

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF072523\  
 Data File : BF134460.D  
 Acq On : 25 Jul 2023 13:21  
 Operator : CG\JU  
 Sample : PB154085BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB154085BL

Quant Time: Jul 25 13:49:58 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF072423.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jul 25 01:46:04 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.834  | 152  | 58809    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.110  | 136  | 204488   | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10        | 9.869  | 164  | 120291   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.363 | 188  | 250474   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 14.027 | 240  | 197488   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 15.527 | 264  | 201930   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.481  | 112  | 564762   | 158.665 | ng    | 0.01     |
| 7) Phenol-d6                | 6.481  | 99   | 671357   | 153.945 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.398  | 82   | 461457   | 114.174 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.669 | 330  | 246425   | 144.183 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.192  | 172  | 830707   | 90.659  | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.963 | 244  | 1094323  | 96.731  | ng    | 0.00     |

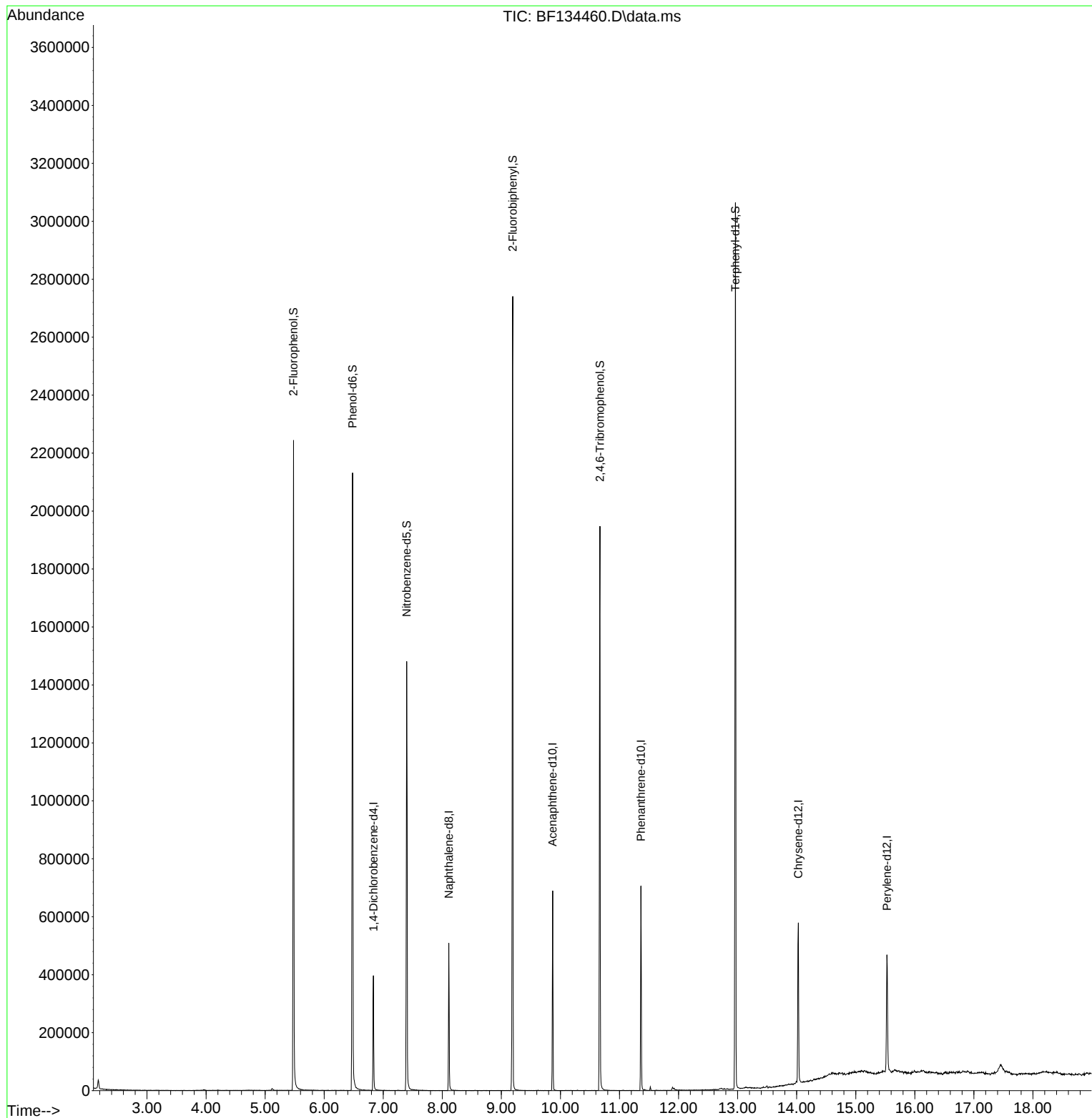
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

