

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN070924\  
 Data File : BN032585.D  
 Acq On : 09 Jul 2024 13:26  
 Operator : MA/JU  
 Sample : P3127-04  
 Misc :  
 ALS Vial : 41 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :

Quant Time: Jul 09 14:26:54 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN070924.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jul 09 02:39:48 2024  
 Response via : Initial Calibration

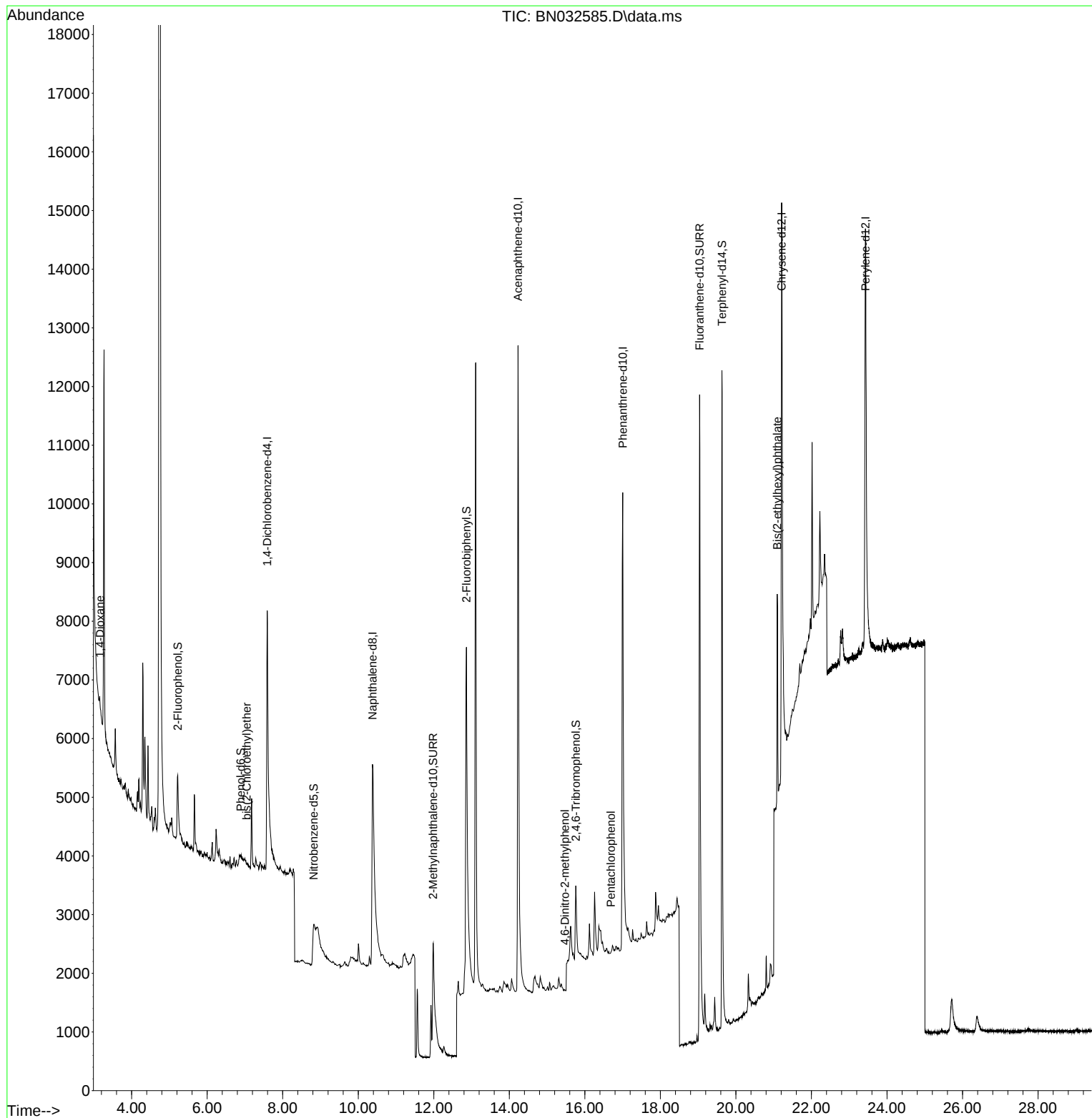
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.588  | 152  | 4201     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.378 | 136  | 12612    | 0.400 | ng    | # 0.00   |
| 13) Acenaphthene-d10          | 14.231 | 164  | 8984     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.004 | 188  | 17742    | 0.400 | ng    | 0.00     |
| 29) Chrysene-d12              | 21.211 | 240  | 13822    | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12              | 23.431 | 264  | 14600    | 0.400 | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.219  | 112  | 1952     | 0.184 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.888  | 99   | 911      | 0.067 | ng    | 0.07     |
| 8) Nitrobenzene-d5            | 8.819  | 82   | 2564     | 0.272 | ng    | 0.02     |
| 11) 2-Methylnaphthalene-d10   | 11.983 | 152  | 6378     | 0.320 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.762 | 330  | 1171     | 0.288 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 12.863 | 172  | 11390    | 0.344 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.040 | 212  | 16743    | 0.362 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.630 | 244  | 14433    | 0.428 | ng    | -0.02    |
|                               |        |      |          |       |       |          |
| Target Compounds              |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.161  | 88   | 119      | 0.022 | ng    | # 1      |
| 6) bis(2-Chloroethyl)ether    | 7.047  | 93   | 5        | 0.087 | ng    | # 24     |
| 20) 4,6-Dinitro-2-methylph... | 15.472 | 198  | 1        | 0.197 | ng    | # 1      |
| 24) Pentachlorophenol         | 16.693 | 266  | 22       | 0.172 | ng    | # 55     |
| 34) Bis(2-ethylhexyl)phtha... | 21.095 | 149  | 3631     | 0.117 | ng    | 98       |
| -----                         |        |      |          |       |       |          |

