

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF051822\  
 Data File : BF128316.D  
 Acq On : 18 May 2022 17:27  
 Operator : CG\JU  
 Sample : N2879-05  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP2-0516

Quant Time: May 18 18:22:23 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF050922.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed May 18 01:31:11 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.869  | 152  | 78200    | 20.000  | ng    | -0.01    |
| 21) Naphthalene-d8          | 8.151  | 136  | 306194   | 20.000  | ng    | -0.01    |
| 39) Acenaphthene-d10        | 9.910  | 164  | 173516   | 20.000  | ng    | -0.01    |
| 64) Phenanthrene-d10        | 11.404 | 188  | 325890   | 20.000  | ng    | -0.01    |
| 76) Chrysene-d12            | 14.051 | 240  | 209458   | 20.000  | ng    | -0.01    |
| 86) Perylene-d12            | 15.539 | 264  | 167576   | 20.000  | ng    | -0.02    |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.504  | 112  | 557364   | 113.621 | ng    | 0.00     |
| 7) Phenol-d6                | 6.504  | 99   | 652613   | 100.584 | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 7.439  | 82   | 588440   | 86.474  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 10.704 | 330  | 236086   | 118.635 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl        | 9.228  | 172  | 939820   | 84.749  | ng    | -0.01    |
| 79) Terphenyl-d14           | 12.992 | 244  | 1081518  | 96.887  | ng    | -0.01    |

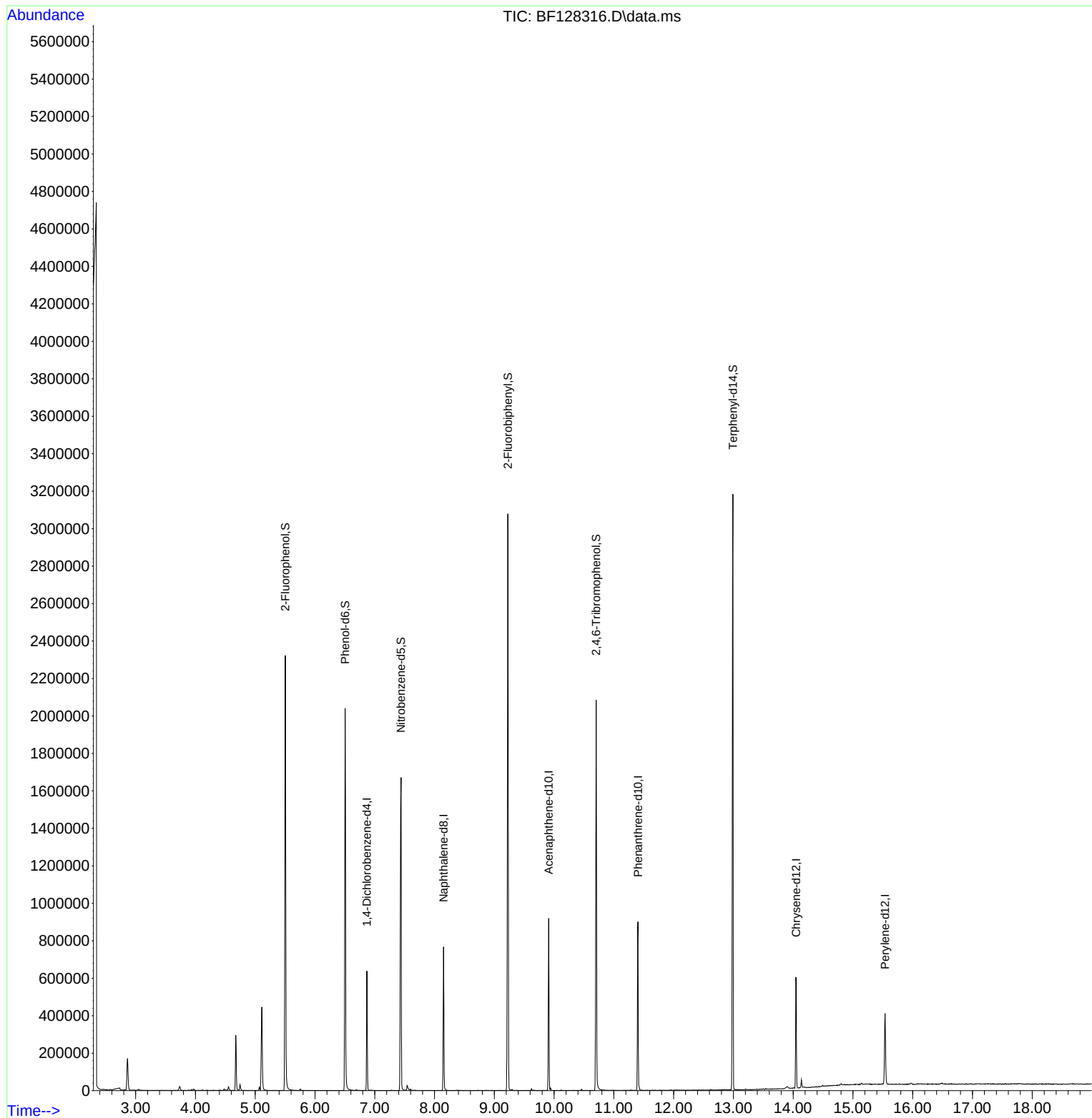
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

