

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF052423\  
 Data File : BF133475.D  
 Acq On : 24 May 2023 17:30  
 Operator : CG\JU  
 Sample : 02894-05  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-50A

Quant Time: May 24 17:49:23 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF052323.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed May 24 02:41:39 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.839  | 152  | 98574    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.122  | 136  | 383836   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.874  | 164  | 185501   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.363 | 188  | 375321   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 14.004 | 240  | 285163   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 15.456 | 264  | 223722   | 20.000  | ng    | -0.01    |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.451  | 112  | 708021   | 117.410 | ng    | 0.00     |
| 7) Phenol-d6                | 6.463  | 99   | 802828   | 110.746 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.404  | 82   | 569485   | 102.574 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.663 | 330  | 261510   | 152.611 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.198  | 172  | 1069006  | 81.078  | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.957 | 244  | 1378021  | 92.391  | ng    | 0.00     |

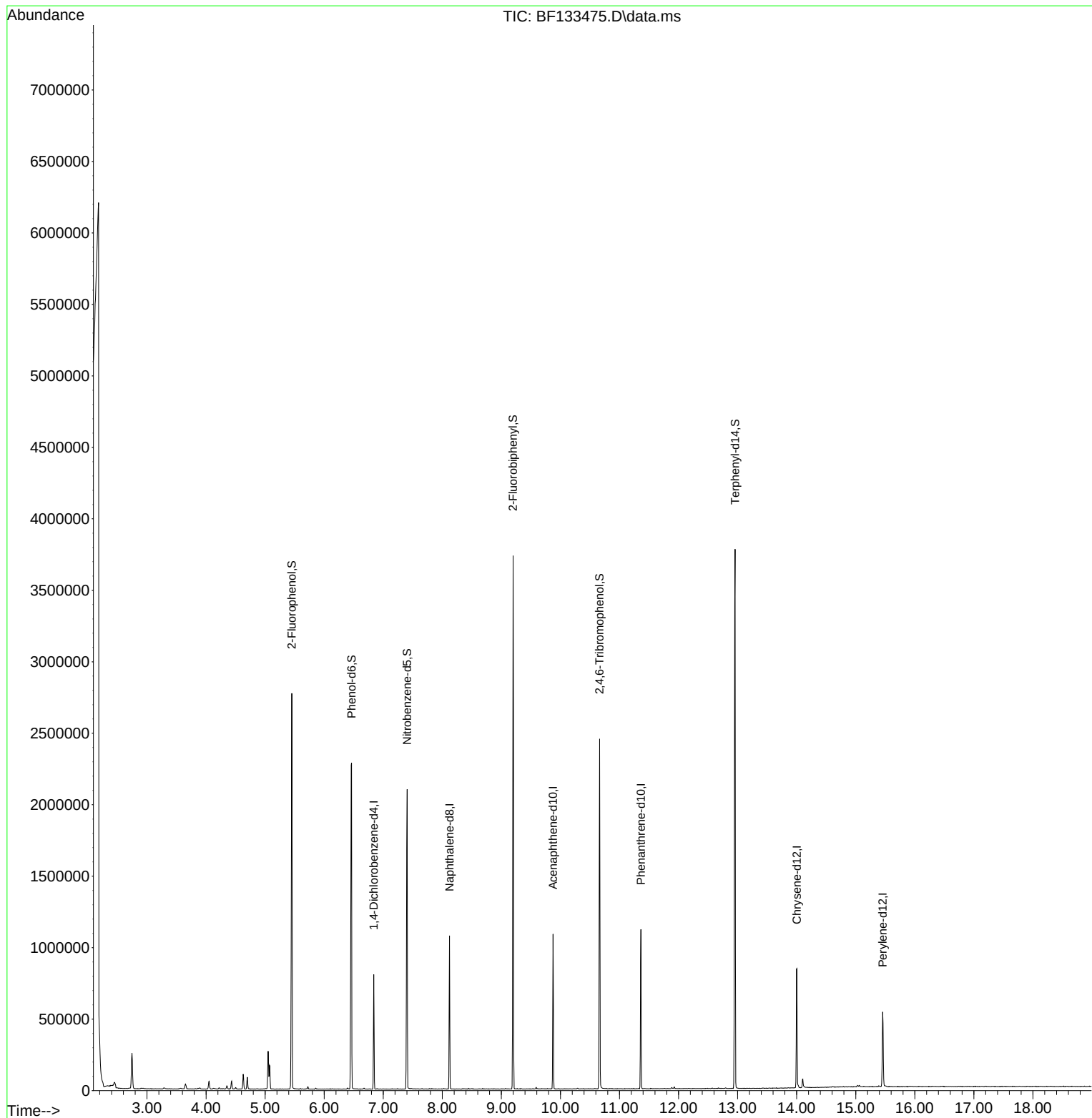
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

