

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF092421\  
 Data File : BF125635.D  
 Acq On : 24 Sep 2021 22:54  
 Operator : JU/CG  
 Sample : M3916-13  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 BRICK-1

Quant Time: Sep 25 03:02:09 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF092421.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Sep 24 15:38:32 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|--------|------|----------|-------|-------|----------|
| -----                       |        |      |          |       |       |          |
| Internal Standards          |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.887  | 152  | 199472   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.169  | 136  | 805802   | 20.00 | ng    | # 0.00   |
| 39) Acenaphthene-d10        | 9.922  | 164  | 419439   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.404 | 188  | 696455   | 20.00 | ng    | # 0.00   |
| 76) Chrysene-d12            | 14.039 | 240  | 378575   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12            | 15.509 | 264  | 417154   | 20.00 | ng    | -0.01    |
| System Monitoring Compounds |        |      |          |       |       |          |
| 5) 2-Fluorophenol           | 5.504  | 112  | 951078   | 78.56 | ng    | 0.00     |
| 7) Phenol-d6                | 6.504  | 99   | 1162916  | 71.45 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.439  | 82   | 686167   | 59.39 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 10.704 | 330  | 287626   | 73.55 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl        | 9.239  | 172  | 1445055  | 57.59 | ng    | -0.01    |
| 79) Terphenyl-d14           | 12.986 | 244  | 1260339  | 57.65 | ng    | 0.00     |

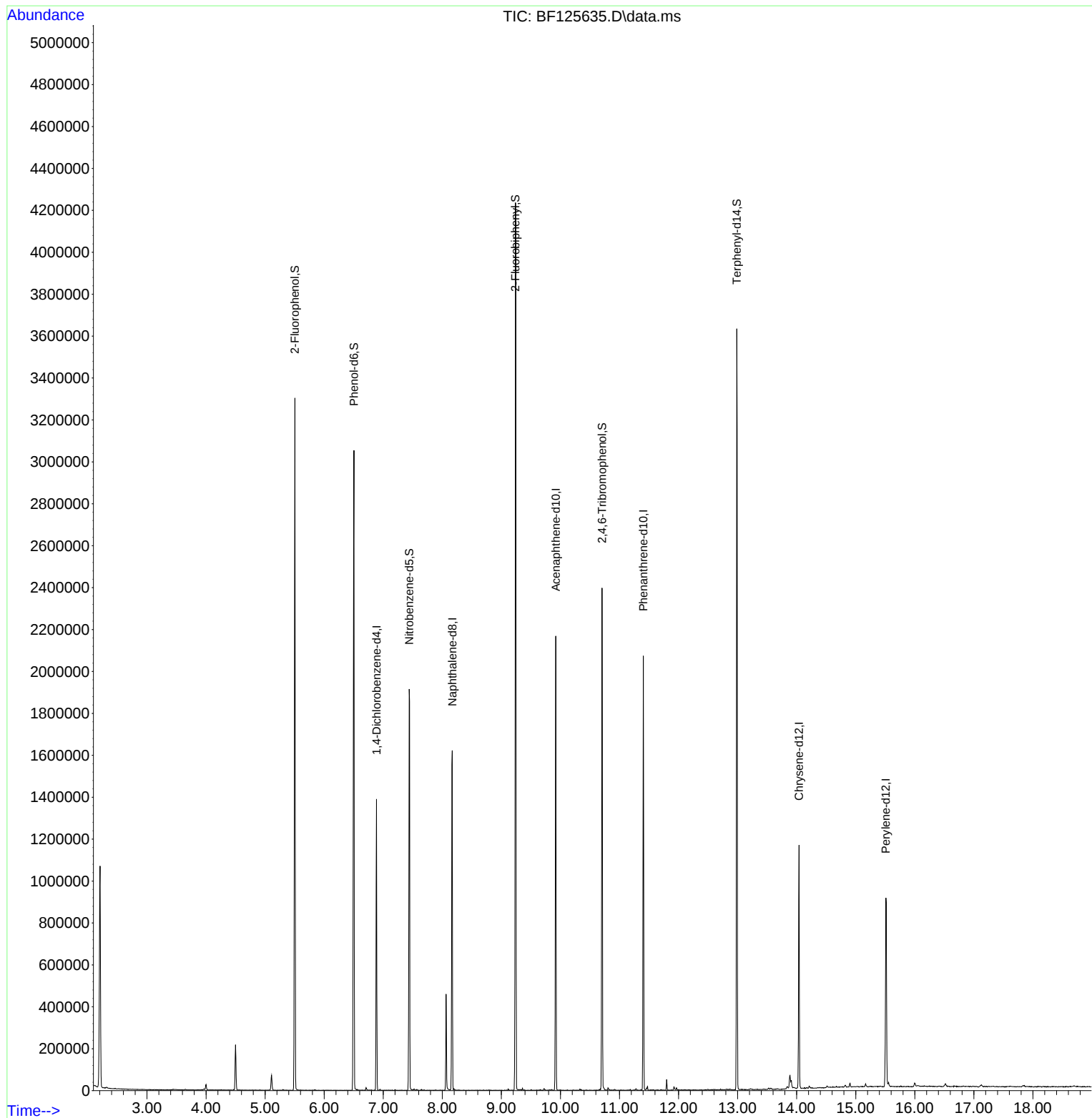
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

