

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN101722\  
 Data File : BN022143.D  
 Acq On : 17 Oct 2022 09:29  
 Operator : CG/JU  
 Sample : PB148337BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB148337BL

Quant Time: Oct 17 15:26:39 2022  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN100322.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Oct 13 01:51:34 2022  
 Response via : Initial Calibration

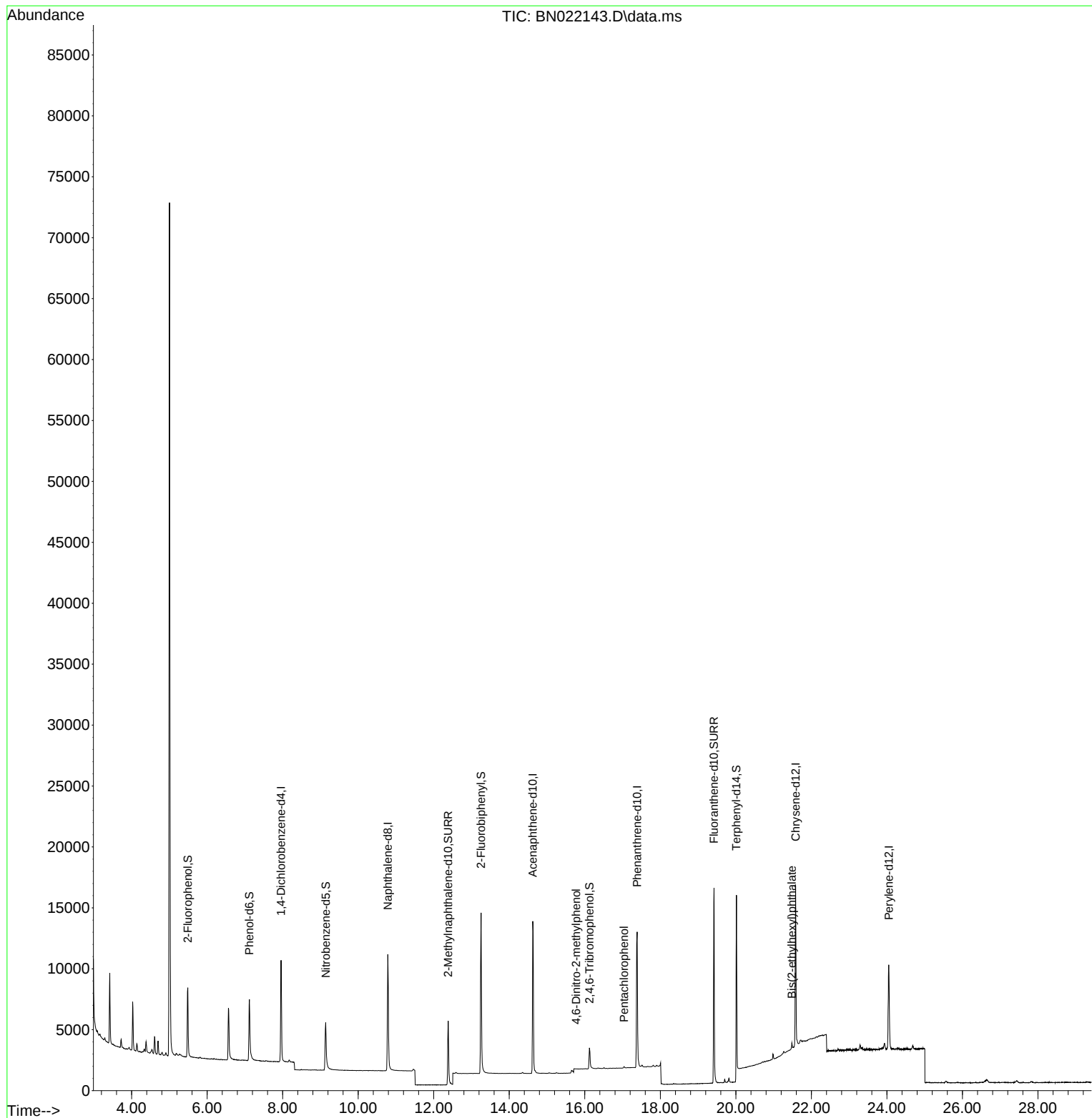
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.957  | 152  | 4376     | 0.400 | ng    | -0.01    |
| 7) Naphthalene-d8             | 10.784 | 136  | 13974    | 0.400 | ng    | -0.01    |
| 13) Acenaphthene-d10          | 14.621 | 164  | 8137     | 0.400 | ng    | -0.01    |
| 19) Phenanthrene-d10          | 17.387 | 188  | 17579    | 0.400 | ng    | 0.00     |
| 29) Chrysene-d12              | 21.582 | 240  | 11736    | 0.400 | ng    | 0.00     |
| 35) Perylene-d12              | 24.049 | 264  | 10051    | 0.400 | ng    | #-0.01   |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.487  | 112  | 5116     | 0.505 | ng    | 0.00     |
| 5) Phenol-d6                  | 7.119  | 99   | 6180     | 0.470 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 9.140  | 82   | 4508     | 0.401 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.380 | 152  | 9307     | 0.362 | ng    | -0.01    |
| 14) 2,4,6-Tribromophenol      | 16.121 | 330  | 1176     | 0.379 | ng    | -0.01    |
| 15) 2-Fluorobiphenyl          | 13.253 | 172  | 12718    | 0.358 | ng    | -0.01    |
| 27) Fluoranthene-d10          | 19.420 | 212  | 17158    | 0.367 | ng    | 0.00     |
| 31) Terphenyl-d14             | 20.015 | 244  | 11148    | 0.472 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
| 20) 4,6-Dinitro-2-methylph... | 15.774 | 198  | 5        | 0.193 | ng    | # 1      |
| 24) Pentachlorophenol         | 17.040 | 266  | 87       | 0.021 | ng    | 98       |
| 34) Bis(2-ethylhexyl)phtha... | 21.484 | 149  | 600      | 0.028 | ng    | # 94     |
| -----                         |        |      |          |       |       |          |