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

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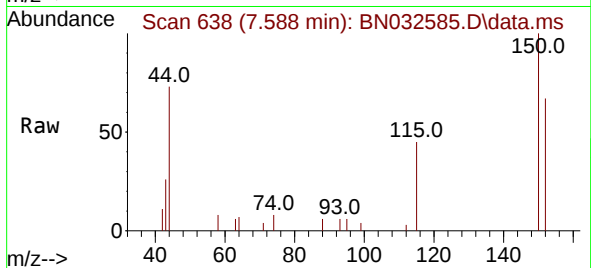
Quant Time: Jul 09 14:26:54 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN070924.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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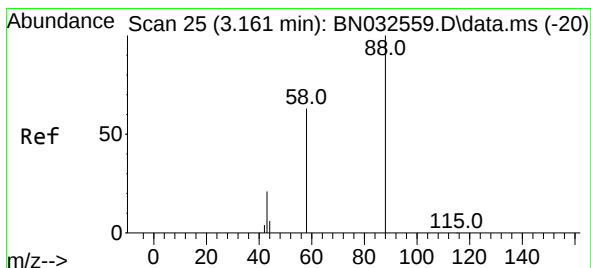
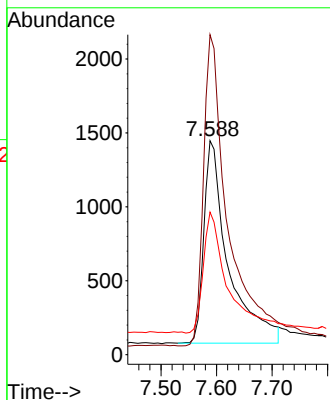
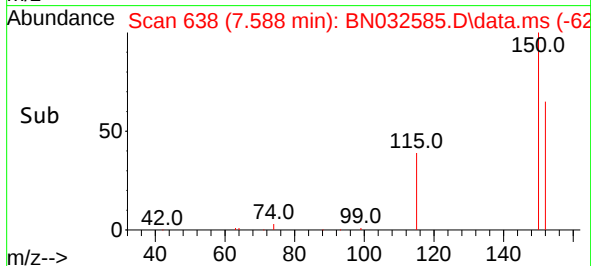


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.588 min Scan# 61  
 Delta R.T. 0.000 min  
 Lab File: BN032585.D  
 Acq: 09 Jul 2024 13:26

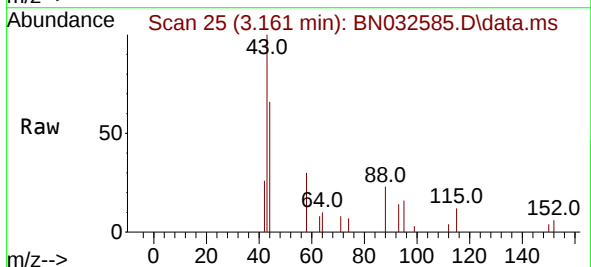
Instrument :  
 BNA\_N  
 ClientSampleId :



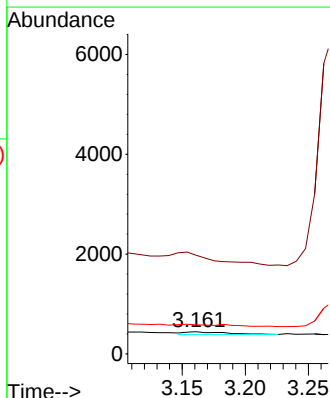
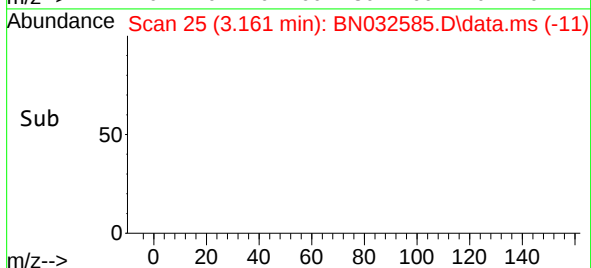
Tgt Ion:152 Resp: 4201  
 Ion Ratio Lower Upper  
 152 100  
 150 149.6 121.6 182.4  
 115 66.7 53.1 79.7

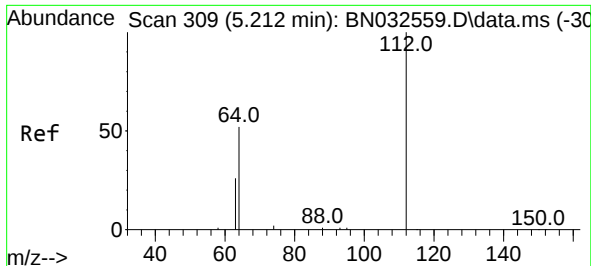


#2  
 1,4-Dioxane  
 Concen: 0.022 ng  
 RT: 3.161 min Scan# 25  
 Delta R.T. 0.000 min  
 Lab File: BN032585.D  
 Acq: 09 Jul 2024 13:26



Tgt Ion: 88 Resp: 119  
 Ion Ratio Lower Upper  
 88 100  
 43 520.2 20.4 30.6#  
 58 0.0 51.0 76.6#

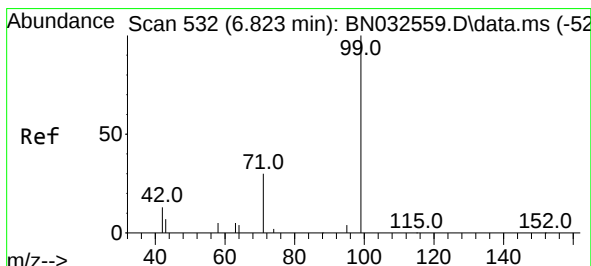
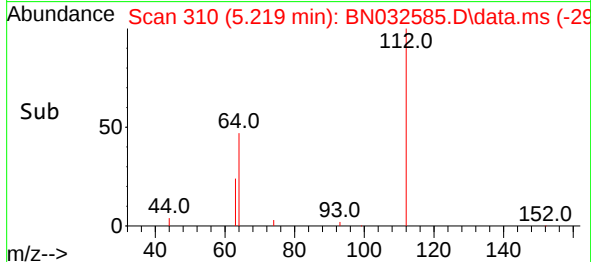
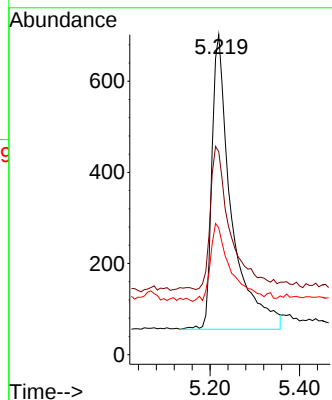
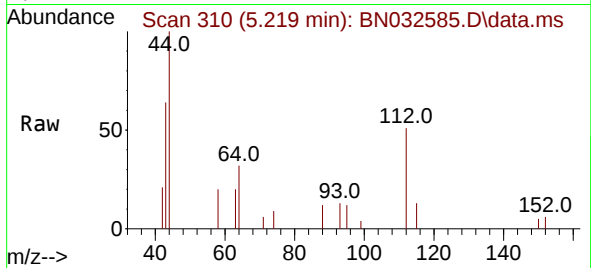




