

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF062923\  
 Data File : BF134029.D  
 Acq On : 29 Jun 2023 10:50  
 Operator : CG\JU  
 Sample : PB153792BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB153792BL

Quant Time: Jun 29 12:47:58 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF062623.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jun 26 23:12:04 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.845  | 152  | 110010   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.127  | 136  | 430166   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.886  | 164  | 219882   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.380 | 188  | 423467   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 14.039 | 240  | 228596   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 15.545 | 264  | 211086   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.498  | 112  | 839251   | 127.613 | ng    | 0.02     |
| 7) Phenol-d6                | 6.486  | 99   | 997266   | 123.305 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.410  | 82   | 700422   | 87.772  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.680 | 330  | 337261   | 122.334 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.204  | 172  | 1284593  | 84.939  | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.980 | 244  | 1384815  | 97.497  | ng    | 0.00     |

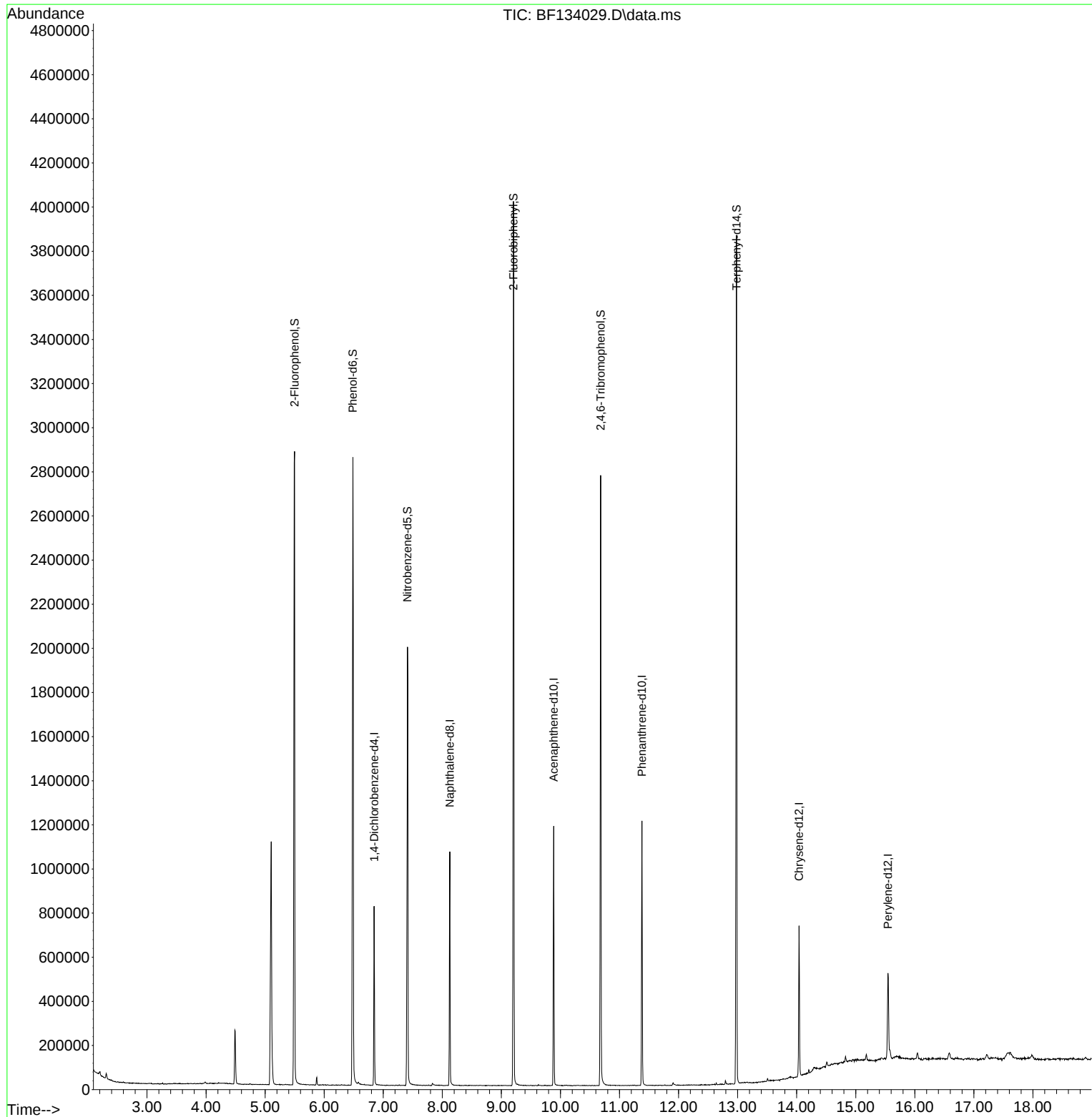
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

