

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102823\  
 Data File : BF136021.D  
 Acq On : 28 Oct 2023 23:28  
 Operator : CG\JU  
 Sample : 05048-01  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 OILY-STONE

Quant Time: Oct 30 00:33:21 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF102523.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Oct 26 03:58:01 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.828  | 152  | 151938   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.104  | 136  | 577866   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.869  | 164  | 199509   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.410 | 188  | 123342   | 20.000 | ng    | # 0.06   |
| 76) Chrysene-d12            | 14.074 | 240  | 222197   | 20.000 | ng    | # 0.06   |
| 86) Perylene-d12            | 15.539 | 264  | 240545   | 20.000 | ng    | 0.05     |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.446  | 112  | 522529   | 53.105 | ng    | 0.00     |
| 7) Phenol-d6                | 6.451  | 99   | 637950   | 52.078 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.381  | 82   | 366257   | 46.004 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 10.680 | 330  | 84584    | 48.436 | ng    | 0.02     |
| 45) 2-Fluorobiphenyl        | 9.186  | 172  | 698180   | 56.036 | ng    | 0.00     |
| 79) Terphenyl-d14           | 13.027 | 244  | 255640   | 19.222 | ng    | 0.07     |

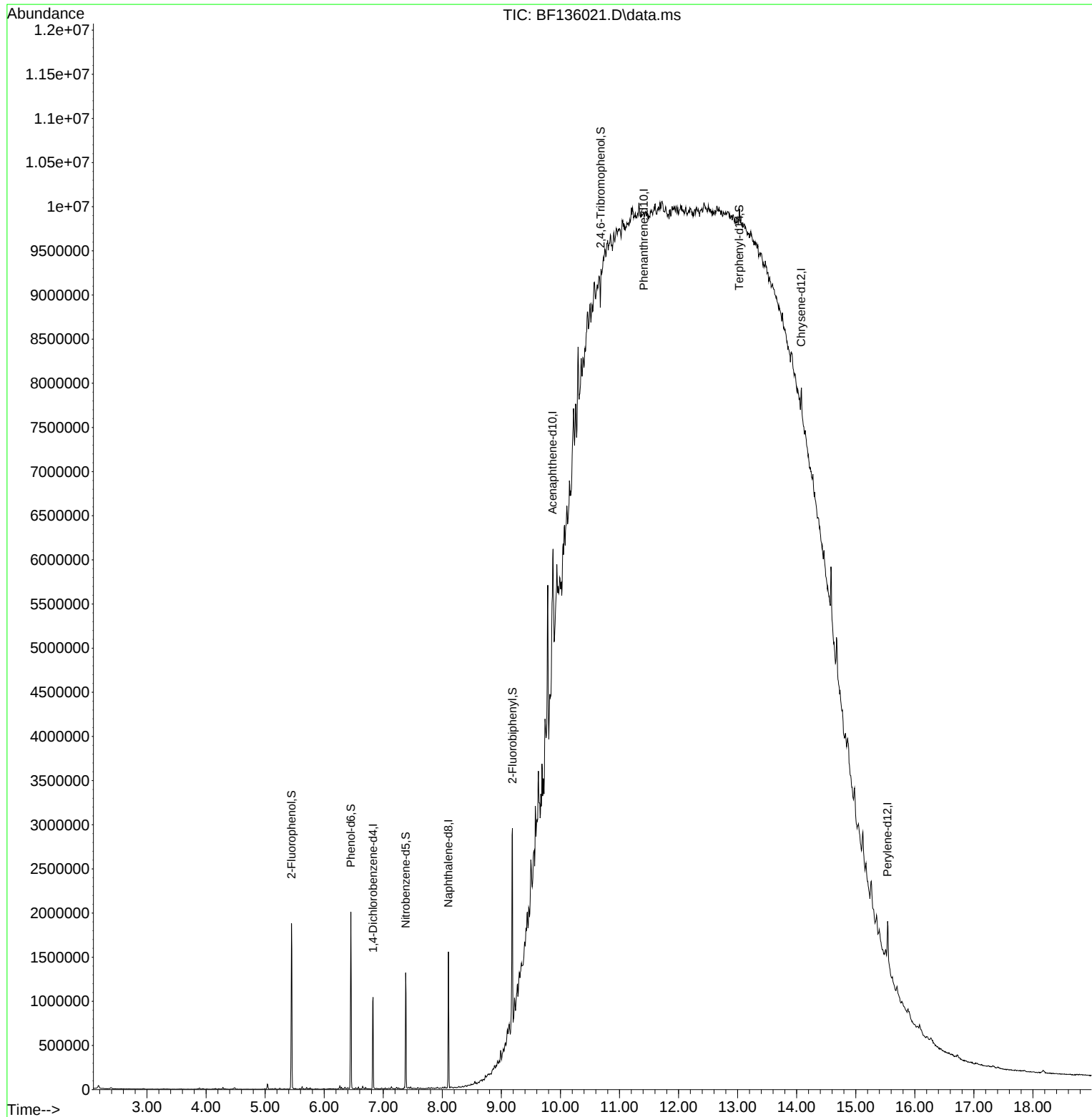
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

