

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN083022\  
 Data File : BN021472.D  
 Acq On : 31 Aug 2022 02:18  
 Operator : CG/JU  
 Sample : N4298-06  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 EB01-20220822

Quant Time: Aug 31 02:47:18 2022  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN082922.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Aug 29 16:30:43 2022  
 Response via : Initial Calibration

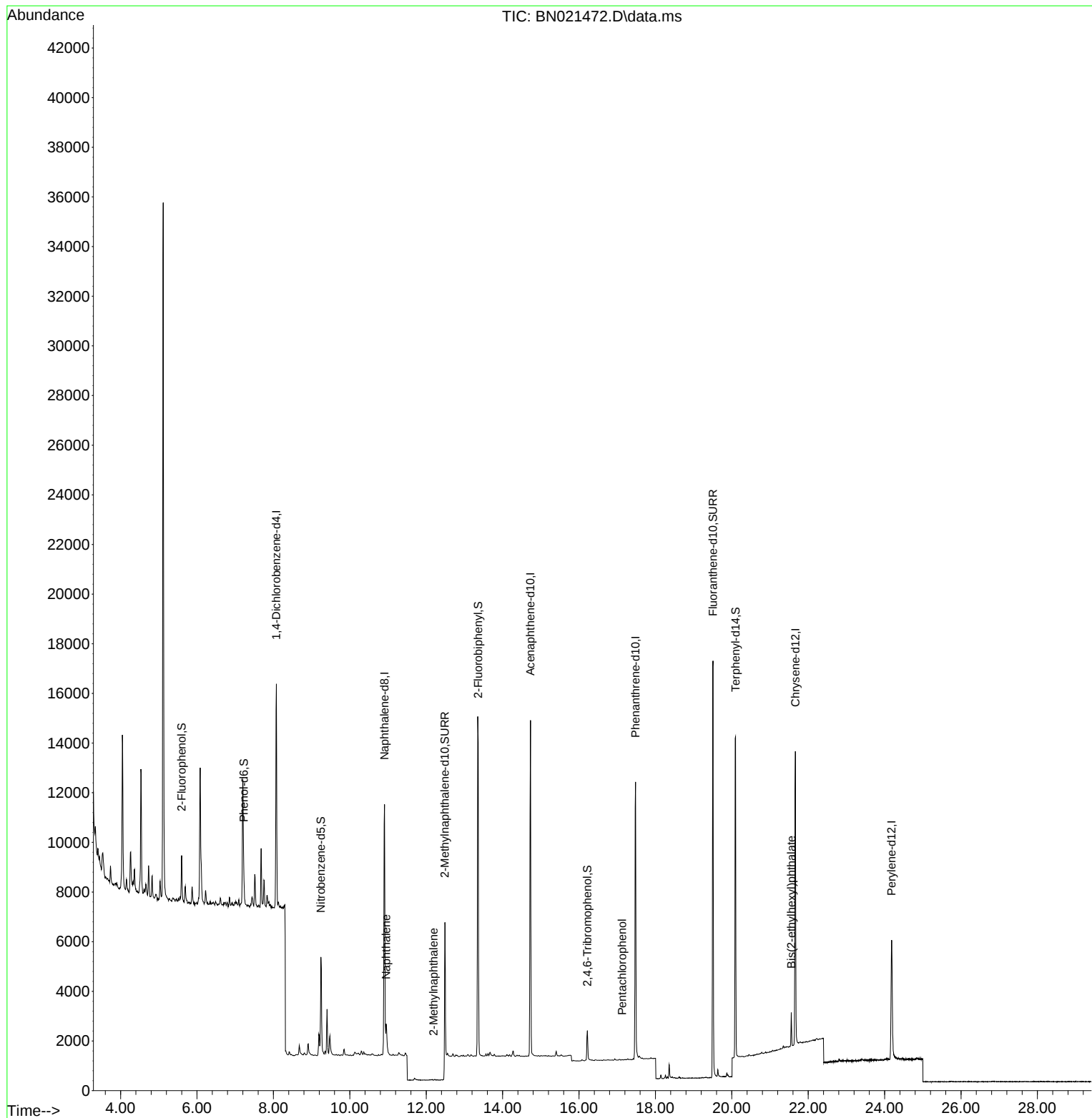
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.076  | 152  | 4525     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.909 | 136  | 14271    | 0.400 | ng    | # 0.00   |
| 13) Acenaphthene-d10          | 14.729 | 164  | 7664     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.480 | 188  | 16188    | 0.400 | ng    | 0.00     |
| 29) Chrysene-d12              | 21.664 | 240  | 11534    | 0.400 | ng    | 0.00     |
| 35) Perylene-d12              | 24.182 | 264  | 7967     | 0.400 | ng    | -0.01    |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.599  | 112  | 1577     | 0.178 | ng    | 0.00     |
| 5) Phenol-d6                  | 7.224  | 99   | 1137     | 0.101 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 9.243  | 82   | 3469     | 0.360 | ng    | -0.01    |
| 11) 2-Methylnaphthalene-d10   | 12.490 | 152  | 13398    | 0.417 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 16.219 | 330  | 756      | 0.300 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 13.360 | 172  | 12909    | 0.385 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.506 | 212  | 18463    | 0.444 | ng    | 0.00     |
| 31) Terphenyl-d14             | 20.097 | 244  | 12506    | 0.482 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
| 9) Naphthalene                | 10.952 | 128  | 1115     | 0.026 | ng    | # 85     |
| 12) 2-Methylnaphthalene       | 12.191 | 142  | 3        | 0.127 | ng    | # 1      |
| 24) Pentachlorophenol         | 17.131 | 266  | 10       | 0.205 | ng    | # 32     |
| 34) Bis(2-ethylhexyl)phtha... | 21.557 | 149  | 1241     | 0.077 | ng    | 99       |
| -----                         |        |      |          |       |       |          |