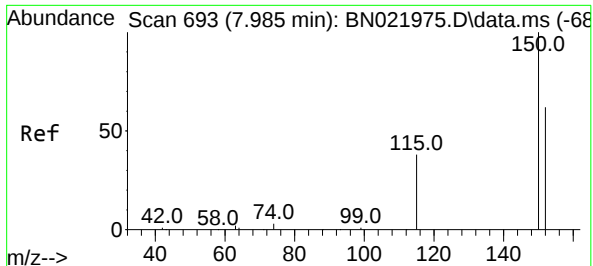
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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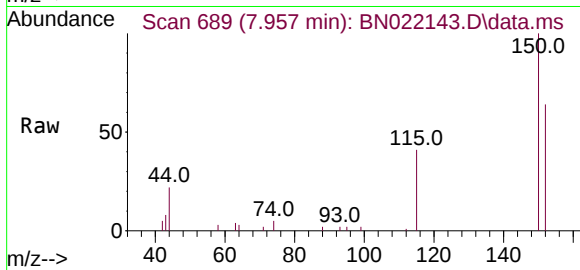
Quant Time: Oct 17 15:26:39 2022  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN100322.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Oct 13 01:51:34 2022  
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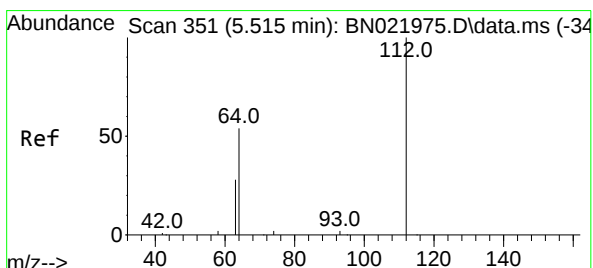
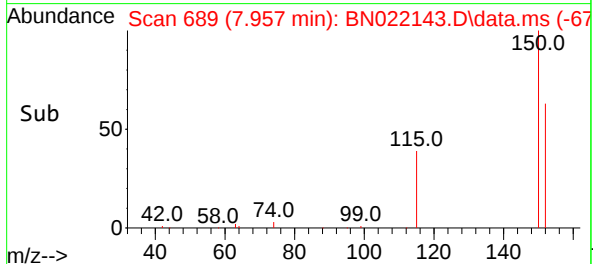
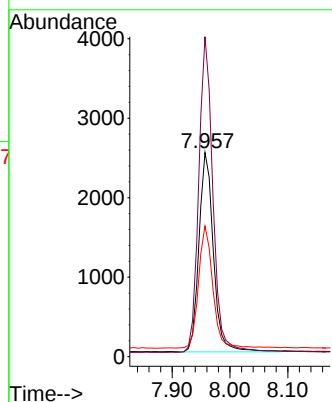


#1  
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.957 min Scan# 61  
Delta R.T. -0.014 min  
Lab File: BN022143.D  
Acq: 17 Oct 2022 09:29

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BNA\_N  
ClientSampleId :  
PB148337BL

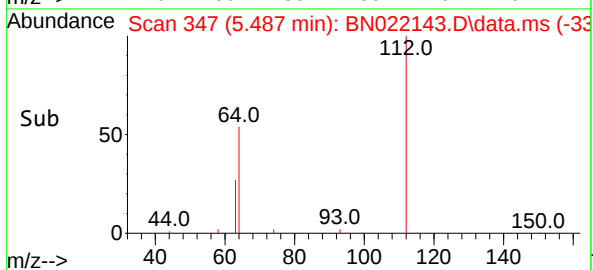
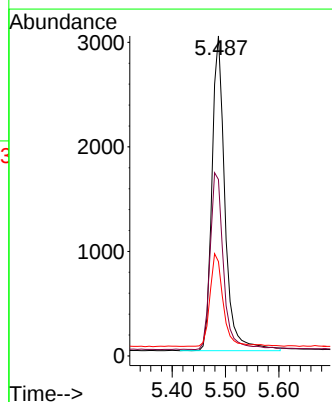
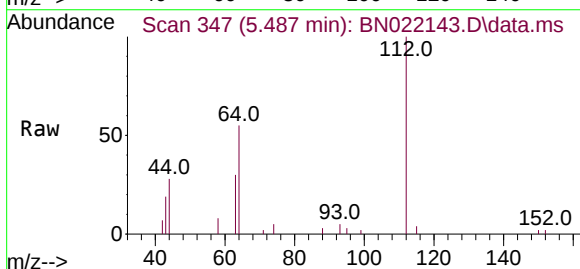


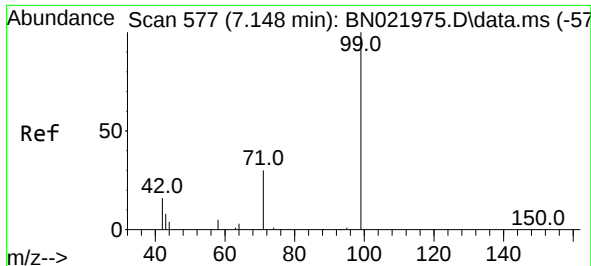
Tgt Ion:152 Resp: 4376  
Ion Ratio Lower Upper  
152 100  
150 156.8 127.2 190.8  
115 64.0 51.4 77.0



#4  
2-Fluorophenol  
Concen: 0.505 ng  
RT: 5.487 min Scan# 347  
Delta R.T. -0.007 min  
Lab File: BN022143.D  
Acq: 17 Oct 2022 09:29

Tgt Ion:112 Resp: 5116  
Ion Ratio Lower Upper  
112 100  
64 58.1 46.9 70.3  
63 30.1 24.6 37.0