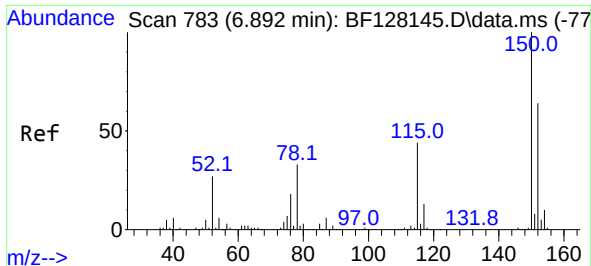
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF051822\  
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Sample : N2879-05  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
TP2-0516

Quant Time: May 18 18:22:23 2022  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF050922.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed May 18 01:31:11 2022  
Response via : Initial Calibration

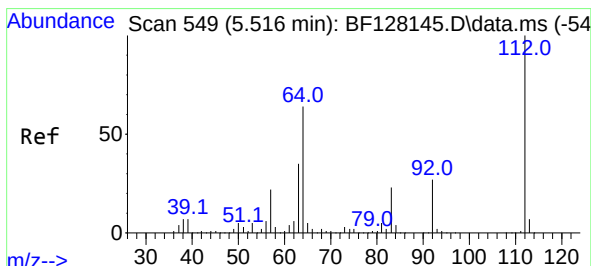
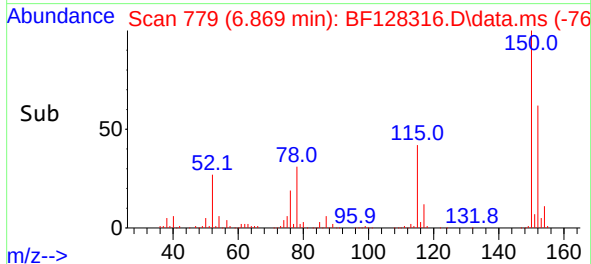
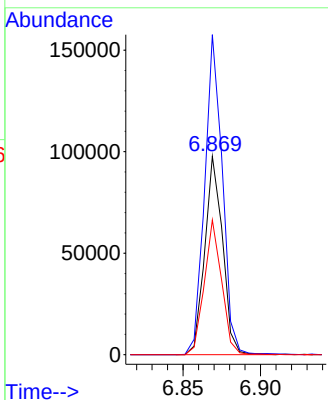
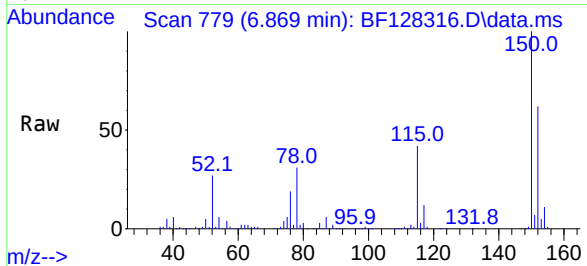




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.869 min Scan# 71  
Delta R.T. -0.012 min  
Lab File: BF128316.D  
Acq: 18 May 2022 17:27

