

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF030823\  
 Data File : BF132707.D  
 Acq On : 09 Mar 2023 00:13  
 Operator : CG\JU  
 Sample : 01829-04  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SS-04-20230306

Quant Time: Mar 09 04:02:54 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF022223.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Mar 07 13:42:31 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.992  | 152  | 140266   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.281  | 136  | 482513   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10        | 10.039 | 164  | 243502   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.533 | 188  | 466918   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12            | 14.198 | 240  | 240628   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12            | 15.751 | 264  | 210481   | 20.000 | ng    | 0.01     |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.628  | 112  | 680014   | 78.682 | ng    | 0.01     |
| 7) Phenol-d6                | 6.628  | 99   | 814209   | 72.186 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.551  | 82   | 455143   | 44.753 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 10.833 | 330  | 140027   | 53.248 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.351  | 172  | 991584   | 62.006 | ng    | 0.00     |
| 79) Terphenyl-d14           | 13.127 | 244  | 1078603  | 75.787 | ng    | 0.00     |

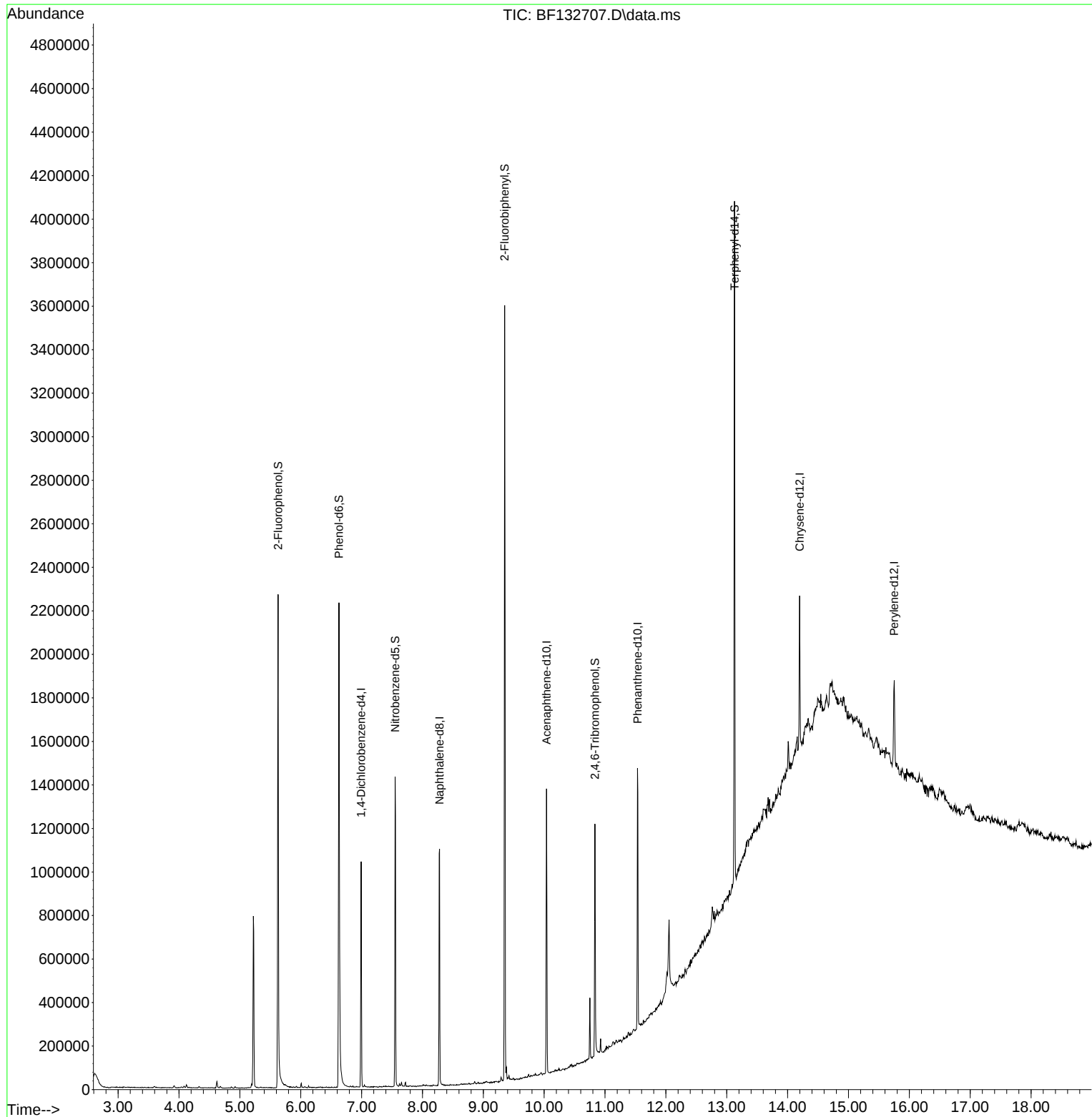
Target Compounds Qvalue

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

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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF022223.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Mar 07 13:42:31 2023  
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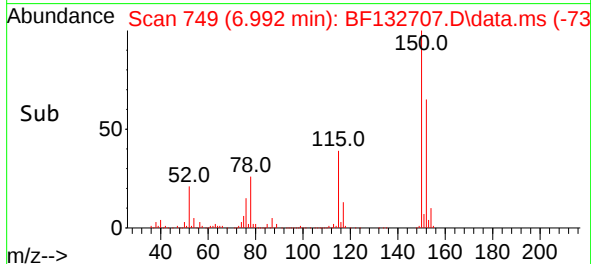
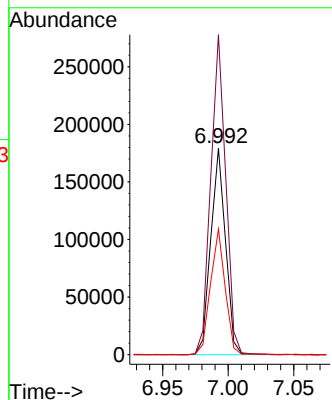
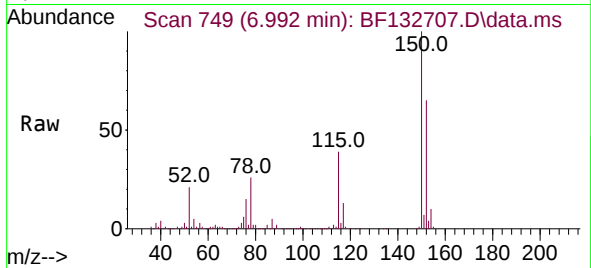




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.992 min Scan# 74  
Delta R.T. -0.001 min  
Lab File: BF132707.D  
Acq: 09 Mar 2023 00:13

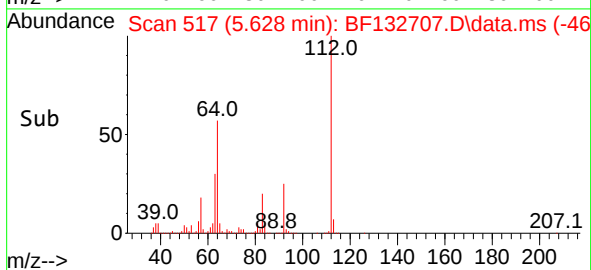
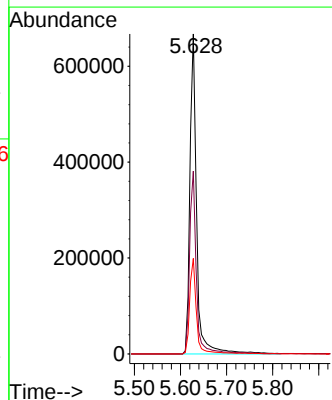
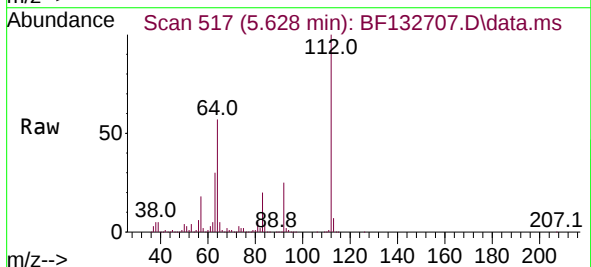
Instrument :  
BNA\_F  
ClientSampleId :  
SS-04-20230306

