

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN100924\  
 Data File : BN034510.D  
 Acq On : 09 Oct 2024 18:37  
 Operator : RC/JU  
 Sample : P4231-05  
 Misc :  
 ALS Vial : 83 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 EB03-20240926

Quant Time: Oct 10 01:46:45 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN091924.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Sep 26 14:44:02 2024  
 Response via : Initial Calibration

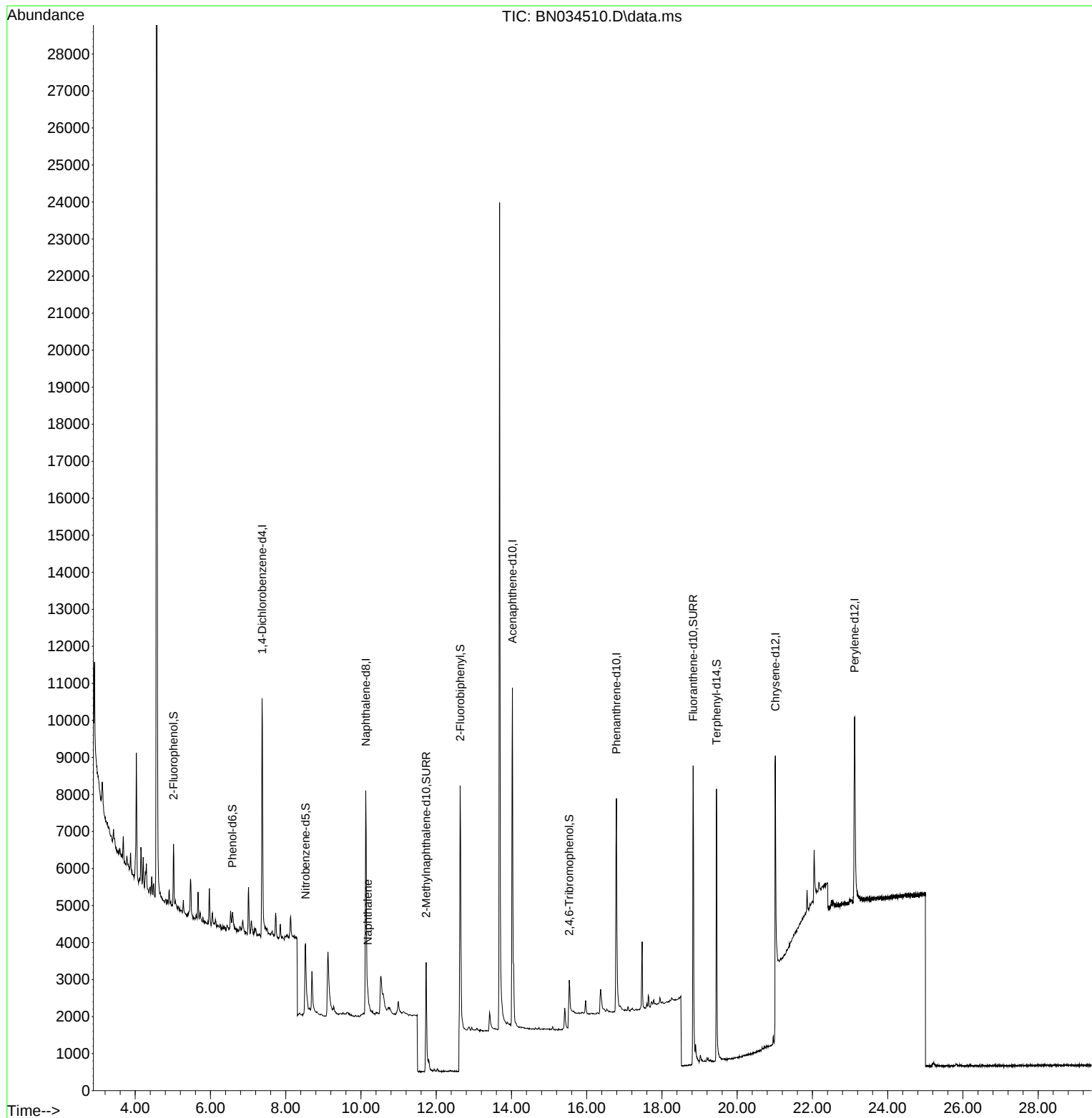
| Compound                    | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|--------|------|----------|-------|-------|----------|
| -----                       |        |      |          |       |       |          |
| Internal Standards          |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.373  | 152  | 3554     | 0.400 | ng    | -0.02    |
| 7) Naphthalene-d8           | 10.127 | 136  | 9975     | 0.400 | ng    | #-0.02   |
| 13) Acenaphthene-d10        | 14.026 | 164  | 5641     | 0.400 | ng    | -0.02    |
| 19) Phenanthrene-d10        | 16.791 | 188  | 10259    | 0.400 | ng    | -0.01    |
| 29) Chrysene-d12            | 21.015 | 240  | 7434     | 0.400 | ng    | 0.00     |
| 35) Perylene-d12            | 23.120 | 264  | 7845     | 0.400 | ng    | # 0.00   |
|                             |        |      |          |       |       |          |
| System Monitoring Compounds |        |      |          |       |       |          |
| 4) 2-Fluorophenol           | 5.018  | 112  | 1385     | 0.137 | ng    | -0.01    |
| 5) Phenol-d6                | 6.586  | 99   | 667      | 0.057 | ng    | -0.01    |
| 8) Nitrobenzene-d5          | 8.525  | 82   | 2478     | 0.325 | ng    | -0.01    |
| 11) 2-Methylnaphthalene-d10 | 11.731 | 152  | 5270     | 0.358 | ng    | -0.02    |
| 14) 2,4,6-Tribromophenol    | 15.537 | 330  | 700      | 0.274 | ng    | -0.01    |
| 15) 2-Fluorobiphenyl        | 12.636 | 172  | 7239     | 0.316 | ng    | -0.02    |
| 27) Fluoranthene-d10        | 18.832 | 212  | 10895    | 0.421 | ng    | -0.01    |
| 31) Terphenyl-d14           | 19.450 | 244  | 7802     | 0.525 | ng    | -0.02    |
|                             |        |      |          |       |       |          |
| Target Compounds            |        |      |          |       |       | Qvalue   |
| 9) Naphthalene              | 10.180 | 128  | 596      | 0.022 | ng    | # 64     |
| -----                       |        |      |          |       |       |          |