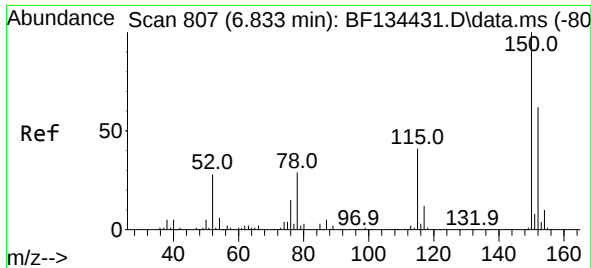
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF072523\  
Data File : BF134460.D  
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Misc :  
ALS Vial : 3 Sample Multiplier: 1

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BNA\_F  
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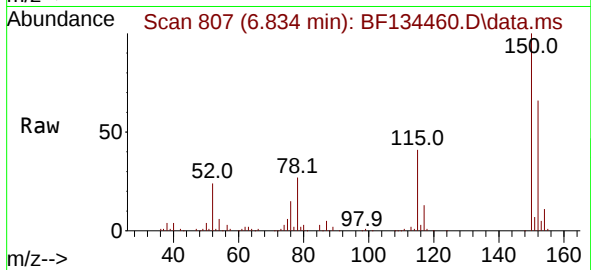
Quant Time: Jul 25 13:49:58 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF072423.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Jul 25 01:46:04 2023  
Response via : Initial Calibration



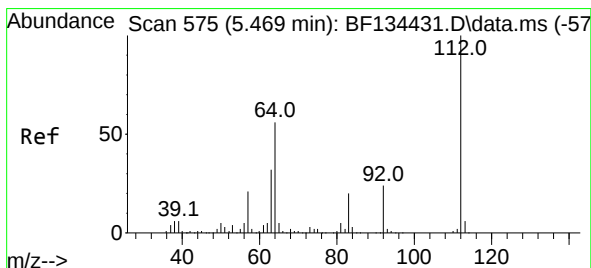
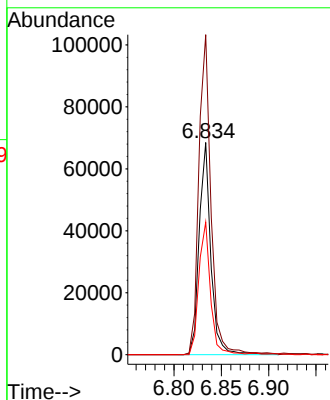
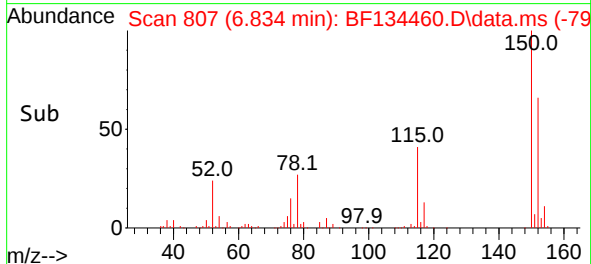


#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.834 min Scan# 807  
Delta R.T. 0.001 min  
Lab File: BF134460.D  
Acq: 25 Jul 2023 13:21

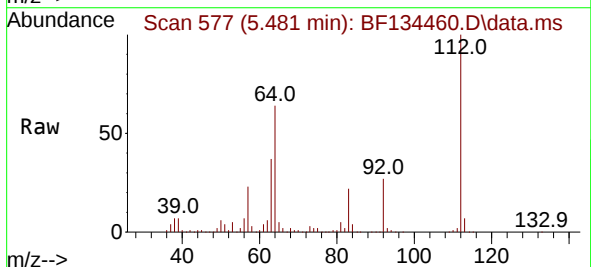
Instrument :  
BNA\_F  
ClientSampleId :  
PB154085BL



