

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF080422\  
 Data File : BF129570.D  
 Acq On : 04 Aug 2022 14:40  
 Operator : CG\JU  
 Sample : N3931-20  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 RVE-131

Quant Time: Aug 05 02:08:30 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF072522.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Aug 05 02:05:37 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.857  | 152  | 145980   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.145  | 136  | 588175   | 20.000 | ng    | # 0.00   |
| 39) Acenaphthene-d10        | 9.898  | 164  | 299871   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.386 | 188  | 421589   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12            | 14.027 | 240  | 293649   | 20.000 | ng    | -0.01    |
| 86) Perylene-d12            | 15.510 | 264  | 344413   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.498  | 112  | 747918   | 83.461 | ng    | 0.00     |
| 7) Phenol-d6                | 6.504  | 99   | 938171   | 83.290 | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 7.422  | 82   | 623469   | 57.864 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 10.692 | 330  | 218842   | 75.907 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.216  | 172  | 1165078  | 60.103 | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.969 | 244  | 877064   | 56.348 | ng    | -0.01    |

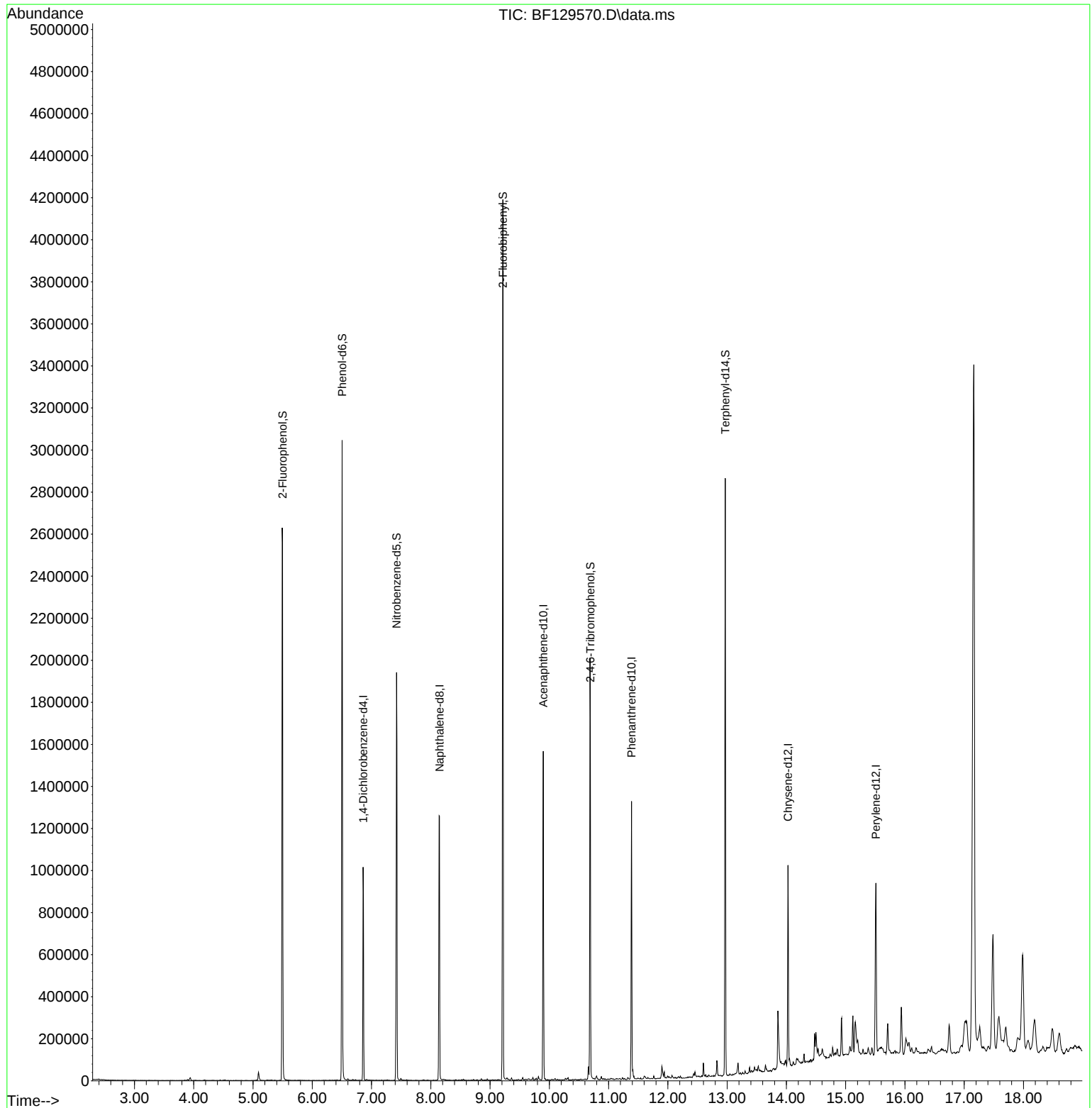
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

