

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF122923\  
 Data File : BF136846.D  
 Acq On : 30 Dec 2023 00:47  
 Operator : CG\JU  
 Sample : 06015-04  
 Misc :  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MR-317-0-2D

Quant Time: Dec 30 03:09:57 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF122023.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Dec 21 01:54:25 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.781  | 152  | 71729    | 20.000  | ng    | -0.01    |
| 21) Naphthalene-d8          | 8.057  | 136  | 274901   | 20.000  | ng    | -0.01    |
| 39) Acenaphthene-d10        | 9.816  | 164  | 140397   | 20.000  | ng    | -0.01    |
| 64) Phenanthrene-d10        | 11.304 | 188  | 255064   | 20.000  | ng    | -0.01    |
| 76) Chrysene-d12            | 13.962 | 240  | 136650   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 15.445 | 264  | 140426   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.434  | 112  | 508824   | 110.682 | ng    | 0.00     |
| 7) Phenol-d6                | 6.434  | 99   | 583924   | 98.026  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.345  | 82   | 429589   | 79.965  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 10.610 | 330  | 192076   | 116.164 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl        | 9.139  | 172  | 868078   | 83.161  | ng    | -0.01    |
| 79) Terphenyl-d14           | 12.904 | 244  | 881870   | 90.186  | ng    | -0.01    |

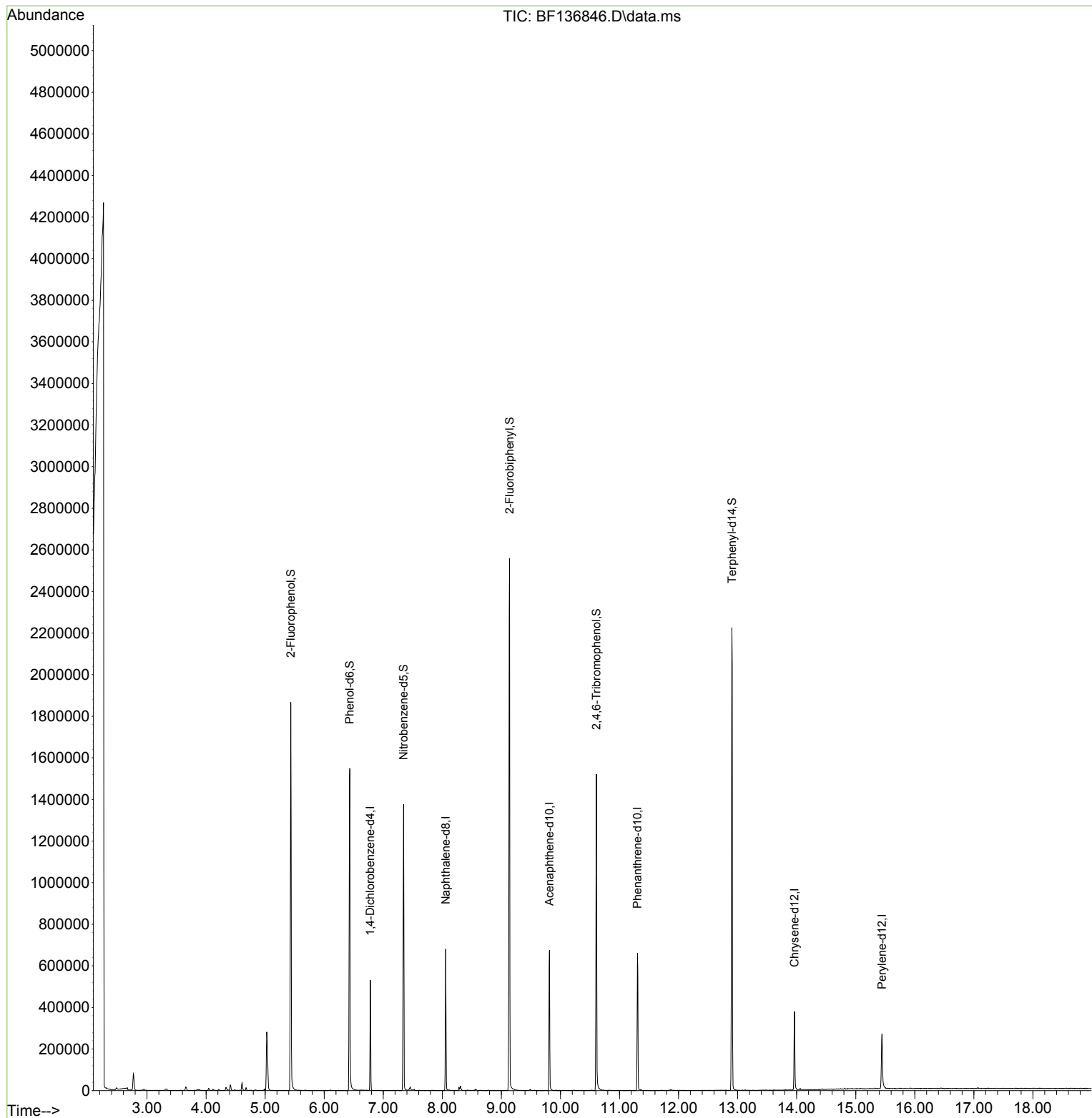
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