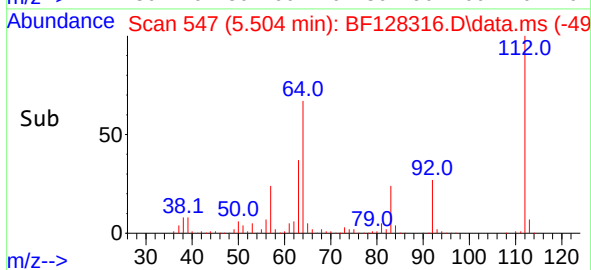
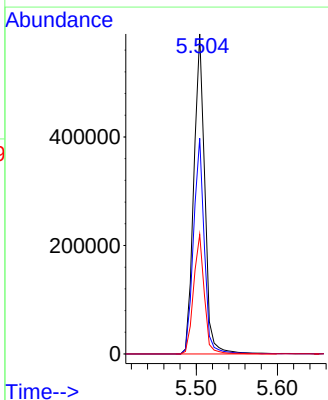
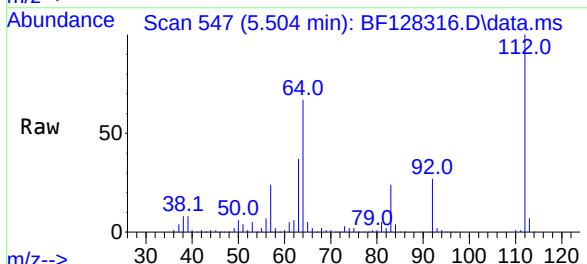
Instrument :  
BNA\_F  
ClientSampleId :  
TP2-0516

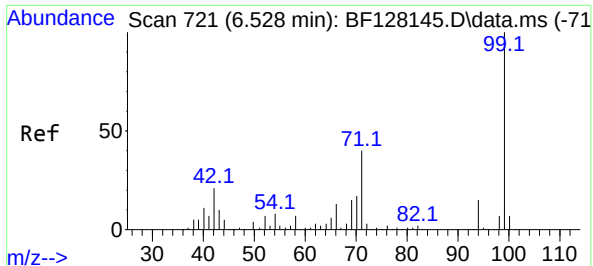
Tgt Ion:152 Resp: 78200  
Ion Ratio Lower Upper  
152 100  
150 161.3 125.3 187.9  
115 67.9 48.8 73.2



#5  
2-Fluorophenol  
Concen: 113.621 ng  
RT: 5.504 min Scan# 547  
Delta R.T. 0.006 min  
Lab File: BF128316.D  
Acq: 18 May 2022 17:27

Tgt Ion:112 Resp: 557364  
Ion Ratio Lower Upper  
112 100  
64 67.4 49.5 74.3  
63 37.4 26.3 39.5

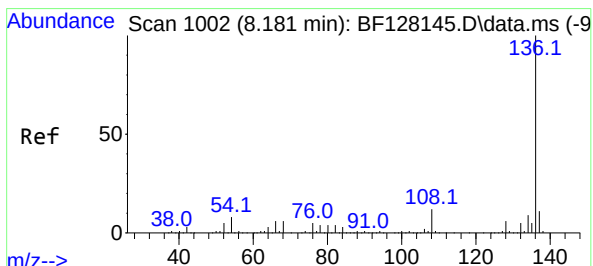
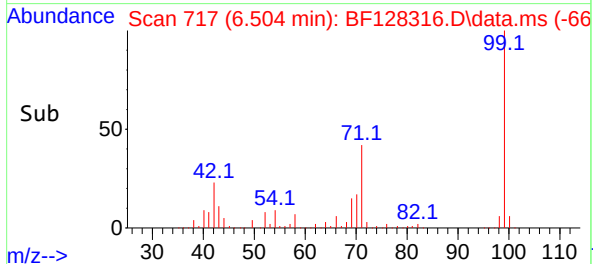
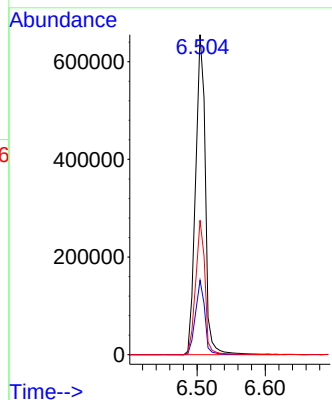
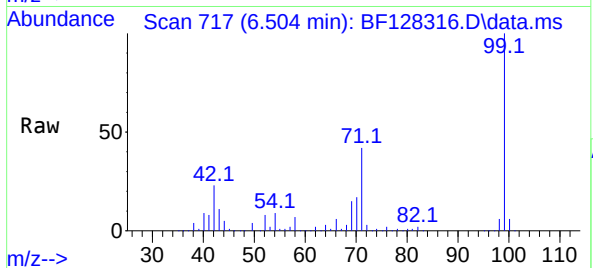




