

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF052623\  
 Data File : BF133508.D  
 Acq On : 26 May 2023 20:02  
 Operator : CG\JU  
 Sample : 02945-09  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TWP03

Quant Time: May 27 01:11:42 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF052523.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu May 25 23:30:55 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.834  | 152  | 135641   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.122  | 136  | 514593   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.875  | 164  | 244057   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.363 | 188  | 462841   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 14.004 | 240  | 288695   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 15.462 | 264  | 268485   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.445  | 112  | 366195   | 45.044  | ng    | 0.00     |
| 7) Phenol-d6                | 6.451  | 99   | 277584   | 27.737  | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 7.404  | 82   | 813305   | 105.527 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.663 | 330  | 219703   | 90.309  | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.198  | 172  | 1352949  | 85.562  | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.957 | 244  | 1357885  | 83.628  | ng    | 0.00     |

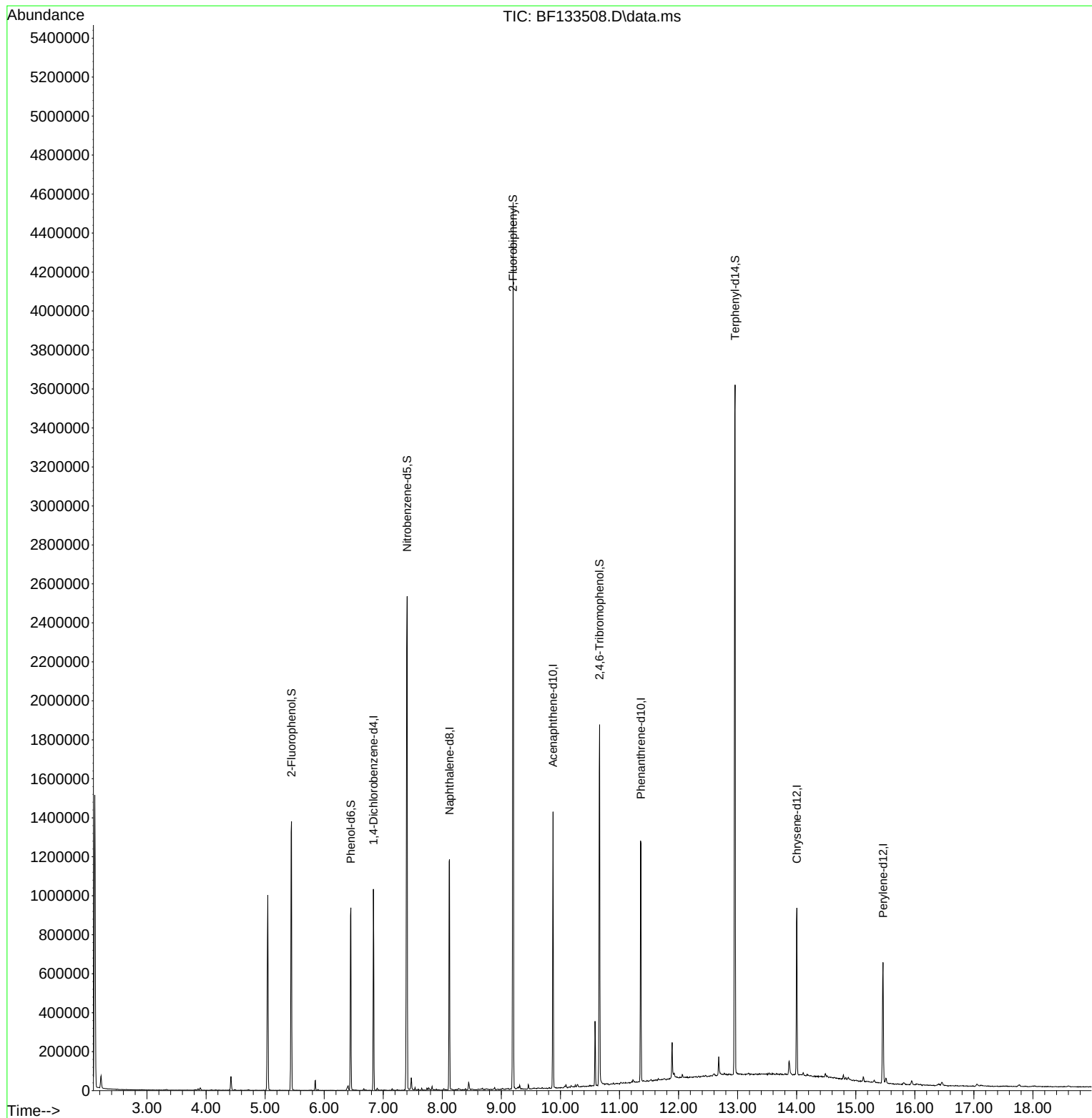
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