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

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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN091924.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Sep 26 14:44:02 2024  
Response via : Initial Calibration

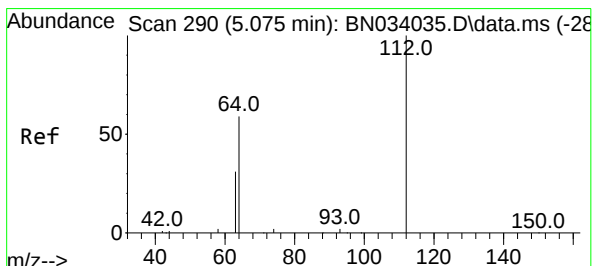
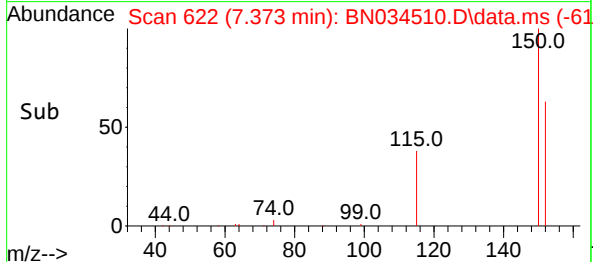
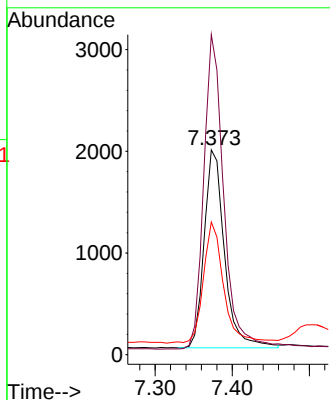
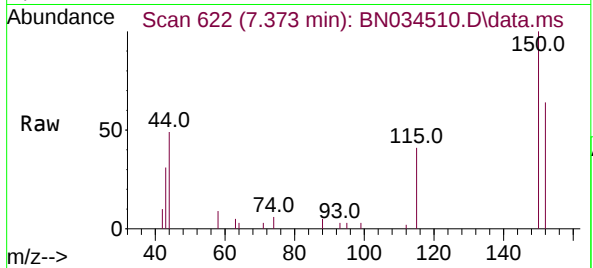




#1  
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.373 min Scan# 617  
Delta R.T. -0.021 min  
Lab File: BN034510.D  
Acq: 09 Oct 2024 18:37

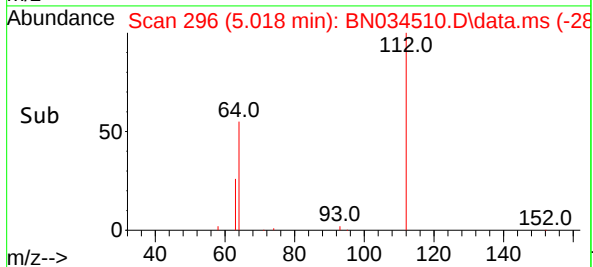
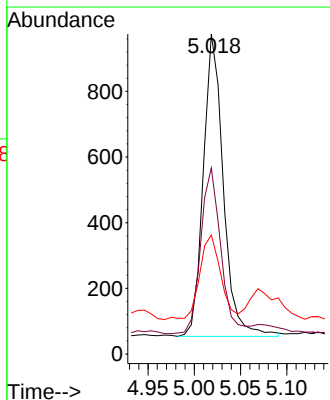
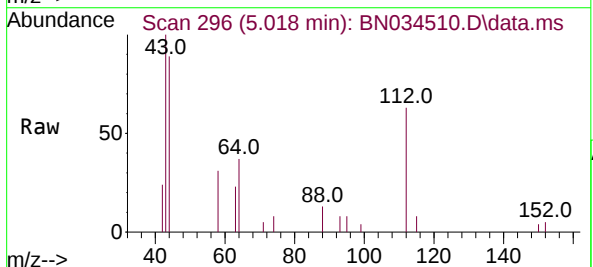
Instrument :  
BNA\_N  
ClientSampleId :  
EB03-20240926