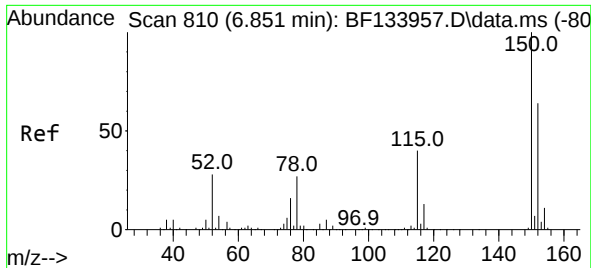
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF062923\  
Data File : BF134029.D  
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Misc :  
ALS Vial : 3 Sample Multiplier: 1

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BNA\_F  
ClientSampleId :  
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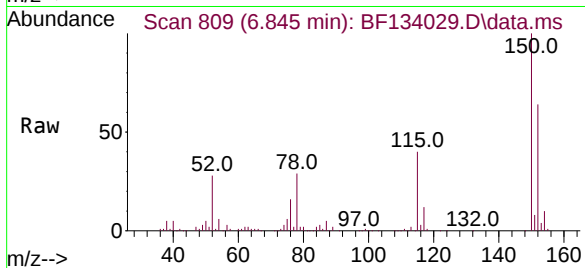
Quant Time: Jun 29 12:47:58 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF062623.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Jun 26 23:12:04 2023  
Response via : Initial Calibration



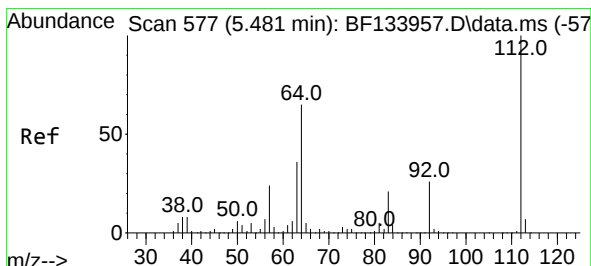
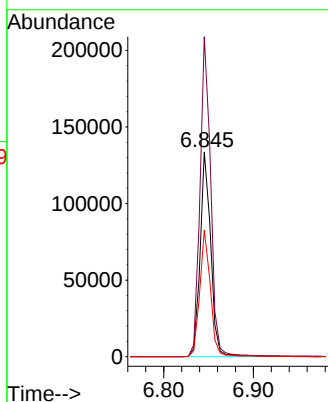
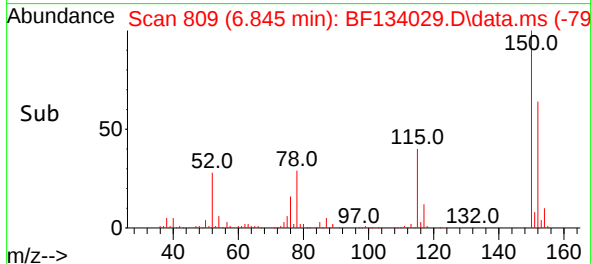


#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.845 min Scan# 80  
Delta R.T. -0.006 min  
Lab File: BF134029.D  
Acq: 29 Jun 2023 10:50

