

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN090624\  
 Data File : BN033781.D  
 Acq On : 06 Sep 2024 14:18  
 Operator : MA/JU  
 Sample : P3815-01  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 OWBR-05-134.8-083024

Quant Time: Sep 06 15:30:17 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN090424.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Sep 04 18:36:01 2024  
 Response via : Initial Calibration

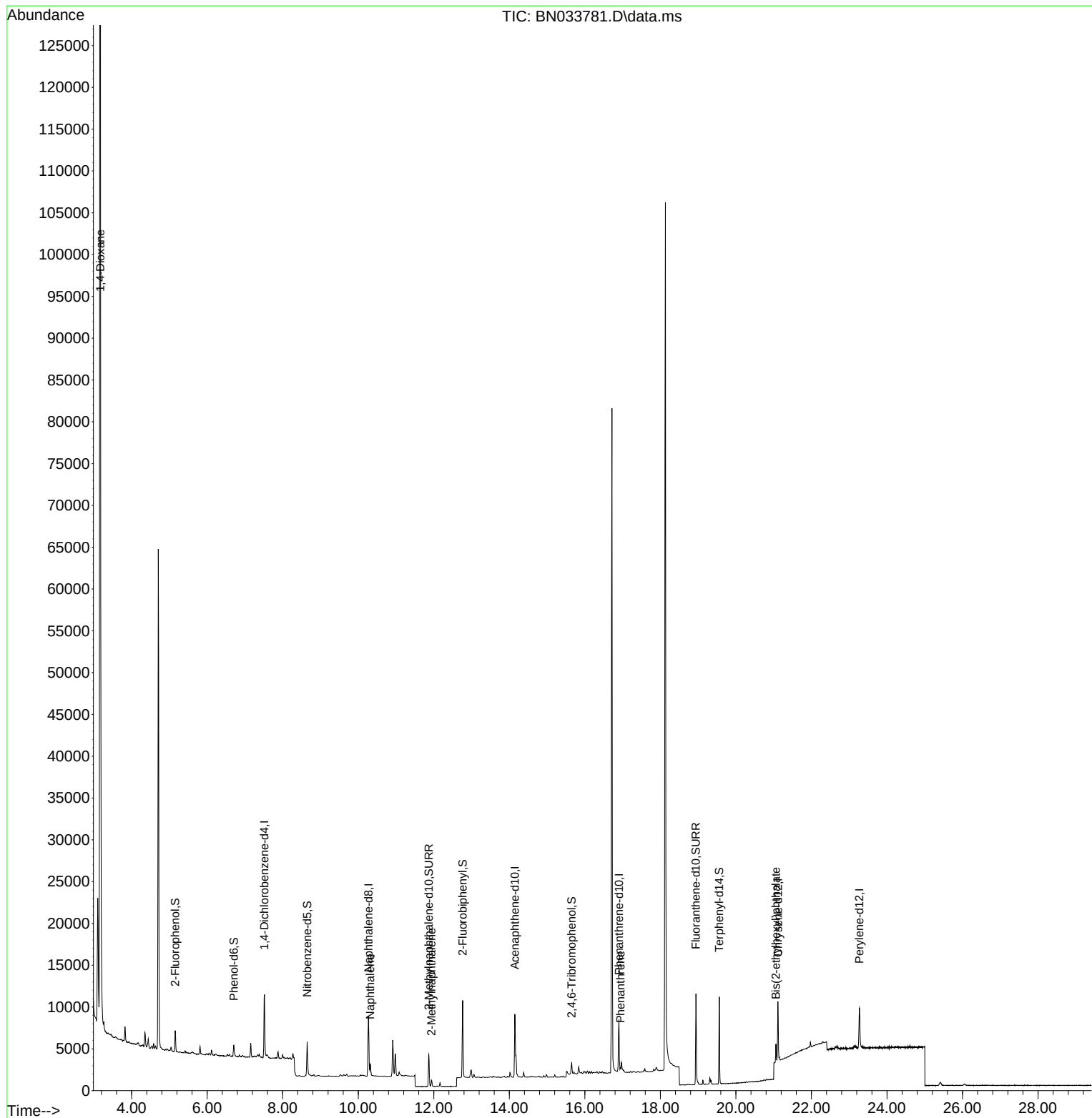
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.516  | 152  | 3702     | 0.400  | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.271 | 136  | 9334     | 0.400  | ng    | 0.00     |
| 13) Acenaphthene-d10          | 14.146 | 164  | 4428     | 0.400  | ng    | -0.01    |
| 19) Phenanthrene-d10          | 16.904 | 188  | 8556     | 0.400  | ng    | 0.00     |
| 29) Chrysene-d12              | 21.112 | 240  | 6369     | 0.400  | ng    | 0.00     |
| 35) Perylene-d12              | 23.271 | 264  | 6501     | 0.400  | ng    | # 0.00   |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 4) 2-Fluorophenol             | 5.154  | 112  | 1787     | 0.158  | ng    | 0.00     |
| 5) Phenol-d6                  | 6.707  | 99   | 1252     | 0.093  | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.649  | 82   | 3193     | 0.402  | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 11.869 | 152  | 5451     | 0.413  | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.651 | 330  | 775      | 0.347  | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 12.767 | 172  | 7849     | 0.425  | ng    | 0.00     |
| 27) Fluoranthene-d10          | 18.942 | 212  | 11818    | 0.560  | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.560 | 244  | 9263     | 0.682  | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.168  | 88   | 153535   | 36.455 | ng    | 98       |
| 9) Naphthalene                | 10.314 | 128  | 2015     | 0.081  | ng    | # 89     |
| 12) 2-Methylnaphthalene       | 11.941 | 142  | 552      | 0.036  | ng    | # 88     |
| 25) Phenanthrene              | 16.942 | 178  | 510      | 0.022  | ng    | # 80     |
| 34) Bis(2-ethylhexyl)phtha... | 21.059 | 149  | 1893     | 0.153  | ng    | # 98     |
| -----                         |        |      |          |        |       |          |

