

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF100121\  
 Data File : BF125754.D  
 Acq On : 1 Oct 2021 16:07  
 Operator : JU/CG  
 Sample : M4002-01  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 290-359

Quant Time: Oct 01 16:34:37 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  | 207087   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.169  | 136  | 839929   | 20.00 | ng    | # 0.00   |
| 39) Acenaphthene-d10        | 9.922  | 164  | 435730   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.404 | 188  | 733472   | 20.00 | ng    | # 0.00   |
| 76) Chrysene-d12            | 14.039 | 240  | 429824   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12            | 15.515 | 264  | 438123   | 20.00 | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |       |       |          |
| 5) 2-Fluorophenol           | 5.510  | 112  | 920594   | 73.24 | ng    | 0.00     |
| 7) Phenol-d6                | 6.510  | 99   | 1398511  | 82.76 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.445  | 82   | 945284   | 78.50 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.704 | 330  | 142643   | 35.11 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl        | 9.245  | 172  | 1881233  | 76.19 | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.992 | 244  | 1739237  | 70.07 | ng    | 0.00     |

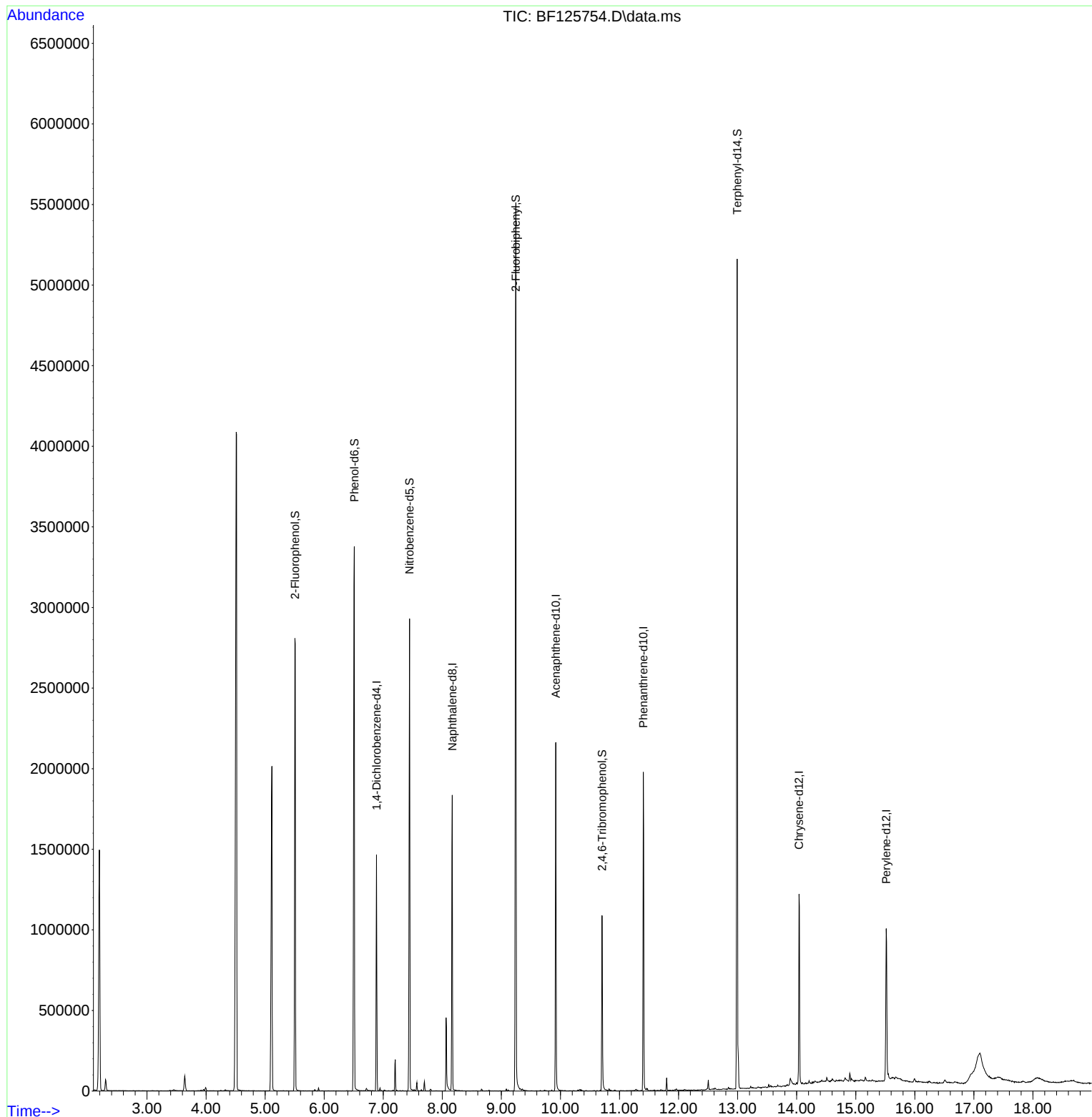
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