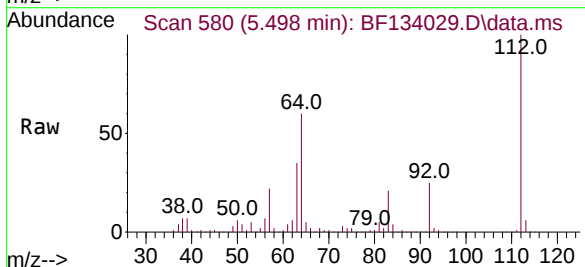
Instrument :  
BNA\_F  
ClientSampleId :  
PB153792BL



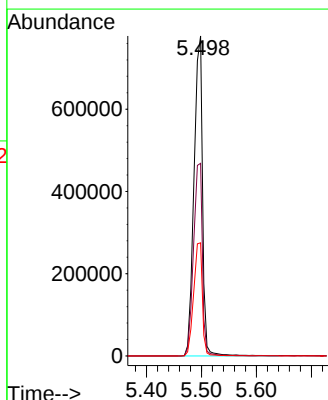
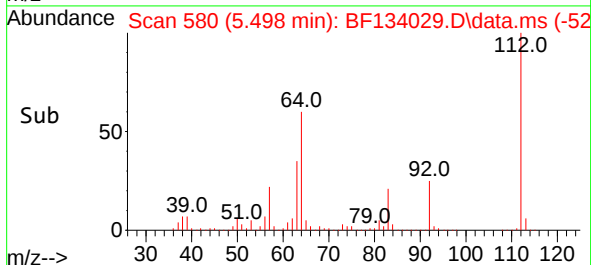
Tgt Ion:152 Resp: 110010  
Ion Ratio Lower Upper  
152 100  
150 156.3 124.5 186.7  
115 61.9 50.2 75.2

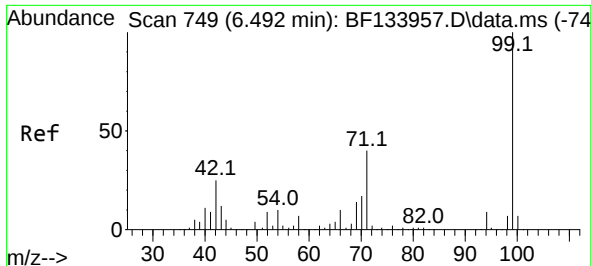


#5  
2-Fluorophenol  
Concen: 127.613 ng  
RT: 5.498 min Scan# 580  
Delta R.T. 0.018 min  
Lab File: BF134029.D  
Acq: 29 Jun 2023 10:50



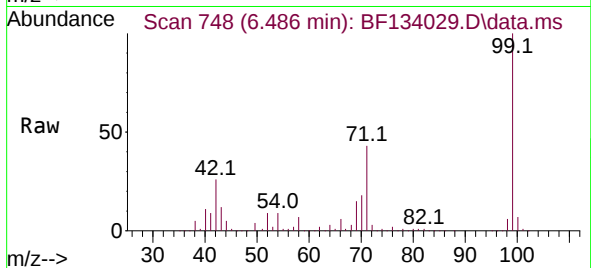
Tgt Ion:112 Resp: 839251  
Ion Ratio Lower Upper  
112 100  
64 60.2 52.1 78.1  
63 35.4 28.6 42.8





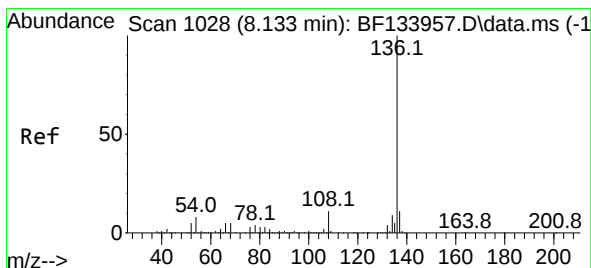
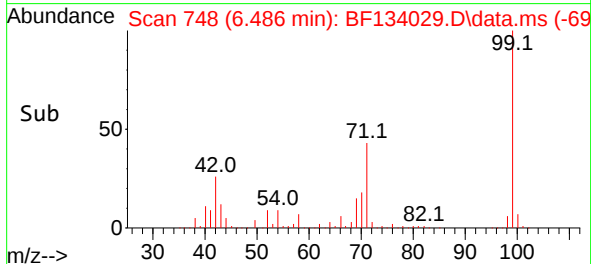
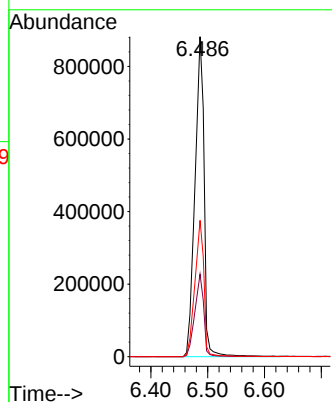
#7  
Phenol-d6  
Concen: 123.305 ng  
RT: 6.486 min Scan# 749  
Delta R.T. -0.006 min  
Lab File: BF134029.D  
Acq: 29 Jun 2023 10:50