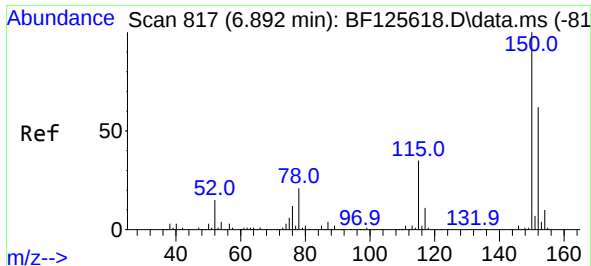
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Sep 24 15:38:32 2021  
Response via : Initial Calibration

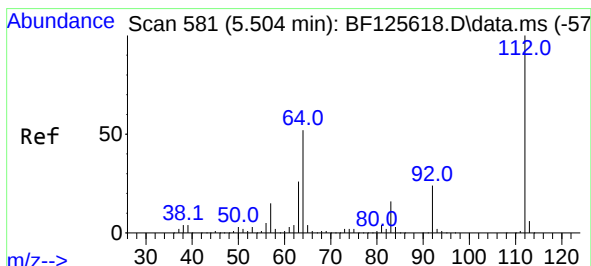
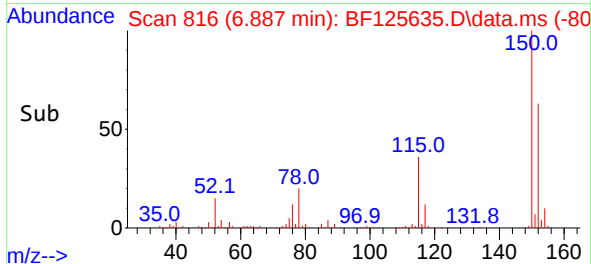
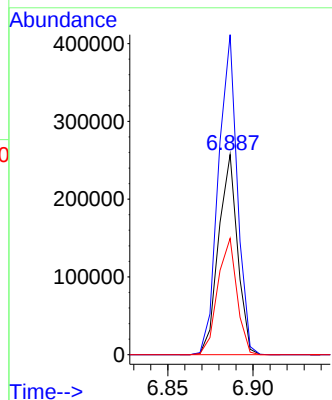
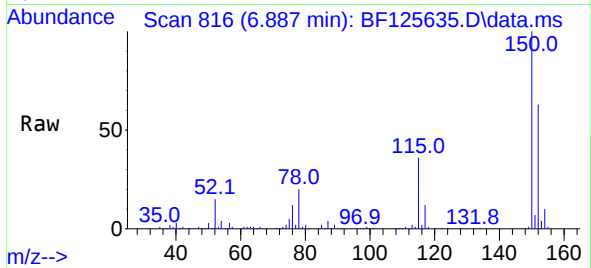




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 6.887 min Scan# 816  
Delta R.T. -0.005 min  
Lab File: BF125635.D  
Acq: 24 Sep 2021 22:54

