

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF030424\  
 Data File : BF137477.D  
 Acq On : 04 Mar 2024 13:17  
 Operator : CG\JU  
 Sample : PB159412BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB159412BL

Quant Time: Mar 04 13:41:14 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF022924.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Mar 04 00:26:53 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.863  | 152  | 239417   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.139  | 136  | 967598   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.898  | 164  | 541131   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.392 | 188  | 1014736  | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 14.051 | 240  | 679826   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 15.580 | 264  | 517566   | 20.000  | ng    | 0.01     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.528  | 112  | 1838017  | 116.272 | ng    | 0.02     |
| 7) Phenol-d6                | 6.510  | 99   | 2521656  | 110.510 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.428  | 82   | 1604648  | 77.055  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.692 | 330  | 626638   | 131.866 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.222  | 172  | 2602316  | 75.279  | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.998 | 244  | 3391737  | 68.606  | ng    | 0.00     |

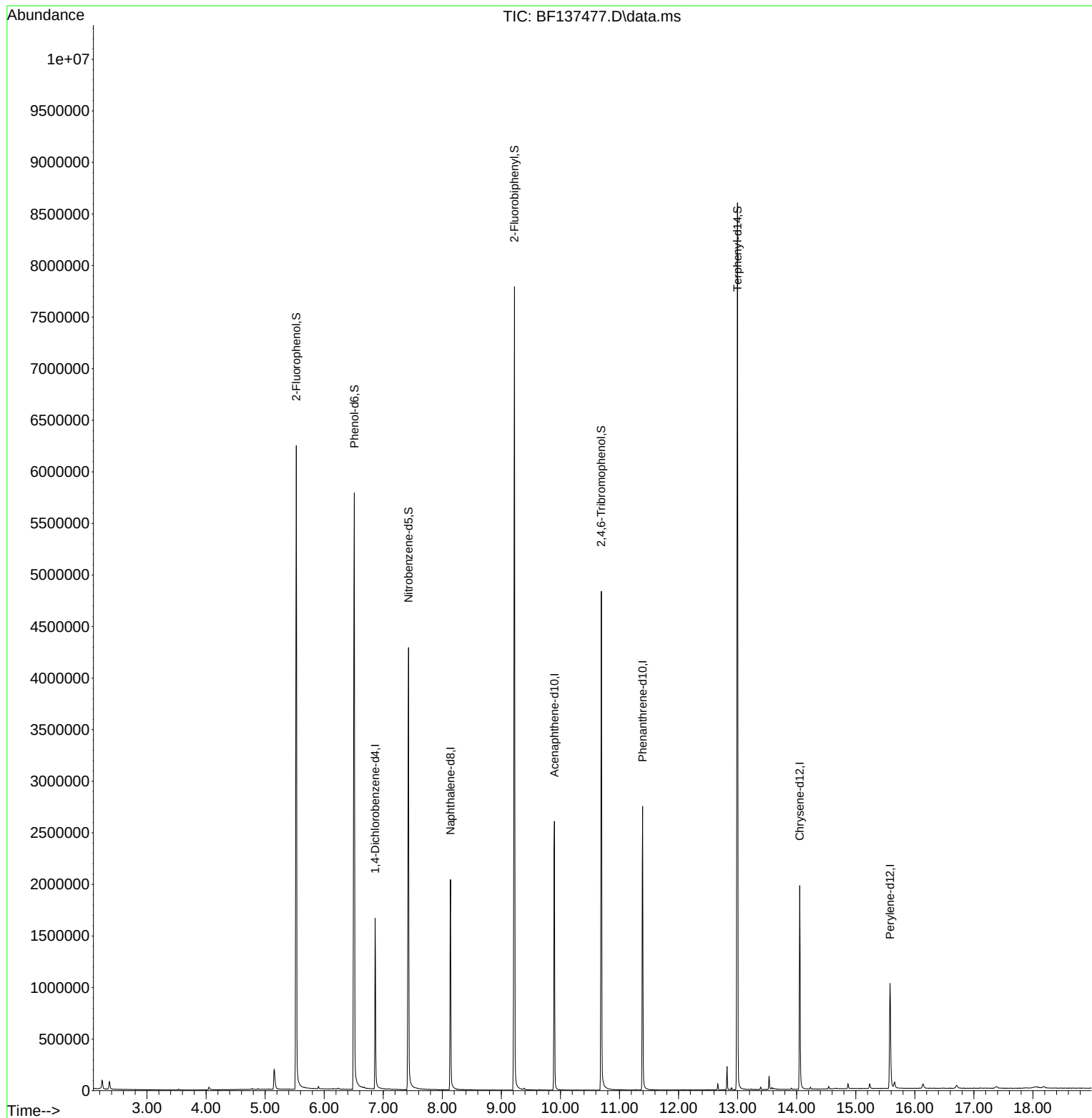
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