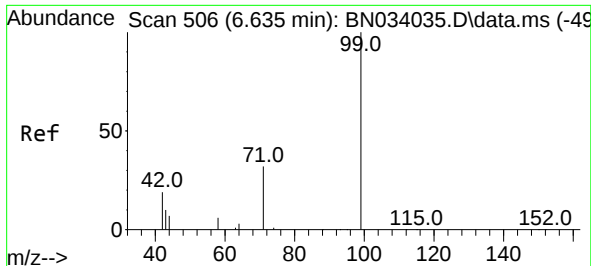
Tgt Ion:152 Resp: 3554  
Ion Ratio Lower Upper  
152 100  
150 156.2 124.6 187.0  
115 64.7 50.0 75.0



#4  
2-Fluorophenol  
Concen: 0.137 ng  
RT: 5.018 min Scan# 296  
Delta R.T. -0.014 min  
Lab File: BN034510.D  
Acq: 09 Oct 2024 18:37

Tgt Ion:112 Resp: 1385  
Ion Ratio Lower Upper  
112 100  
64 54.7 48.6 72.8  
63 29.4 25.6 38.4

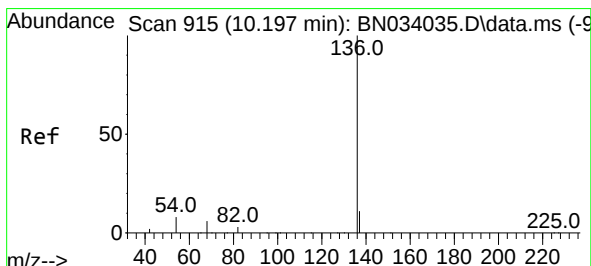
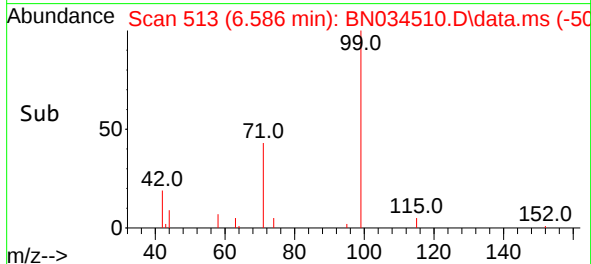
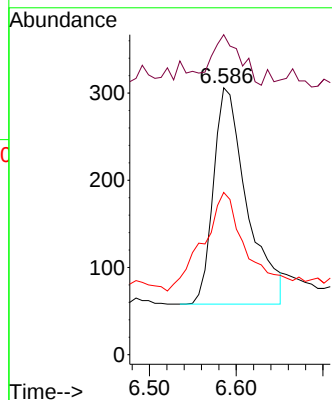
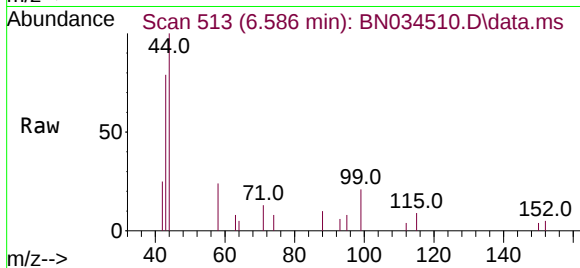




#5  
Phenol-d6  
Concen: 0.057 ng  
RT: 6.586 min Scan# 513  
Delta R.T. -0.014 min  
Lab File: BN034510.D  
Acq: 09 Oct 2024 18:37

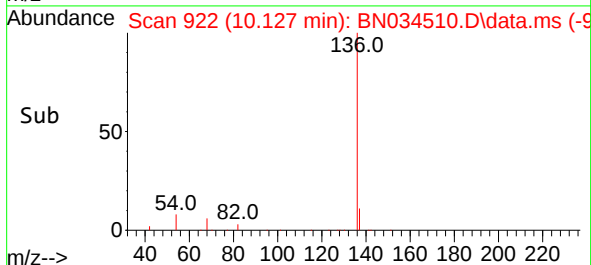
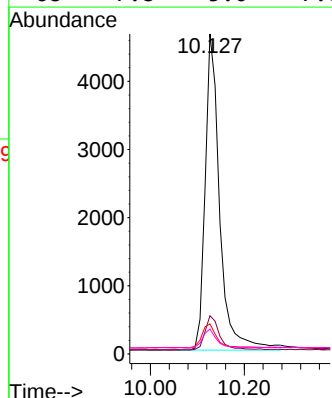
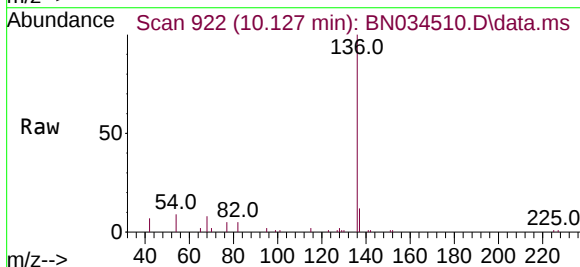
Instrument :  
BNA\_N  
ClientSampleId :  
EB03-20240926