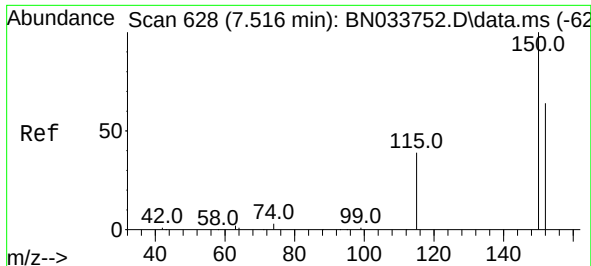
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN090624\  
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Sep 04 18:36:01 2024  
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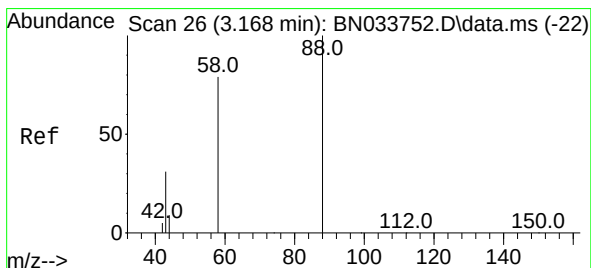
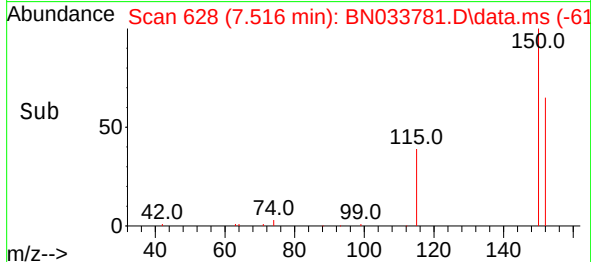
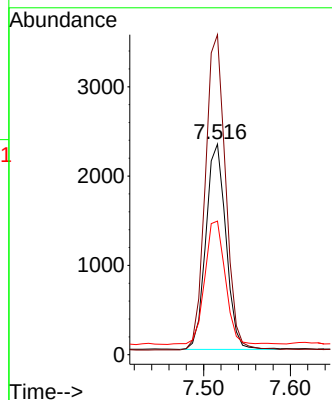
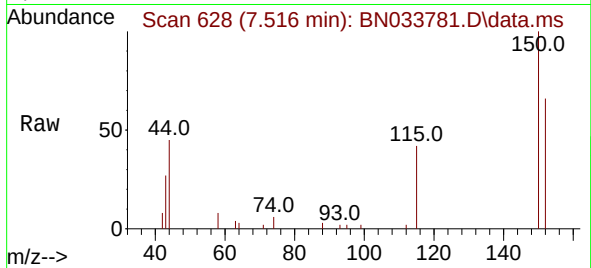




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.516 min Scan# 61  
 Delta R.T. -0.000 min  
 Lab File: BN033781.D  
 Acq: 06 Sep 2024 14:18

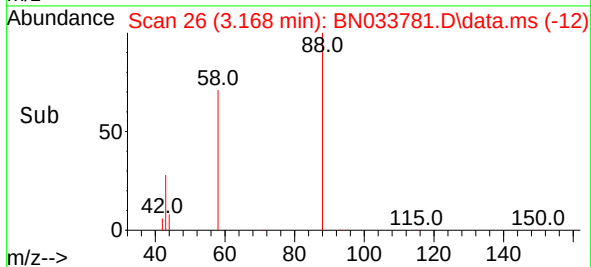
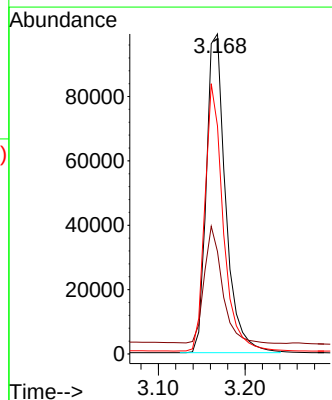
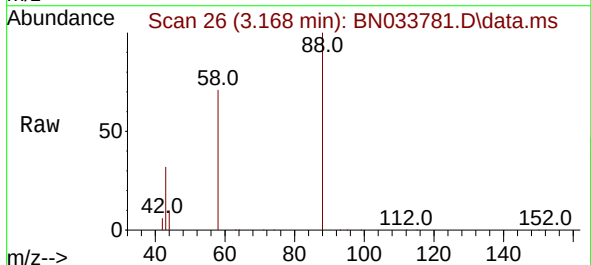
Instrument :  
 BNA\_N  
 ClientSampleId :  
 OWBR-05-134.8-083024

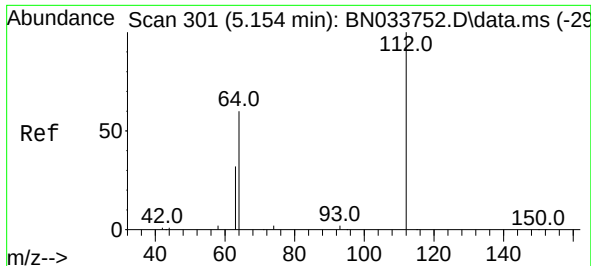
Tgt Ion:152 Resp: 3702  
 Ion Ratio Lower Upper  
 152 100  
 150 152.0 123.3 184.9  
 115 63.5 51.0 76.4



#2  
 1,4-Dioxane  
 Concen: 36.455 ng  
 RT: 3.168 min Scan# 26  
 Delta R.T. 0.000 min  
 Lab File: BN033781.D  
 Acq: 06 Sep 2024 14:18

Tgt Ion: 88 Resp: 153535  
 Ion Ratio Lower Upper  
 88 100  
 43 34.3 29.0 43.4  
 58 79.4 64.1 96.1

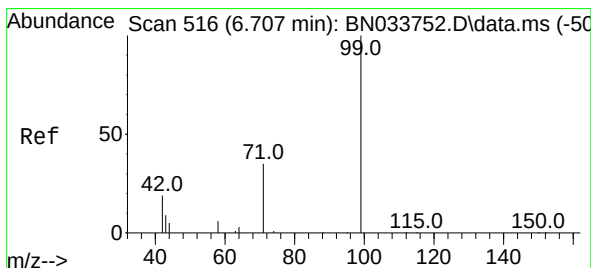
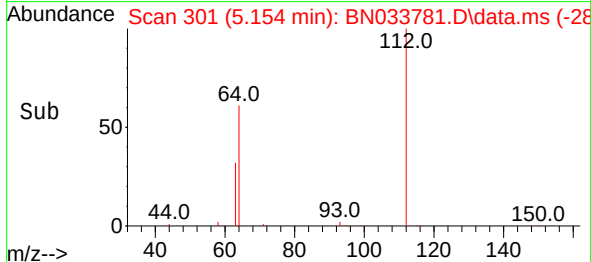
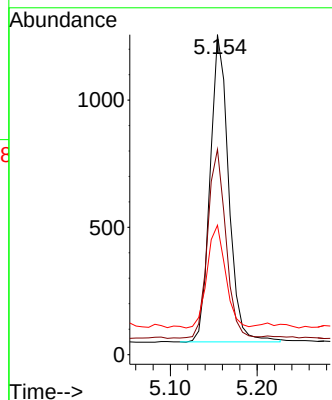
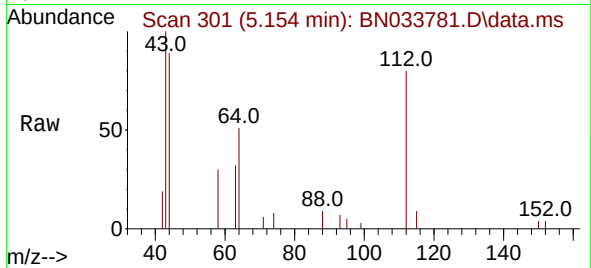