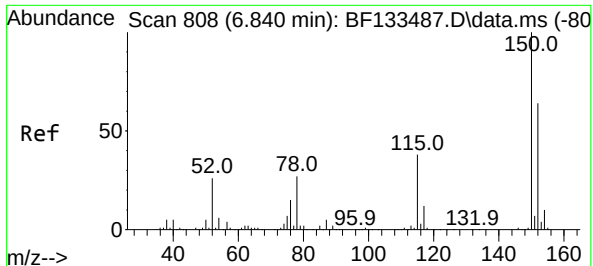
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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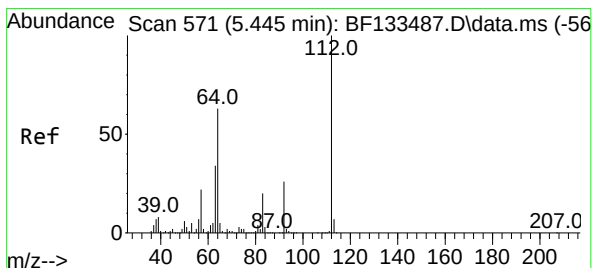
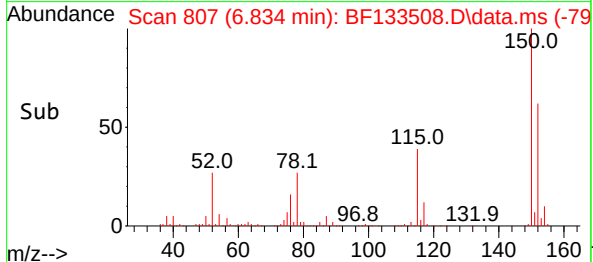
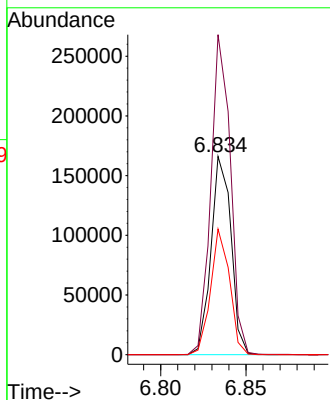
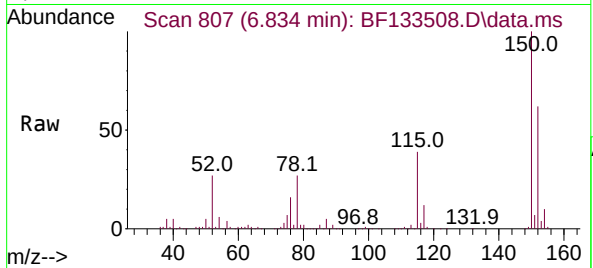




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.834 min Scan# 808  
Delta R.T. -0.006 min  
Lab File: BF133508.D  
Acq: 26 May 2023 20:02