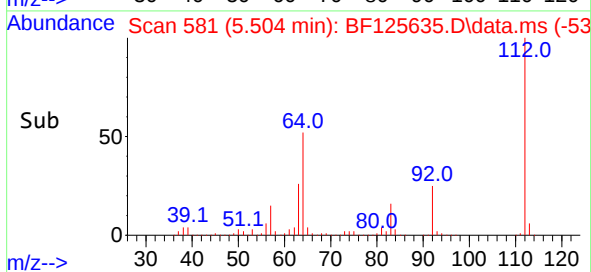
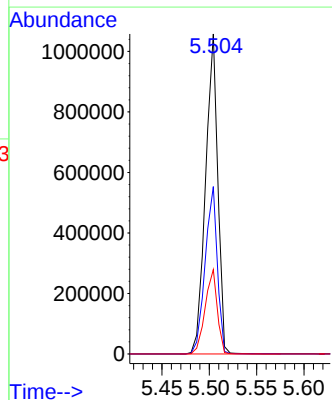
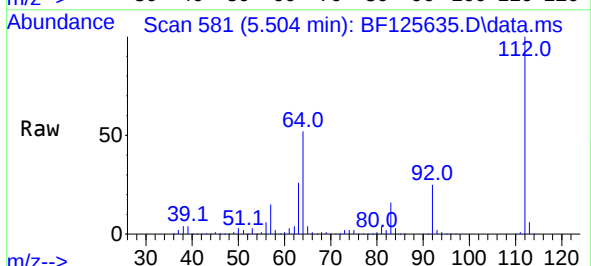
Instrument :  
BNA\_F  
ClientSampleId :  
BRICK-1

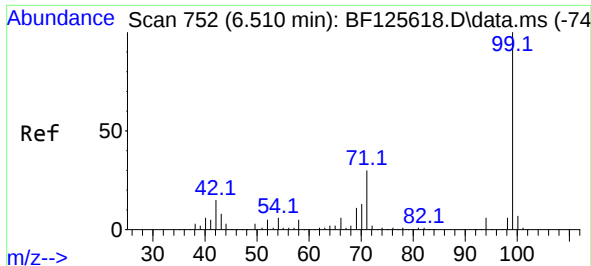
Tgt Ion:152 Resp: 199472  
Ion Ratio Lower Upper  
152 100  
150 159.9 117.6 176.4  
115 58.1 47.1 70.7



#5  
2-Fluorophenol  
Concen: 78.56 ng  
RT: 5.504 min Scan# 581  
Delta R.T. 0.000 min  
Lab File: BF125635.D  
Acq: 24 Sep 2021 22:54

Tgt Ion:112 Resp: 951078  
Ion Ratio Lower Upper  
112 100  
64 52.3 44.2 66.2  
63 26.4 26.2 39.2

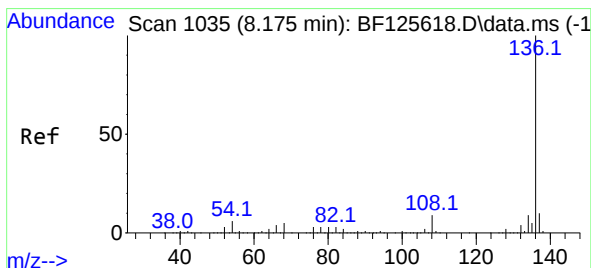
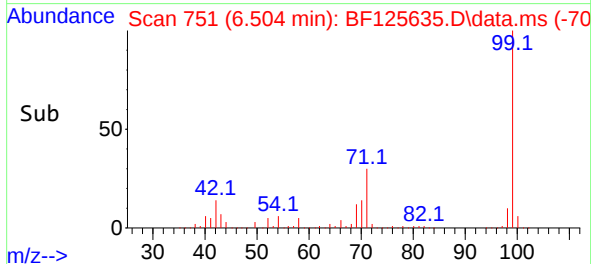
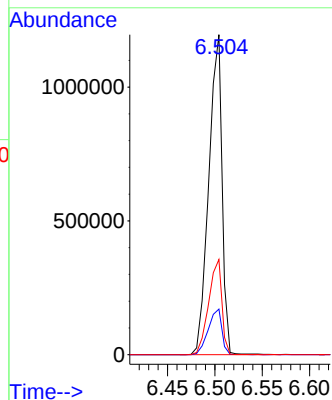
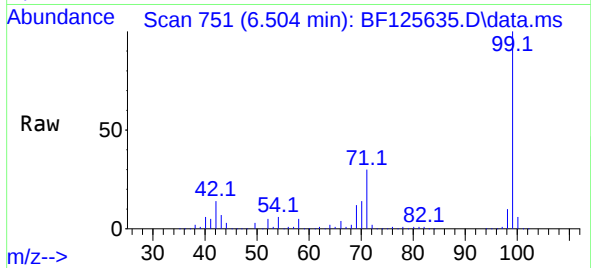