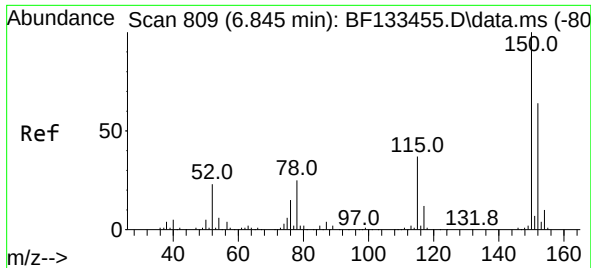
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
TP-50A

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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF052323.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed May 24 02:41:39 2023  
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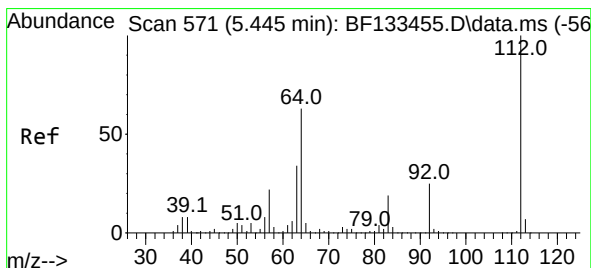
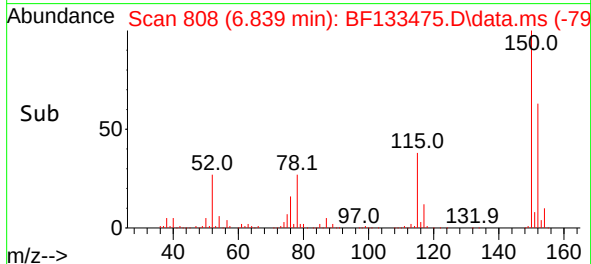
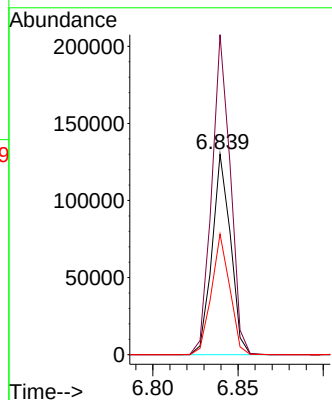
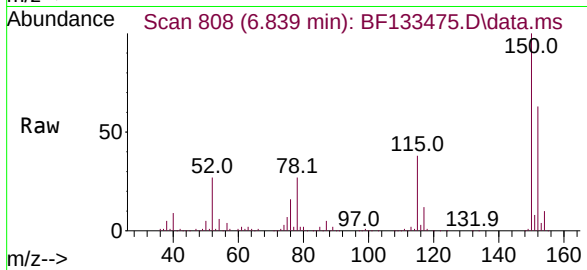




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.839 min Scan# 809  
 Delta R.T. -0.006 min  
 Lab File: BF133475.D  
 Acq: 24 May 2023 17:30