Instrument :  
BNA\_F  
ClientSampleId :  
PB153792BL



Tgt Ion: 99 Resp: 997266

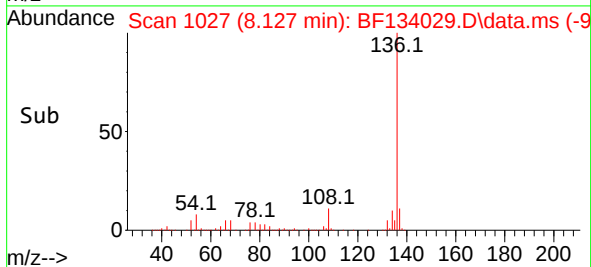
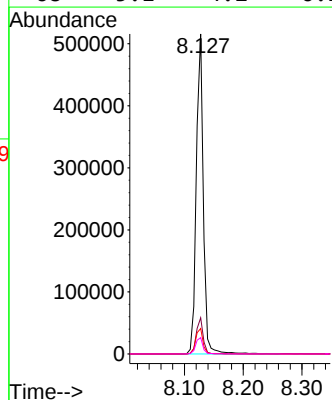
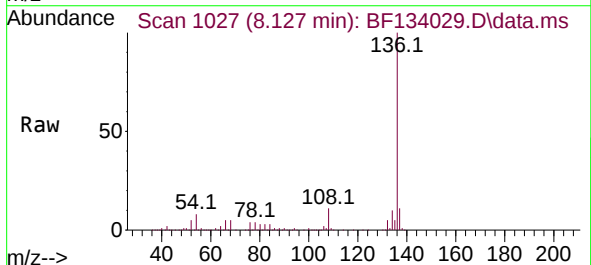
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 25.8  | 19.8  | 29.6  |
| 71  | 42.6  | 31.9  | 47.9  |



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.127 min Scan# 1027  
Delta R.T. -0.006 min  
Lab File: BF134029.D  
Acq: 29 Jun 2023 10:50

Tgt Ion: 136 Resp: 430166

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 11.3  | 8.6   | 12.8  |
| 54  | 8.0   | 6.5   | 9.7   |
| 68  | 5.1   | 4.2   | 6.2   |

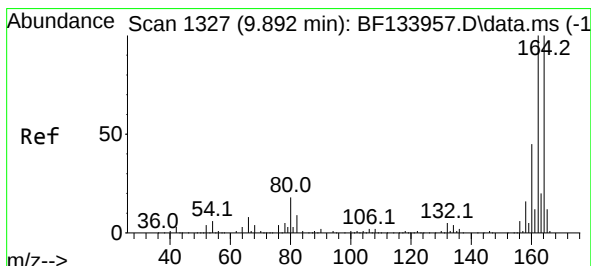
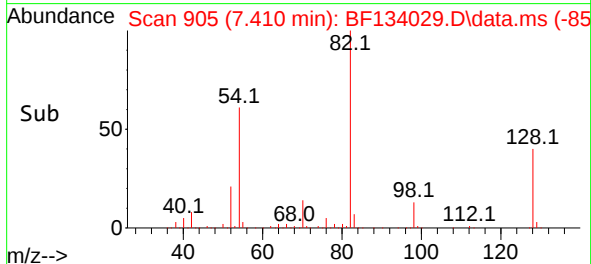
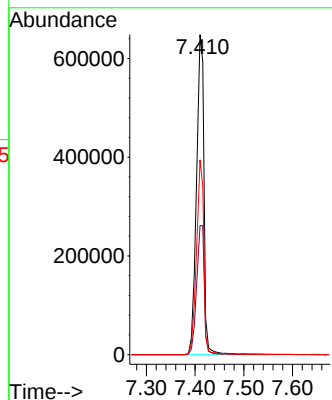
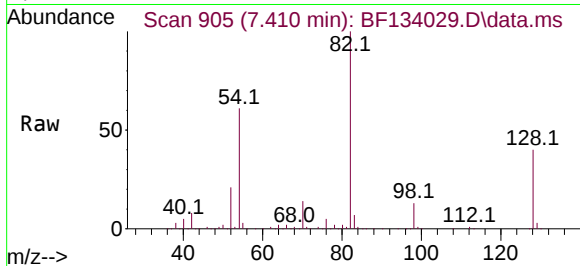




