

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF100323\  
 Data File : BF135546.D  
 Acq On : 03 Oct 2023 17:27  
 Operator : CG\JU  
 Sample : 04666-01 10X  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 VNJ-201

Quant Time: Oct 03 17:47:45 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF091123.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Sep 30 00:12:20 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.739  | 152  | 165646   | 20.000 | ng    | -0.01    |
| 21) Naphthalene-d8          | 8.016  | 136  | 610803   | 20.000 | ng    | -0.01    |
| 39) Acenaphthene-d10        | 9.769  | 164  | 269899   | 20.000 | ng    | -0.02    |
| 64) Phenanthrene-d10        | 11.263 | 188  | 427783   | 20.000 | ng    | #-0.01   |
| 76) Chrysene-d12            | 13.921 | 240  | 288647   | 20.000 | ng    | -0.01    |
| 86) Perylene-d12            | 15.386 | 264  | 240747   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.375  | 112  | 87867    | 8.627  | ng    | 0.00     |
| 7) Phenol-d6                | 6.392  | 99   | 111388   | 8.601  | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 7.304  | 82   | 63779    | 5.673  | ng    | -0.02    |
| 42) 2,4,6-Tribromophenol    | 10.569 | 330  | 12768    | 4.760  | ng    | -0.01    |
| 45) 2-Fluorobiphenyl        | 9.092  | 172  | 116783   | 6.528  | ng    | -0.02    |
| 79) Terphenyl-d14           | 12.857 | 244  | 88790    | 4.769  | ng    | -0.02    |

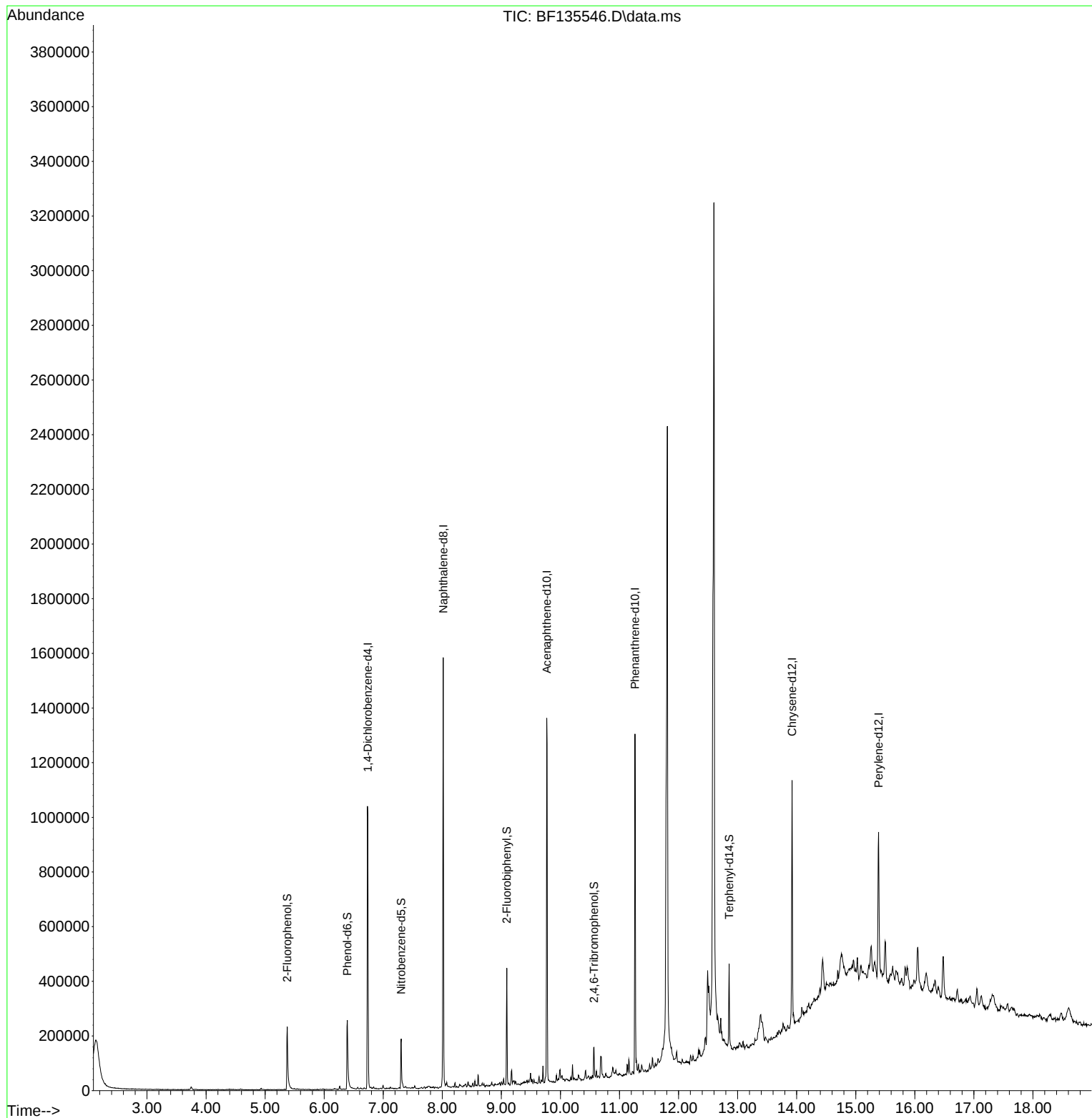
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            | -----  |