Tgt Ion: 99 Resp: 667  
Ion Ratio Lower Upper  
99 100  
42 19.3 17.8 26.8  
71 56.5 26.2 39.2#



#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.127 min Scan# 922  
Delta R.T. -0.021 min  
Lab File: BN034510.D  
Acq: 09 Oct 2024 18:37

Tgt Ion: 136 Resp: 9975  
Ion Ratio Lower Upper  
136 100  
137 11.9 9.0 13.6  
54 9.4 6.8 10.2  
68 7.8 5.0 7.6#

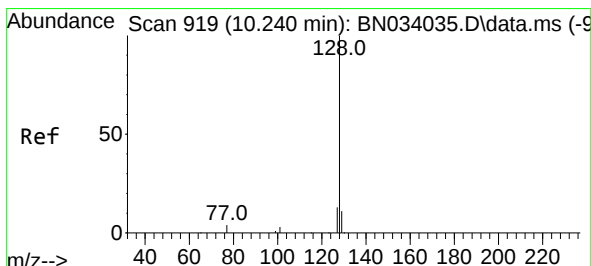
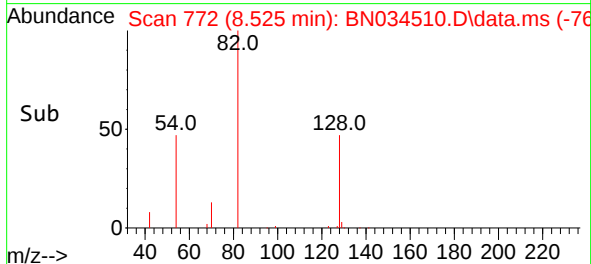
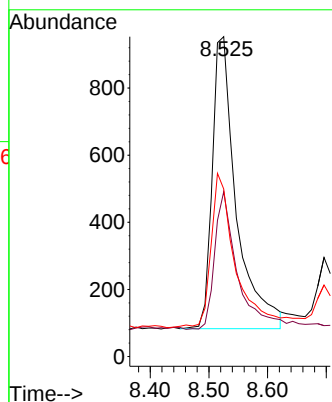
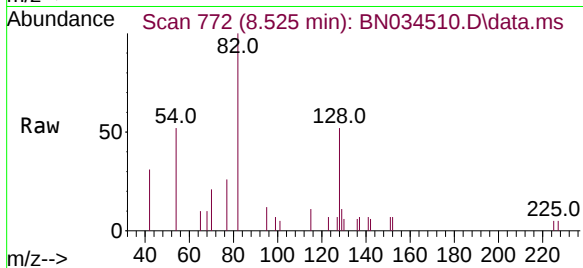




#8  
Nitrobenzene-d5  
Concen: 0.325 ng  
RT: 8.525 min Scan# 71  
Delta R.T. -0.010 min  
Lab File: BN034510.D  
Acq: 09 Oct 2024 18:37

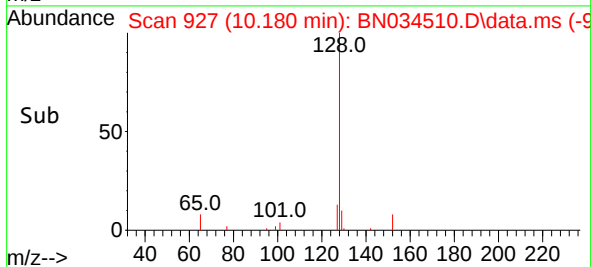
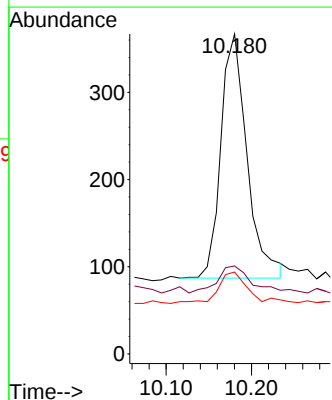
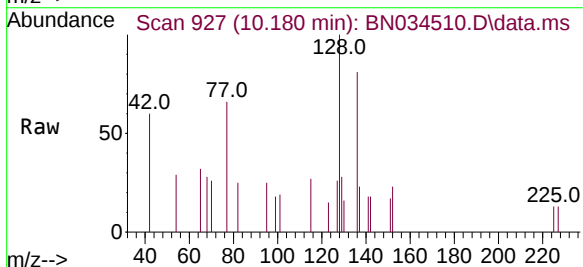
Instrument :  
BNA\_N  
ClientSampleId :  
EB03-20240926