#4  
2-Fluorophenol  
Concen: 0.158 ng  
RT: 5.154 min Scan# 301  
Delta R.T. -0.000 min  
Lab File: BN033781.D  
Acq: 06 Sep 2024 14:18

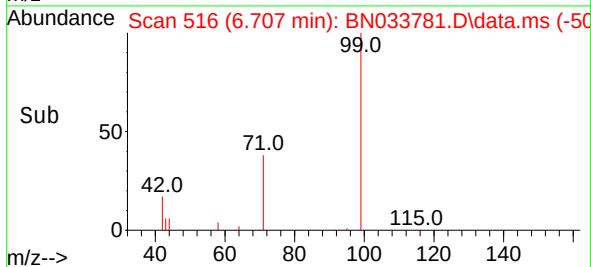
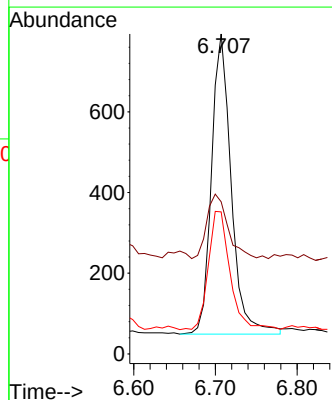
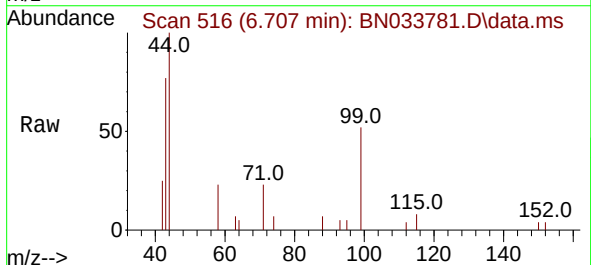
Instrument :  
BNA\_N  
ClientSampleId :  
OWBR-05-134.8-083024

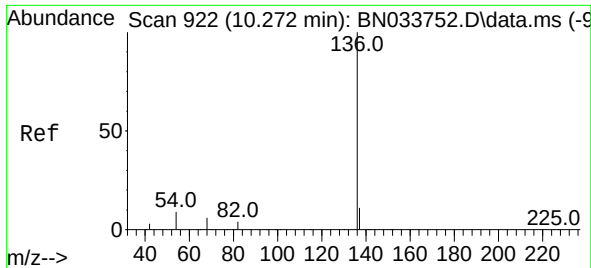
Tgt Ion:112 Resp: 1787  
Ion Ratio Lower Upper  
112 100  
64 60.4 47.6 71.4  
63 33.4 25.9 38.9



#5  
Phenol-d6  
Concen: 0.093 ng  
RT: 6.707 min Scan# 516  
Delta R.T. -0.000 min  
Lab File: BN033781.D  
Acq: 06 Sep 2024 14:18

Tgt Ion: 99 Resp: 1252  
Ion Ratio Lower Upper  
99 100  
42 22.8 18.0 27.0  
71 43.3 28.7 43.1#

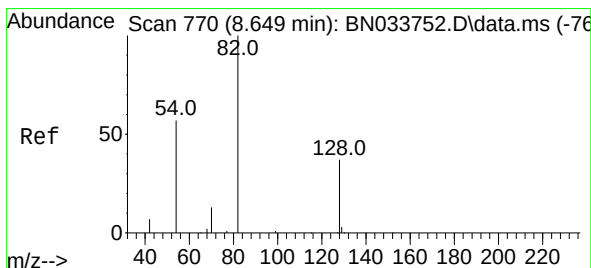
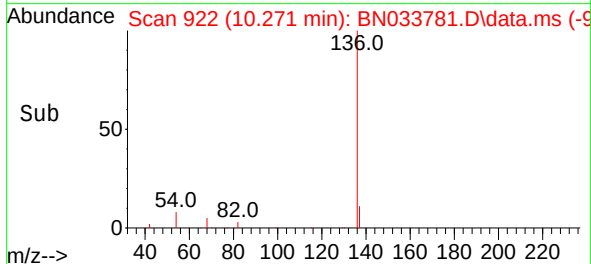
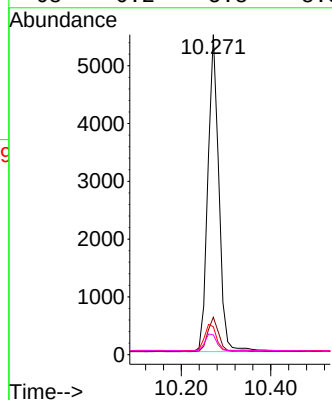
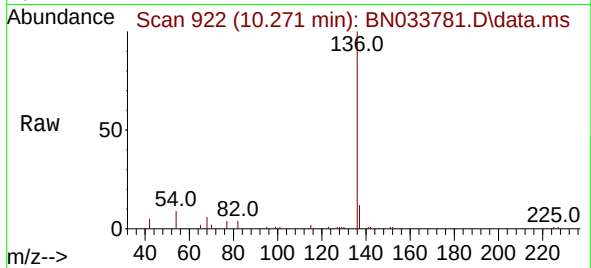




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.271 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: BN033781.D  
Acq: 06 Sep 2024 14:18

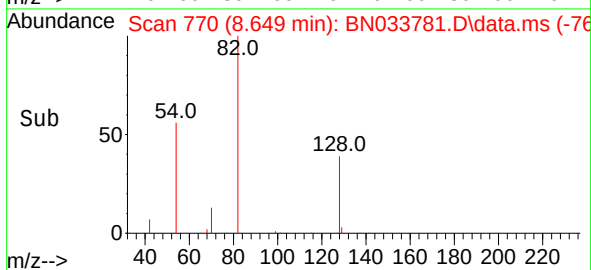
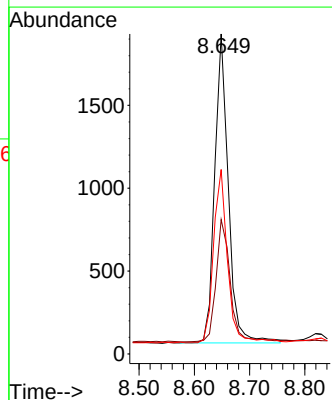
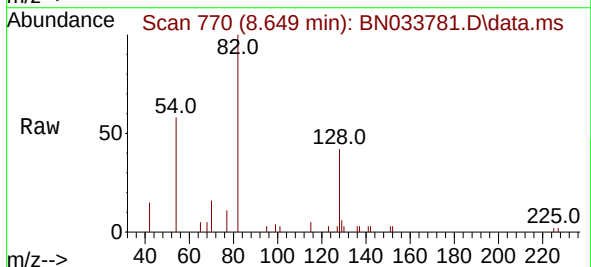
Instrument :  
BNA\_N  
ClientSampleId :  
OWBR-05-134.8-083024