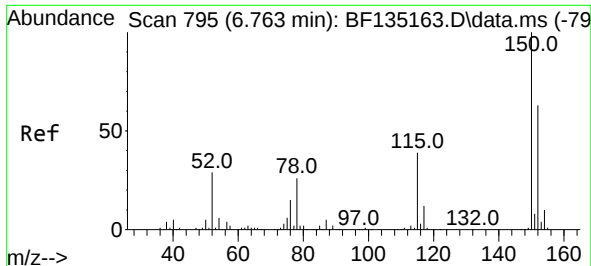
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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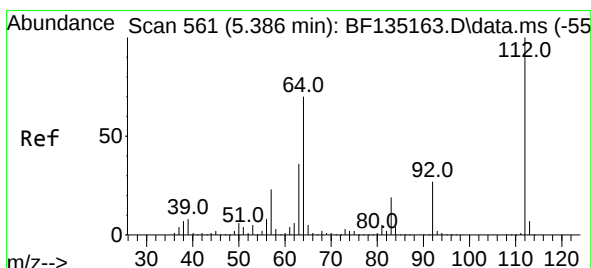
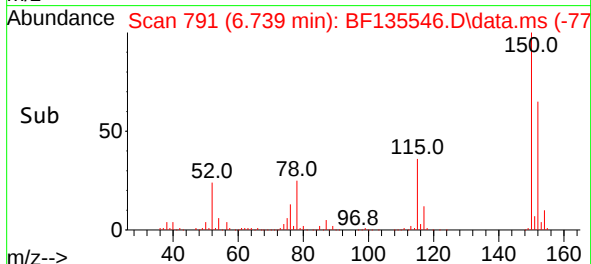
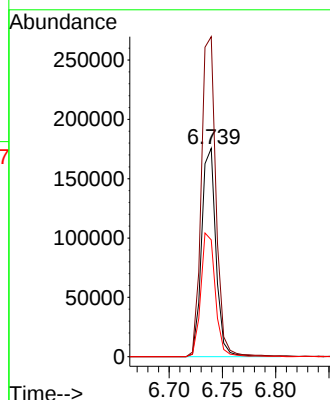
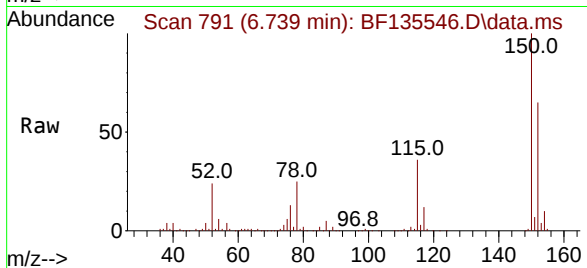




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.739 min Scan# 795  
Delta R.T. -0.012 min  
Lab File: BF135546.D  
Acq: 03 Oct 2023 17:27