#7  
Phenol-d6  
Concen: 71.45 ng  
RT: 6.504 min Scan# 751  
Delta R.T. -0.006 min  
Lab File: BF125635.D  
Acq: 24 Sep 2021 22:54

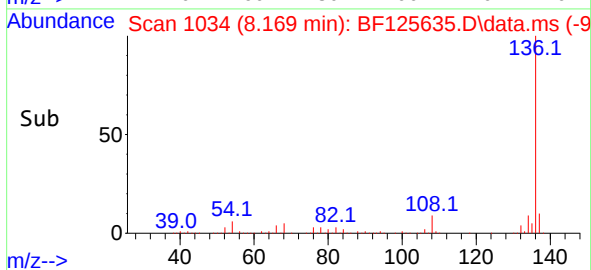
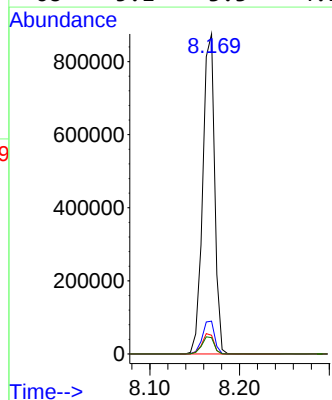
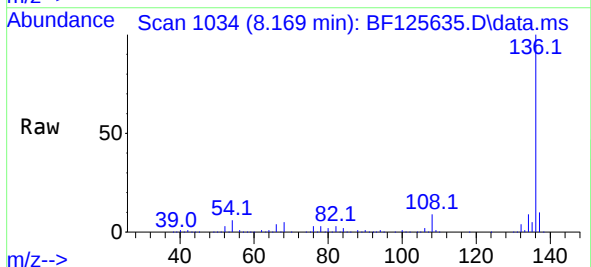
Instrument :  
BNA\_F  
ClientSampleId :  
BRICK-1

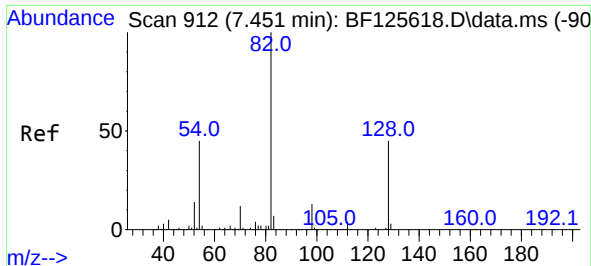
Tgt Ion: 99 Resp: 1162916  
Ion Ratio Lower Upper  
99 100  
42 14.3 23.5 35.3#  
71 29.7 25.6 38.4



#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 8.169 min Scan# 1034  
Delta R.T. -0.006 min  
Lab File: BF125635.D  
Acq: 24 Sep 2021 22:54

Tgt Ion: 136 Resp: 805802  
Ion Ratio Lower Upper  
136 100  
137 10.3 9.8 14.6  
54 5.8 6.4 9.6#  
68 5.1 3.3 4.9#





#23

Nitrobenzene-d5

Concen: 59.39 ng

RT: 7.439 min Scan# 910

Delta R.T. -0.012 min

Lab File: BF125635.D

Acq: 24 Sep 2021 22:54

Instrument :

BNA\_F

ClientSampleId :