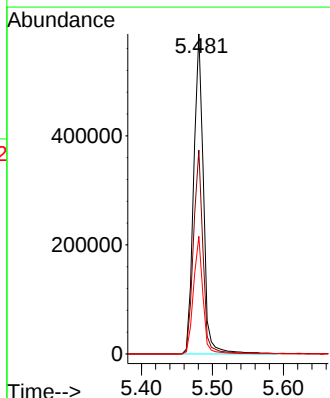
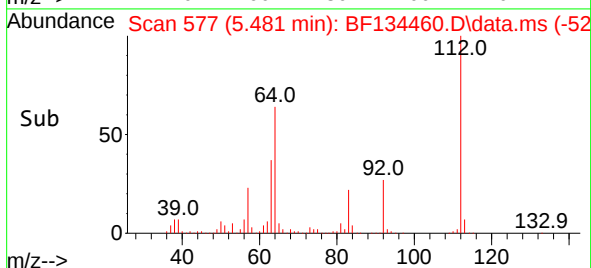
Tgt Ion:152 Resp: 58809  
Ion Ratio Lower Upper  
152 100  
150 150.8 128.3 192.5  
115 62.5 52.4 78.6

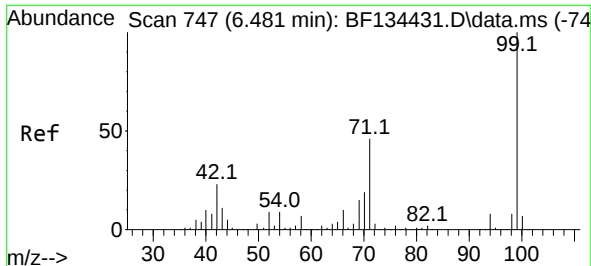


#5  
2-Fluorophenol  
Concen: 158.665 ng  
RT: 5.481 min Scan# 577  
Delta R.T. 0.012 min  
Lab File: BF134460.D  
Acq: 25 Jul 2023 13:21



Tgt Ion:112 Resp: 564762  
Ion Ratio Lower Upper  
112 100  
64 63.7 44.9 67.3  
63 36.8 25.4 38.0

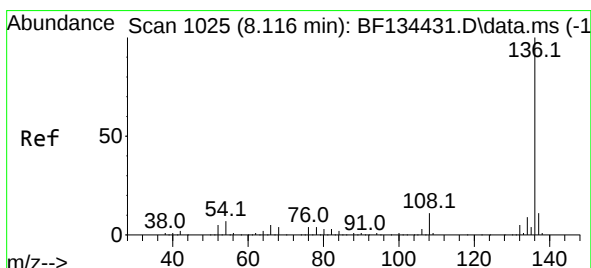
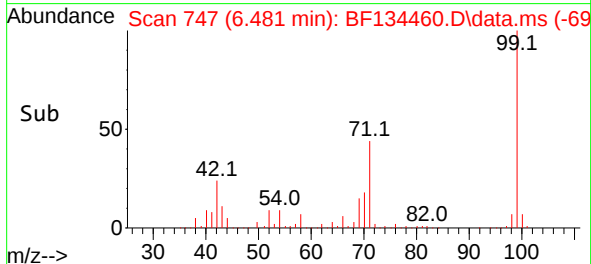
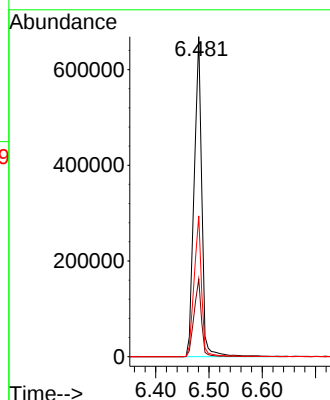
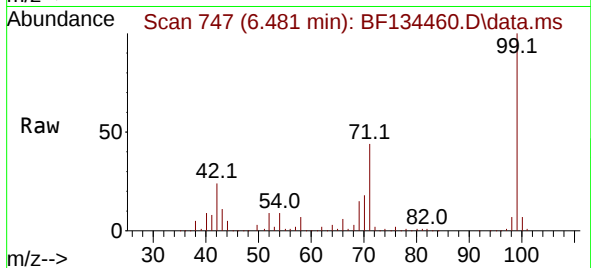