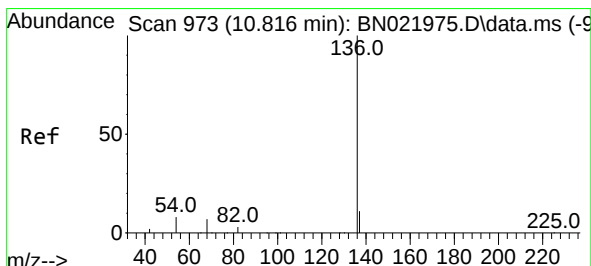
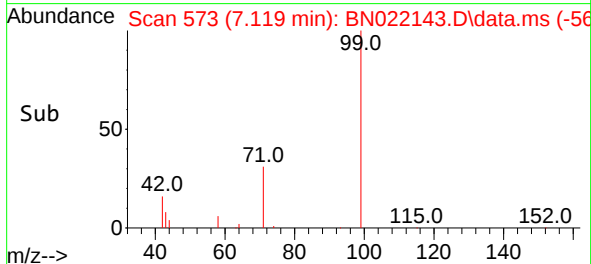
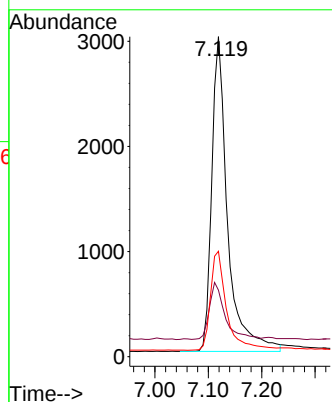
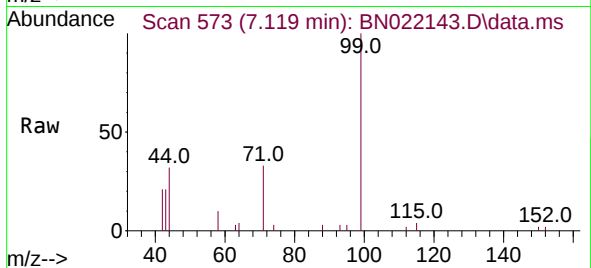




#5  
Phenol-d6  
Concen: 0.470 ng  
RT: 7.119 min Scan# 51  
Delta R.T. -0.007 min  
Lab File: BN022143.D  
Acq: 17 Oct 2022 09:29

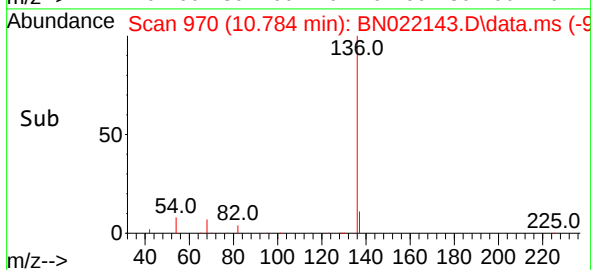
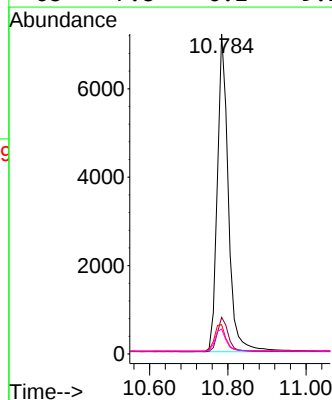
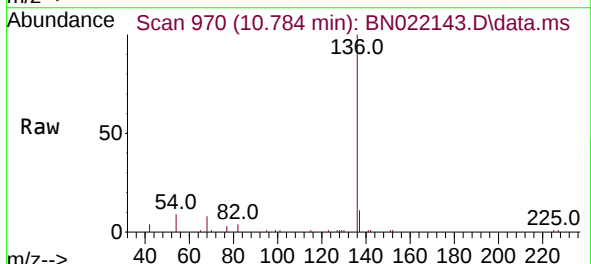
Instrument :  
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ClientSampleId :  
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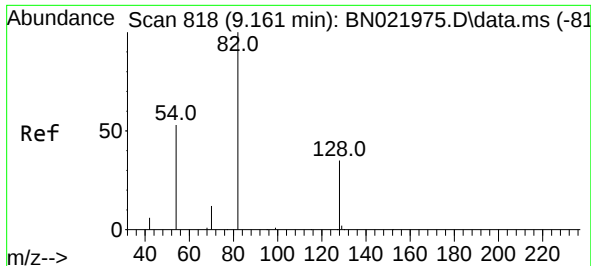
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 99    | Resp: | 6180  |
| Ion      | Ratio | Lower | Upper |
| 99       | 100   |       |       |
| 42       | 17.7  | 15.9  | 23.9  |
| 71       | 32.4  | 25.6  | 38.4  |



#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.784 min Scan# 970  
Delta R.T. -0.011 min  
Lab File: BN022143.D  
Acq: 17 Oct 2022 09:29

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 13974 |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 11.5  | 9.2   | 13.8  |
| 54       | 9.1   | 7.1   | 10.7  |
| 68       | 7.8   | 6.2   | 9.2   |

