

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN070824\  
 Data File : BN032553.D  
 Acq On : 08 Jul 2024 16:08  
 Operator : MA/JU  
 Sample : P3156-03  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 EB-01-070224

Quant Time: Jul 08 17:11:15 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN061024.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jul 08 15:11:21 2024  
 Response via : Initial Calibration

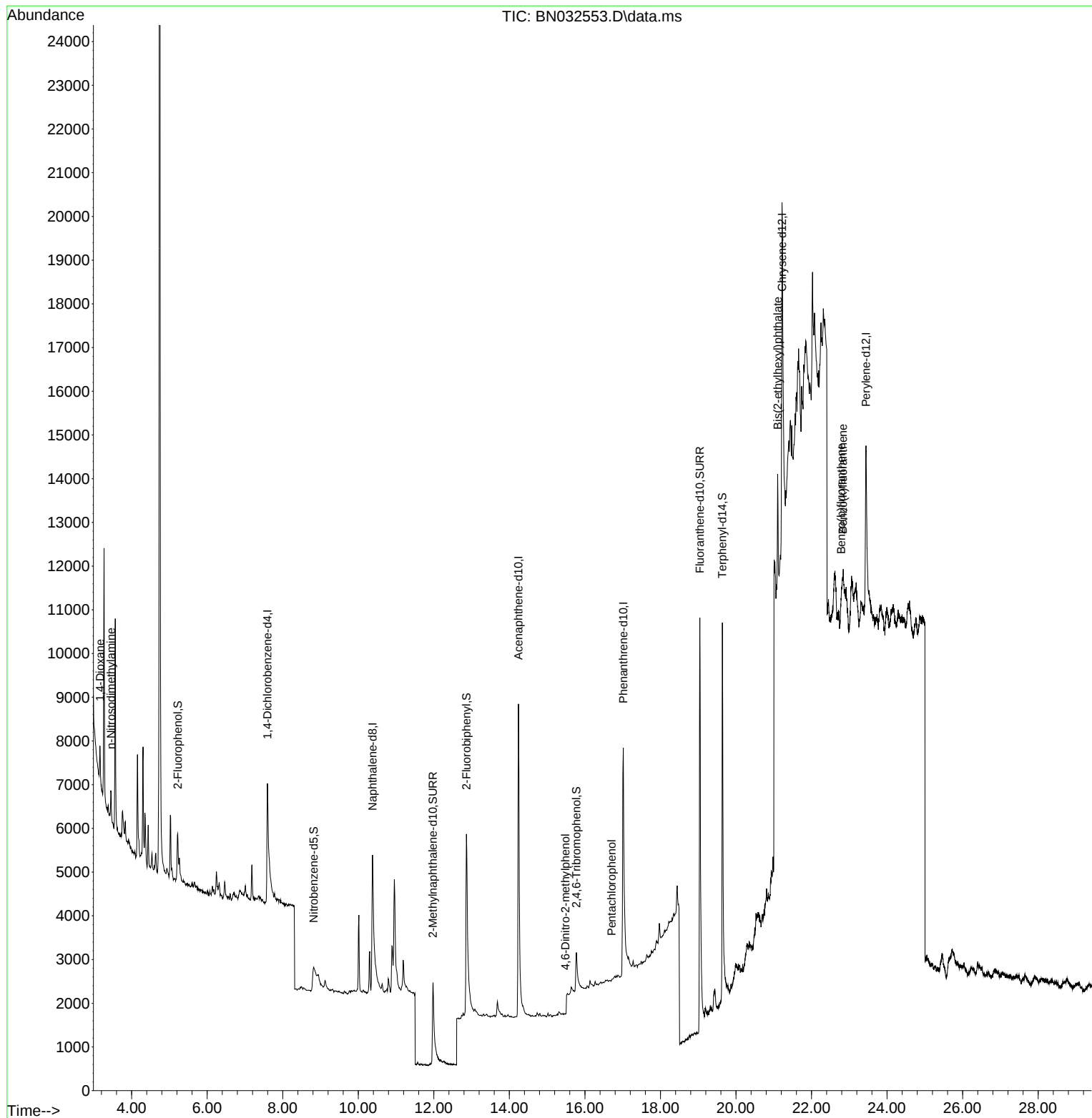
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.595  | 152  | 2423     | 0.400 | ng    | 0.01     |
| 7) Naphthalene-d8             | 10.378 | 136  | 9261     | 0.400 | ng    | # 0.02   |
| 13) Acenaphthene-d10          | 14.242 | 164  | 6584     | 0.400 | ng    | 0.02     |
| 19) Phenanthrene-d10          | 17.016 | 188  | 13876    | 0.400 | ng    | # 0.02   |
| 29) Chrysene-d12              | 21.220 | 240  | 12148    | 0.400 | ng    | # 0.02   |
| 35) Perylene-d12              | 23.443 | 264  | 7391     | 0.400 | ng    | # 0.02   |
|                               |        |      |          |       |       |          |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.219  | 112  | 1541     | 0.224 | ng    | 0.02     |
| 5) Phenol-d6                  | 6.722  | 99   | 6        | 0.001 | ng    | -0.06    |
| 8) Nitrobenzene-d5            | 8.819  | 82   | 1259     | 0.164 | ng    | 0.07     |
| 11) 2-Methylnaphthalene-d10   | 11.979 | 152  | 5049     | 0.342 | ng    | 0.02     |
| 14) 2,4,6-Tribromophenol      | 15.775 | 330  | 1005     | 0.318 | ng    | 0.02     |
| 15) 2-Fluorobiphenyl          | 12.863 | 172  | 7965     | 0.319 | ng    | 0.02     |
| 27) Fluoranthene-d10          | 19.044 | 212  | 15776    | 0.418 | ng    | 0.01     |
| 31) Terphenyl-d14             | 19.639 | 244  | 12446    | 0.419 | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| Target Compounds              |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.161  | 88   | 502      | 0.169 | ng    | # 17     |
| 3) n-Nitrosodimethylamine     | 3.457  | 42   | 95       | 0.034 | ng    | # 1      |
| 20) 4,6-Dinitro-2-methylph... | 15.482 | 198  | 3        | 0.176 | ng    | # 1      |
| 24) Pentachlorophenol         | 16.706 | 266  | 12       | 0.173 | ng    | # 4      |
| 34) Bis(2-ethylhexyl)phtha... | 21.103 | 149  | 2912     | 0.093 | ng    | # 96     |
| 37) Benzo(b)fluoranthene      | 22.782 | 252  | 743      | 0.028 | ng    | # 1      |
| 38) Benzo(k)fluoranthene      | 22.829 | 252  | 906      | 0.036 | ng    | # 1      |
| -----                         |        |      |          |       |       |          |

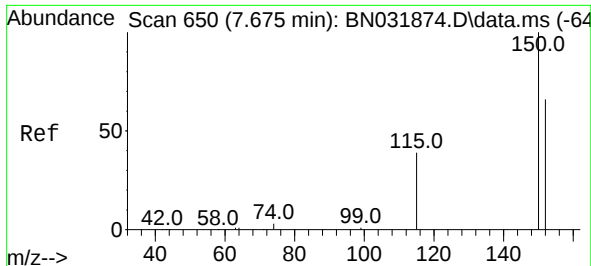
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN070824\  
Data File : BN032553.D  
Acq On : 08 Jul 2024 16:08  
Operator : MA/JU  
Sample : P3156-03  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
EB-01-070224