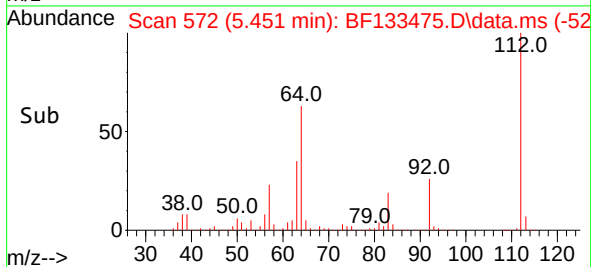
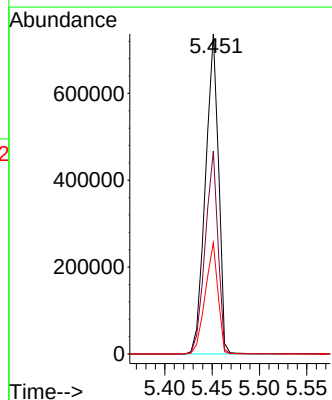
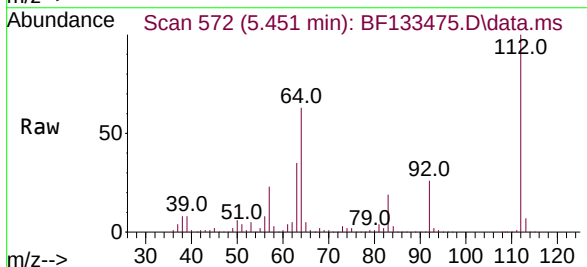
Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-50A

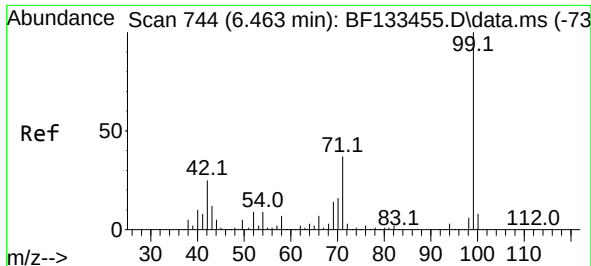
Tgt Ion:152 Resp: 98574  
 Ion Ratio Lower Upper  
 152 100  
 150 159.6 125.6 188.4  
 115 60.2 47.0 70.4



#5  
 2-Fluorophenol  
 Concen: 117.410 ng  
 RT: 5.451 min Scan# 572  
 Delta R.T. 0.006 min  
 Lab File: BF133475.D  
 Acq: 24 May 2023 17:30

Tgt Ion:112 Resp: 708021  
 Ion Ratio Lower Upper  
 112 100  
 64 63.5 50.2 75.4  
 63 34.8 27.2 40.8

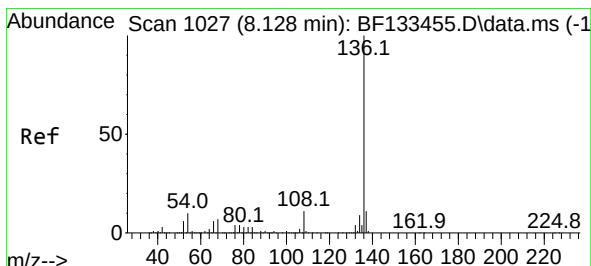
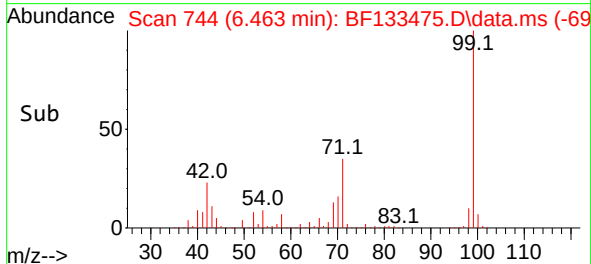
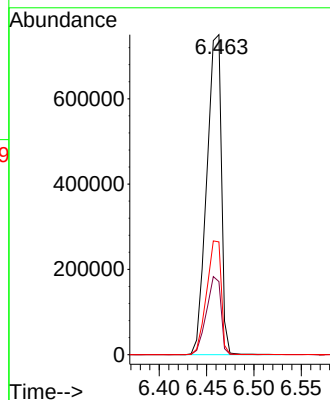
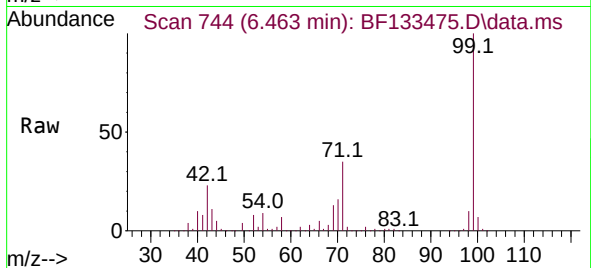