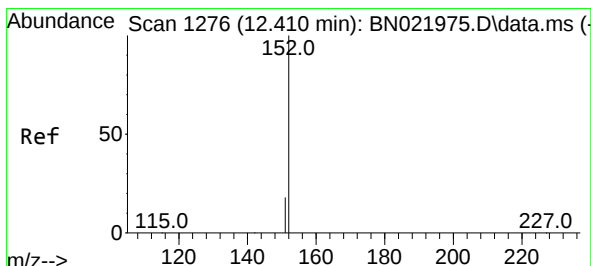
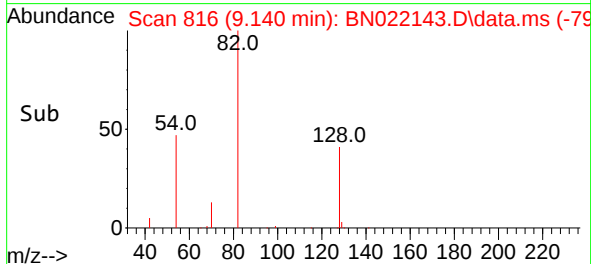
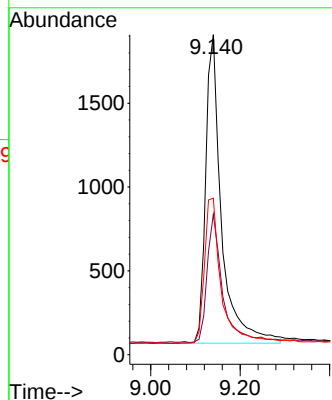
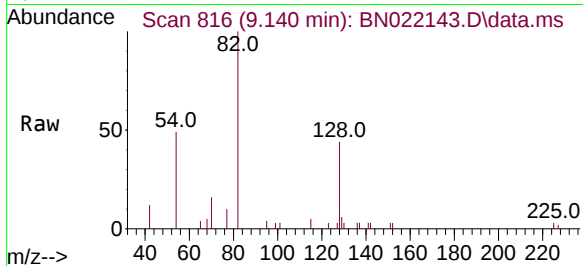




#8  
Nitrobenzene-d5  
Concen: 0.401 ng  
RT: 9.140 min Scan# 81  
Delta R.T. 0.000 min  
Lab File: BN022143.D  
Acq: 17 Oct 2022 09:29

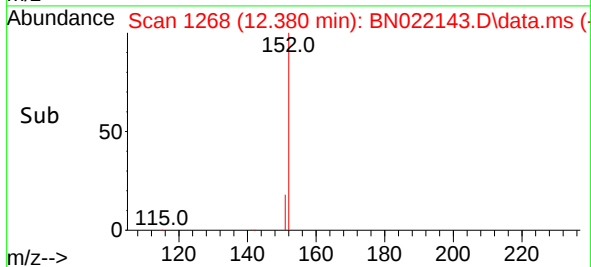
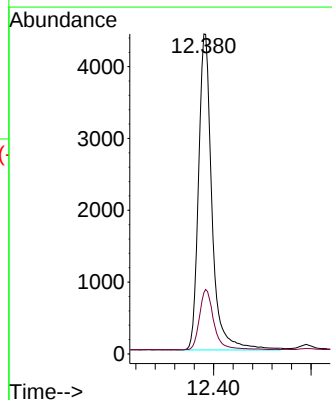
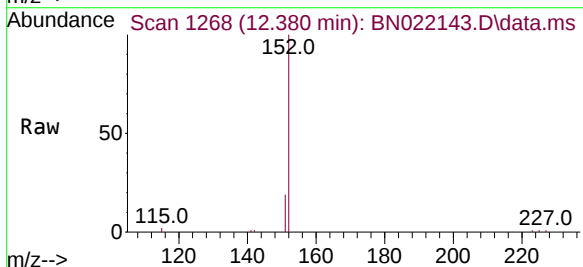
Instrument :  
BNA\_N  
ClientSampleId :  
PB148337BL

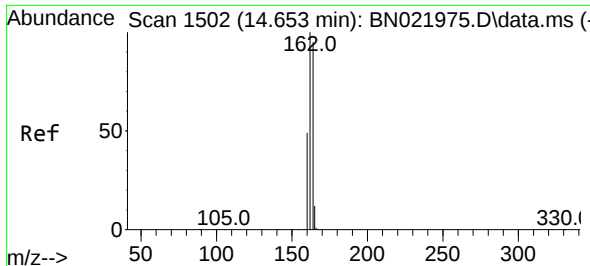
Tgt Ion: 82 Resp: 4508  
Ion Ratio Lower Upper  
82 100  
128 43.8 29.9 44.9  
54 48.9 43.5 65.3



#11  
2-Methylnaphthalene-d10  
Concen: 0.362 ng  
RT: 12.380 min Scan# 1268  
Delta R.T. -0.011 min  
Lab File: BN022143.D  
Acq: 17 Oct 2022 09:29

Tgt Ion: 152 Resp: 9307  
Ion Ratio Lower Upper  
152 100  
151 18.5 13.8 20.6

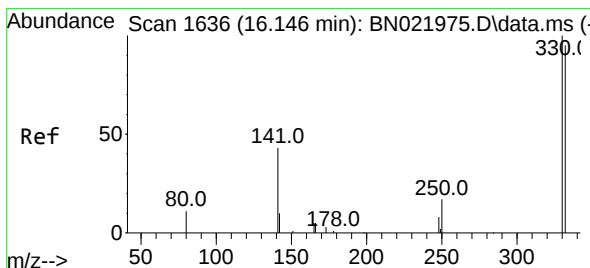
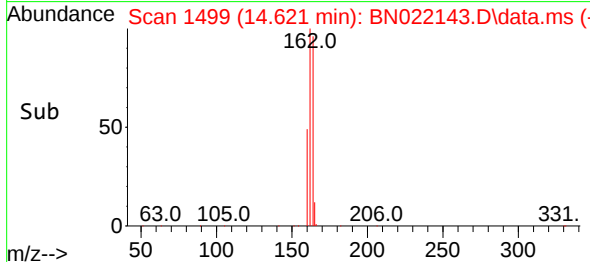
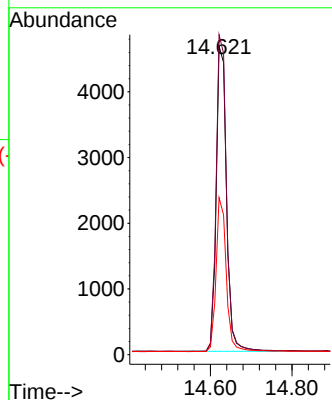
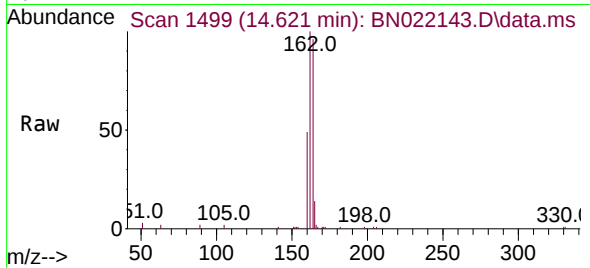