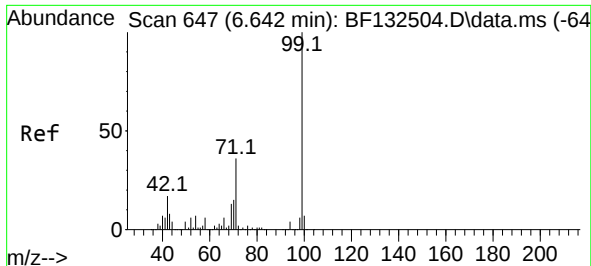
Tgt Ion:152 Resp: 140266  
Ion Ratio Lower Upper  
152 100  
150 154.9 125.4 188.2  
115 60.8 47.8 71.6



#5  
2-Fluorophenol  
Concen: 78.682 ng  
RT: 5.628 min Scan# 517  
Delta R.T. 0.012 min  
Lab File: BF132707.D  
Acq: 09 Mar 2023 00:13

Tgt Ion:112 Resp: 680014  
Ion Ratio Lower Upper  
112 100  
64 57.1 51.6 77.4  
63 29.8 27.4 41.2

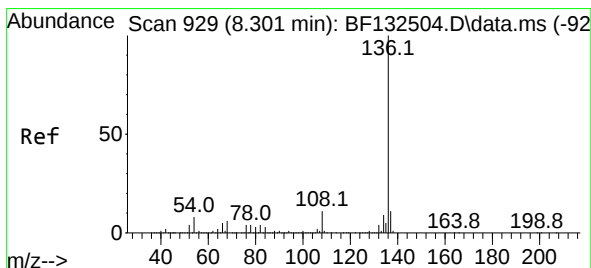
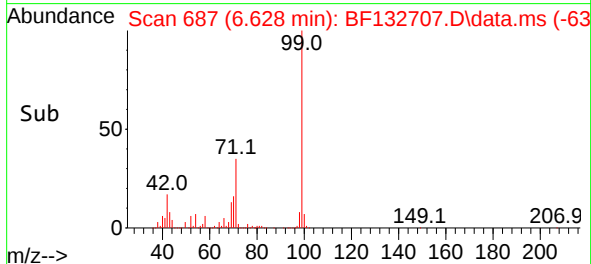
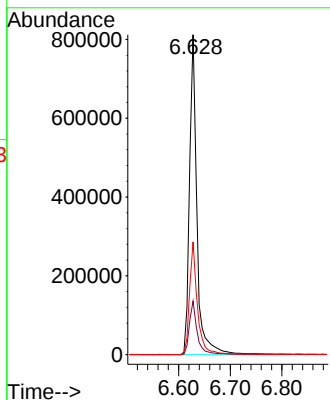
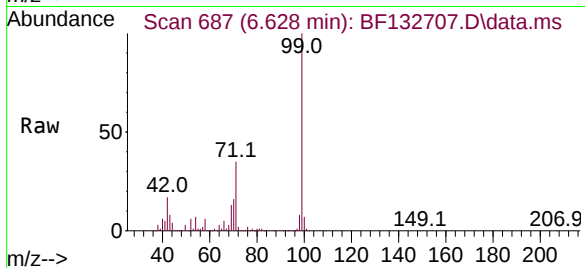




#7  
Phenol-d6  
Concen: 72.186 ng  
RT: 6.628 min Scan# 61  
Delta R.T. 0.006 min  
Lab File: BF132707.D  
Acq: 09 Mar 2023 00:13