#7  
Phenol-d6  
Concen: 100.584 ng  
RT: 6.504 min Scan# 71  
Delta R.T. -0.012 min  
Lab File: BF128316.D  
Acq: 18 May 2022 17:27

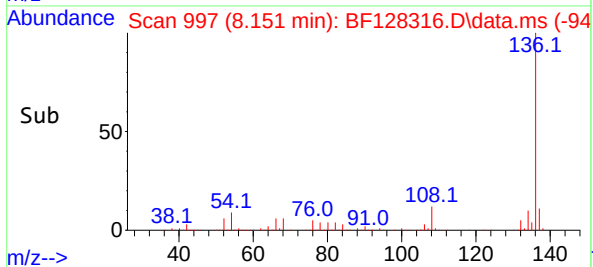
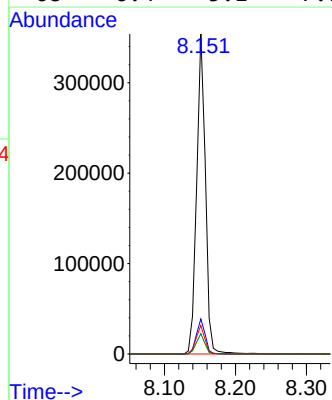
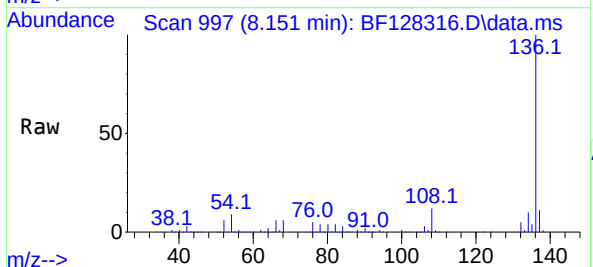
Instrument :  
BNA\_F  
ClientSampleId :  
TP2-0516

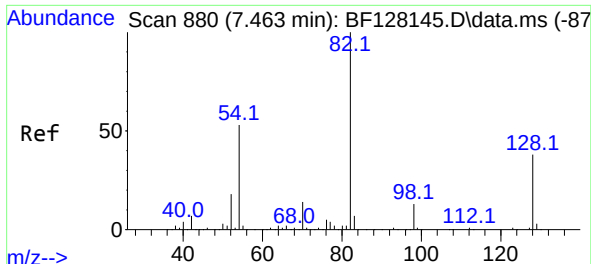
Tgt Ion: 99 Resp: 652613  
Ion Ratio Lower Upper  
99 100  
42 23.3 16.6 24.8  
71 42.0 30.0 45.0



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.151 min Scan# 997  
Delta R.T. -0.012 min  
Lab File: BF128316.D  
Acq: 18 May 2022 17:27

Tgt Ion: 136 Resp: 306194  
Ion Ratio Lower Upper  
136 100  
137 10.9 8.6 13.0  
54 8.9 6.8 10.2  
68 6.4 5.1 7.7