#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.621 min Scan# 14  
Delta R.T. -0.011 min  
Lab File: BN022143.D  
Acq: 17 Oct 2022 09:29

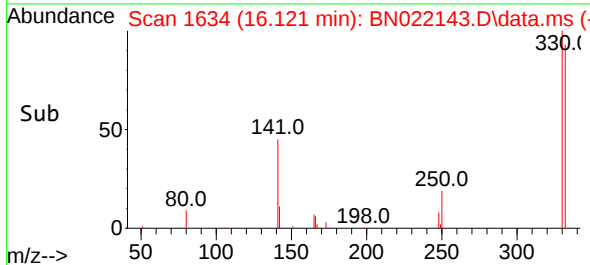
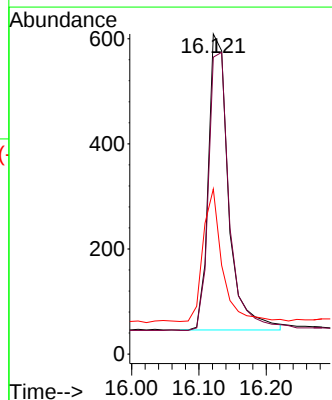
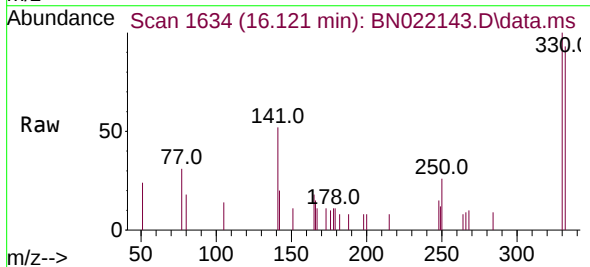
Instrument :  
BNA\_N  
ClientSampleId :  
PB148337BL

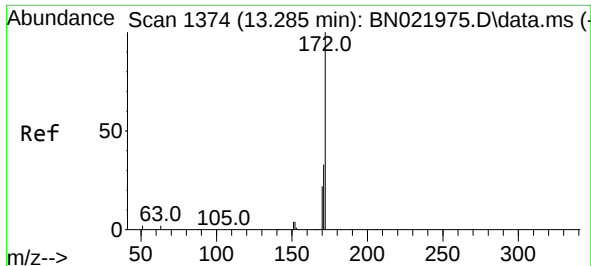
Tgt Ion:164 Resp: 8137  
Ion Ratio Lower Upper  
164 100  
162 103.7 84.3 126.5  
160 50.9 41.7 62.5



#14  
2,4,6-Tribromophenol  
Concen: 0.379 ng  
RT: 16.121 min Scan# 1634  
Delta R.T. -0.012 min  
Lab File: BN022143.D  
Acq: 17 Oct 2022 09:29

Tgt Ion:330 Resp: 1176  
Ion Ratio Lower Upper  
330 100  
332 97.0 77.0 115.4  
141 42.0 35.3 52.9

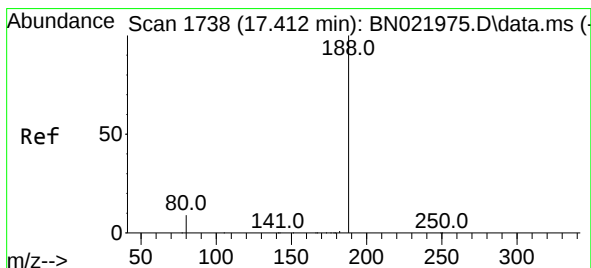
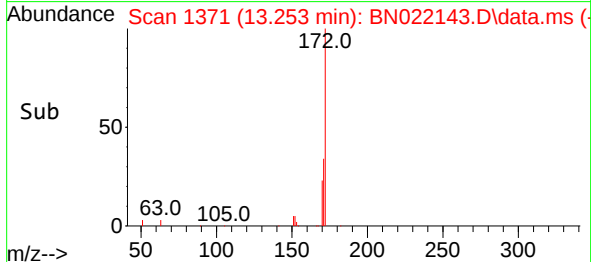
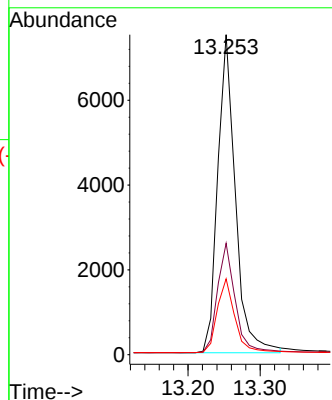
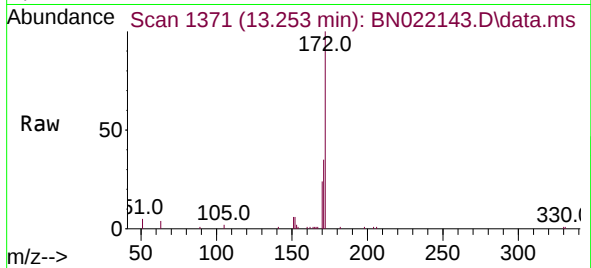




#15  
2-Fluorobiphenyl  
Concen: 0.358 ng  
RT: 13.253 min Scan# 11  
Delta R.T. -0.011 min  
Lab File: BN022143.D  
Acq: 17 Oct 2022 09:29

