

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN081724\  
 Data File : BN033448.D  
 Acq On : 17 Aug 2024 02:24  
 Operator : MA/JU  
 Sample : PB162758BL  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB162758BL

Quant Time: Aug 17 02:59:45 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN081024.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Aug 16 04:44:11 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|--------|------|----------|-------|-------|----------|
| -----                       |        |      |          |       |       |          |
| Internal Standards          |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.567  | 152  | 7577     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8           | 10.325 | 136  | 19459    | 0.400 | ng    | #-0.01   |
| 13) Acenaphthene-d10        | 14.199 | 164  | 7966     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10        | 16.942 | 188  | 15538    | 0.400 | ng    | -0.01    |
| 29) Chrysene-d12            | 21.148 | 240  | 12119    | 0.400 | ng    | 0.00     |
| 35) Perylene-d12            | 23.320 | 264  | 13565    | 0.400 | ng    | #-0.01   |
|                             |        |      |          |       |       |          |
| System Monitoring Compounds |        |      |          |       |       |          |
| 4) 2-Fluorophenol           | 5.198  | 112  | 7037     | 0.336 | ng    | 0.00     |
| 5) Phenol-d6                | 6.750  | 99   | 7753     | 0.274 | ng    | 0.00     |
| 8) Nitrobenzene-d5          | 8.691  | 82   | 5653     | 0.385 | ng    | -0.01    |
| 11) 2-Methylnaphthalene-d10 | 11.922 | 152  | 9068     | 0.303 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol    | 15.700 | 330  | 638      | 0.156 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl        | 12.820 | 172  | 11516    | 0.353 | ng    | 0.00     |
| 27) Fluoranthene-d10        | 18.984 | 212  | 12881    | 0.310 | ng    | 0.00     |
| 31) Terphenyl-d14           | 19.602 | 244  | 9983     | 0.436 | ng    | 0.00     |