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

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Misc :  
ALS Vial : 21 Sample Multiplier: 1

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EB01-20220822

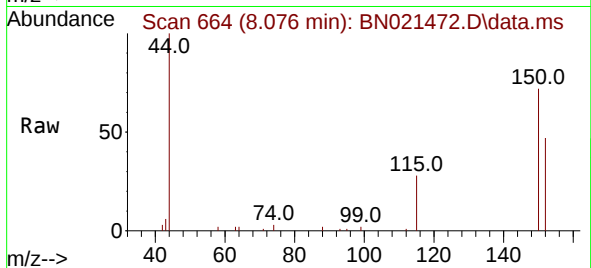
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN082922.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Aug 29 16:30:43 2022  
Response via : Initial Calibration



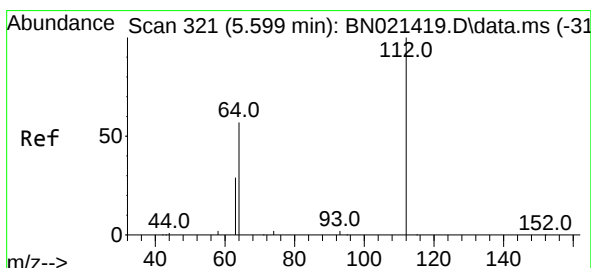
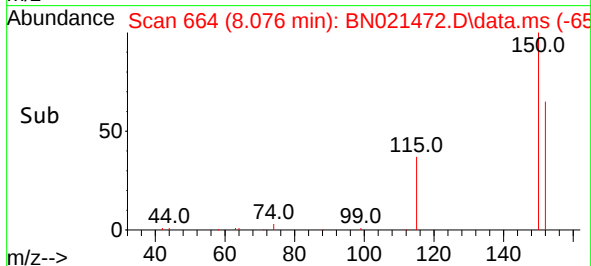
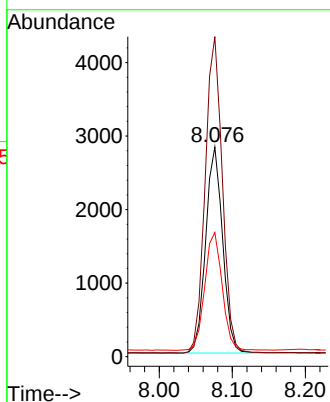


#1  
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 8.076 min Scan# 665  
Delta R.T. -0.007 min  
Lab File: BN021472.D  
Acq: 31 Aug 2022 02:18

Instrument :  
BNA\_N  
ClientSampleId :  
EB01-20220822

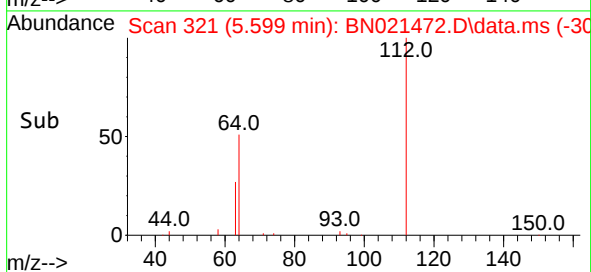
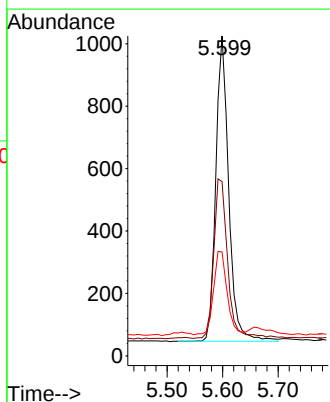
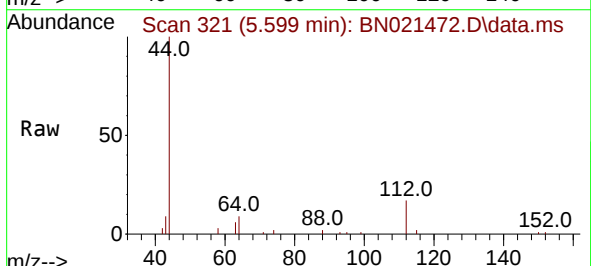


Tgt Ion:152 Resp: 4525  
Ion Ratio Lower Upper  
152 100  
150 152.5 121.4 182.0  
115 59.2 48.6 72.8



#4  
2-Fluorophenol  
Concen: 0.178 ng  
RT: 5.599 min Scan# 321  
Delta R.T. 0.000 min  
Lab File: BN021472.D  
Acq: 31 Aug 2022 02:18

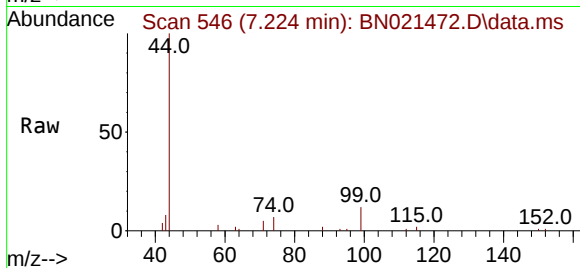
Tgt Ion:112 Resp: 1577  
Ion Ratio Lower Upper  
112 100  
64 56.6 43.5 65.3  
63 28.5 22.6 34.0