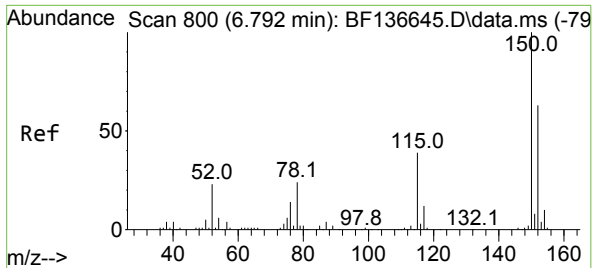
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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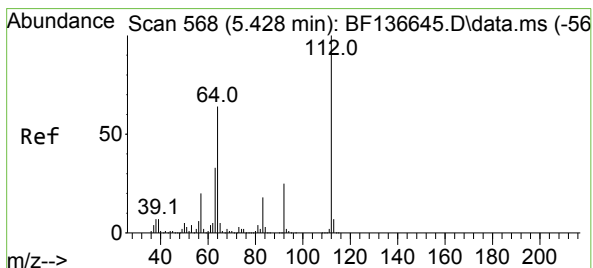
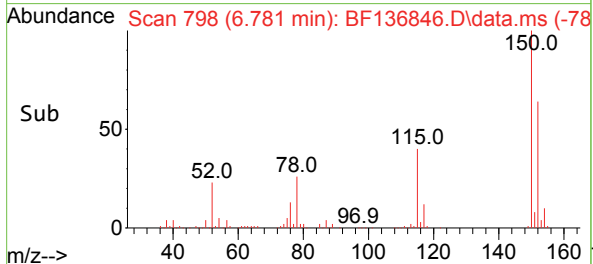
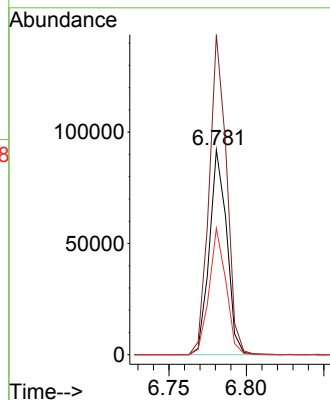
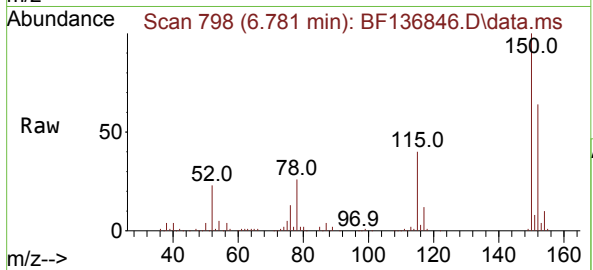




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.781 min Scan# 71  
Delta R.T. -0.011 min  
Lab File: BF136846.D  
Acq: 30 Dec 2023 00:47