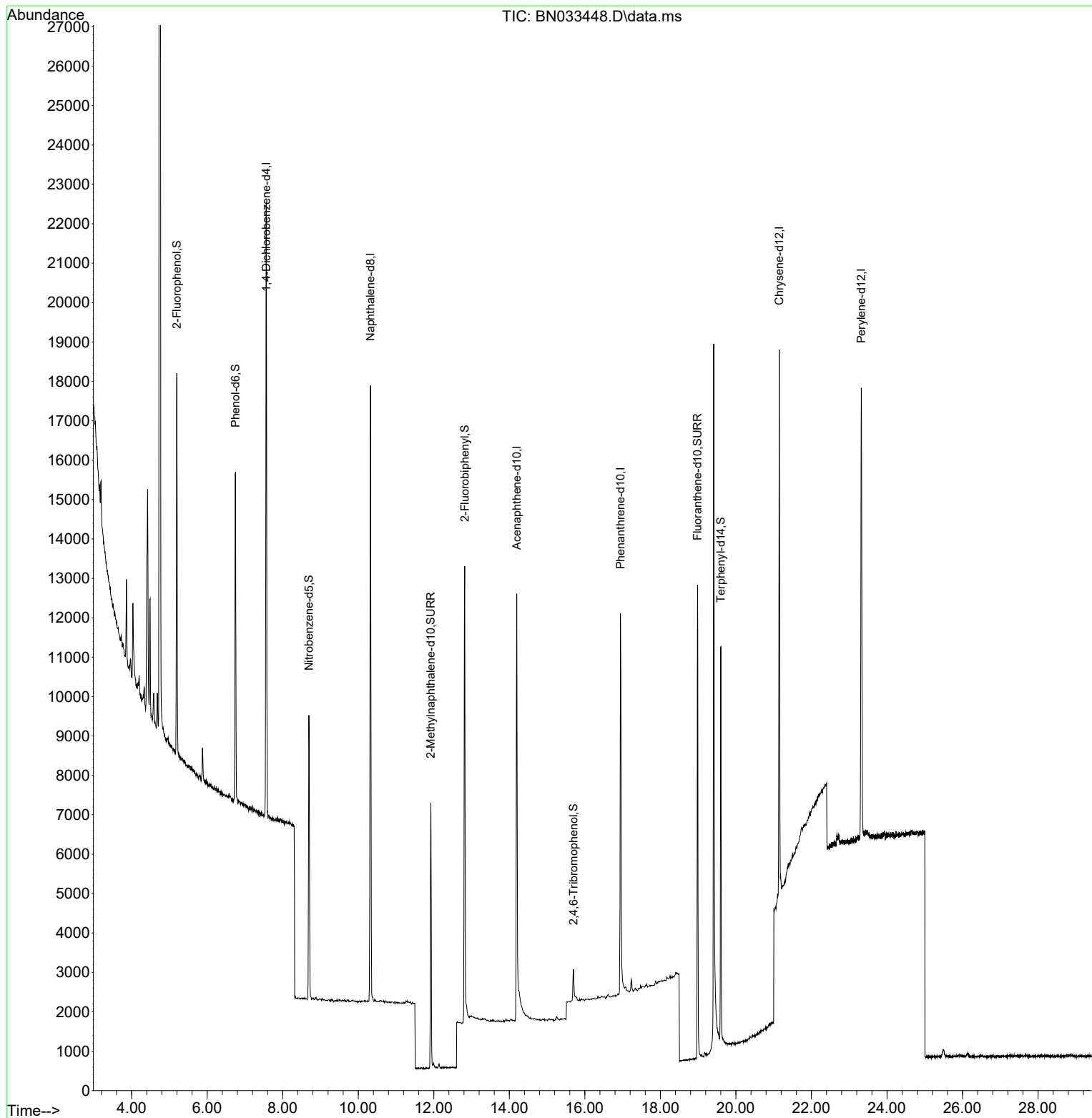
Target Compounds Qvalue

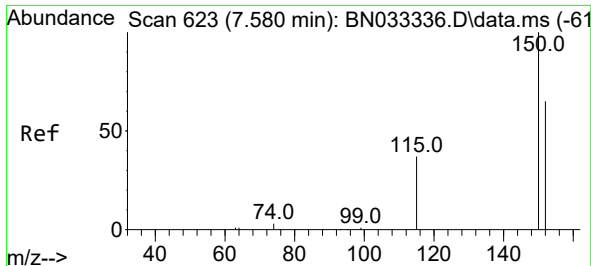
-----  
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN081724\  
Data File : BN033448.D  
Acq On : 17 Aug 2024 02:24  
Operator : MA/JU  
Sample : PB162758BL  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
PB162758BL

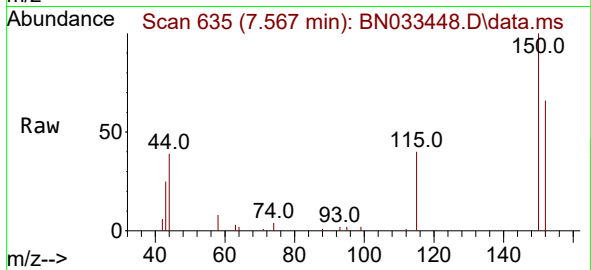
Quant Time: Aug 17 02:59:45 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN081024.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Aug 16 04:44:11 2024  
Response via : Initial Calibration



