

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN110922\  
 Data File : BN022577.D  
 Acq On : 09 Nov 2022 13:32  
 Operator : CG/JU  
 Sample : N5469-02  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SP-201-20221103

Quant Time: Nov 09 23:57:58 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN110322.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Nov 09 23:46:48 2022  
 Response via : Initial Calibration

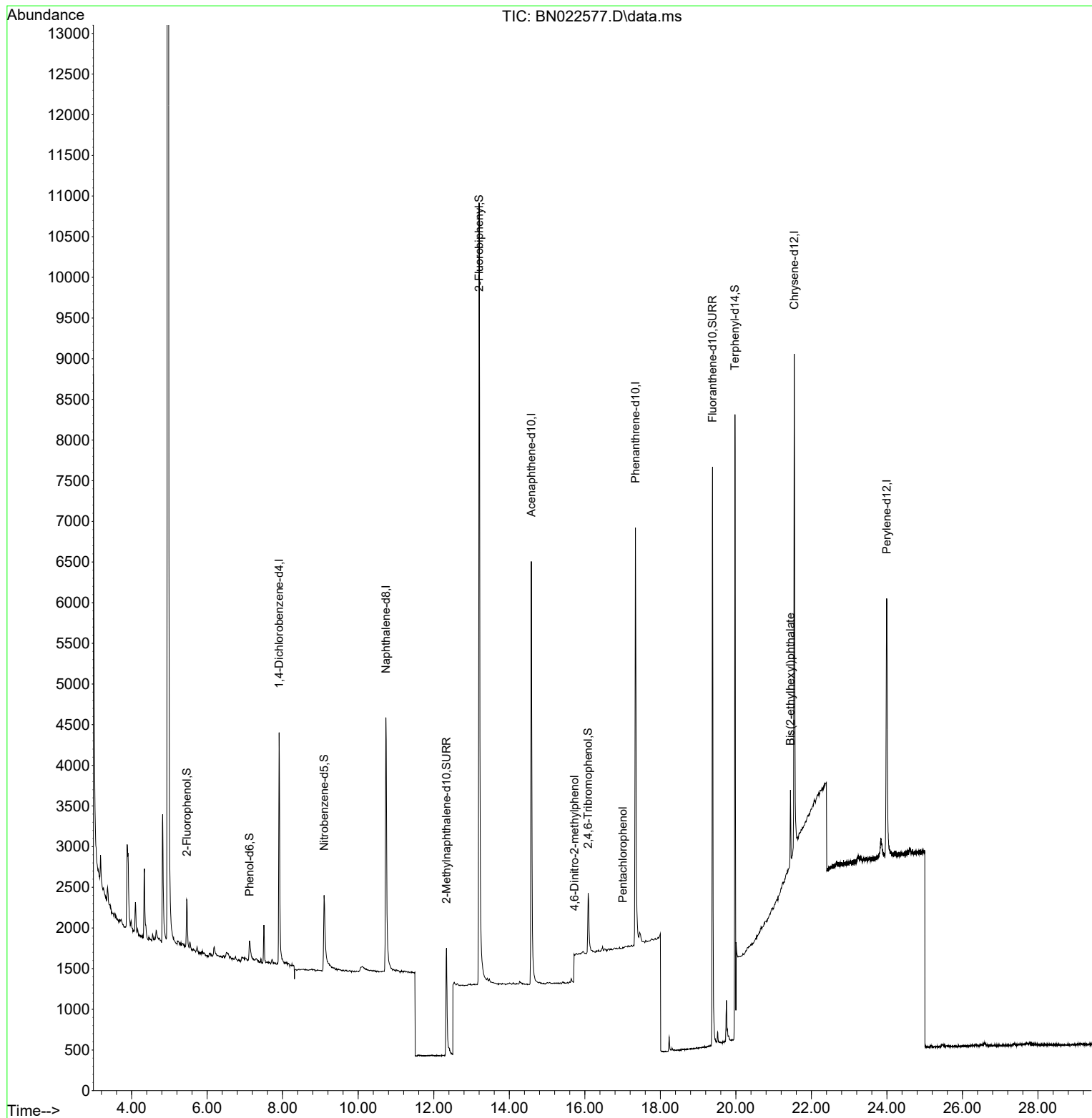
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.906  | 152  | 1654     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.731 | 136  | 5523     | 0.400 | ng    | # 0.00   |
| 13) Acenaphthene-d10          | 14.582 | 164  | 3638     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.341 | 188  | 7784     | 0.400 | ng    | # 0.00   |
| 29) Chrysene-d12              | 21.546 | 240  | 6180     | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12              | 23.993 | 264  | 4881     | 0.400 | ng    | # 0.00   |
|                               |        |      |          |       |       |          |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.465  | 112  | 639      | 0.137 | ng    | 0.00     |
| 5) Phenol-d6                  | 7.126  | 99   | 473      | 0.080 | ng    | 0.02     |
| 8) Nitrobenzene-d5            | 9.097  | 82   | 1441     | 0.289 | ng    | 0.01     |
| 11) 2-Methylnaphthalene-d10   | 12.338 | 152  | 2510     | 0.271 | ng    | 0.01     |
| 14) 2,4,6-Tribromophenol      | 16.088 | 330  | 565      | 0.296 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 13.203 | 172  | 10260    | 0.677 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.381 | 212  | 8098     | 0.381 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.976 | 244  | 11482    | 0.596 | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| Target Compounds              |        |      |          |       |       | Qvalue   |
| 20) 4,6-Dinitro-2-methylph... | 15.728 | 198  | 3        | 0.233 | ng    | # 1      |
| 24) Pentachlorophenol         | 17.006 | 266  | 9        | 0.173 | ng    | # 24     |
| 34) Bis(2-ethylhexyl)phtha... | 21.447 | 149  | 992      | 0.047 | ng    | # 99     |
| -----                         |        |      |          |       |       |          |