#23  
Nitrobenzene-d5  
Concen: 87.772 ng  
RT: 7.410 min Scan# 906  
Delta R.T. -0.006 min  
Lab File: BF134029.D  
Acq: 29 Jun 2023 10:50

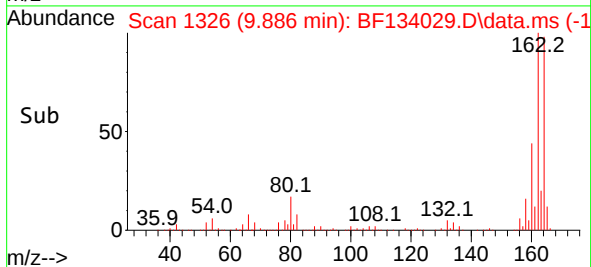
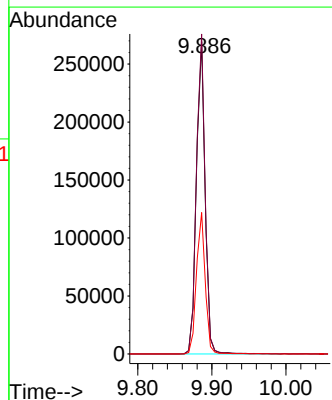
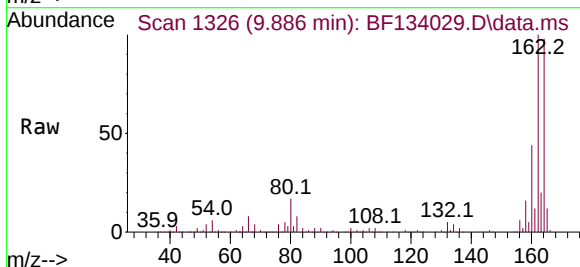
Instrument :  
BNA\_F  
ClientSampleId :  
PB153792BL

Tgt Ion: 82 Resp: 700422  
Ion Ratio Lower Upper  
82 100  
128 40.4 32.5 48.7  
54 60.9 48.2 72.2



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.886 min Scan# 1326  
Delta R.T. -0.006 min  
Lab File: BF134029.D  
Acq: 29 Jun 2023 10:50

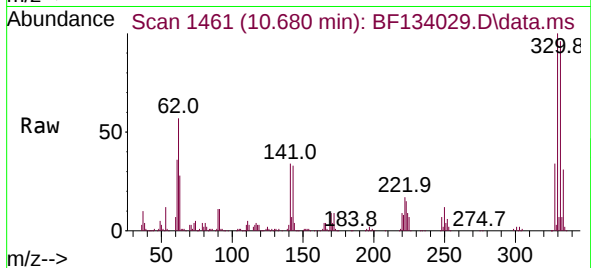
Tgt Ion:164 Resp: 219882  
Ion Ratio Lower Upper  
164 100  
162 102.4 80.0 120.0  
160 45.3 35.9 53.9