#4  
2-Fluorophenol  
Concen: 0.184 ng  
RT: 5.219 min Scan# 310  
Delta R.T. 0.007 min  
Lab File: BN032585.D  
Acq: 09 Jul 2024 13:26

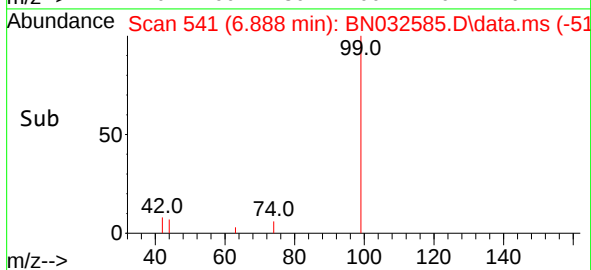
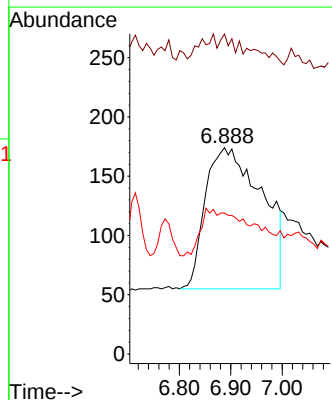
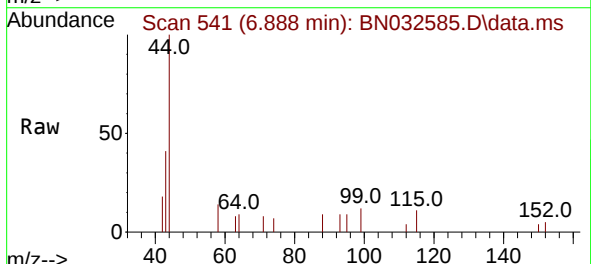
Instrument :  
BNA\_N  
ClientSampleId :

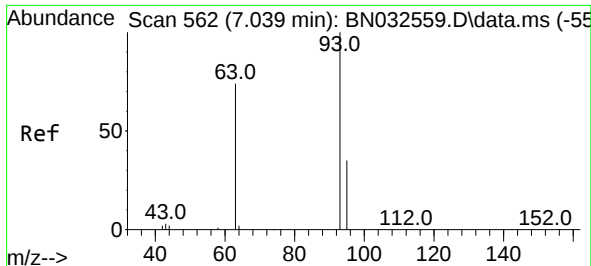
Tgt Ion:112 Resp: 1952  
Ion Ratio Lower Upper  
112 100  
64 50.4 41.2 61.8  
63 27.3 21.6 32.4



#5  
Phenol-d6  
Concen: 0.067 ng  
RT: 6.888 min Scan# 541  
Delta R.T. 0.065 min  
Lab File: BN032585.D  
Acq: 09 Jul 2024 13:26

Tgt Ion: 99 Resp: 911  
Ion Ratio Lower Upper  
99 100  
42 0.0 10.6 16.0#  
71 0.0 25.2 37.8#

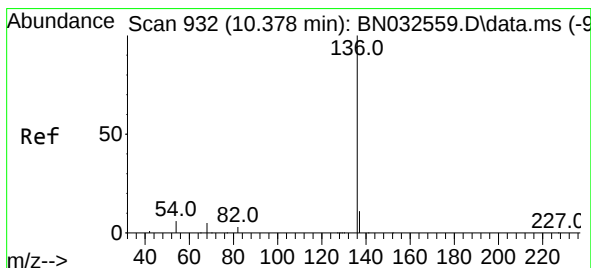
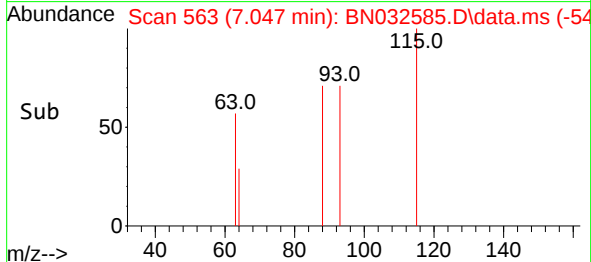
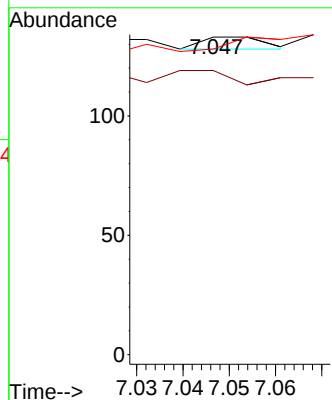
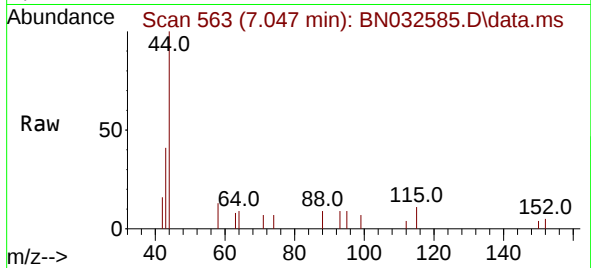




#6  
bis(2-Chloroethyl)ether  
Concen: 0.087 ng  
RT: 7.047 min Scan# 562  
Delta R.T. 0.008 min  
Lab File: BN032585.D  
Acq: 09 Jul 2024 13:26

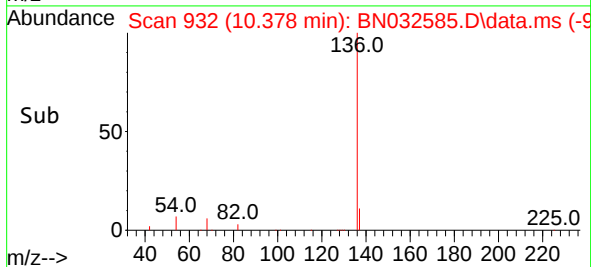
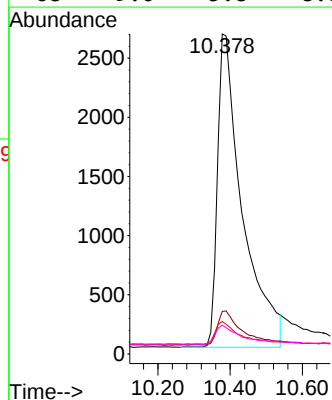
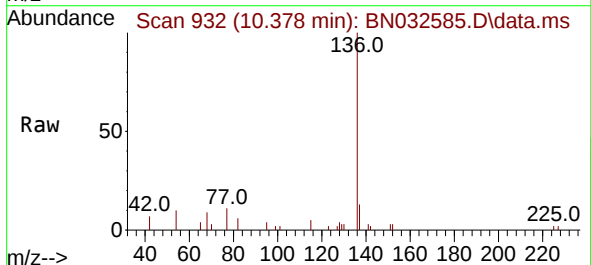
Instrument :  
BNA\_N  
ClientSampleId :