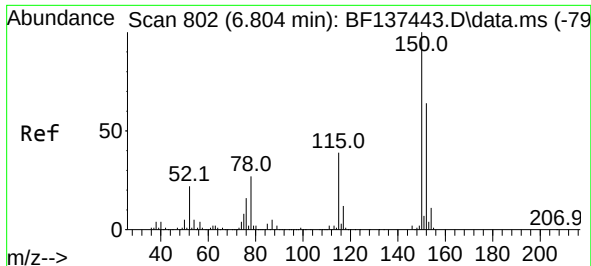
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 3 Sample Multiplier: 1

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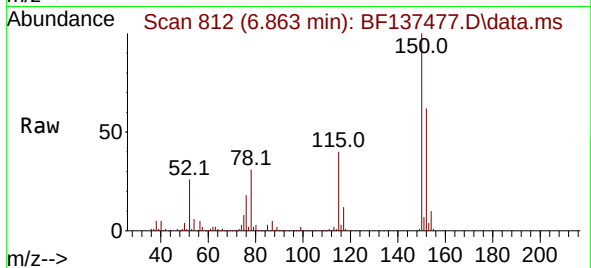
Quant Time: Mar 04 13:41:14 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF022924.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Mar 04 00:26:53 2024  
Response via : Initial Calibration



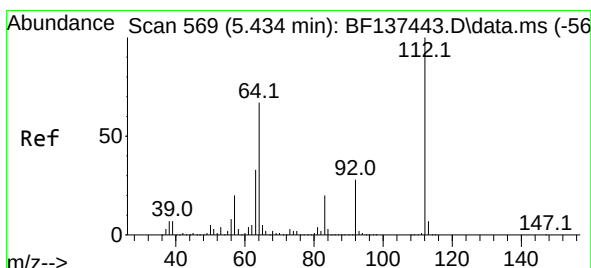
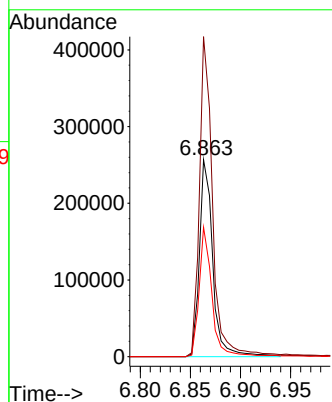
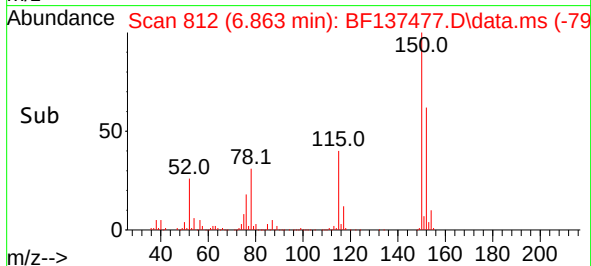


#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.863 min Scan# 81  
Delta R.T. 0.000 min  
Lab File: BF137477.D  
Acq: 04 Mar 2024 13:17

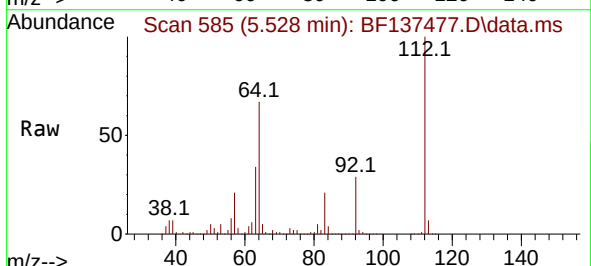
Instrument :  
BNA\_F  
ClientSampleId :  
PB159412BL