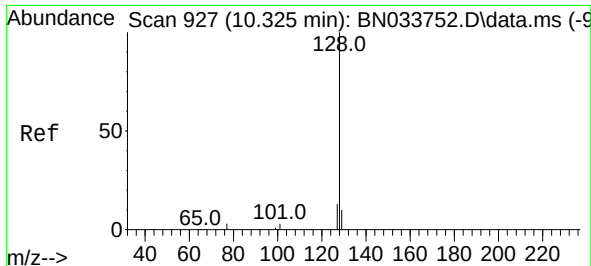
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 9334  |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 11.7  | 9.0   | 13.4  |
| 54       | 8.8   | 8.1   | 12.1  |
| 68       | 6.2   | 5.8   | 8.8   |



#8  
Nitrobenzene-d5  
Concen: 0.402 ng  
RT: 8.649 min Scan# 770  
Delta R.T. -0.000 min  
Lab File: BN033781.D  
Acq: 06 Sep 2024 14:18

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 82    | Resp: | 3193  |
| Ion      | Ratio | Lower | Upper |
| 82       | 100   |       |       |
| 128      | 42.0  | 31.3  | 46.9  |
| 54       | 57.6  | 46.9  | 70.3  |

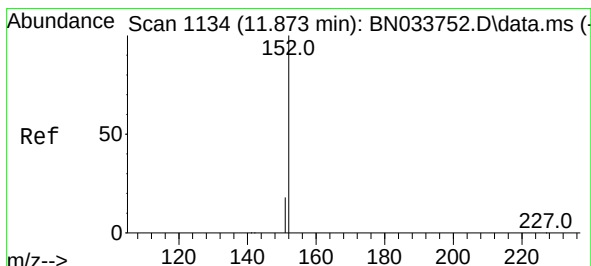
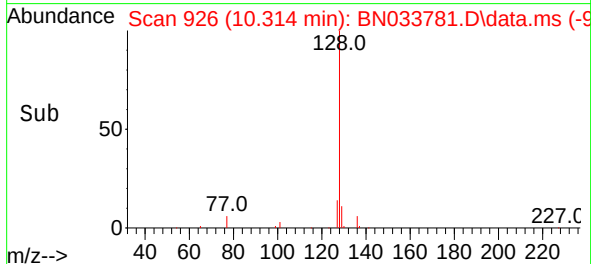
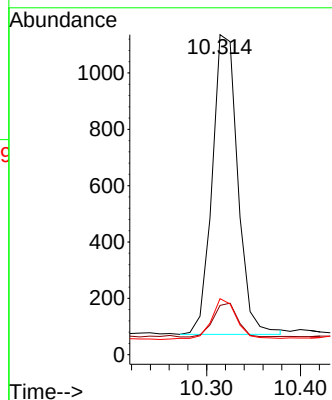
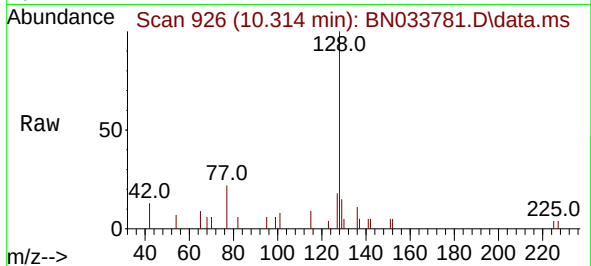




#9  
Naphthalene  
Concen: 0.081 ng  
RT: 10.314 min Scan# 91  
Delta R.T. -0.011 min  
Lab File: BN033781.D  
Acq: 06 Sep 2024 14:18

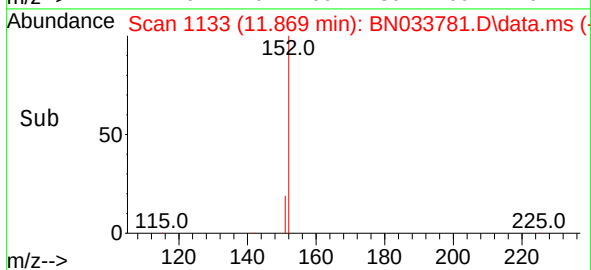
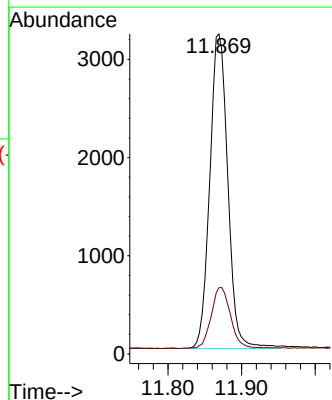
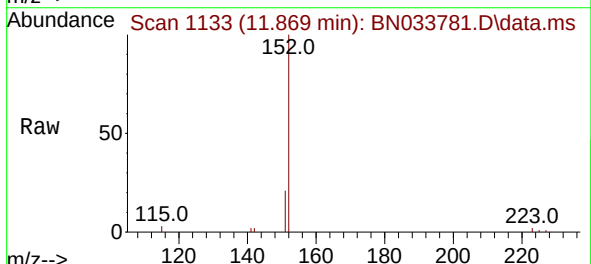
Instrument :  
BNA\_N  
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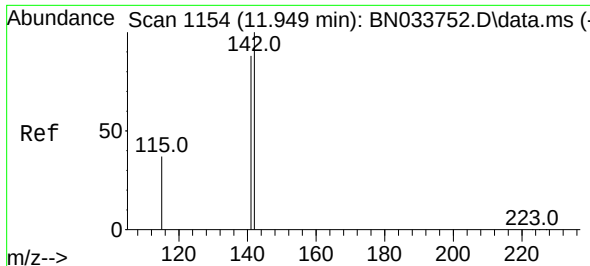
Tgt Ion:128 Resp: 2015  
Ion Ratio Lower Upper  
128 100  
129 15.4 8.9 13.3#  
127 17.5 10.8 16.2#



#11  
2-Methylnaphthalene-d10  
Concen: 0.413 ng  
RT: 11.869 min Scan# 1133  
Delta R.T. -0.004 min  
Lab File: BN033781.D  
Acq: 06 Sep 2024 14:18