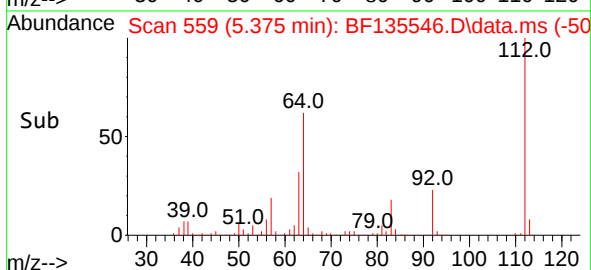
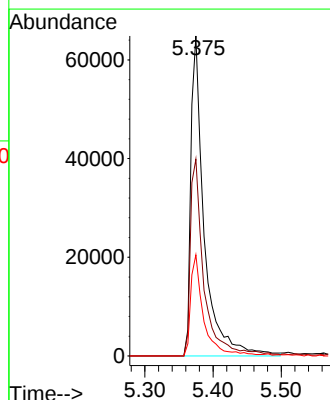
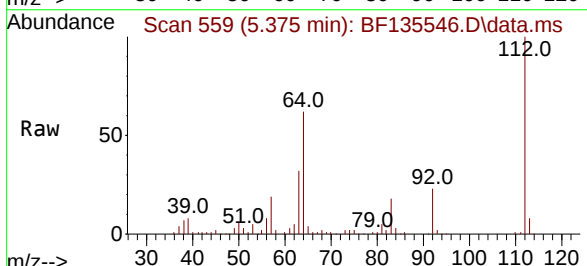
Instrument :  
BNA\_F  
ClientSampleId :  
VNJ-201

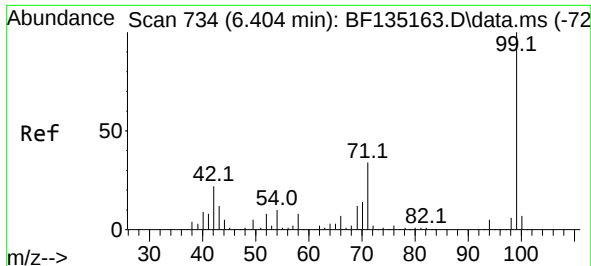
Tgt Ion:152 Resp: 165646  
Ion Ratio Lower Upper  
152 100  
150 153.6 127.8 191.6  
115 56.0 49.8 74.8



#5  
2-Fluorophenol  
Concen: 8.627 ng  
RT: 5.375 min Scan# 559  
Delta R.T. -0.006 min  
Lab File: BF135546.D  
Acq: 03 Oct 2023 17:27

Tgt Ion:112 Resp: 87867  
Ion Ratio Lower Upper  
112 100  
64 61.5 55.9 83.9  
63 31.6 29.0 43.6

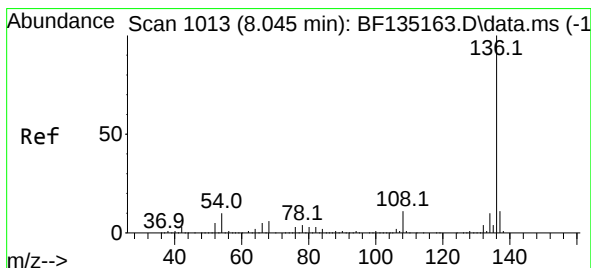
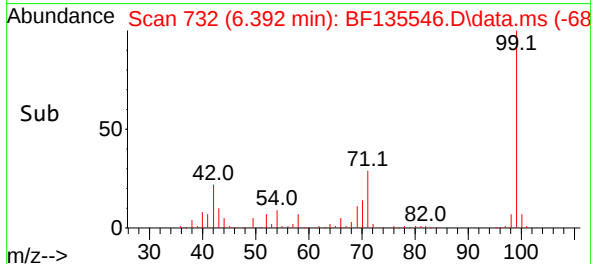
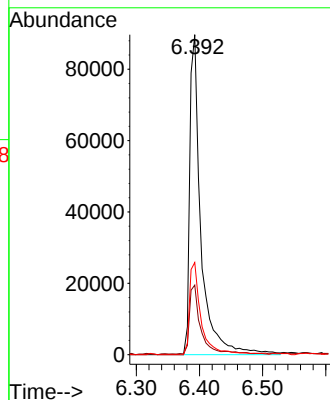
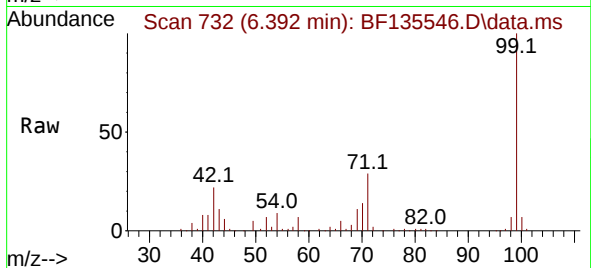