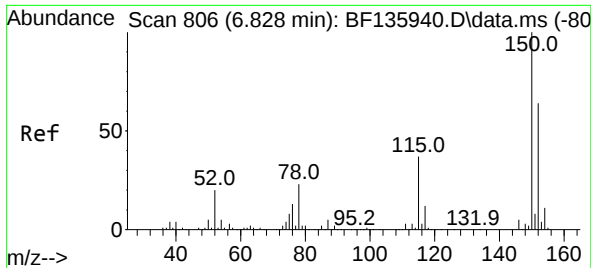
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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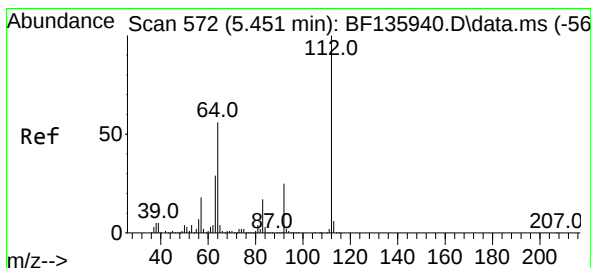
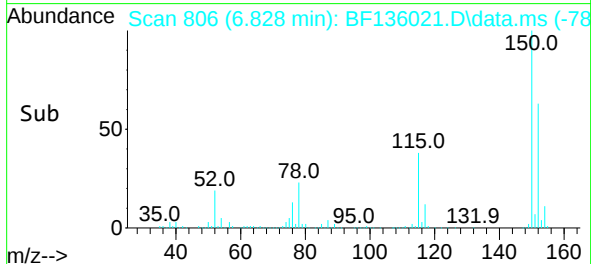
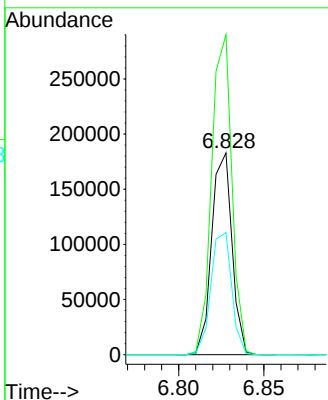
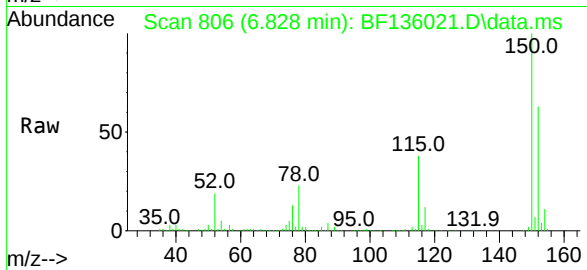




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.828 min Scan# 806  
Delta R.T. -0.000 min  
Lab File: BF136021.D  
Acq: 28 Oct 2023 23:28

