

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

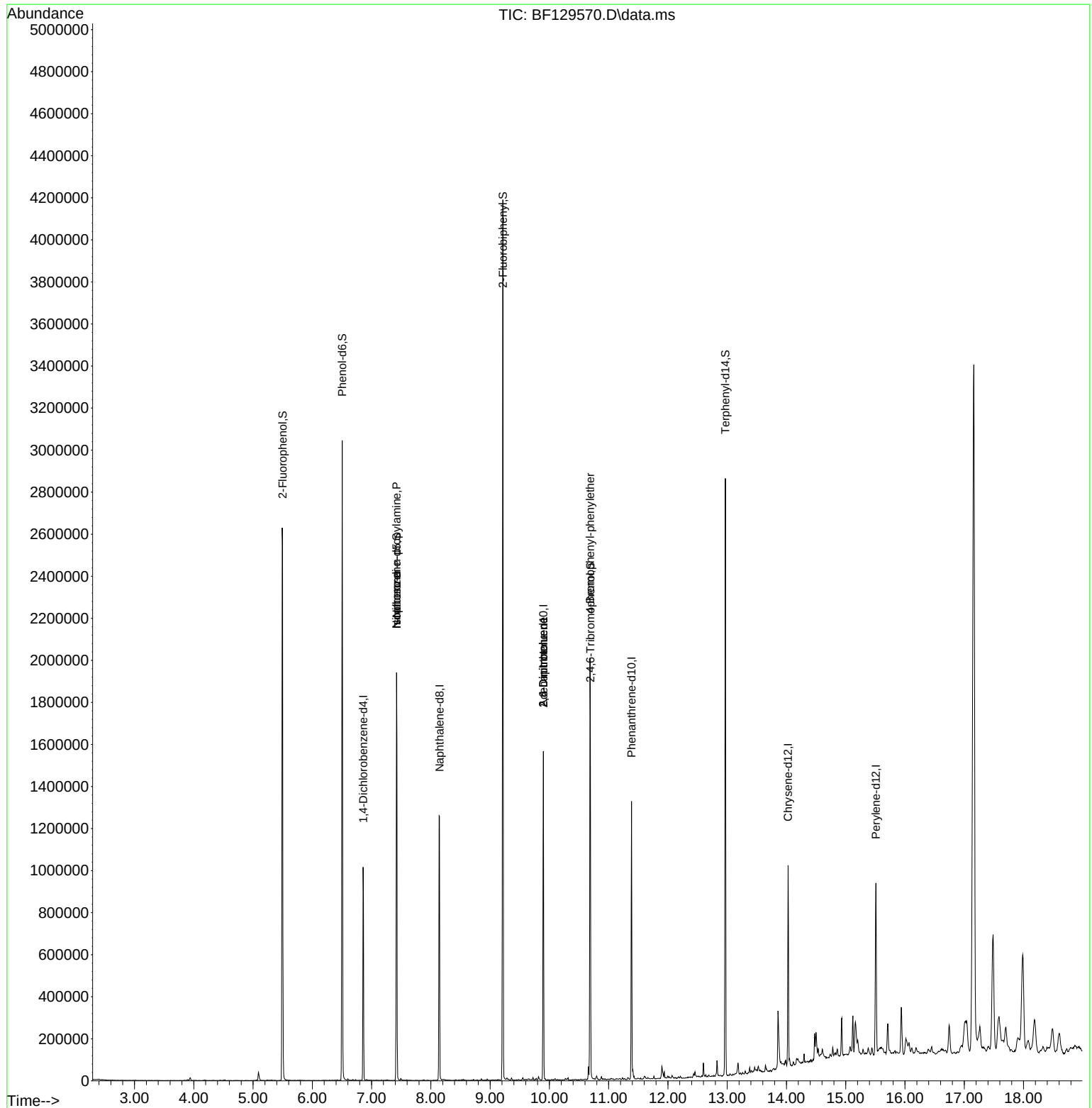
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 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              |        |      |          |        |       |          |
| 19) n-Nitroso-di-n-propyla... | 7.422  | 70   | 81319    | 11.925 | ng    | # 75     |
| 25) Isophorone                | 7.422  | 82   | 616998   | 31.946 | ng    | # 65     |
| 51) 2,6-Dinitrotoluene        | 9.898  | 165  | 39002    | 8.418  | ng    | # 25     |
| 57) 2,4-Dinitrotoluene        | 9.898  | 165  | 39002    | 6.444  | ng    | # 21     |
| 67) 4-Bromophenyl-phenylether | 10.686 | 248  | 14449    | 3.130  | ng    | # 1      |
| -----                         |        |      |          |        |       |          |