#7  
Phenol-d6  
Concen: 8.601 ng  
RT: 6.392 min Scan# 71  
Delta R.T. -0.012 min  
Lab File: BF135546.D  
Acq: 03 Oct 2023 17:27

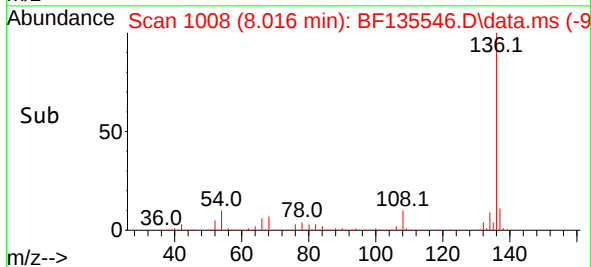
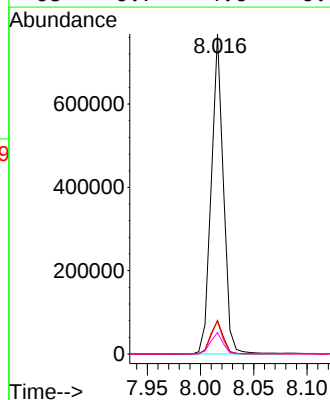
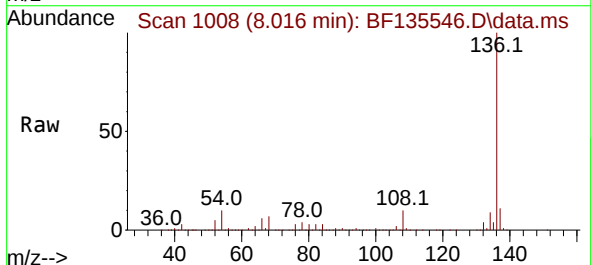
Instrument :  
BNA\_F  
ClientSampleId :  
VNJ-201

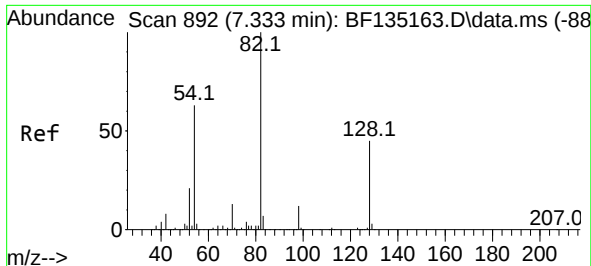
Tgt Ion: 99 Resp: 111388  
Ion Ratio Lower Upper  
99 100  
42 21.7 17.9 26.9  
71 28.8 27.0 40.6



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.016 min Scan# 1008  
Delta R.T. -0.012 min  
Lab File: BF135546.D  
Acq: 03 Oct 2023 17:27

Tgt Ion:136 Resp: 610803  
Ion Ratio Lower Upper  
136 100  
137 10.5 8.8 13.2  
54 10.3 7.7 11.5  
68 6.7 4.6 6.8





#23

Nitrobenzene-d5

Concen: 5.673 ng

RT: 7.304 min Scan# 81

Delta R.T. -0.018 min

Lab File: BF135546.D

Acq: 03 Oct 2023 17:27

Instrument :

BNA\_F

ClientSampleId :