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

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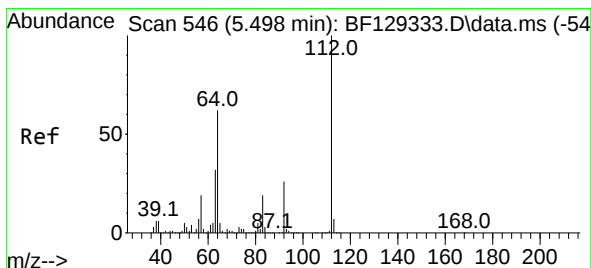
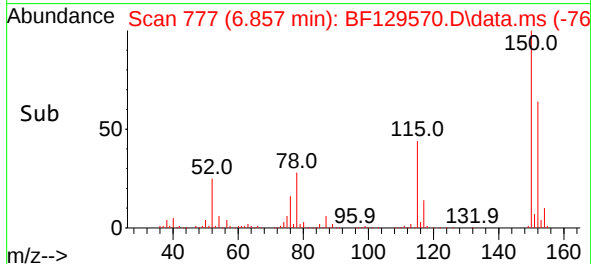
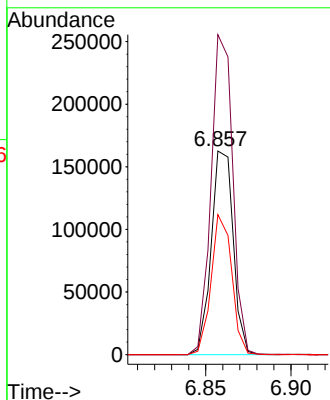
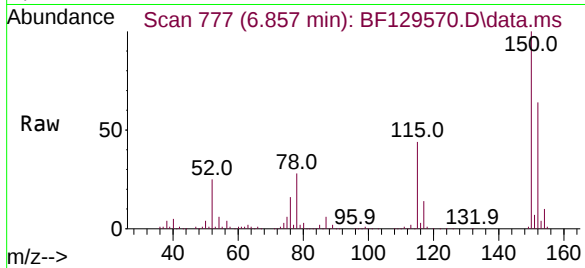




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.857 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BF129570.D  
Acq: 04 Aug 2022 14:40