#7  
Phenol-d6  
Concen: 110.746 ng  
RT: 6.463 min Scan# 744  
Delta R.T. -0.000 min  
Lab File: BF133475.D  
Acq: 24 May 2023 17:30

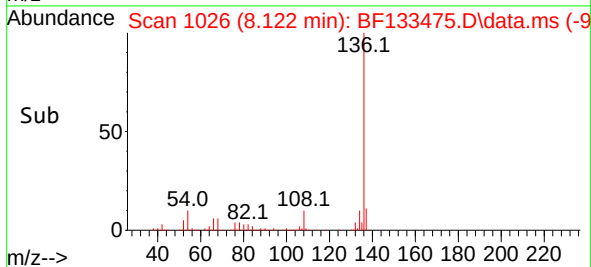
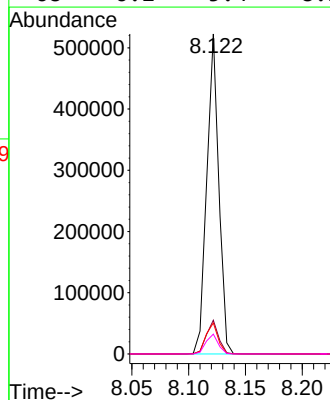
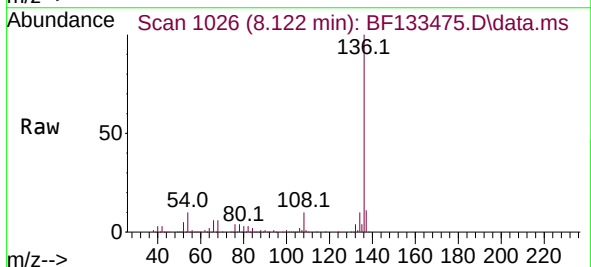
Instrument :  
BNA\_F  
ClientSampleId :  
TP-50A

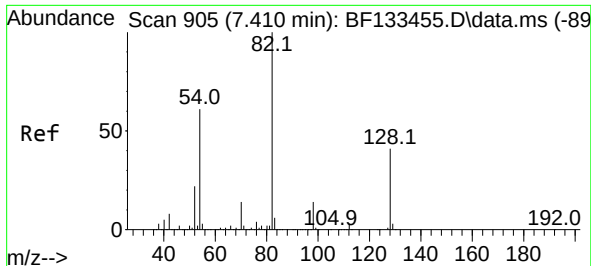
Tgt Ion: 99 Resp: 802828  
Ion Ratio Lower Upper  
99 100  
42 22.9 19.6 29.4  
71 35.3 29.5 44.3



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.122 min Scan# 1026  
Delta R.T. -0.006 min  
Lab File: BF133475.D  
Acq: 24 May 2023 17:30

Tgt Ion: 136 Resp: 383836  
Ion Ratio Lower Upper  
136 100  
137 10.5 8.8 13.2  
54 9.7 8.0 12.0  
68 6.2 5.4 8.2





#23

Nitrobenzene-d5

Concen: 102.574 ng

RT: 7.404 min Scan# 905

Delta R.T. -0.006 min

Lab File: BF133475.D

Acq: 24 May 2023 17:30

Instrument :

BNA\_F

ClientSampleId :