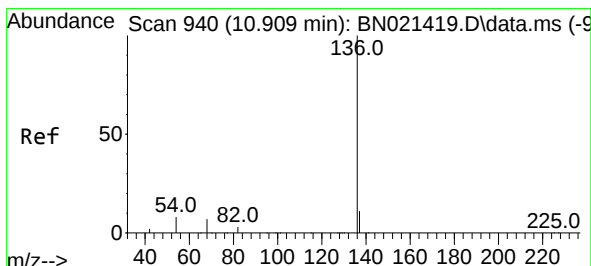
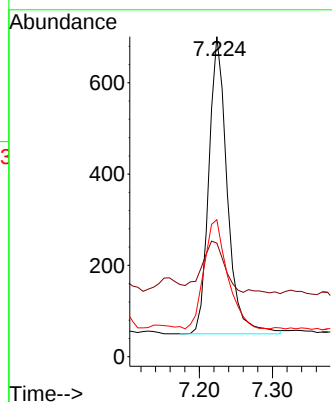
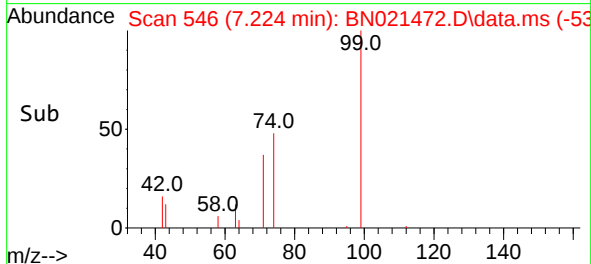


#5  
Phenol-d6  
Concen: 0.101 ng  
RT: 7.224 min Scan# 546  
Delta R.T. 0.000 min  
Lab File: BN021472.D  
Acq: 31 Aug 2022 02:18

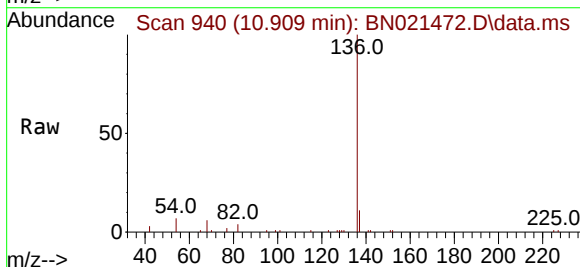
Instrument :  
BNA\_N  
ClientSampleId :  
EB01-20220822



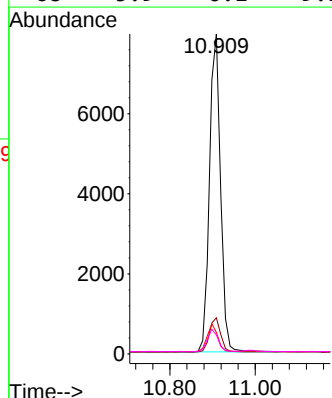
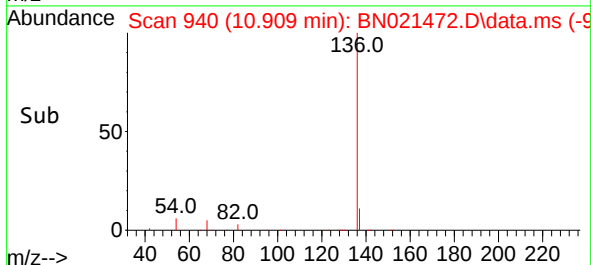
Tgt Ion: 99 Resp: 1137  
Ion Ratio Lower Upper  
99 100  
42 20.8 15.5 23.3  
71 46.8 24.2 36.2#



#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.909 min Scan# 940  
Delta R.T. -0.000 min  
Lab File: BN021472.D  
Acq: 31 Aug 2022 02:18



Tgt Ion: 136 Resp: 14271  
Ion Ratio Lower Upper  
136 100  
137 11.3 9.3 13.9  
54 6.7 6.9 10.3#  
68 5.9 6.1 9.1#

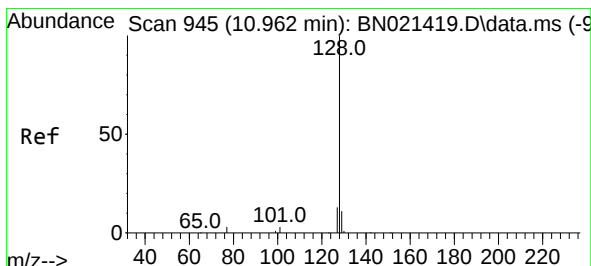
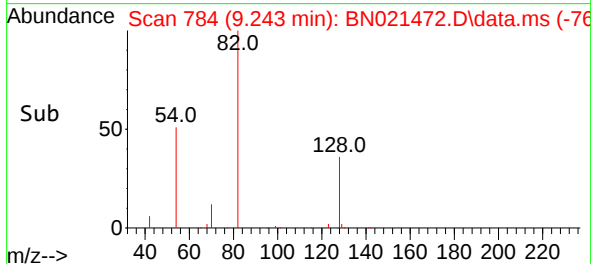
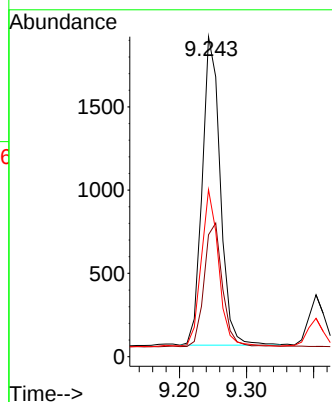
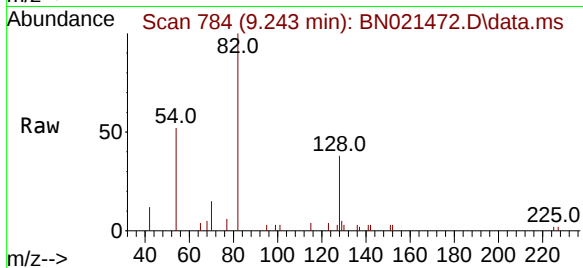