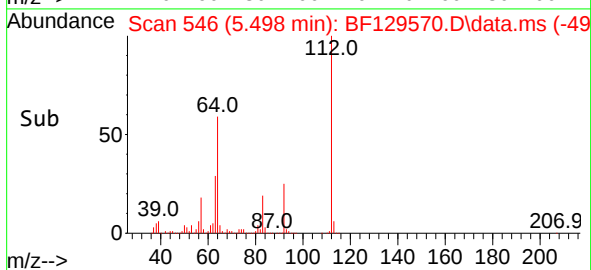
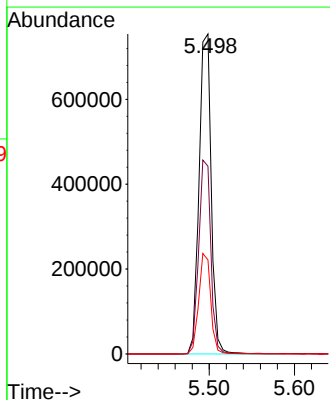
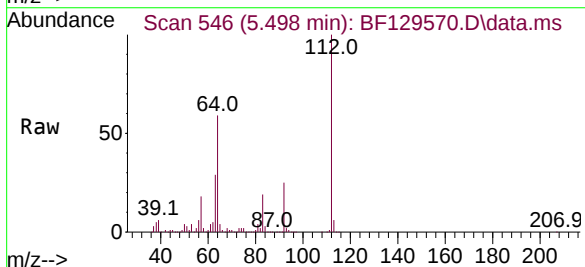
Instrument :  
BNA\_F  
ClientSampleId :  
RVE-131

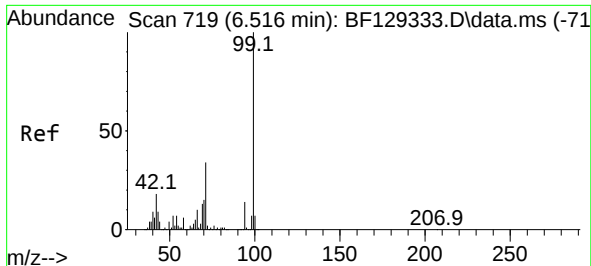
Tgt Ion:152 Resp: 145980  
Ion Ratio Lower Upper  
152 100  
150 157.1 123.7 185.5  
115 68.7 49.9 74.9



#5  
2-Fluorophenol  
Concen: 83.461 ng  
RT: 5.498 min Scan# 546  
Delta R.T. 0.006 min  
Lab File: BF129570.D  
Acq: 04 Aug 2022 14:40

Tgt Ion:112 Resp: 747918  
Ion Ratio Lower Upper  
112 100  
64 58.6 53.3 79.9  
63 29.4 28.0 42.0





#7

Phenol-d6

Concen: 83.290 ng

RT: 6.504 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF129570.D

Acq: 04 Aug 2022 14:40

Instrument :

BNA\_F

ClientSampleId :

RVE-131

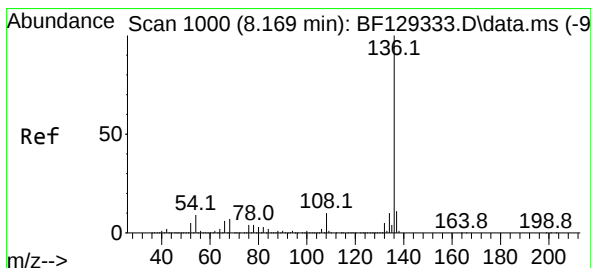
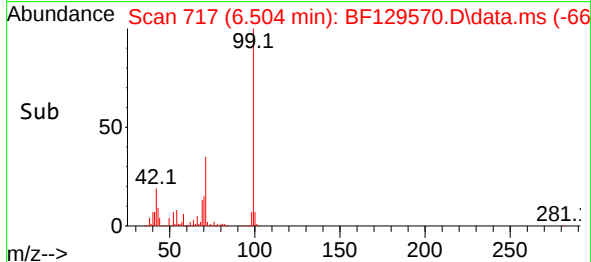
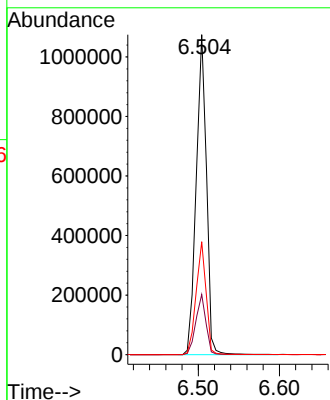
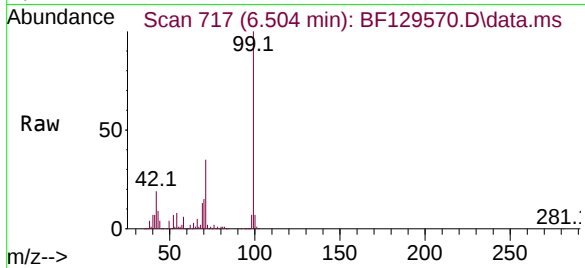
Tgt Ion: 99 Resp: 938171