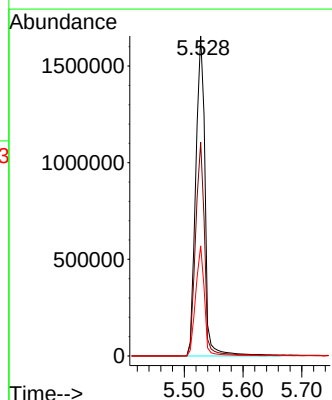
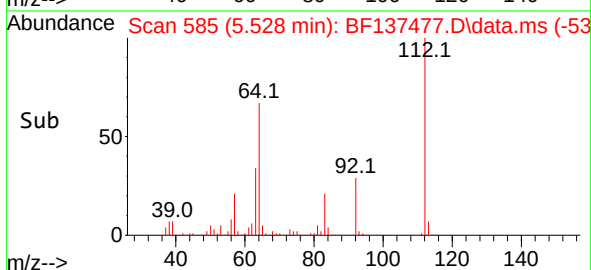
Tgt Ion:152 Resp: 239417  
Ion Ratio Lower Upper  
152 100  
150 162.5 125.8 188.6  
115 65.7 48.8 73.2

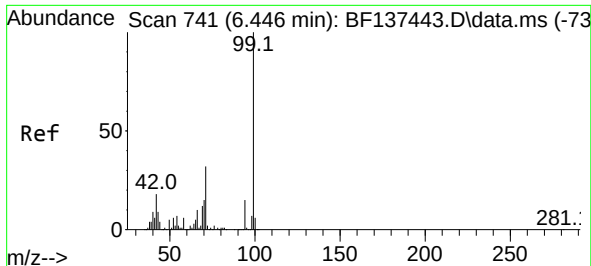


#5  
2-Fluorophenol  
Concen: 116.272 ng  
RT: 5.528 min Scan# 585  
Delta R.T. 0.018 min  
Lab File: BF137477.D  
Acq: 04 Mar 2024 13:17



Tgt Ion:112 Resp: 1838017  
Ion Ratio Lower Upper  
112 100  
64 66.7 53.4 80.2  
63 34.4 26.2 39.2

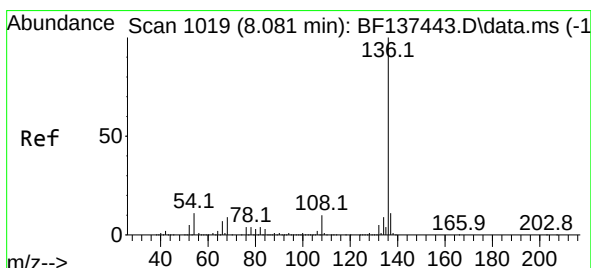
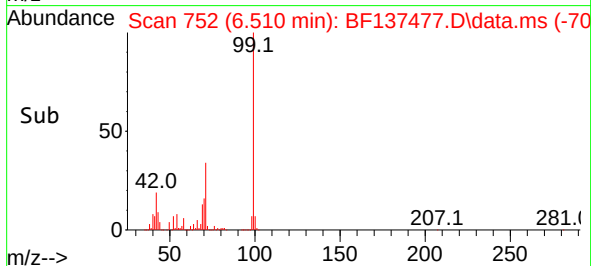
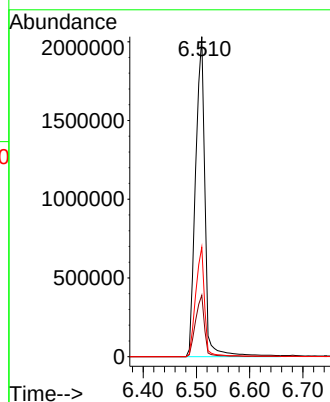
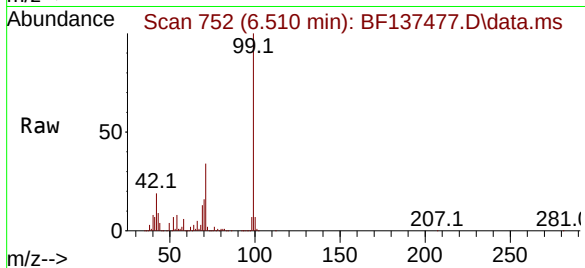