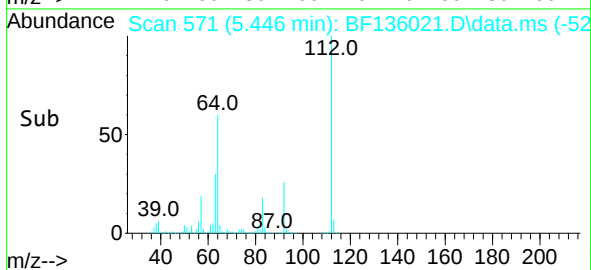
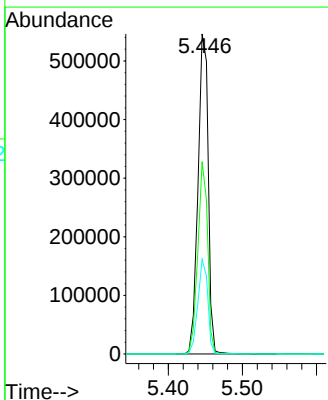
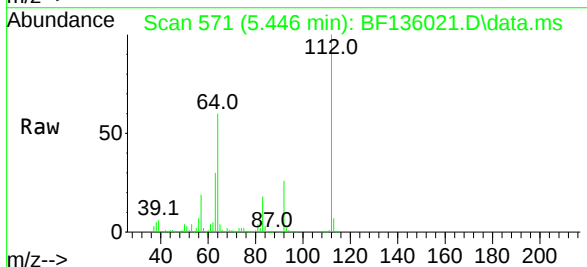
Instrument :  
BNA\_F  
ClientSampleId :  
OILY-STONE

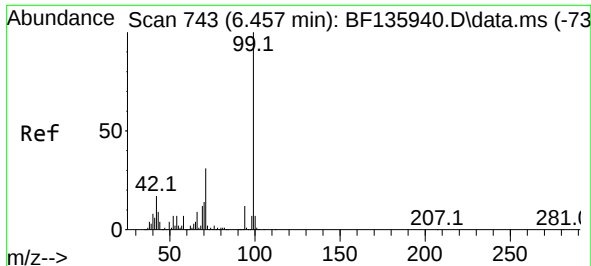
Tgt Ion:152 Resp: 151938  
Ion Ratio Lower Upper  
152 100  
150 158.6 124.6 186.8  
115 60.6 46.6 69.8



#5  
2-Fluorophenol  
Concen: 53.105 ng  
RT: 5.446 min Scan# 571  
Delta R.T. -0.006 min  
Lab File: BF136021.D  
Acq: 28 Oct 2023 23:28

Tgt Ion:112 Resp: 522529  
Ion Ratio Lower Upper  
112 100  
64 60.1 45.1 67.7  
63 29.6 23.0 34.4

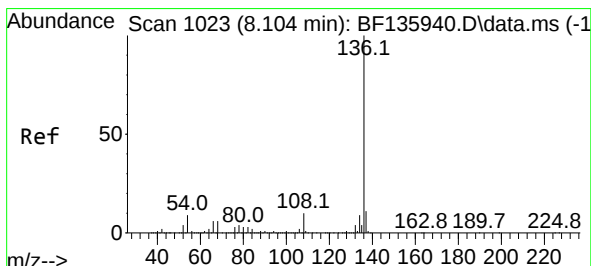
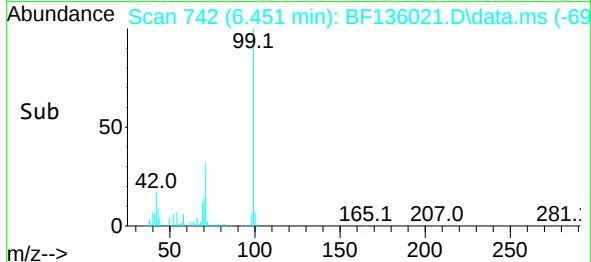
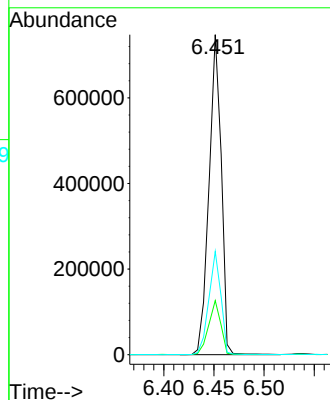
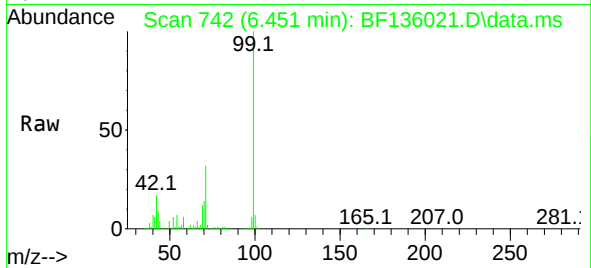