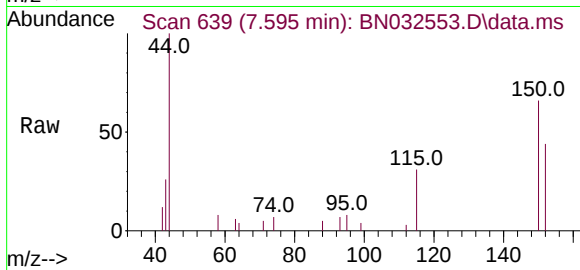
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN061024.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Jul 08 15:11:21 2024  
Response via : Initial Calibration



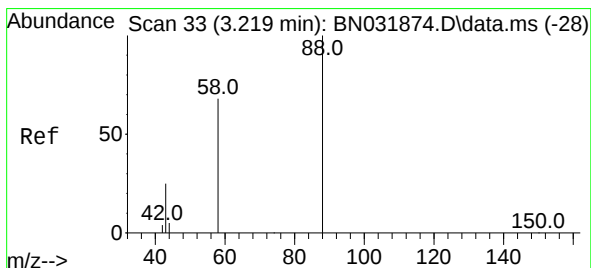
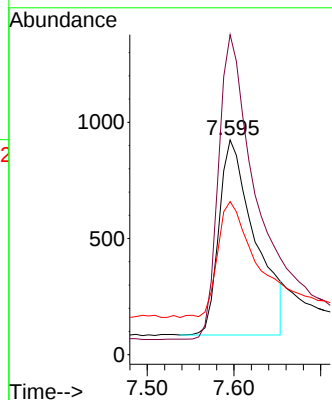
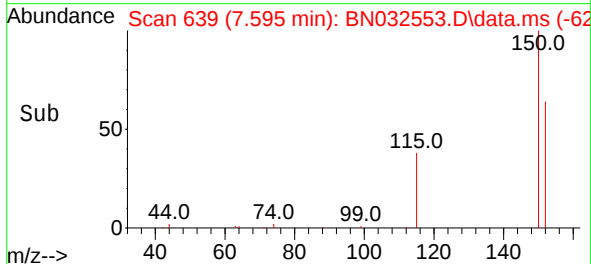


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.595 min Scan# 61  
 Delta R.T. 0.014 min  
 Lab File: BN032553.D  
 Acq: 08 Jul 2024 16:08

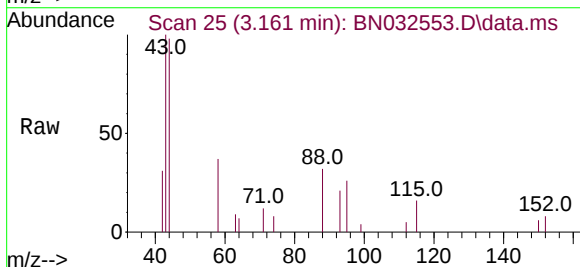
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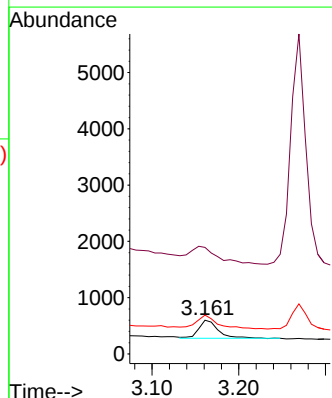
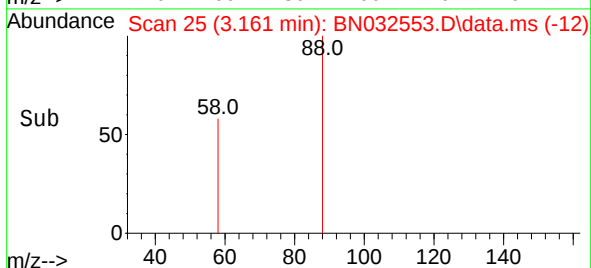
Tgt Ion: 152 Resp: 2423  
 Ion Ratio Lower Upper  
 152 100  
 150 149.0 121.0 181.4  
 115 71.3 49.4 74.0

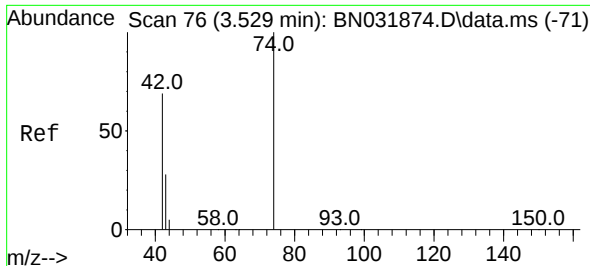


#2  
 1,4-Dioxane  
 Concen: 0.169 ng  
 RT: 3.161 min Scan# 25  
 Delta R.T. -0.007 min  
 Lab File: BN032553.D  
 Acq: 08 Jul 2024 16:08



Tgt Ion: 88 Resp: 502  
 Ion Ratio Lower Upper  
 88 100  
 43 141.8 22.7 34.1#  
 58 83.9 51.3 76.9#

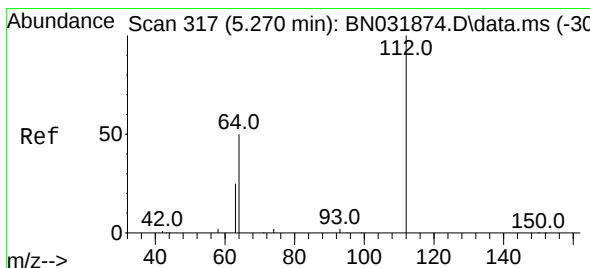
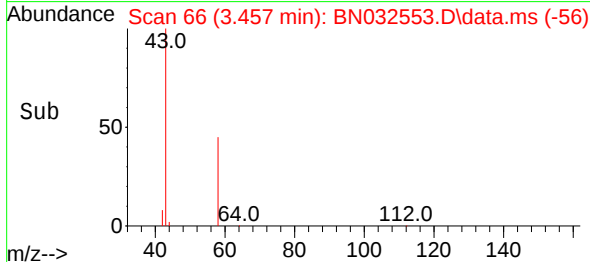
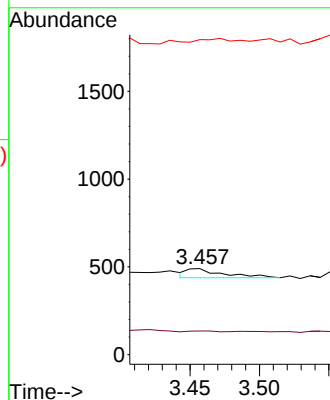
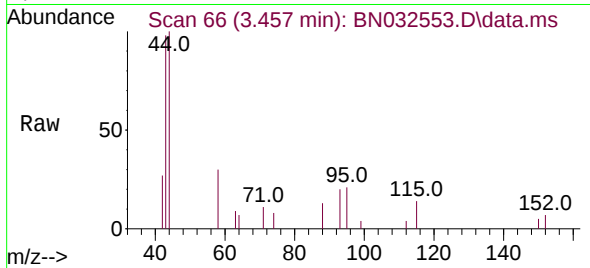