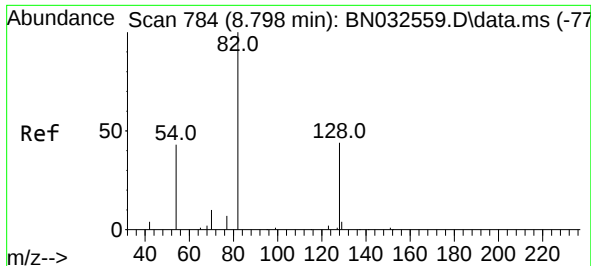
Tgt Ion: 93 Resp: 5  
Ion Ratio Lower Upper  
93 100  
63 0.0 54.1 81.1#  
95 0.0 30.5 45.7#



#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.378 min Scan# 932  
Delta R.T. 0.000 min  
Lab File: BN032585.D  
Acq: 09 Jul 2024 13:26

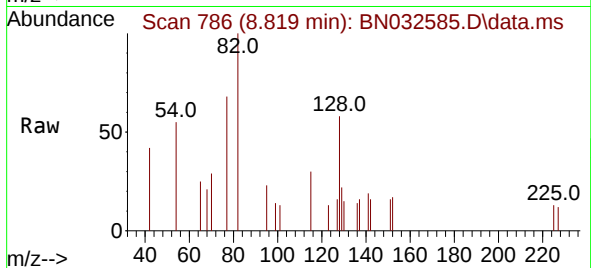
Tgt Ion: 136 Resp: 12612  
Ion Ratio Lower Upper  
136 100  
137 13.3 10.0 15.0  
54 10.2 6.6 9.8#  
68 9.0 5.8 8.8#



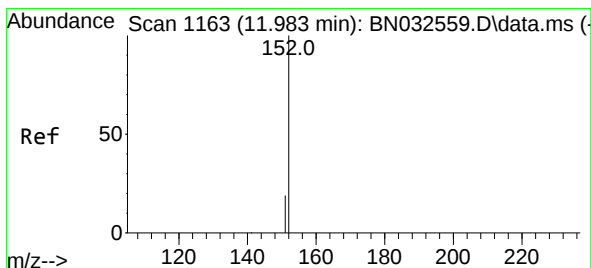
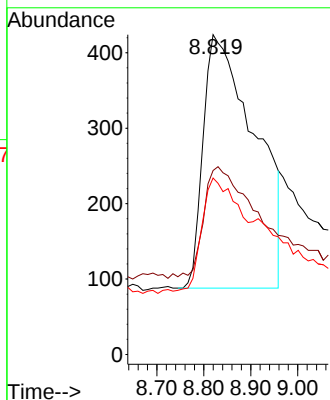
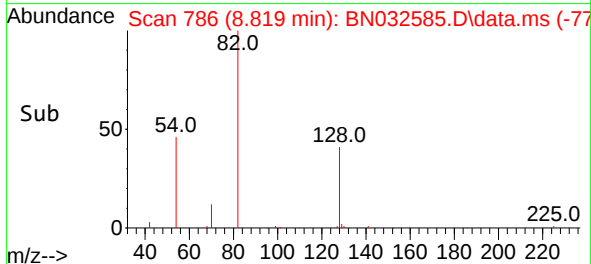


#8  
Nitrobenzene-d5  
Concen: 0.272 ng  
RT: 8.819 min Scan# 786  
Delta R.T. 0.021 min  
Lab File: BN032585.D  
Acq: 09 Jul 2024 13:26

Instrument :  
BNA\_N  
ClientSampleId :

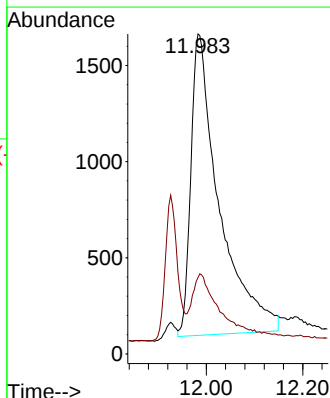
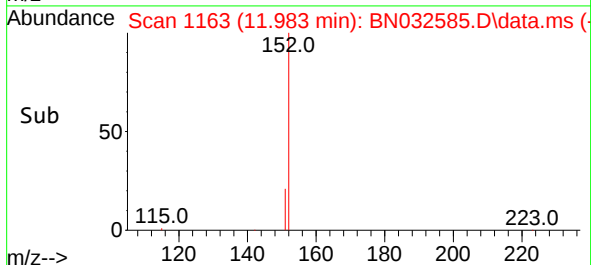
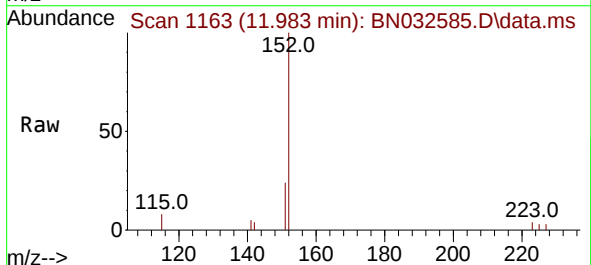


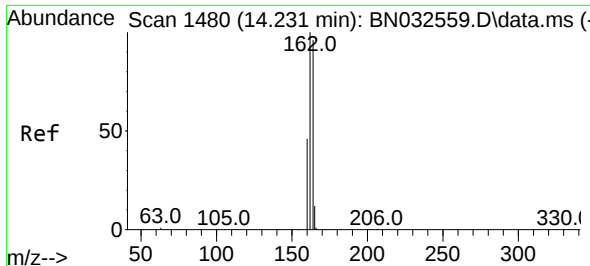
Tgt Ion: 82 Resp: 2564  
Ion Ratio Lower Upper  
82 100  
128 57.5 43.4 65.2  
54 55.2 40.2 60.2