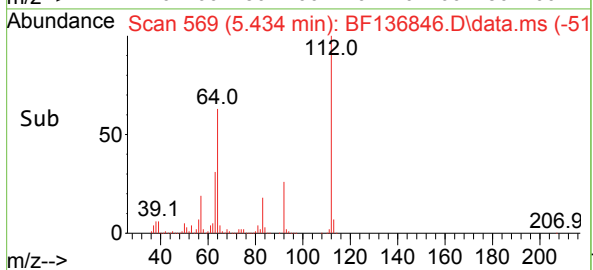
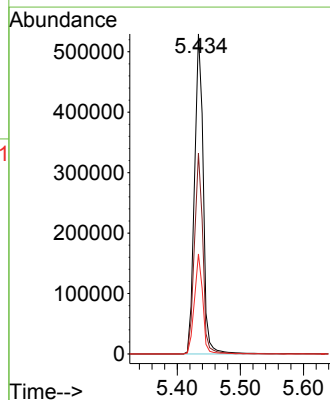
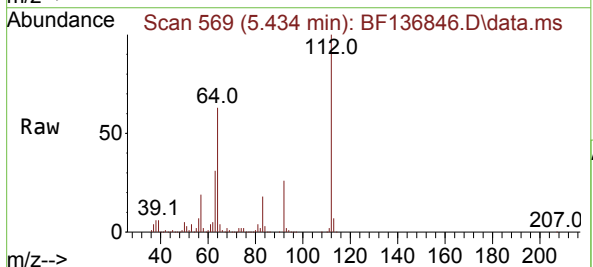
Instrument :  
BNA\_F  
ClientSampleId :  
MR-317-0-2D

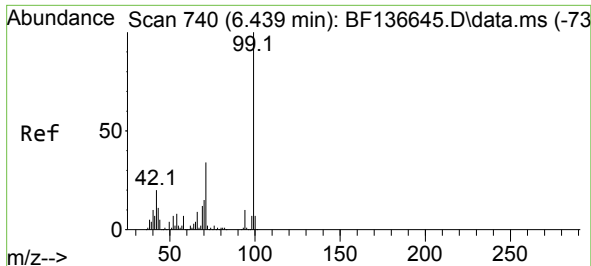
Tgt Ion:152 Resp: 71729  
Ion Ratio Lower Upper  
152 100  
150 156.2 127.0 190.6  
115 61.7 49.0 73.4



#5  
2-Fluorophenol  
Concen: 110.682 ng  
RT: 5.434 min Scan# 569  
Delta R.T. 0.006 min  
Lab File: BF136846.D  
Acq: 30 Dec 2023 00:47

Tgt Ion:112 Resp: 508824  
Ion Ratio Lower Upper  
112 100  
64 62.7 51.1 76.7  
63 31.3 26.1 39.1

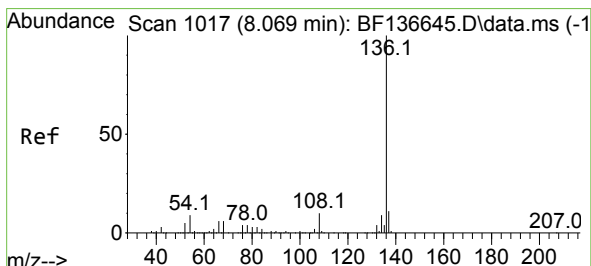
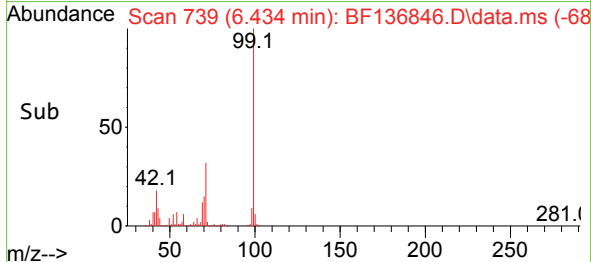
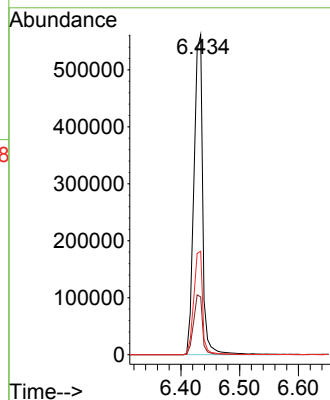
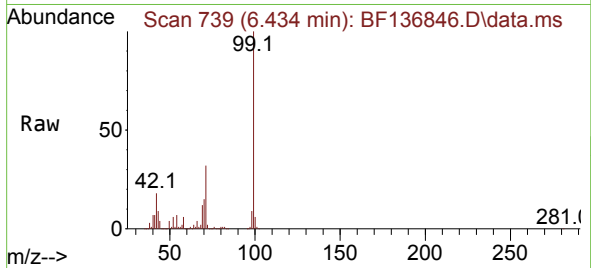