#8  
Nitrobenzene-d5  
Concen: 0.360 ng  
RT: 9.243 min Scan# 785  
Delta R.T. -0.011 min  
Lab File: BN021472.D  
Acq: 31 Aug 2022 02:18

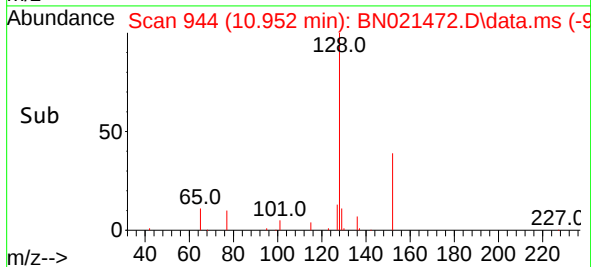
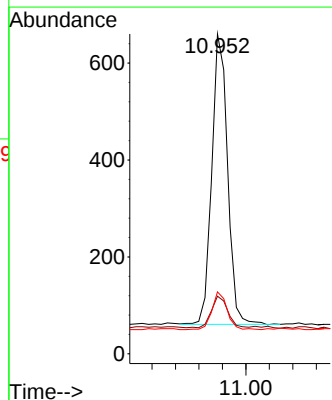
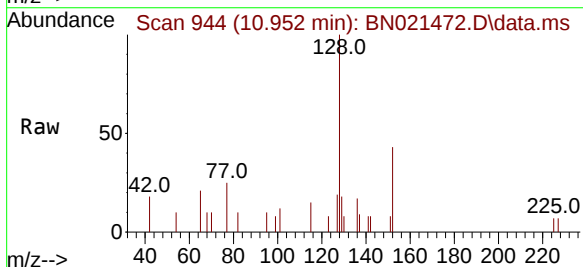
Instrument :  
BNA\_N  
ClientSampleId :  
EB01-20220822

Tgt Ion: 82 Resp: 3469  
Ion Ratio Lower Upper  
82 100  
128 38.1 30.9 46.3  
54 52.2 42.7 64.1



#9  
Naphthalene  
Concen: 0.026 ng  
RT: 10.952 min Scan# 944  
Delta R.T. -0.011 min  
Lab File: BN021472.D  
Acq: 31 Aug 2022 02:18

Tgt Ion: 128 Resp: 1115  
Ion Ratio Lower Upper  
128 100  
129 18.0 9.3 13.9#  
127 19.4 11.0 16.4#





#11

2-Methylnaphthalene-d10

Concen: 0.417 ng

RT: 12.490 min Scan# 11

Delta R.T. -0.007 min

Lab File: BN021472.D

Acq: 31 Aug 2022 02:18

Instrument :

BNA\_N

ClientSampleId :

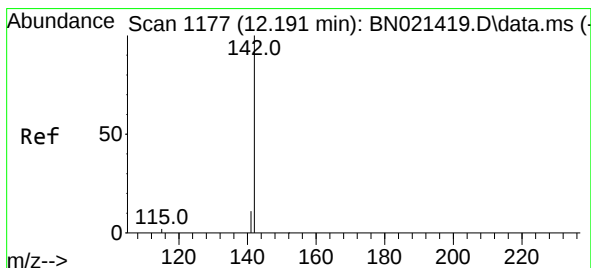
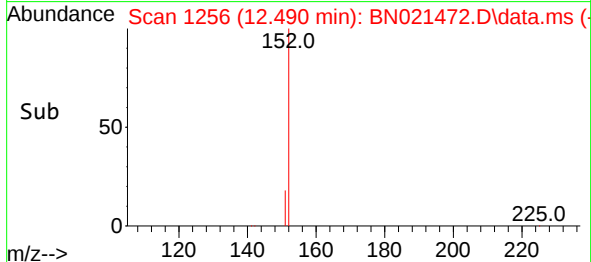
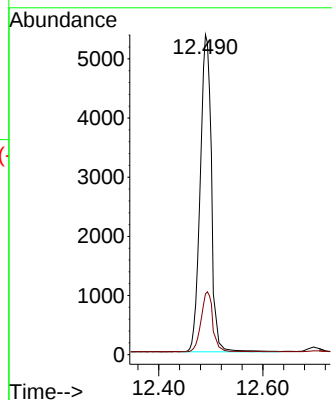
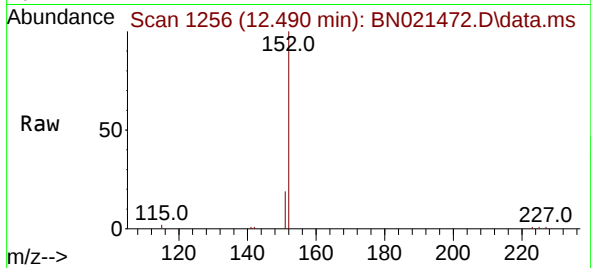
EB01-20220822