Tgt Ion: 82 Resp: 2478  
Ion Ratio Lower Upper  
82 100  
128 51.5 31.4 47.2#  
54 52.4 47.4 71.0



#9  
Naphthalene  
Concen: 0.022 ng  
RT: 10.180 min Scan# 927  
Delta R.T. -0.021 min  
Lab File: BN034510.D  
Acq: 09 Oct 2024 18:37

Tgt Ion: 128 Resp: 596  
Ion Ratio Lower Upper  
128 100  
129 27.5 9.2 13.8#  
127 25.6 10.7 16.1#

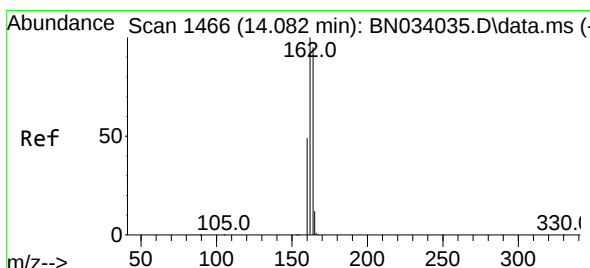
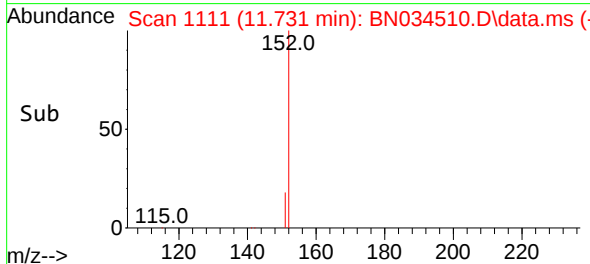
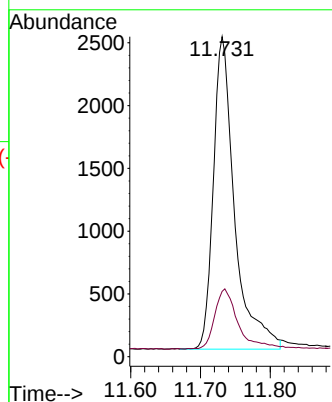
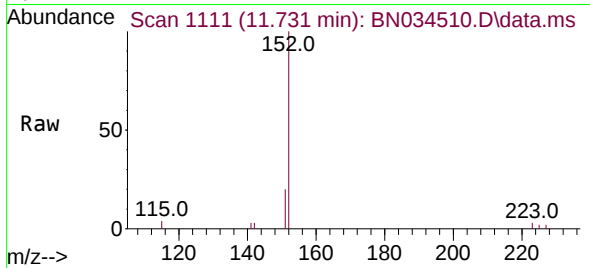




#11  
2-Methylnaphthalene-d10  
Concen: 0.358 ng  
RT: 11.731 min Scan# 1111  
Delta R.T. -0.022 min  
Lab File: BN034510.D  
Acq: 09 Oct 2024 18:37

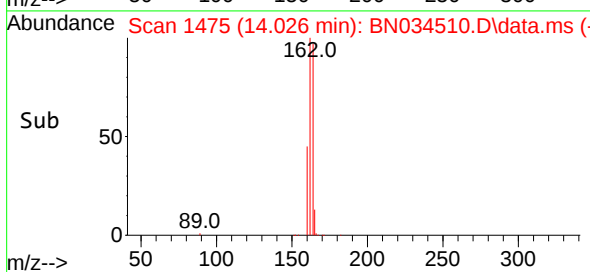
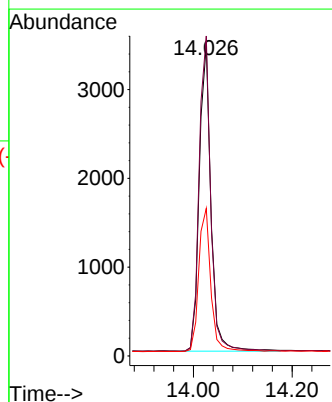
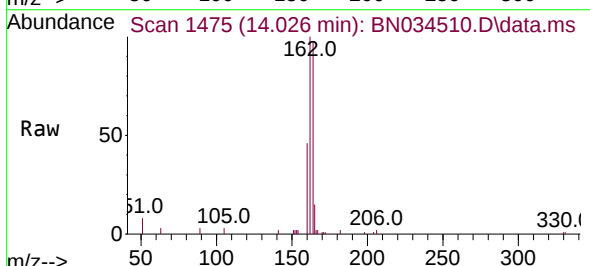
Instrument :  
BNA\_N  
ClientSampleId :  
EB03-20240926

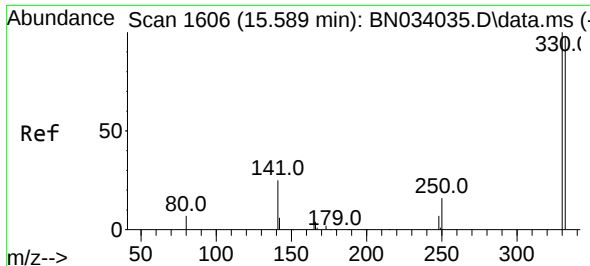
Tgt Ion:152 Resp: 5270  
Ion Ratio Lower Upper  
152 100  
151 21.1 16.8 25.2