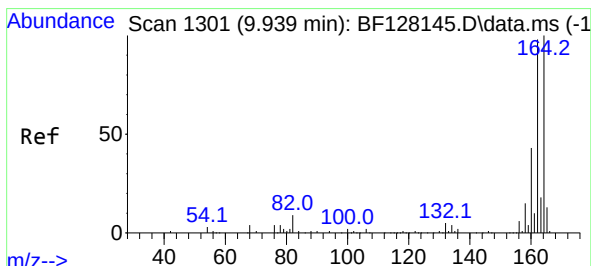
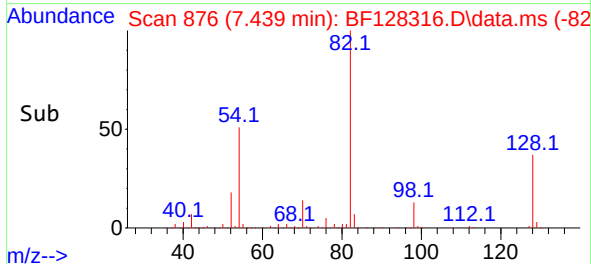
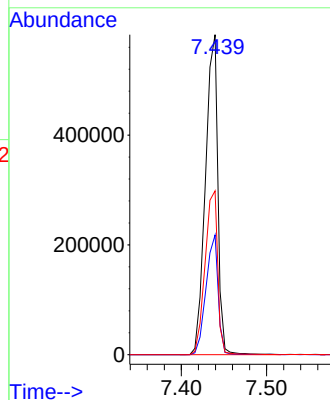
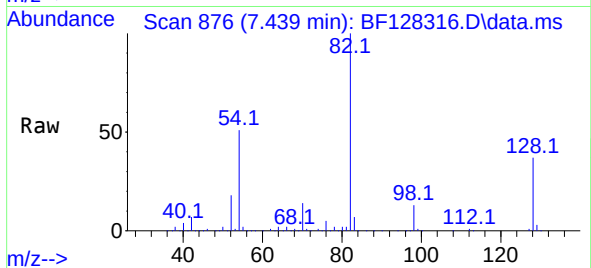




#23  
Nitrobenzene-d5  
Concen: 86.474 ng  
RT: 7.439 min Scan# 81  
Delta R.T. -0.012 min  
Lab File: BF128316.D  
Acq: 18 May 2022 17:27

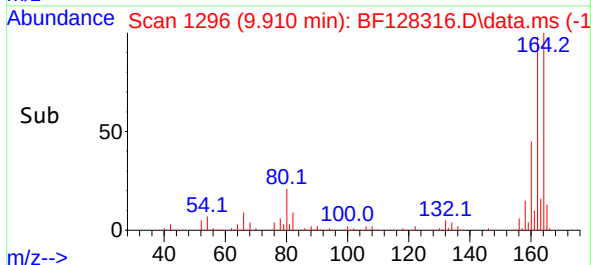
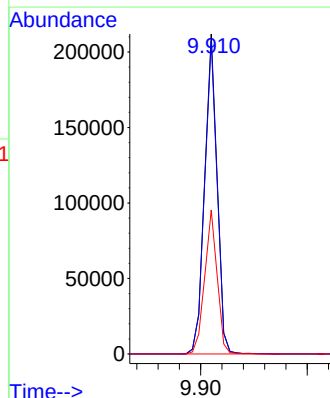
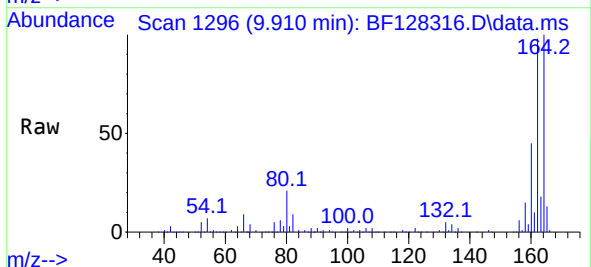
Instrument :  
BNA\_F  
ClientSampleId :  
TP2-0516

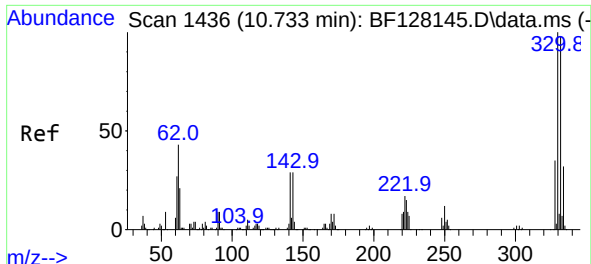
Tgt Ion: 82 Resp: 588440  
Ion Ratio Lower Upper  
82 100  
128 37.4 30.0 45.0  
54 51.2 41.3 61.9



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.910 min Scan# 1296  
Delta R.T. -0.012 min  
Lab File: BF128316.D  
Acq: 18 May 2022 17:27

Tgt Ion:164 Resp: 173516  
Ion Ratio Lower Upper  
164 100  
162 97.9 76.0 114.0  
160 45.0 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 118.635 ng