#7  
Phenol-d6  
Concen: 52.078 ng  
RT: 6.451 min Scan# 743  
Delta R.T. -0.006 min  
Lab File: BF136021.D  
Acq: 28 Oct 2023 23:28

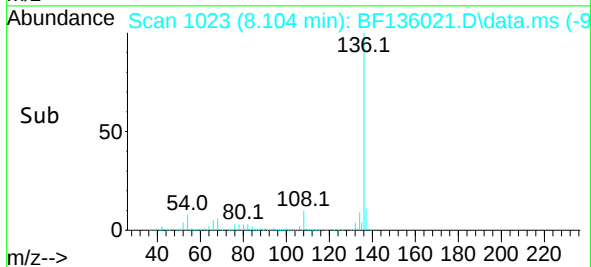
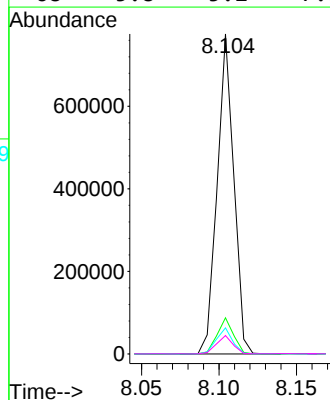
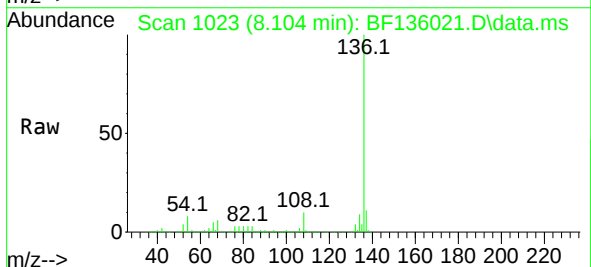
Instrument :  
BNA\_F  
ClientSampleId :  
OILY-STONE

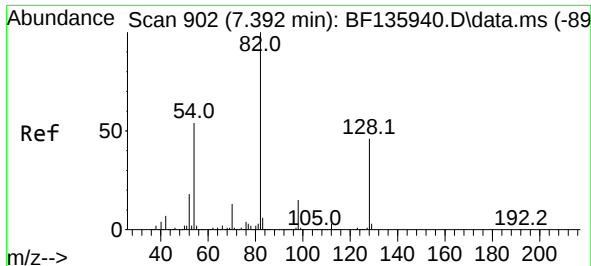
Tgt Ion: 99 Resp: 637950  
Ion Ratio Lower Upper  
99 100  
42 16.9 13.8 20.8  
71 32.3 25.1 37.7



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.104 min Scan# 1023  
Delta R.T. 0.000 min  
Lab File: BF136021.D  
Acq: 28 Oct 2023 23:28

Tgt Ion: 136 Resp: 577866  
Ion Ratio Lower Upper  
136 100  
137 11.3 9.0 13.6  
54 8.2 7.1 10.7  
68 5.8 5.2 7.8





#23

Nitrobenzene-d5

Concen: 46.004 ng

RT: 7.381 min Scan# 90

Delta R.T. -0.011 min

Lab File: BF136021.D

Acq: 28 Oct 2023 23:28

Instrument :

BNA\_F

ClientSampleId :