#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.026 min Scan# 1475  
Delta R.T. -0.021 min  
Lab File: BN034510.D  
Acq: 09 Oct 2024 18:37

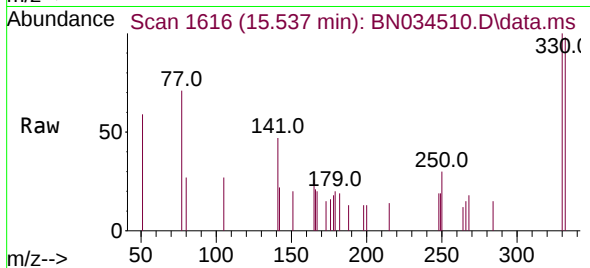
Tgt Ion:164 Resp: 5641  
Ion Ratio Lower Upper  
164 100  
162 102.9 84.2 126.2  
160 47.4 41.7 62.5



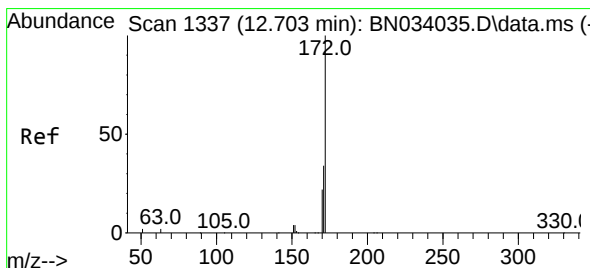
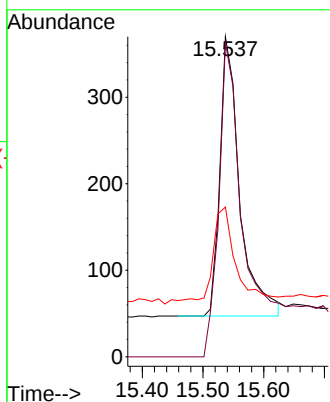
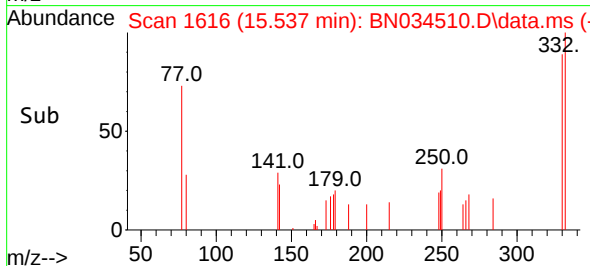


#14  
2,4,6-Tribromophenol  
Concen: 0.274 ng  
RT: 15.537 min Scan# 1  
Delta R.T. -0.012 min  
Lab File: BN034510.D  
Acq: 09 Oct 2024 18:37

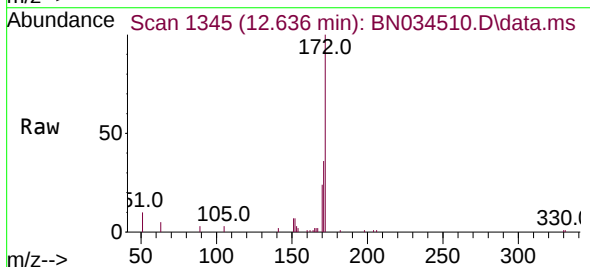
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ClientSampleId :  
EB03-20240926



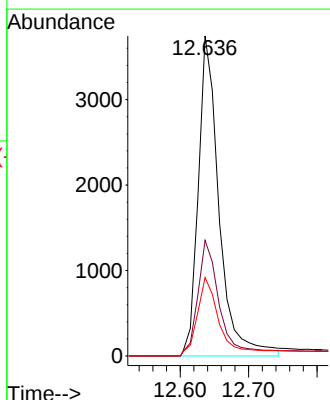
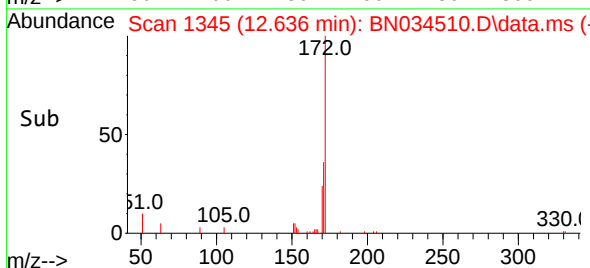
Tgt Ion:330 Resp: 700  
Ion Ratio Lower Upper  
330 100  
332 147.3 77.4 116.0#  
141 36.3 35.9 53.9



#15  
2-Fluorobiphenyl  
Concen: 0.316 ng  
RT: 12.636 min Scan# 1345  
Delta R.T. -0.021 min  
Lab File: BN034510.D  
Acq: 09 Oct 2024 18:37