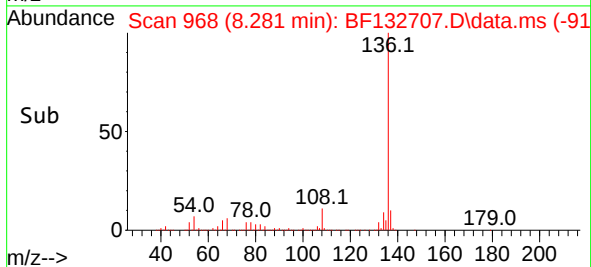
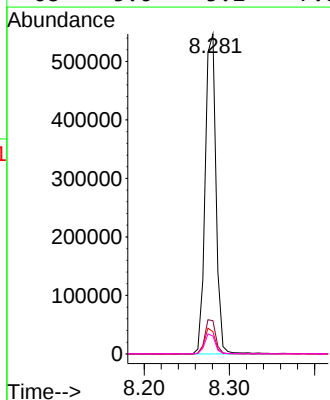
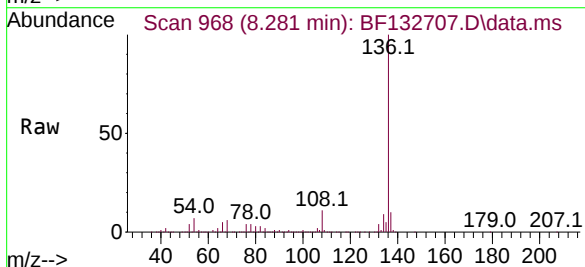
Instrument :  
BNA\_F  
ClientSampleId :  
SS-04-20230306

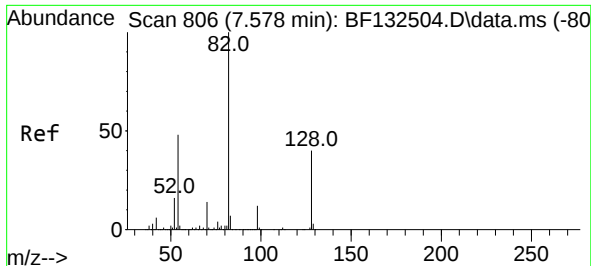
Tgt Ion: 99 Resp: 814209  
Ion Ratio Lower Upper  
99 100  
42 16.7 13.9 20.9  
71 35.2 28.5 42.7



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.281 min Scan# 968  
Delta R.T. -0.000 min  
Lab File: BF132707.D  
Acq: 09 Mar 2023 00:13

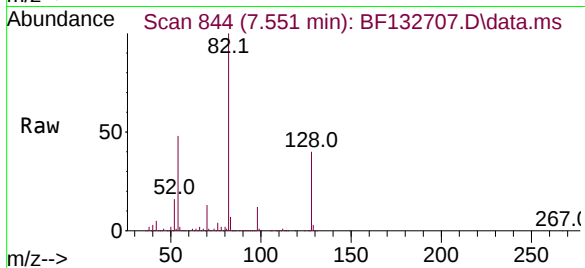
Tgt Ion: 136 Resp: 482513  
Ion Ratio Lower Upper  
136 100  
137 10.4 8.9 13.3  
54 6.9 6.2 9.4  
68 5.6 5.2 7.8