TP-50A

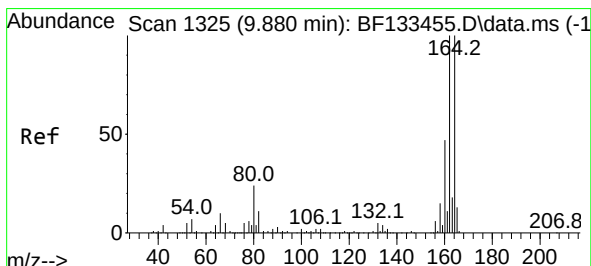
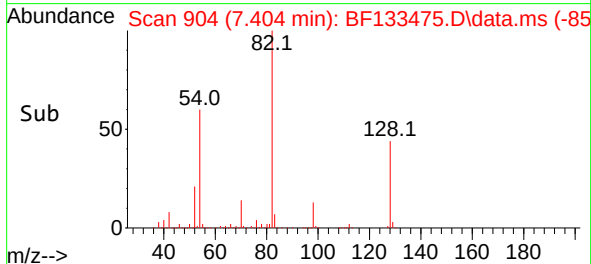
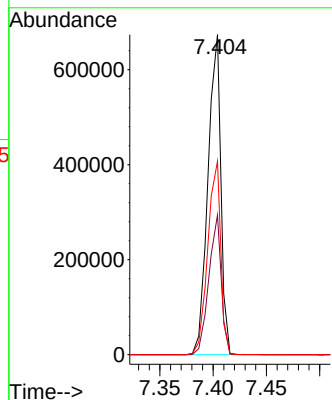
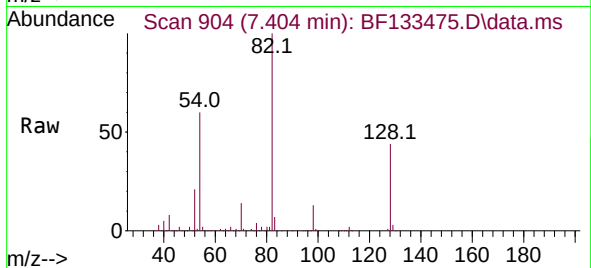
Tgt Ion: 82 Resp: 569485

Ion Ratio Lower Upper

82 100

128 43.7 33.0 49.6

54 60.5 48.5 72.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.874 min Scan# 1324

Delta R.T. -0.006 min

Lab File: BF133475.D

Acq: 24 May 2023 17:30

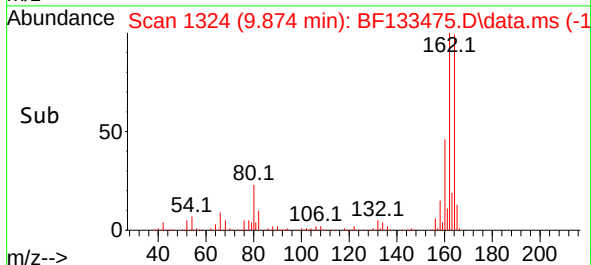
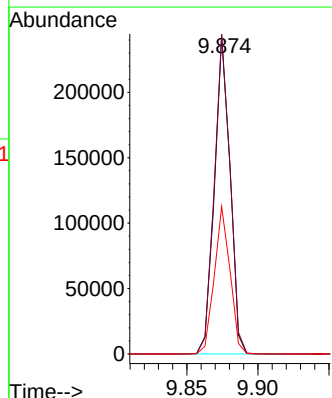
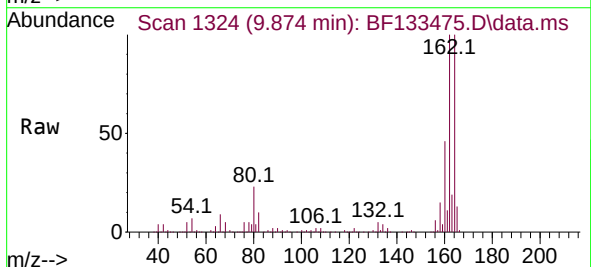
Tgt Ion:164 Resp: 185501

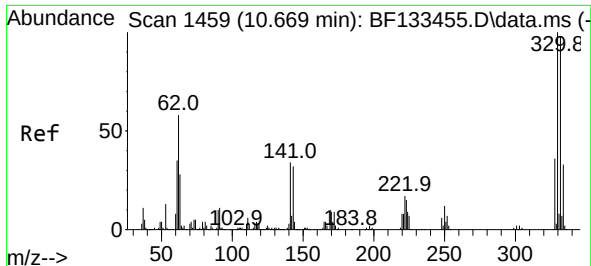
Ion Ratio Lower Upper

164 100

162 100.5 79.8 119.6

160 46.3 37.4 56.0





#42

2,4,6-Tribromophenol

Concen: 152.611 ng

RT: 10.663 min Scan# 1459

Delta R.T. -0.006 min

Lab File: BF133475.D

Acq: 24 May 2023 17:30

Instrument :

BNA\_F

ClientSampleId :