#7  
Phenol-d6  
Concen: 153.945 ng  
RT: 6.481 min Scan# 74  
Delta R.T. 0.000 min  
Lab File: BF134460.D  
Acq: 25 Jul 2023 13:21

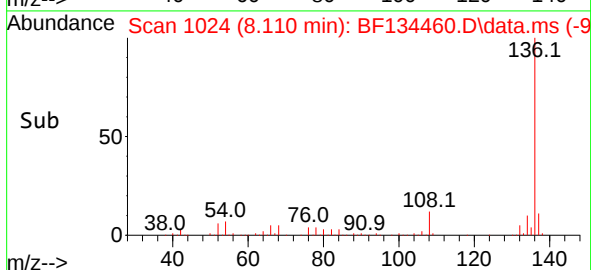
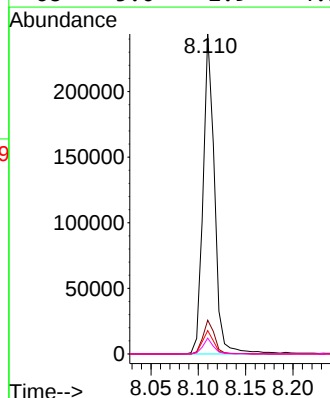
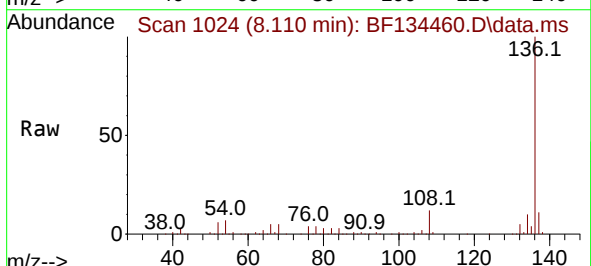
Instrument :  
BNA\_F  
ClientSampleId :  
PB154085BL

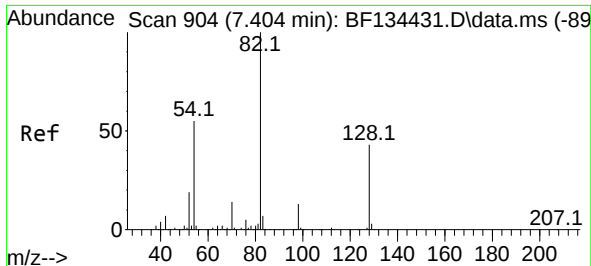
Tgt Ion: 99 Resp: 671357  
Ion Ratio Lower Upper  
99 100  
42 24.3 18.7 28.1  
71 44.0 36.4 54.6



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.110 min Scan# 1024  
Delta R.T. -0.006 min  
Lab File: BF134460.D  
Acq: 25 Jul 2023 13:21

Tgt Ion:136 Resp: 204488  
Ion Ratio Lower Upper  
136 100  
137 10.6 8.4 12.6  
54 7.3 5.2 7.8  
68 5.0 2.9 4.3#