Ion Ratio Lower Upper

99 100

42 18.8 17.3 25.9

71 35.3 28.9 43.3



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.145 min Scan# 996

Delta R.T. -0.000 min

Lab File: BF129570.D

Acq: 04 Aug 2022 14:40

Tgt Ion: 136 Resp: 588175

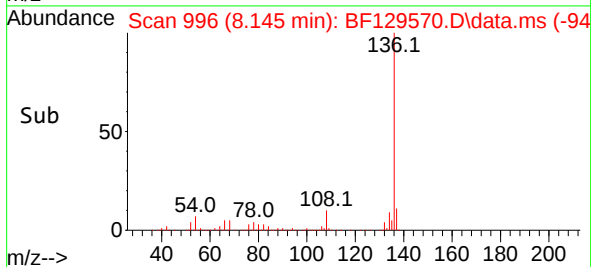
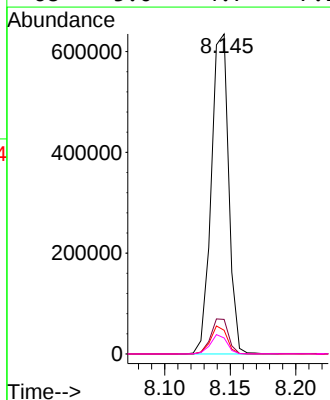
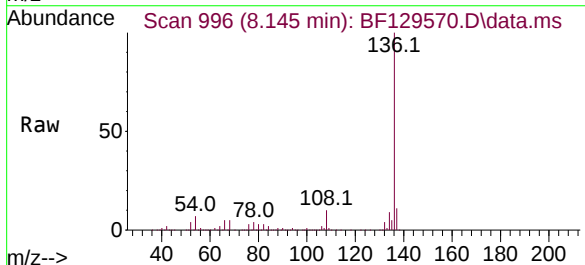
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 7.4 7.5 11.3

68 5.0 4.7 7.1

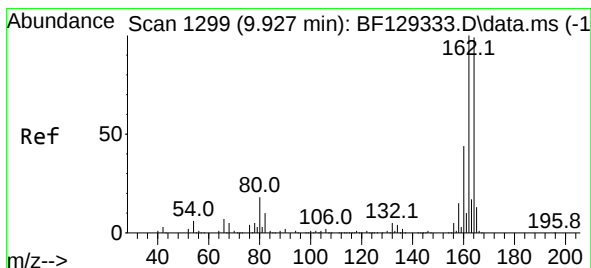
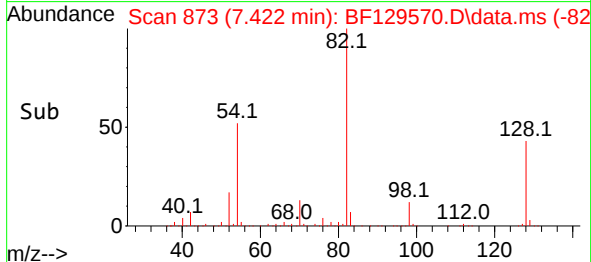
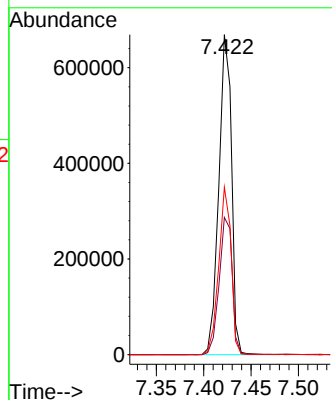
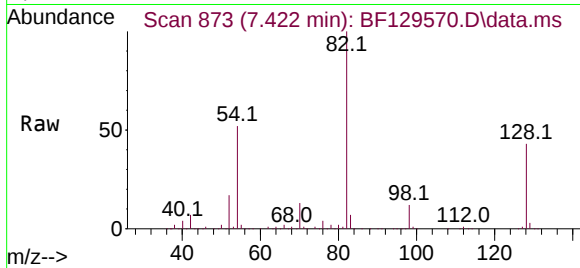