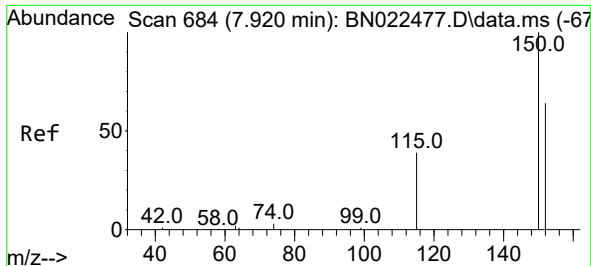
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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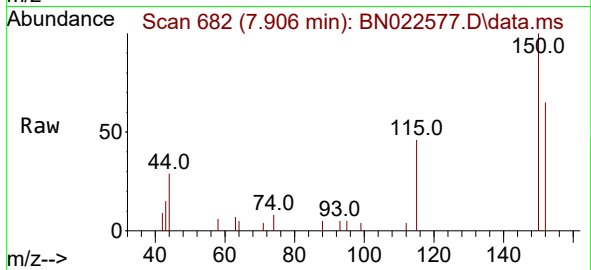
Quant Time: Nov 09 23:57:58 2022  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN110322.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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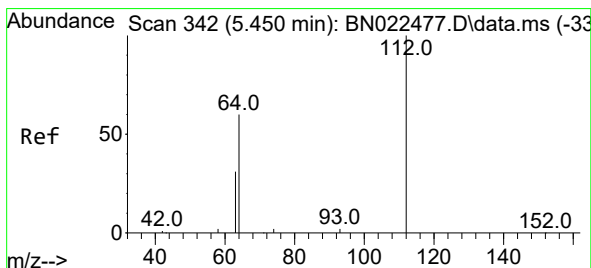
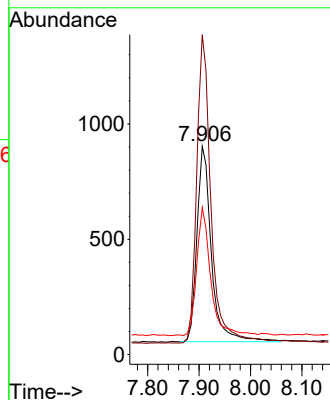
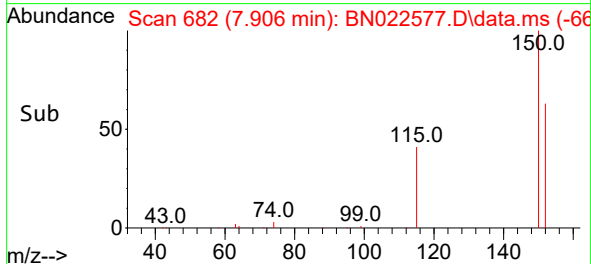


#1  
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.906 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: BN022577.D  
Acq: 09 Nov 2022 13:32

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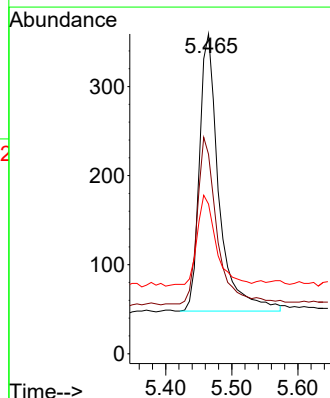
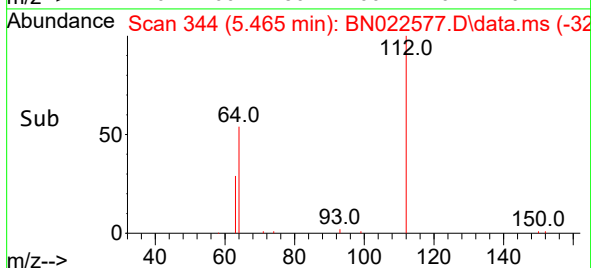
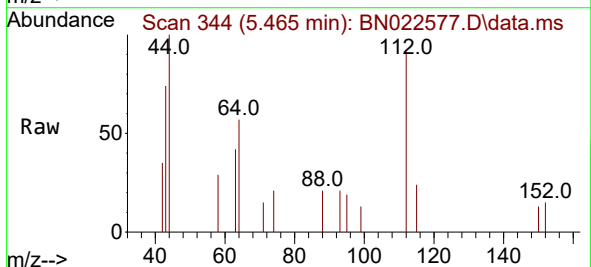


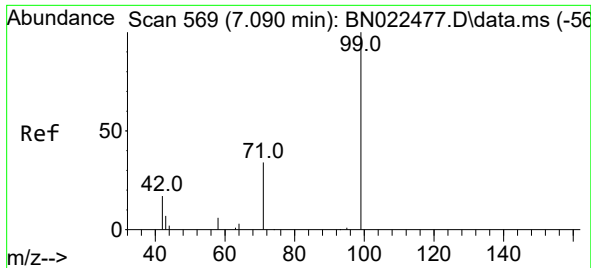
Tgt Ion:152 Resp: 1654  
Ion Ratio Lower Upper  
152 100  
150 153.6 123.4 185.2  
115 70.5 54.9 82.3



#4  
2-Fluorophenol  
Concen: 0.137 ng  
RT: 5.465 min Scan# 344  
Delta R.T. 0.007 min  
Lab File: BN022577.D  
Acq: 09 Nov 2022 13:32

Tgt Ion:112 Resp: 639  
Ion Ratio Lower Upper  
112 100  
64 62.4 47.1 70.7  
63 31.1 24.6 36.8