BRICK-1

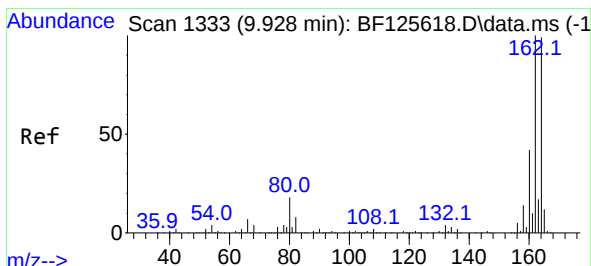
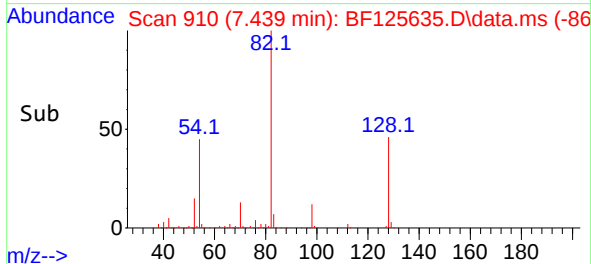
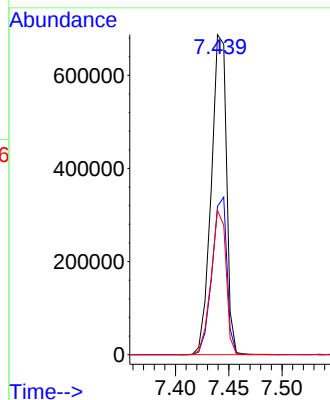
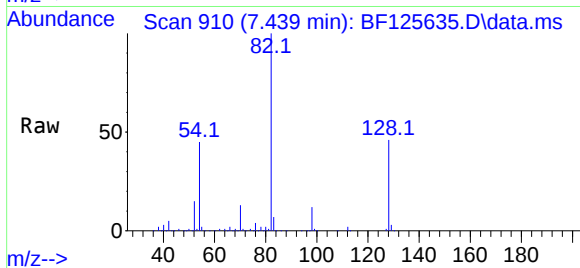
Tgt Ion: 82 Resp: 686167

Ion Ratio Lower Upper

82 100

128 46.4 40.6 60.8

54 45.1 49.6 74.4#



#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.922 min Scan# 1332

Delta R.T. -0.006 min

Lab File: BF125635.D

Acq: 24 Sep 2021 22:54

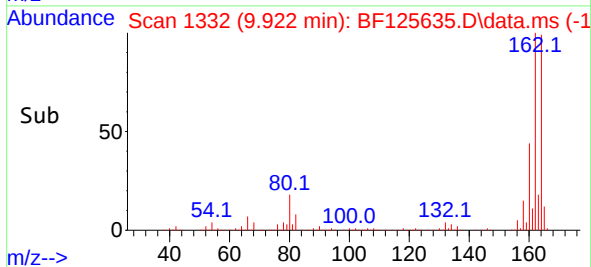
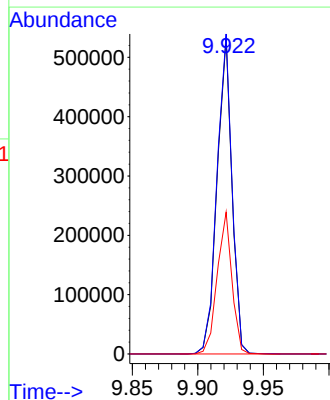
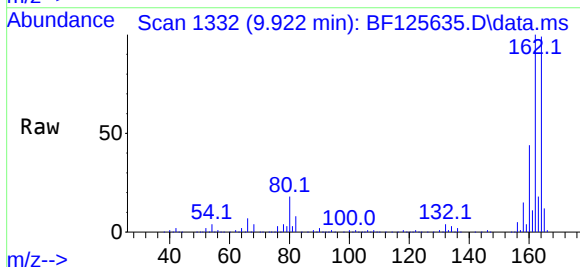
Tgt Ion:164 Resp: 419439