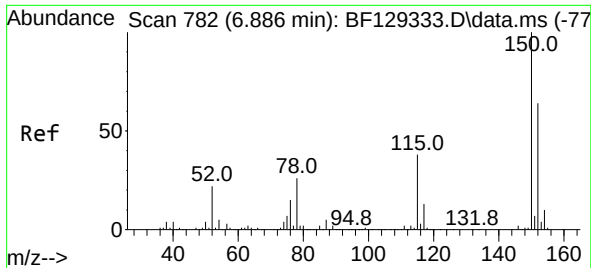
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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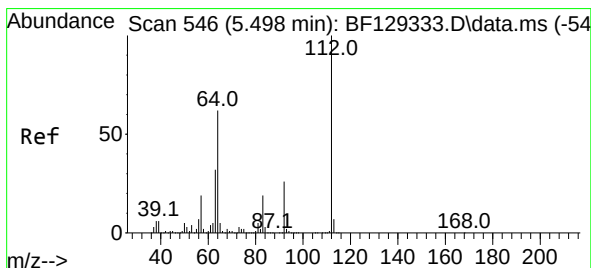
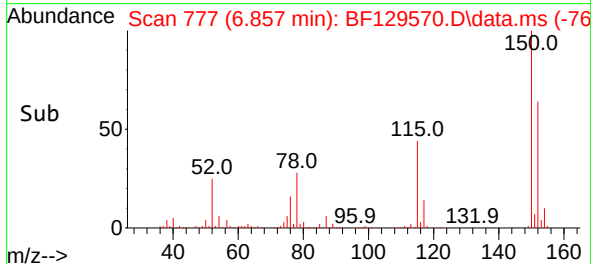
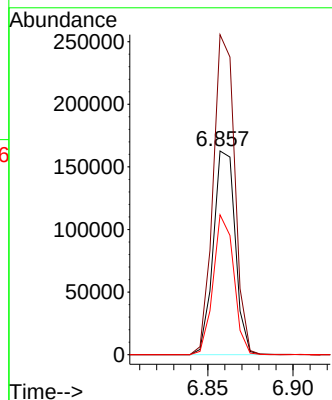
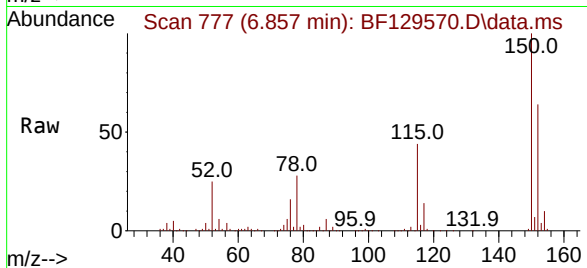




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.857 min Scan# 71  
 Delta R.T. -0.006 min  
 Lab File: BF129570.D  
 Acq: 04 Aug 2022 14:40

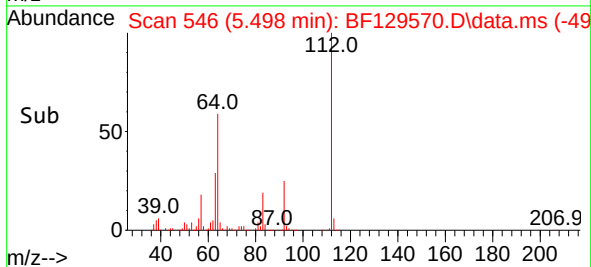
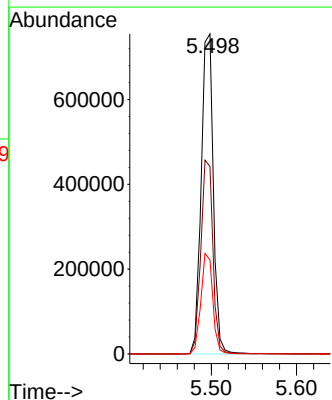
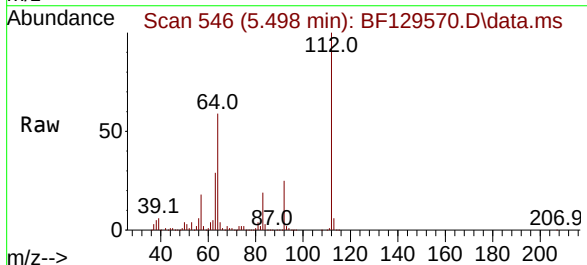
Instrument :  
 BNA\_F  
 ClientSampleId :  
 RVE-131

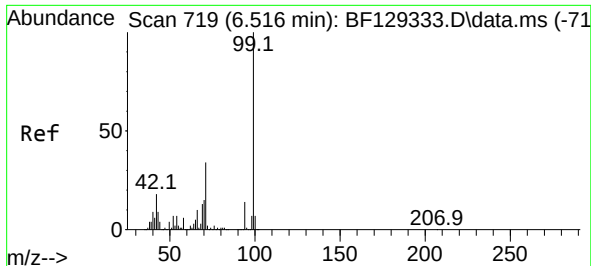
Tgt Ion:152 Resp: 145980  
 Ion Ratio Lower Upper  
 152 100  
 150 157.1 123.7 185.5  
 115 68.7 49.9 74.9



#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

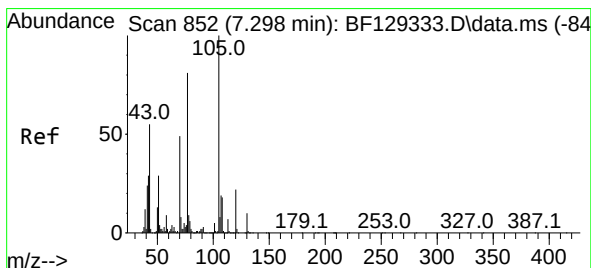
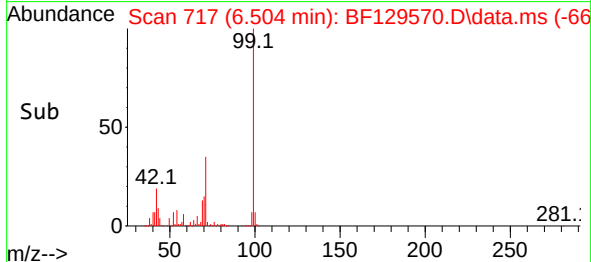
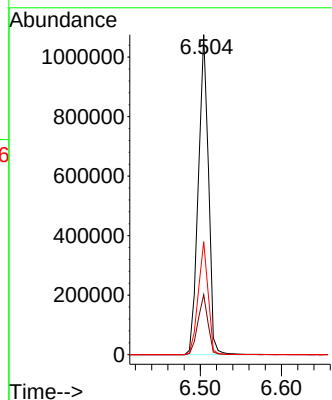
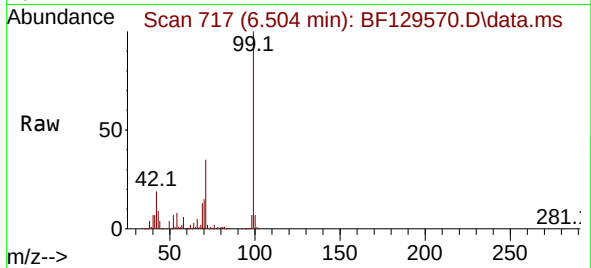




