

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF022823\  
 Data File : BF132580.D  
 Acq On : 28 Feb 2023 19:29  
 Operator : CG\JU  
 Sample : 01701-05  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 EB-2023-2-24

Quant Time: Mar 01 02:29:56 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF022223.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Feb 24 23:17:30 2023  
 Response via : Initial Calibration

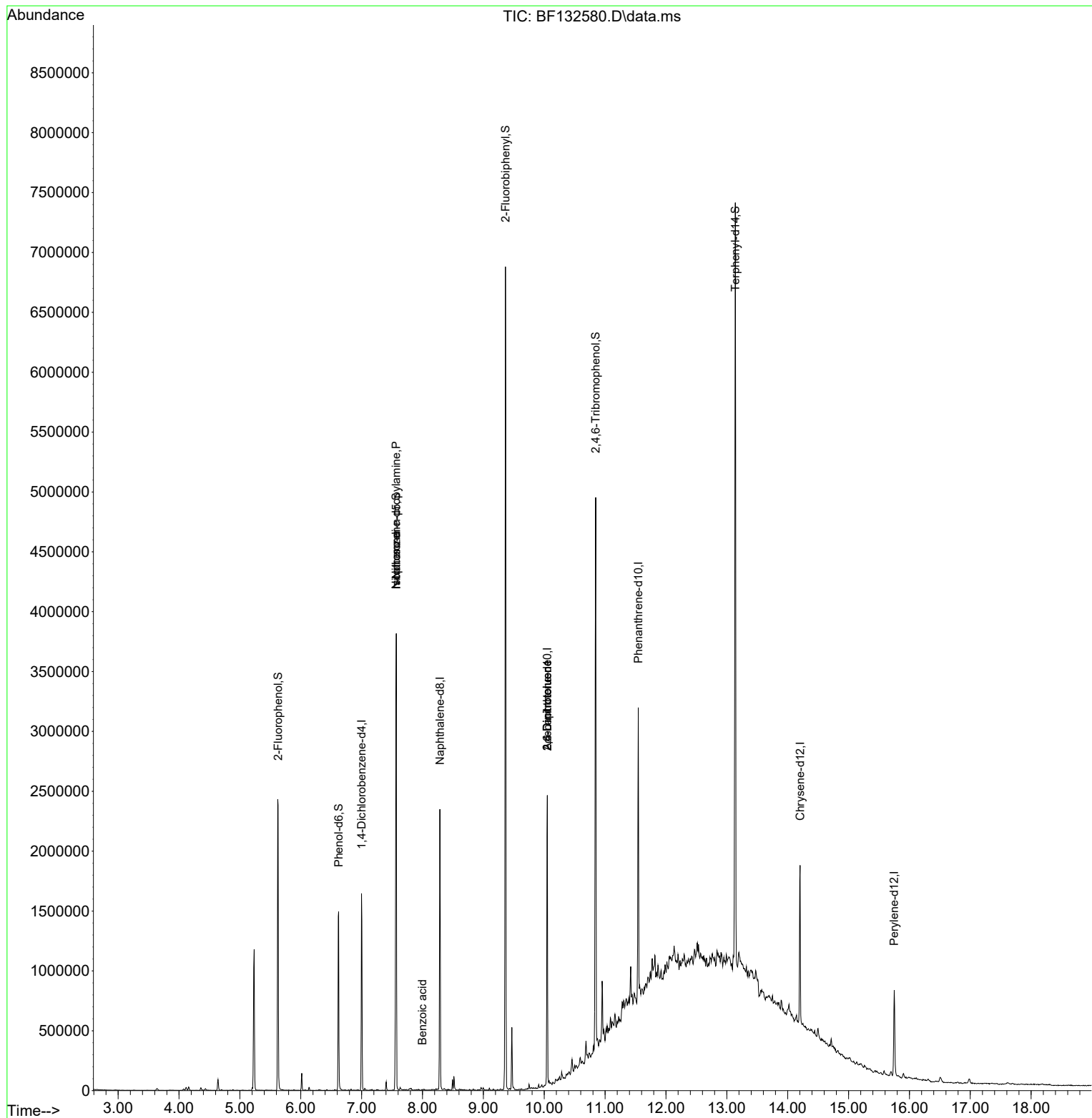
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.998  | 152  | 246370   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.286  | 136  | 938795   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 10.051 | 164  | 496629   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.545 | 188  | 880882   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 14.204 | 240  | 476072   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 15.751 | 264  | 362399   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.628  | 112  | 720094   | 47.436  | ng    | 0.00     |
| 7) Phenol-d6                  | 6.622  | 99   | 546055   | 27.563  | ng    | -0.01    |
| 23) Nitrobenzene-d5           | 7.569  | 82   | 1358599  | 68.660  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.845 | 330  | 596069   | 111.137 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.363  | 172  | 2241083  | 68.711  | ng    | 0.00     |
| 79) Terphenyl-d14             | 13.139 | 244  | 2639816  | 93.752  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
| 19) n-Nitroso-di-n-propyla... | 7.569  | 70   | 178584   | 14.647  | ng    | # 75     |
| 25) Isophorone                | 7.569  | 82   | 1356962  | 35.769  | ng    | # 67     |
| 32) Benzoic acid              | 7.998  | 122  | 1363     | 3.944   | ng    | # 79     |
| 51) 2,6-Dinitrotoluene        | 10.051 | 165  | 65506    | 7.954   | ng    | # 22     |
| 57) 2,4-Dinitrotoluene        | 10.051 | 165  | 65506    | 5.979   | ng    | # 21     |
| -----                         |        |      |          |         |       |          |

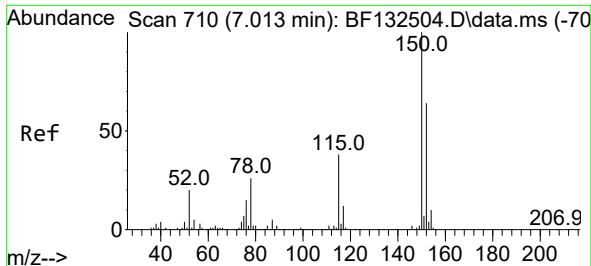
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Mar 01 02:29:56 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF022223.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Feb 24 23:17:30 2023  
Response via : Initial Calibration