TP-50A

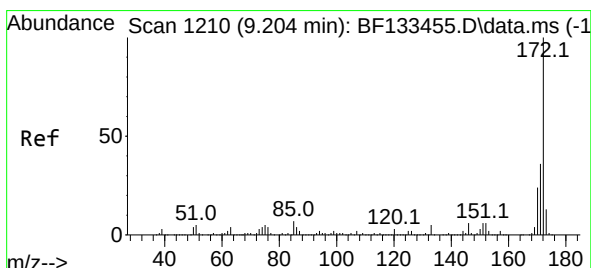
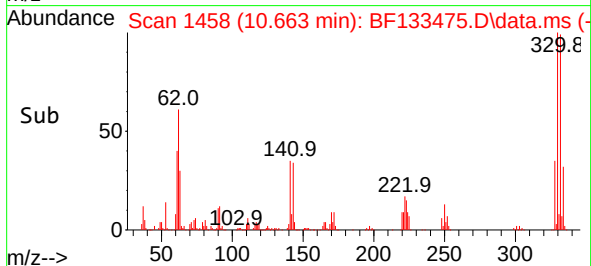
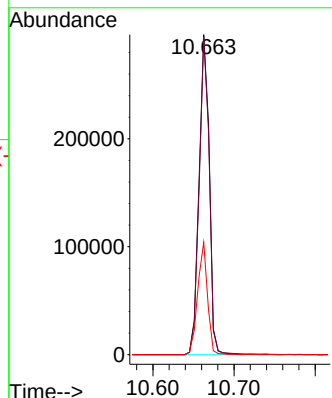
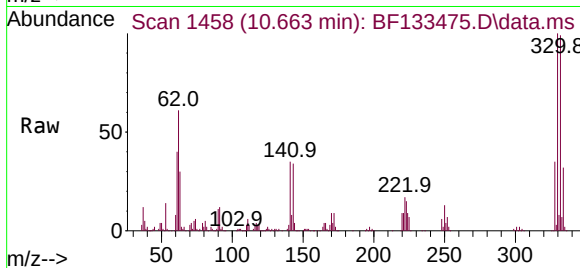
Tgt Ion:330 Resp: 261510

Ion Ratio Lower Upper

330 100

332 97.0 77.0 115.6

141 33.7 28.5 42.7



#45

2-Fluorobiphenyl

Concen: 81.078 ng

RT: 9.198 min Scan# 1209

Delta R.T. -0.006 min

Lab File: BF133475.D

Acq: 24 May 2023 17:30

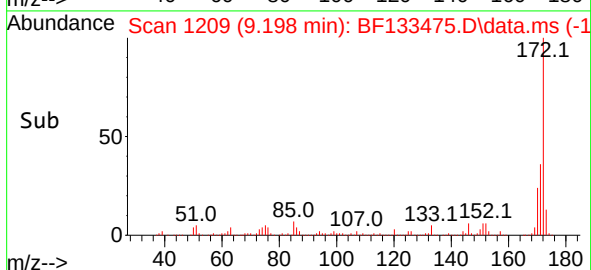
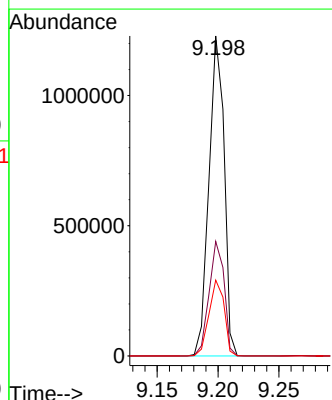
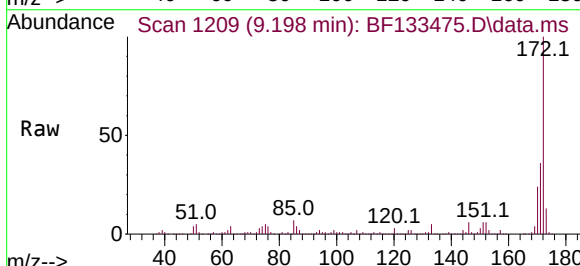
Tgt Ion:172 Resp: 1069006