VNJ-201

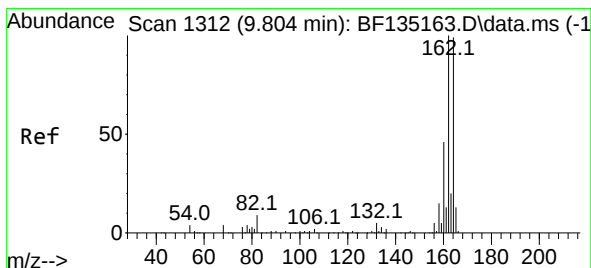
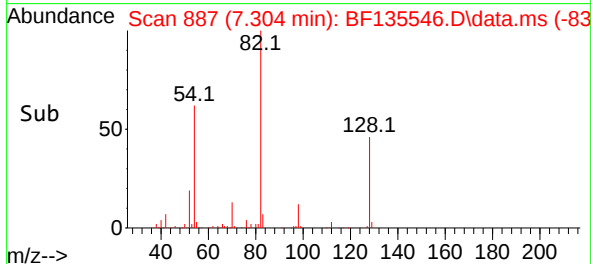
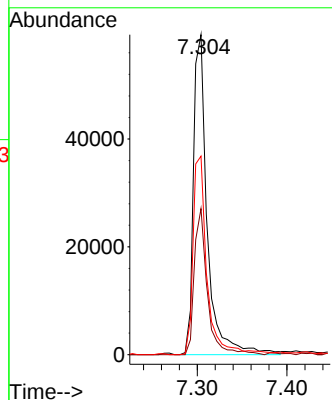
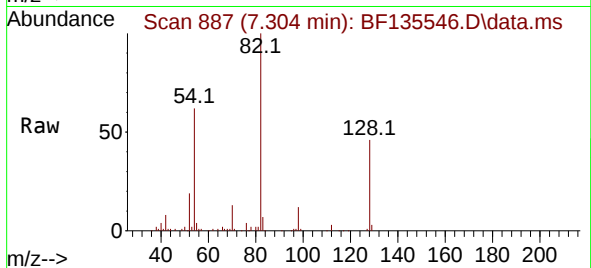
Tgt Ion: 82 Resp: 63779

Ion Ratio Lower Upper

82 100

128 45.6 35.8 53.6

54 62.1 50.6 76.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.769 min Scan# 1306

Delta R.T. -0.018 min

Lab File: BF135546.D

Acq: 03 Oct 2023 17:27

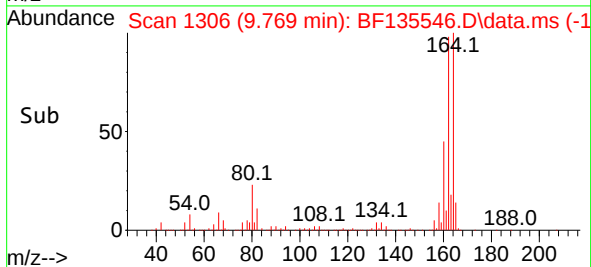
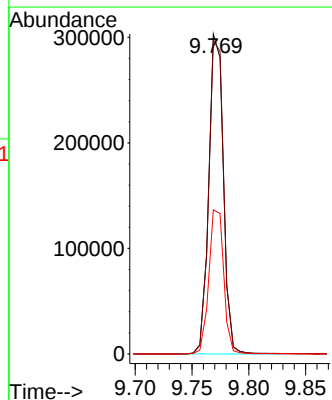
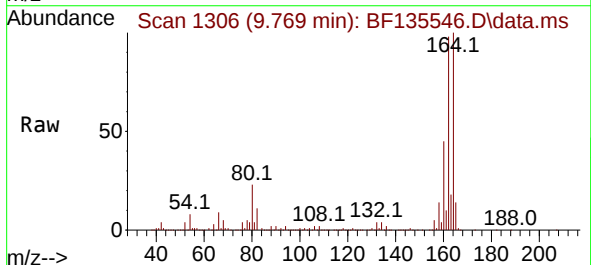
Tgt Ion: 164 Resp: 269899

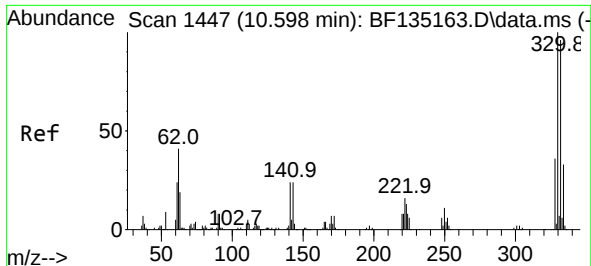
Ion Ratio Lower Upper

164 100

162 98.1 81.0 121.4

160 45.0 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 4.760 ng

RT: 10.569 min Scan# 1442

Delta R.T. -0.012 min

Lab File: BF135546.D

Acq: 03 Oct 2023 17:27

Instrument :