#7  
Phenol-d6  
Concen: 98.026 ng  
RT: 6.434 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BF136846.D  
Acq: 30 Dec 2023 00:47

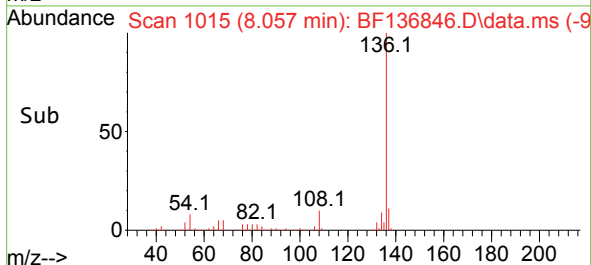
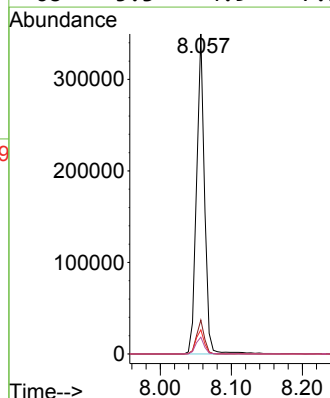
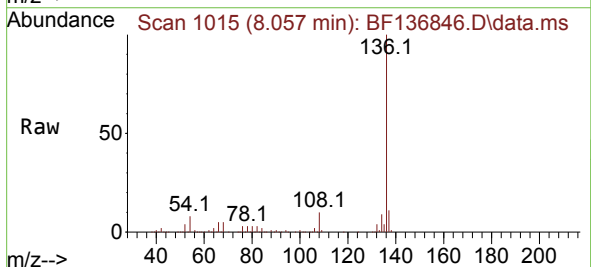
Instrument :  
BNA\_F  
ClientSampleId :  
MR-317-0-2D

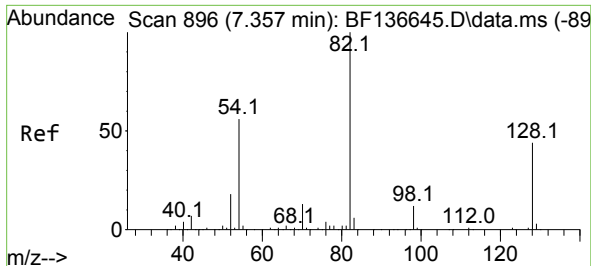
Tgt Ion: 99 Resp: 583924  
Ion Ratio Lower Upper  
99 100  
42 18.1 16.1 24.1  
71 32.3 27.4 41.2



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.057 min Scan# 1015  
Delta R.T. -0.012 min  
Lab File: BF136846.D  
Acq: 30 Dec 2023 00:47

Tgt Ion: 136 Resp: 274901  
Ion Ratio Lower Upper  
136 100  
137 10.6 9.0 13.4  
54 7.6 7.2 10.8  
68 5.3 4.9 7.3





#23

Nitrobenzene-d5

Concen: 79.965 ng

RT: 7.345 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF136846.D

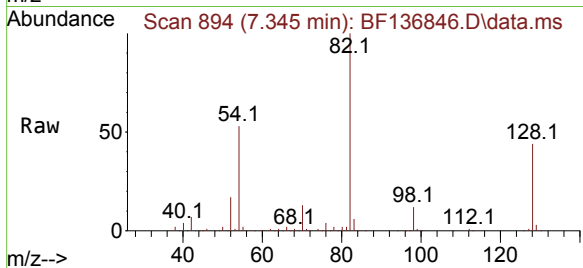
Acq: 30 Dec 2023 00:47

Instrument :

BNA\_F

ClientSampleId :