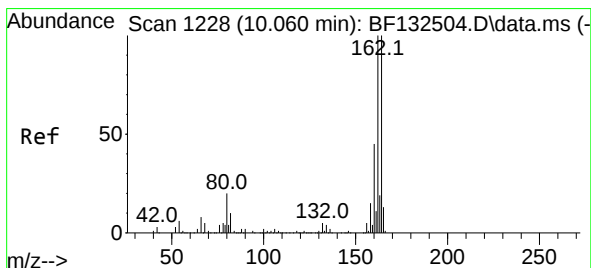
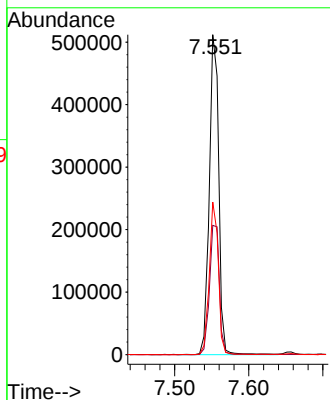
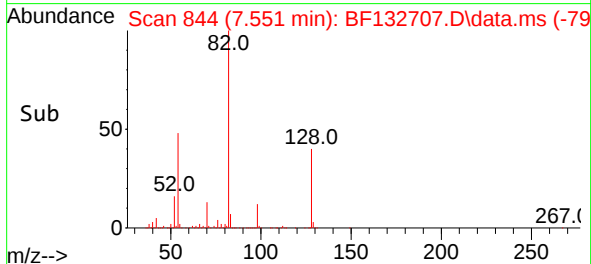


#23  
Nitrobenzene-d5  
Concen: 44.753 ng  
RT: 7.551 min Scan# 84  
Delta R.T. -0.012 min  
Lab File: BF132707.D  
Acq: 09 Mar 2023 00:13

Instrument :  
BNA\_F  
ClientSampleId :  
SS-04-20230306

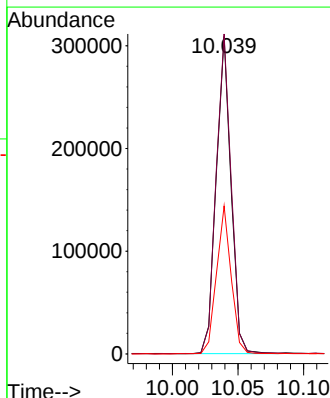
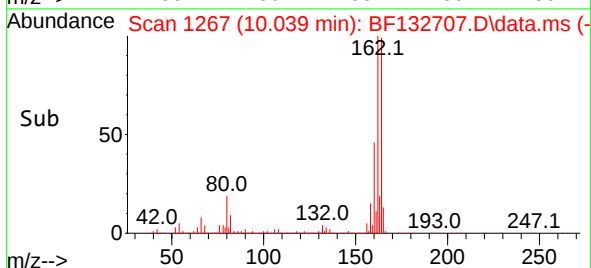
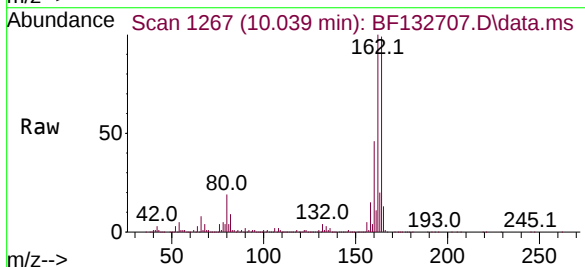


Tgt Ion: 82 Resp: 455143  
Ion Ratio Lower Upper  
82 100  
128 40.4 32.2 48.2  
54 47.7 38.4 57.6



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 10.039 min Scan# 1267  
Delta R.T. -0.000 min  
Lab File: BF132707.D  
Acq: 09 Mar 2023 00:13

Tgt Ion: 164 Resp: 243502  
Ion Ratio Lower Upper  
164 100  
162 100.8 79.8 119.8  
160 46.6 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 53.248 ng

RT: 10.833 min Scan# 1402

Delta R.T. -0.000 min

Lab File: BF132707.D

Acq: 09 Mar 2023 00:13

Instrument :

BNA\_F

ClientSampleId :