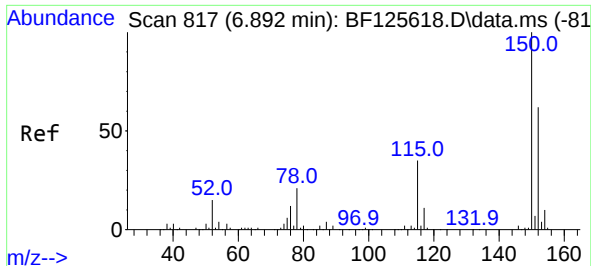
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
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ClientSampleId :  
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Quant Time: Oct 01 16:34:37 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

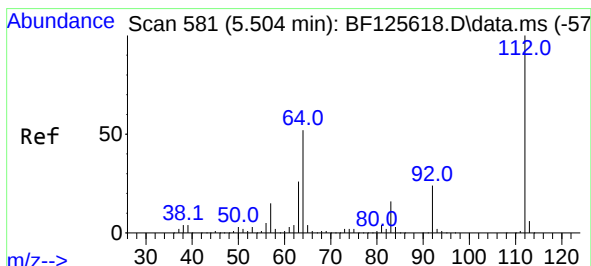
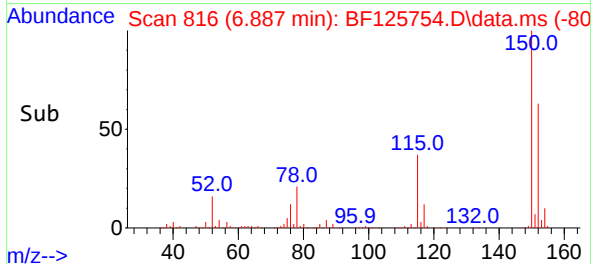
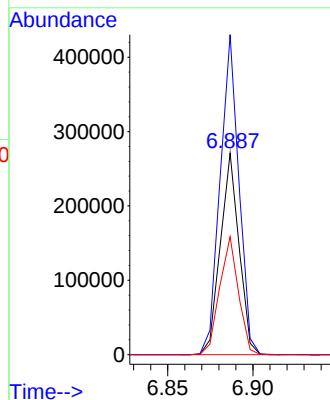
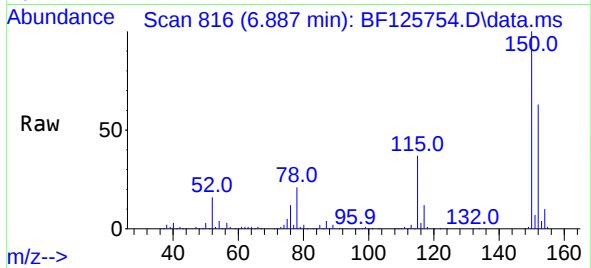




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 6.887 min Scan# 816  
Delta R.T. -0.005 min  
Lab File: BF125754.D  
Acq: 1 Oct 2021 16:07