#7  
Phenol-d6  
Concen: 83.290 ng  
RT: 6.504 min Scan# 719  
Delta R.T. -0.012 min  
Lab File: BF129570.D  
Acq: 04 Aug 2022 14:40

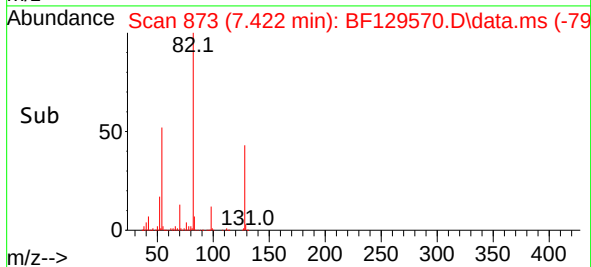
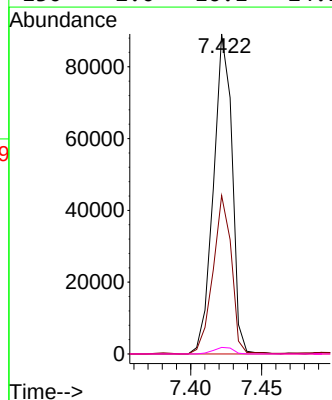
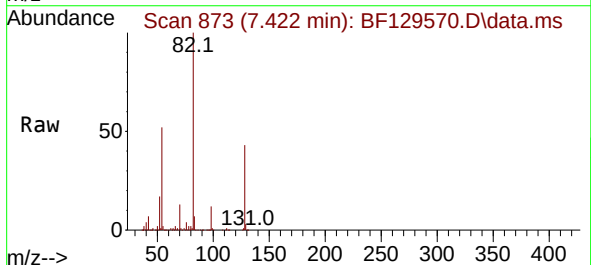
Instrument :  
BNA\_F  
ClientSampleId :  
RVE-131

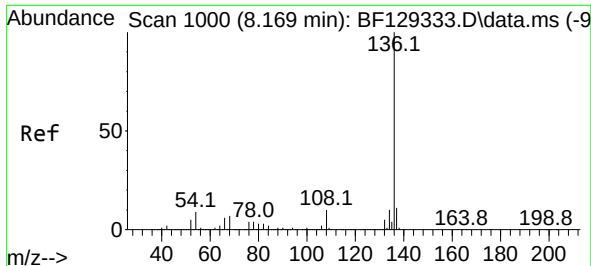
Tgt Ion: 99 Resp: 938171  
Ion Ratio Lower Upper  
99 100  
42 18.8 17.3 25.9  
71 35.3 28.9 43.3



#19  
n-Nitroso-di-n-propylamine  
Concen: 11.925 ng  
RT: 7.422 min Scan# 873  
Delta R.T. 0.141 min  
Lab File: BF129570.D  
Acq: 04 Aug 2022 14:40

Tgt Ion: 70 Resp: 81319  
Ion Ratio Lower Upper  
70 100  
42 49.5 52.3 78.5#  
101 0.0 7.5 11.3#  
130 2.0 16.1 24.1#

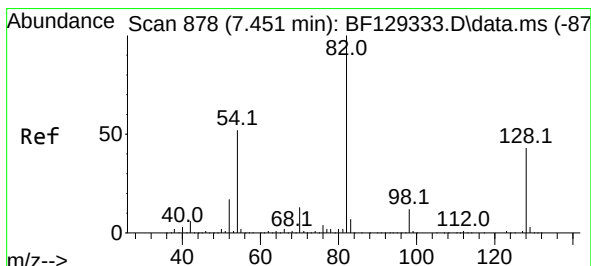
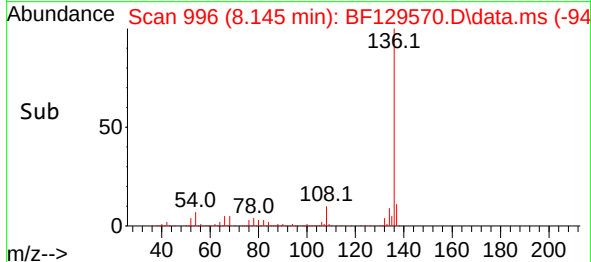
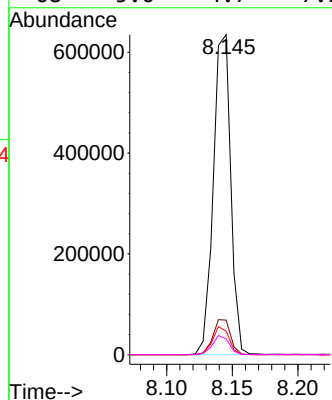
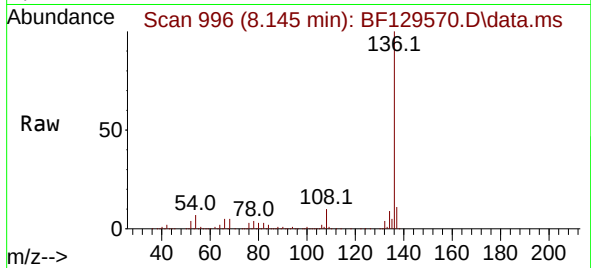