#23  
Nitrobenzene-d5  
Concen: 57.864 ng  
RT: 7.422 min Scan# 81  
Delta R.T. -0.012 min  
Lab File: BF129570.D  
Acq: 04 Aug 2022 14:40

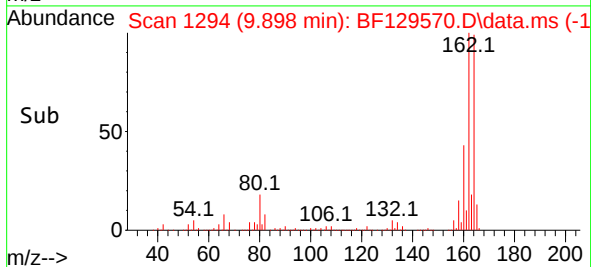
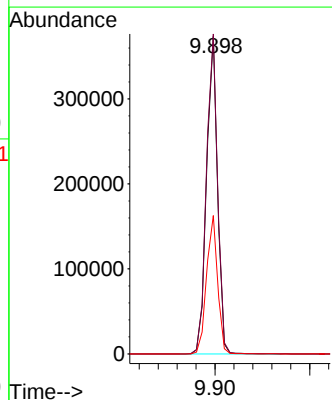
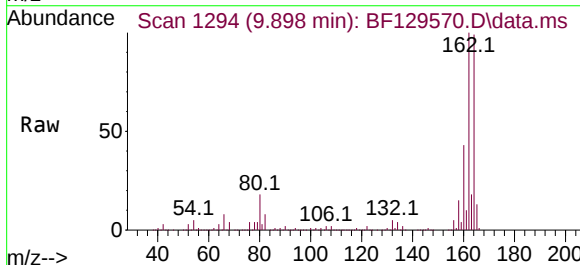
Instrument :  
BNA\_F  
ClientSampleId :  
RVE-131

Tgt Ion: 82 Resp: 623469  
Ion Ratio Lower Upper  
82 100  
128 42.9 34.0 51.0  
54 52.3 46.9 70.3



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.898 min Scan# 1294  
Delta R.T. -0.006 min  
Lab File: BF129570.D  
Acq: 04 Aug 2022 14:40

Tgt Ion:164 Resp: 299871  
Ion Ratio Lower Upper  
164 100  
162 100.8 79.5 119.3  
160 43.6 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 75.907 ng

RT: 10.692 min Scan# 1434

Delta R.T. -0.006 min

Lab File: BF129570.D

Acq: 04 Aug 2022 14:40

Instrument :

BNA\_F

ClientSampleId :