#3  
n-Nitrosodimethylamine  
Concen: 0.034 ng  
RT: 3.457 min Scan# 61  
Delta R.T. -0.029 min  
Lab File: BN032553.D  
Acq: 08 Jul 2024 16:08

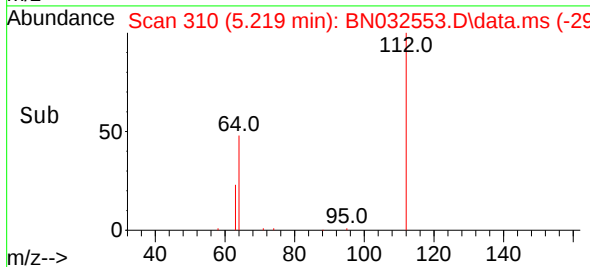
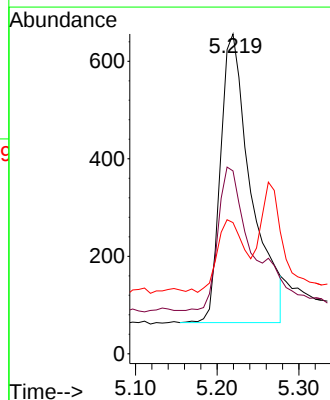
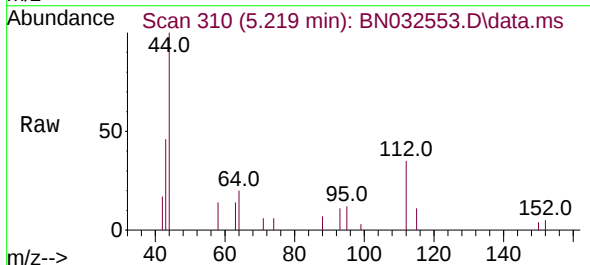
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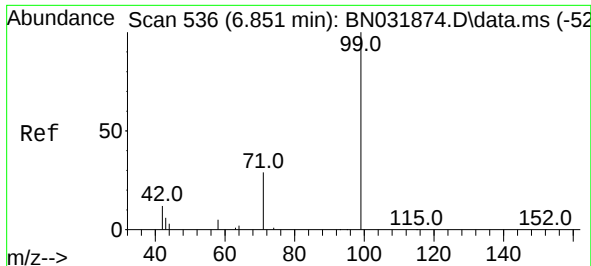
Tgt Ion: 42 Resp: 95  
Ion Ratio Lower Upper  
42 100  
74 10.5 125.2 187.8#  
44 0.0 6.9 10.3#



#4  
2-Fluorophenol  
Concen: 0.224 ng  
RT: 5.219 min Scan# 310  
Delta R.T. 0.022 min  
Lab File: BN032553.D  
Acq: 08 Jul 2024 16:08

Tgt Ion: 112 Resp: 1541  
Ion Ratio Lower Upper  
112 100  
64 54.2 42.4 63.6  
63 21.9 22.1 33.1#

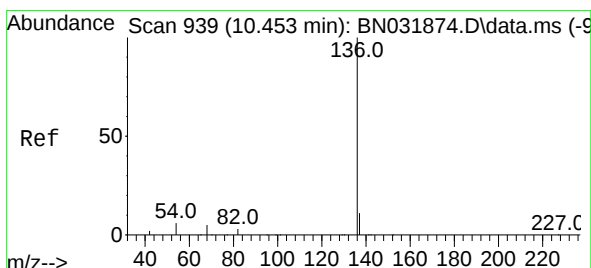
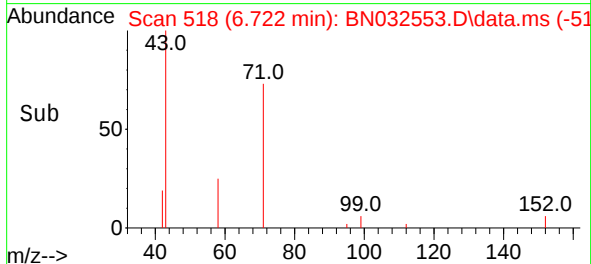
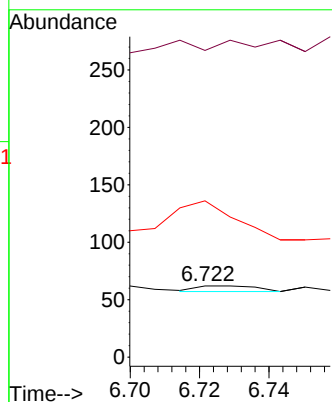
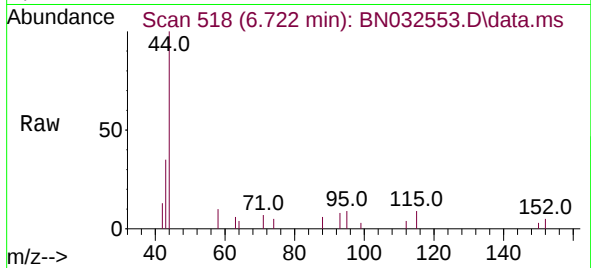




#5  
Phenol-d6  
Concen: 0.001 ng  
RT: 6.722 min Scan# 518  
Delta R.T. -0.065 min  
Lab File: BN032553.D  
Acq: 08 Jul 2024 16:08

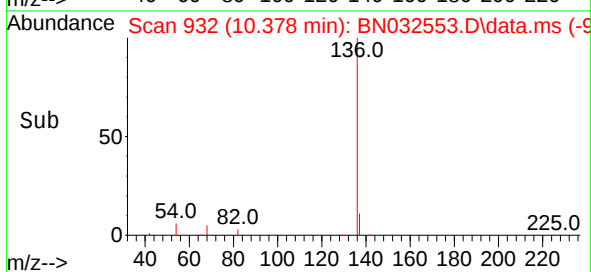
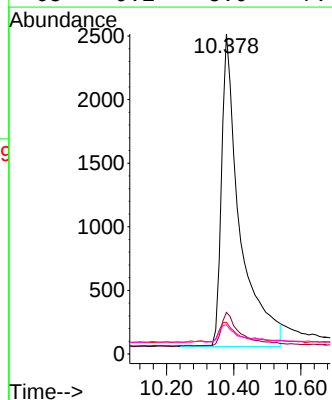
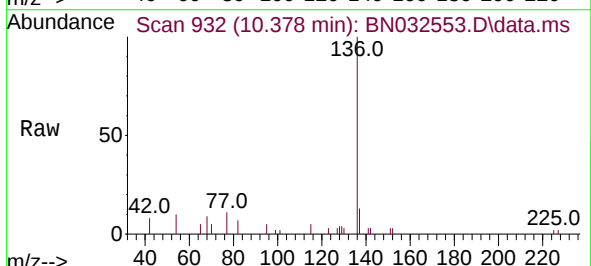
Instrument :  
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ClientSampleId :  
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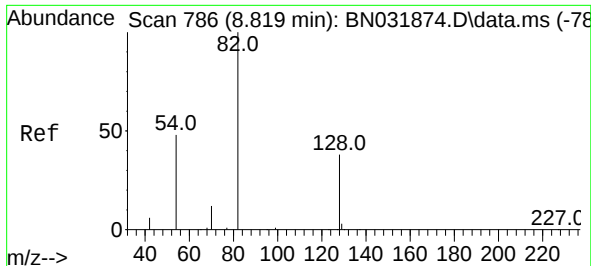
Tgt Ion: 99 Resp: 6  
Ion Ratio Lower Upper  
99 100  
42 83.3 12.8 19.2#  
71 0.0 25.4 38.2#