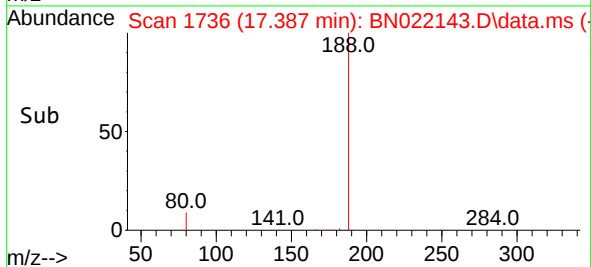
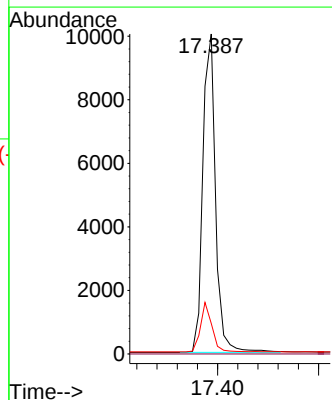
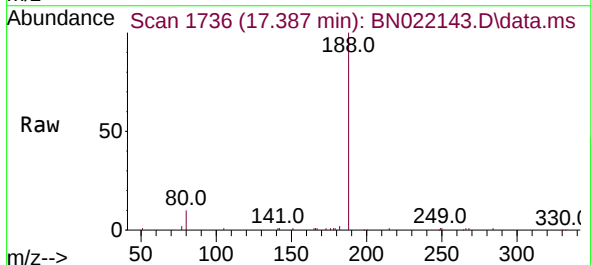
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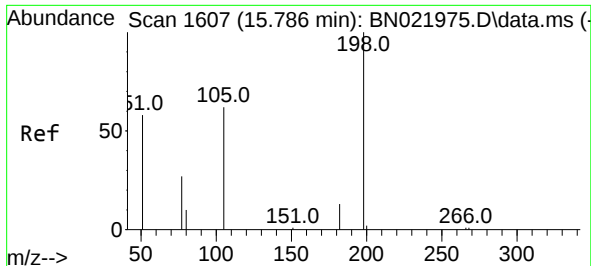
Tgt Ion:172 Resp: 12718  
Ion Ratio Lower Upper  
172 100  
171 34.8 27.2 40.8  
170 23.7 18.3 27.5



#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.387 min Scan# 1736  
Delta R.T. 0.000 min  
Lab File: BN022143.D  
Acq: 17 Oct 2022 09:29

Tgt Ion:188 Resp: 17579  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 9.6 7.5 11.3

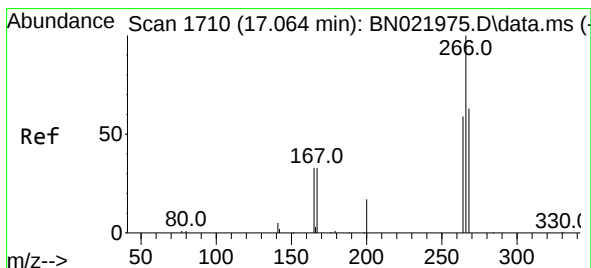
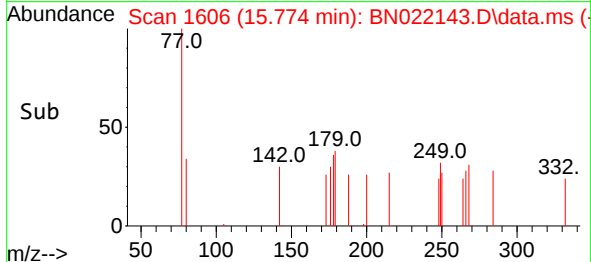
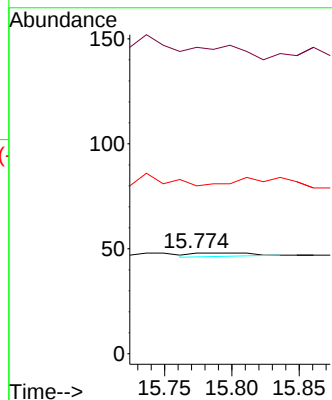
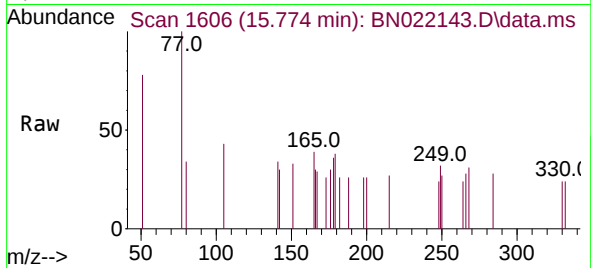




#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.193 ng  
RT: 15.774 min Scan# 1  
Delta R.T. 0.000 min  
Lab File: BN022143.D  
Acq: 17 Oct 2022 09:29