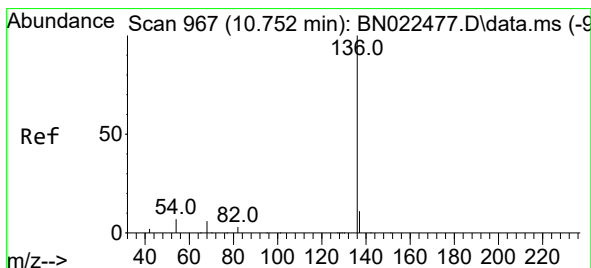
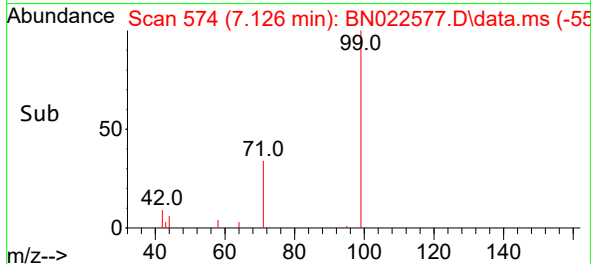
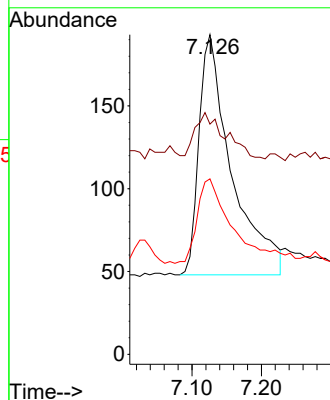
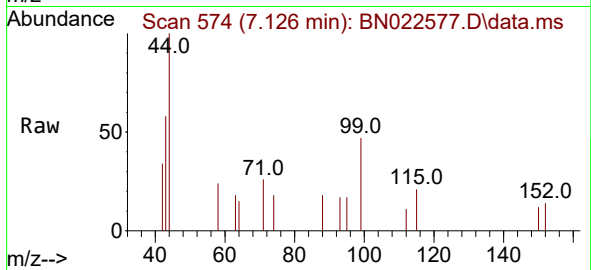




#5  
Phenol-d6  
Concen: 0.080 ng  
RT: 7.126 min Scan# 51  
Delta R.T. 0.021 min  
Lab File: BN022577.D  
Acq: 09 Nov 2022 13:32

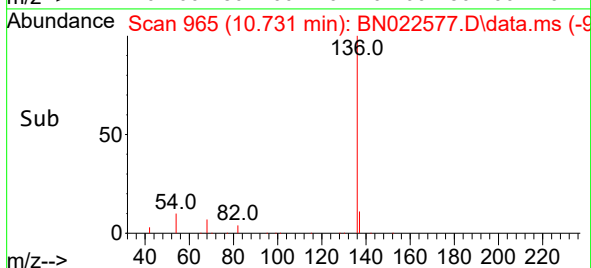
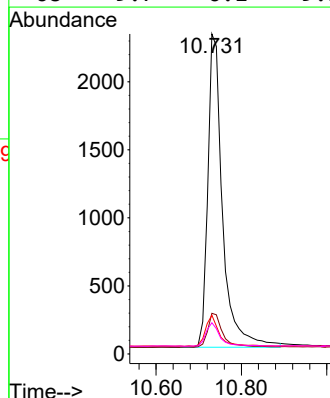
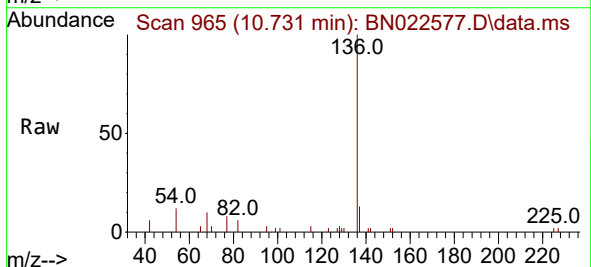
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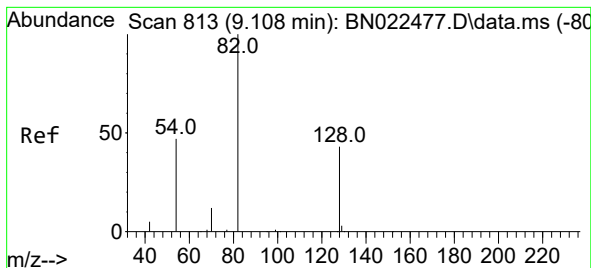
Tgt Ion: 99 Resp: 473  
Ion Ratio Lower Upper  
99 100  
42 17.8 14.7 22.1  
71 37.0 27.0 40.6



#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.731 min Scan# 965  
Delta R.T. -0.000 min  
Lab File: BN022577.D  
Acq: 09 Nov 2022 13:32

Tgt Ion: 136 Resp: 5523  
Ion Ratio Lower Upper  
136 100  
137 12.7 9.5 14.3  
54 12.1 7.1 10.7#  
68 9.7 6.1 9.1#





#8

Nitrobenzene-d5

Concen: 0.289 ng

RT: 9.097 min Scan# 81

Delta R.T. 0.010 min

Lab File: BN022577.D

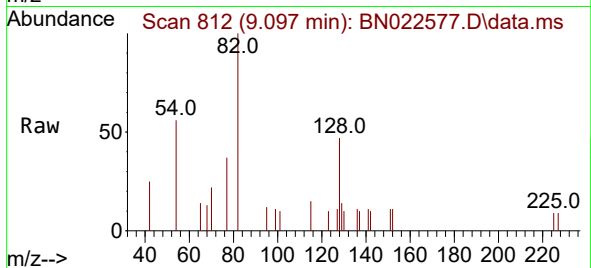
Acq: 09 Nov 2022 13:32

Instrument :

BNA\_N

ClientSampleId :