#7  
Phenol-d6  
Concen: 110.510 ng  
RT: 6.510 min Scan# 71  
Delta R.T. 0.006 min  
Lab File: BF137477.D  
Acq: 04 Mar 2024 13:17

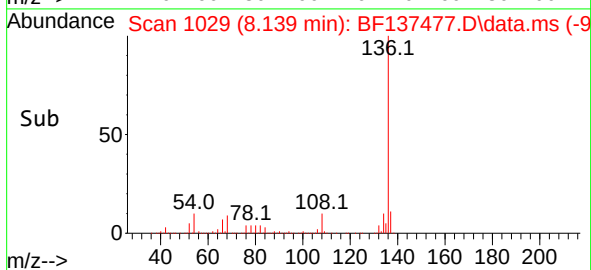
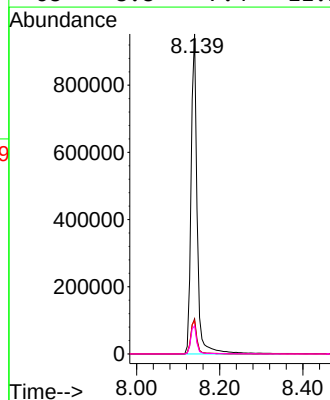
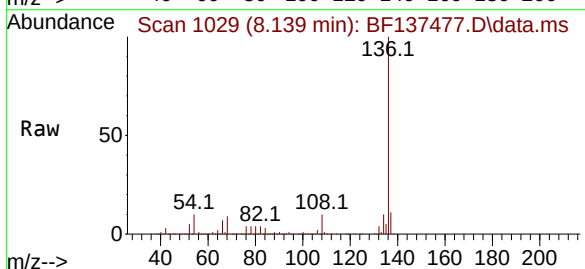
Instrument :  
BNA\_F  
ClientSampleId :  
PB159412BL

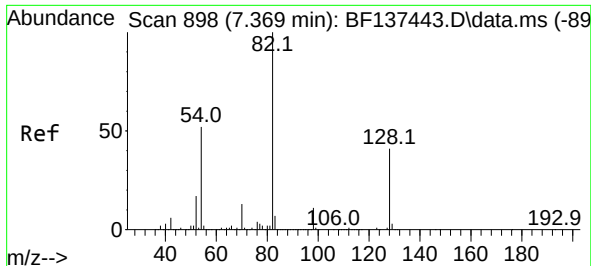
Tgt Ion: 99 Resp: 2521656  
Ion Ratio Lower Upper  
99 100  
42 19.2 14.6 21.8  
71 34.2 25.3 37.9



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.139 min Scan# 1029  
Delta R.T. 0.006 min  
Lab File: BF137477.D  
Acq: 04 Mar 2024 13:17

Tgt Ion: 136 Resp: 967598  
Ion Ratio Lower Upper  
136 100  
137 11.0 9.1 13.7  
54 10.3 8.5 12.7  
68 8.8 7.4 11.2