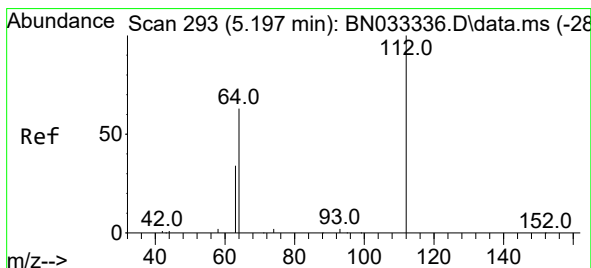
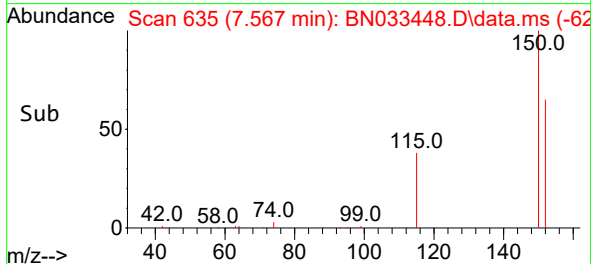
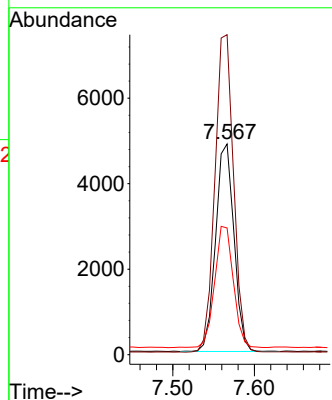


#1  
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.567 min Scan# 61  
Delta R.T. -0.007 min  
Lab File: BN033448.D  
Acq: 17 Aug 2024 02:24

Instrument :  
BNA\_N  
ClientSampleId :  
PB162758BL

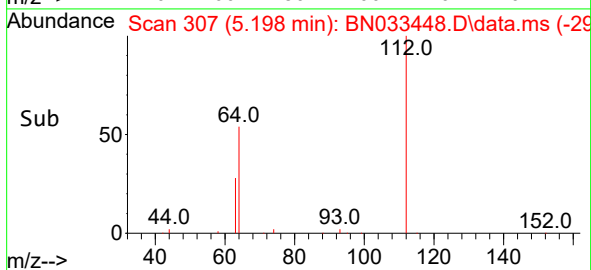
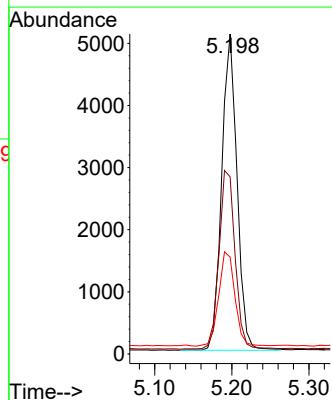
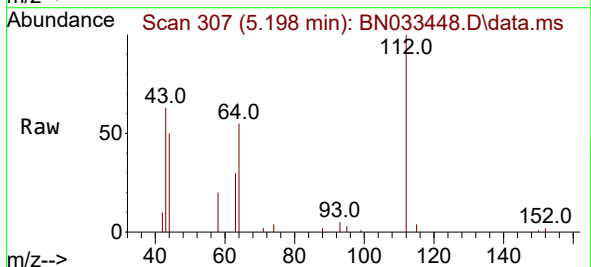


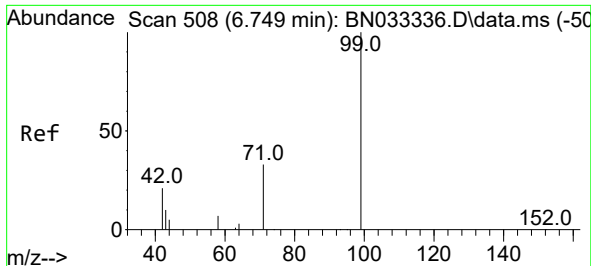
Tgt Ion:152 Resp: 7577  
Ion Ratio Lower Upper  
152 100  
150 151.9 122.3 183.5  
115 60.1 48.8 73.2



#4  
2-Fluorophenol  
Concen: 0.336 ng  
RT: 5.198 min Scan# 307  
Delta R.T. -0.000 min  
Lab File: BN033448.D  
Acq: 17 Aug 2024 02:24

Tgt Ion:112 Resp: 7037  
Ion Ratio Lower Upper  
112 100  
64 59.4 48.1 72.1  
63 31.4 25.4 38.2