SP-201-20221103



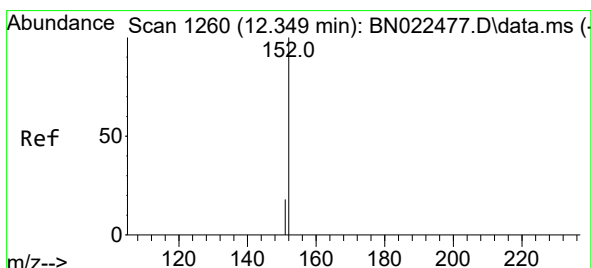
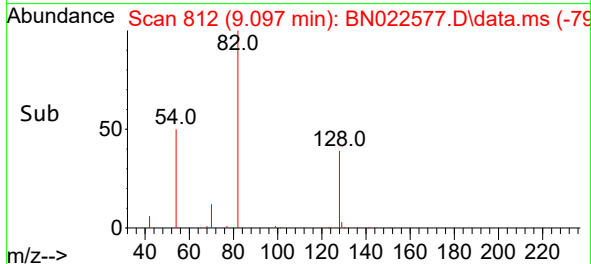
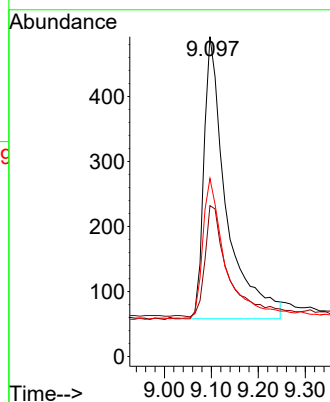
Tgt Ion: 82 Resp: 1441

Ion Ratio Lower Upper

82 100

128 47.2 37.3 55.9

54 55.7 40.0 60.0



#11

2-Methylnaphthalene-d10

Concen: 0.271 ng

RT: 12.338 min Scan# 1257

Delta R.T. 0.011 min

Lab File: BN022577.D

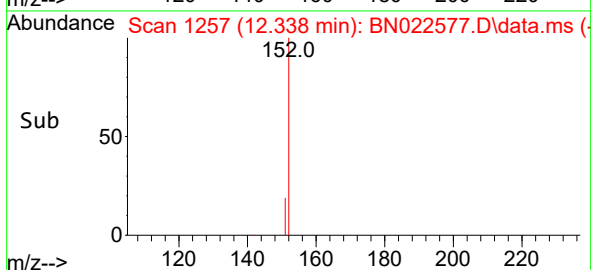
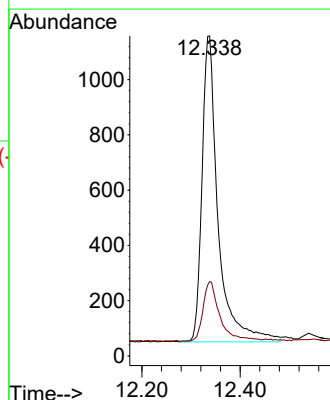
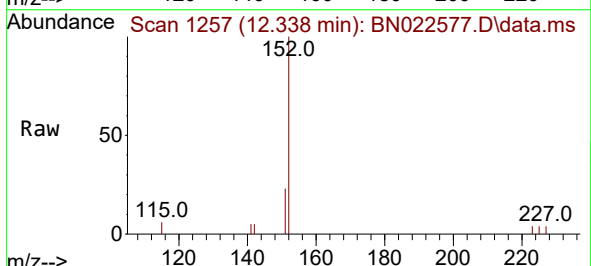
Acq: 09 Nov 2022 13:32

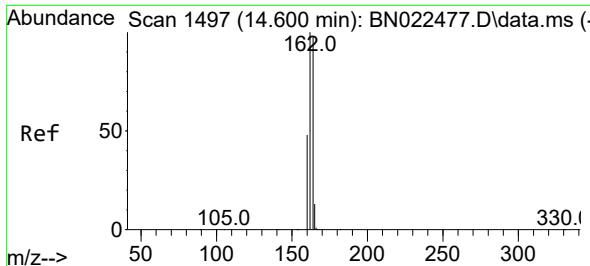
Tgt Ion: 152 Resp: 2510

Ion Ratio Lower Upper

152 100

151 20.2 16.6 25.0

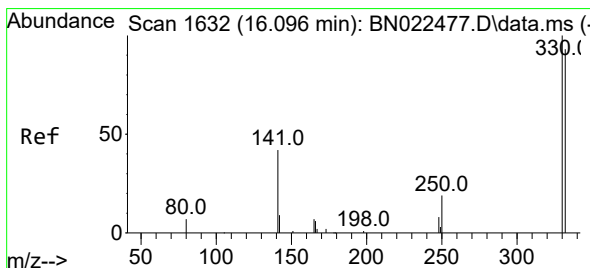
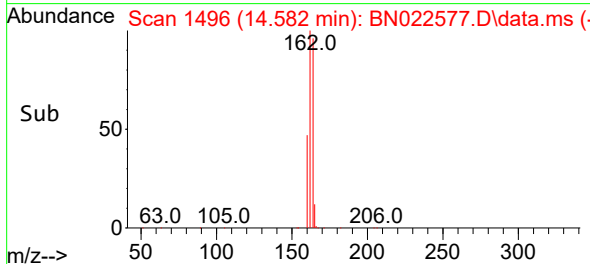
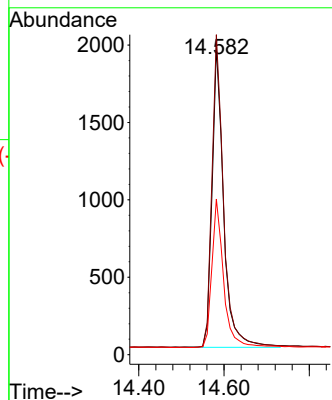
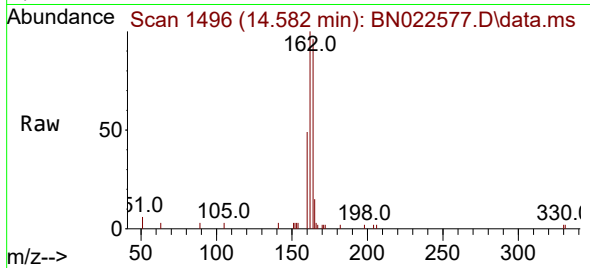




#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.582 min Scan# 1496  
Delta R.T. 0.004 min  
Lab File: BN022577.D  
Acq: 09 Nov 2022 13:32