SS-04-20230306

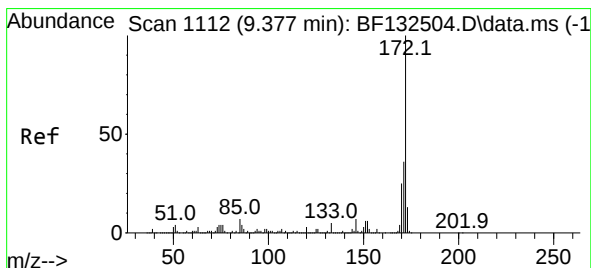
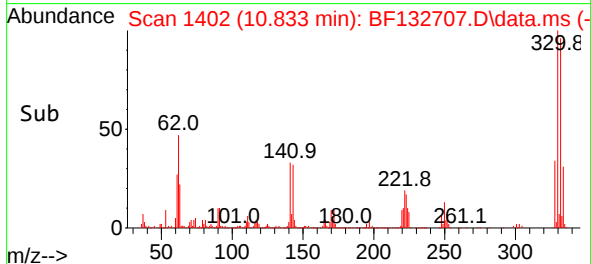
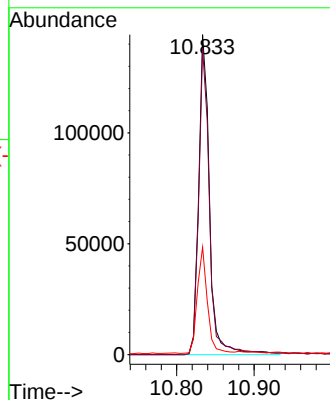
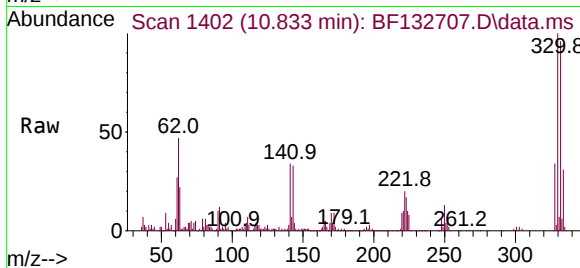
Tgt Ion:330 Resp: 140027

Ion Ratio Lower Upper

330 100

332 95.8 76.2 114.4

141 30.9 28.4 42.6



#45

2-Fluorobiphenyl

Concen: 62.006 ng

RT: 9.351 min Scan# 1150

Delta R.T. -0.006 min

Lab File: BF132707.D

Acq: 09 Mar 2023 00:13

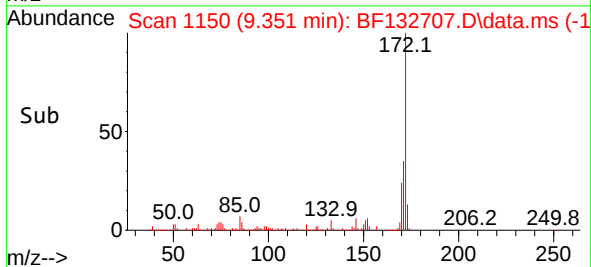
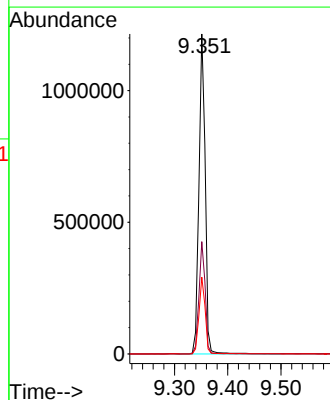
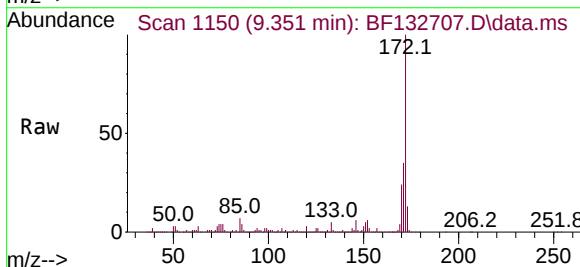
Tgt Ion:172 Resp: 991584

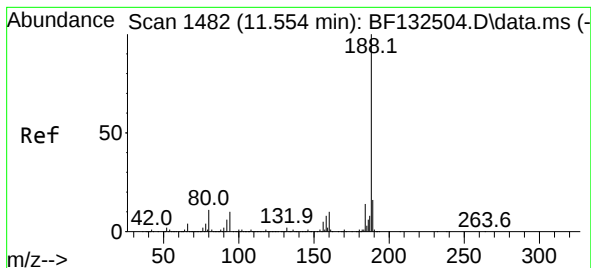
Ion Ratio Lower Upper

172 100

171 35.1 28.8 43.2

170 24.0 19.7 29.5





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.533 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF132707.D