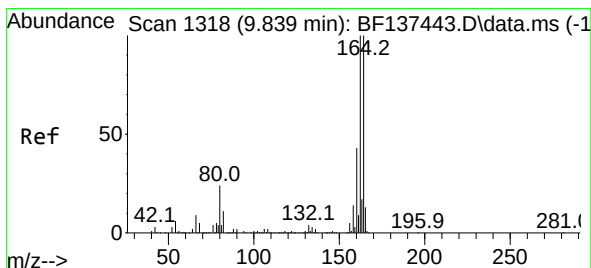
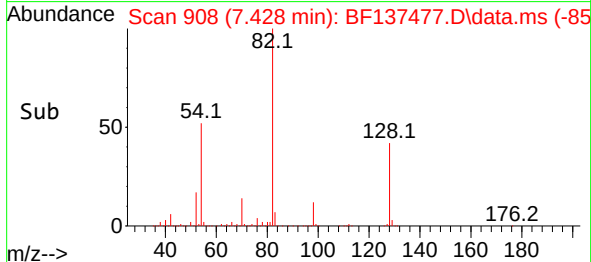
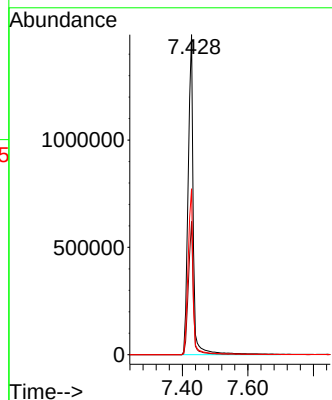
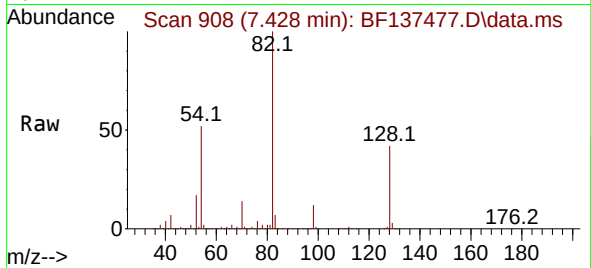




#23  
Nitrobenzene-d5  
Concen: 77.055 ng  
RT: 7.428 min Scan# 90  
Delta R.T. 0.000 min  
Lab File: BF137477.D  
Acq: 04 Mar 2024 13:17

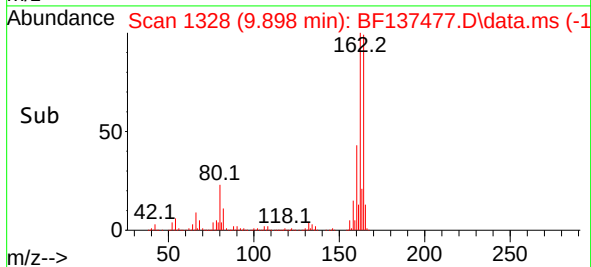
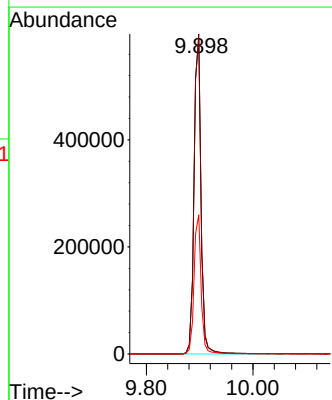
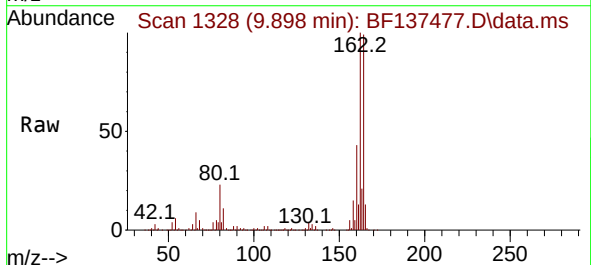
Instrument :  
BNA\_F  
ClientSampleId :  
PB159412BL

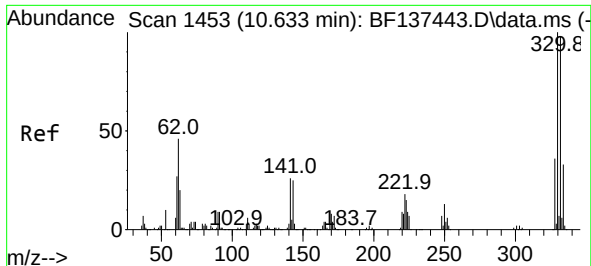
Tgt Ion: 82 Resp: 1604648  
Ion Ratio Lower Upper  
82 100  
128 41.6 32.5 48.7  
54 51.8 41.5 62.3



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.898 min Scan# 1328  
Delta R.T. 0.006 min  
Lab File: BF137477.D  
Acq: 04 Mar 2024 13:17

Tgt Ion:164 Resp: 541131  
Ion Ratio Lower Upper  
164 100  
162 101.3 79.8 119.8  
160 44.1 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 131.866 ng

RT: 10.692 min Scan# 1463

Delta R.T. 0.000 min

Lab File: BF137477.D

Acq: 04 Mar 2024 13:17

Instrument :

