Resp: 49484  
Ion Ratio Lower Upper  
154 100  
153 115.4 89.8 134.8  
152 53.4 42.6 64.0

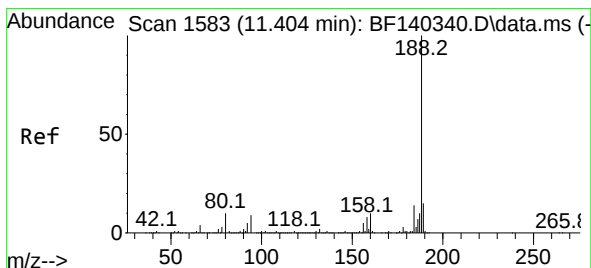
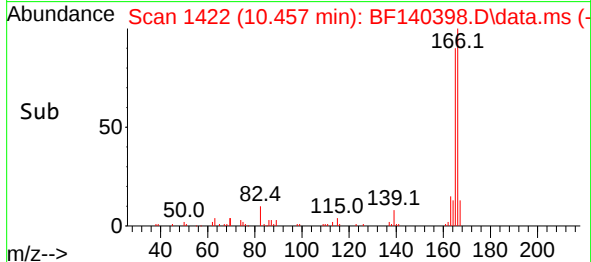
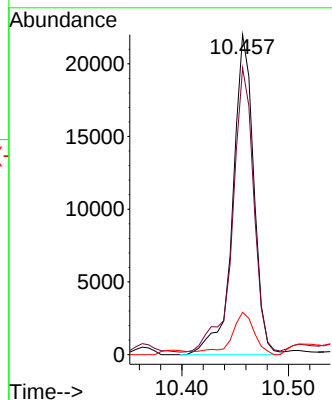
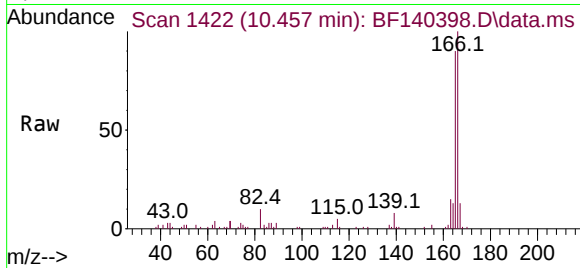




#58  
Fluorene  
Concen: 2.028 ng  
RT: 10.457 min Scan# 1422  
Delta R.T. -0.006 min  
Lab File: BF140398.D  
Acq: 15 Nov 2024 12:52

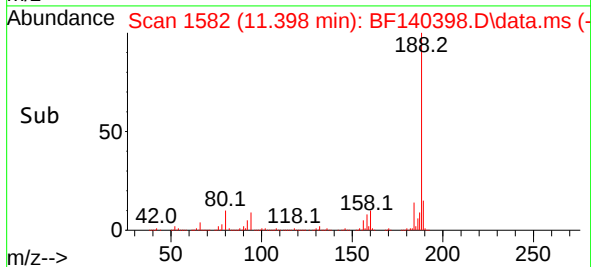
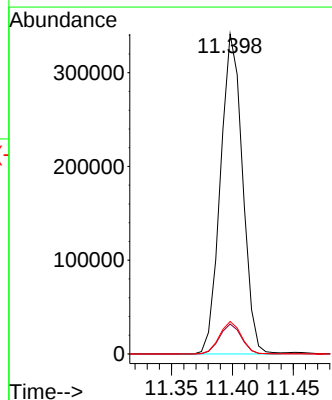
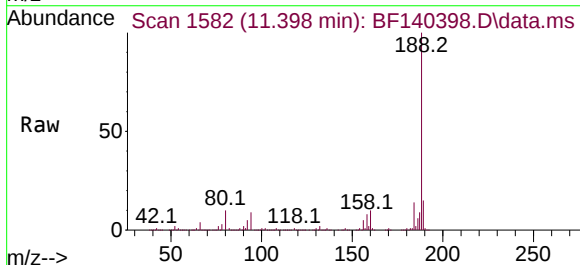
Instrument :  
BNA\_F  
ClientSampleId :  
WC-TA2-03-C

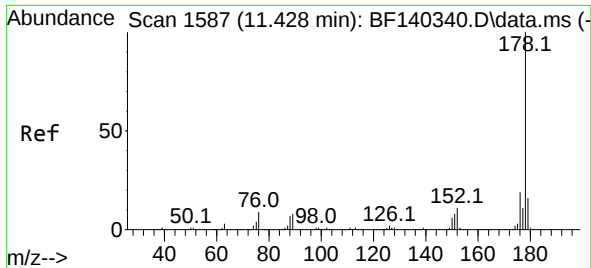
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Ion Ratio Lower Upper  
166 100  
165 89.7 73.9 110.9  
167 13.2 10.9 16.3