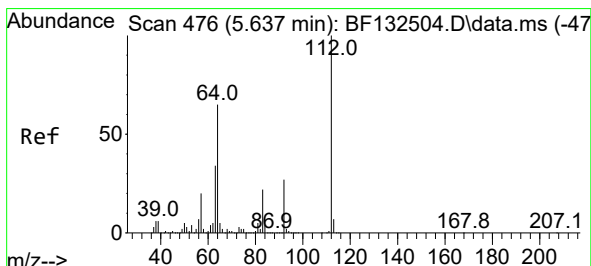
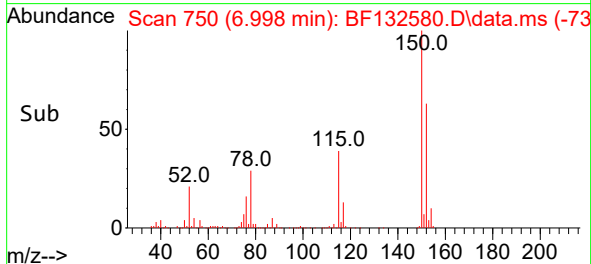
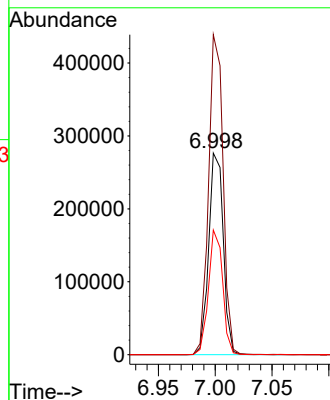
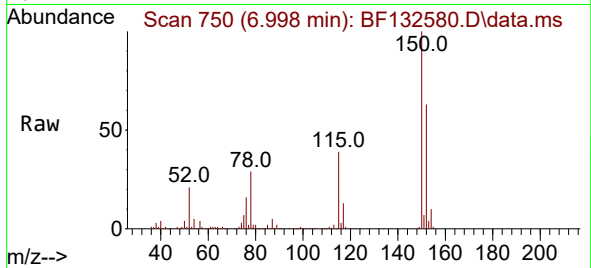




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.998 min Scan# 710  
Delta R.T. -0.009 min  
Lab File: BF132580.D  
Acq: 28 Feb 2023 19:29

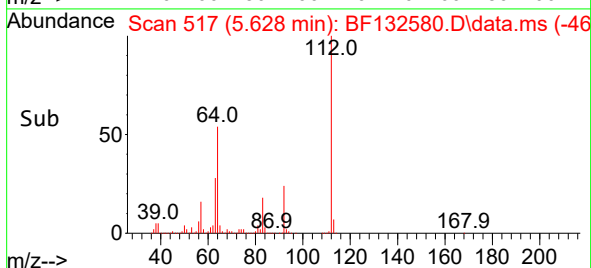
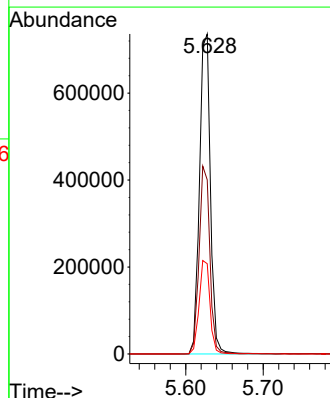
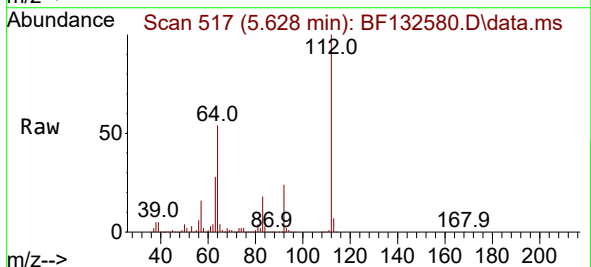
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BNA\_F  
ClientSampleId :  
EB-2023-2-24

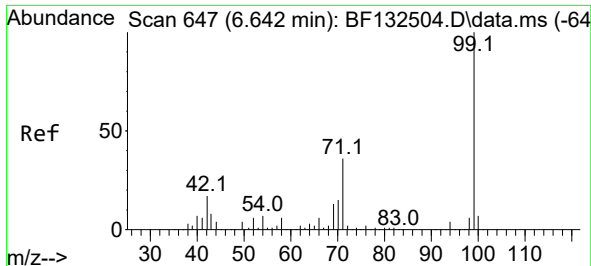
Tgt Ion:152 Resp: 246370  
Ion Ratio Lower Upper  
152 100  
150 158.7 125.4 188.2  
115 61.8 47.8 71.6



#5  
2-Fluorophenol  
Concen: 47.436 ng  
RT: 5.628 min Scan# 517  
Delta R.T. -0.003 min  
Lab File: BF132580.D  
Acq: 28 Feb 2023 19:29

Tgt Ion:112 Resp: 720094  
Ion Ratio Lower Upper  
112 100  
64 54.4 51.6 77.4  
63 28.2 27.4 41.2