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.145 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: BF129570.D  
Acq: 04 Aug 2022 14:40

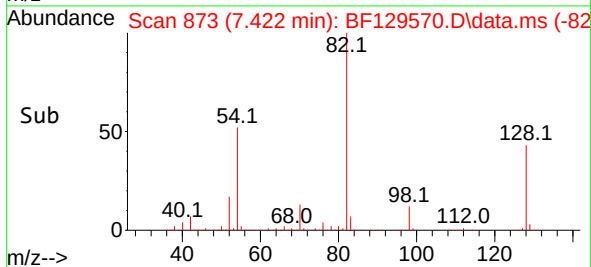
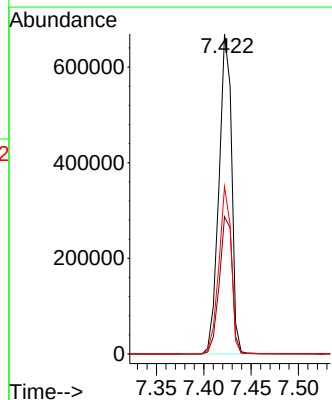
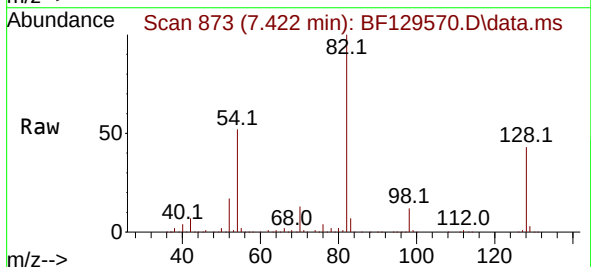
Instrument :  
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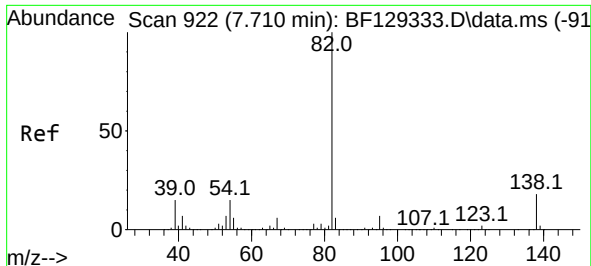
Tgt Ion:136 Resp: 588175  
Ion Ratio Lower Upper  
136 100  
137 10.8 8.8 13.2  
54 7.4 7.5 11.3#  
68 5.0 4.7 7.1



#23  
Nitrobenzene-d5  
Concen: 57.864 ng  
RT: 7.422 min Scan# 873  
Delta R.T. -0.012 min  
Lab File: BF129570.D  
Acq: 04 Aug 2022 14:40

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

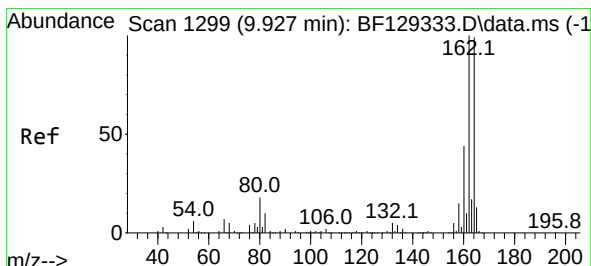
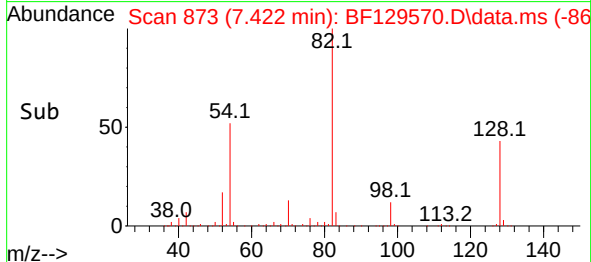
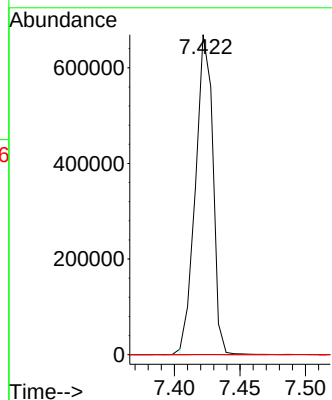
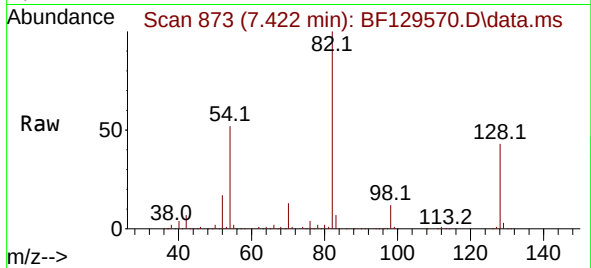