MR-317-0-2D



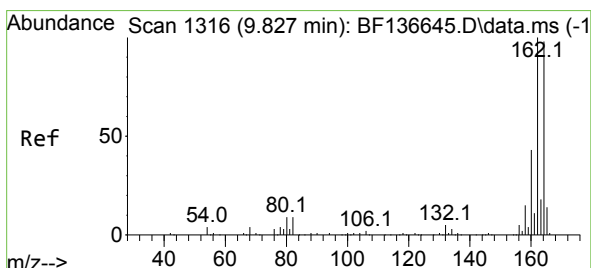
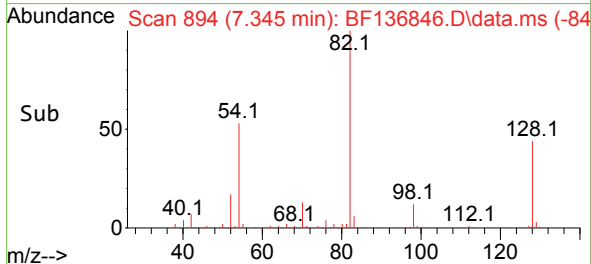
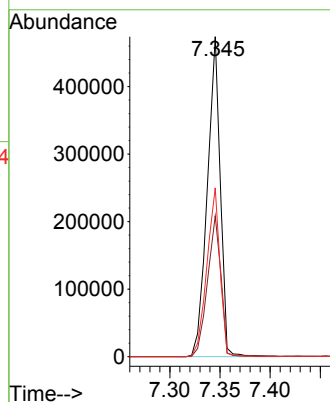
Tgt Ion: 82 Resp: 429589

Ion Ratio Lower Upper

82 100

128 44.0 35.3 52.9

54 52.7 44.5 66.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.816 min Scan# 1314

Delta R.T. -0.012 min

Lab File: BF136846.D

Acq: 30 Dec 2023 00:47

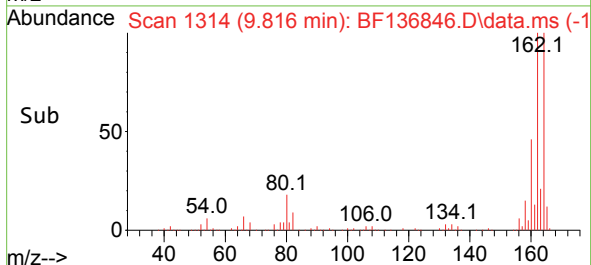
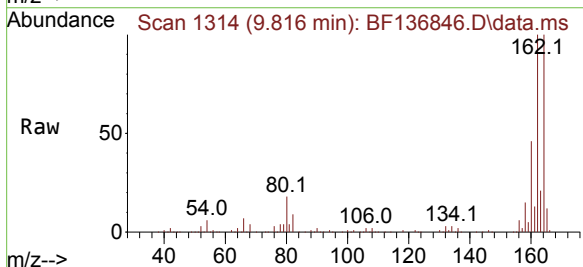
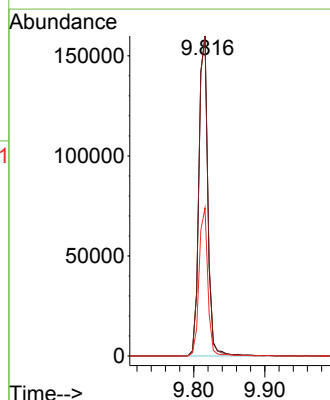
Tgt Ion:164 Resp: 140397

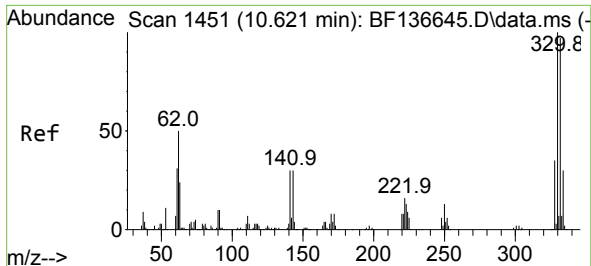
Ion Ratio Lower Upper

164 100

162 99.9 81.6 122.4

160 46.3 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 116.164 ng

RT: 10.610 min Scan# 1451

Delta R.T. -0.012 min

Lab File: BF136846.D

Acq: 30 Dec 2023 00:47

Instrument :

BNA\_F

ClientSampleId :