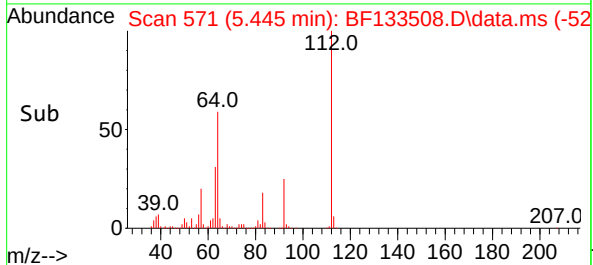
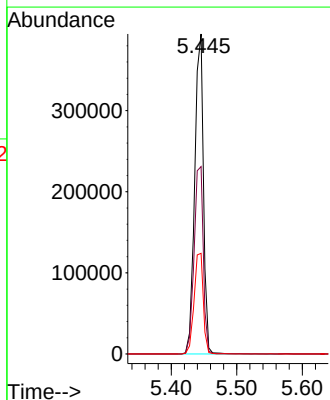
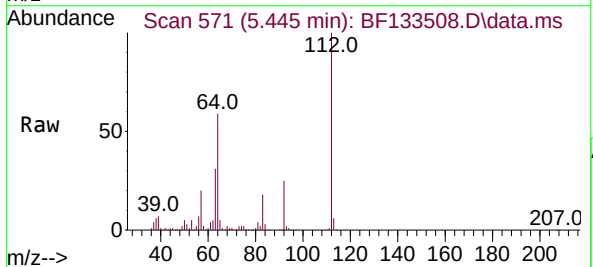
Instrument :  
BNA\_F  
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TWP03

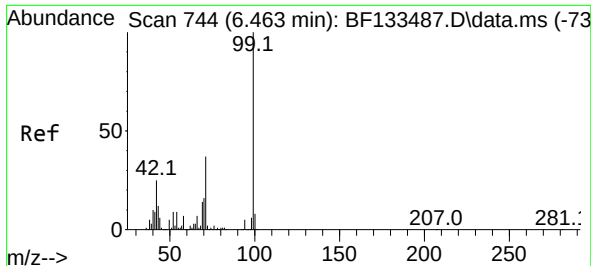
Tgt Ion:152 Resp: 135641  
Ion Ratio Lower Upper  
152 100  
150 161.4 124.9 187.3  
115 63.4 48.1 72.1



#5  
2-Fluorophenol  
Concen: 45.044 ng  
RT: 5.445 min Scan# 571  
Delta R.T. -0.000 min  
Lab File: BF133508.D  
Acq: 26 May 2023 20:02

Tgt Ion:112 Resp: 366195  
Ion Ratio Lower Upper  
112 100  
64 58.6 50.1 75.1  
63 31.5 27.5 41.3

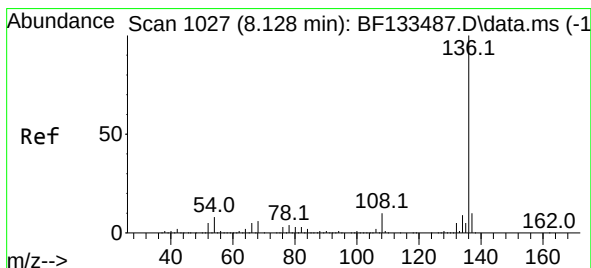
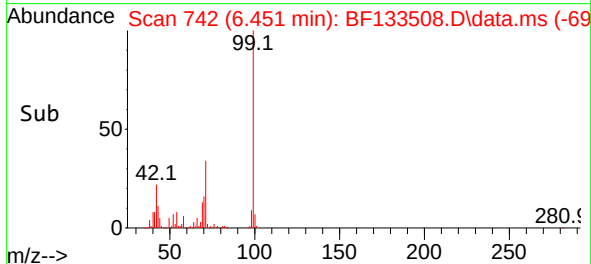
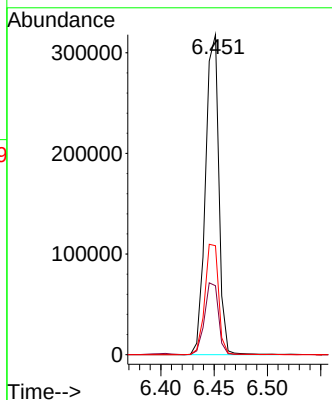
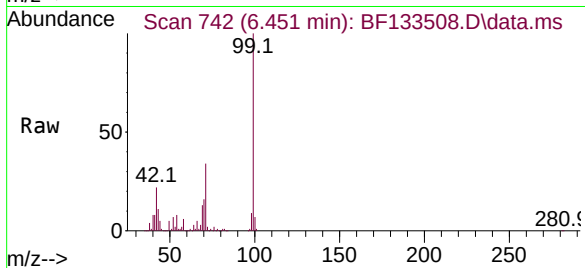