#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.378 min Scan# 932  
Delta R.T. 0.021 min  
Lab File: BN032553.D  
Acq: 08 Jul 2024 16:08

Tgt Ion: 136 Resp: 9261  
Ion Ratio Lower Upper  
136 100  
137 13.0 8.9 13.3  
54 9.9 5.6 8.4#  
68 9.1 5.0 7.4#

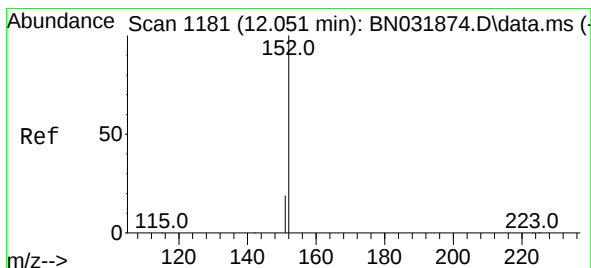
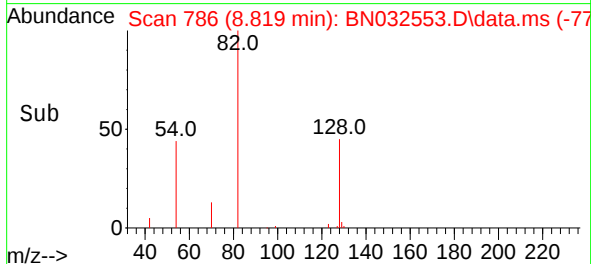
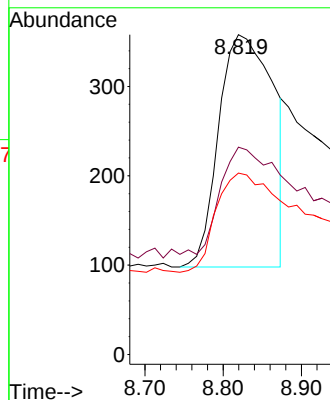
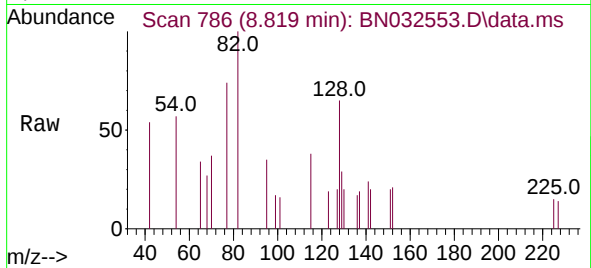




#8  
Nitrobenzene-d5  
Concen: 0.164 ng  
RT: 8.819 min Scan# 71  
Delta R.T. 0.075 min  
Lab File: BN032553.D  
Acq: 08 Jul 2024 16:08

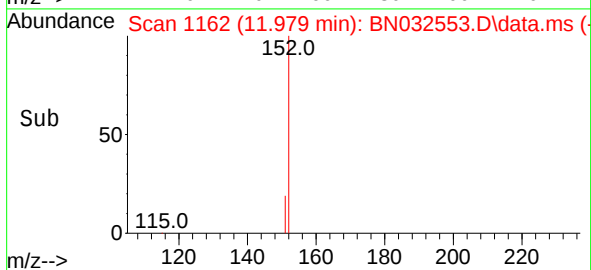
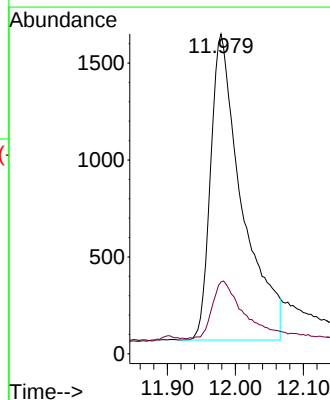
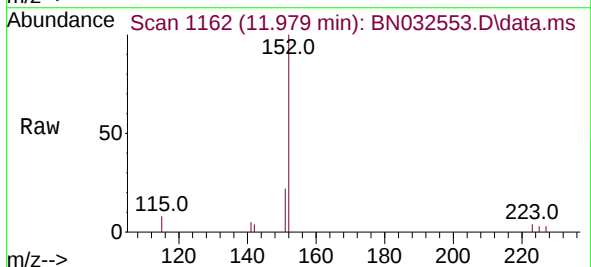
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ClientSampleId :  
EB-01-070224

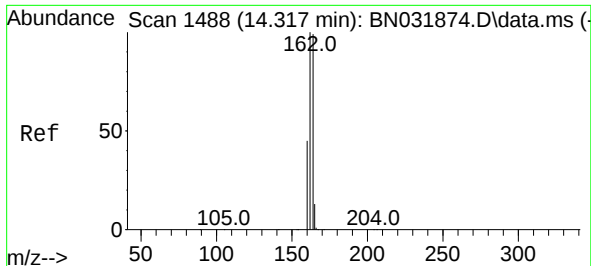
Tgt Ion: 82 Resp: 1259  
Ion Ratio Lower Upper  
82 100  
128 64.8 32.1 48.1#  
54 56.7 39.7 59.5



#11  
2-Methylnaphthalene-d10  
Concen: 0.342 ng  
RT: 11.979 min Scan# 1162  
Delta R.T. 0.023 min  
Lab File: BN032553.D  
Acq: 08 Jul 2024 16:08

Tgt Ion:152 Resp: 5049  
Ion Ratio Lower Upper  
152 100  
151 18.7 16.3 24.5

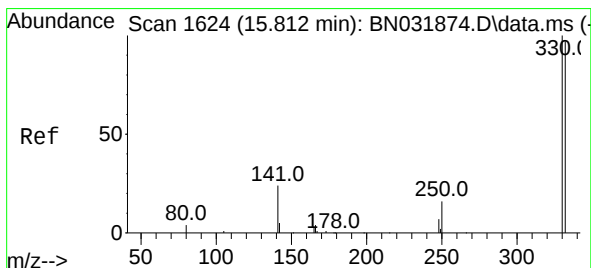
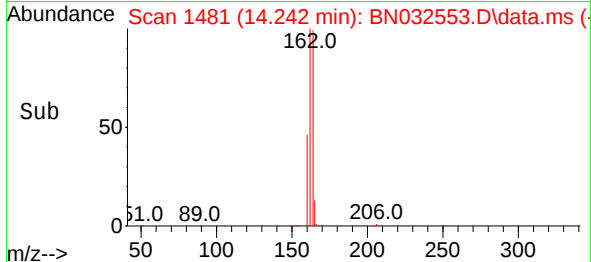
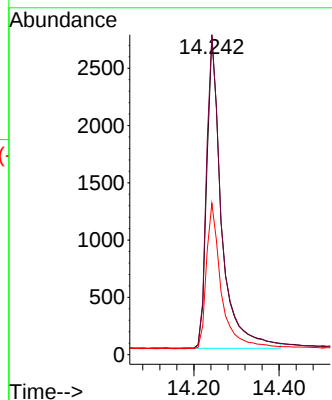
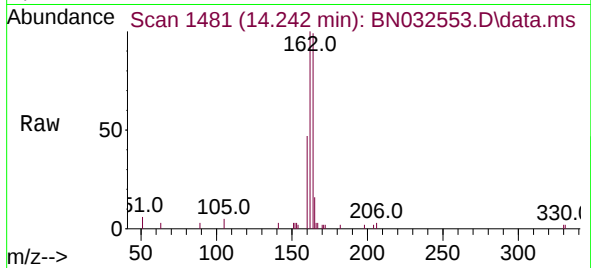