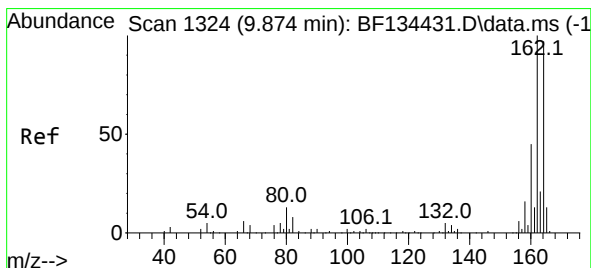
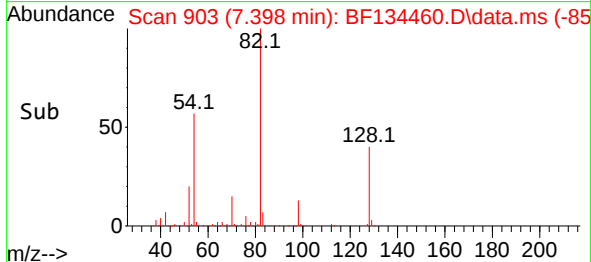
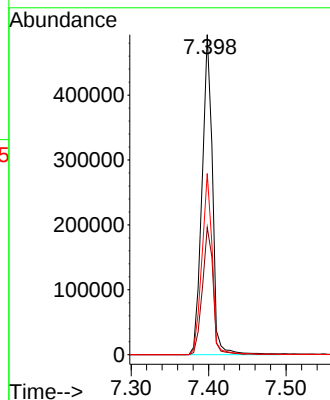
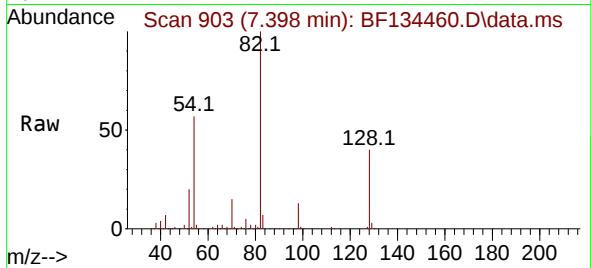




#23  
Nitrobenzene-d5  
Concen: 114.174 ng  
RT: 7.398 min Scan# 904  
Delta R.T. -0.006 min  
Lab File: BF134460.D  
Acq: 25 Jul 2023 13:21

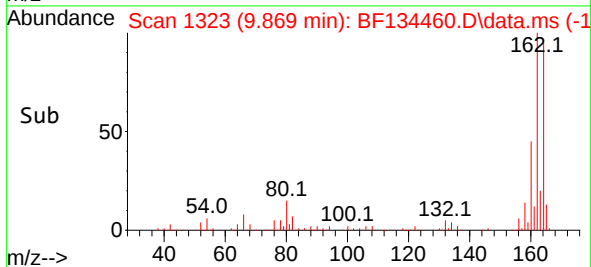
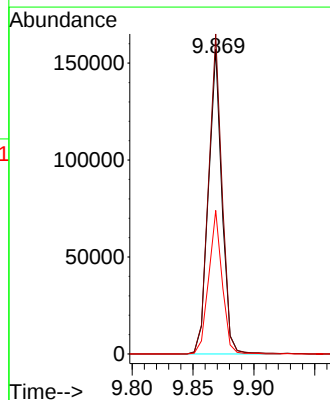
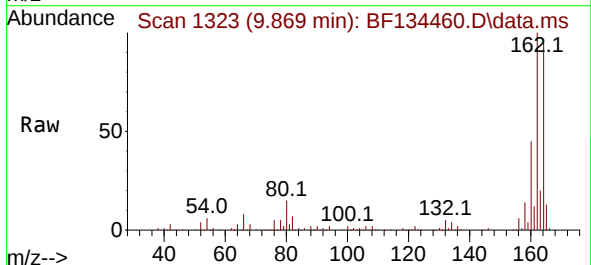
Instrument :  
BNA\_F  
ClientSampleId :  
PB154085BL

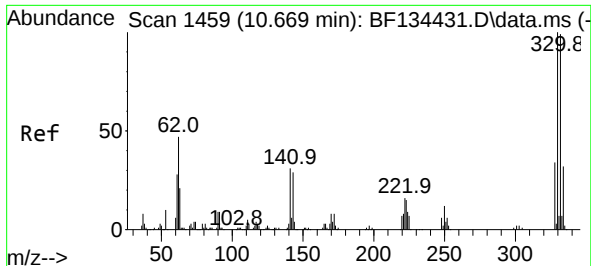
Tgt Ion: 82 Resp: 461457  
Ion Ratio Lower Upper  
82 100  
128 39.8 34.3 51.5  
54 56.6 43.8 65.6



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.869 min Scan# 1323  
Delta R.T. -0.006 min  
Lab File: BF134460.D  
Acq: 25 Jul 2023 13:21

Tgt Ion: 164 Resp: 120291  
Ion Ratio Lower Upper  
164 100  
162 105.0 82.6 123.8  
160 47.1 37.2 55.8