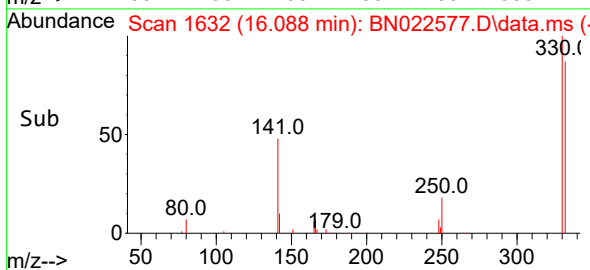
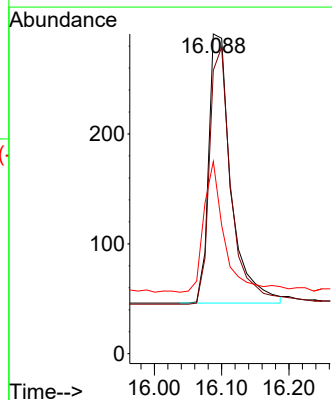
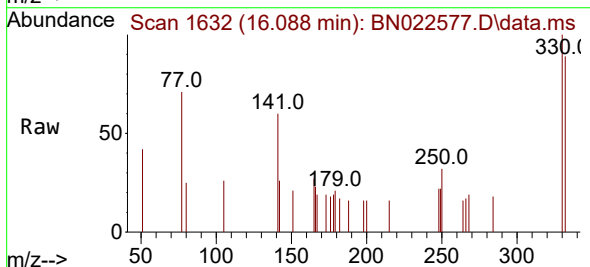
Instrument :  
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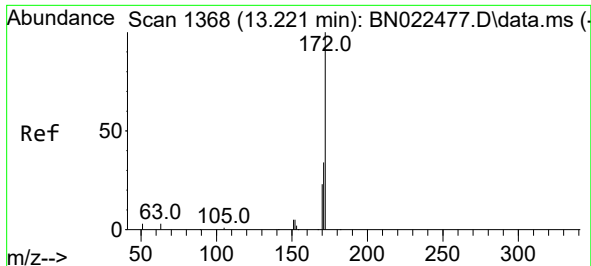
Tgt Ion:164 Resp: 3638  
Ion Ratio Lower Upper  
164 100  
162 104.1 82.0 123.0  
160 50.7 39.4 59.2



#14  
2,4,6-Tribromophenol  
Concen: 0.296 ng  
RT: 16.088 min Scan# 1632  
Delta R.T. 0.004 min  
Lab File: BN022577.D  
Acq: 09 Nov 2022 13:32

Tgt Ion:330 Resp: 565  
Ion Ratio Lower Upper  
330 100  
332 93.6 77.8 116.8  
141 45.0 35.0 52.6

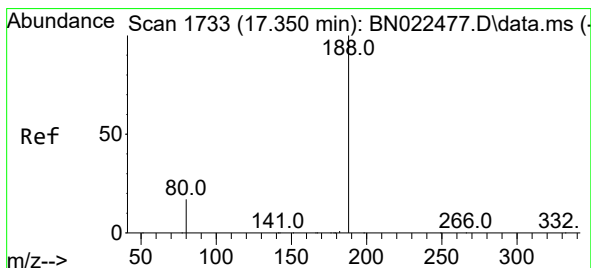
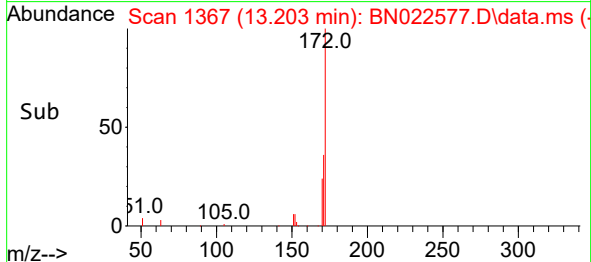
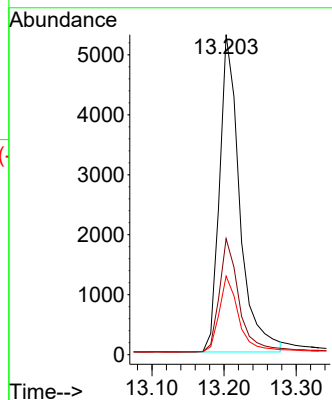
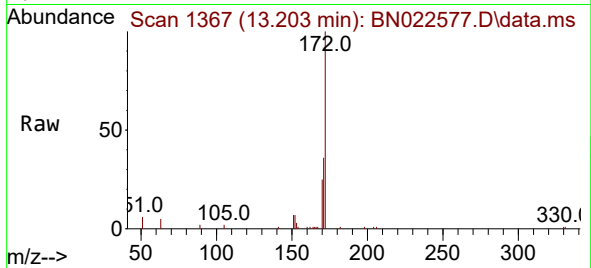




#15  
2-Fluorobiphenyl  
Concen: 0.677 ng  
RT: 13.203 min Scan# 1367  
Delta R.T. 0.004 min  
Lab File: BN022577.D  
Acq: 09 Nov 2022 13:32