#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.242 min Scan# 1488  
Delta R.T. 0.021 min  
Lab File: BN032553.D  
Acq: 08 Jul 2024 16:08

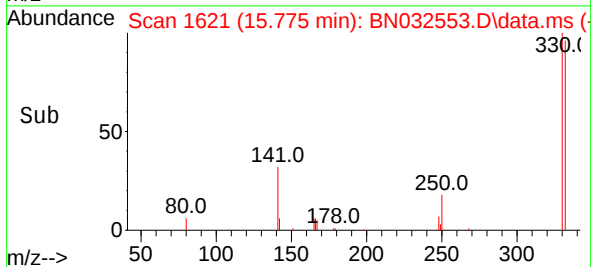
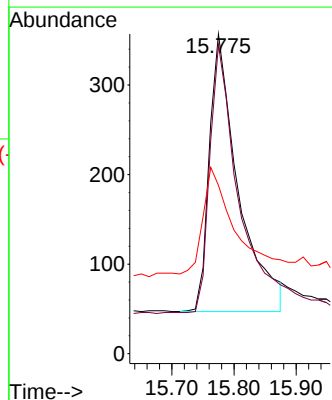
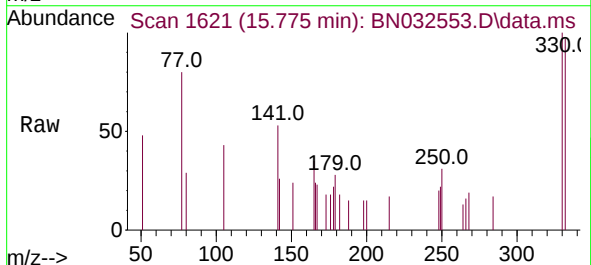
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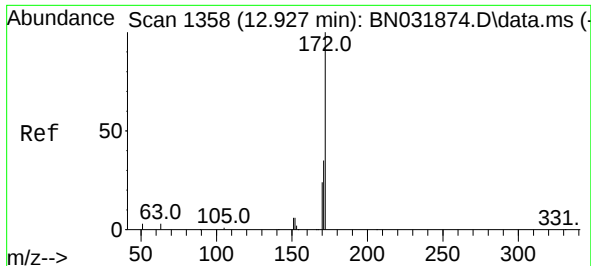
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Ion Ratio Lower Upper  
164 100  
162 100.8 80.7 121.1  
160 47.7 36.2 54.4



#14  
2,4,6-Tribromophenol  
Concen: 0.318 ng  
RT: 15.775 min Scan# 1621  
Delta R.T. 0.025 min  
Lab File: BN032553.D  
Acq: 08 Jul 2024 16:08

Tgt Ion:330 Resp: 1005  
Ion Ratio Lower Upper  
330 100  
332 95.1 77.5 116.3  
141 41.9 34.7 52.1

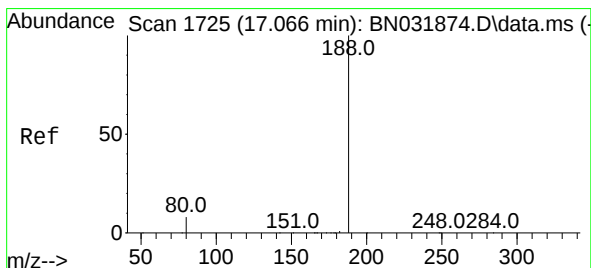
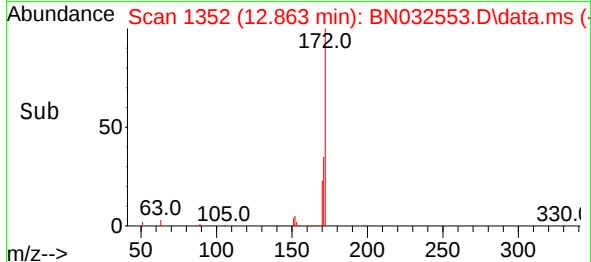
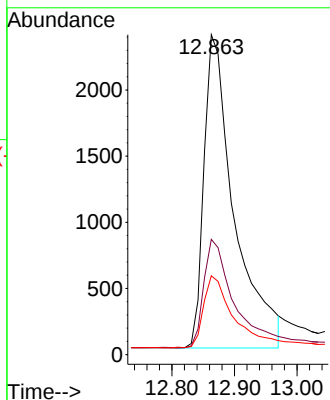
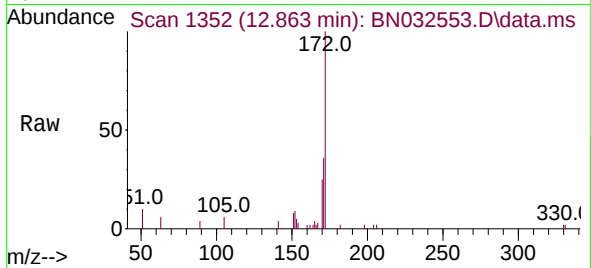




#15  
2-Fluorobiphenyl  
Concen: 0.319 ng  
RT: 12.863 min Scan# 1352  
Delta R.T. 0.021 min  
Lab File: BN032553.D  
Acq: 08 Jul 2024 16:08

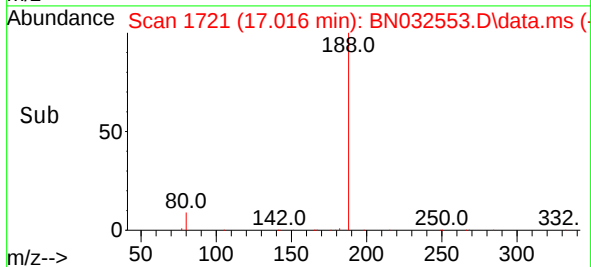
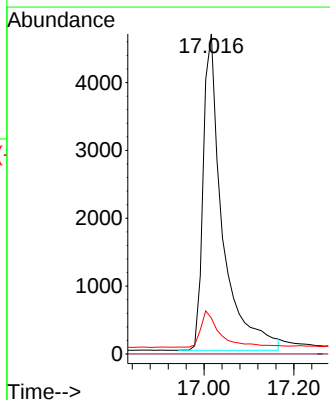
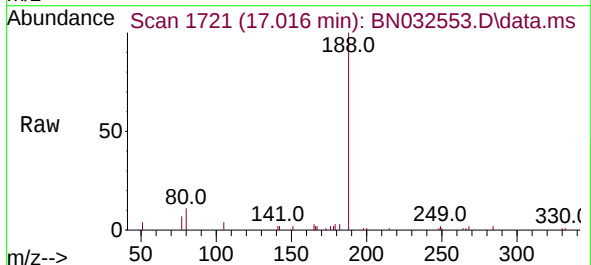
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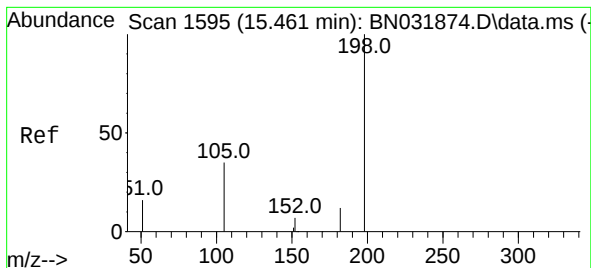
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Ion Ratio Lower Upper  
172 100  
171 36.1 28.6 42.8  
170 24.6 19.2 28.8