Tgt Ion:152 Resp: 5451  
Ion Ratio Lower Upper  
152 100  
151 20.8 16.7 25.1





#12

2-Methylnaphthalene

Concen: 0.036 ng

RT: 11.941 min Scan# 1152

Delta R.T. -0.008 min

Lab File: BN033781.D

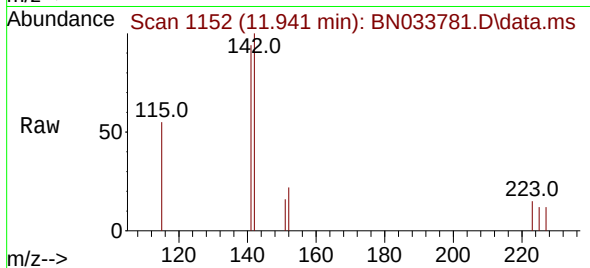
Acq: 06 Sep 2024 14:18

Instrument :

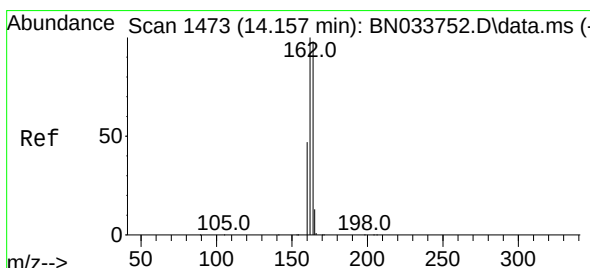
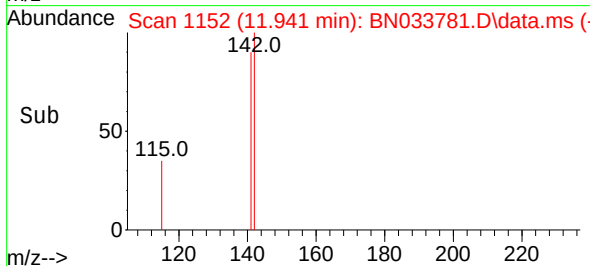
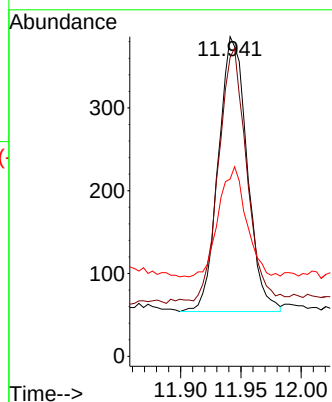
BNA\_N

ClientSampleId :

OWBR-05-134.8-083024



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 142   | Resp: | 552   |
| Ion      | Ratio | Lower | Upper |
| 142      | 100   |       |       |
| 141      | 93.5  | 70.9  | 106.3 |
| 115      | 55.4  | 31.0  | 46.4  |



#13

Acenaphthene-d10

Concen: 0.400 ng

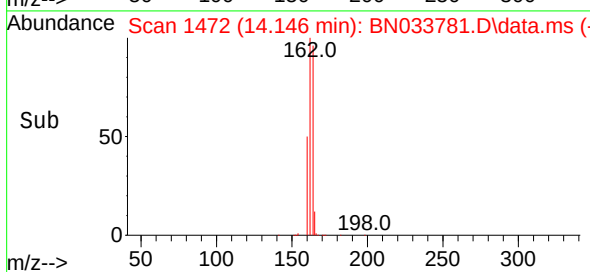
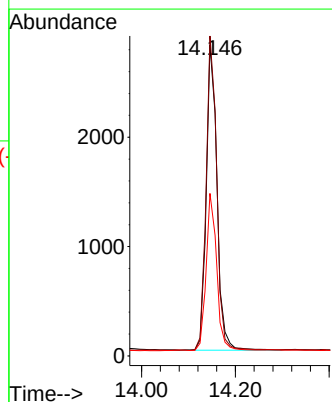
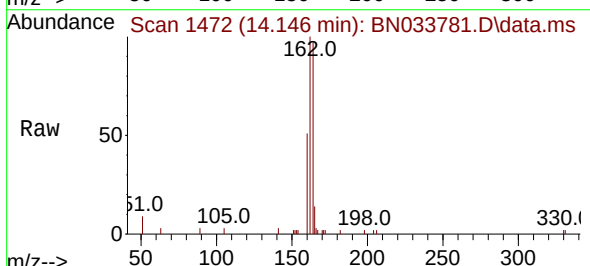
RT: 14.146 min Scan# 1472

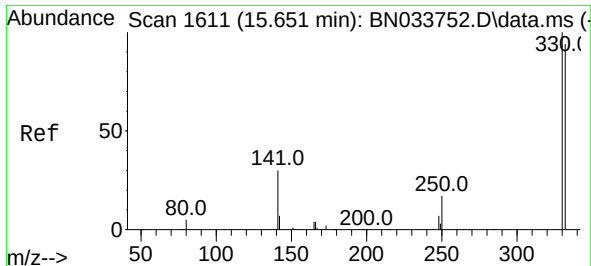
Delta R.T. -0.011 min

Lab File: BN033781.D

Acq: 06 Sep 2024 14:18

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 164   | Resp: | 4428  |
| Ion      | Ratio | Lower | Upper |
| 164      | 100   |       |       |
| 162      | 102.9 | 82.0  | 123.0 |
| 160      | 52.3  | 39.1  | 58.7  |





#14

2,4,6-Tribromophenol

Concen: 0.347 ng

RT: 15.651 min Scan# 1

Delta R.T. -0.000 min

Lab File: BN033781.D

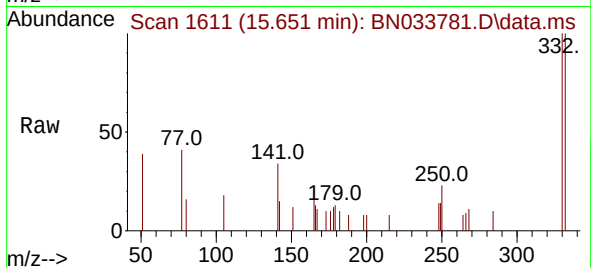
Acq: 06 Sep 2024 14:18

Instrument :

BNA\_N

ClientSampleId :