BNA\_F

ClientSampleId :

PB159412BL

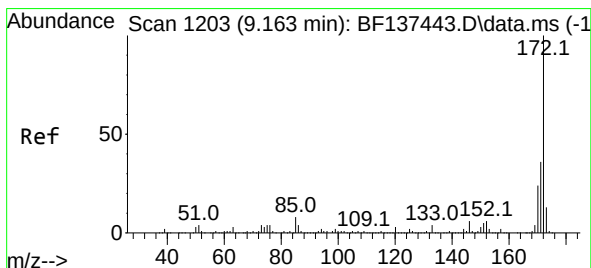
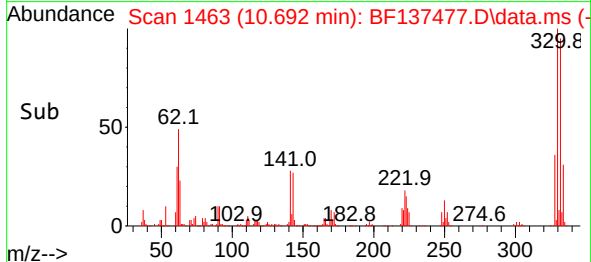
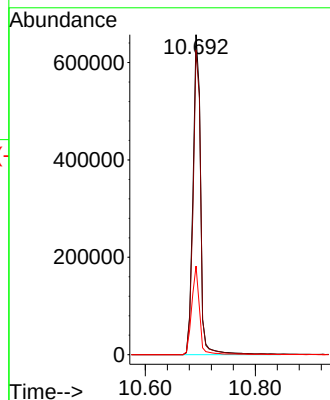
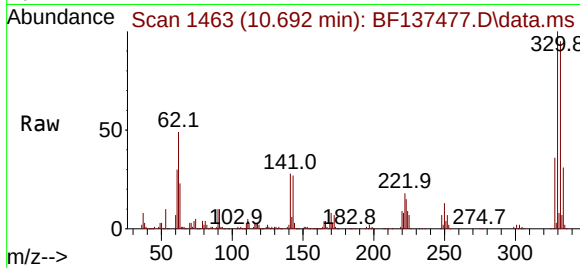
Tgt Ion:330 Resp: 626638

Ion Ratio Lower Upper

330 100

332 94.7 78.0 117.0

141 28.9 27.3 40.9



#45

2-Fluorobiphenyl

Concen: 75.279 ng

RT: 9.222 min Scan# 1213

Delta R.T. 0.006 min

Lab File: BF137477.D

Acq: 04 Mar 2024 13:17

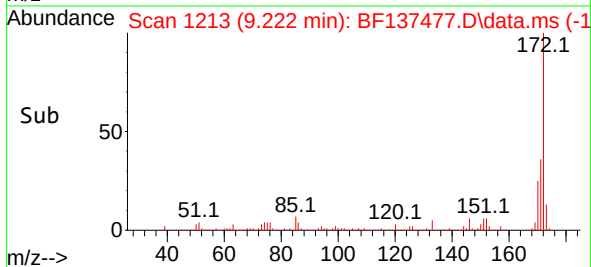
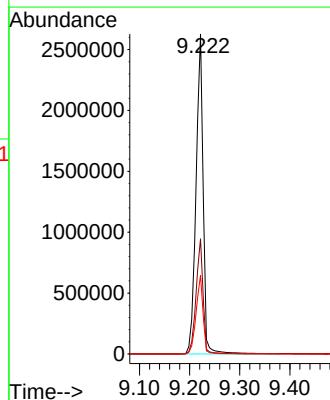
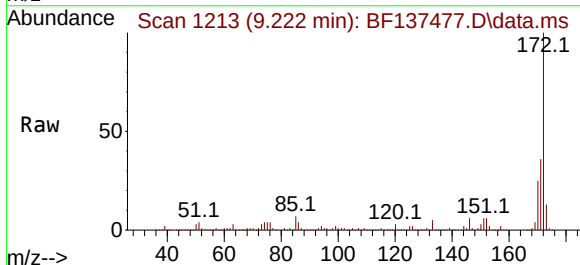
Tgt Ion:172 Resp: 2602316