BNA\_F

ClientSampleId :

VNJ-201

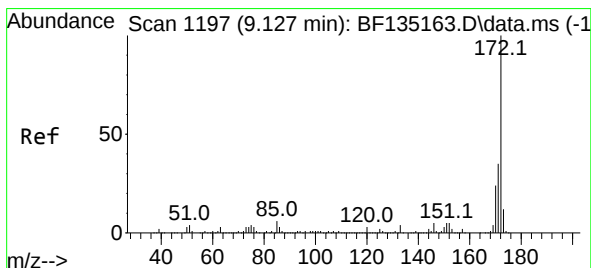
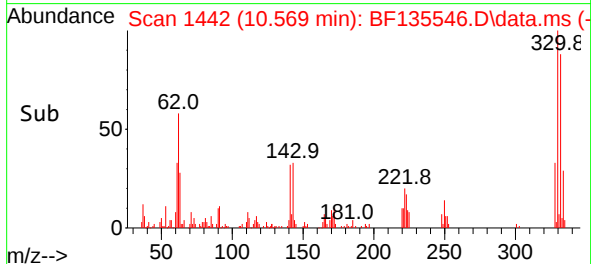
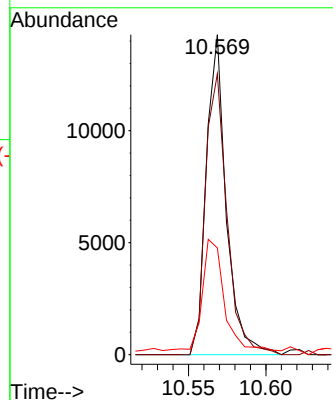
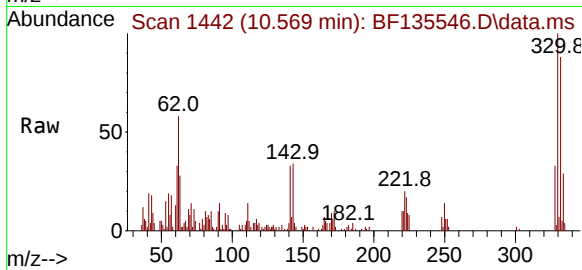
Tgt Ion:330 Resp: 12768

Ion Ratio Lower Upper

330 100

332 94.8 77.3 115.9

141 39.4 25.8 38.8#



#45

2-Fluorobiphenyl

Concen: 6.528 ng

RT: 9.092 min Scan# 1191

Delta R.T. -0.018 min

Lab File: BF135546.D

Acq: 03 Oct 2023 17:27

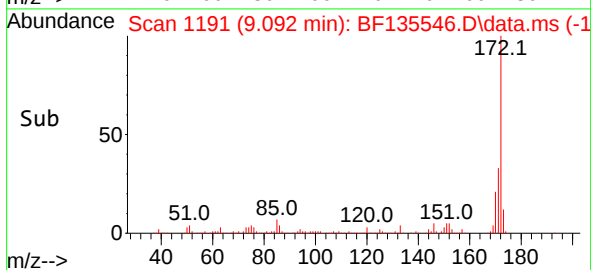
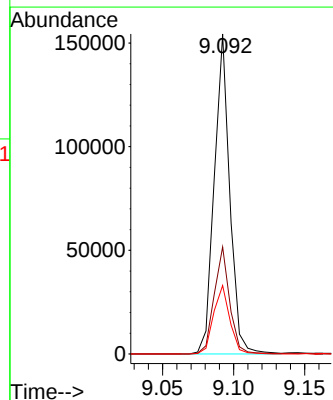
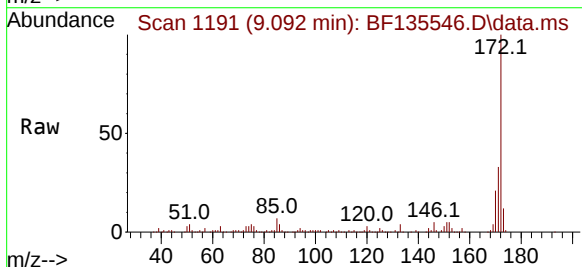
Tgt Ion:172 Resp: 116783