#25  
Isophorone  
Concen: 31.946 ng  
RT: 7.422 min Scan# 81  
Delta R.T. -0.271 min  
Lab File: BF129570.D  
Acq: 04 Aug 2022 14:40

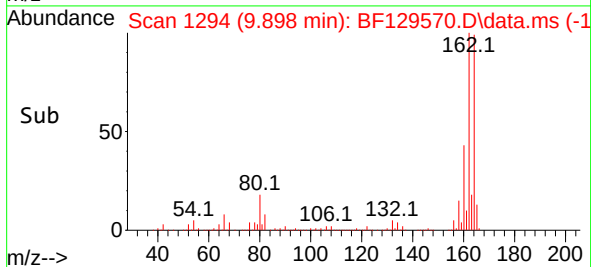
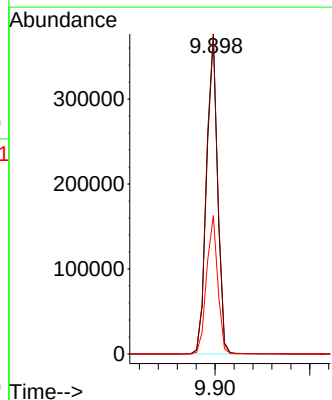
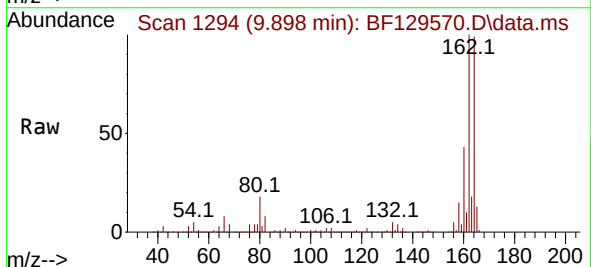
Instrument :  
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RVE-131

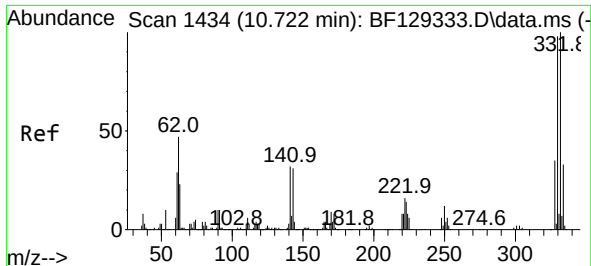
Tgt Ion: 82 Resp: 616998  
Ion Ratio Lower Upper  
82 100  
95 0.1 5.7 8.5#  
138 0.0 14.2 21.2#



#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# 1429

Delta R.T. -0.006 min

Lab File: BF129570.D

Acq: 04 Aug 2022 14:40

Instrument :

BNA\_F

ClientSampleId :

RVE-131

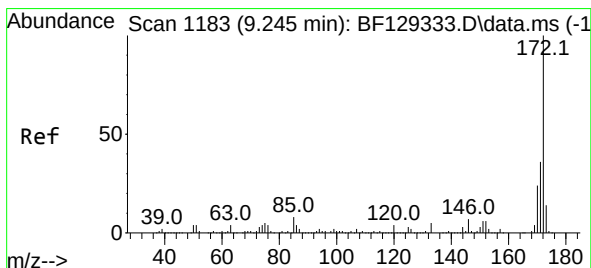
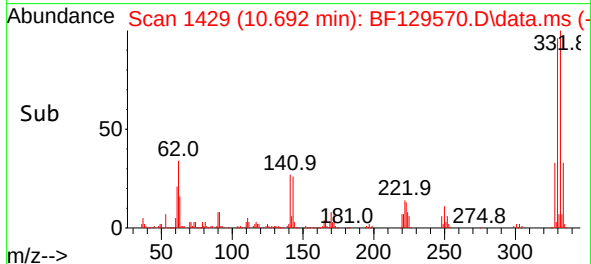
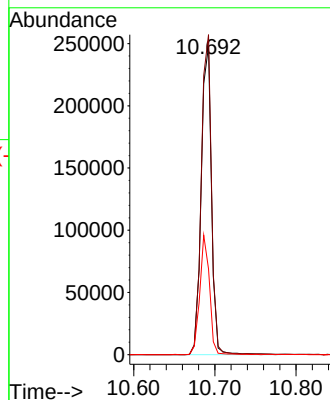
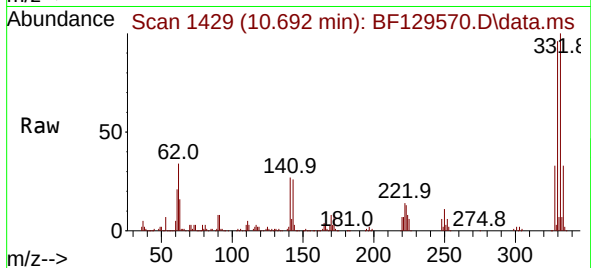
Tgt Ion:330 Resp: 218842