OWBR-05-134.8-083024



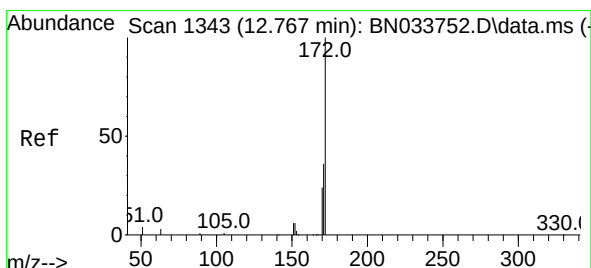
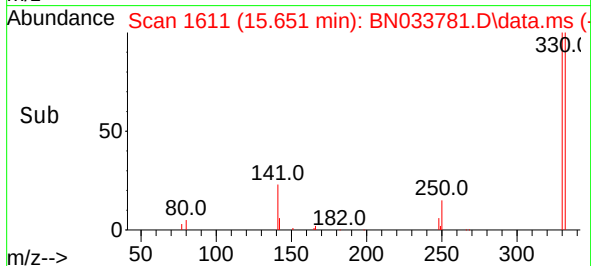
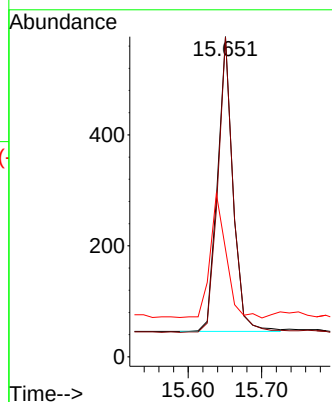
Tgt Ion:330 Resp: 775

Ion Ratio Lower Upper

330 100

332 99.7 74.2 111.4

141 43.5 33.9 50.9



#15

2-Fluorobiphenyl

Concen: 0.425 ng

RT: 12.767 min Scan# 1343

Delta R.T. -0.000 min

Lab File: BN033781.D

Acq: 06 Sep 2024 14:18

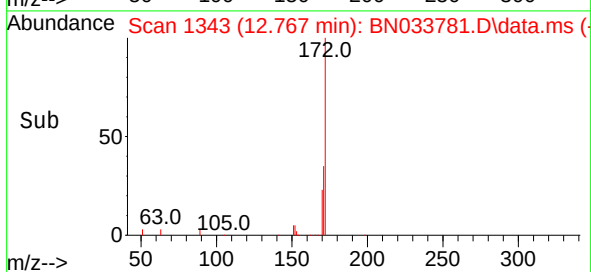
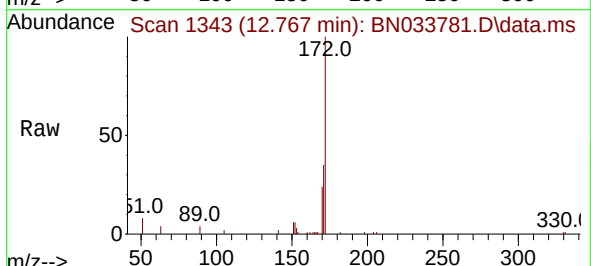
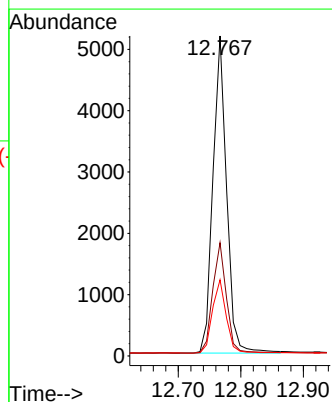
Tgt Ion:172 Resp: 7849

Ion Ratio Lower Upper

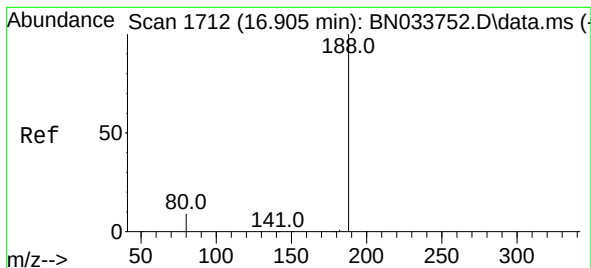
172 100

171 35.4 28.8 43.2

170 23.8 19.7 29.5







#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.904 min Scan# 1712

Delta R.T. -0.000 min

Lab File: BN033781.D

Acq: 06 Sep 2024 14:18

Instrument :

BNA\_N

ClientSampleId :

OWBR-05-134.8-083024

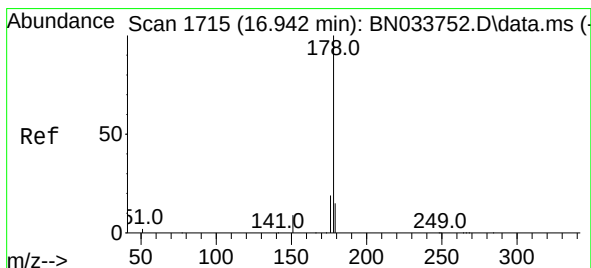
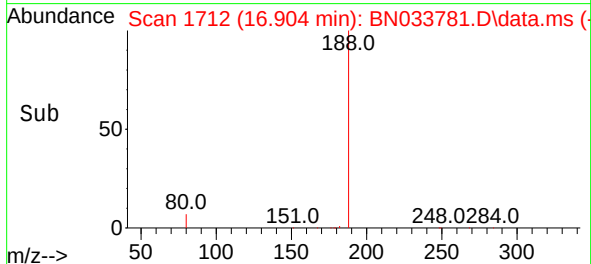
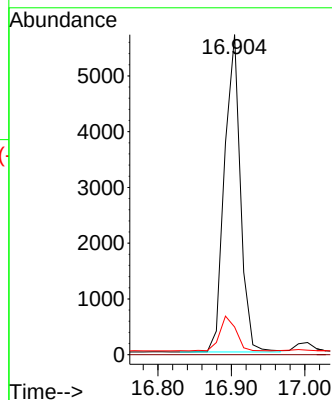
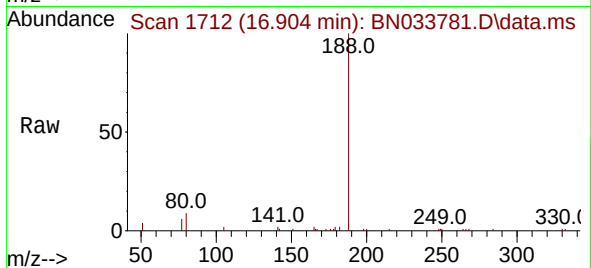
Tgt Ion:188 Resp: 8556