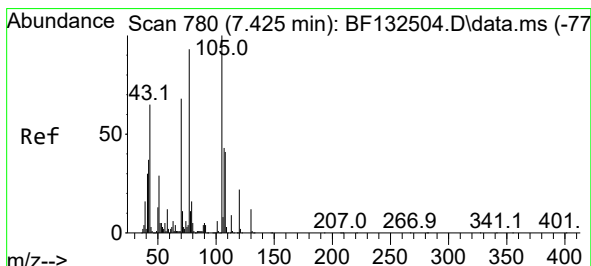
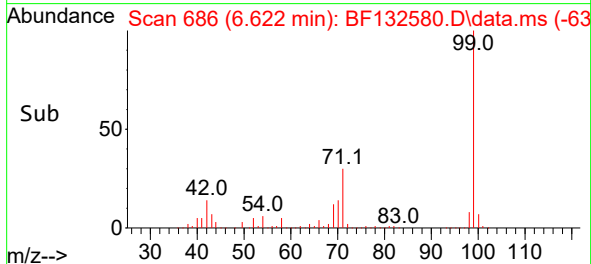
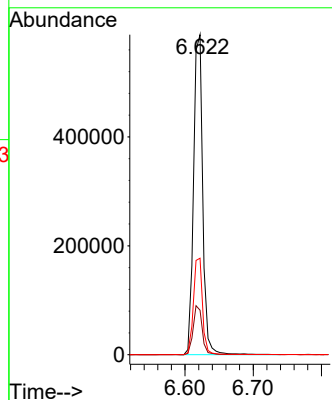
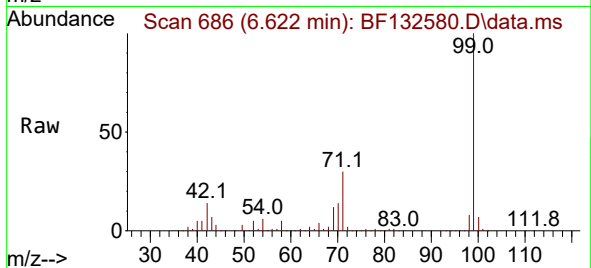




#7  
Phenol-d6  
Concen: 27.563 ng  
RT: 6.622 min Scan# 61  
Delta R.T. -0.015 min  
Lab File: BF132580.D  
Acq: 28 Feb 2023 19:29

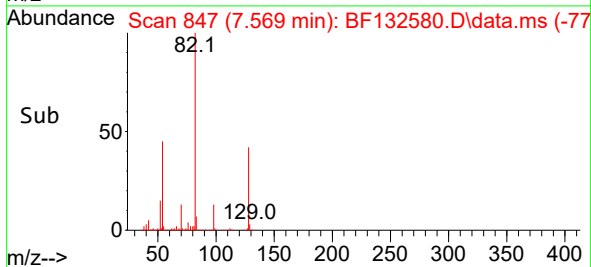
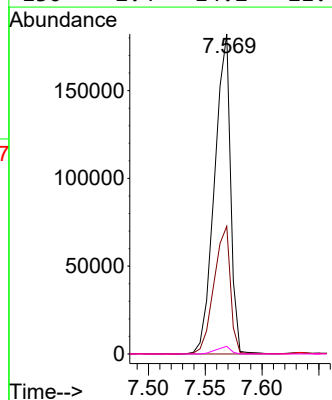
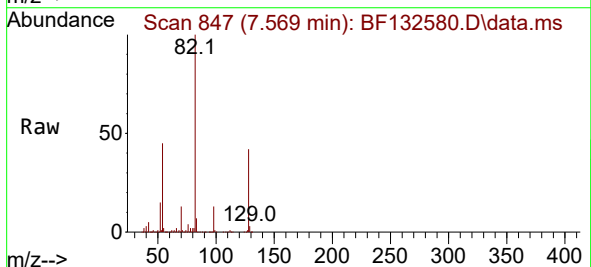
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BNA\_F  
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EB-2023-2-24

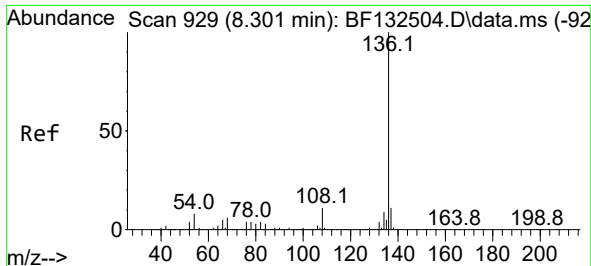
Tgt Ion: 99 Resp: 546055  
Ion Ratio Lower Upper  
99 100  
42 13.9 13.9 20.9#  
71 30.2 28.5 42.7



#19  
n-Nitroso-di-n-propylamine  
Concen: 14.647 ng  
RT: 7.569 min Scan# 847  
Delta R.T. 0.150 min  
Lab File: BF132580.D  
Acq: 28 Feb 2023 19:29

Tgt Ion: 70 Resp: 178584  
Ion Ratio Lower Upper  
70 100  
42 39.9 44.1 66.1#  
101 0.0 7.4 11.2#  
130 2.4 14.2 21.4#

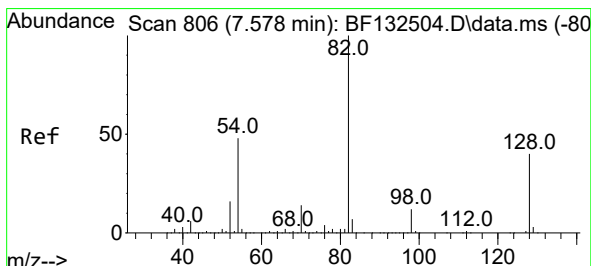
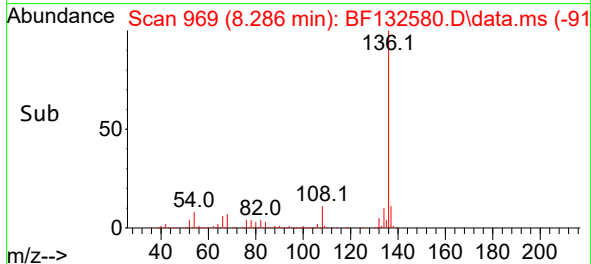
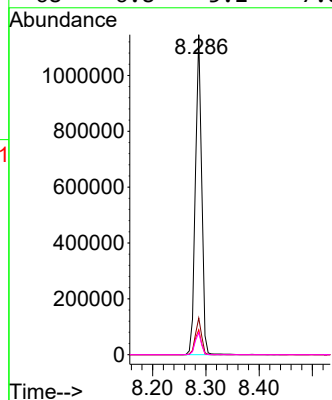
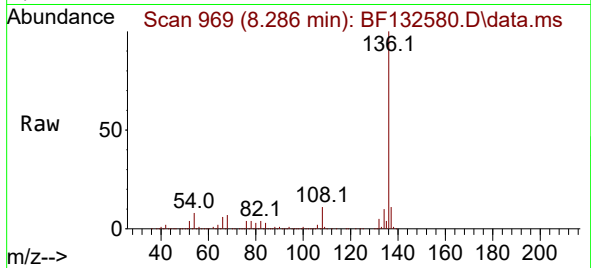