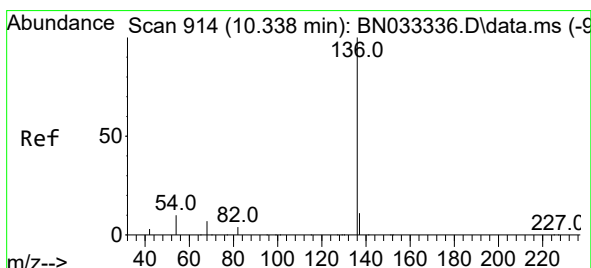
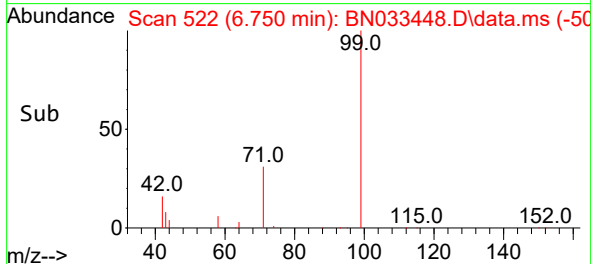
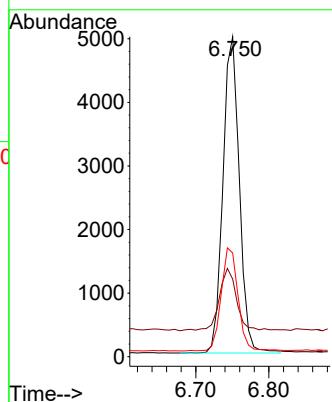
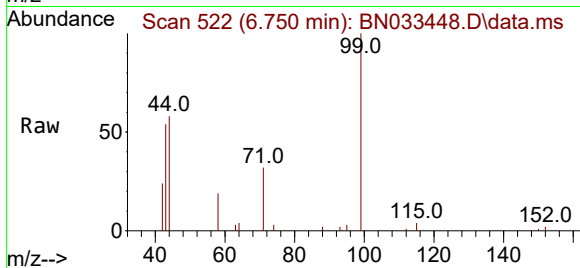




#5  
Phenol-d6  
Concen: 0.274 ng  
RT: 6.750 min Scan# 51  
Delta R.T. -0.000 min  
Lab File: BN033448.D  
Acq: 17 Aug 2024 02:24

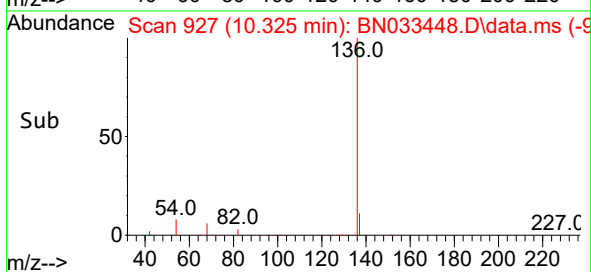
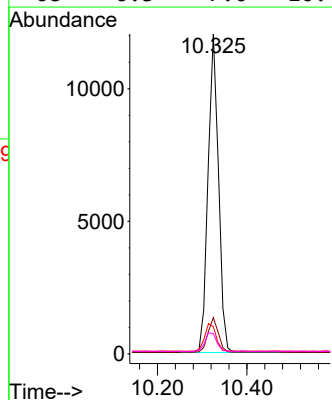
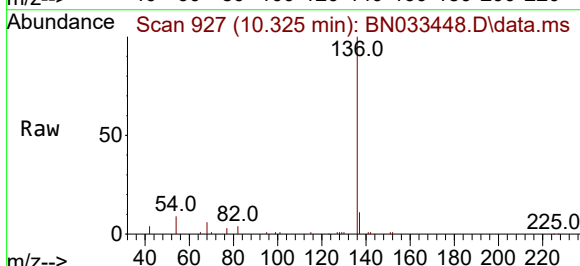
Instrument :  
BNA\_N  
ClientSampleId :  
PB162758BL