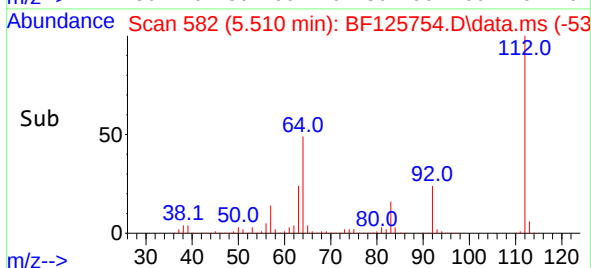
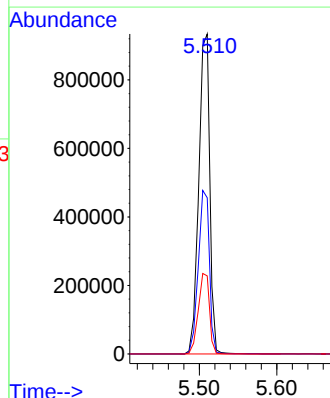
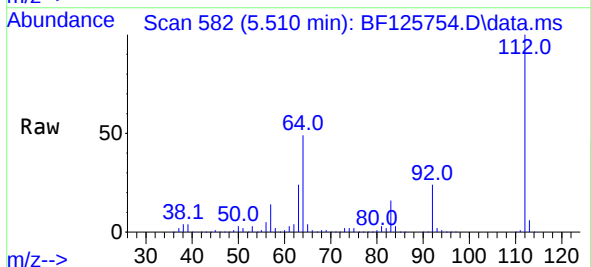
Instrument :  
BNA\_F  
ClientSampleId :  
290-359

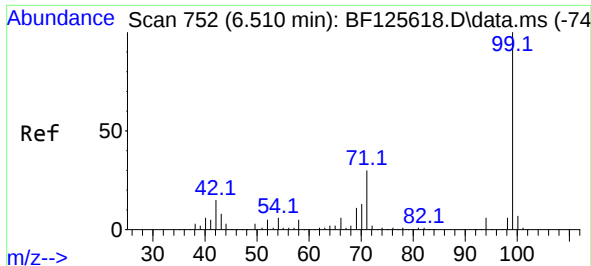
Tgt Ion:152 Resp: 207087  
Ion Ratio Lower Upper  
152 100  
150 158.7 117.6 176.4  
115 58.5 47.1 70.7



#5  
2-Fluorophenol  
Concen: 73.24 ng  
RT: 5.510 min Scan# 582  
Delta R.T. 0.006 min  
Lab File: BF125754.D  
Acq: 1 Oct 2021 16:07

Tgt Ion:112 Resp: 920594  
Ion Ratio Lower Upper  
112 100  
64 48.8 44.2 66.2  
63 24.4 26.2 39.2#



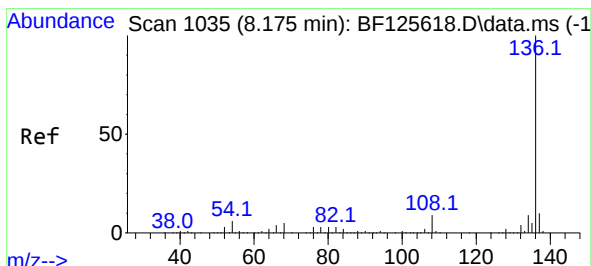
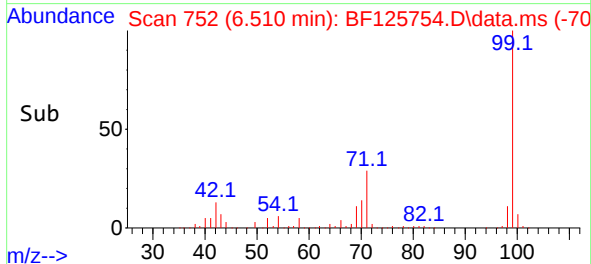
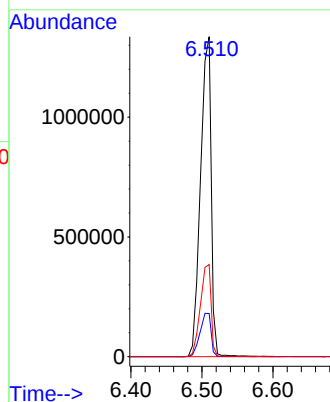
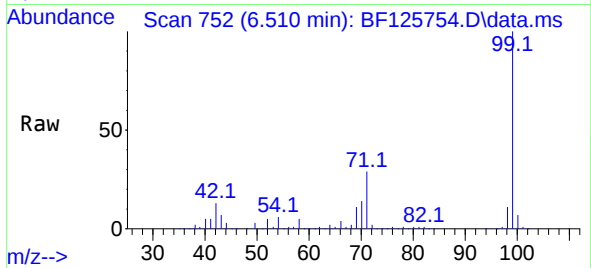