Tgt Ion:152 Resp: 13398

Ion Ratio Lower Upper

152 100

151 20.1 14.5 21.7



#12

2-Methylnaphthalene

Concen: 0.127 ng

RT: 12.191 min Scan# 1177

Delta R.T. 0.000 min

Lab File: BN021472.D

Acq: 31 Aug 2022 02:18

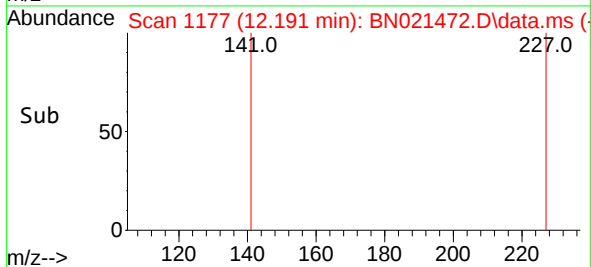
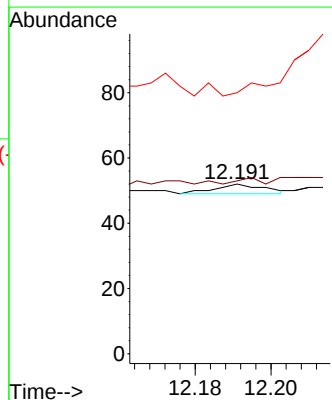
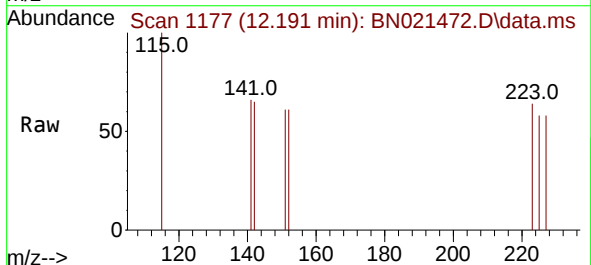
Tgt Ion:142 Resp: 3

Ion Ratio Lower Upper

142 100

141 101.9 12.2 18.2#

115 153.8 7.9 11.9#

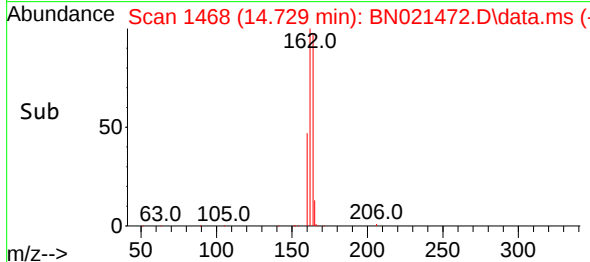
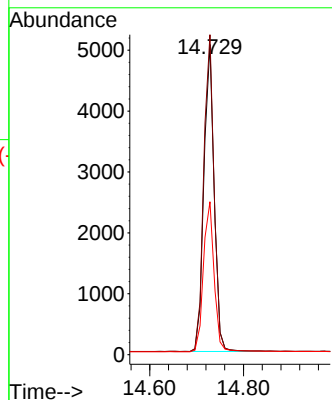
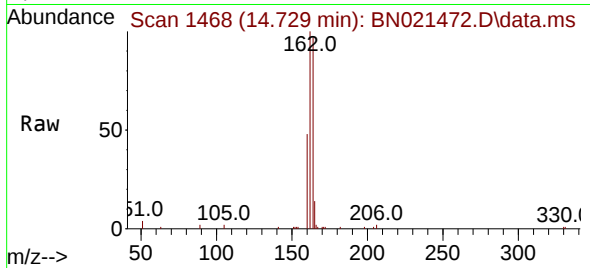




#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.729 min Scan# 1468  
Delta R.T. 0.001 min  
Lab File: BN021472.D  
Acq: 31 Aug 2022 02:18

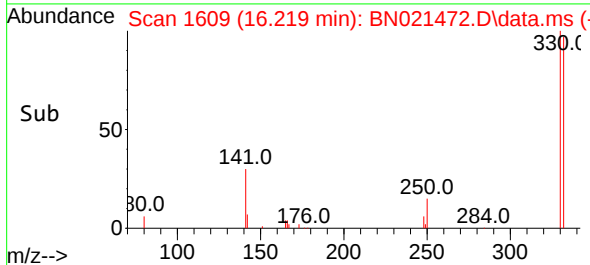
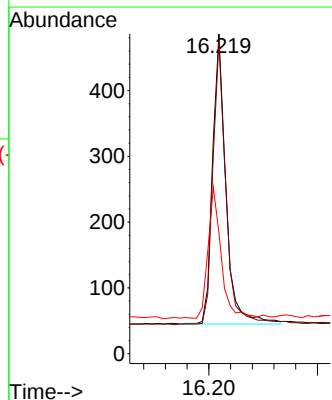
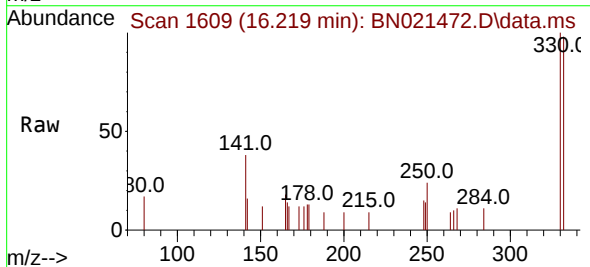
Instrument :  
BNA\_N  
ClientSampleId :  
EB01-20220822

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:164 | Resp: | 7664       |
| Ion Ratio   | Lower | Upper      |
| 164         | 100   |            |
| 162         | 103.2 | 82.2 123.4 |
| 160         | 49.3  | 39.5 59.3  |



#14  
2,4,6-Tribromophenol  
Concen: 0.300 ng  
RT: 16.219 min Scan# 1609  
Delta R.T. 0.001 min  
Lab File: BN021472.D  
Acq: 31 Aug 2022 02:18

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:330 | Resp: | 756        |
| Ion Ratio   | Lower | Upper      |
| 330         | 100   |            |
| 332         | 95.1  | 79.3 118.9 |
| 141         | 43.8  | 37.1 55.7  |