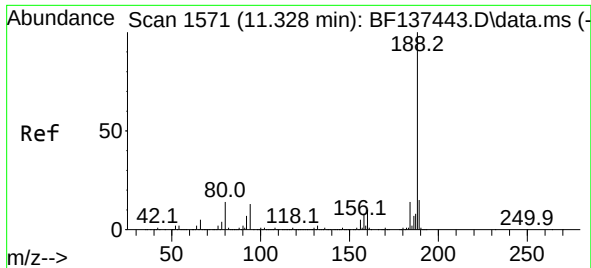
Ion Ratio Lower Upper

172 100

171 36.0 28.5 42.7

170 24.6 19.0 28.6

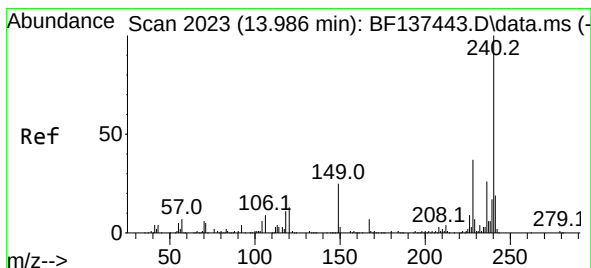
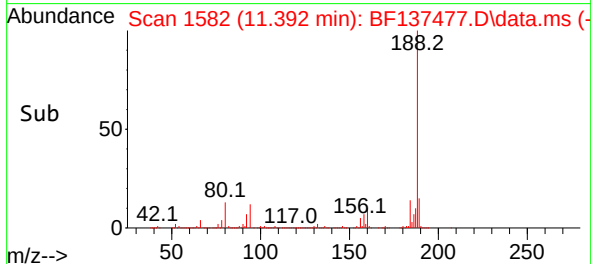
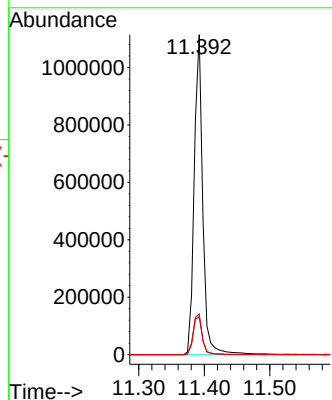
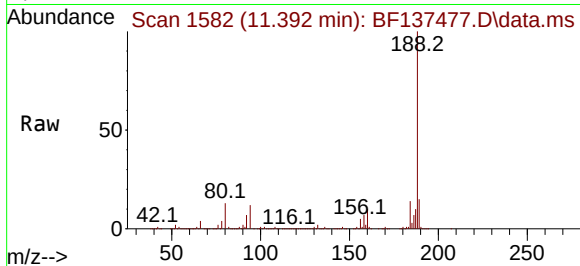




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.392 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: BF137477.D  
Acq: 04 Mar 2024 13:17

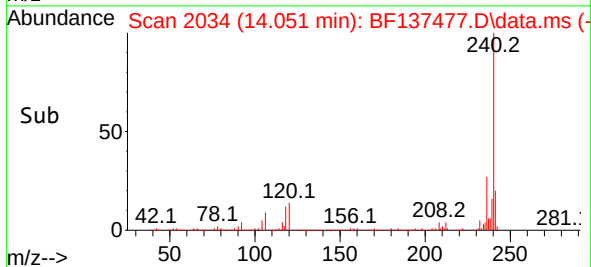
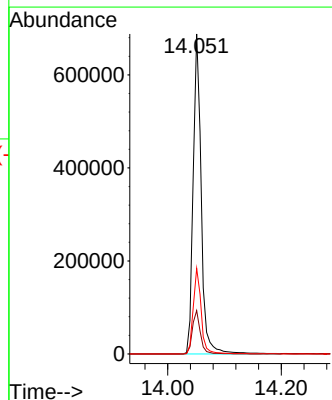
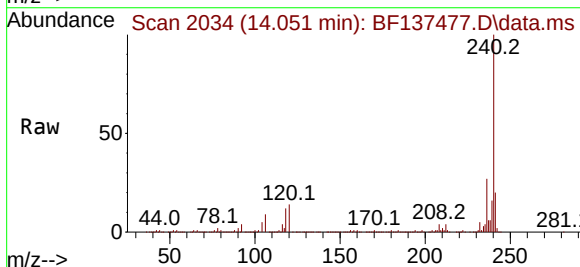
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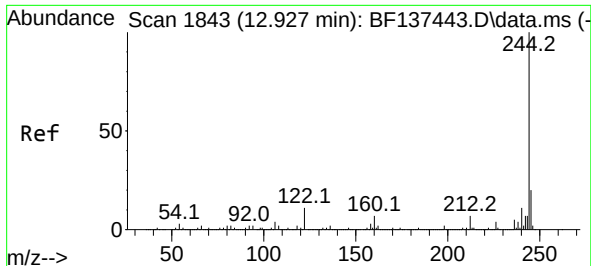
Tgt Ion:188 Resp: 1014736  
Ion Ratio Lower Upper  
188 100  
94 11.9 10.6 15.8  
80 12.7 11.5 17.3