#7  
Phenol-d6  
Concen: 82.76 ng  
RT: 6.510 min Scan# 752  
Delta R.T. 0.000 min  
Lab File: BF125754.D  
Acq: 1 Oct 2021 16:07

Instrument :  
BNA\_F  
ClientSampleId :  
290-359

Tgt Ion: 99 Resp: 1398511

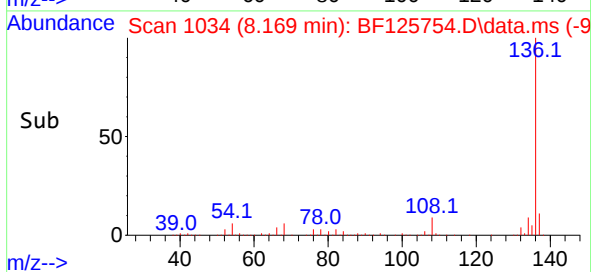
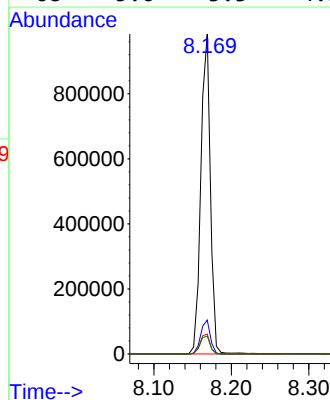
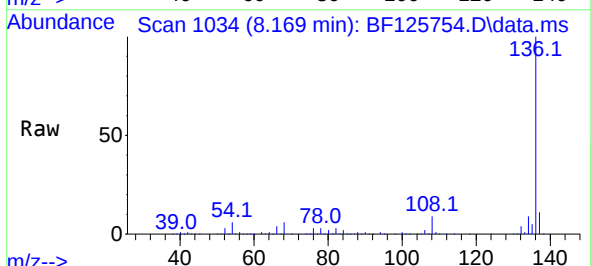
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 13.5  | 23.5  | 35.3# |
| 71  | 28.8  | 25.6  | 38.4  |



#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 8.169 min Scan# 1034  
Delta R.T. -0.006 min  
Lab File: BF125754.D  
Acq: 1 Oct 2021 16:07

Tgt Ion: 136 Resp: 839929

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 10.6  | 9.8   | 14.6  |
| 54  | 6.2   | 6.4   | 9.6#  |
| 68  | 5.6   | 3.3   | 4.9#  |

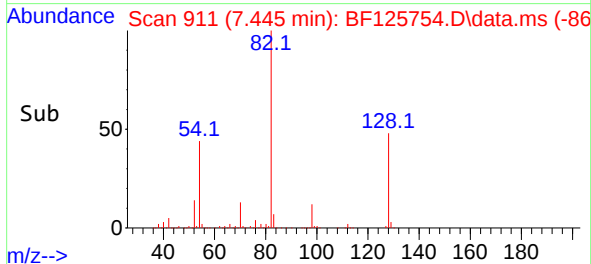
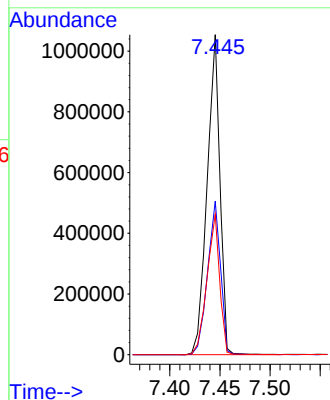
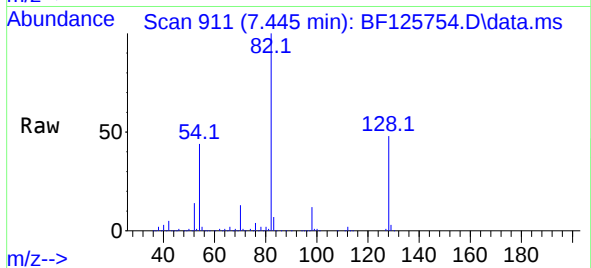