RT: 10.704 min Scan# 1436

Delta R.T. -0.012 min

Lab File: BF128316.D

Acq: 18 May 2022 17:27

Instrument :

BNA\_F

ClientSampleId :

TP2-0516

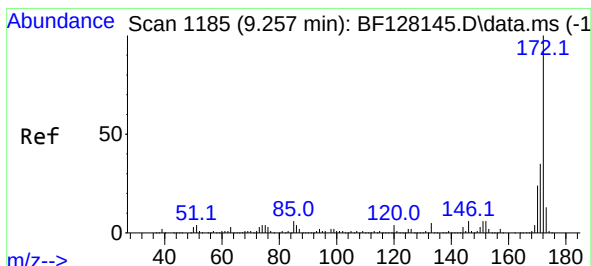
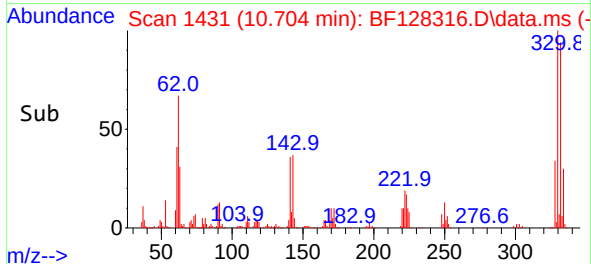
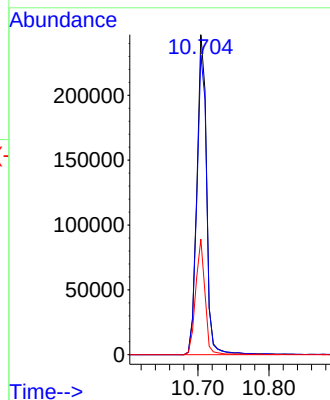
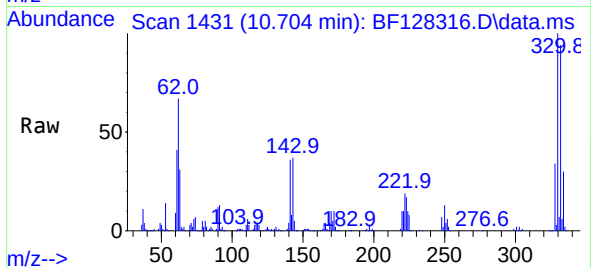
Tgt Ion:330 Resp: 236086

Ion Ratio Lower Upper

330 100

332 95.0 79.0 118.4

141 34.7 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 84.749 ng

RT: 9.228 min Scan# 1180

Delta R.T. -0.012 min

Lab File: BF128316.D

Acq: 18 May 2022 17:27

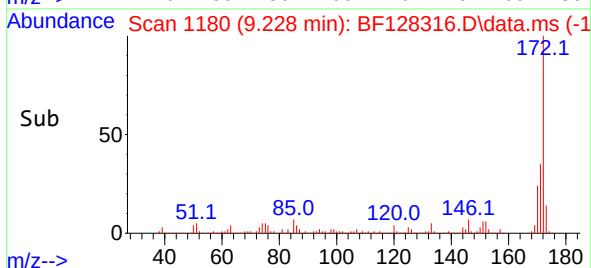
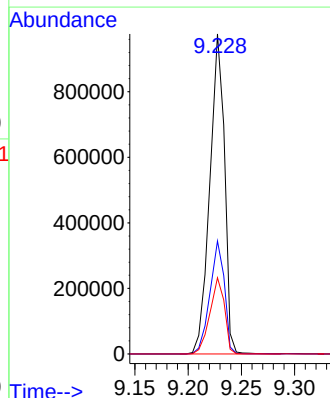
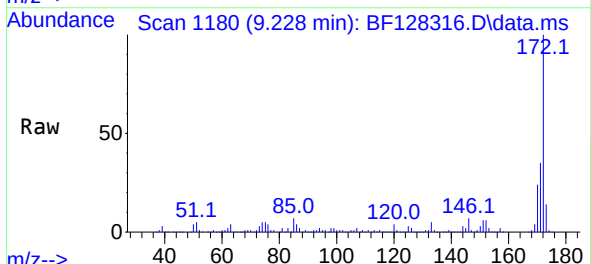
Tgt Ion:172 Resp: 939820