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.051 min Scan# 2034  
Delta R.T. 0.000 min  
Lab File: BF137477.D  
Acq: 04 Mar 2024 13:17

Tgt Ion:240 Resp: 679826  
Ion Ratio Lower Upper  
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120 13.6 10.4 15.6  
236 26.7 20.9 31.3

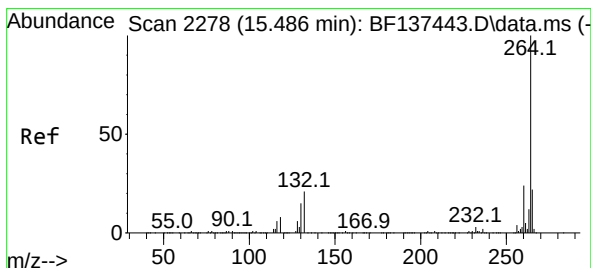
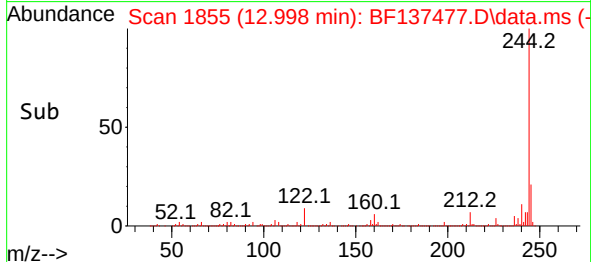
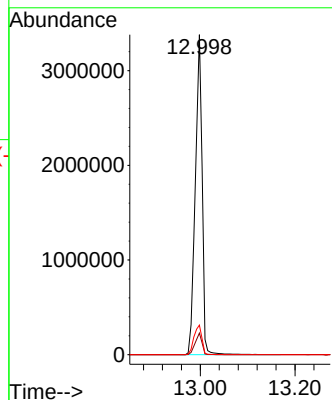
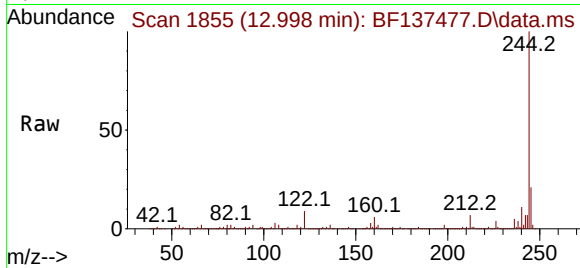




#79  
 Terphenyl-d14  
 Concen: 68.606 ng  
 RT: 12.998 min Scan# 11  
 Delta R.T. 0.006 min  
 Lab File: BF137477.D  
 Acq: 04 Mar 2024 13:17

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB159412BL

Tgt Ion:244 Resp: 3391737  
 Ion Ratio Lower Upper  
 244 100  
 212 6.8 5.4 8.2  
 122 9.3 9.1 13.7



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.580 min Scan# 2294  
 Delta R.T. 0.012 min  
 Lab File: BF137477.D  
 Acq: 04 Mar 2024 13:17

Tgt Ion:264 Resp: 517566  
 Ion Ratio Lower Upper  
 264 100  
 260 24.5 19.3 28.9  
 265 21.6 17.4 26.0