MR-317-0-2D

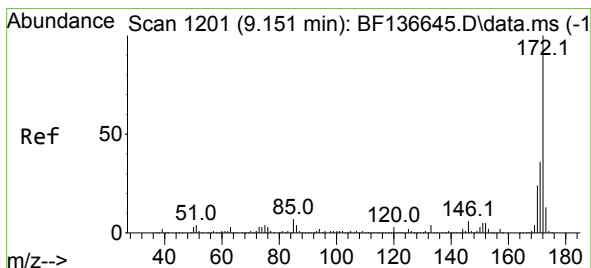
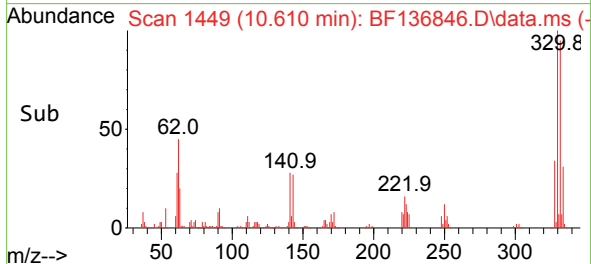
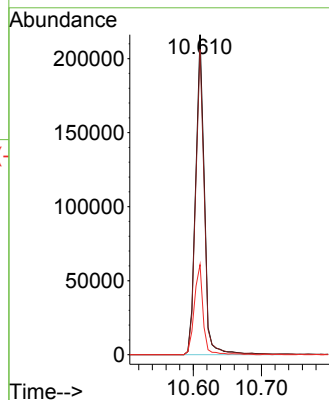
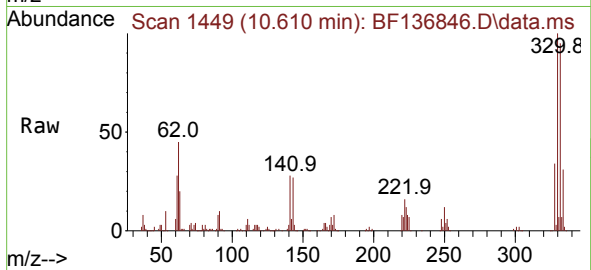
Tgt Ion:330 Resp: 192076

Ion Ratio Lower Upper

330 100

332 95.7 77.4 116.0

141 28.5 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 83.161 ng

RT: 9.139 min Scan# 1199

Delta R.T. -0.012 min

Lab File: BF136846.D

Acq: 30 Dec 2023 00:47

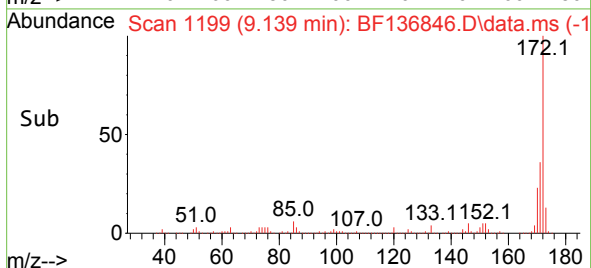
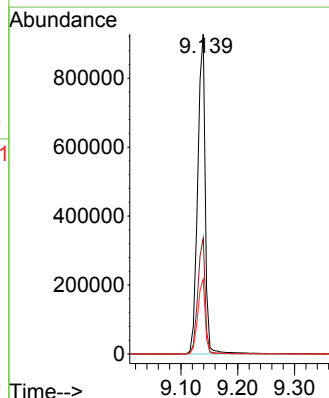
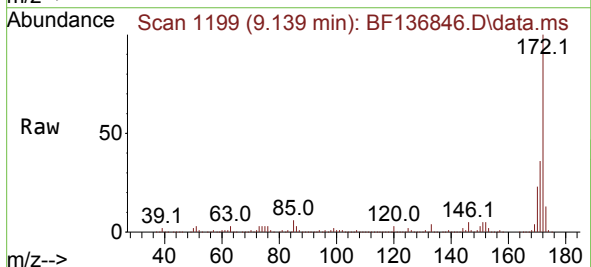
Tgt Ion:172 Resp: 868078