Acq: 09 Mar 2023 00:13

Instrument :

BNA\_F

ClientSampleId :

SS-04-20230306

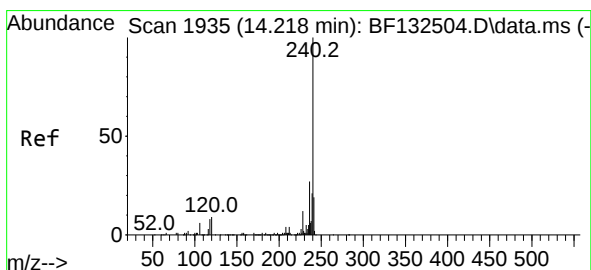
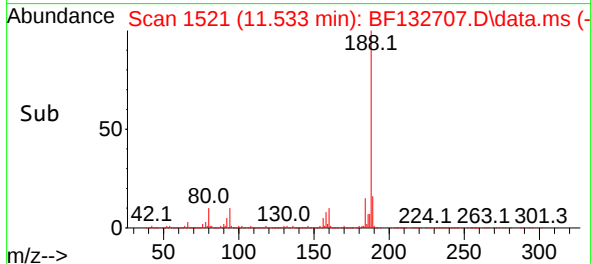
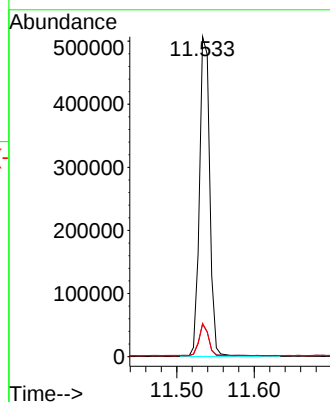
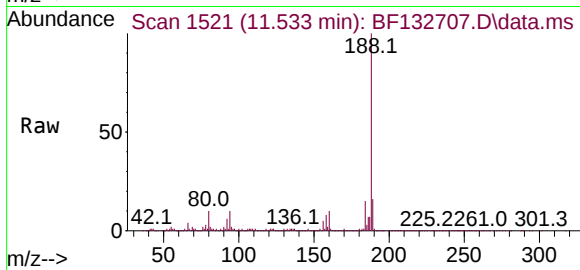
Tgt Ion:188 Resp: 466918

Ion Ratio Lower Upper

188 100

94 10.2 8.3 12.5

80 10.4 8.7 13.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.198 min Scan# 1974

Delta R.T. -0.000 min

Lab File: BF132707.D

Acq: 09 Mar 2023 00:13

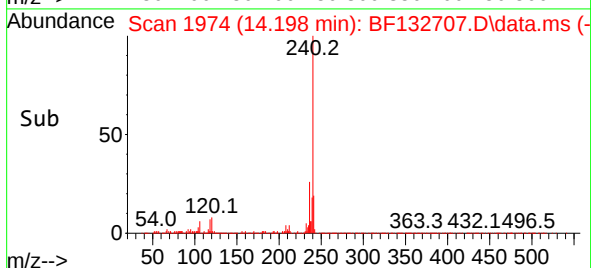
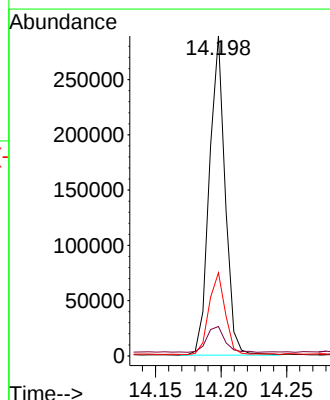
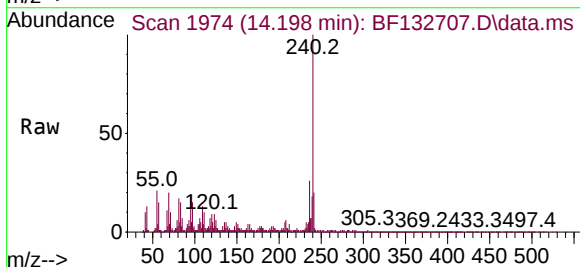
Tgt Ion:240 Resp: 240628