#7  
Phenol-d6  
Concen: 27.737 ng  
RT: 6.451 min Scan# 744  
Delta R.T. -0.012 min  
Lab File: BF133508.D  
Acq: 26 May 2023 20:02

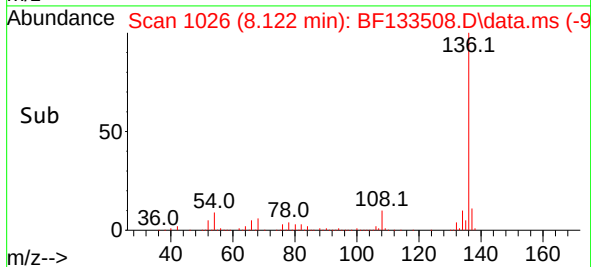
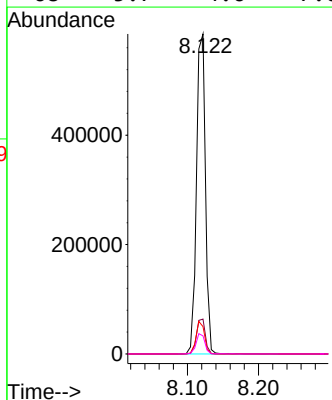
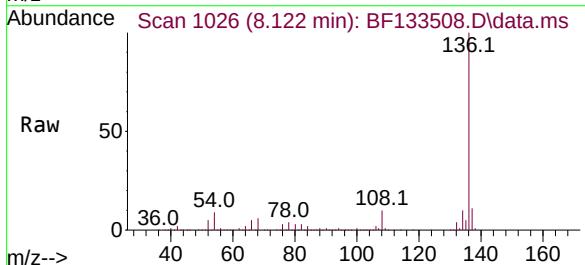
Instrument :  
BNA\_F  
ClientSampleId :  
TWP03

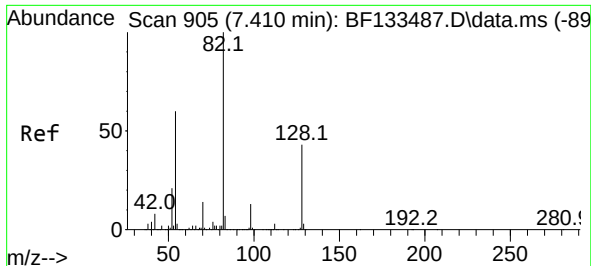
Tgt Ion: 99 Resp: 277584  
Ion Ratio Lower Upper  
99 100  
42 21.5 19.7 29.5  
71 34.1 29.8 44.8



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.122 min Scan# 1026  
Delta R.T. -0.006 min  
Lab File: BF133508.D  
Acq: 26 May 2023 20:02

Tgt Ion: 136 Resp: 514593  
Ion Ratio Lower Upper  
136 100  
137 10.9 8.2 12.4  
54 8.6 6.6 10.0  
68 5.7 4.6 7.0





#23

Nitrobenzene-d5

Concen: 105.527 ng

RT: 7.404 min Scan# 905

Delta R.T. -0.006 min

Lab File: BF133508.D

Acq: 26 May 2023 20:02

Instrument :

BNA\_F

ClientSampleId :