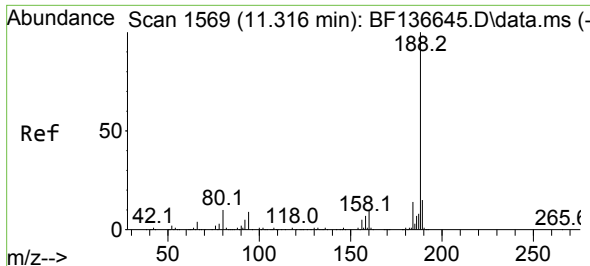
Ion Ratio Lower Upper

172 100

171 36.2 29.0 43.6

170 23.4 19.0 28.4

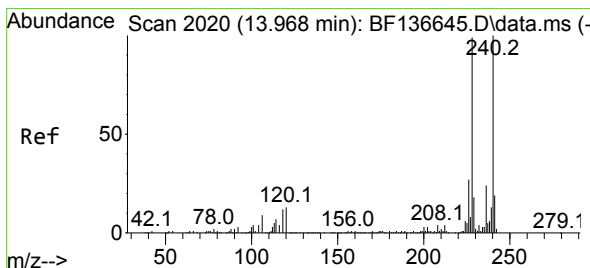
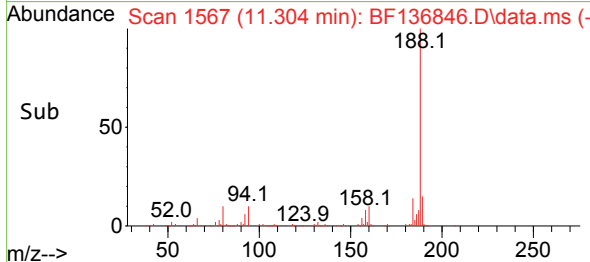
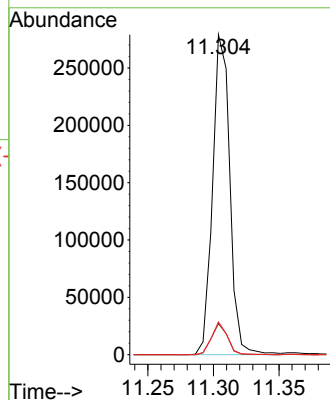
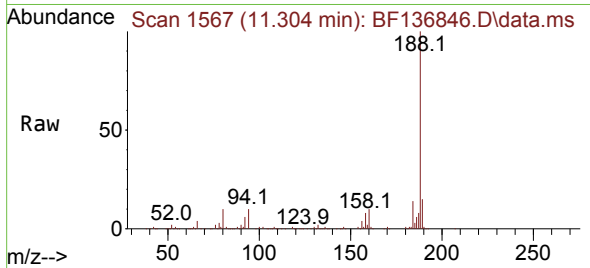




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.304 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: BF136846.D  
Acq: 30 Dec 2023 00:47

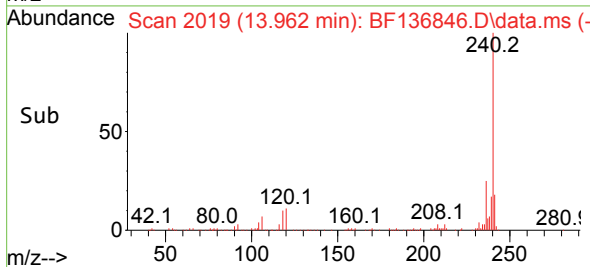
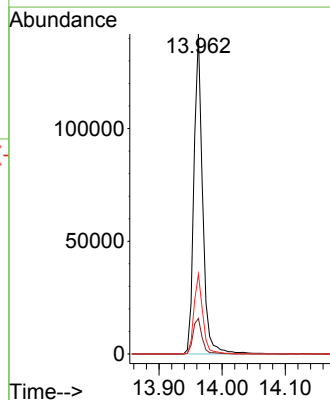
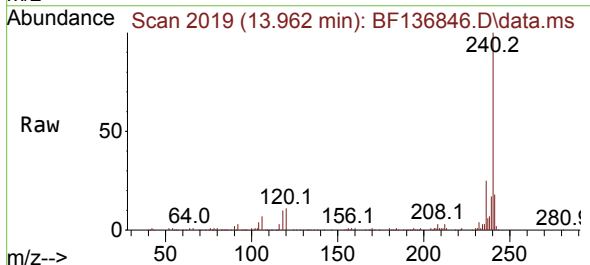
Instrument :  
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MR-317-0-2D