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 8.7 7.9 11.9



#25

Phenanthrene

Concen: 0.022 ng

RT: 16.942 min Scan# 1715

Delta R.T. -0.000 min

Lab File: BN033781.D

Acq: 06 Sep 2024 14:18

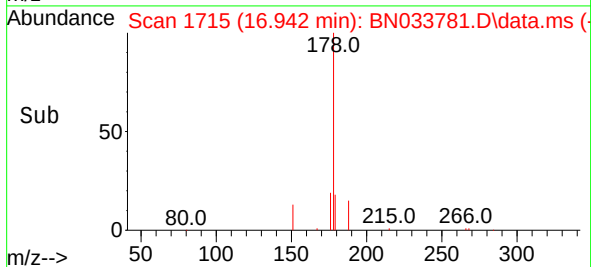
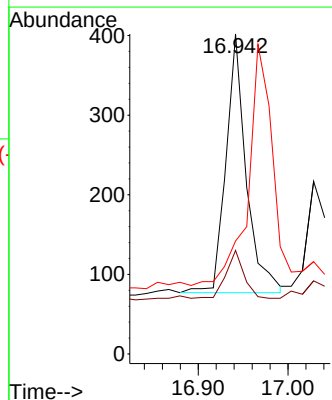
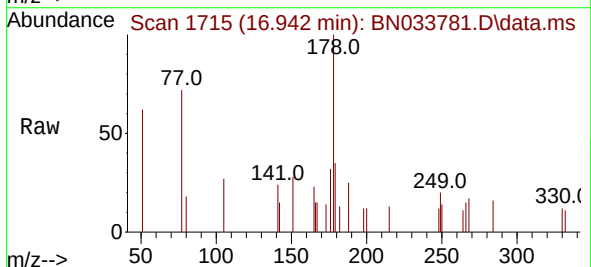
Tgt Ion:178 Resp: 510

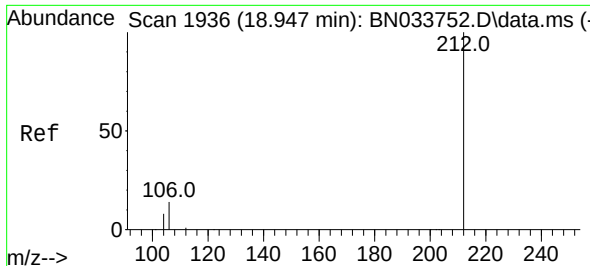
Ion Ratio Lower Upper

178 100

176 16.1 15.4 23.0

179 0.0 12.2 18.4#

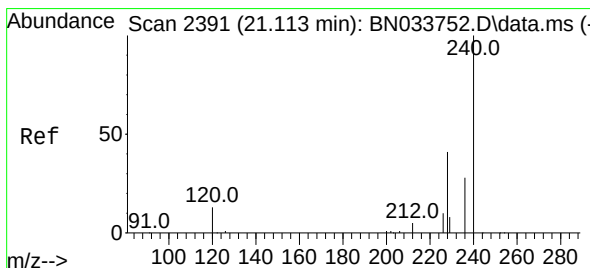
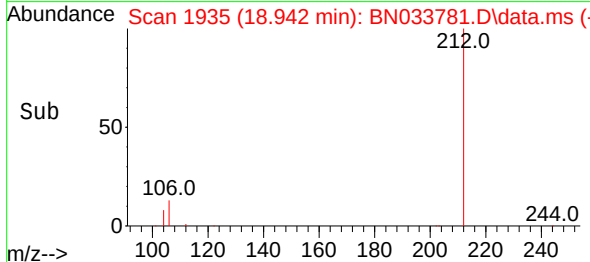
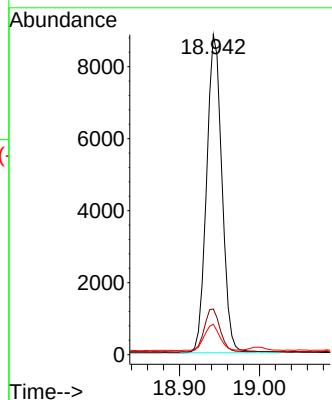
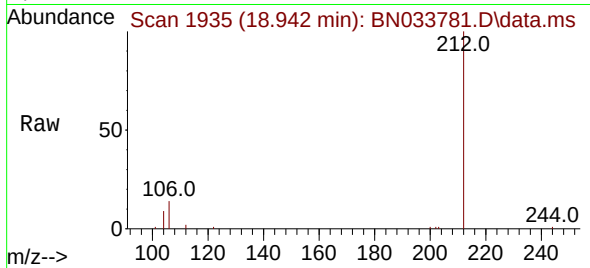




#27  
Fluoranthene-d10  
Concen: 0.560 ng  
RT: 18.942 min Scan# 1935  
Delta R.T. -0.005 min  
Lab File: BN033781.D  
Acq: 06 Sep 2024 14:18

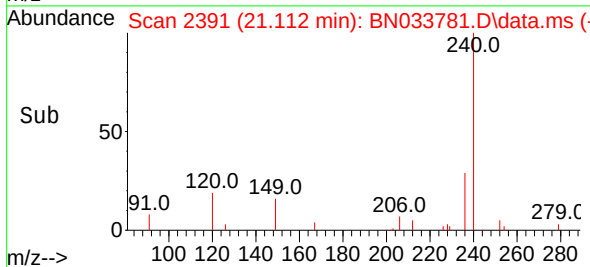
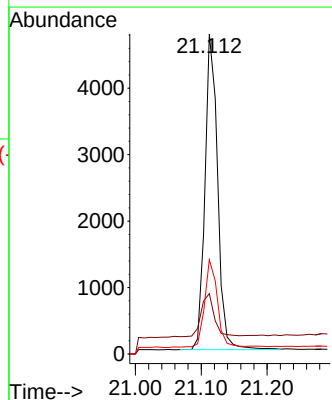
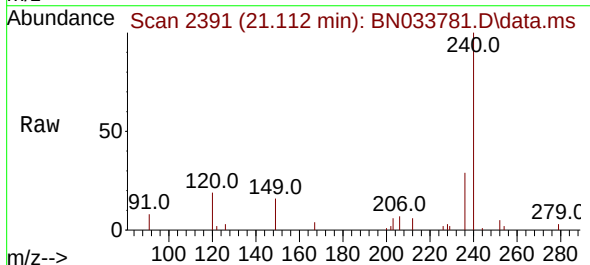
Instrument :  
BNA\_N  
ClientSampleId :  
OWBR-05-134.8-083024

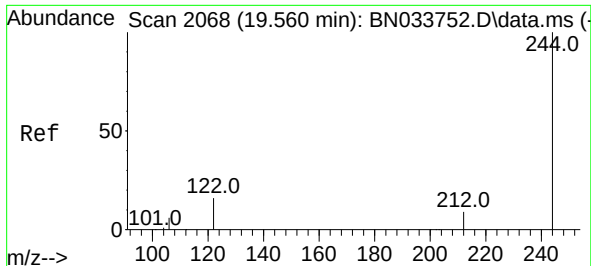
Tgt Ion:212 Resp: 11818  
Ion Ratio Lower Upper  
212 100  
106 13.9 11.5 17.3  
104 8.4 6.6 9.8