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

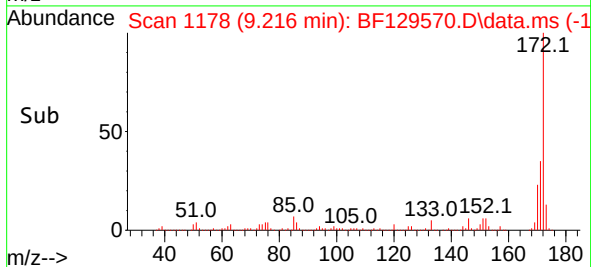
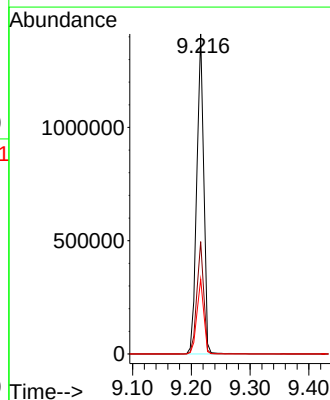
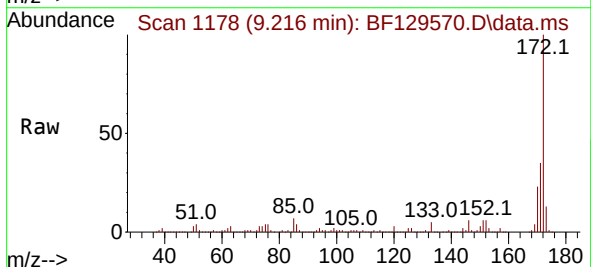
Tgt Ion:172 Resp: 1165078

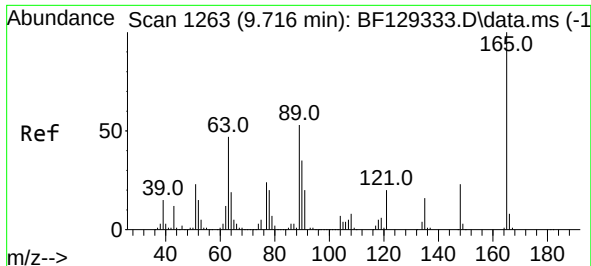
Ion Ratio Lower Upper

172 100

171 35.1 28.8 43.2

170 23.3 19.8 29.8





#51

2,6-Dinitrotoluene

Concen: 8.418 ng

RT: 9.898 min Scan# 1294

Delta R.T. 0.206 min

Lab File: BF129570.D

Acq: 04 Aug 2022 14:40

Instrument :

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ClientSampleId :

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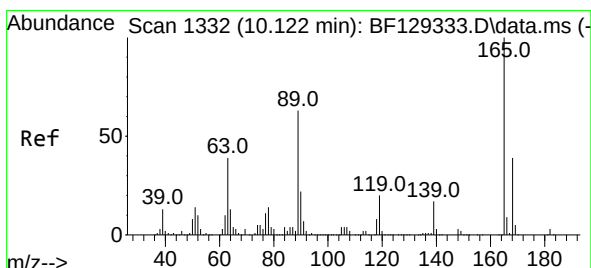
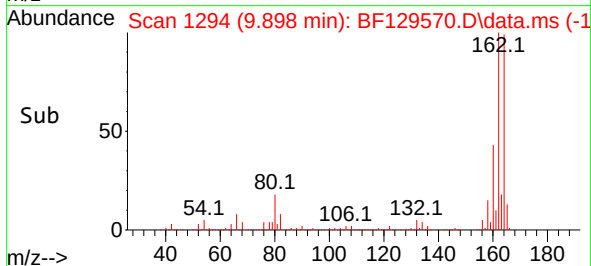
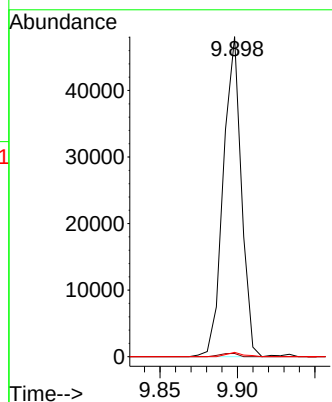
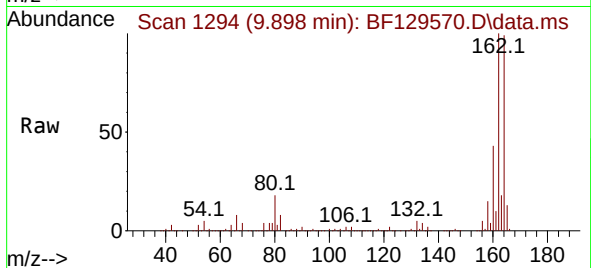
Tgt Ion:165 Resp: 39002

Ion Ratio Lower Upper

165 100

63 1.0 44.9 67.3#

89 1.3 43.6 65.4#



#57

2,4-Dinitrotoluene

Concen: 6.444 ng

RT: 9.898 min Scan# 1294

Delta R.T. -0.200 min

Lab File: BF129570.D

Acq: 04 Aug 2022 14:40

Tgt Ion:165 Resp: 39002

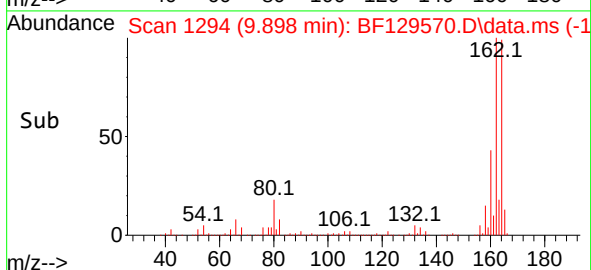
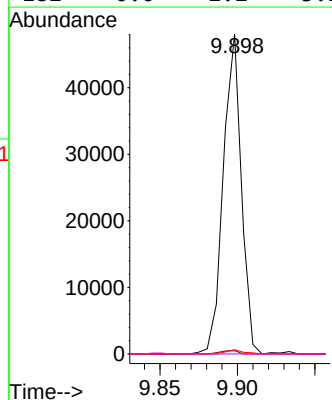
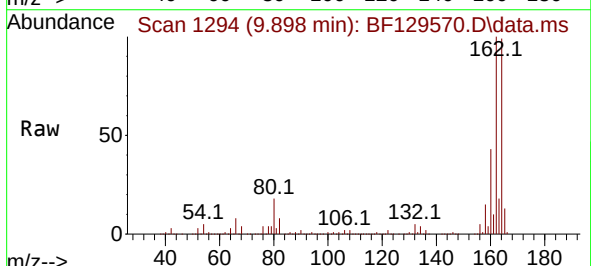
Ion Ratio Lower Upper