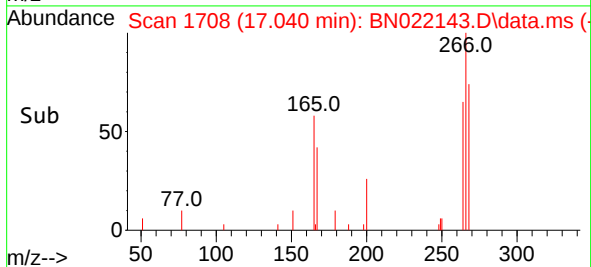
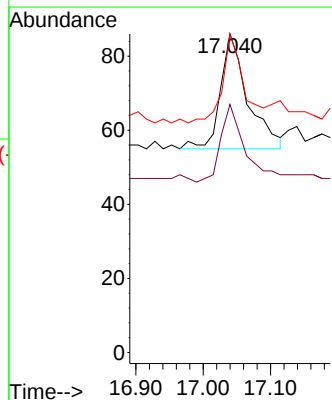
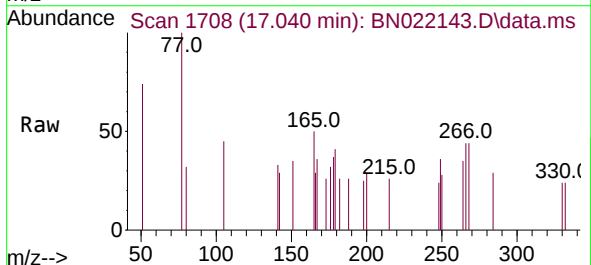
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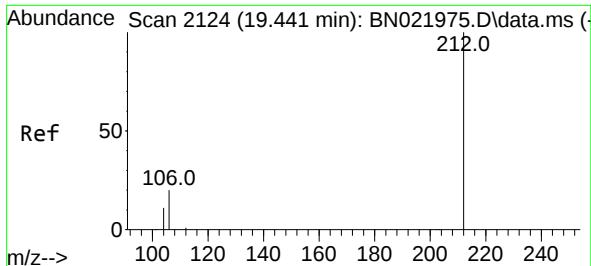
Tgt Ion:198 Resp: 5  
Ion Ratio Lower Upper  
198 100  
51 304.2 96.6 144.8#  
105 166.7 64.4 96.6#



#24  
Pentachlorophenol  
Concen: 0.021 ng  
RT: 17.040 min Scan# 1708  
Delta R.T. 0.000 min  
Lab File: BN022143.D  
Acq: 17 Oct 2022 09:29

Tgt Ion:266 Resp: 87  
Ion Ratio Lower Upper  
266 100  
264 62.1 49.8 74.6  
268 58.6 49.6 74.4

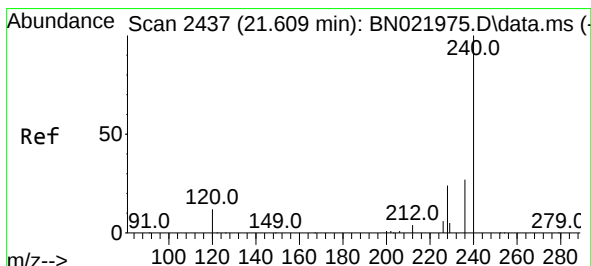
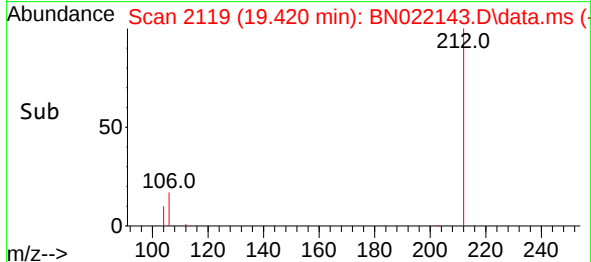
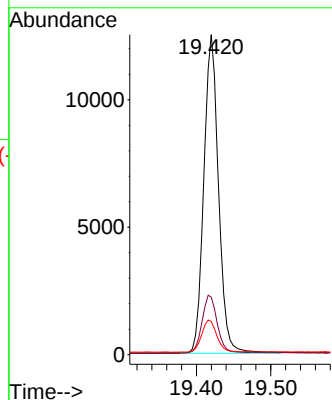
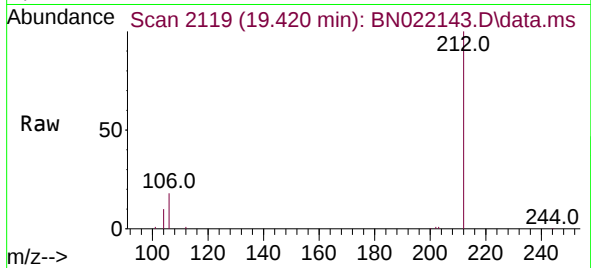




#27  
Fluoranthene-d10  
Concen: 0.367 ng  
RT: 19.420 min Scan# 2119  
Delta R.T. -0.008 min  
Lab File: BN022143.D  
Acq: 17 Oct 2022 09:29

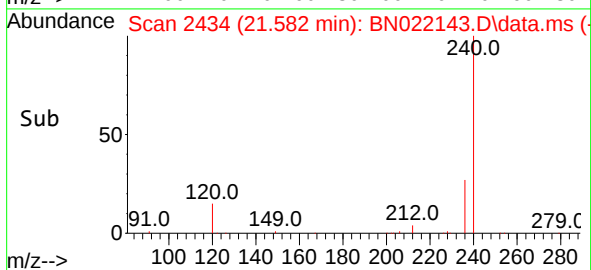
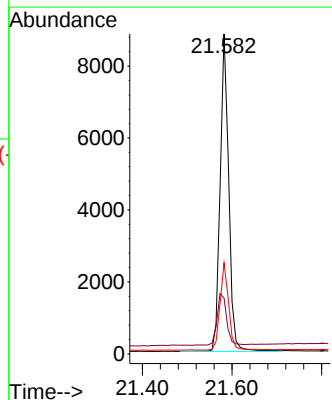
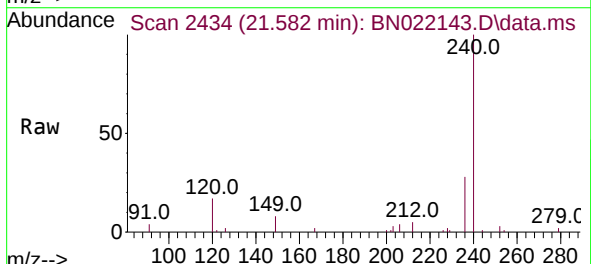
Instrument :  
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ClientSampleId :  
PB148337BL