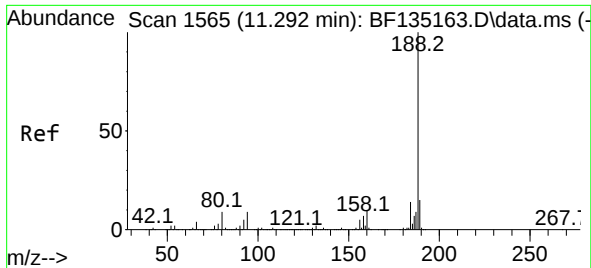
Ion Ratio Lower Upper

172 100

171 33.5 28.4 42.6

170 21.4 19.0 28.4

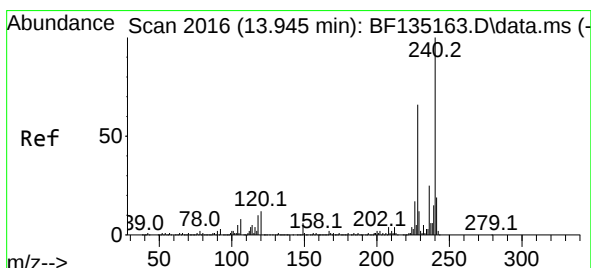
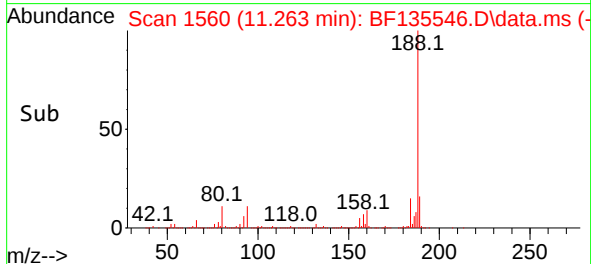
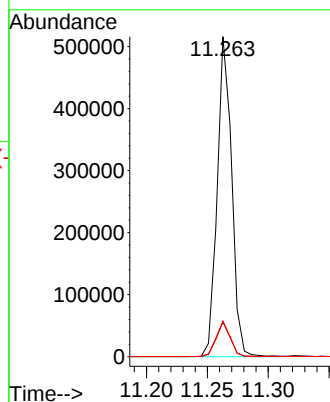
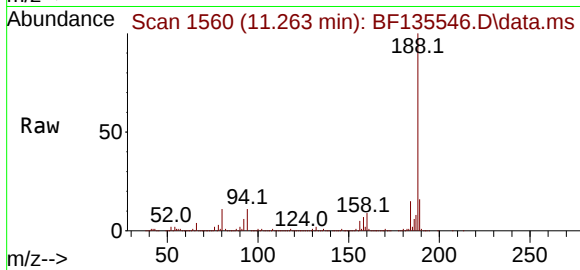




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.263 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: BF135546.D  
Acq: 03 Oct 2023 17:27

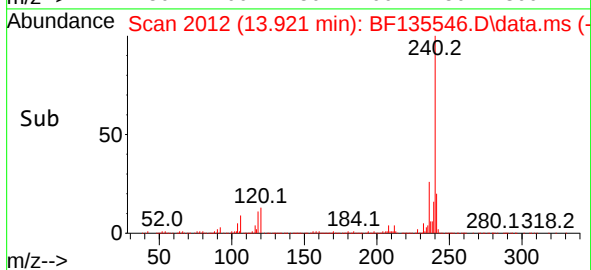
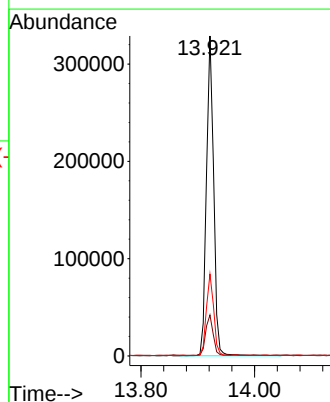
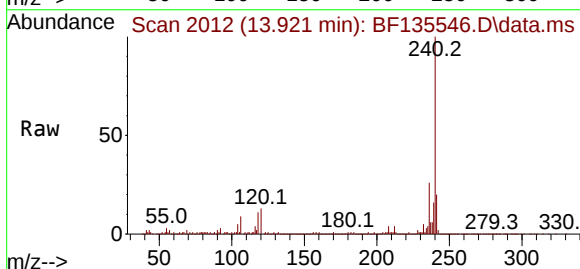
Instrument :  
BNA\_F  
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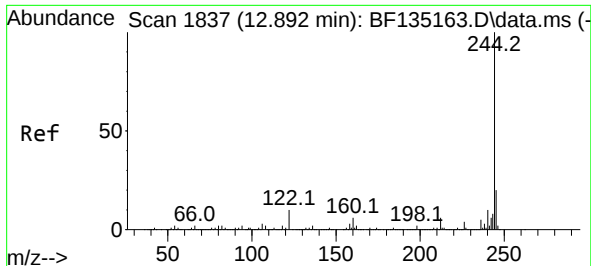
Tgt Ion:188 Resp: 427783  
Ion Ratio Lower Upper  
188 100  
94 10.8 7.0 10.6#  
80 11.2 7.5 11.3