165 100

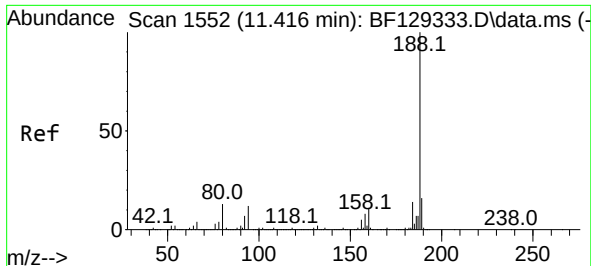
63 1.0 39.8 59.6#

89 1.3 60.2 90.2#

182 0.0 2.2 3.2#



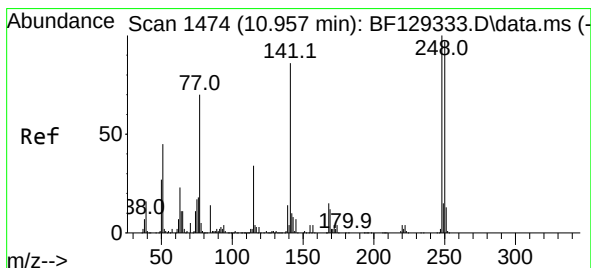
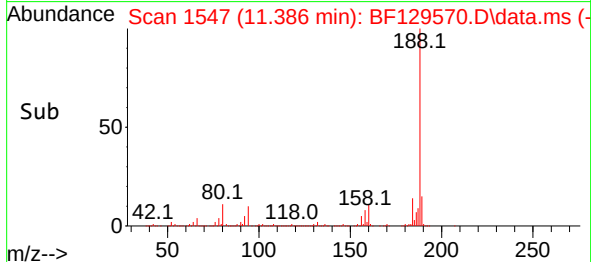
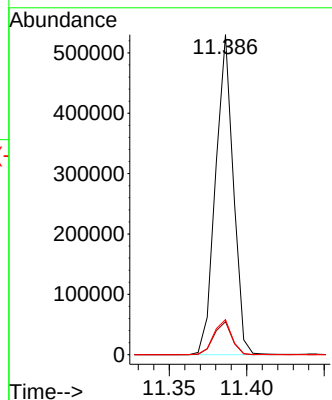
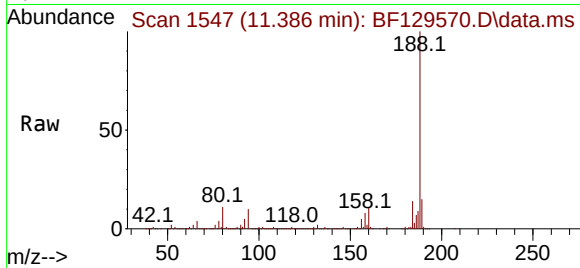




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.386 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF129570.D  
Acq: 04 Aug 2022 14:40

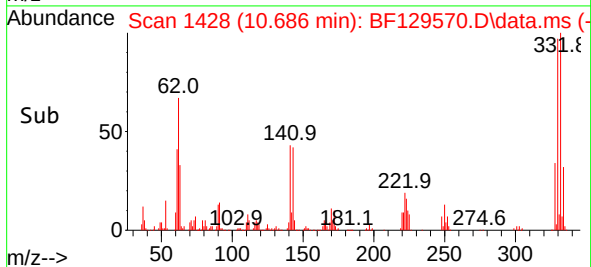
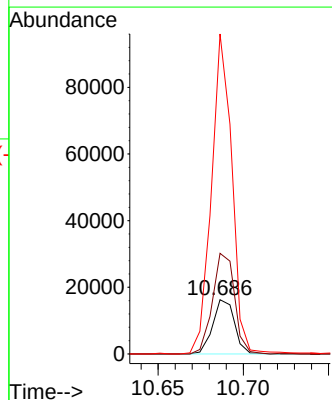
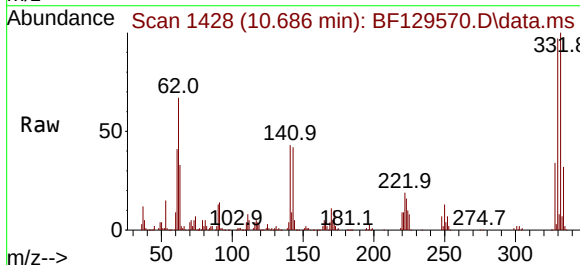
Instrument :  
BNA\_F  
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RVE-131

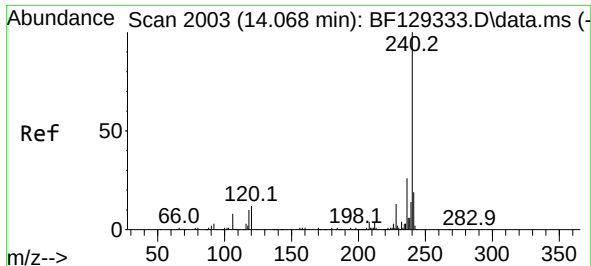
Tgt Ion:188 Resp: 421589  
Ion Ratio Lower Upper  
188 100  
94 10.3 7.0 10.6  
80 11.0 7.6 11.4