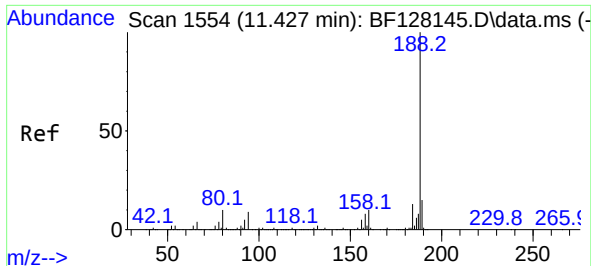
Ion Ratio Lower Upper

172 100

171 35.3 28.6 42.8

170 23.8 19.1 28.7

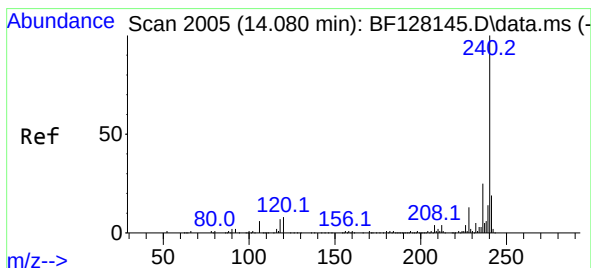
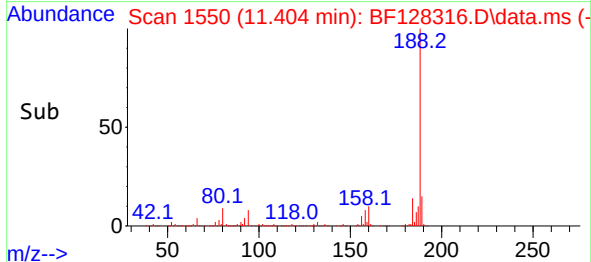
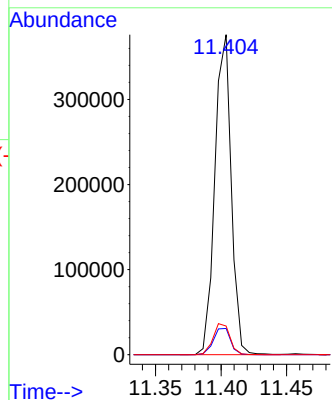
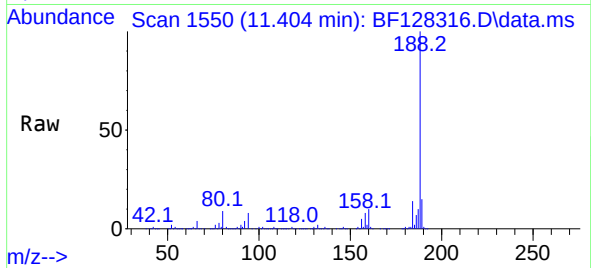




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.404 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: BF128316.D  
Acq: 18 May 2022 17:27

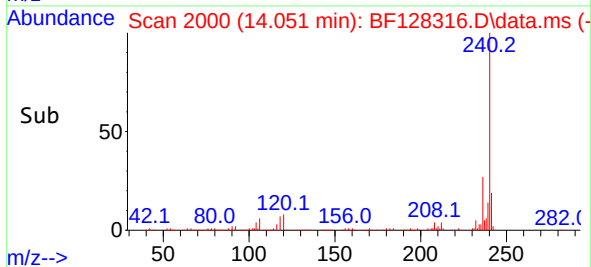
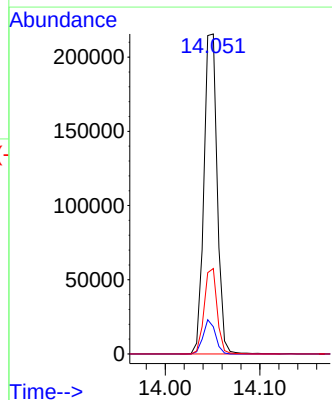
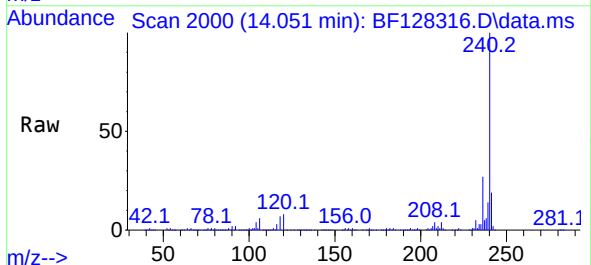
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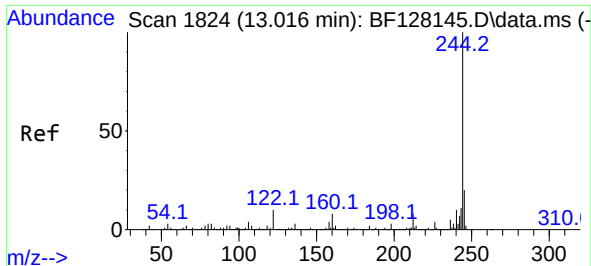
Tgt Ion:188 Resp: 325890  
Ion Ratio Lower Upper  
188 100  
94 8.2 8.0 12.0  
80 9.0 8.9 13.3