OILY-STONE

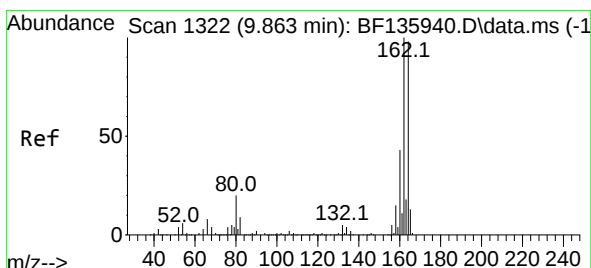
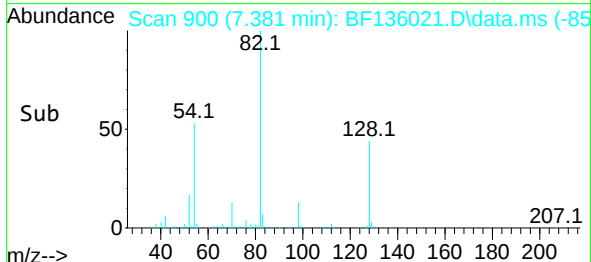
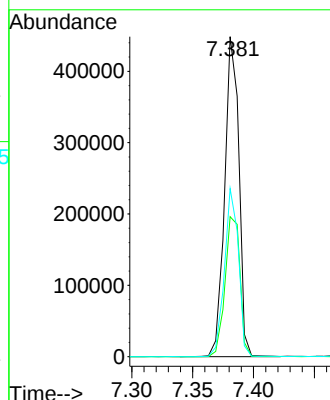
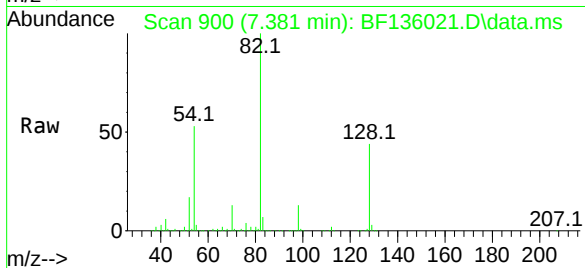
Tgt Ion: 82 Resp: 366257

Ion Ratio Lower Upper

82 100

128 43.8 36.8 55.2

54 52.5 43.4 65.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.869 min Scan# 1323

Delta R.T. 0.006 min

Lab File: BF136021.D

Acq: 28 Oct 2023 23:28

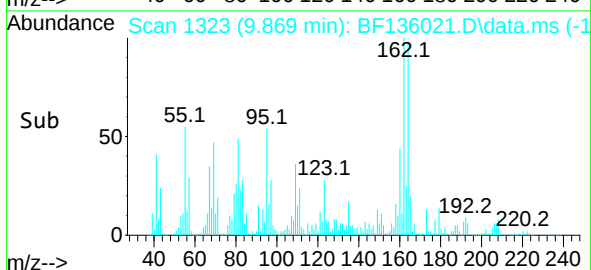
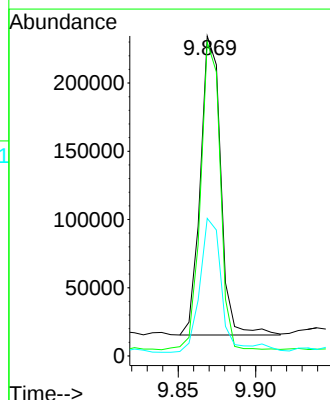
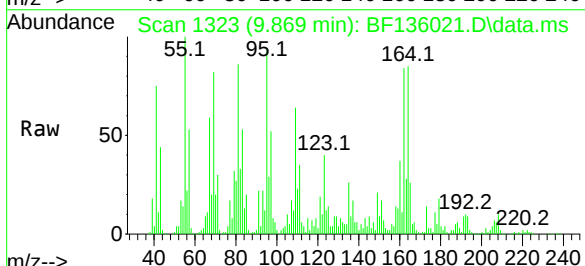
Tgt Ion:164 Resp: 199509

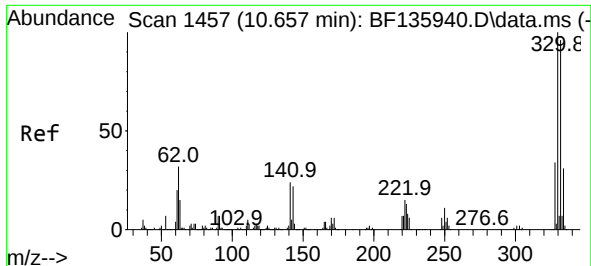
Ion Ratio Lower Upper

164 100

162 98.1 82.0 123.0

160 43.0 35.6 53.4





#42

2,4,6-Tribromophenol

Concen: 48.436 ng

RT: 10.680 min Scan# 1457

Delta R.T. 0.024 min

Lab File: BF136021.D

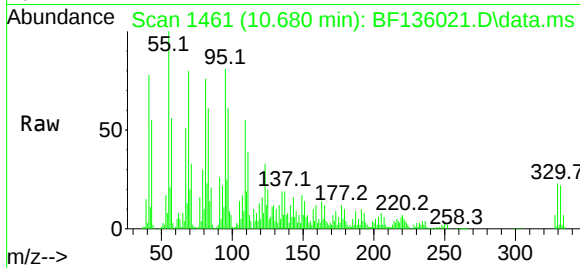
Acq: 28 Oct 2023 23:28

Instrument :