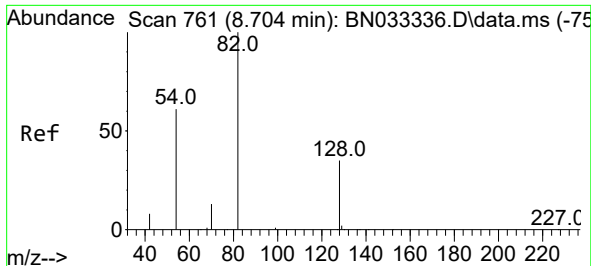
Tgt Ion: 99 Resp: 7753  
Ion Ratio Lower Upper  
99 100  
42 21.0 18.5 27.7  
71 33.7 26.2 39.2



#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.325 min Scan# 927  
Delta R.T. -0.011 min  
Lab File: BN033448.D  
Acq: 17 Aug 2024 02:24

Tgt Ion: 136 Resp: 19459  
Ion Ratio Lower Upper  
136 100  
137 11.3 9.1 13.7  
54 8.6 9.4 14.0#  
68 6.3 7.0 10.4#

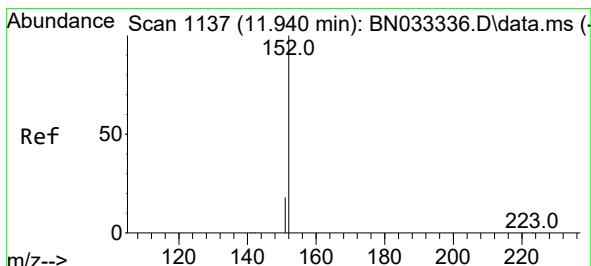
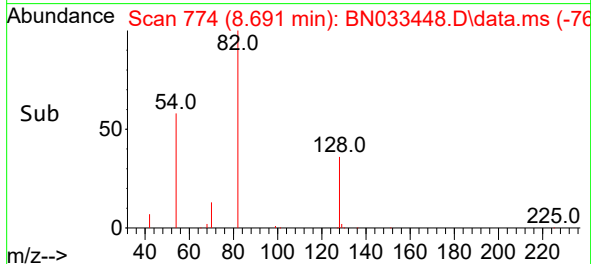
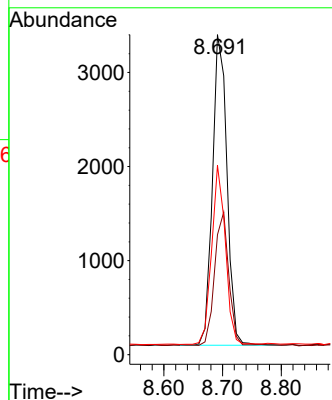
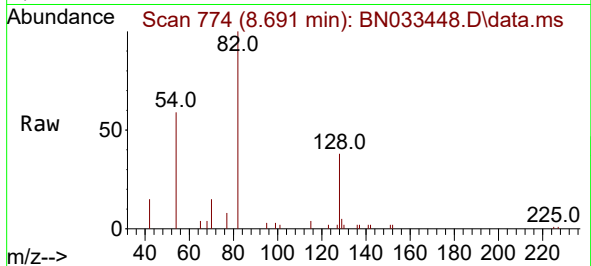




#8  
Nitrobenzene-d5  
Concen: 0.385 ng  
RT: 8.691 min Scan# 71  
Delta R.T. -0.011 min  
Lab File: BN033448.D  
Acq: 17 Aug 2024 02:24