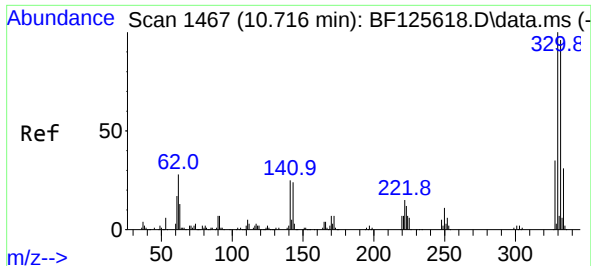
Ion Ratio Lower Upper

164 100

162 101.1 81.3 121.9

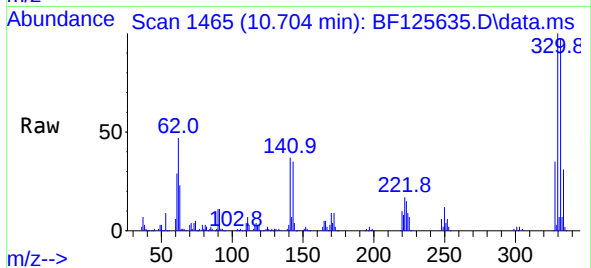
160 44.8 38.0 57.0



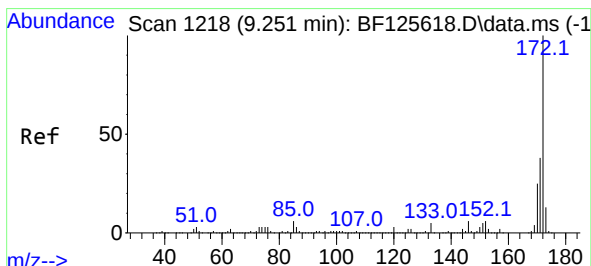
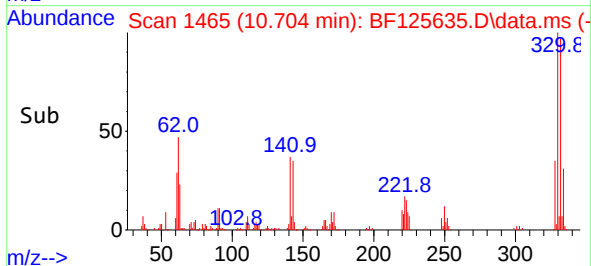
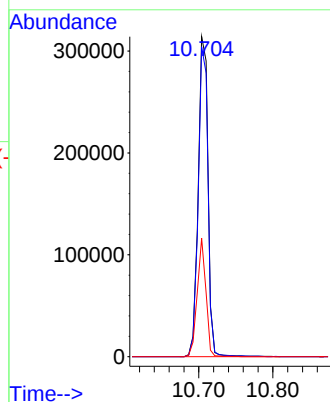


#42  
2,4,6-Tribromophenol  
Concen: 73.55 ng  
RT: 10.704 min Scan# 1465  
Delta R.T. -0.012 min  
Lab File: BF125635.D  
Acq: 24 Sep 2021 22:54

Instrument :  
BNA\_F  
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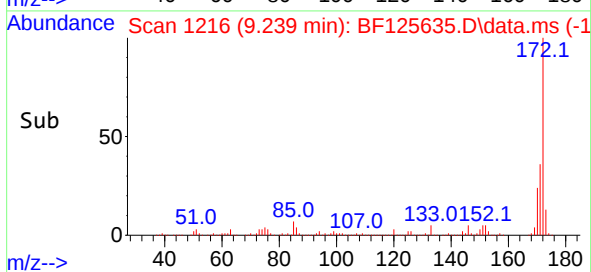
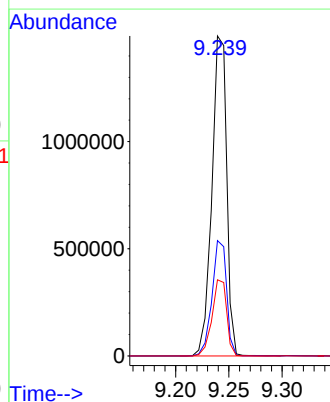
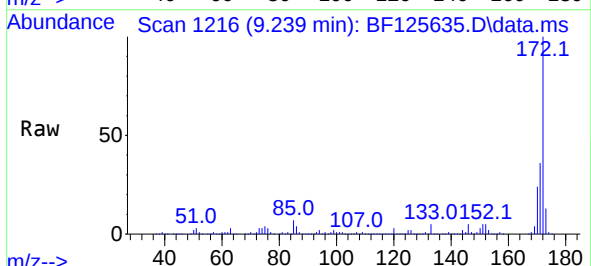