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.286 min Scan# 910  
Delta R.T. -0.003 min  
Lab File: BF132580.D  
Acq: 28 Feb 2023 19:29

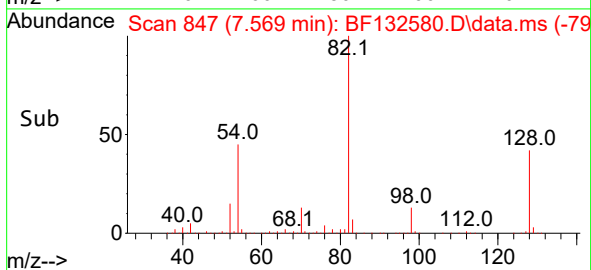
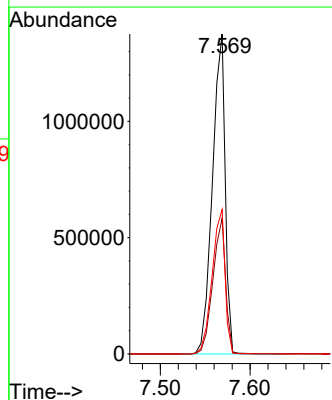
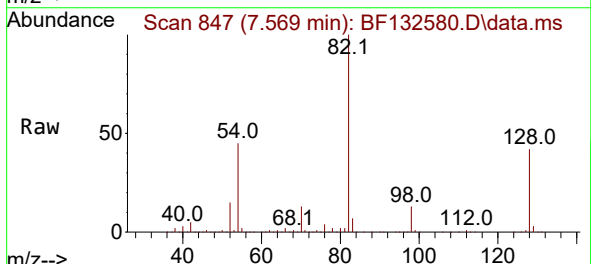
Instrument :  
BNA\_F  
ClientSampleId :  
EB-2023-2-24

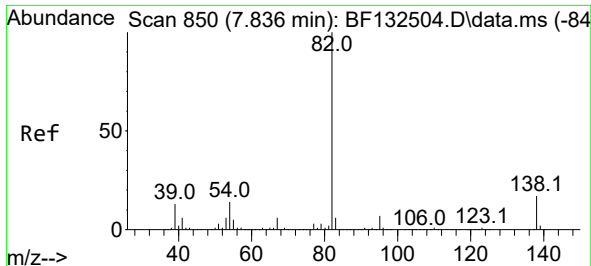
Tgt Ion:136 Resp: 938795  
Ion Ratio Lower Upper  
136 100  
137 11.4 8.9 13.3  
54 7.8 6.2 9.4  
68 6.8 5.2 7.8



#23  
Nitrobenzene-d5  
Concen: 68.660 ng  
RT: 7.569 min Scan# 847  
Delta R.T. -0.003 min  
Lab File: BF132580.D  
Acq: 28 Feb 2023 19:29

Tgt Ion: 82 Resp: 1358599  
Ion Ratio Lower Upper  
82 100  
128 42.4 32.2 48.2  
54 45.2 38.4 57.6

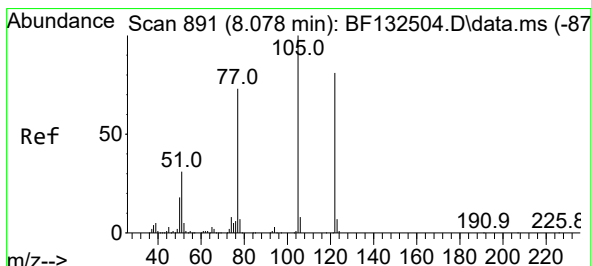
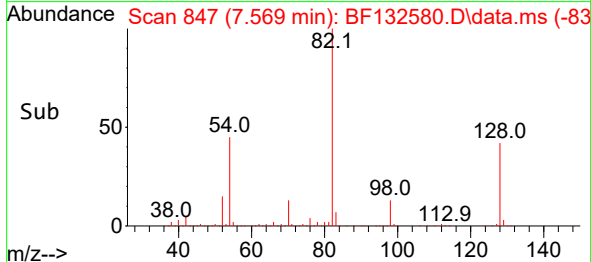
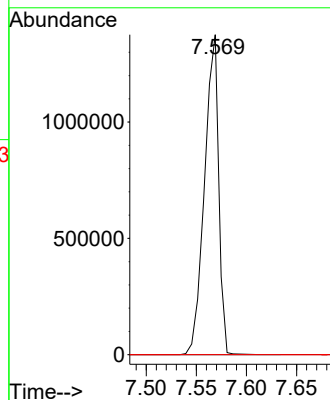
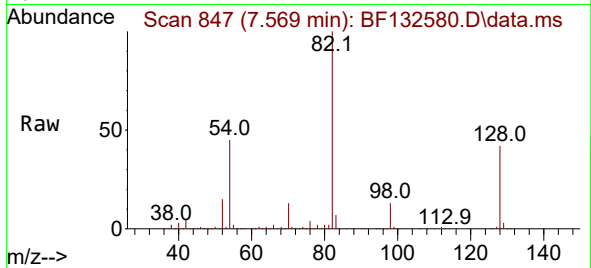




#25  
Isophorone  
Concen: 35.769 ng  
RT: 7.569 min Scan# 84  
Delta R.T. -0.256 min  
Lab File: BF132580.D  
Acq: 28 Feb 2023 19:29