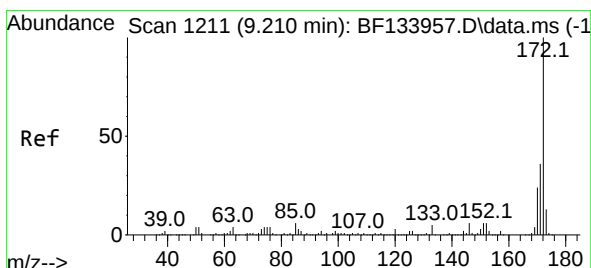
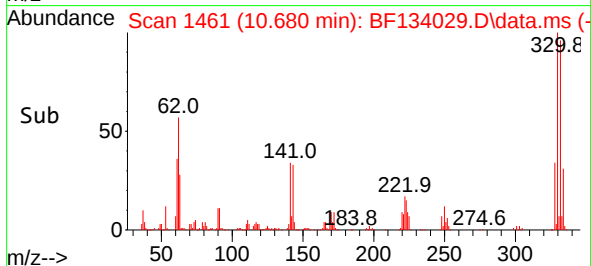
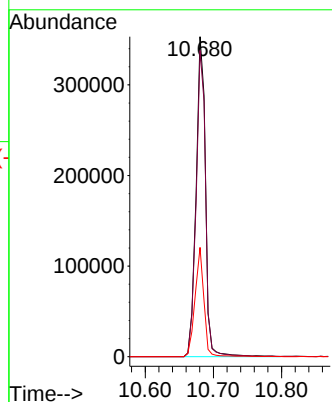


#42  
2,4,6-Tribromophenol  
Concen: 122.334 ng  
RT: 10.680 min Scan# 1461  
Delta R.T. -0.006 min  
Lab File: BF134029.D  
Acq: 29 Jun 2023 10:50

Instrument :  
BNA\_F  
ClientSampleId :  
PB153792BL

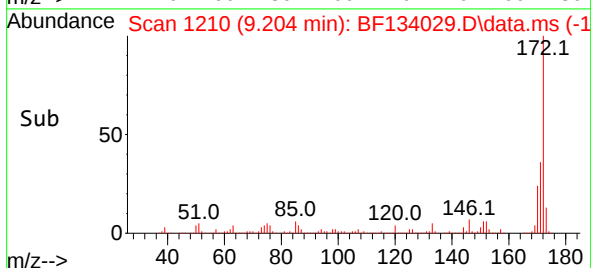
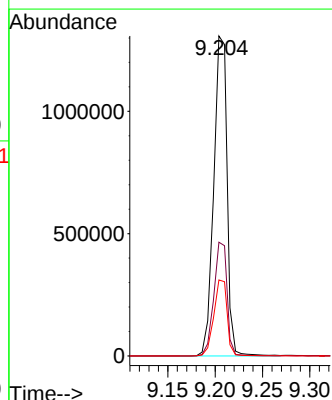
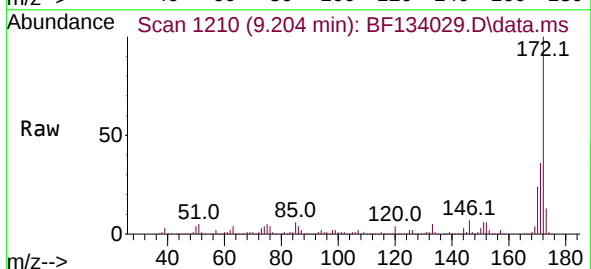


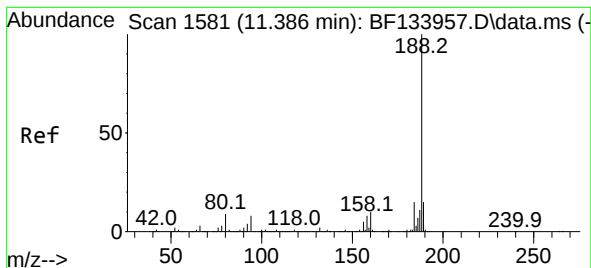
Tgt Ion:330 Resp: 337261  
Ion Ratio Lower Upper  
330 100  
332 96.2 77.0 115.6  
141 32.4 26.3 39.5