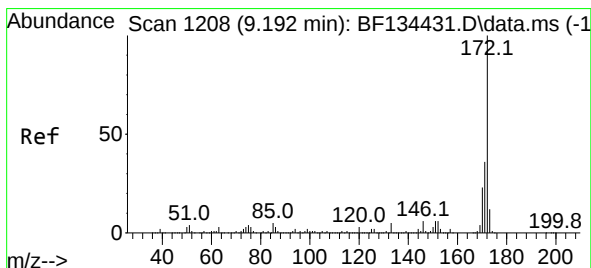
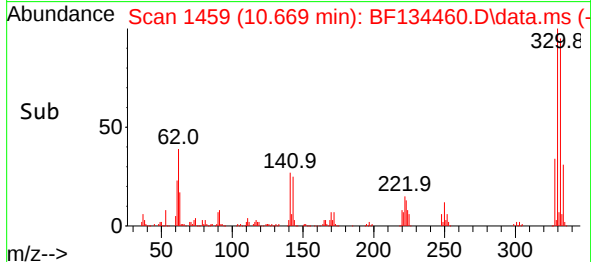
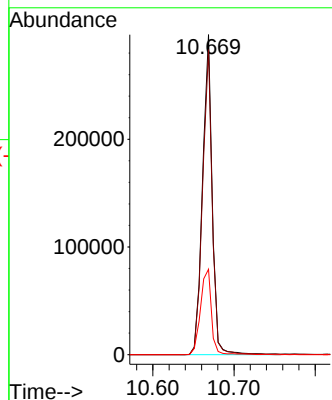
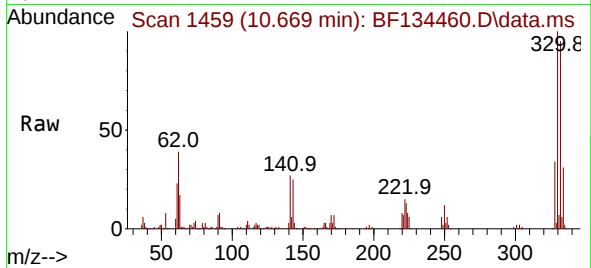




#42  
2,4,6-Tribromophenol  
Concen: 144.183 ng  
RT: 10.669 min Scan# 1459  
Delta R.T. 0.000 min  
Lab File: BF134460.D  
Acq: 25 Jul 2023 13:21

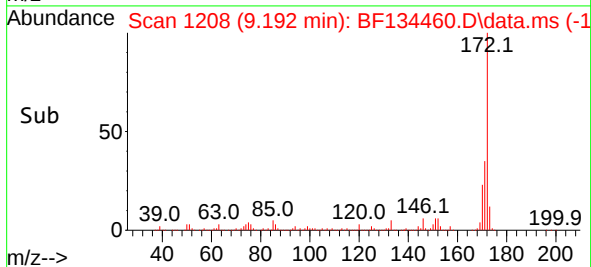
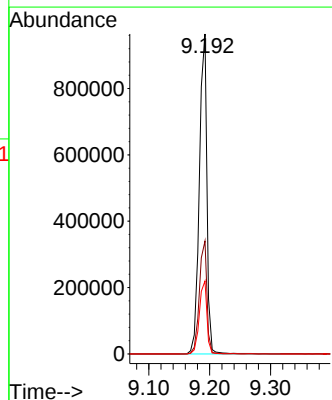
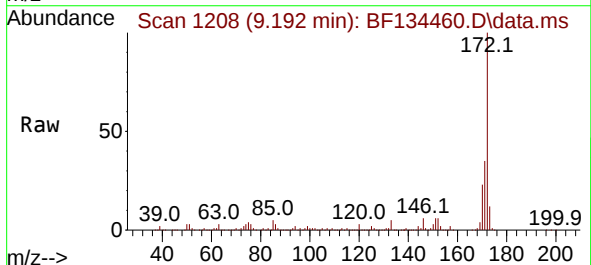
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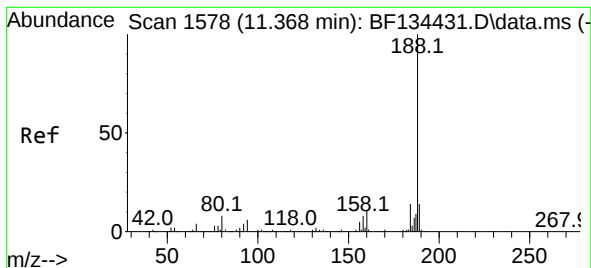
Tgt Ion:330 Resp: 246425  
Ion Ratio Lower Upper  
330 100  
332 95.3 78.8 118.2  
141 30.2 25.4 38.2