TWP03

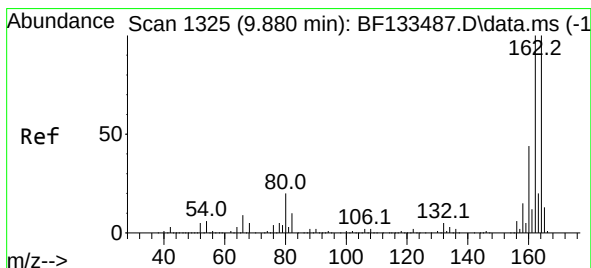
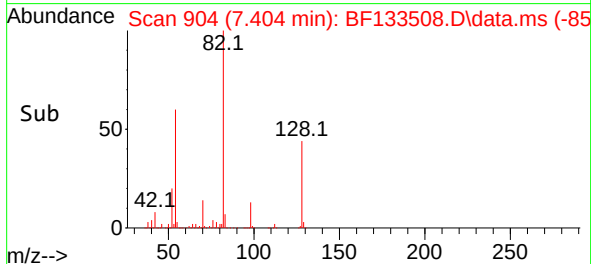
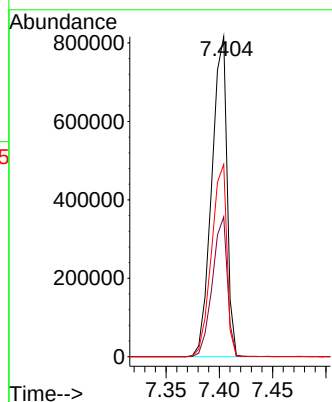
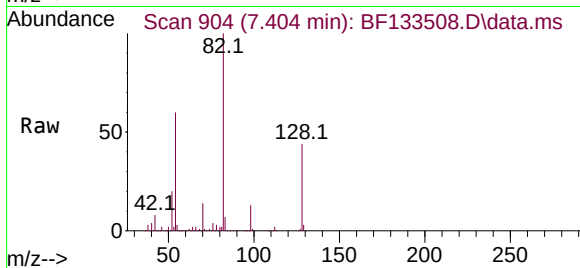
Tgt Ion: 82 Resp: 813305

Ion Ratio Lower Upper

82 100

128 43.7 34.2 51.4

54 60.1 48.2 72.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.875 min Scan# 1324

Delta R.T. -0.006 min

Lab File: BF133508.D

Acq: 26 May 2023 20:02

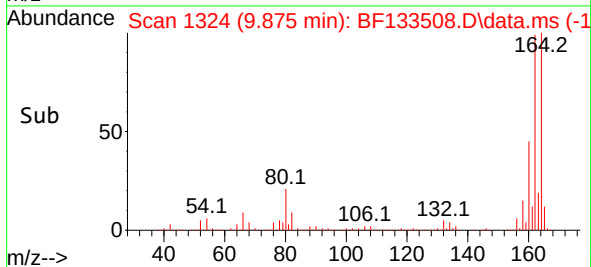
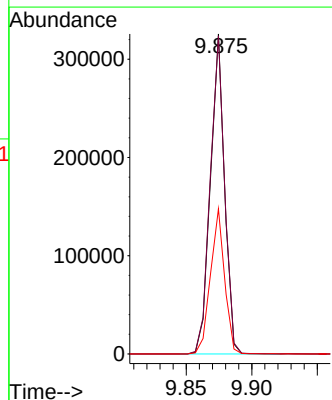
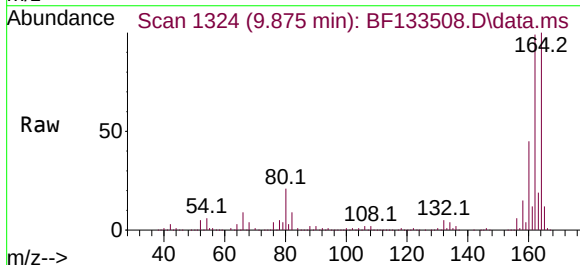
Tgt Ion: 164 Resp: 244057