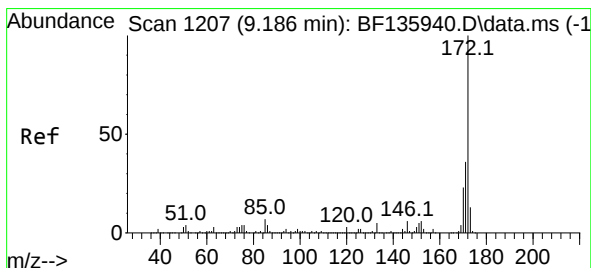
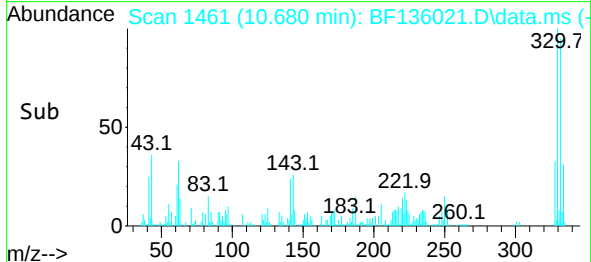
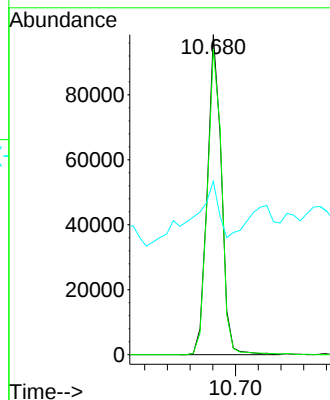
BNA\_F

ClientSampleId :

OILY-STONE



|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 330   | Resp: | 84584 |
| Ion Ratio | Lower | Upper |       |
| 330       | 100   |       |       |
| 332       | 97.9  | 77.4  | 116.2 |
| 141       | 41.0  | 24.9  | 37.3  |



#45

2-Fluorobiphenyl

Concen: 56.036 ng

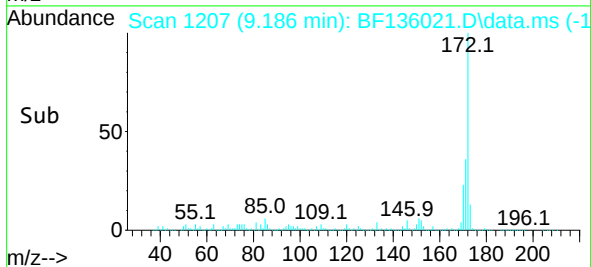
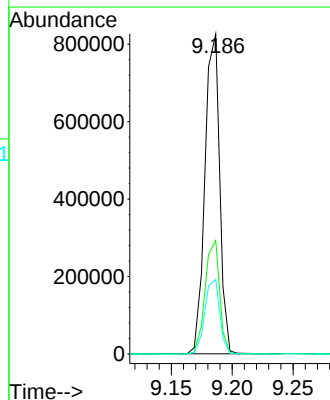
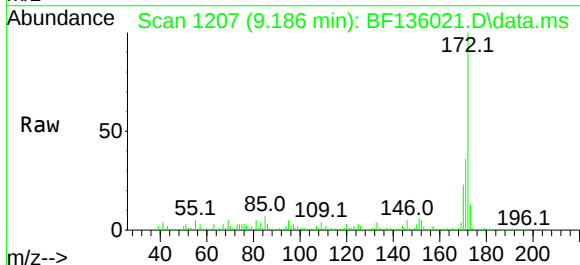
RT: 9.186 min Scan# 1207