#23  
Nitrobenzene-d5  
Concen: 78.50 ng  
RT: 7.445 min Scan# 911  
Delta R.T. -0.006 min  
Lab File: BF125754.D  
Acq: 1 Oct 2021 16:07

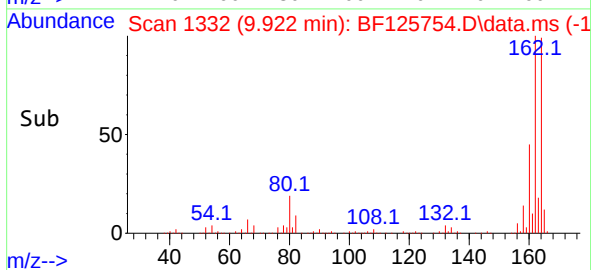
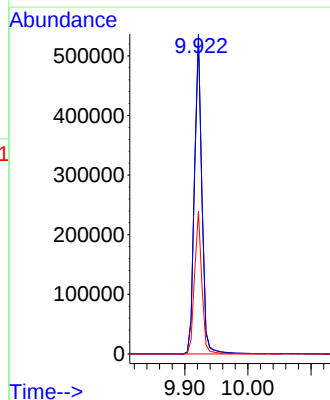
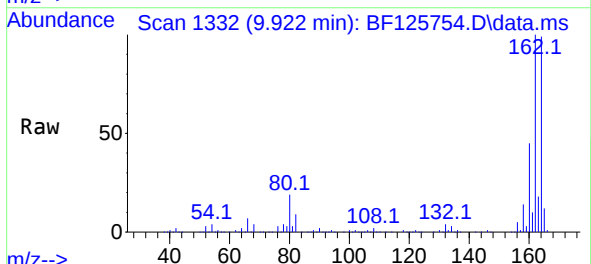
Instrument :  
BNA\_F  
ClientSampleId :  
290-359

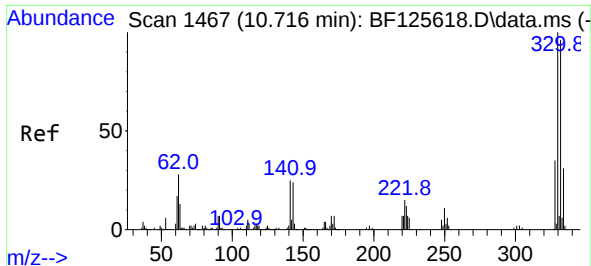
Tgt Ion: 82 Resp: 945284  
Ion Ratio Lower Upper  
82 100  
128 47.9 40.6 60.8  
54 43.9 49.6 74.4#



#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 9.922 min Scan# 1332  
Delta R.T. -0.006 min  
Lab File: BF125754.D  
Acq: 1 Oct 2021 16:07

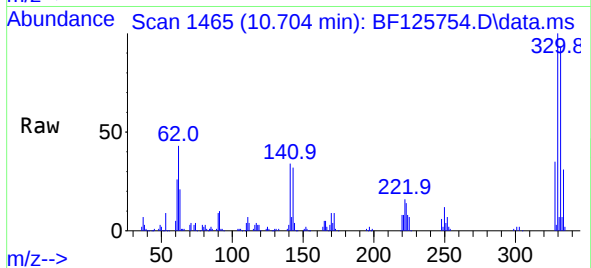
Tgt Ion:164 Resp: 435730  
Ion Ratio Lower Upper  
164 100  
162 101.1 81.3 121.9  
160 45.1 38.0 57.0