Tgt Ion:172 Resp: 7239  
Ion Ratio Lower Upper  
172 100  
171 36.2 27.3 40.9  
170 24.5 18.1 27.1

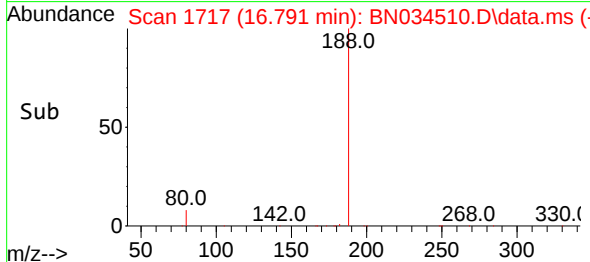
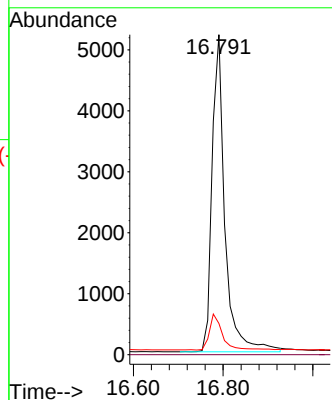
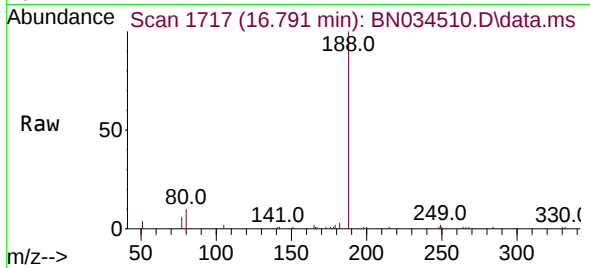




#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 16.791 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: BN034510.D  
Acq: 09 Oct 2024 18:37

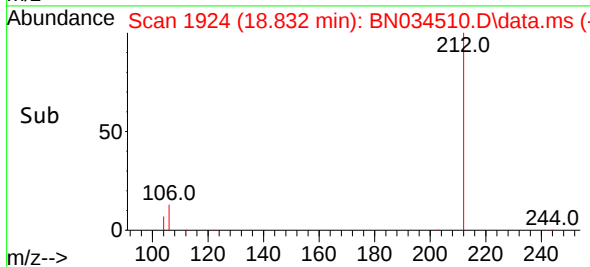
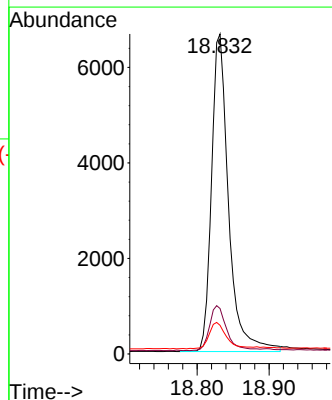
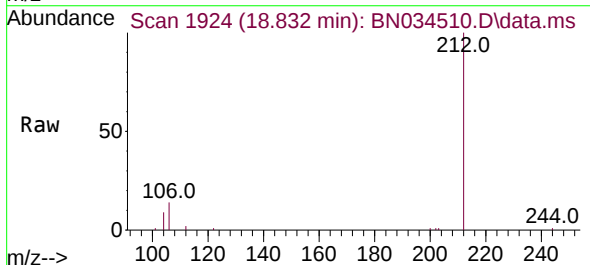
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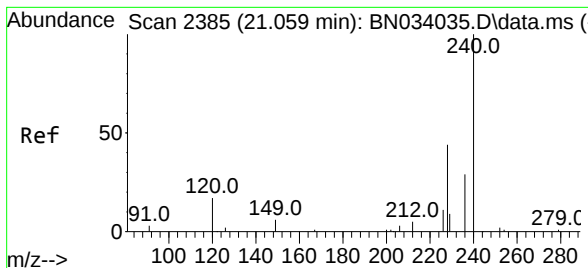
Tgt Ion:188 Resp: 10259  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 9.8 7.4 11.0



#27  
Fluoranthene-d10  
Concen: 0.421 ng  
RT: 18.832 min Scan# 1924  
Delta R.T. -0.014 min  
Lab File: BN034510.D  
Acq: 09 Oct 2024 18:37

Tgt Ion:212 Resp: 10895  
Ion Ratio Lower Upper  
212 100  
106 14.3 13.4 20.2  
104 8.4 7.8 11.6





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.015 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN034510.D

Acq: 09 Oct 2024 18:37

Instrument :

BNA\_N

ClientSampleId :