#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.112 min Scan# 2391  
Delta R.T. -0.000 min  
Lab File: BN033781.D  
Acq: 06 Sep 2024 14:18

Tgt Ion:240 Resp: 6369  
Ion Ratio Lower Upper  
240 100  
120 18.9 13.7 20.5  
236 29.5 23.4 35.2

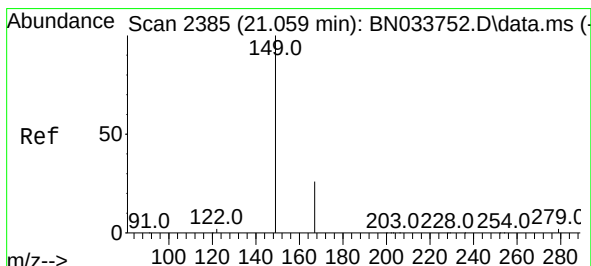
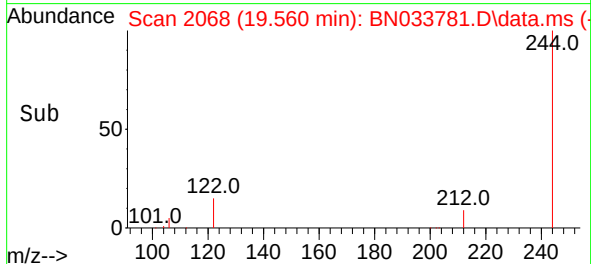
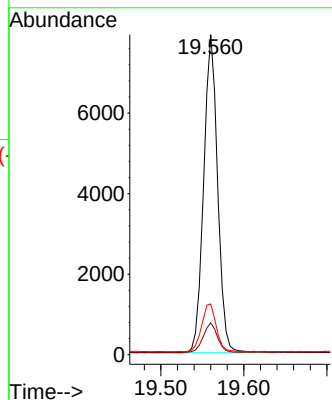
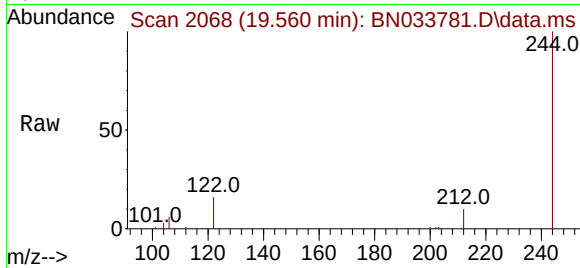




#31  
 Terphenyl-d14  
 Concen: 0.682 ng  
 RT: 19.560 min Scan# 2068  
 Delta R.T. -0.000 min  
 Lab File: BN033781.D  
 Acq: 06 Sep 2024 14:18

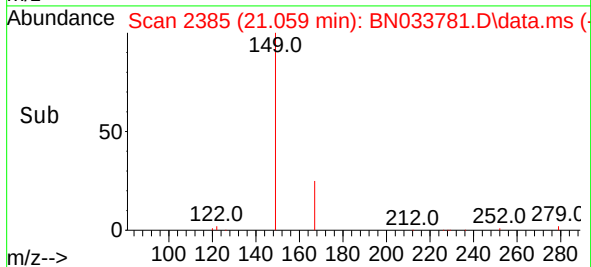
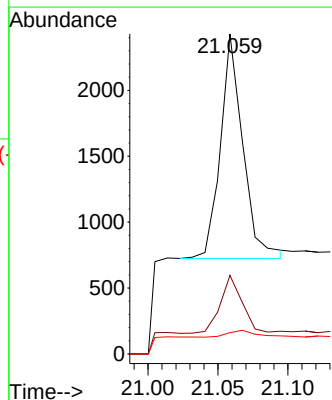
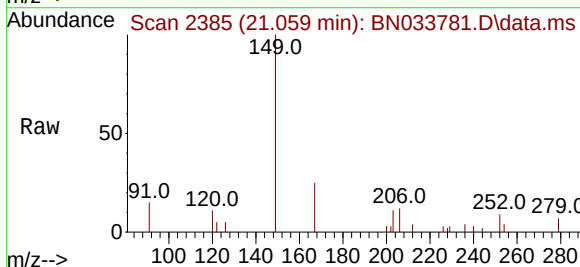
Instrument :  
 BNA\_N  
 ClientSampleId :  
 OWBR-05-134.8-083024

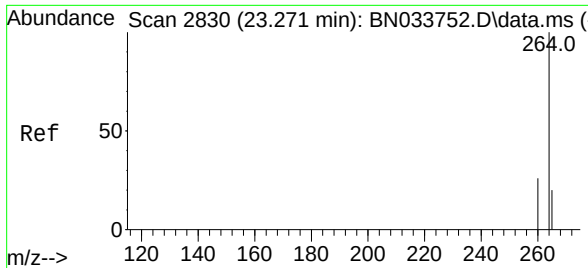
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 244   | Resp: | 9263 |
| Ion Ratio | Lower | Upper |      |
| 244       | 100   |       |      |
| 212       | 10.0  | 7.9   | 11.9 |
| 122       | 15.9  | 13.2  | 19.8 |



#34  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.153 ng  
 RT: 21.059 min Scan# 2385  
 Delta R.T. -0.000 min  
 Lab File: BN033781.D  
 Acq: 06 Sep 2024 14:18

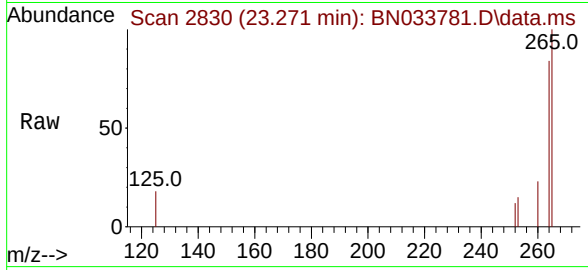
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 149   | Resp: | 1893 |
| Ion Ratio | Lower | Upper |      |
| 149       | 100   |       |      |
| 167       | 25.0  | 21.0  | 31.4 |
| 279       | 3.9   | 2.4   | 3.6# |





#35  
Perylene-d12  
Concen: 0.400 ng  
RT: 23.271 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: BN033781.D  
Acq: 06 Sep 2024 14:18

Instrument :  
BNA\_N  
ClientSampleId :  
OWBR-05-134.8-083024



Tgt Ion:264 Resp: 6501

| Ion | Ratio | Lower | Upper  |
|-----|-------|-------|--------|
| 264 | 100   |       |        |
| 260 | 26.9  | 21.1  | 31.7   |
| 265 | 118.5 | 72.0  | 108.0# |