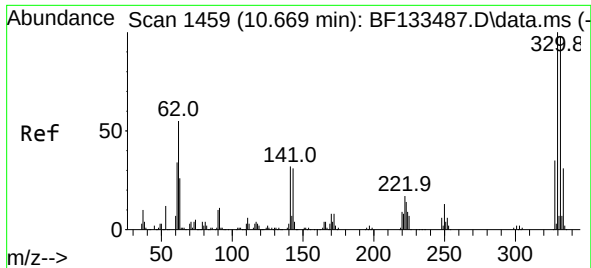
Ion Ratio Lower Upper

164 100

162 99.4 79.7 119.5

160 45.4 35.4 53.0

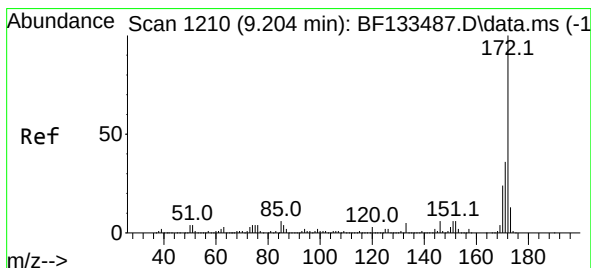
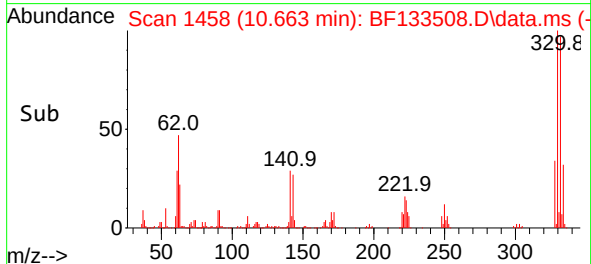
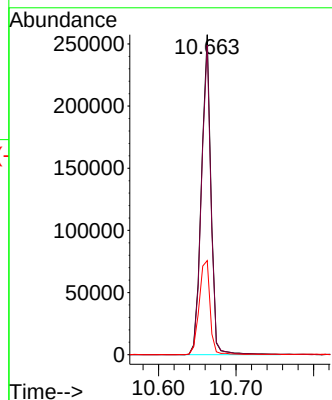
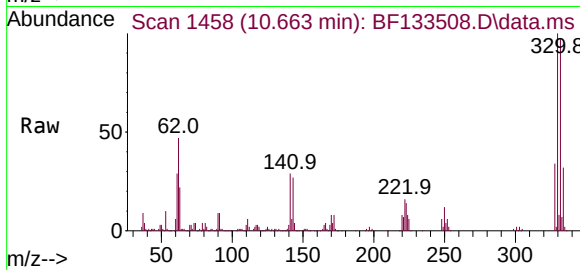




#42  
2,4,6-Tribromophenol  
Concen: 90.309 ng  
RT: 10.663 min Scan# 1459  
Delta R.T. -0.006 min  
Lab File: BF133508.D  
Acq: 26 May 2023 20:02

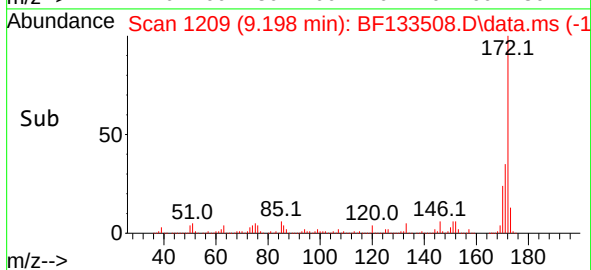
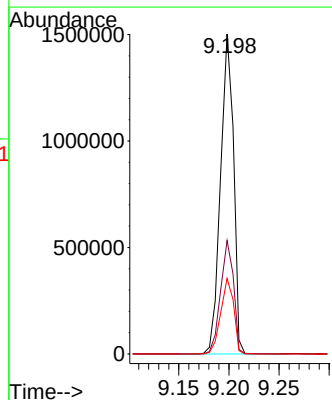
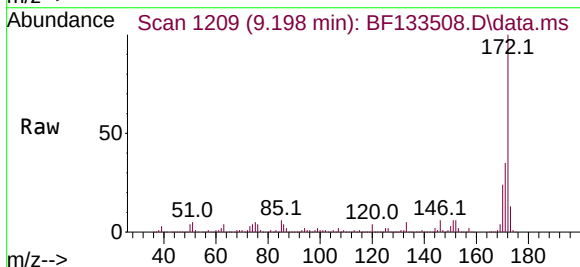
Instrument :  
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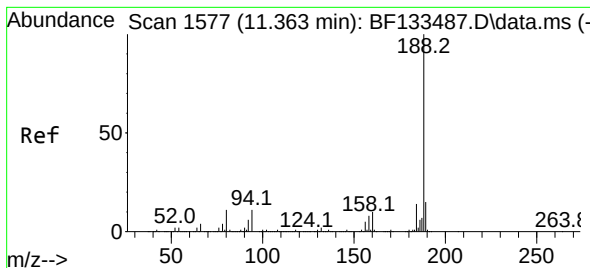
Tgt Ion:330 Resp: 219703  
Ion Ratio Lower Upper  
330 100  
332 96.9 77.8 116.6  
141 33.7 26.6 40.0