#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.016 min Scan# 1721  
Delta R.T. 0.025 min  
Lab File: BN032553.D  
Acq: 08 Jul 2024 16:08

Tgt Ion:188 Resp: 13876  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 11.3 6.4 9.6#

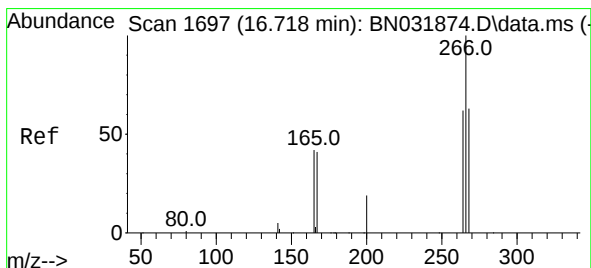
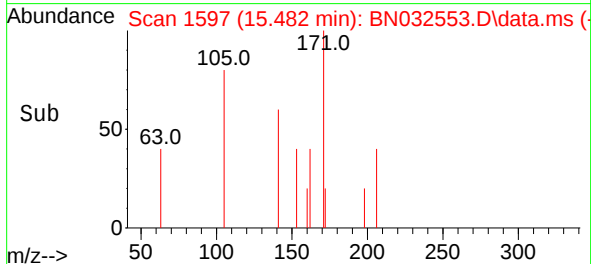
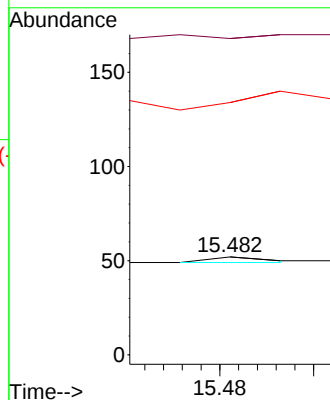
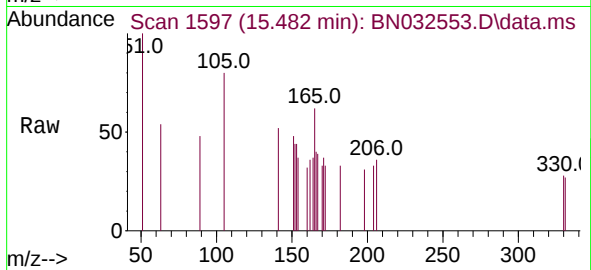




#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.176 ng  
RT: 15.482 min Scan# 1597  
Delta R.T. 0.053 min  
Lab File: BN032553.D  
Acq: 08 Jul 2024 16:08

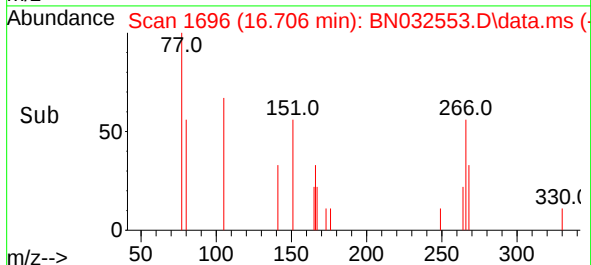
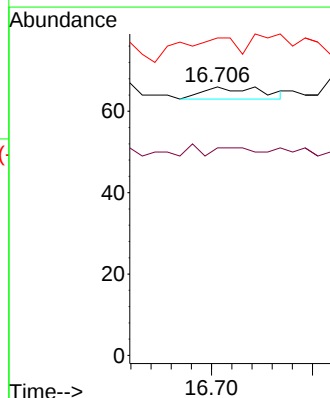
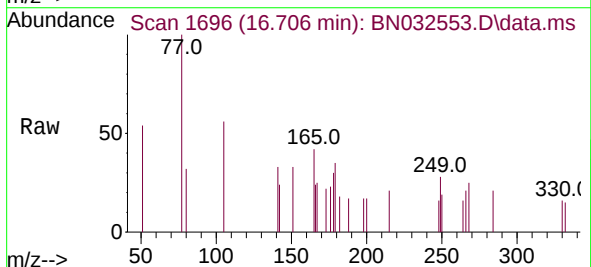
Instrument :  
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ClientSampleId :  
EB-01-070224

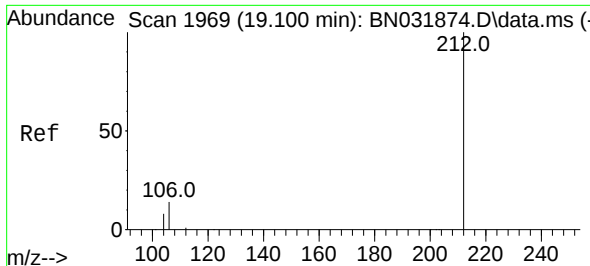
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Ion Ratio Lower Upper  
198 100  
51 323.1 42.7 64.1#  
105 257.7 41.8 62.8#



#24  
Pentachlorophenol  
Concen: 0.173 ng  
RT: 16.706 min Scan# 1696  
Delta R.T. 0.050 min  
Lab File: BN032553.D  
Acq: 08 Jul 2024 16:08

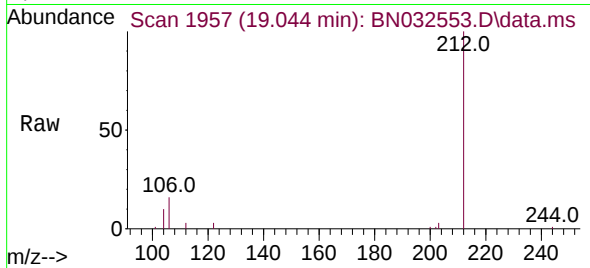
Tgt Ion:266 Resp: 12  
Ion Ratio Lower Upper  
266 100  
264 50.0 50.0 75.0  
268 200.0 51.0 76.6#



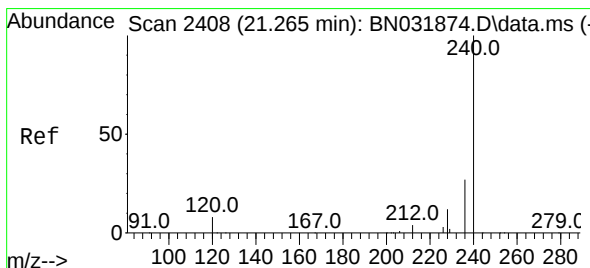
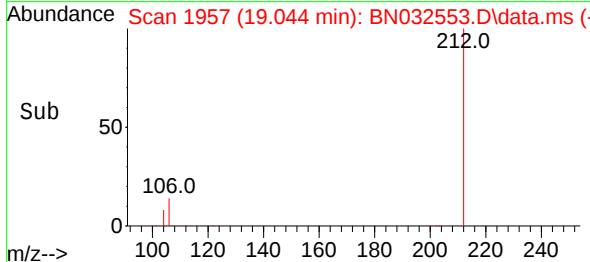
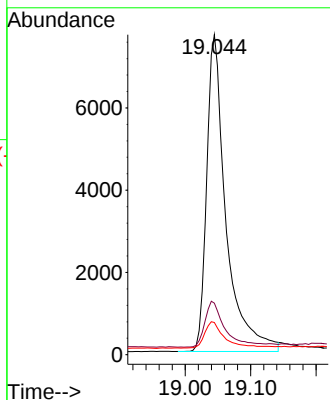