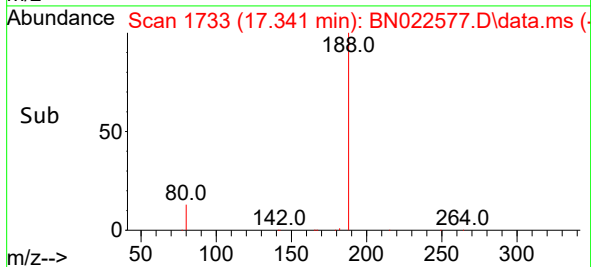
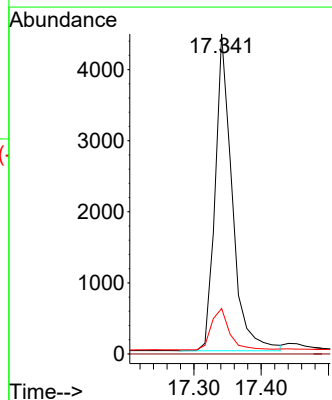
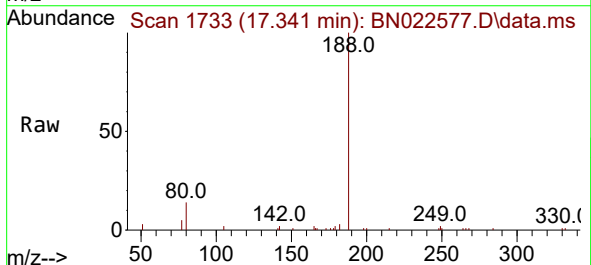
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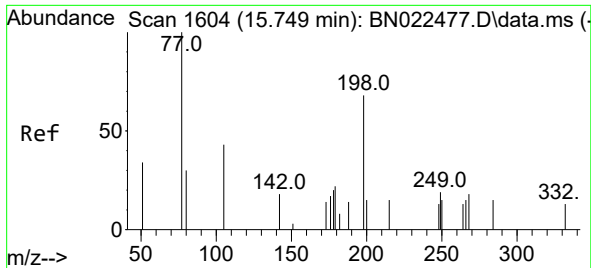
Tgt Ion:172 Resp: 10260  
Ion Ratio Lower Upper  
172 100  
171 36.2 27.9 41.9  
170 24.5 19.2 28.8



#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.341 min Scan# 1733  
Delta R.T. 0.004 min  
Lab File: BN022577.D  
Acq: 09 Nov 2022 13:32

Tgt Ion:188 Resp: 7784  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 14.2 14.6 21.8#

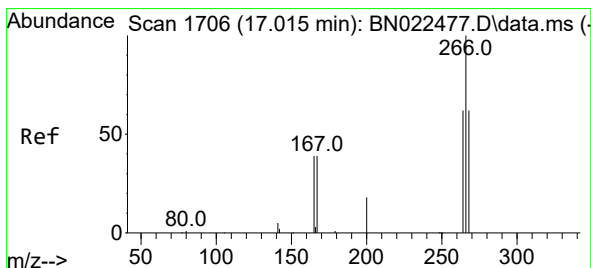
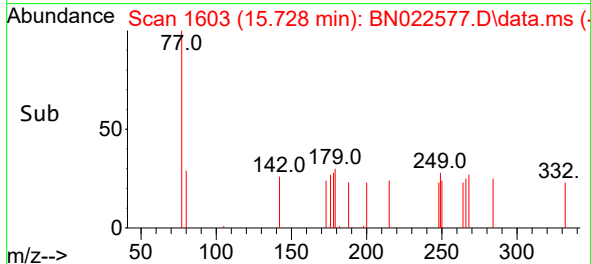
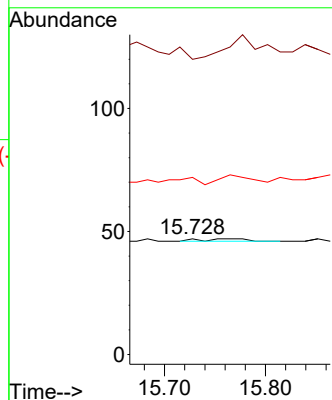
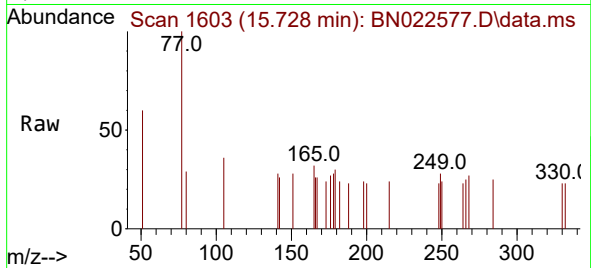




#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.233 ng  
RT: 15.728 min Scan# 1  
Delta R.T. -0.009 min  
Lab File: BN022577.D  
Acq: 09 Nov 2022 13:32

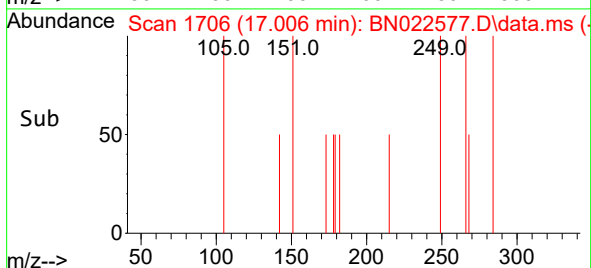
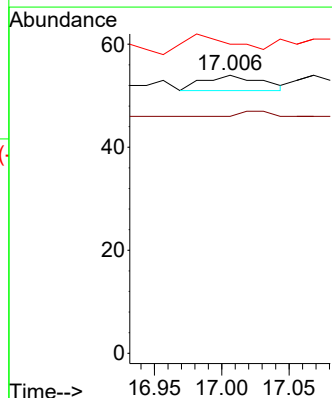
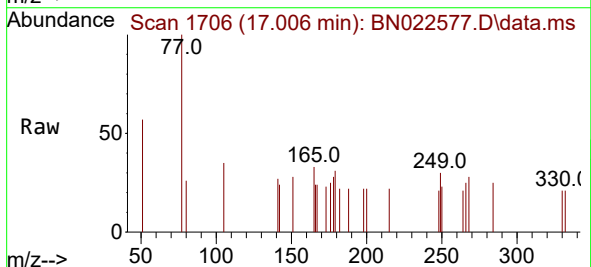
Instrument :  
BNA\_N  
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Tgt Ion:198 Resp: 3  
Ion Ratio Lower Upper  
198 100  
51 255.3 83.8 125.8#  
105 153.2 71.4 107.2#