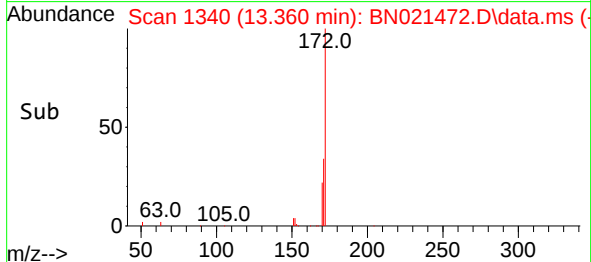
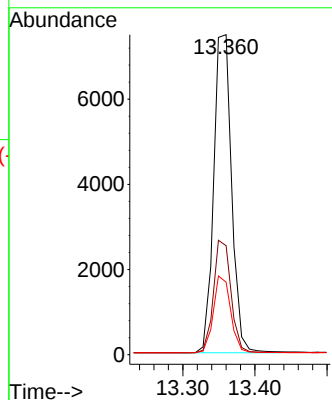
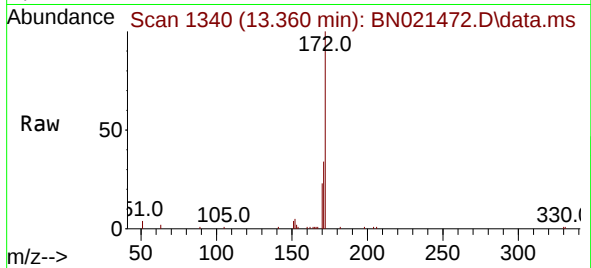




#15  
2-Fluorobiphenyl  
Concen: 0.385 ng  
RT: 13.360 min Scan# 1340  
Delta R.T. 0.000 min  
Lab File: BN021472.D  
Acq: 31 Aug 2022 02:18

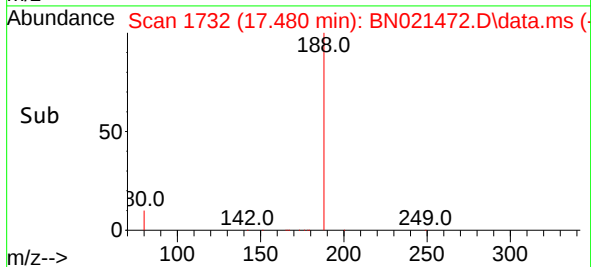
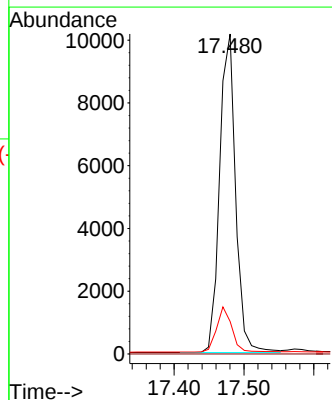
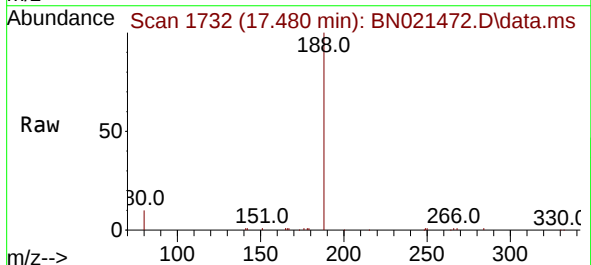
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BNA\_N  
ClientSampleId :  
EB01-20220822

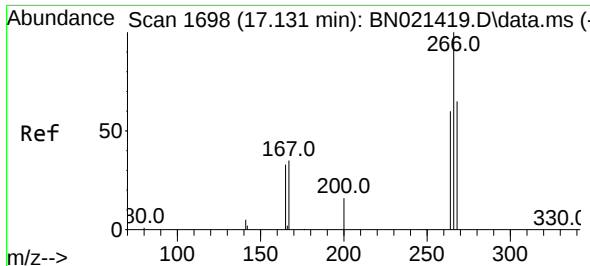
Tgt Ion:172 Resp: 12909  
Ion Ratio Lower Upper  
172 100  
171 34.1 27.8 41.6  
170 22.6 18.6 28.0



#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.480 min Scan# 1732  
Delta R.T. 0.000 min  
Lab File: BN021472.D  
Acq: 31 Aug 2022 02:18

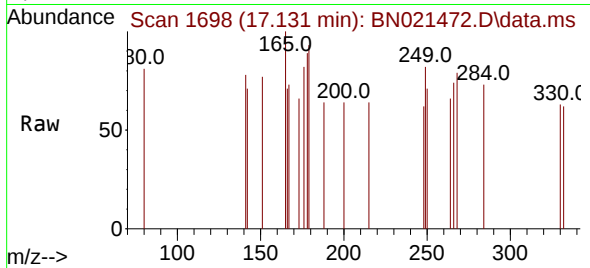
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Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 10.2 9.5 14.3



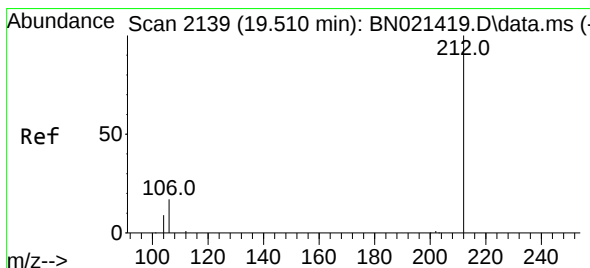
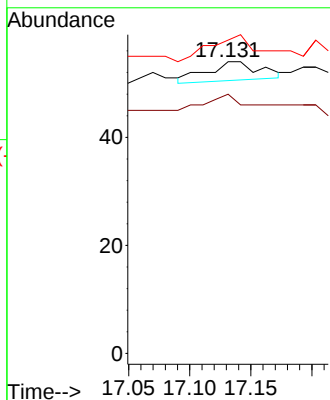
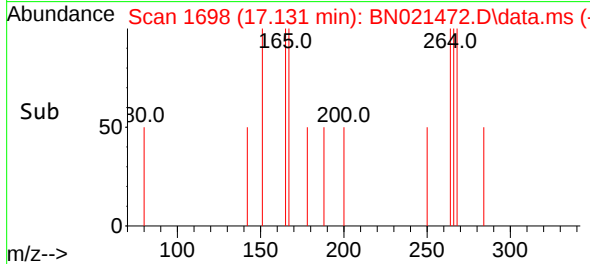