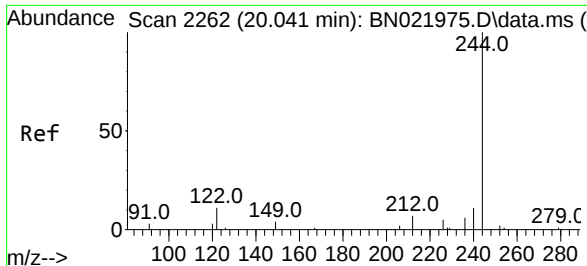
Tgt Ion:212 Resp: 17158  
Ion Ratio Lower Upper  
212 100  
106 18.7 15.2 22.8  
104 10.5 8.6 13.0



#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.582 min Scan# 2434  
Delta R.T. -0.009 min  
Lab File: BN022143.D  
Acq: 17 Oct 2022 09:29

Tgt Ion:240 Resp: 11736  
Ion Ratio Lower Upper  
240 100  
120 17.5 11.8 17.6  
236 28.4 22.4 33.6





#31

Terphenyl-d14

Concen: 0.472 ng

RT: 20.015 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN022143.D

Acq: 17 Oct 2022 09:29

Instrument :

BNA\_N

ClientSampleId :

PB148337BL

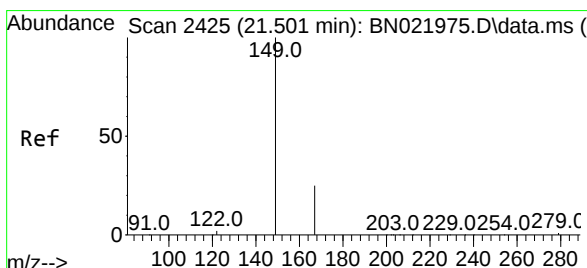
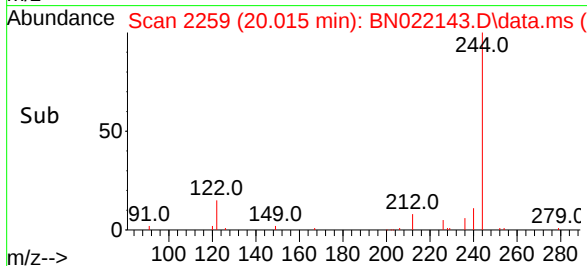
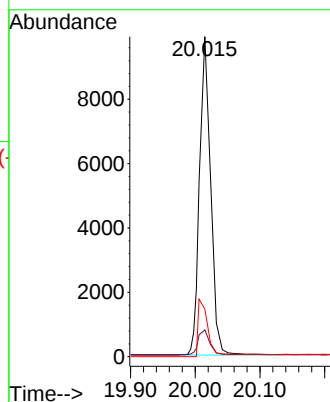
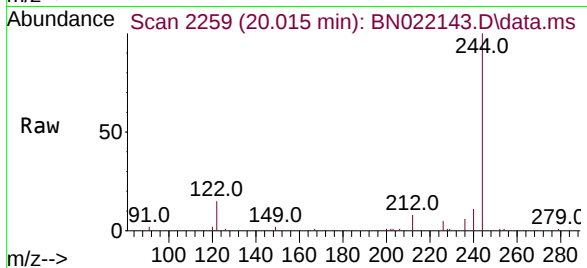
Tgt Ion:244 Resp: 11148

Ion Ratio Lower Upper

244 100

212 8.4 6.5 9.7

122 14.8 9.1 13.7#



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.028 ng

RT: 21.484 min Scan# 2423

Delta R.T. -0.009 min

Lab File: BN022143.D

Acq: 17 Oct 2022 09:29

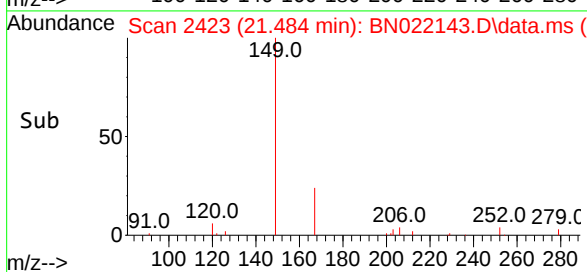
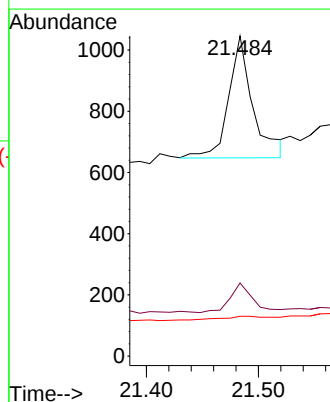
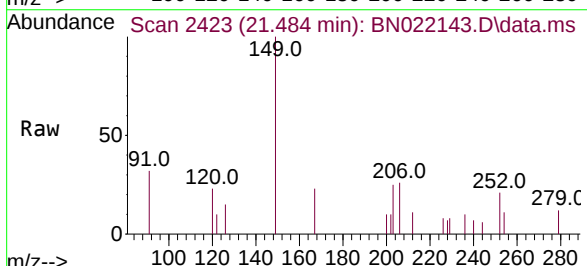
Tgt Ion:149 Resp: 600

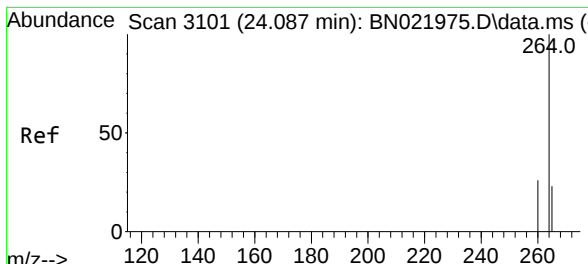
Ion Ratio Lower Upper

149 100

167 22.8 20.2 30.4

279 7.2 2.3 3.5#





#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 24.049 min Scan# 3088  
 Delta R.T. -0.012 min  
 Lab File: BN022143.D  
 Acq: 17 Oct 2022 09:29

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB148337BL

Tgt Ion:264 Resp: 10051

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 27.1  | 21.3  | 31.9  |
| 265 | 61.3  | 63.0  | 94.4# |