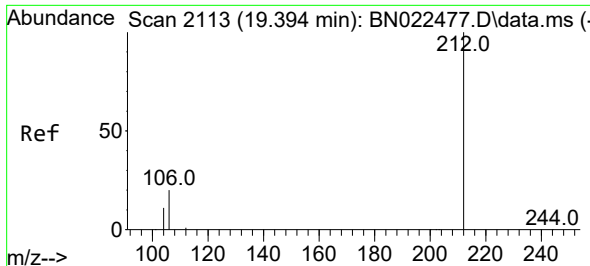


#24  
Pentachlorophenol  
Concen: 0.173 ng  
RT: 17.006 min Scan# 1706  
Delta R.T. 0.004 min  
Lab File: BN022577.D  
Acq: 09 Nov 2022 13:32

Tgt Ion:266 Resp: 9  
Ion Ratio Lower Upper  
266 100  
264 11.1 50.6 75.8#  
268 0.0 54.1 81.1#



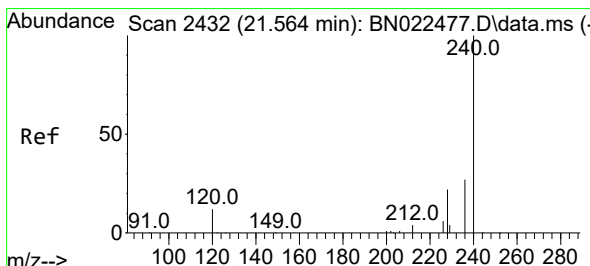
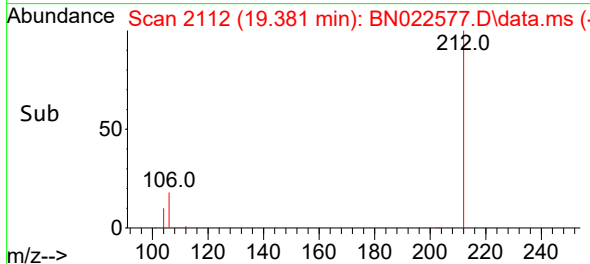
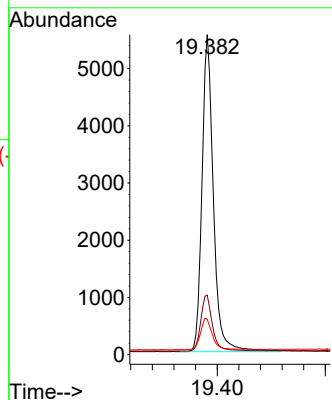
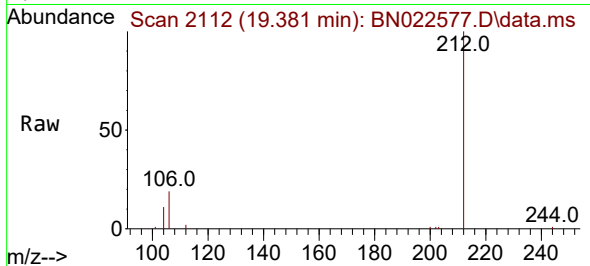




#27  
Fluoranthene-d10  
Concen: 0.381 ng  
RT: 19.381 min Scan# 2112  
Delta R.T. -0.000 min  
Lab File: BN022577.D  
Acq: 09 Nov 2022 13:32

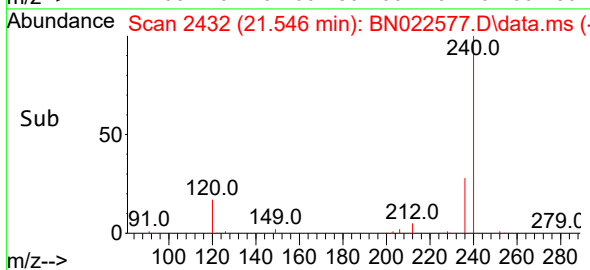
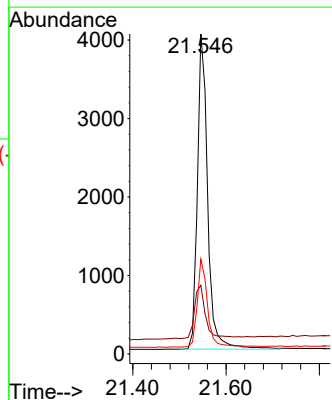
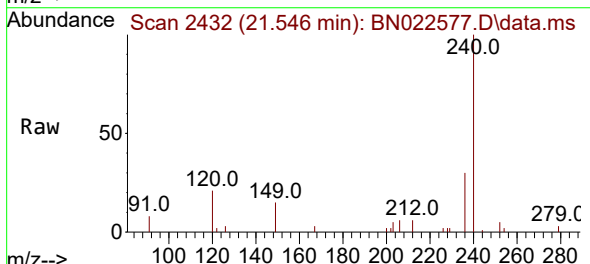
Instrument :  
BNA\_N  
ClientSampleId :  
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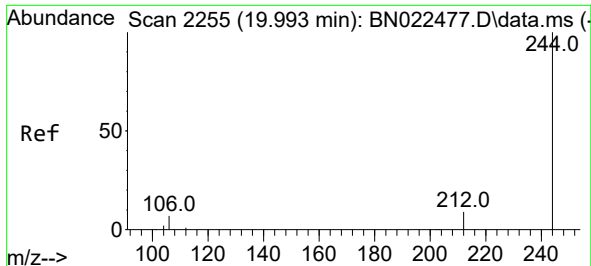
Tgt Ion:212 Resp: 8098  
Ion Ratio Lower Upper  
212 100  
106 18.0 15.2 22.8  
104 10.2 8.6 12.8



#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.546 min Scan# 2432  
Delta R.T. -0.000 min  
Lab File: BN022577.D  
Acq: 09 Nov 2022 13:32

Tgt Ion:240 Resp: 6180  
Ion Ratio Lower Upper  
240 100  
120 21.5 12.4 18.6#  
236 29.7 22.7 34.1