#45  
2-Fluorobiphenyl  
Concen: 85.562 ng  
RT: 9.198 min Scan# 1209  
Delta R.T. -0.006 min  
Lab File: BF133508.D  
Acq: 26 May 2023 20:02

Tgt Ion:172 Resp: 1352949  
Ion Ratio Lower Upper  
172 100  
171 35.5 28.4 42.6  
170 23.6 19.3 28.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.363 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF133508.D

Acq: 26 May 2023 20:02

Instrument :

BNA\_F

ClientSampleId :

TWP03

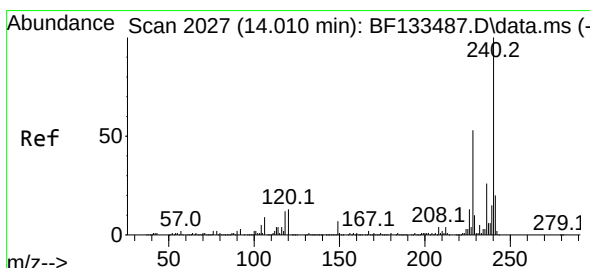
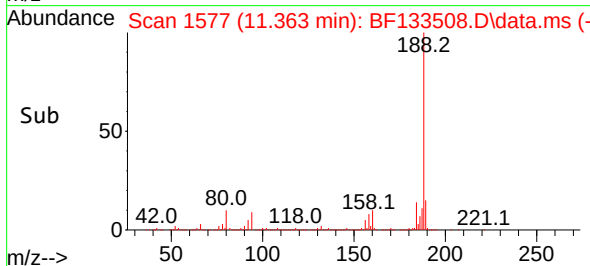
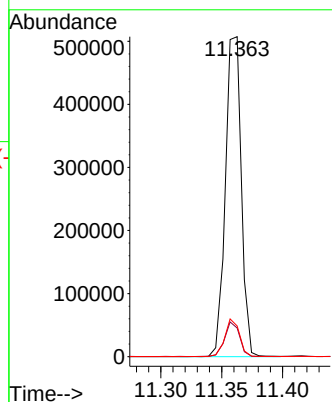
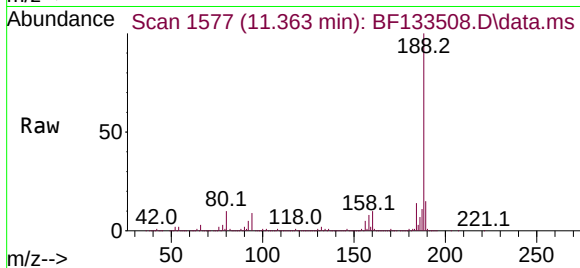
Tgt Ion:188 Resp: 462841

Ion Ratio Lower Upper

188 100

94 9.0 8.6 12.8

80 9.6 9.2 13.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.004 min Scan# 2026

Delta R.T. -0.006 min

Lab File: BF133508.D

Acq: 26 May 2023 20:02

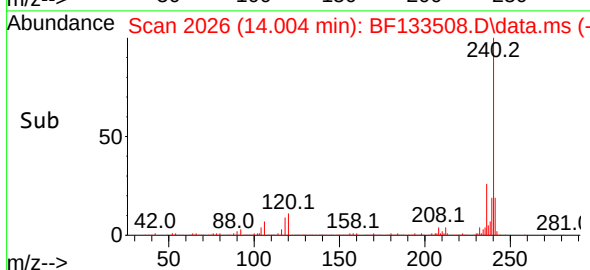
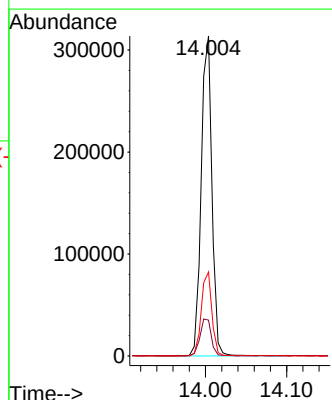
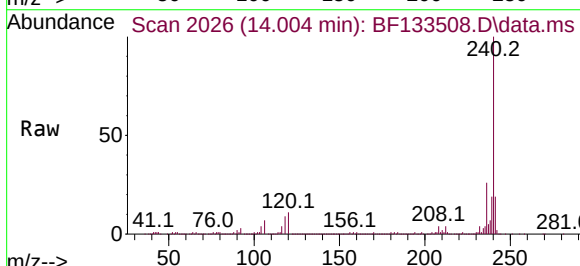
Tgt Ion:240 Resp: 288695