#27  
Fluoranthene-d10  
Concen: 0.418 ng  
RT: 19.044 min Scan# 1957  
Delta R.T. 0.014 min  
Lab File: BN032553.D  
Acq: 08 Jul 2024 16:08

Instrument :  
BNA\_N  
ClientSampleId :  
EB-01-070224

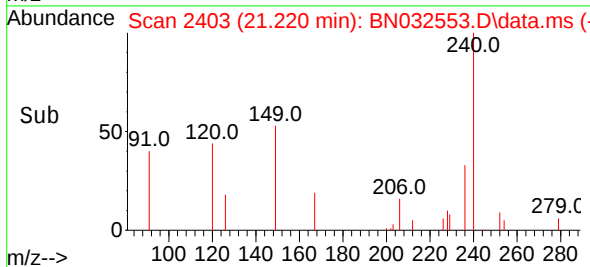
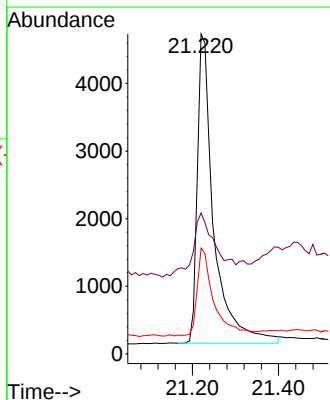
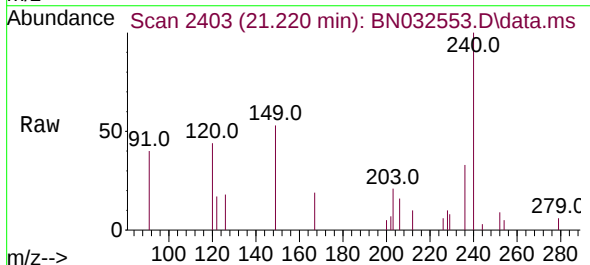


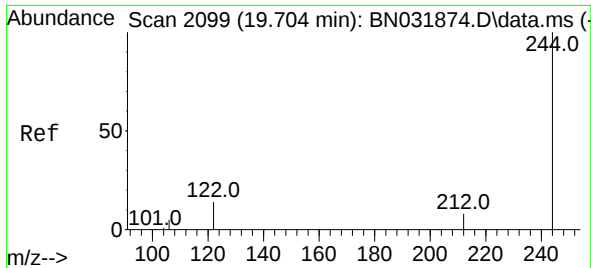
Tgt Ion:212 Resp: 15776  
Ion Ratio Lower Upper  
212 100  
106 15.9 11.8 17.8  
104 8.8 6.6 10.0



#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.220 min Scan# 2403  
Delta R.T. 0.018 min  
Lab File: BN032553.D  
Acq: 08 Jul 2024 16:08

Tgt Ion:240 Resp: 12148  
Ion Ratio Lower Upper  
240 100  
120 44.0 8.2 12.4#  
236 33.1 21.8 32.8#

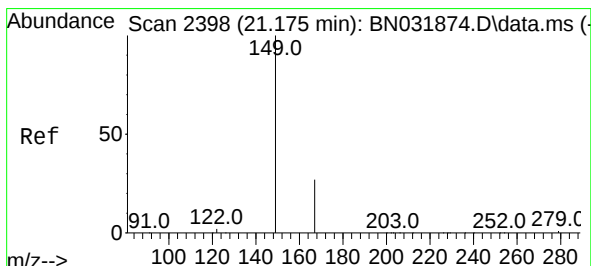
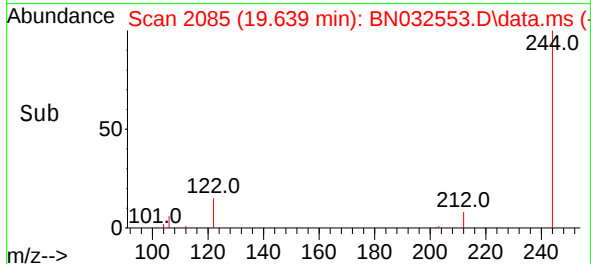
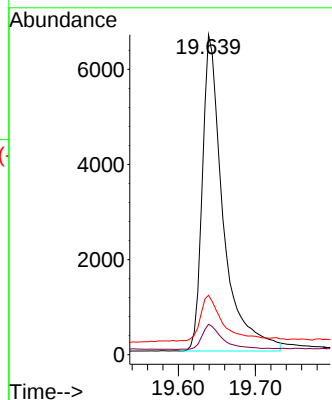
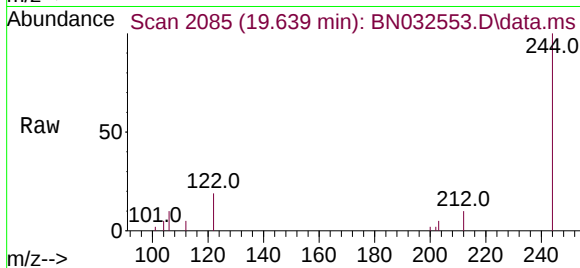




#31  
 Terphenyl-d14  
 Concen: 0.419 ng  
 RT: 19.639 min Scan# 2099  
 Delta R.T. 0.005 min  
 Lab File: BN032553.D  
 Acq: 08 Jul 2024 16:08

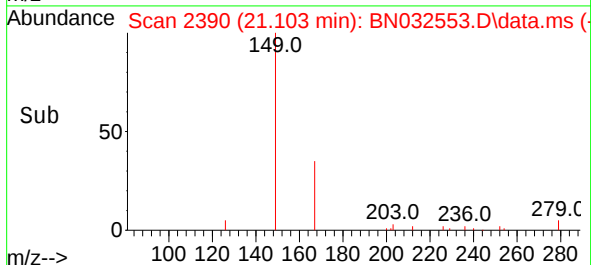
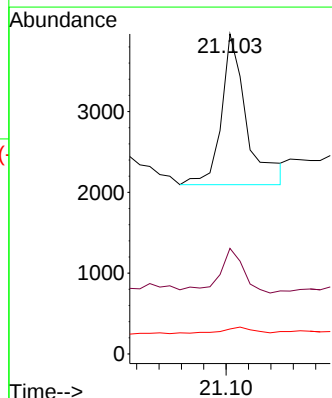
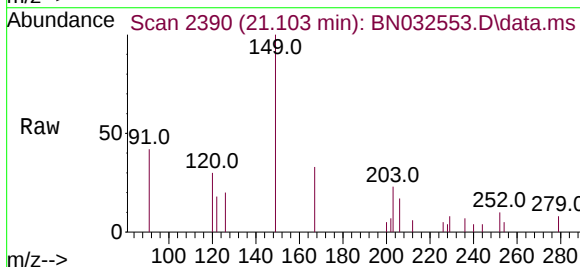
Instrument :  
 BNA\_N  
 ClientSampleId :  
 EB-01-070224