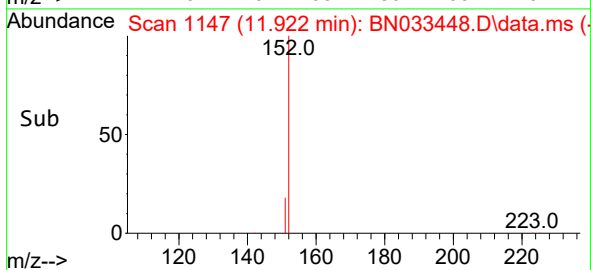
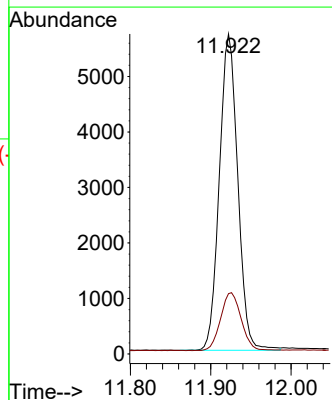
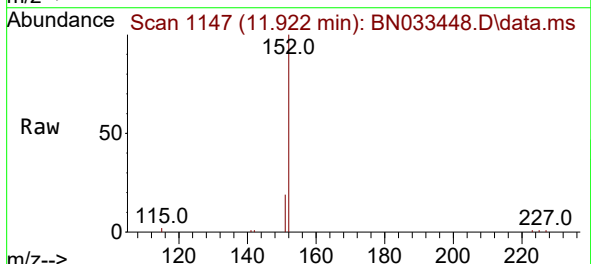
Instrument :  
BNA\_N  
ClientSampleId :  
PB162758BL

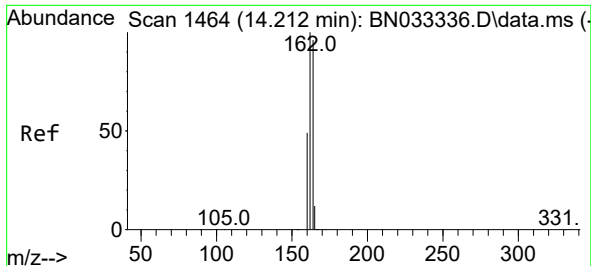
Tgt Ion: 82 Resp: 5653  
Ion Ratio Lower Upper  
82 100  
128 37.5 29.0 43.4  
54 59.1 50.2 75.4



#11  
2-Methylnaphthalene-d10  
Concen: 0.303 ng  
RT: 11.922 min Scan# 1147  
Delta R.T. -0.008 min  
Lab File: BN033448.D  
Acq: 17 Aug 2024 02:24

Tgt Ion: 152 Resp: 9068  
Ion Ratio Lower Upper  
152 100  
151 20.7 16.7 25.1

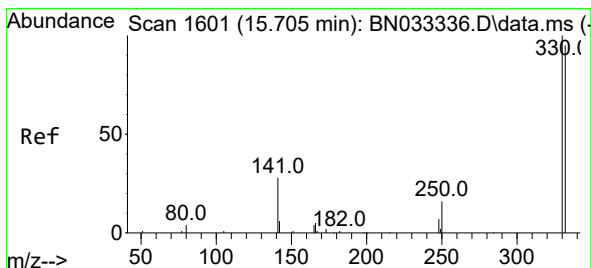
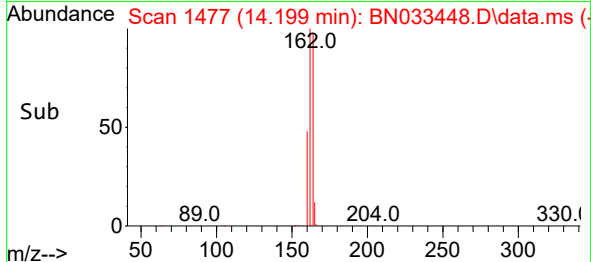
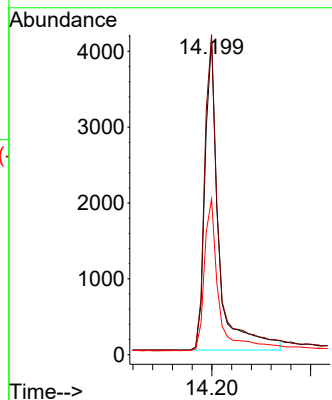
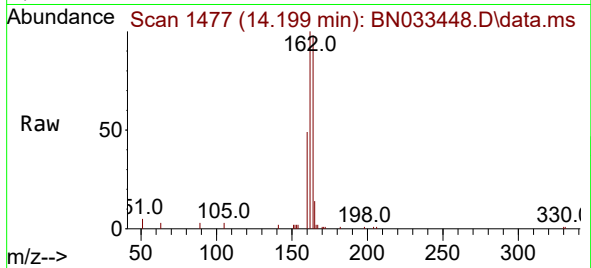