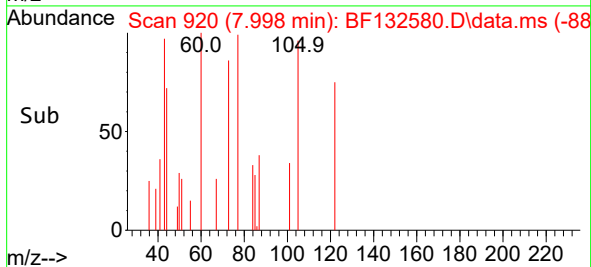
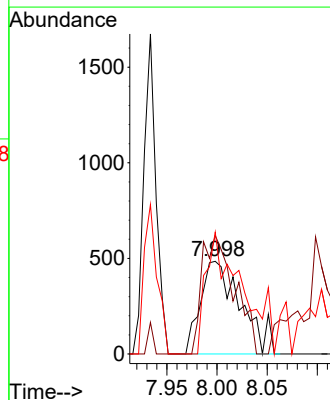
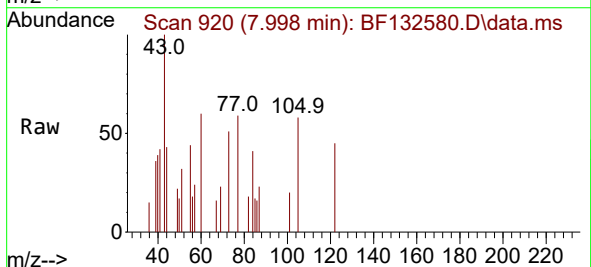
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EB-2023-2-24

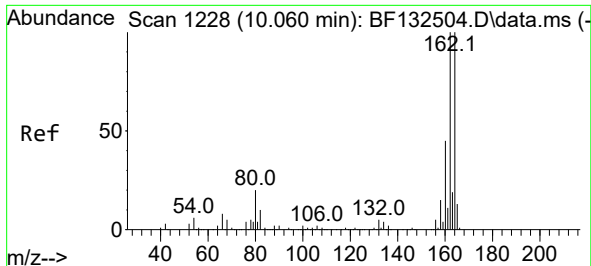
Tgt Ion: 82 Resp: 1356962  
Ion Ratio Lower Upper  
82 100  
95 0.0 5.7 8.5#  
138 0.0 13.3 19.9#



#32  
Benzoic acid  
Concen: 3.944 ng  
RT: 7.998 min Scan# 920  
Delta R.T. -0.068 min  
Lab File: BF132580.D  
Acq: 28 Feb 2023 19:29

Tgt Ion: 122 Resp: 1363  
Ion Ratio Lower Upper  
122 100  
105 127.8 102.6 142.6  
77 131.3 70.2 110.2#

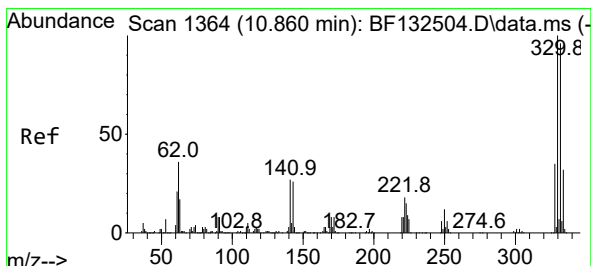
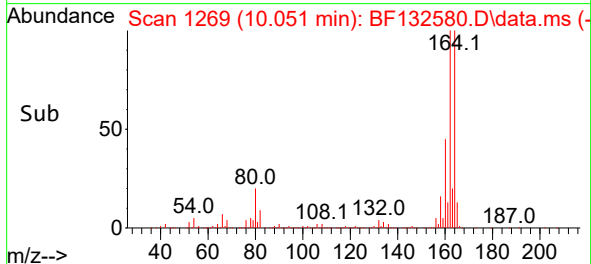
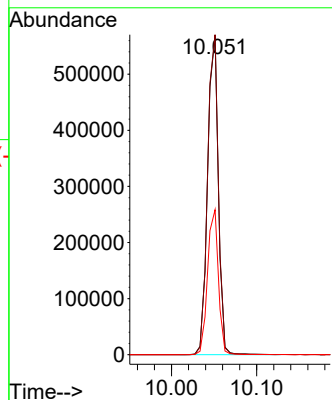
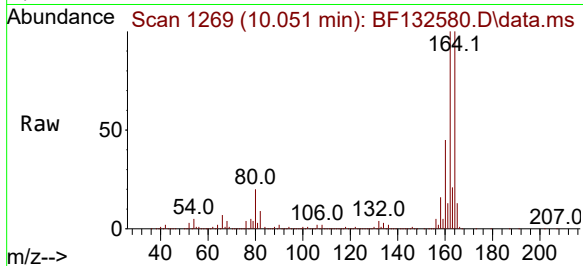




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 10.051 min Scan# 11  
Delta R.T. -0.003 min  
Lab File: BF132580.D  
Acq: 28 Feb 2023 19:29