RVE-131

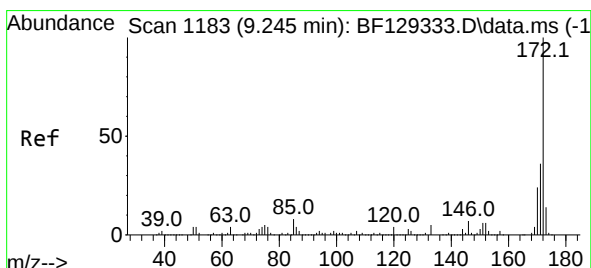
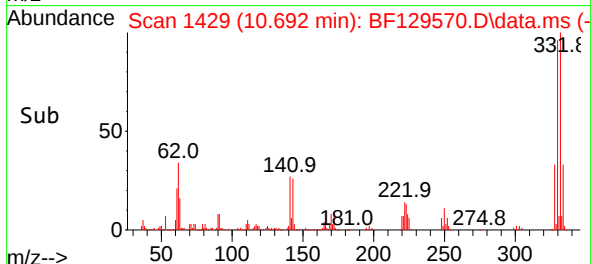
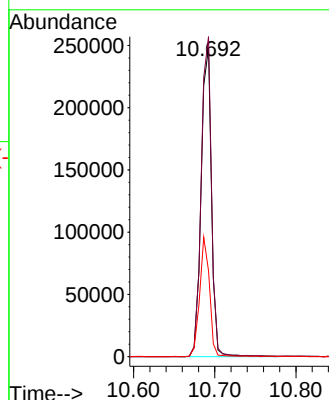
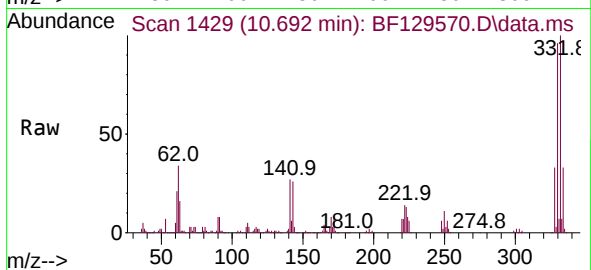
Tgt Ion:330 Resp: 218842

Ion Ratio Lower Upper

330 100

332 103.4 76.8 115.2

141 36.8 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 60.103 ng

RT: 9.216 min Scan# 1178

Delta R.T. -0.006 min

Lab File: BF129570.D

Acq: 04 Aug 2022 14:40

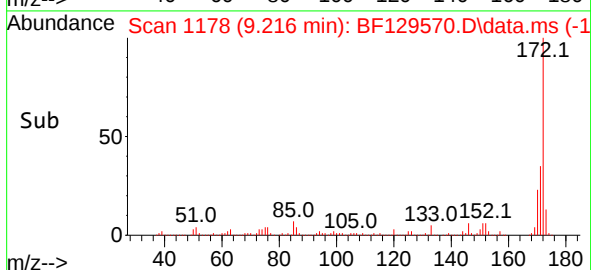
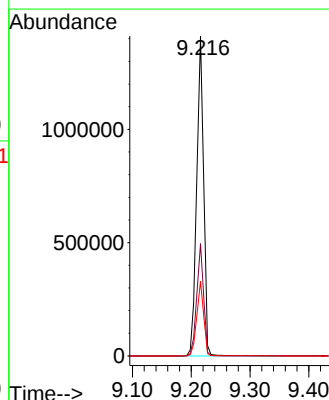
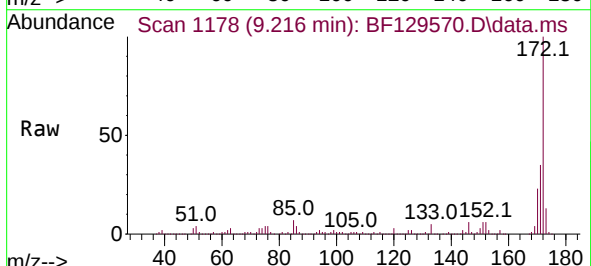
Tgt Ion:172 Resp: 1165078