#24  
 Pentachlorophenol  
 Concen: 0.205 ng  
 RT: 17.131 min Scan# 1698  
 Delta R.T. 0.000 min  
 Lab File: BN021472.D  
 Acq: 31 Aug 2022 02:18

Instrument :  
 BNA\_N  
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 EB01-20220822

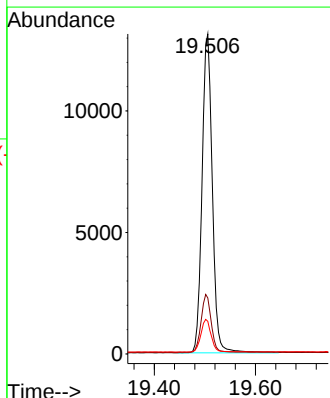
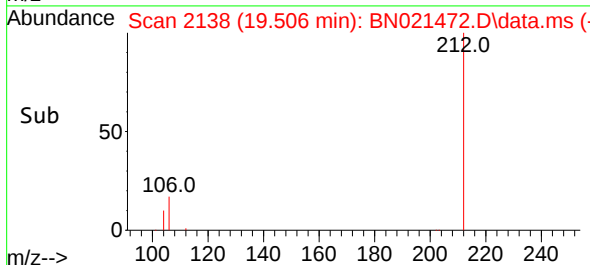
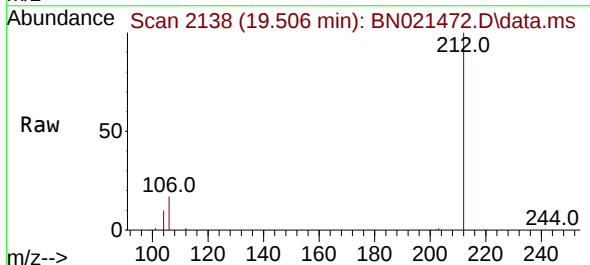


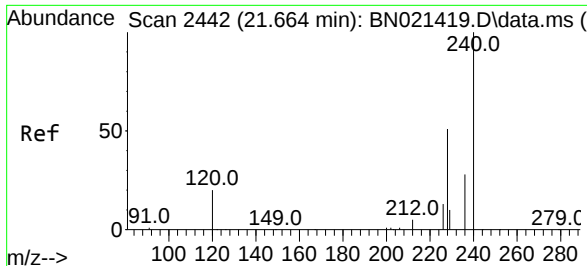
Tgt Ion:266 Resp: 10  
 Ion Ratio Lower Upper  
 266 100  
 264 90.0 49.0 73.6#  
 268 140.0 50.9 76.3#



#27  
 Fluoranthene-d10  
 Concen: 0.444 ng  
 RT: 19.506 min Scan# 2138  
 Delta R.T. -0.004 min  
 Lab File: BN021472.D  
 Acq: 31 Aug 2022 02:18

Tgt Ion:212 Resp: 18463  
 Ion Ratio Lower Upper  
 212 100  
 106 17.9 14.2 21.2  
 104 10.5 7.8 11.6

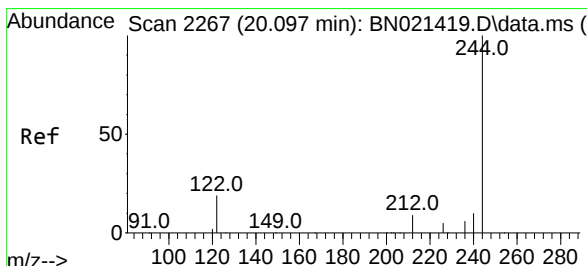
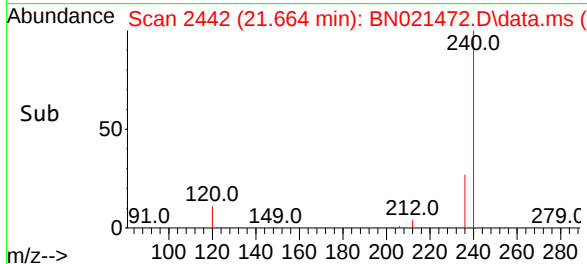
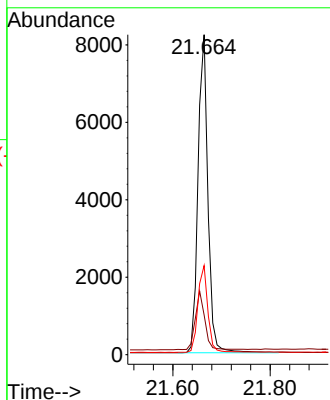
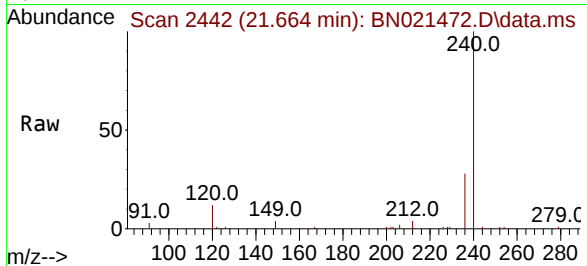