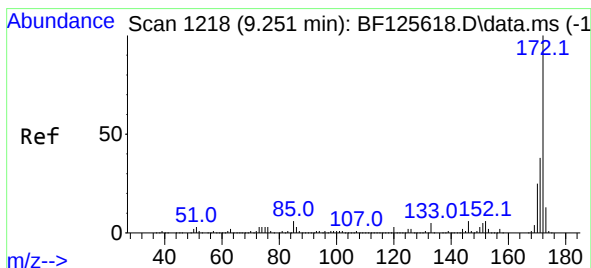
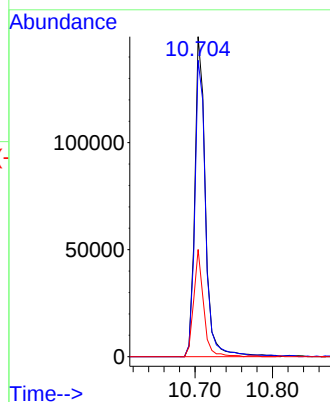
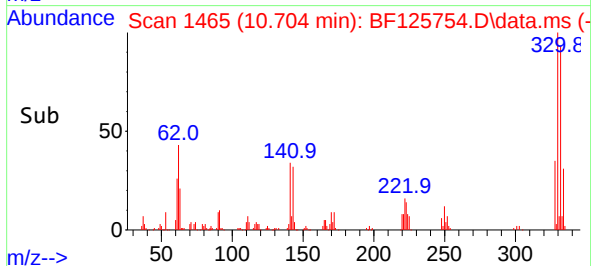


#42  
2,4,6-Tribromophenol  
Concen: 35.11 ng  
RT: 10.704 min Scan# 1465  
Delta R.T. -0.012 min  
Lab File: BF125754.D  
Acq: 1 Oct 2021 16:07

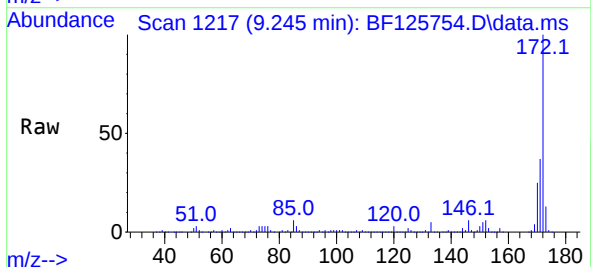
Instrument :  
BNA\_F  
ClientSampleId :  
290-359



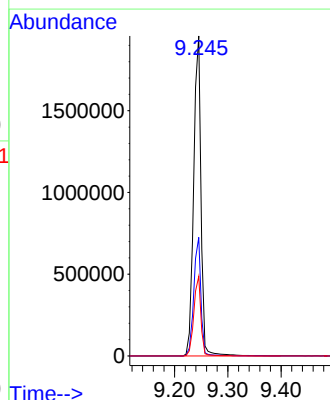
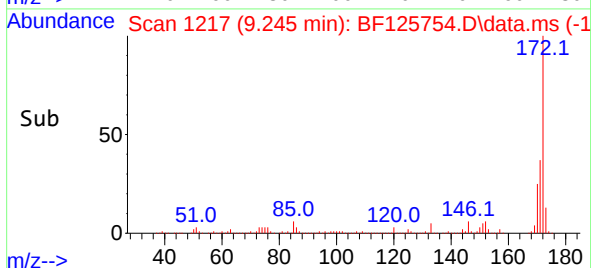
Tgt Ion:330 Resp: 142643  
Ion Ratio Lower Upper  
330 100  
332 95.3 76.2 114.4  
141 31.0 44.6 66.8#