#11  
2-Methylnaphthalene-d10  
Concen: 0.320 ng  
RT: 11.983 min Scan# 1163  
Delta R.T. 0.000 min  
Lab File: BN032585.D  
Acq: 09 Jul 2024 13:26

Tgt Ion: 152 Resp: 6378  
Ion Ratio Lower Upper  
152 100  
151 18.6 16.4 24.6

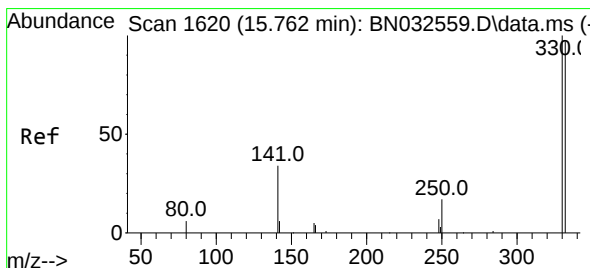
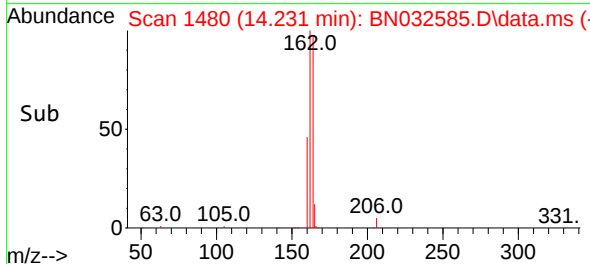
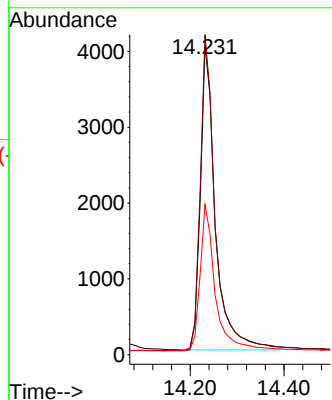
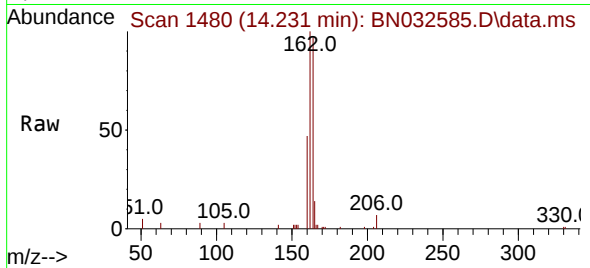




#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.231 min Scan# 1480  
Delta R.T. 0.000 min  
Lab File: BN032585.D  
Acq: 09 Jul 2024 13:26

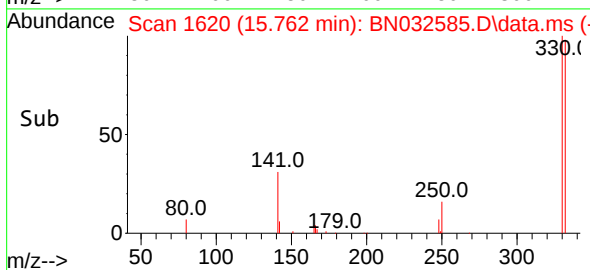
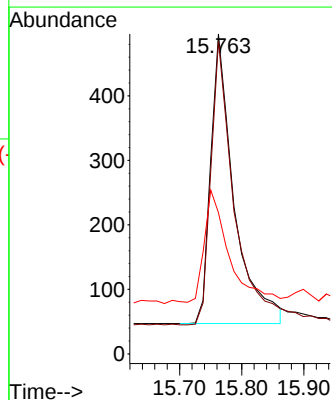
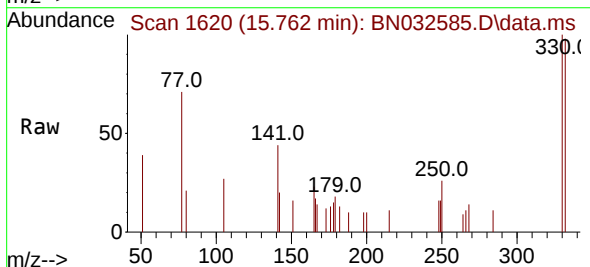
Instrument :  
BNA\_N  
ClientSampleId :

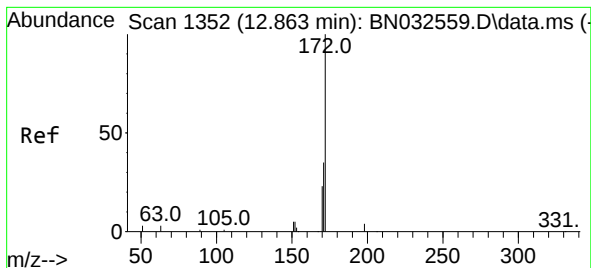
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Ion Ratio Lower Upper  
164 100  
162 103.5 83.2 124.8  
160 48.5 38.6 57.8



#14  
2,4,6-Tribromophenol  
Concen: 0.288 ng  
RT: 15.762 min Scan# 1620  
Delta R.T. 0.000 min  
Lab File: BN032585.D  
Acq: 09 Jul 2024 13:26

Tgt Ion:330 Resp: 1171  
Ion Ratio Lower Upper  
330 100  
332 97.5 77.7 116.5  
141 39.7 31.8 47.8

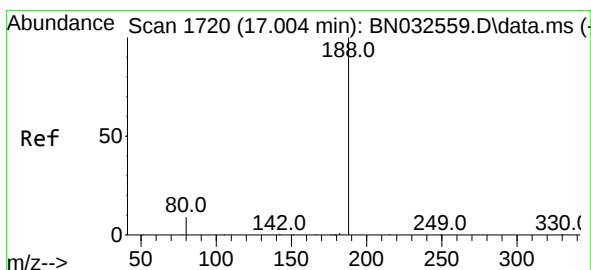
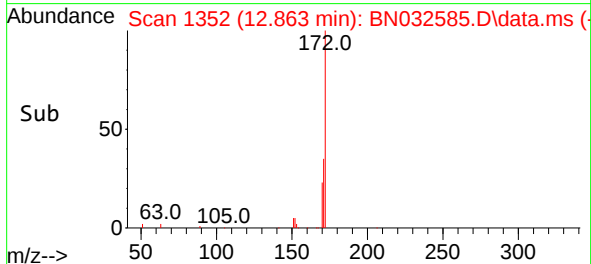
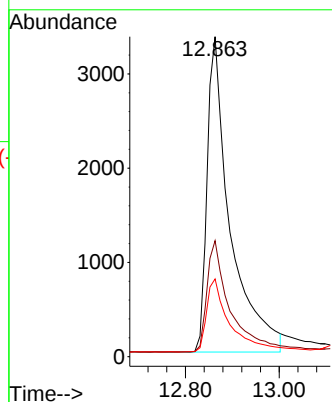
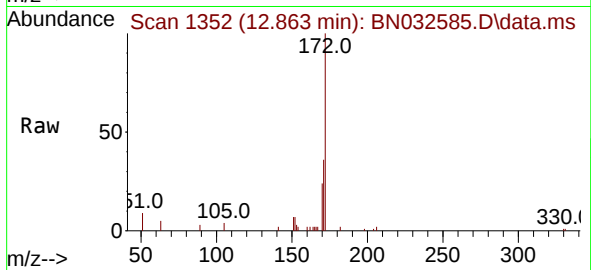