Tgt Ion:330 Resp: 287626  
Ion Ratio Lower Upper  
330 100  
332 96.2 76.2 114.4  
141 32.9 44.6 66.8#



#45  
2-Fluorobiphenyl  
Concen: 57.59 ng  
RT: 9.239 min Scan# 1216  
Delta R.T. -0.012 min  
Lab File: BF125635.D  
Acq: 24 Sep 2021 22:54

Tgt Ion:172 Resp: 1445055  
Ion Ratio Lower Upper  
172 100  
171 36.0 26.5 39.7  
170 23.8 18.8 28.2

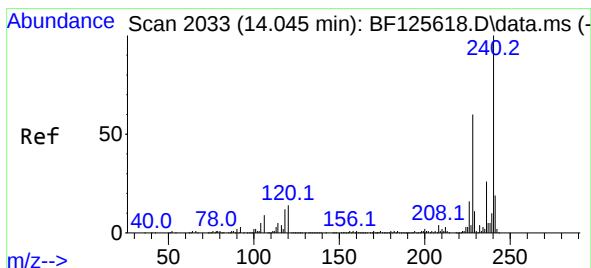
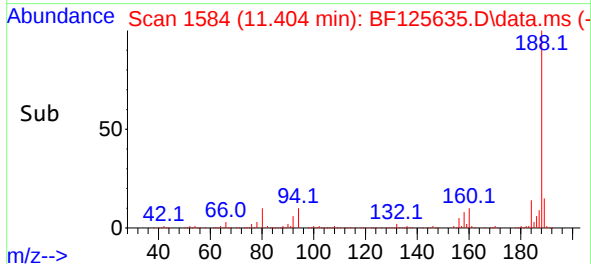
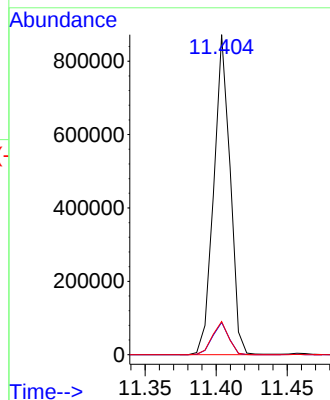
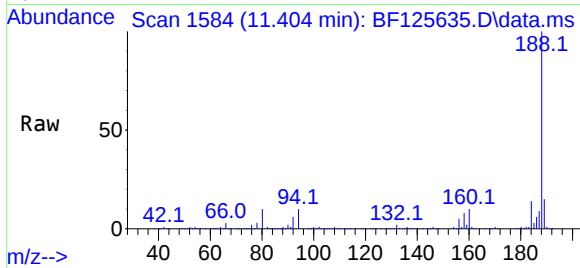




#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.404 min Scan# 1584  
Delta R.T. -0.006 min  
Lab File: BF125635.D  
Acq: 24 Sep 2021 22:54

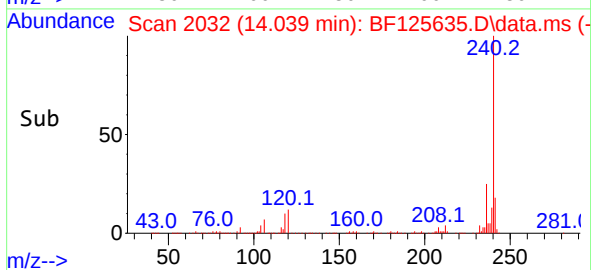
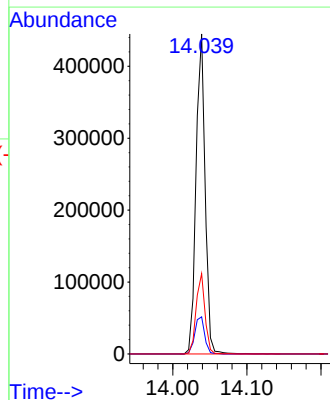
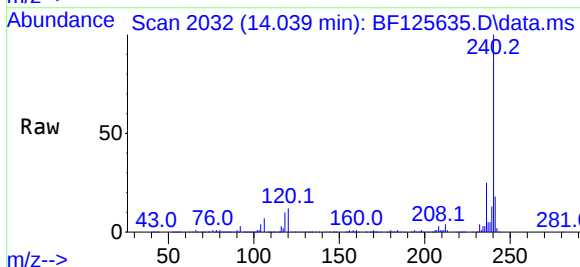
Instrument :  
BNA\_F  
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Tgt Ion:188 Resp: 696455  
Ion Ratio Lower Upper  
188 100  
94 10.1 6.7 10.1#  
80 10.4 7.5 11.3