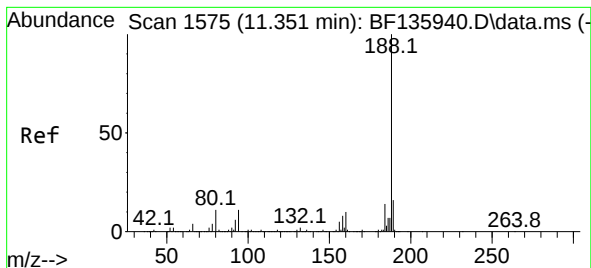
Delta R.T. 0.000 min

Lab File: BF136021.D

Acq: 28 Oct 2023 23:28

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 172   | Resp: | 698180 |
| Ion Ratio | Lower | Upper |        |
| 172       | 100   |       |        |
| 171       | 35.5  | 28.6  | 43.0   |
| 170       | 23.3  | 18.6  | 28.0   |





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 11

Delta R.T. 0.059 min

Lab File: BF136021.D

Acq: 28 Oct 2023 23:28

Instrument :

BNA\_F

ClientSampleId :

OILY-STONE

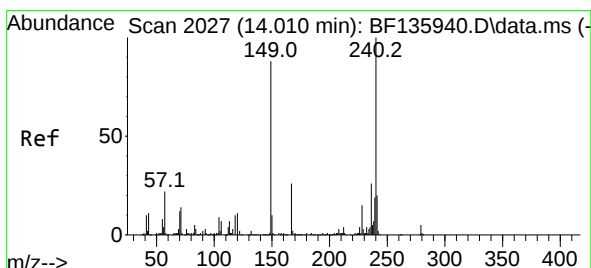
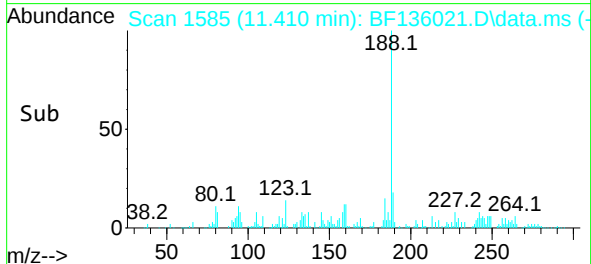
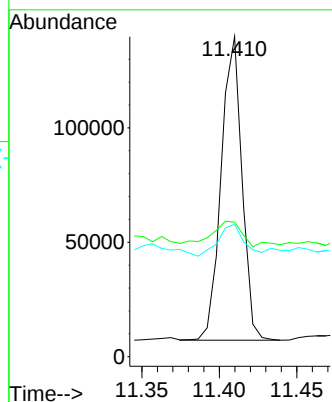
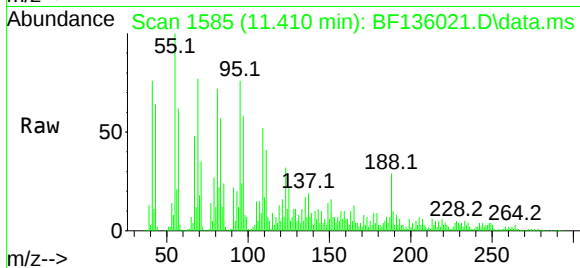
Tgt Ion:188 Resp: 123342

Ion Ratio Lower Upper

188 100

94 42.0 8.6 13.0#

80 41.4 9.0 13.6#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.074 min Scan# 2038

Delta R.T. 0.065 min

Lab File: BF136021.D

Acq: 28 Oct 2023 23:28

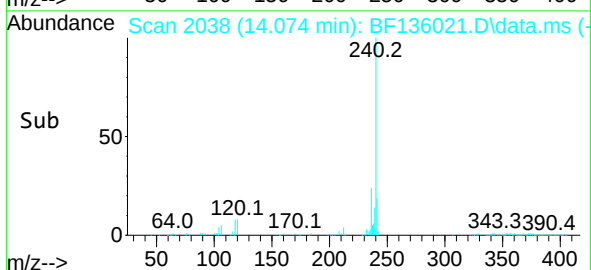
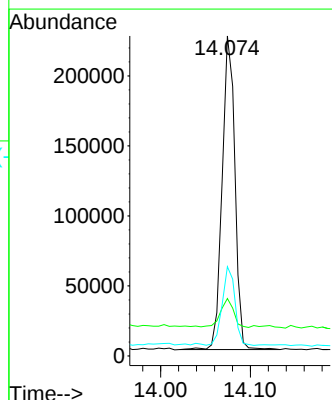
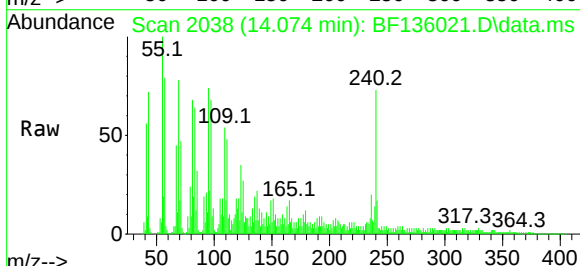
Tgt Ion:240 Resp: 222197