#15  
2-Fluorobiphenyl  
Concen: 0.344 ng  
RT: 12.863 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BN032585.D  
Acq: 09 Jul 2024 13:26

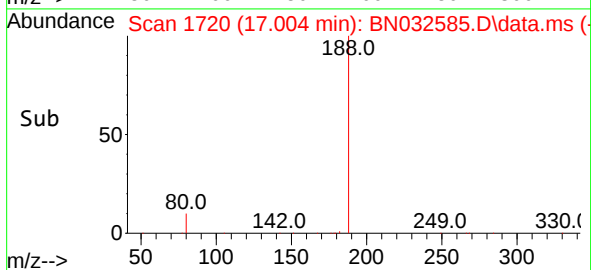
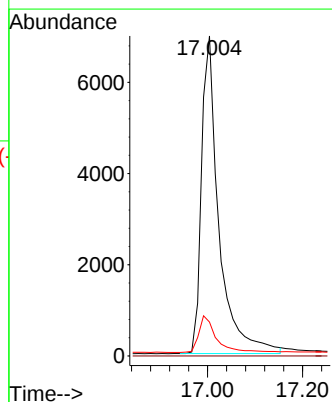
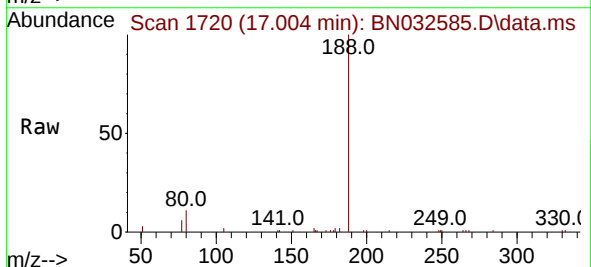
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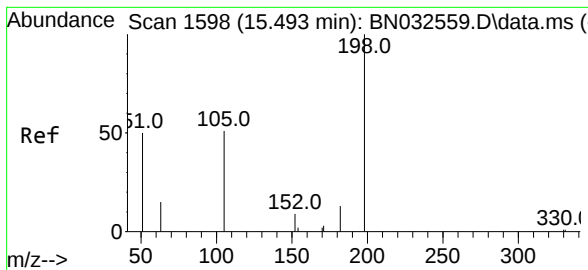
Tgt Ion:172 Resp: 11390  
Ion Ratio Lower Upper  
172 100  
171 36.3 28.5 42.7  
170 24.3 19.2 28.8



#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.004 min Scan# 1720  
Delta R.T. 0.000 min  
Lab File: BN032585.D  
Acq: 09 Jul 2024 13:26

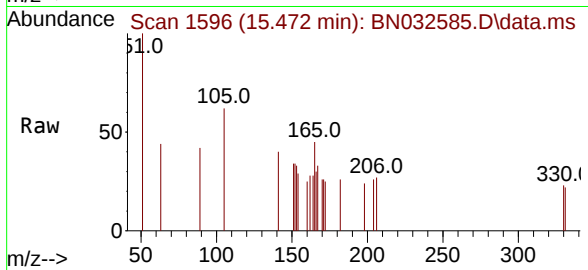
Tgt Ion:188 Resp: 17742  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 10.6 7.8 11.6



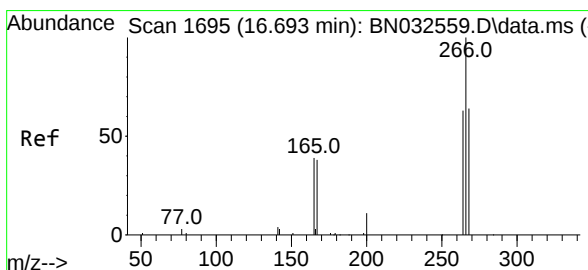
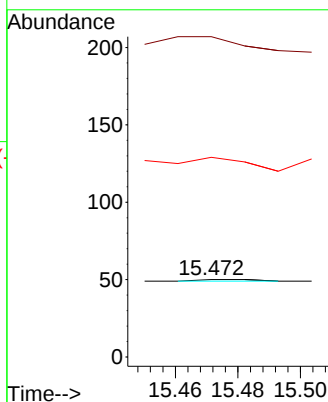
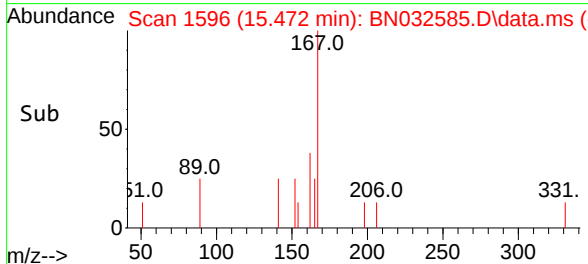


#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.197 ng  
RT: 15.472 min Scan# 1596  
Delta R.T. -0.021 min  
Lab File: BN032585.D  
Acq: 09 Jul 2024 13:26

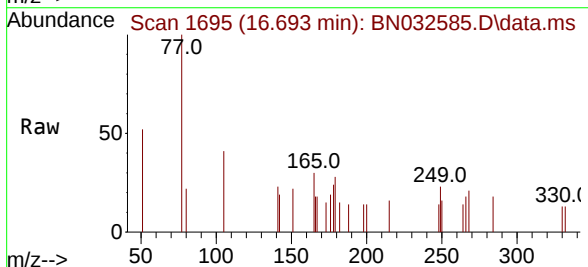
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BNA\_N  
ClientSampleId :