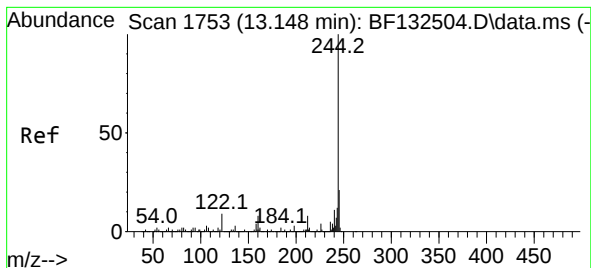
Ion Ratio Lower Upper

240 100

120 9.2 7.2 10.8

236 26.0 21.8 32.6





#79

Terphenyl-d14

Concen: 75.787 ng

RT: 13.127 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF132707.D

Acq: 09 Mar 2023 00:13

Instrument :

BNA\_F

ClientSampleId :

SS-04-20230306

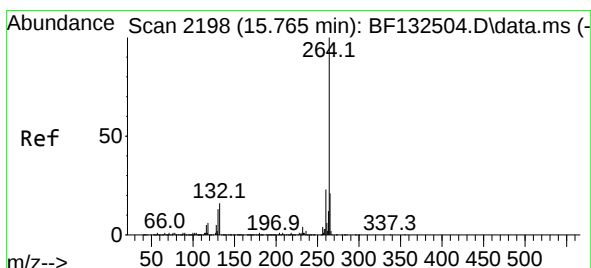
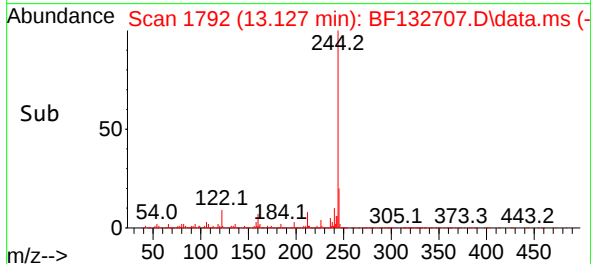
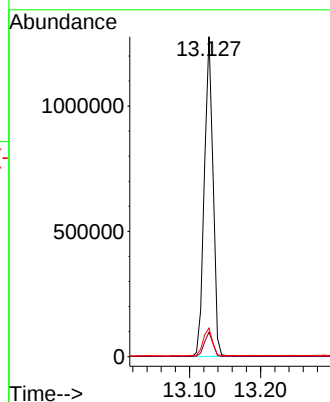
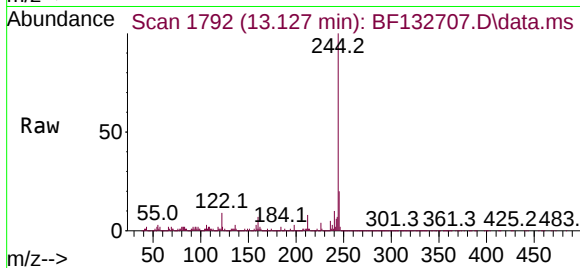
Tgt Ion:244 Resp: 1078603

Ion Ratio Lower Upper

244 100

212 7.6 6.5 9.7

122 8.9 7.5 11.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.751 min Scan# 2238

Delta R.T. 0.012 min

Lab File: BF132707.D

Acq: 09 Mar 2023 00:13

Tgt Ion:264 Resp: 210481

Ion Ratio Lower Upper

264 100

260 24.9 18.8 28.2

265 22.1 17.1 25.7