#45  
2-Fluorobiphenyl  
Concen: 90.659 ng  
RT: 9.192 min Scan# 1208  
Delta R.T. 0.000 min  
Lab File: BF134460.D  
Acq: 25 Jul 2023 13:21

Tgt Ion:172 Resp: 830707  
Ion Ratio Lower Upper  
172 100  
171 35.3 28.8 43.2  
170 22.8 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.363 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF134460.D

Acq: 25 Jul 2023 13:21

Instrument :

BNA\_F

ClientSampleId :

PB154085BL

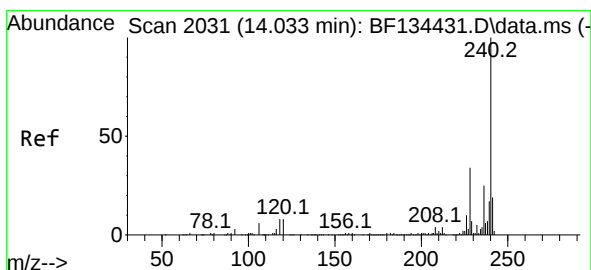
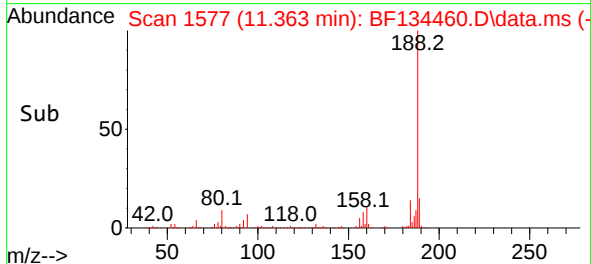
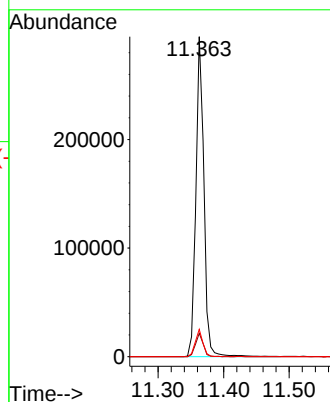
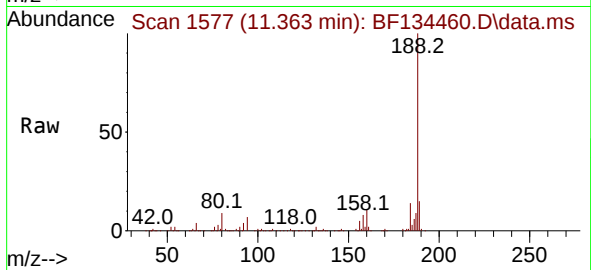
Tgt Ion:188 Resp: 250474

Ion Ratio Lower Upper

188 100

94 7.3 5.1 7.7

80 8.6 6.6 9.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.027 min Scan# 2030

Delta R.T. -0.006 min

Lab File: BF134460.D

Acq: 25 Jul 2023 13:21

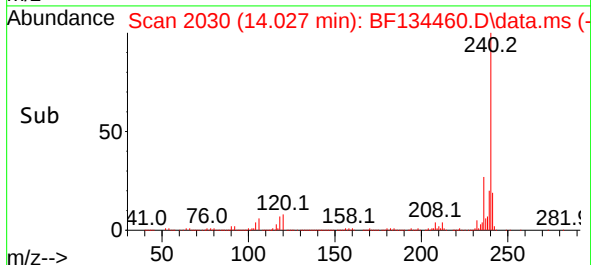
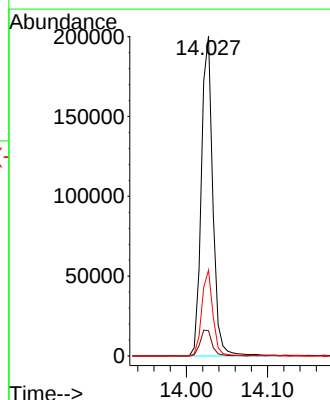
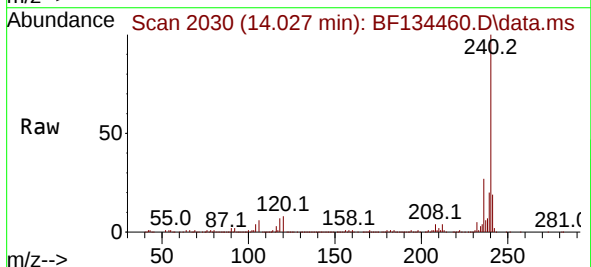
Tgt Ion:240 Resp: 197488