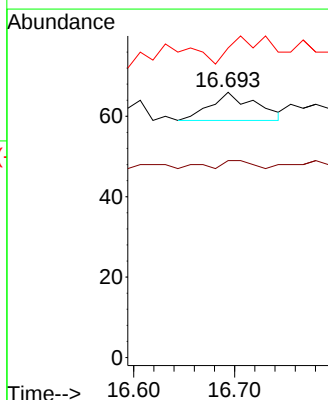
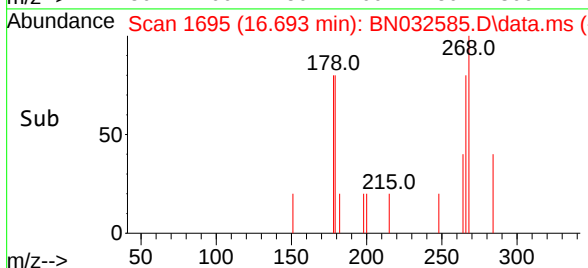
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Ion Ratio Lower Upper  
198 100  
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105 258.0 79.5 119.3#

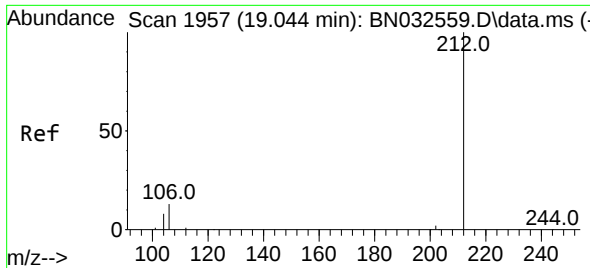


#24  
Pentachlorophenol  
Concen: 0.172 ng  
RT: 16.693 min Scan# 1695  
Delta R.T. 0.000 min  
Lab File: BN032585.D  
Acq: 09 Jul 2024 13:26



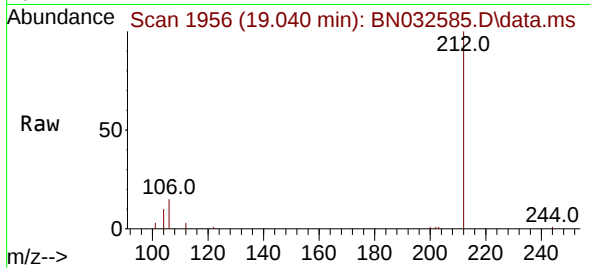
Tgt Ion:266 Resp: 22  
Ion Ratio Lower Upper  
266 100  
264 22.7 49.6 74.4#  
268 95.5 52.2 78.2#



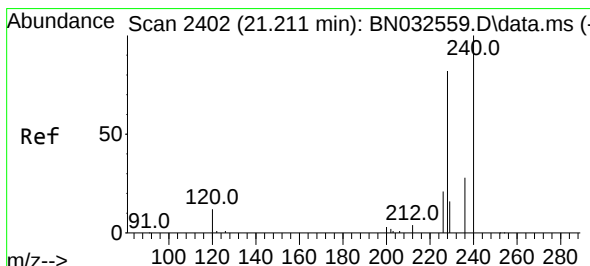
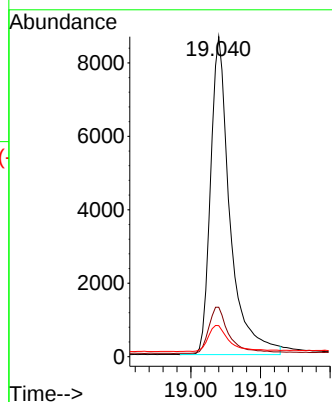
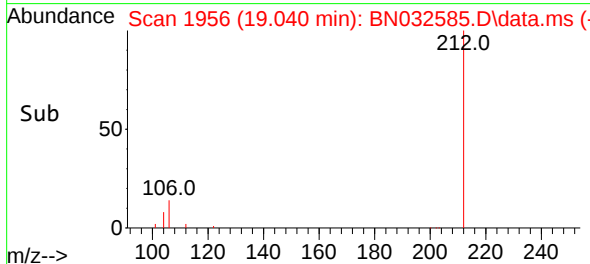


#27  
Fluoranthene-d10  
Concen: 0.362 ng  
RT: 19.040 min Scan# 1957  
Delta R.T. -0.005 min  
Lab File: BN032585.D  
Acq: 09 Jul 2024 13:26

Instrument :  
BNA\_N  
ClientSampleId :

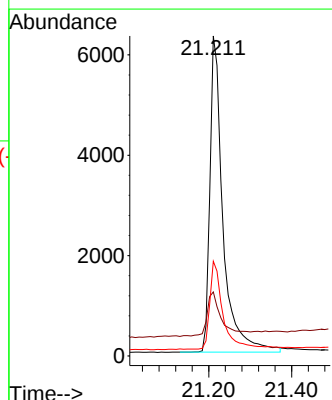
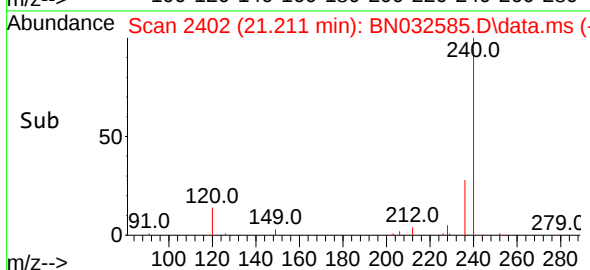
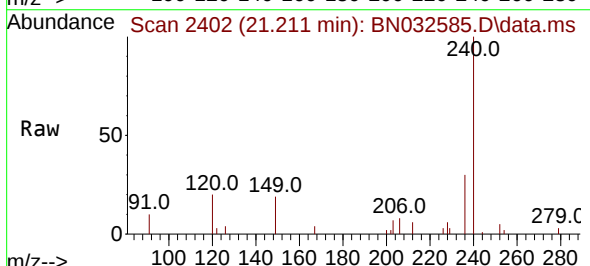


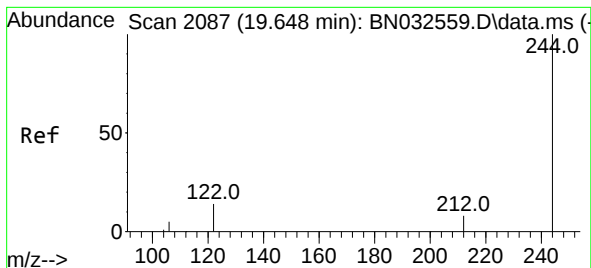
Tgt Ion:212 Resp: 16743  
Ion Ratio Lower Upper  
212 100  
106 15.4 11.8 17.8  
104 8.8 6.9 10.3