Ion Ratio Lower Upper

172 100

171 35.1 28.8 43.2

170 23.3 19.8 29.8

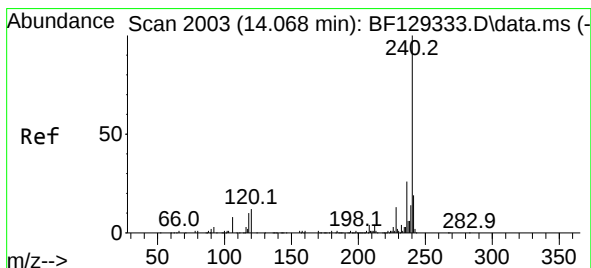
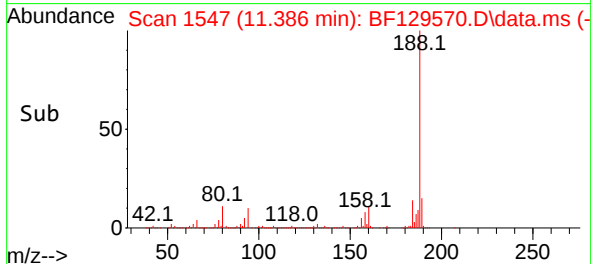
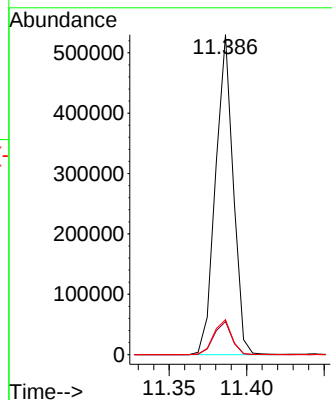
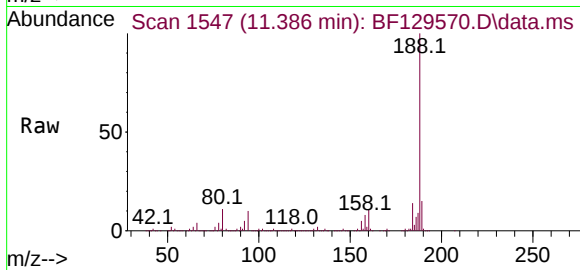




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.386 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF129570.D  
Acq: 04 Aug 2022 14:40

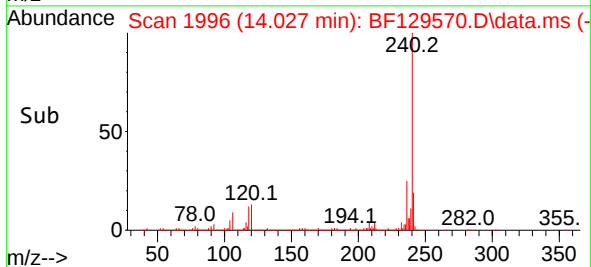
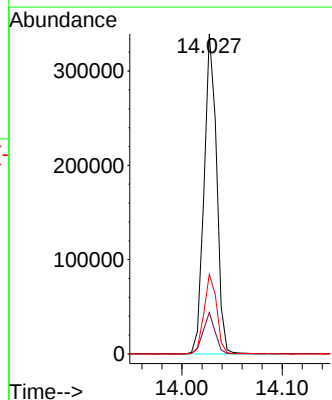
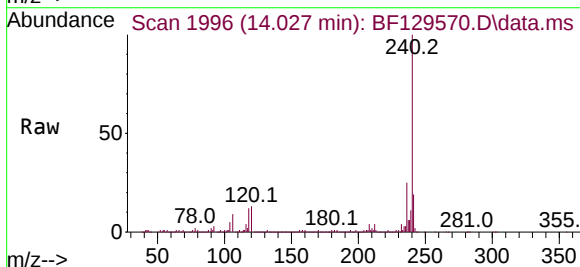
Instrument :  
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ClientSampleId :  
RVE-131