#67  
4-Bromophenyl-phenylether  
Concen: 3.130 ng  
RT: 10.686 min Scan# 1428  
Delta R.T. -0.247 min  
Lab File: BF129570.D  
Acq: 04 Aug 2022 14:40

Tgt Ion:248 Resp: 14449  
Ion Ratio Lower Upper  
248 100  
250 185.4 80.6 120.8#  
141 589.1 58.9 88.3#

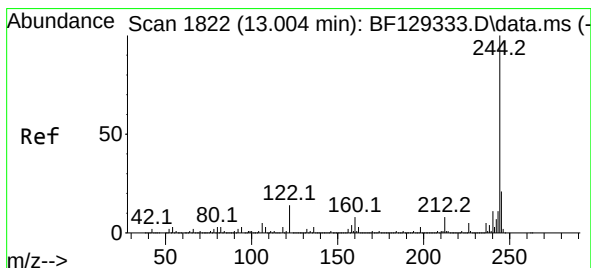
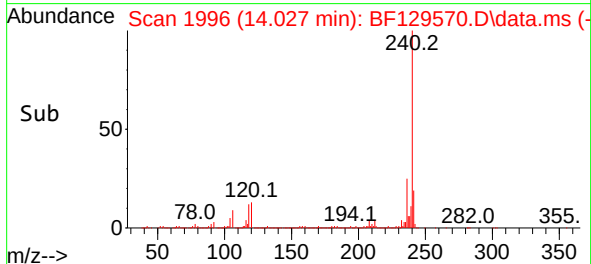
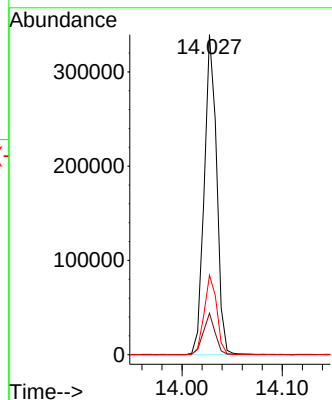
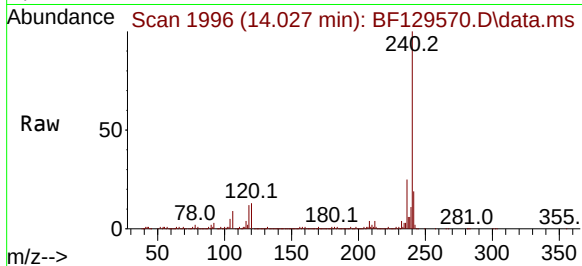




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.027 min Scan# 1996  
Delta R.T. -0.012 min  
Lab File: BF129570.D  
Acq: 04 Aug 2022 14:40

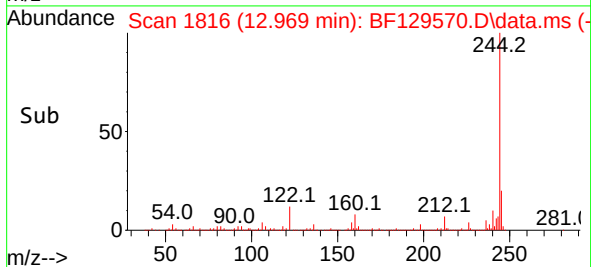
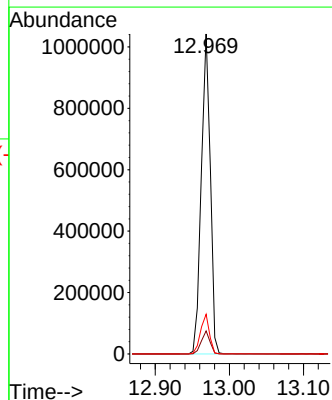
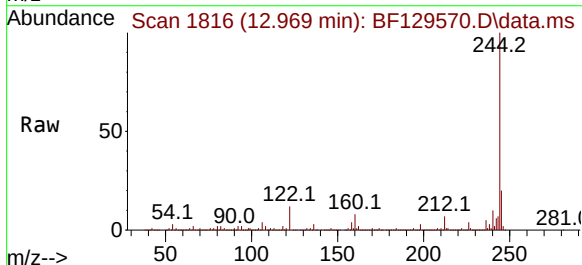
Instrument :  
BNA\_F  
ClientSampleId :  
RVE-131

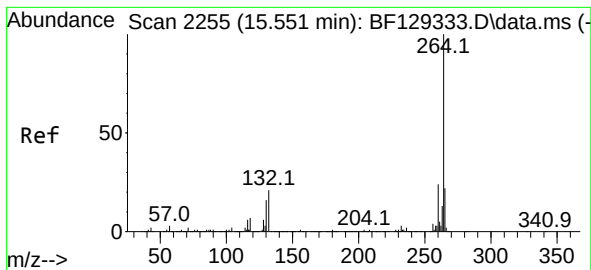
Tgt Ion:240 Resp: 293649  
Ion Ratio Lower Upper  
240 100  
120 12.9 8.9 13.3  
236 24.9 20.8 31.2



#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

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# 21

Delta R.T. -0.006 min

Lab File: BF129570.D

Acq: 04 Aug 2022 14:40

Instrument :

BNA\_F

ClientSampleId :

RVE-131

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