#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.211 min Scan# 2402  
Delta R.T. 0.000 min  
Lab File: BN032585.D  
Acq: 09 Jul 2024 13:26

Tgt Ion:240 Resp: 13822  
Ion Ratio Lower Upper  
240 100  
120 20.0 13.0 19.4#  
236 29.6 23.1 34.7





#31

Terphenyl-d14

Concen: 0.428 ng

RT: 19.630 min Scan# 2087

Delta R.T. -0.019 min

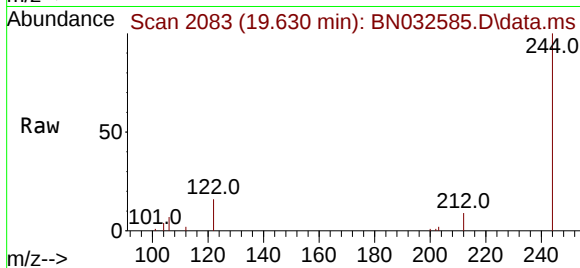
Lab File: BN032585.D

Acq: 09 Jul 2024 13:26

Instrument :

BNA\_N

ClientSampleId :



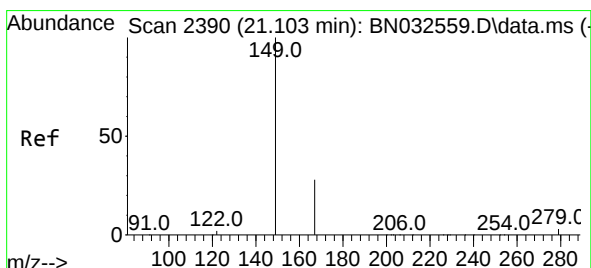
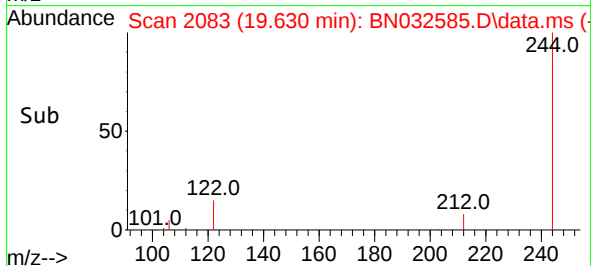
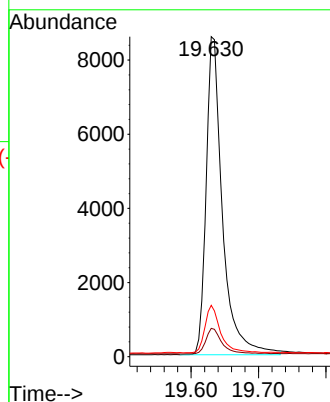
Tgt Ion:244 Resp: 14433

Ion Ratio Lower Upper

244 100

212 8.9 7.2 10.8

122 16.0 12.1 18.1



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.117 ng

RT: 21.095 min Scan# 2389

Delta R.T. -0.009 min

Lab File: BN032585.D

Acq: 09 Jul 2024 13:26

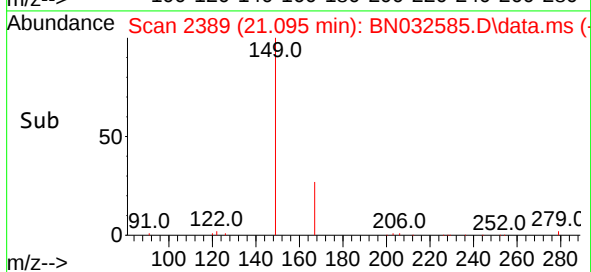
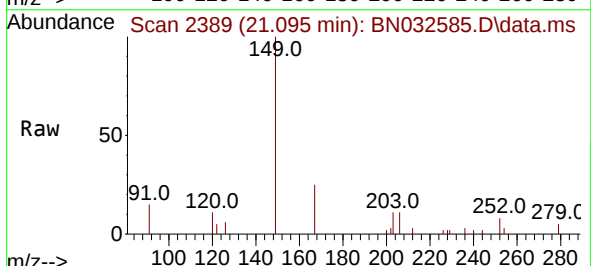
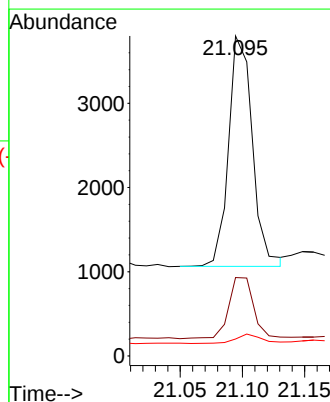
Tgt Ion:149 Resp: 3631

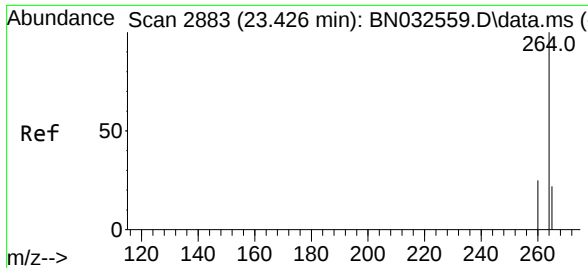
Ion Ratio Lower Upper

149 100

167 28.1 21.6 32.4

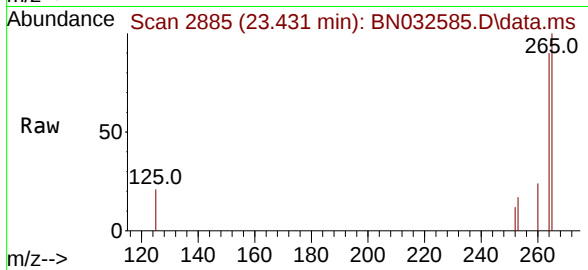
279 4.4 3.0 4.6





#35  
Perylene-d12  
Concen: 0.400 ng  
RT: 23.431 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: BN032585.D  
Acq: 09 Jul 2024 13:26

Instrument :  
BNA\_N  
ClientSampleId :



Tgt Ion:264 Resp: 14600  
Ion Ratio Lower Upper  
264 100  
260 26.4 21.0 31.6  
265 110.8 76.6 115.0