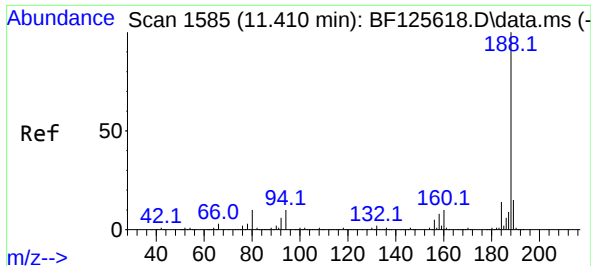


#45  
2-Fluorobiphenyl  
Concen: 76.19 ng  
RT: 9.245 min Scan# 1217  
Delta R.T. -0.006 min  
Lab File: BF125754.D  
Acq: 1 Oct 2021 16:07



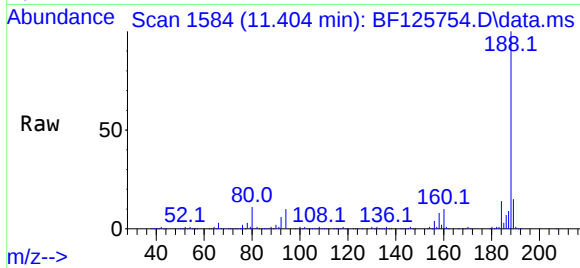
Tgt Ion:172 Resp: 1881233  
Ion Ratio Lower Upper  
172 100  
171 37.1 26.5 39.7  
170 24.8 18.8 28.2



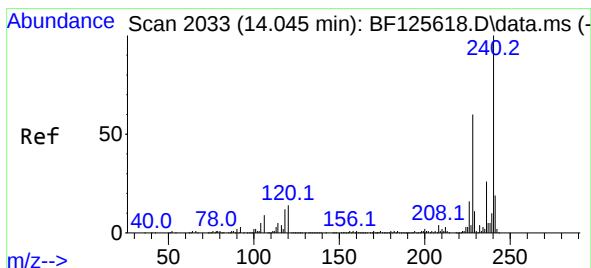
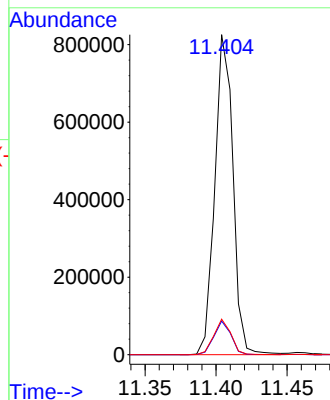
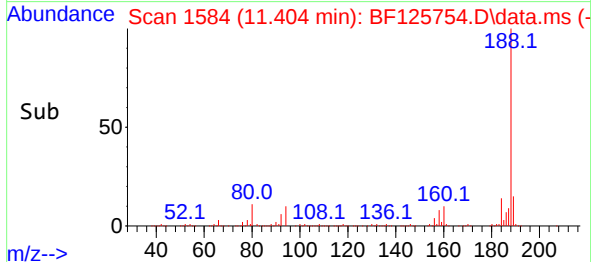


#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.404 min Scan# 1584  
Delta R.T. -0.006 min  
Lab File: BF125754.D  
Acq: 1 Oct 2021 16:07

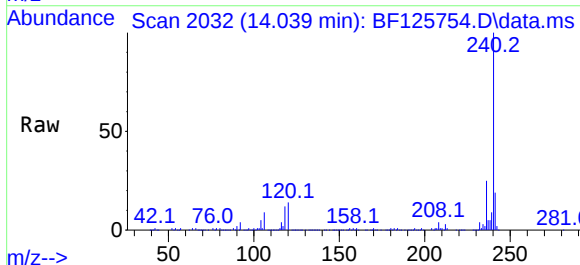
Instrument :  
BNA\_F  
ClientSampleId :  
290-359