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.398 min Scan# 1582  
Delta R.T. -0.006 min  
Lab File: BF140398.D  
Acq: 15 Nov 2024 12:52

Tgt Ion:188 Resp: 431505  
Ion Ratio Lower Upper  
188 100  
94 9.4 7.6 11.4  
80 10.2 8.0 12.0

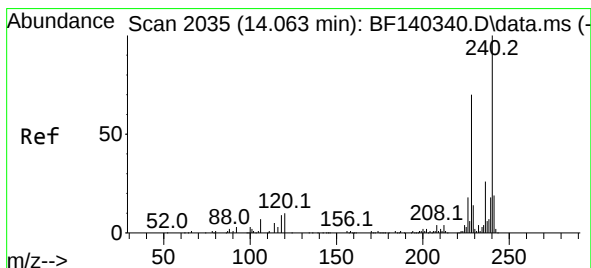
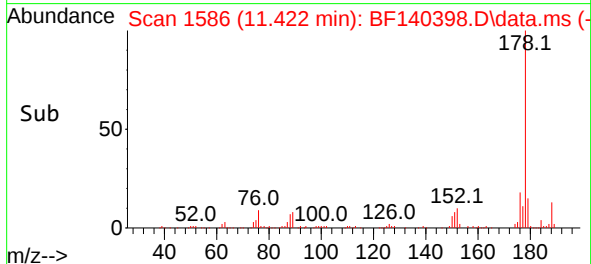
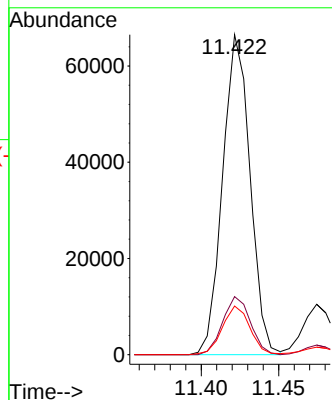
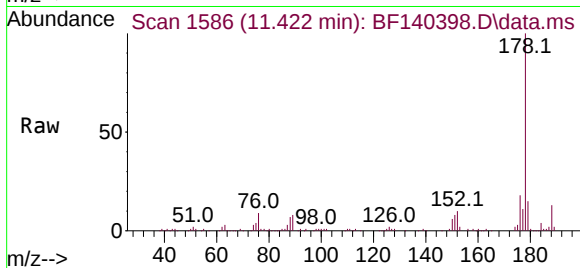




#71  
Phenanthrene  
Concen: 4.041 ng  
RT: 11.422 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF140398.D  
Acq: 15 Nov 2024 12:52

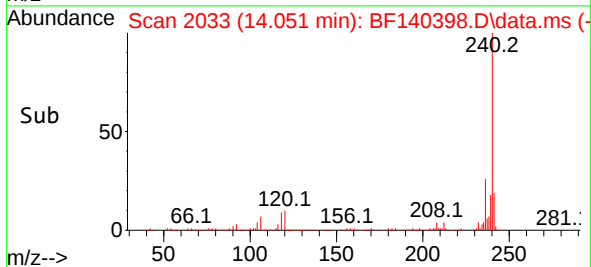
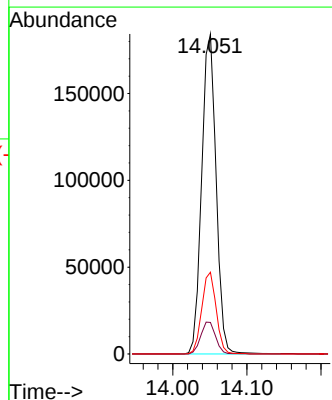
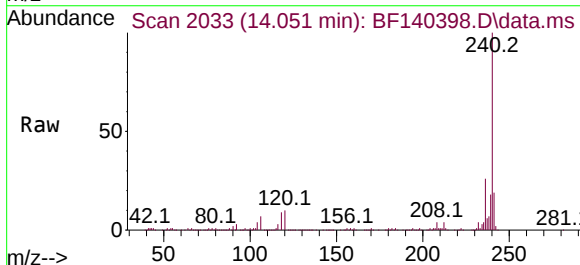
Instrument :  
BNA\_F  
ClientSampleId :  
WC-TA2-03-C