#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.664 min Scan# 2442  
Delta R.T. 0.000 min  
Lab File: BN021472.D  
Acq: 31 Aug 2022 02:18

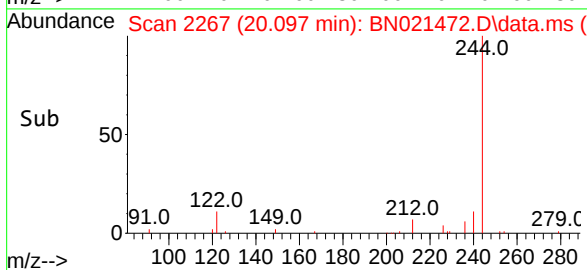
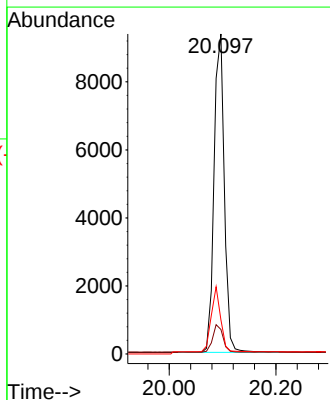
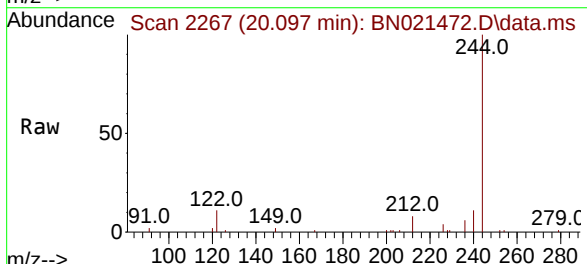
Instrument :  
BNA\_N  
ClientSampleId :  
EB01-20220822

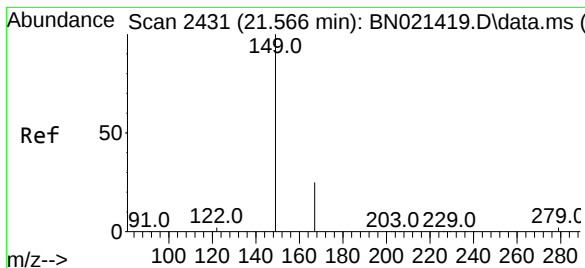
Tgt Ion:240 Resp: 11534  
Ion Ratio Lower Upper  
240 100  
120 12.4 10.2 15.4  
236 27.8 22.1 33.1



#31  
Terphenyl-d14  
Concen: 0.482 ng  
RT: 20.097 min Scan# 2267  
Delta R.T. 0.000 min  
Lab File: BN021472.D  
Acq: 31 Aug 2022 02:18

Tgt Ion:244 Resp: 12506  
Ion Ratio Lower Upper  
244 100  
212 7.7 6.5 9.7  
122 10.7 9.1 13.7



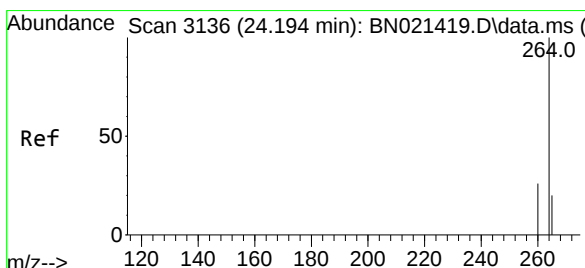
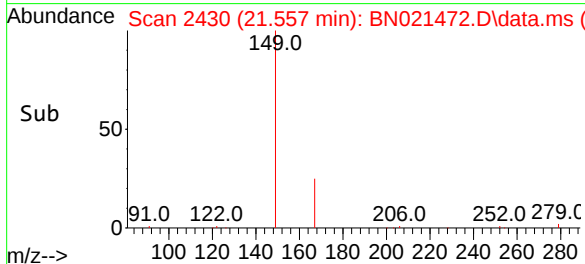
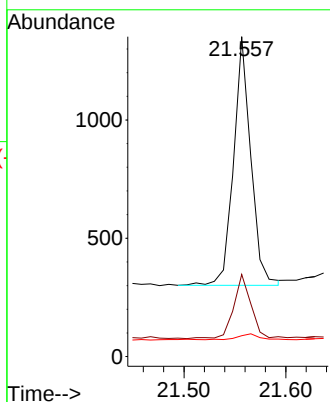
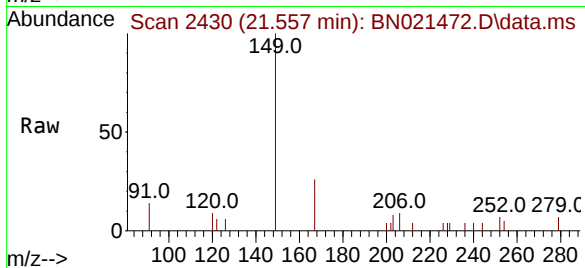


#34  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.077 ng  
 RT: 21.557 min Scan# 2431  
 Delta R.T. -0.009 min  
 Lab File: BN021472.D  
 Acq: 31 Aug 2022 02:18

Instrument :  
 BNA\_N  
 ClientSampleId :  
 EB01-20220822

Tgt Ion:149 Resp: 1241

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 26.2  | 21.4  | 32.0  |
| 279 | 2.9   | 2.2   | 3.2   |



#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 24.182 min Scan# 3132  
 Delta R.T. -0.012 min  
 Lab File: BN021472.D  
 Acq: 31 Aug 2022 02:18

Tgt Ion:264 Resp: 7967

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 27.2  | 21.0  | 31.6  |
| 265 | 38.5  | 32.2  | 48.2  |