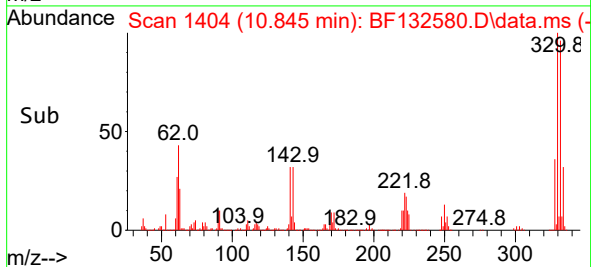
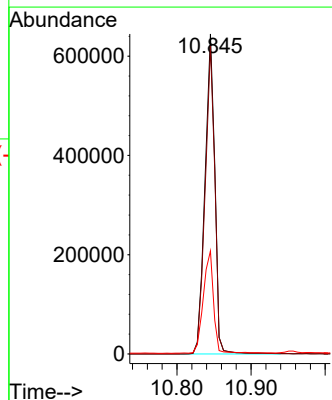
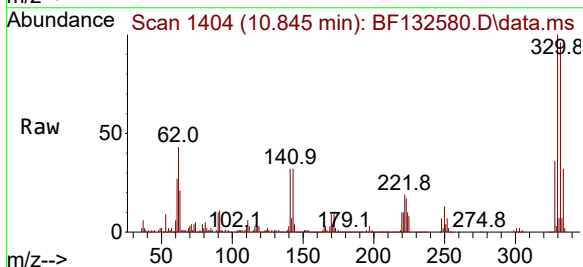
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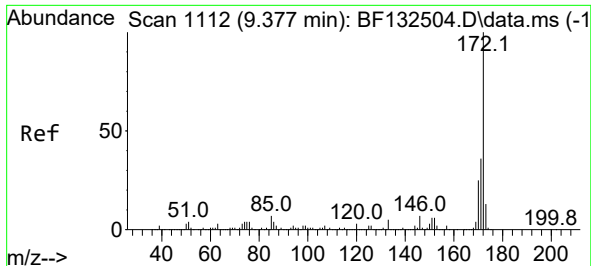
Tgt Ion:164 Resp: 496629  
Ion Ratio Lower Upper  
164 100  
162 100.1 79.8 119.8  
160 45.4 35.8 53.6



#42  
2,4,6-Tribromophenol  
Concen: 111.137 ng  
RT: 10.845 min Scan# 1404  
Delta R.T. -0.003 min  
Lab File: BF132580.D  
Acq: 28 Feb 2023 19:29

Tgt Ion:330 Resp: 596069  
Ion Ratio Lower Upper  
330 100  
332 95.5 76.2 114.4  
141 33.5 28.4 42.6

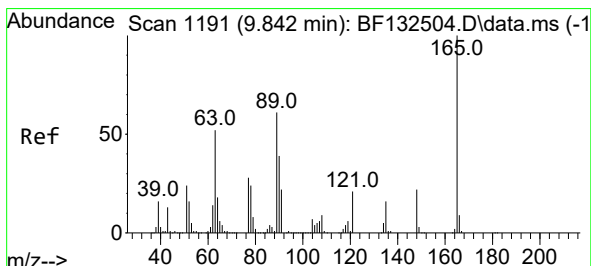
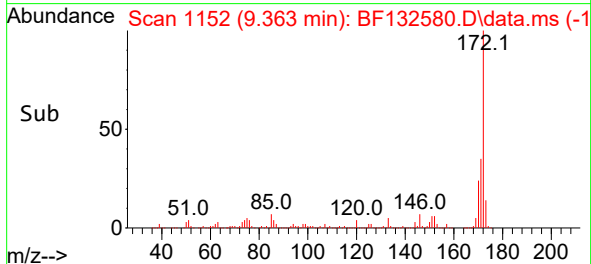
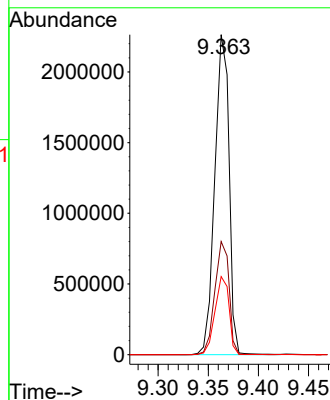
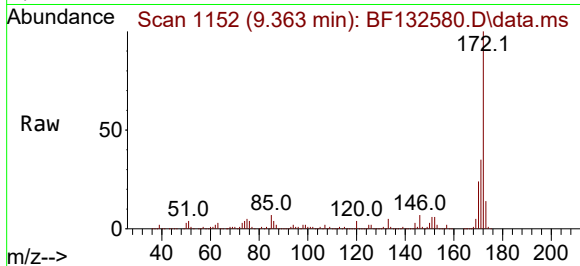




#45  
2-Fluorobiphenyl  
Concen: 68.711 ng  
RT: 9.363 min Scan# 1112  
Delta R.T. -0.009 min  
Lab File: BF132580.D  
Acq: 28 Feb 2023 19:29

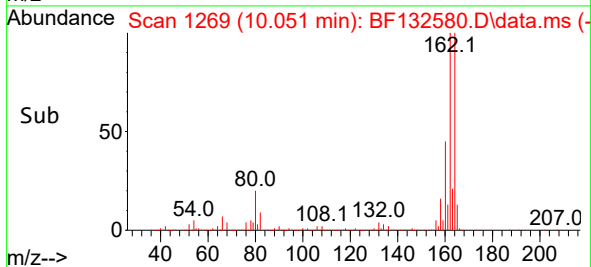
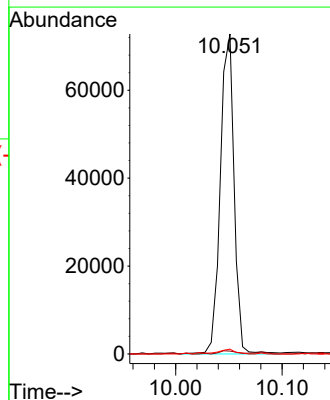
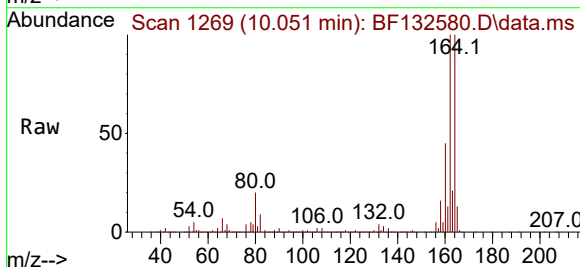
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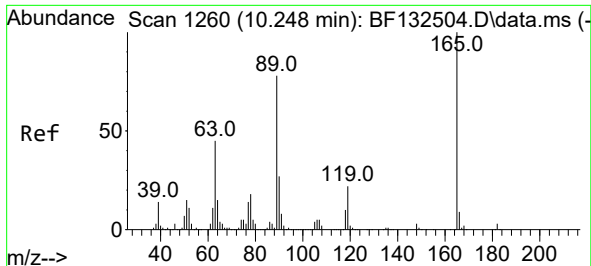
Tgt Ion:172 Resp: 2241083  
Ion Ratio Lower Upper  
172 100  
171 35.3 28.8 43.2  
170 24.4 19.7 29.5