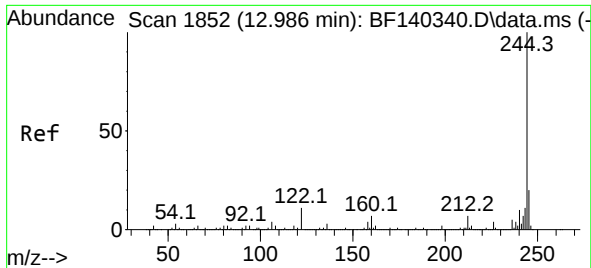
Tgt Ion:178 Resp: 81919  
Ion Ratio Lower Upper  
178 100  
176 18.2 15.5 23.3  
179 15.2 12.4 18.6



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.051 min Scan# 2033  
Delta R.T. -0.000 min  
Lab File: BF140398.D  
Acq: 15 Nov 2024 12:52

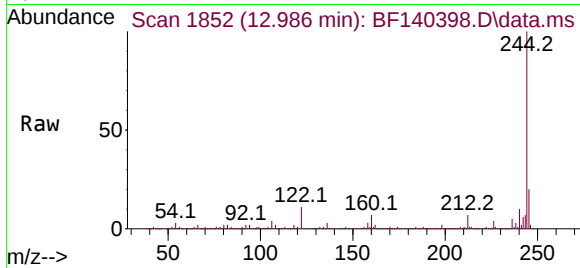
Tgt Ion:240 Resp: 249173  
Ion Ratio Lower Upper  
240 100  
120 9.9 8.8 13.2  
236 25.5 20.9 31.3



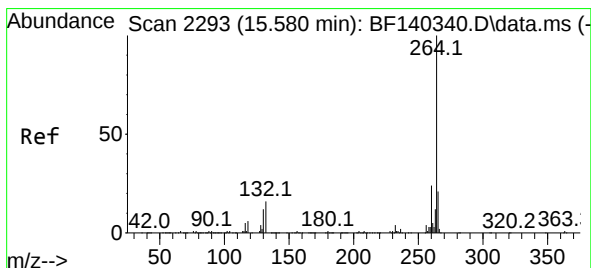
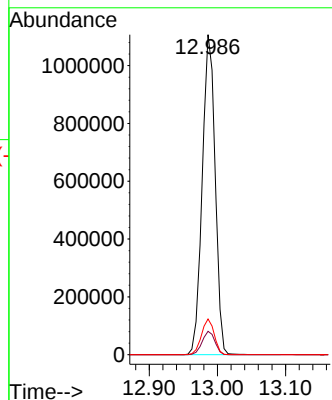
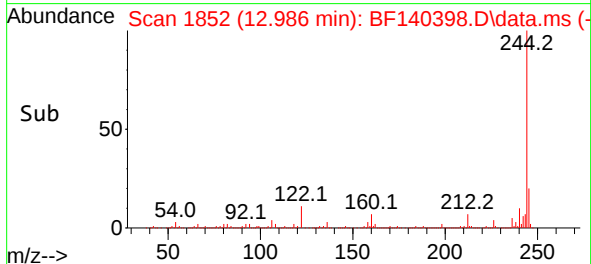


#79  
 Terphenyl-d14  
 Concen: 101.597 ng  
 RT: 12.986 min Scan# 11  
 Delta R.T. -0.000 min  
 Lab File: BF140398.D  
 Acq: 15 Nov 2024 12:52

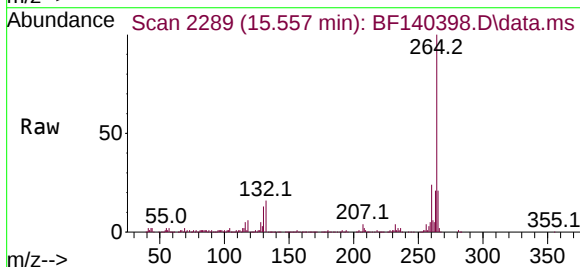
Instrument :  
 BNA\_F  
 ClientSampleId :  
 WC-TA2-03-C



Tgt Ion:244 Resp: 1458423  
 Ion Ratio Lower Upper  
 244 100  
 212 7.3 5.8 8.8  
 122 11.2 8.8 13.2



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.557 min Scan# 2289  
 Delta R.T. -0.000 min  
 Lab File: BF140398.D  
 Acq: 15 Nov 2024 12:52



Tgt Ion:264 Resp: 204971  
 Ion Ratio Lower Upper  
 264 100  
 260 24.1 19.2 28.8  
 265 21.1 17.1 25.7