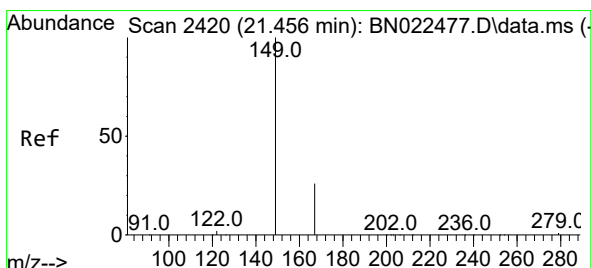
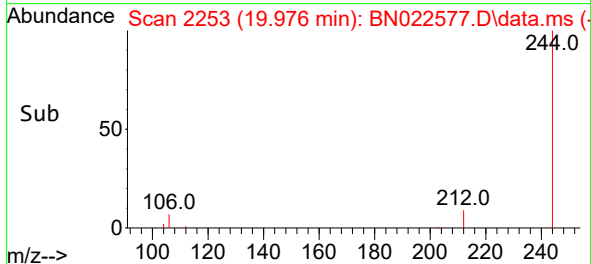
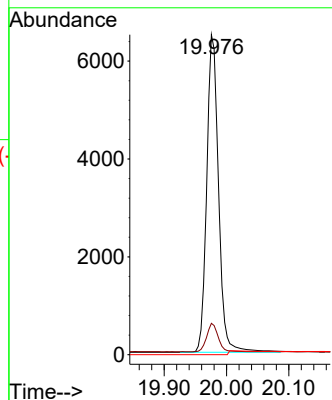
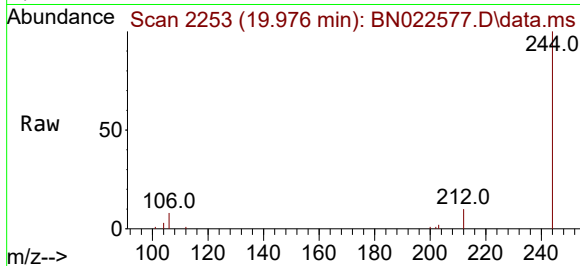




#31  
 Terphenyl-d14  
 Concen: 0.596 ng  
 RT: 19.976 min Scan# 21  
 Delta R.T. -0.000 min  
 Lab File: BN022577.D  
 Acq: 09 Nov 2022 13:32

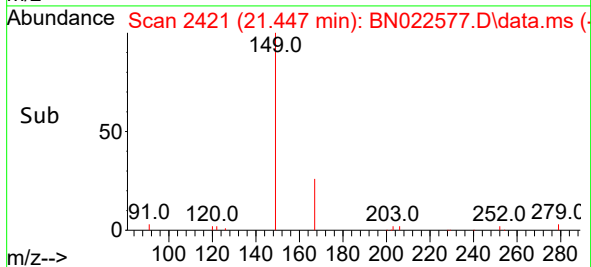
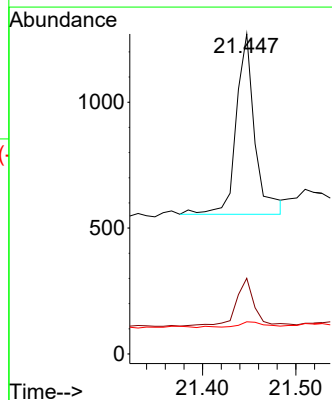
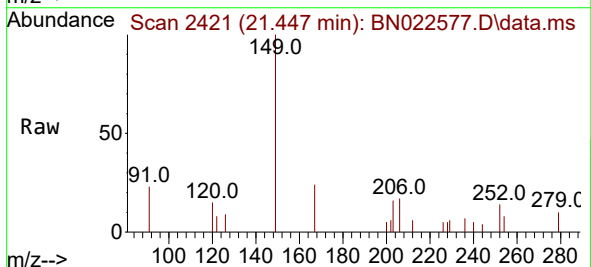
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SP-201-20221103

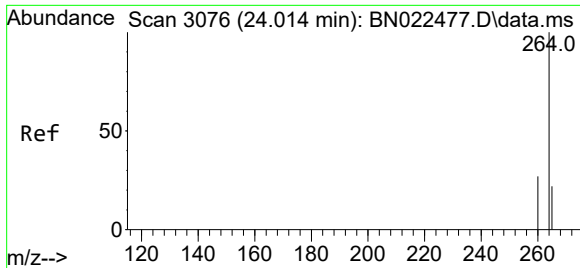
Tgt Ion:244 Resp: 11482  
 Ion Ratio Lower Upper  
 244 100  
 212 9.8 7.8 11.8  
 122 0.0 0.0 0.0



#34  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.047 ng  
 RT: 21.447 min Scan# 2421  
 Delta R.T. -0.000 min  
 Lab File: BN022577.D  
 Acq: 09 Nov 2022 13:32

Tgt Ion:149 Resp: 992  
 Ion Ratio Lower Upper  
 149 100  
 167 26.5 21.3 31.9  
 279 5.0 2.7 4.1#





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.993 min Scan# 30

Delta R.T. 0.002 min

Lab File: BN022577.D

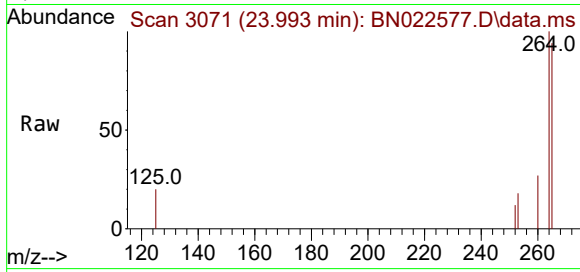
Acq: 09 Nov 2022 13:32

Instrument :

BNA\_N

ClientSampleId :

SP-201-20221103



Tgt Ion:264 Resp: 4881

Ion Ratio Lower Upper

264 100

260 27.5 22.4 33.6

265 94.4 44.4 66.6#