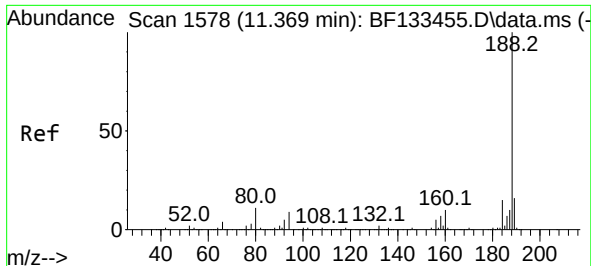
Ion Ratio Lower Upper

172 100

171 35.8 28.5 42.7

170 23.7 19.0 28.4

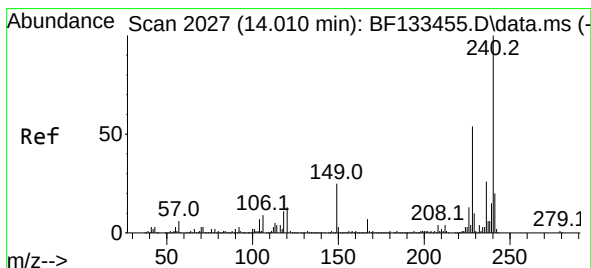
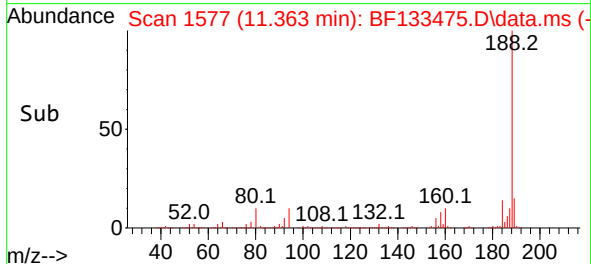
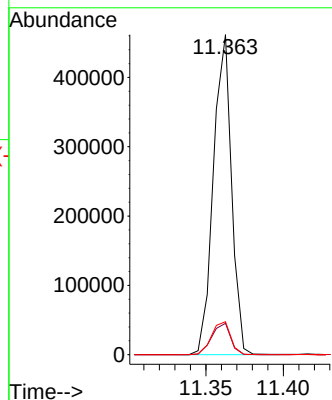
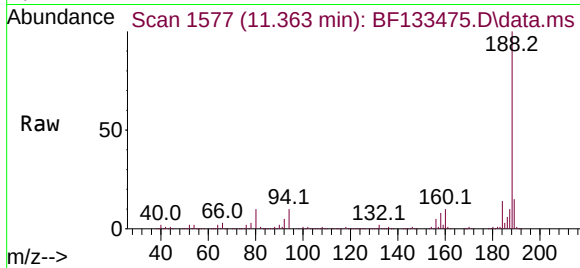




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.363 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF133475.D  
Acq: 24 May 2023 17:30

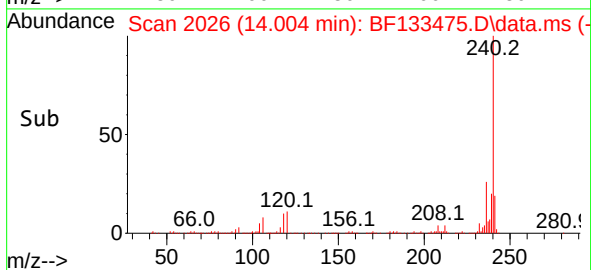
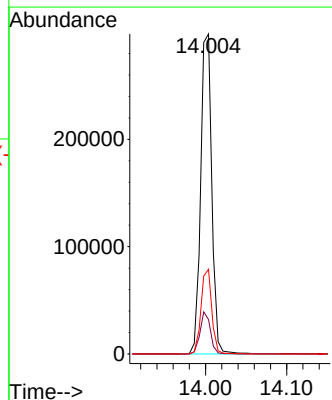
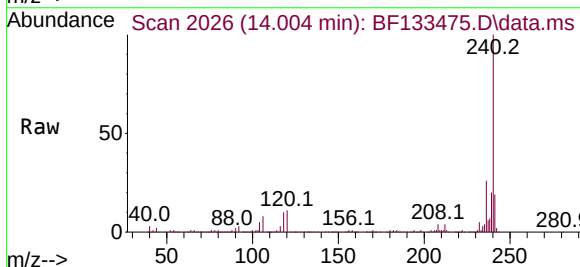
Instrument :  
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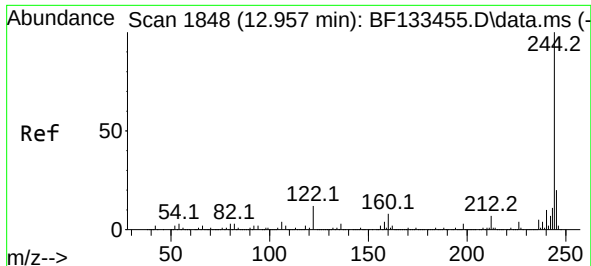
Tgt Ion:188 Resp: 375321  
Ion Ratio Lower Upper  
188 100  
94 9.8 7.5 11.3  
80 10.3 8.7 13.1