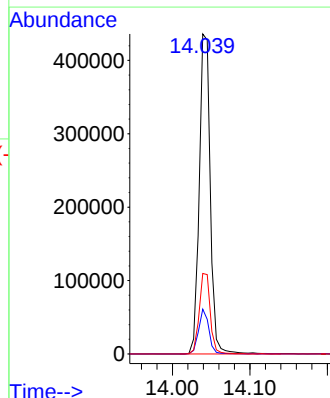
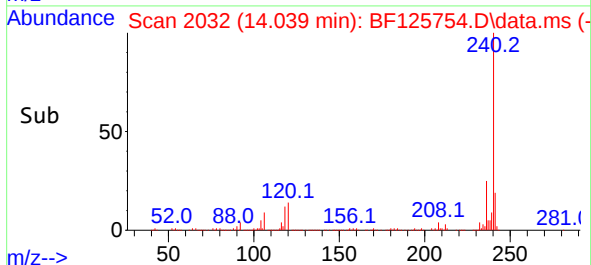
Tgt Ion:188 Resp: 733472  
Ion Ratio Lower Upper  
188 100  
94 10.5 6.7 10.1#  
80 11.1 7.5 11.3



#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 14.039 min Scan# 2032  
Delta R.T. -0.006 min  
Lab File: BF125754.D  
Acq: 1 Oct 2021 16:07



Tgt Ion:240 Resp: 429824  
Ion Ratio Lower Upper  
240 100  
120 14.0 10.8 16.2  
236 25.1 21.6 32.4

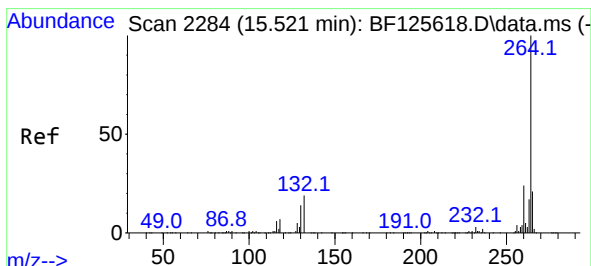
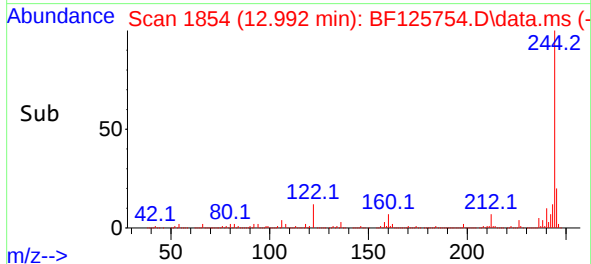
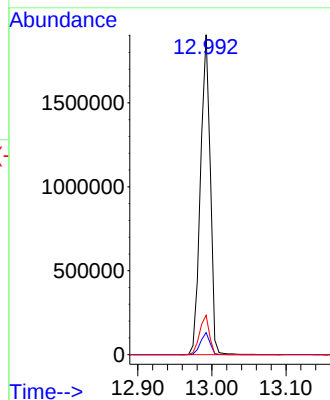
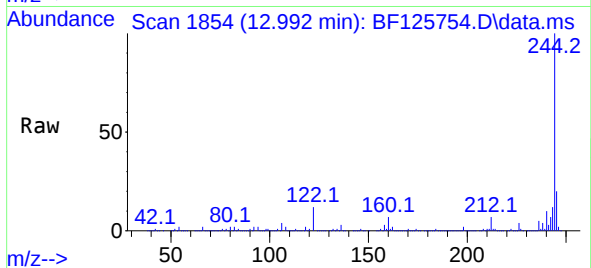




#79  
Terphenyl-d14  
Concen: 70.07 ng  
RT: 12.992 min Scan# 1854  
Delta R.T. 0.000 min  
Lab File: BF125754.D  
Acq: 1 Oct 2021 16:07

Instrument :  
BNA\_F  
ClientSampleId :  
290-359

Tgt Ion:244 Resp: 1739237  
Ion Ratio Lower Upper  
244 100  
212 6.9 5.9 8.9  
122 12.3 9.0 13.4



#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 15.515 min Scan# 2283  
Delta R.T. -0.006 min  
Lab File: BF125754.D  
Acq: 1 Oct 2021 16:07

Tgt Ion:264 Resp: 438123  
Ion Ratio Lower Upper  
264 100  
260 24.3 19.6 29.4  
265 21.6 17.2 25.8