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.921 min Scan# 2012  
Delta R.T. -0.012 min  
Lab File: BF135546.D  
Acq: 03 Oct 2023 17:27

Tgt Ion:240 Resp: 288647  
Ion Ratio Lower Upper  
240 100  
120 12.8 9.4 14.2  
236 25.6 19.8 29.8

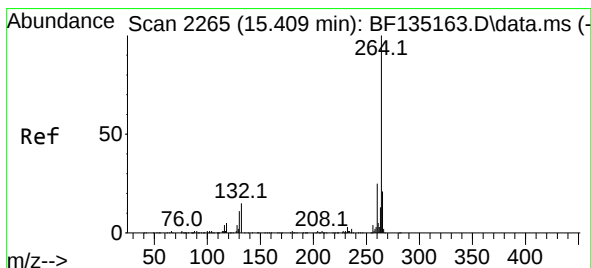
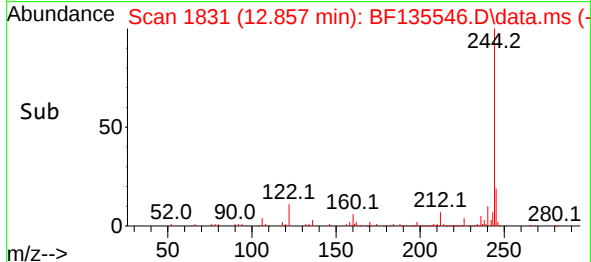
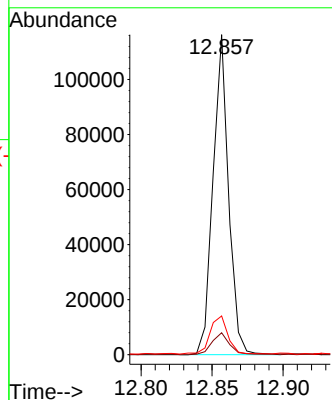
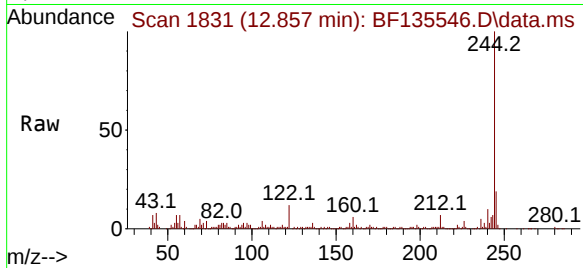




#79  
 Terphenyl-d14  
 Concen: 4.769 ng  
 RT: 12.857 min Scan# 1831  
 Delta R.T. -0.018 min  
 Lab File: BF135546.D  
 Acq: 03 Oct 2023 17:27

Instrument :  
 BNA\_F  
 ClientSampleId :  
 VNJ-201

Tgt Ion:244 Resp: 88790  
 Ion Ratio Lower Upper  
 244 100  
 212 6.8 5.1 7.7  
 122 12.1 7.9 11.9#



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.386 min Scan# 2261  
 Delta R.T. -0.006 min  
 Lab File: BF135546.D  
 Acq: 03 Oct 2023 17:27

Tgt Ion:264 Resp: 240747  
 Ion Ratio Lower Upper  
 264 100  
 260 24.4 19.8 29.6  
 265 22.5 17.0 25.4