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.004 min Scan# 2026  
Delta R.T. -0.006 min  
Lab File: BF133475.D  
Acq: 24 May 2023 17:30

Tgt Ion:240 Resp: 285163  
Ion Ratio Lower Upper  
240 100  
120 10.7 10.2 15.4  
236 26.5 20.9 31.3

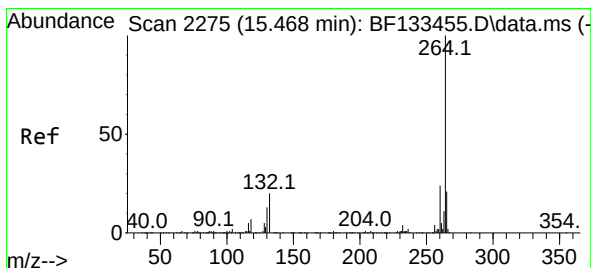
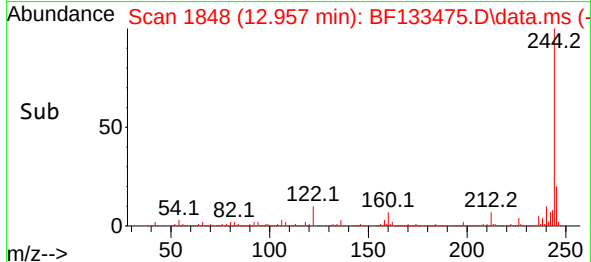
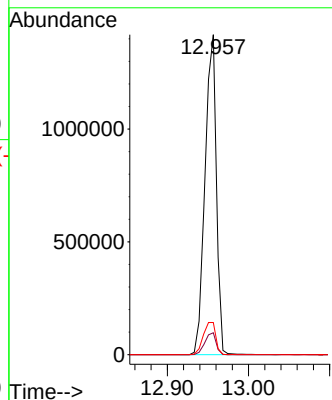
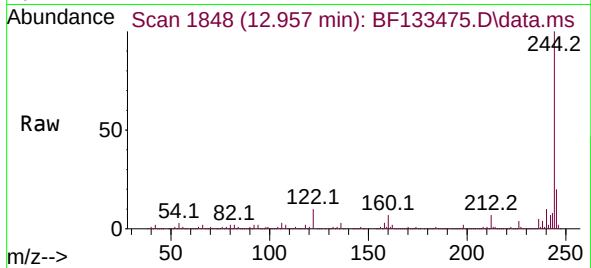




#79  
 Terphenyl-d14  
 Concen: 92.391 ng  
 RT: 12.957 min Scan# 11  
 Delta R.T. -0.000 min  
 Lab File: BF133475.D  
 Acq: 24 May 2023 17:30

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-50A

Tgt Ion:244 Resp: 1378021  
 Ion Ratio Lower Upper  
 244 100  
 212 6.8 5.6 8.4  
 122 10.1 9.4 14.0



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.456 min Scan# 2273  
 Delta R.T. -0.012 min  
 Lab File: BF133475.D  
 Acq: 24 May 2023 17:30

Tgt Ion:264 Resp: 223722  
 Ion Ratio Lower Upper  
 264 100  
 260 24.1 18.8 28.2  
 265 22.1 17.0 25.4