#51  
2,6-Dinitrotoluene  
Concen: 7.954 ng  
RT: 10.051 min Scan# 1269  
Delta R.T. 0.215 min  
Lab File: BF132580.D  
Acq: 28 Feb 2023 19:29

Tgt Ion:165 Resp: 65506  
Ion Ratio Lower Upper  
165 100  
63 0.9 47.3 70.9#  
89 1.5 48.9 73.3#

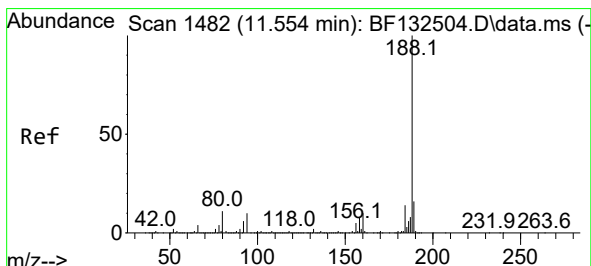
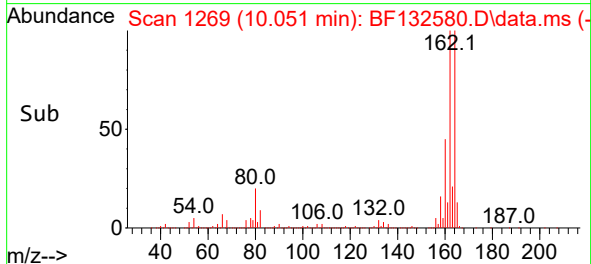
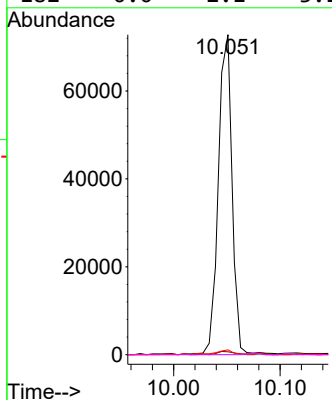
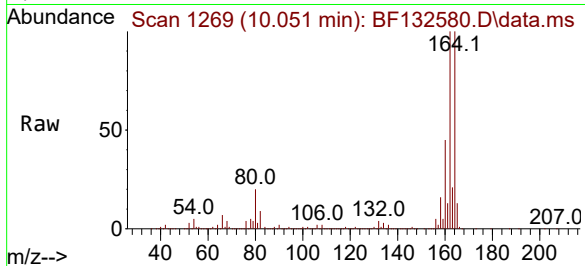




#57  
2,4-Dinitrotoluene  
Concen: 5.979 ng  
RT: 10.051 min Scan# 11  
Delta R.T. -0.191 min  
Lab File: BF132580.D  
Acq: 28 Feb 2023 19:29

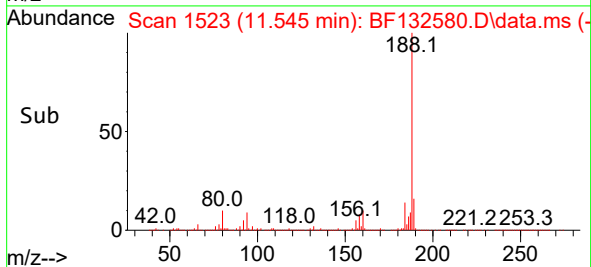
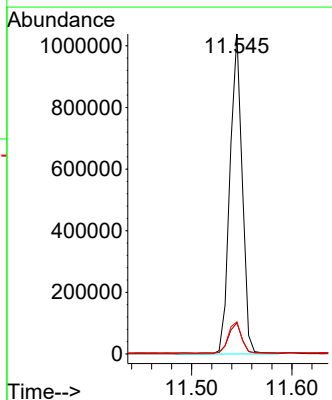
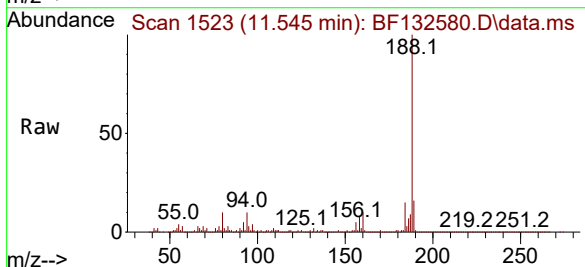
Instrument :  
BNA\_F  
ClientSampleId :  
EB-2023-2-24

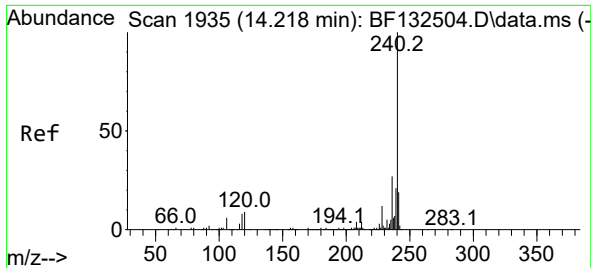
Tgt Ion:165 Resp: 65506  
Ion Ratio Lower Upper  
165 100  
63 0.9 36.5 54.7#  
89 1.5 62.4 93.6#  
182 0.0 2.1 3.1#



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.545 min Scan# 1523  
Delta R.T. -0.003 min  
Lab File: BF132580.D  
Acq: 28 Feb 2023 19:29

Tgt Ion:188 Resp: 880882  
Ion Ratio Lower Upper  
188 100  
94 9.7 8.3 12.5  
80 10.0 8.7 13.1