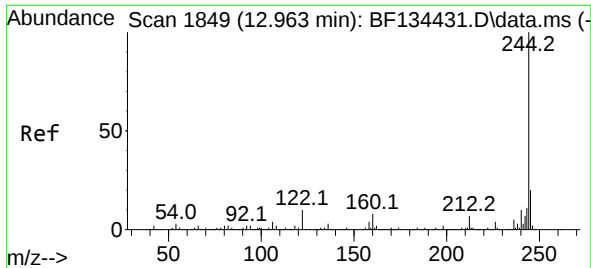
Ion Ratio Lower Upper

240 100

120 7.9 6.6 10.0

236 26.9 20.2 30.2

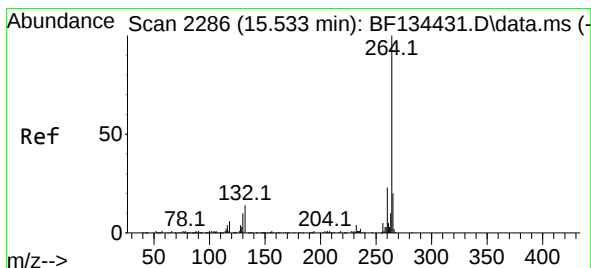
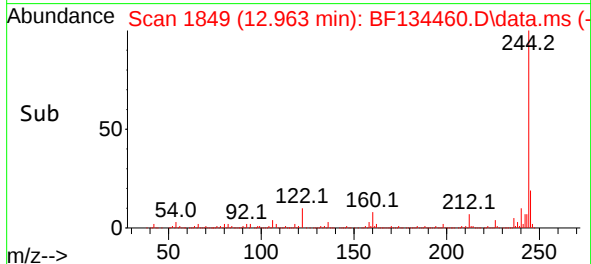
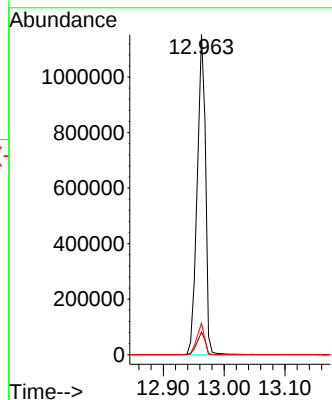
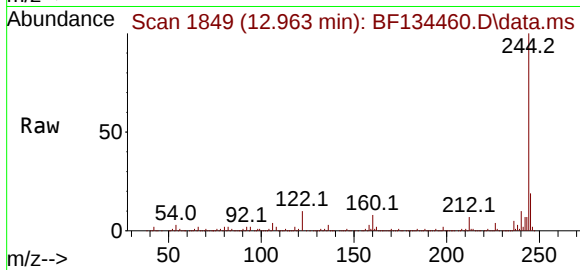




#79  
 Terphenyl-d14  
 Concen: 96.731 ng  
 RT: 12.963 min Scan# 1849  
 Delta R.T. 0.000 min  
 Lab File: BF134460.D  
 Acq: 25 Jul 2023 13:21

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 PB154085BL

Tgt Ion:244 Resp: 1094323  
 Ion Ratio Lower Upper  
 244 100  
 212 7.0 5.6 8.4  
 122 9.8 8.0 12.0



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.527 min Scan# 2285  
 Delta R.T. -0.006 min  
 Lab File: BF134460.D  
 Acq: 25 Jul 2023 13:21

Tgt Ion:264 Resp: 201930  
 Ion Ratio Lower Upper  
 264 100  
 260 23.6 18.4 27.6  
 265 22.0 15.8 23.8