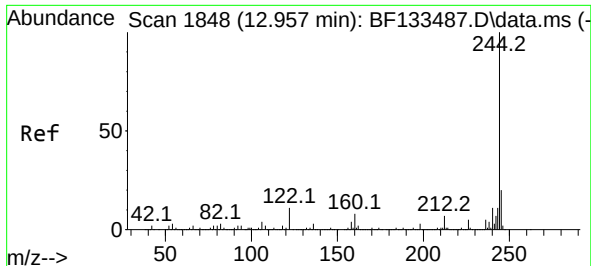
Ion Ratio Lower Upper

240 100

120 11.2 10.3 15.5

236 26.3 20.5 30.7

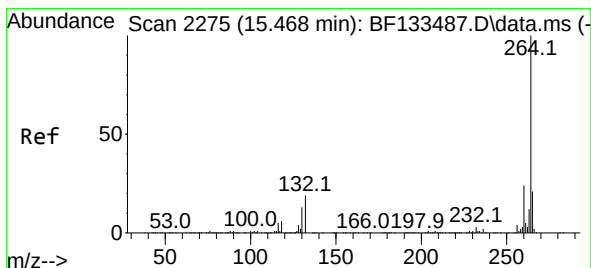
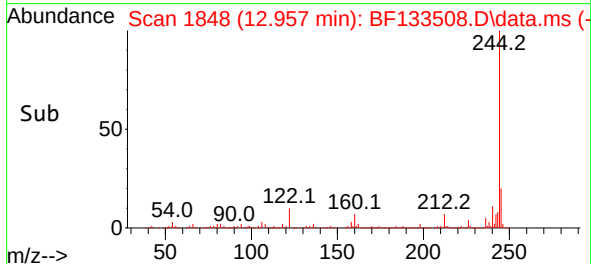
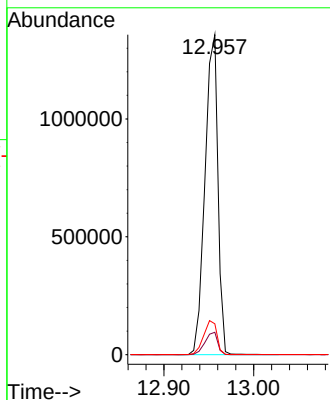
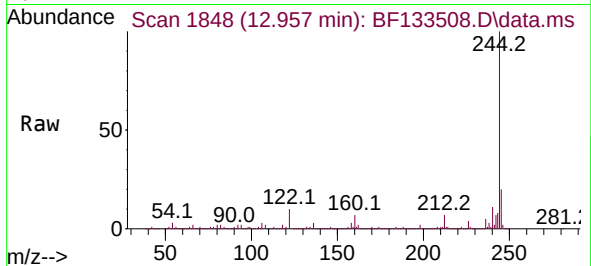




#79  
 Terphenyl-d14  
 Concen: 83.628 ng  
 RT: 12.957 min Scan# 11  
 Delta R.T. -0.000 min  
 Lab File: BF133508.D  
 Acq: 26 May 2023 20:02

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TWP03

Tgt Ion:244 Resp: 1357885  
 Ion Ratio Lower Upper  
 244 100  
 212 7.0 5.8 8.6  
 122 9.7 8.5 12.7



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.462 min Scan# 2274  
 Delta R.T. -0.006 min  
 Lab File: BF133508.D  
 Acq: 26 May 2023 20:02

Tgt Ion:264 Resp: 268485  
 Ion Ratio Lower Upper  
 264 100  
 260 24.3 19.0 28.4  
 265 21.5 16.8 25.2