EB03-20240926

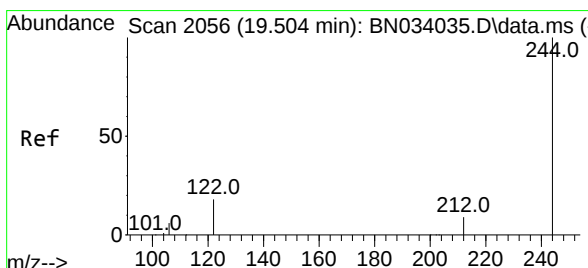
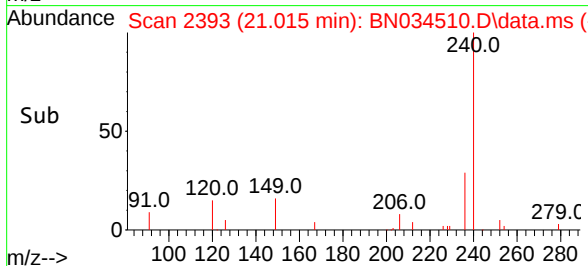
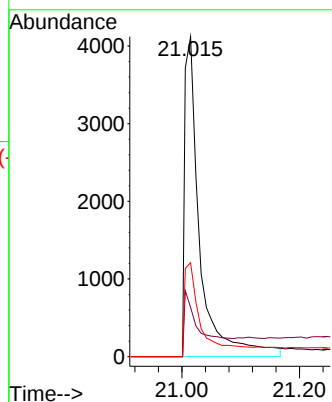
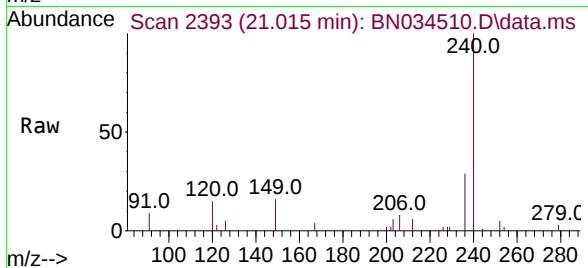
Tgt Ion:240 Resp: 7434

Ion Ratio Lower Upper

240 100

120 15.4 13.5 20.3

236 29.3 23.4 35.0



#31

Terphenyl-d14

Concen: 0.525 ng

RT: 19.450 min Scan# 2057

Delta R.T. -0.018 min

Lab File: BN034510.D

Acq: 09 Oct 2024 18:37

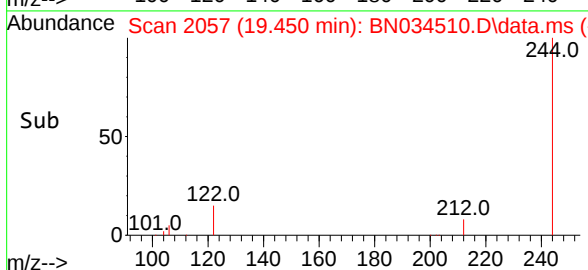
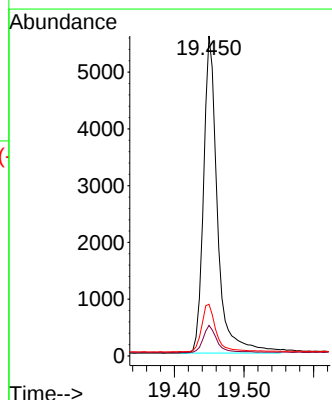
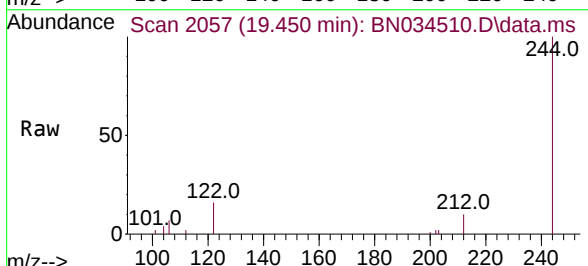
Tgt Ion:244 Resp: 7802

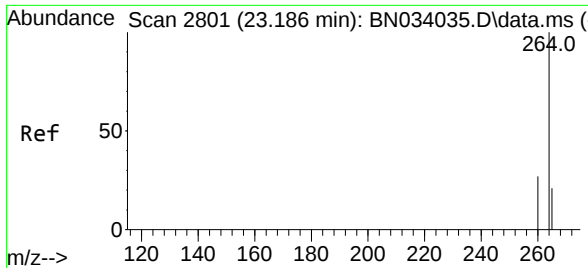
Ion Ratio Lower Upper

244 100

212 9.5 7.8 11.6

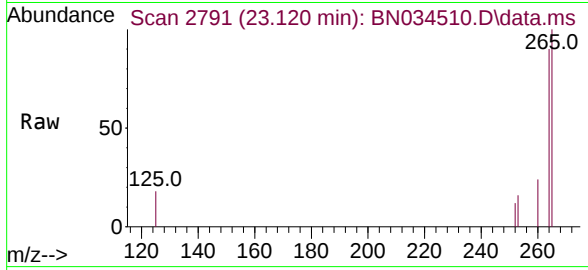
122 16.1 14.8 22.2





#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 23.120 min Scan# 21  
 Delta R.T. -0.009 min  
 Lab File: BN034510.D  
 Acq: 09 Oct 2024 18:37

Instrument :  
 BNA\_N  
 ClientSampleId :  
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Tgt Ion:264 Resp: 7845

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 26.5  | 21.7  | 32.5  |
| 265 | 111.2 | 52.1  | 78.1# |