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.051 min Scan# 2000  
Delta R.T. -0.012 min  
Lab File: BF128316.D  
Acq: 18 May 2022 17:27

Tgt Ion:240 Resp: 209458  
Ion Ratio Lower Upper  
240 100  
120 8.5 7.0 10.6  
236 26.7 20.3 30.5

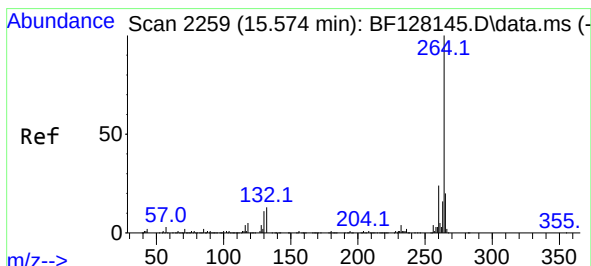
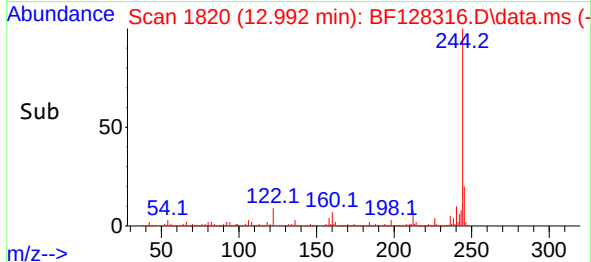
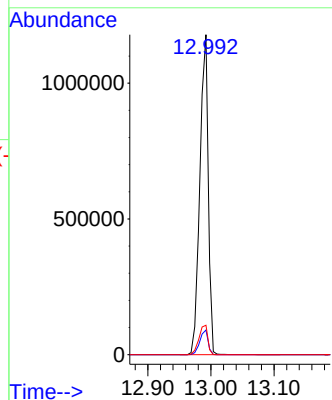
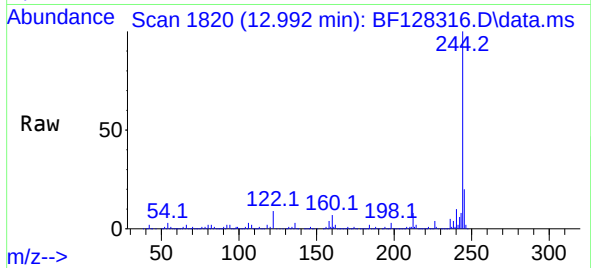




#79  
 Terphenyl-d14  
 Concen: 96.887 ng  
 RT: 12.992 min Scan# 11  
 Delta R.T. -0.012 min  
 Lab File: BF128316.D  
 Acq: 18 May 2022 17:27

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP2-0516

Tgt Ion:244 Resp: 1081518  
 Ion Ratio Lower Upper  
 244 100  
 212 7.7 6.2 9.4  
 122 9.2 8.6 12.8



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.539 min Scan# 2253  
 Delta R.T. -0.018 min  
 Lab File: BF128316.D  
 Acq: 18 May 2022 17:27

Tgt Ion:264 Resp: 167576  
 Ion Ratio Lower Upper  
 264 100  
 260 23.9 20.1 30.1  
 265 21.7 17.5 26.3