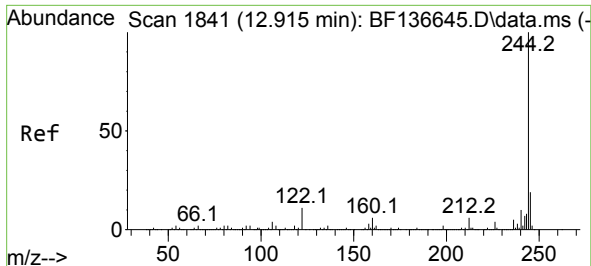
Tgt Ion:188 Resp: 255064  
Ion Ratio Lower Upper  
188 100  
94 9.7 7.5 11.3  
80 10.2 8.1 12.1



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.962 min Scan# 2019  
Delta R.T. -0.006 min  
Lab File: BF136846.D  
Acq: 30 Dec 2023 00:47

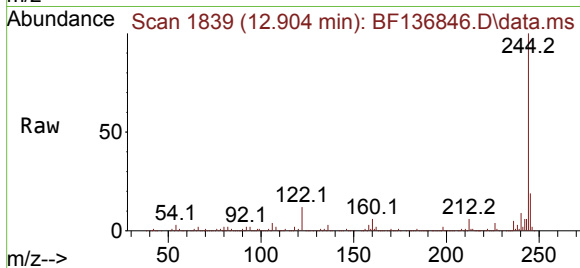
Tgt Ion:240 Resp: 136650  
Ion Ratio Lower Upper  
240 100  
120 11.1 10.3 15.5  
236 24.9 19.4 29.2



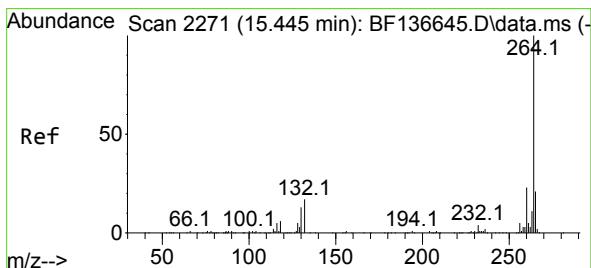
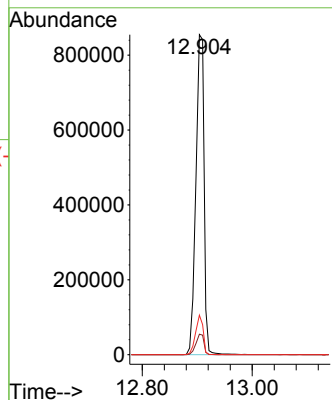
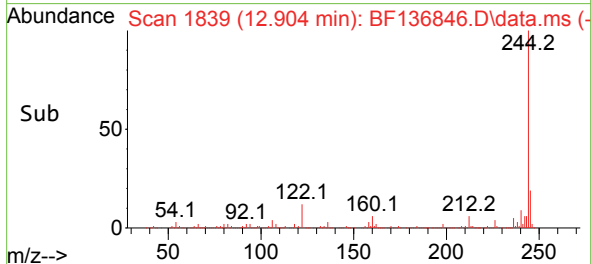


#79  
 Terphenyl-d14  
 Concen: 90.186 ng  
 RT: 12.904 min Scan# 1841  
 Delta R.T. -0.012 min  
 Lab File: BF136846.D  
 Acq: 30 Dec 2023 00:47

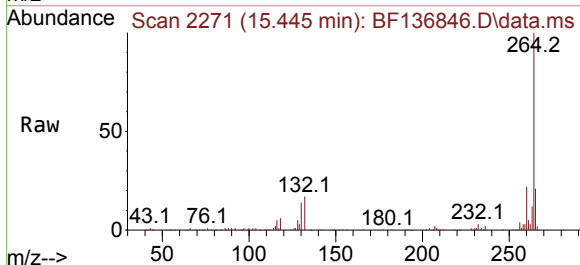
Instrument :  
 BNA\_F  
 ClientSampleId :  
 MR-317-0-2D



Tgt Ion:244 Resp: 881870  
 Ion Ratio Lower Upper  
 244 100  
 212 6.4 5.0 7.4  
 122 12.3 9.0 13.4



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.445 min Scan# 2271  
 Delta R.T. 0.000 min  
 Lab File: BF136846.D  
 Acq: 30 Dec 2023 00:47



Tgt Ion:264 Resp: 140426  
 Ion Ratio Lower Upper  
 264 100  
 260 22.1 18.3 27.5  
 265 20.6 17.0 25.6