#45  
2-Fluorobiphenyl  
Concen: 84.939 ng  
RT: 9.204 min Scan# 1210  
Delta R.T. -0.006 min  
Lab File: BF134029.D  
Acq: 29 Jun 2023 10:50

Tgt Ion:172 Resp: 1284593  
Ion Ratio Lower Upper  
172 100  
171 35.6 28.6 43.0  
170 23.8 19.4 29.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.380 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF134029.D

Acq: 29 Jun 2023 10:50

Instrument :

BNA\_F

ClientSampleId :

PB153792BL

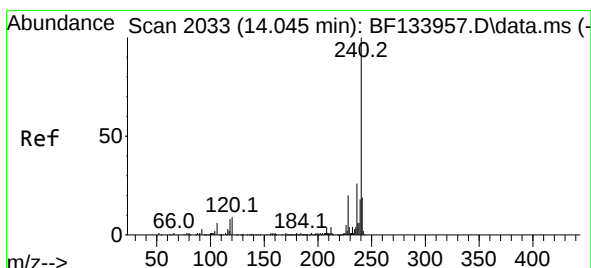
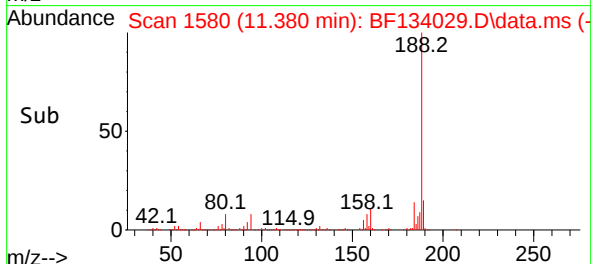
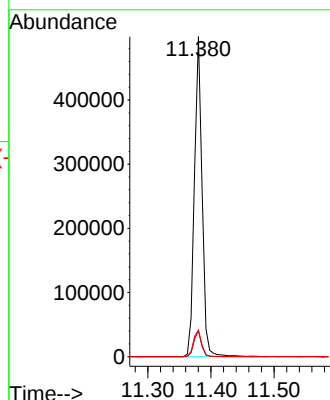
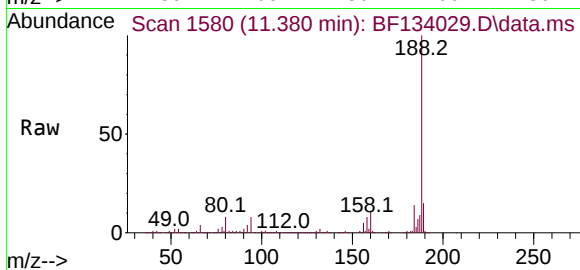
Tgt Ion:188 Resp: 423467

Ion Ratio Lower Upper

188 100

94 8.1 6.4 9.6

80 8.4 7.3 10.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.039 min Scan# 2032

Delta R.T. -0.006 min

Lab File: BF134029.D

Acq: 29 Jun 2023 10:50

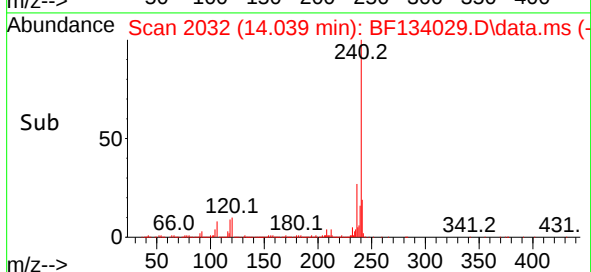
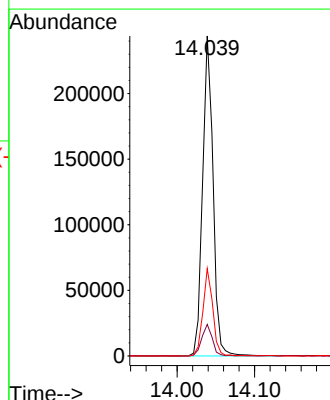
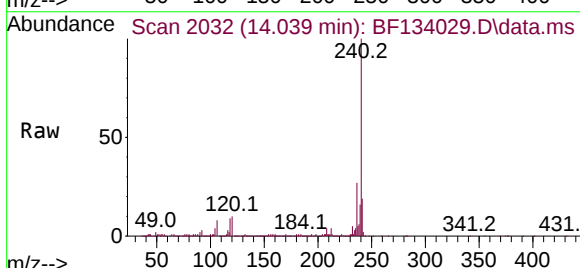
Tgt Ion:240 Resp: 228596