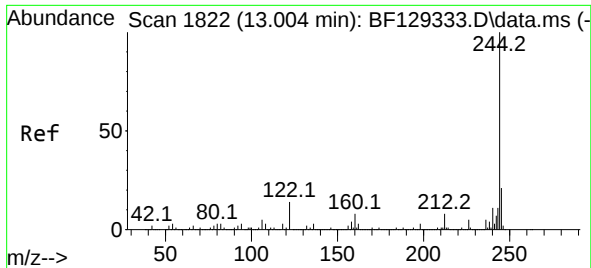
Tgt Ion:188 Resp: 421589  
Ion Ratio Lower Upper  
188 100  
94 10.3 7.0 10.6  
80 11.0 7.6 11.4



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.027 min Scan# 1996  
Delta R.T. -0.012 min  
Lab File: BF129570.D  
Acq: 04 Aug 2022 14:40

Tgt Ion:240 Resp: 293649  
Ion Ratio Lower Upper  
240 100  
120 12.9 8.9 13.3  
236 24.9 20.8 31.2

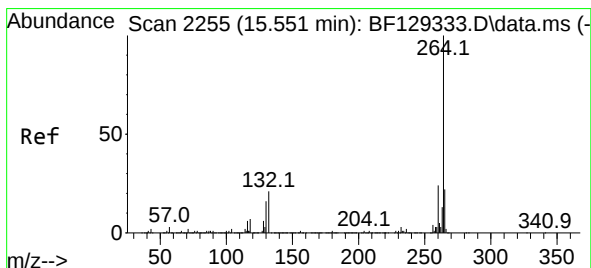
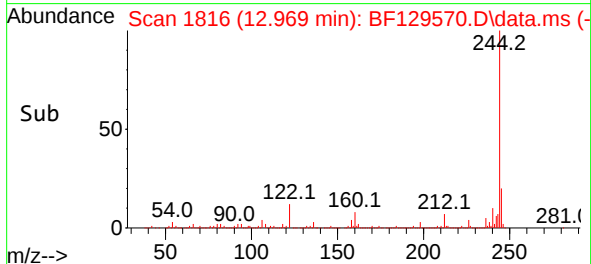
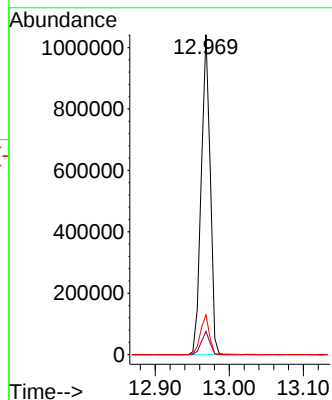
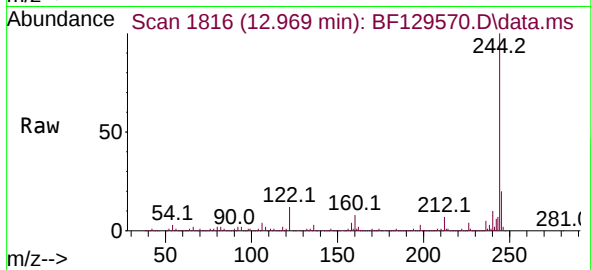




#79  
 Terphenyl-d14  
 Concen: 56.348 ng  
 RT: 12.969 min Scan# 1816  
 Delta R.T. -0.012 min  
 Lab File: BF129570.D  
 Acq: 04 Aug 2022 14:40

Instrument :  
 BNA\_F  
 ClientSampleId :  
 RVE-131

Tgt Ion:244 Resp: 877064  
 Ion Ratio Lower Upper  
 244 100  
 212 7.2 6.1 9.1  
 122 12.4 8.8 13.2



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.510 min Scan# 2248  
 Delta R.T. -0.006 min  
 Lab File: BF129570.D  
 Acq: 04 Aug 2022 14:40

Tgt Ion:264 Resp: 344413  
 Ion Ratio Lower Upper  
 264 100  
 260 23.6 18.4 27.6  
 265 22.0 17.2 25.8