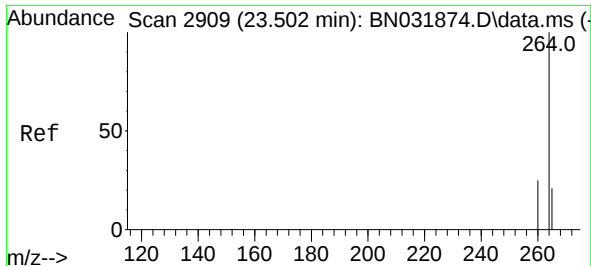
Tgt Ion:244 Resp: 12446  
 Ion Ratio Lower Upper  
 244 100  
 212 9.5 6.5 9.7  
 122 18.5 11.4 17.0#



#34  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.093 ng  
 RT: 21.103 min Scan# 2390  
 Delta R.T. 0.000 min  
 Lab File: BN032553.D  
 Acq: 08 Jul 2024 16:08

Tgt Ion:149 Resp: 2912  
 Ion Ratio Lower Upper  
 149 100  
 167 25.9 22.5 33.7  
 279 5.4 2.9 4.3#





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.443 min Scan# 21

Delta R.T. 0.023 min

Lab File: BN032553.D

Acq: 08 Jul 2024 16:08

Instrument :

BNA\_N

ClientSampleId :

EB-01-070224

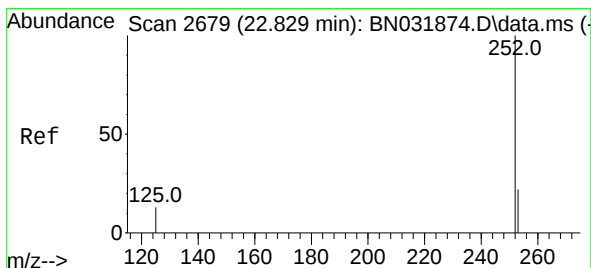
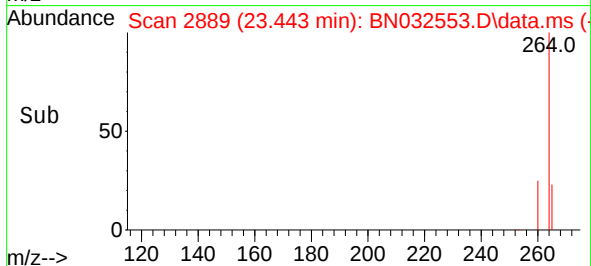
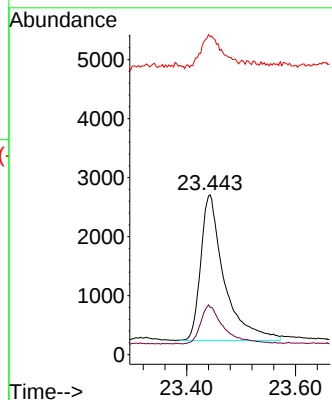
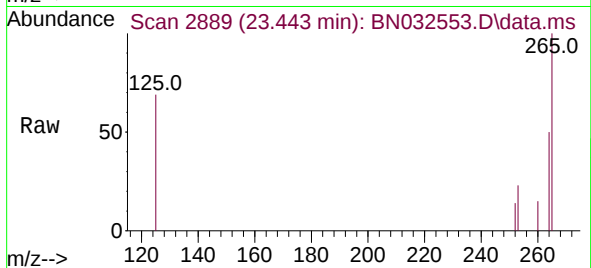
Tgt Ion:264 Resp: 7391

Ion Ratio Lower Upper

264 100

260 29.6 20.5 30.7

265 199.0 39.6 59.4#



#37

Benzo(b)fluoranthene

Concen: 0.028 ng

RT: 22.782 min Scan# 2663

Delta R.T. 0.029 min

Lab File: BN032553.D

Acq: 08 Jul 2024 16:08

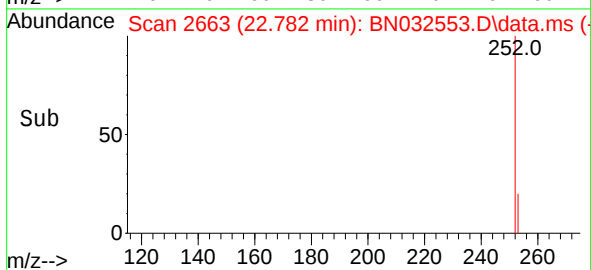
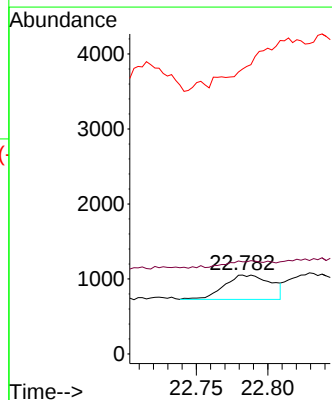
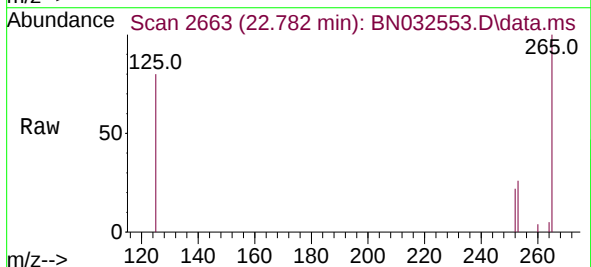
Tgt Ion:252 Resp: 743

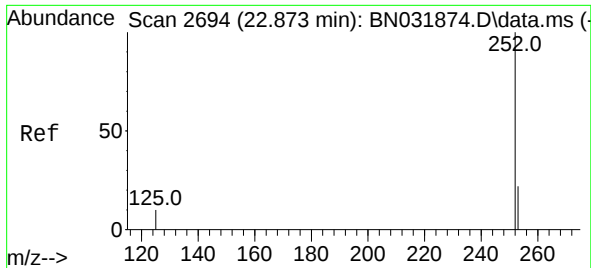
Ion Ratio Lower Upper

252 100

253 116.9 20.2 30.2#

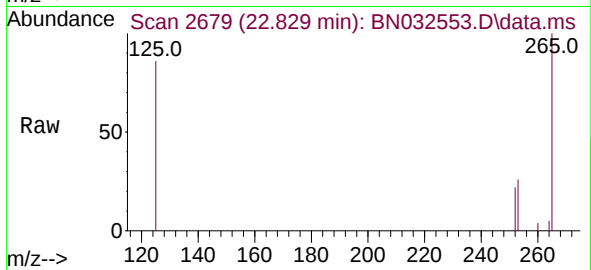
125 361.6 14.2 21.4#





#38  
Benzo(k)fluoranthene  
Concen: 0.036 ng  
RT: 22.829 min Scan# 20  
Delta R.T. 0.032 min  
Lab File: BN032553.D  
Acq: 08 Jul 2024 16:08

Instrument :  
BNA\_N  
ClientSampleId :  
EB-01-070224



Tgt Ion:252 Resp: 906  
Ion Ratio Lower Upper  
252 100  
253 115.4 19.9 29.9#  
125 382.9 13.0 19.4#