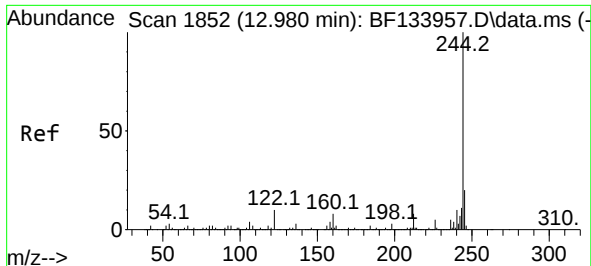
Ion Ratio Lower Upper

240 100

120 9.9 7.4 11.0

236 27.3 21.0 31.6

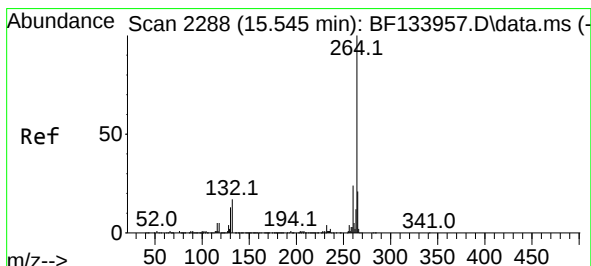
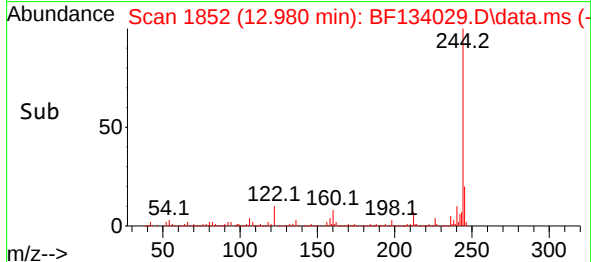
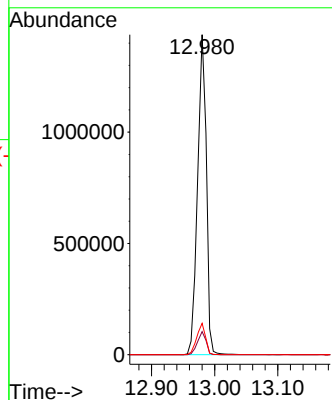
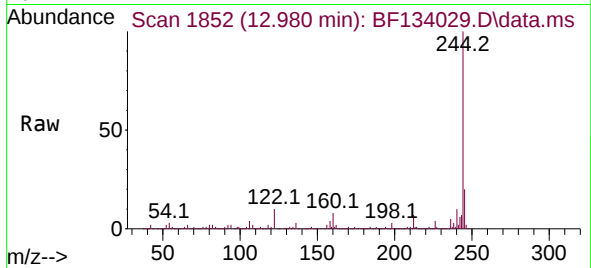




#79  
 Terphenyl-d14  
 Concen: 97.497 ng  
 RT: 12.980 min Scan# 1852  
 Delta R.T. -0.000 min  
 Lab File: BF134029.D  
 Acq: 29 Jun 2023 10:50

Instrument :  
 BNA\_F  
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 PB153792BL

Tgt Ion:244 Resp: 1384815  
 Ion Ratio Lower Upper  
 244 100  
 212 7.2 6.0 9.0  
 122 9.8 8.3 12.5



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.545 min Scan# 2288  
 Delta R.T. -0.000 min  
 Lab File: BF134029.D  
 Acq: 29 Jun 2023 10:50

Tgt Ion:264 Resp: 211086  
 Ion Ratio Lower Upper  
 264 100  
 260 23.5 19.5 29.3  
 265 21.3 16.6 25.0