#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 14.039 min Scan# 2032  
Delta R.T. -0.006 min  
Lab File: BF125635.D  
Acq: 24 Sep 2021 22:54

Tgt Ion:240 Resp: 378575  
Ion Ratio Lower Upper  
240 100  
120 11.6 10.8 16.2  
236 25.1 21.6 32.4

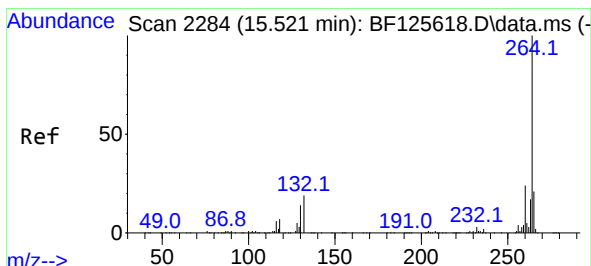
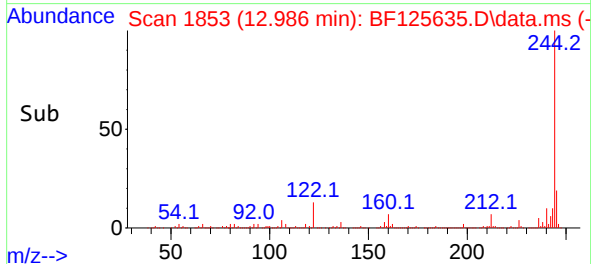
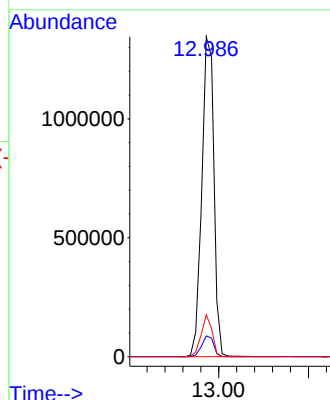
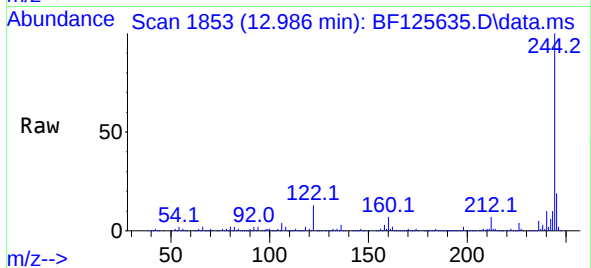




#79  
Terphenyl-d14  
Concen: 57.65 ng  
RT: 12.986 min Scan# 1853  
Delta R.T. -0.006 min  
Lab File: BF125635.D  
Acq: 24 Sep 2021 22:54

Instrument :  
BNA\_F  
ClientSampleId :  
BRICK-1

Tgt Ion:244 Resp: 1260339  
Ion Ratio Lower Upper  
244 100  
212 6.5 5.9 8.9  
122 13.1 9.0 13.4



#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 15.509 min Scan# 2282  
Delta R.T. -0.012 min  
Lab File: BF125635.D  
Acq: 24 Sep 2021 22:54

Tgt Ion:264 Resp: 417154  
Ion Ratio Lower Upper  
264 100  
260 22.7 19.6 29.4  
265 20.6 17.2 25.8