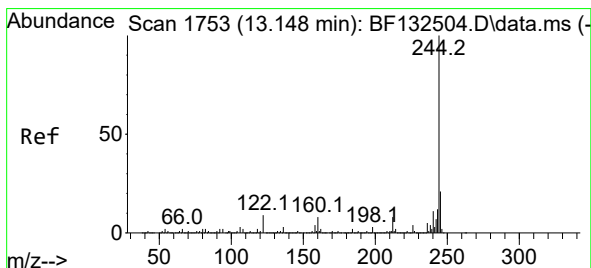
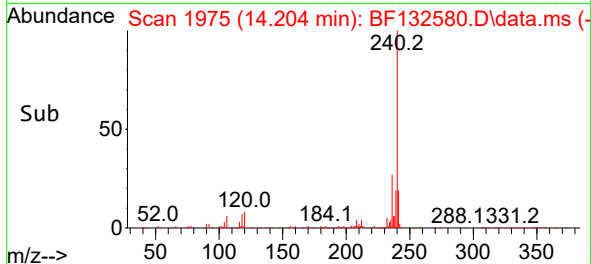
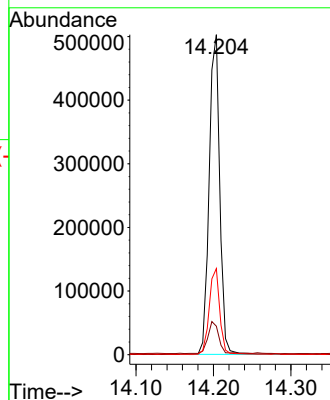
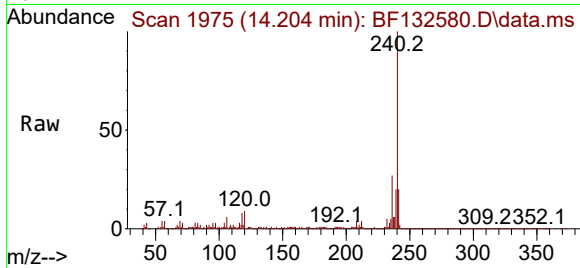




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.204 min Scan# 1794  
Delta R.T. -0.003 min  
Lab File: BF132580.D  
Acq: 28 Feb 2023 19:29

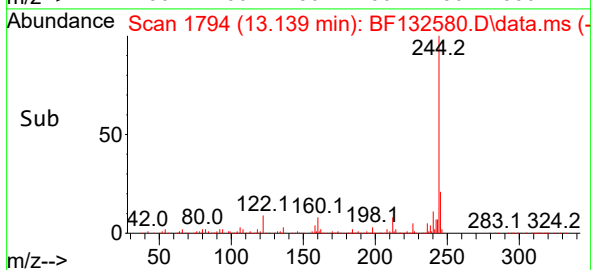
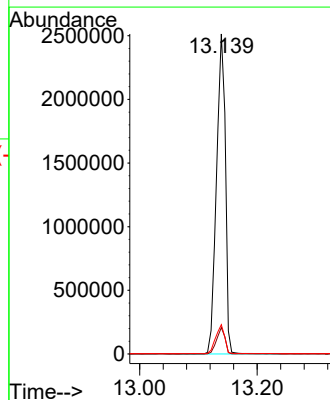
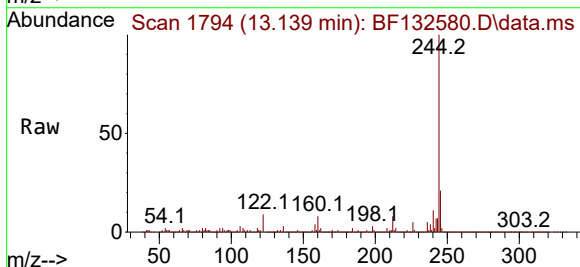
Instrument :  
BNA\_F  
ClientSampleId :  
EB-2023-2-24

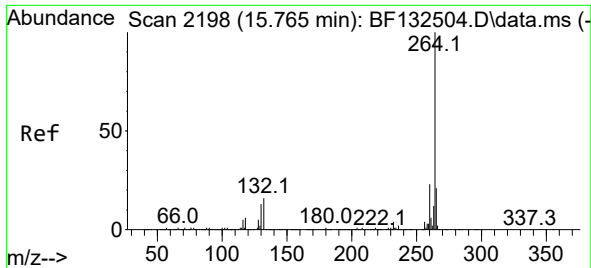
Tgt Ion:240 Resp: 476072  
Ion Ratio Lower Upper  
240 100  
120 8.9 7.2 10.8  
236 26.9 21.8 32.6



#79  
Terphenyl-d14  
Concen: 93.752 ng  
RT: 13.139 min Scan# 1794  
Delta R.T. -0.003 min  
Lab File: BF132580.D  
Acq: 28 Feb 2023 19:29

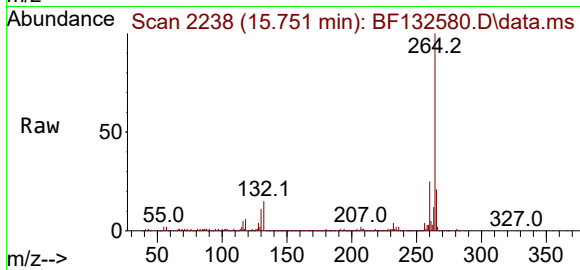
Tgt Ion:244 Resp: 2639816  
Ion Ratio Lower Upper  
244 100  
212 8.3 6.5 9.7  
122 9.2 7.5 11.3





#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.751 min Scan# 21  
 Delta R.T. -0.003 min  
 Lab File: BF132580.D  
 Acq: 28 Feb 2023 19:29

Instrument :  
 BNA\_F  
 ClientSampleId :  
 EB-2023-2-24



Tgt Ion:264 Resp: 362399  
 Ion Ratio Lower Upper  
 264 100  
 260 24.7 18.8 28.2  
 265 21.4 17.1 25.7