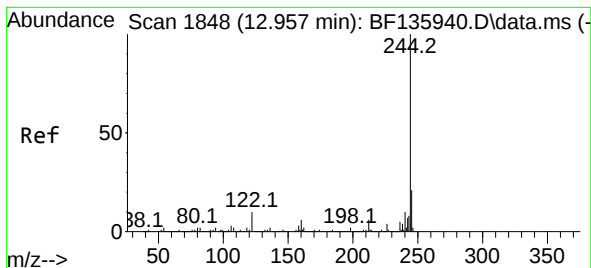
Ion Ratio Lower Upper

240 100

120 18.0 8.6 13.0#

236 27.9 20.6 30.8





#79

Terphenyl-d14

Concen: 19.222 ng

RT: 13.027 min Scan# 1860

Delta R.T. 0.071 min

Lab File: BF136021.D

Acq: 28 Oct 2023 23:28

Instrument :

BNA\_F

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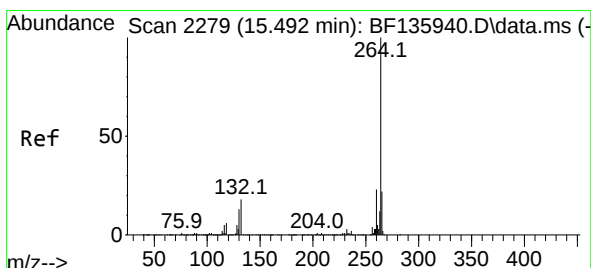
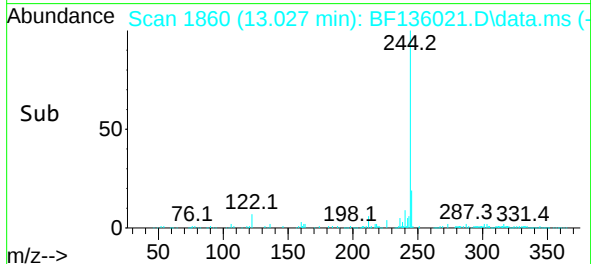
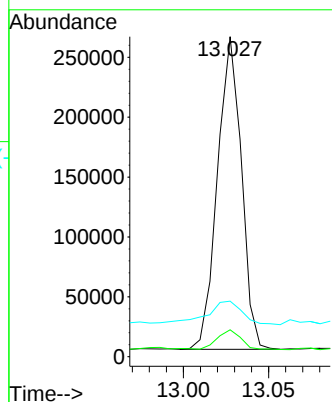
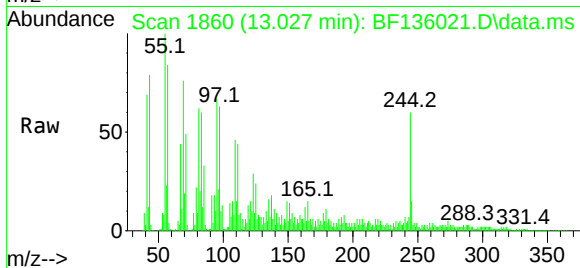
Tgt Ion:244 Resp: 255640

Ion Ratio Lower Upper

244 100

212 8.4 5.0 7.6#

122 17.4 8.0 12.0#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.539 min Scan# 2287

Delta R.T. 0.047 min

Lab File: BF136021.D

Acq: 28 Oct 2023 23:28

Tgt Ion:264 Resp: 240545

Ion Ratio Lower Upper

264 100

260 24.4 18.6 28.0

265 22.7 17.3 25.9