#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.199 min Scan# 14  
Delta R.T. -0.000 min  
Lab File: BN033448.D  
Acq: 17 Aug 2024 02:24

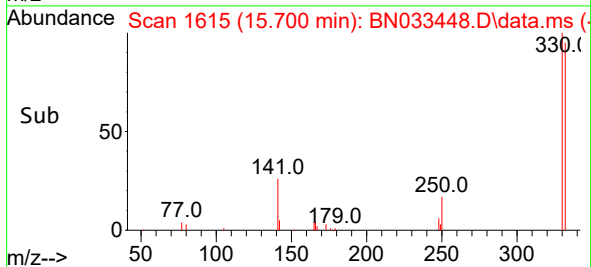
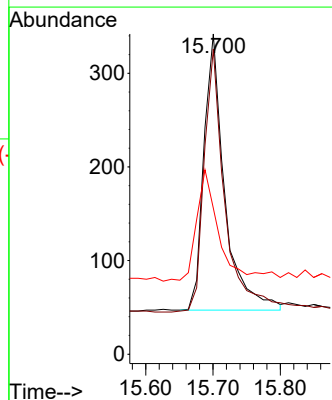
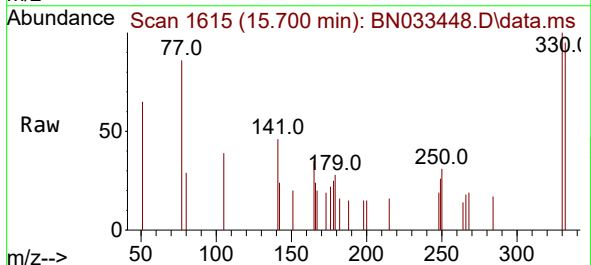
Instrument :  
BNA\_N  
ClientSampleId :  
PB162758BL

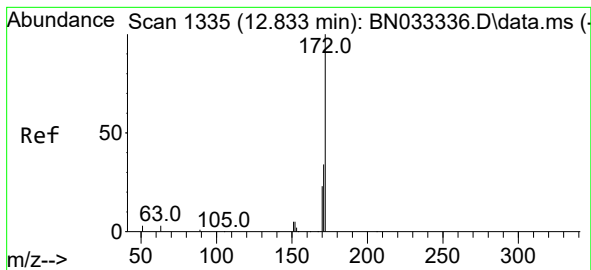
Tgt Ion:164 Resp: 7966  
Ion Ratio Lower Upper  
164 100  
162 101.6 83.1 124.7  
160 49.4 41.1 61.7



#14  
2,4,6-Tribromophenol  
Concen: 0.156 ng  
RT: 15.700 min Scan# 1615  
Delta R.T. -0.000 min  
Lab File: BN033448.D  
Acq: 17 Aug 2024 02:24

Tgt Ion:330 Resp: 638  
Ion Ratio Lower Upper  
330 100  
332 95.5 77.1 115.7  
141 44.2 33.4 50.0





#15

2-Fluorobiphenyl

Concen: 0.353 ng

RT: 12.820 min Scan# 11

Delta R.T. -0.000 min

Lab File: BN033448.D

Acq: 17 Aug 2024 02:24

Instrument :

BNA\_N

ClientSampleId :

PB162758BL

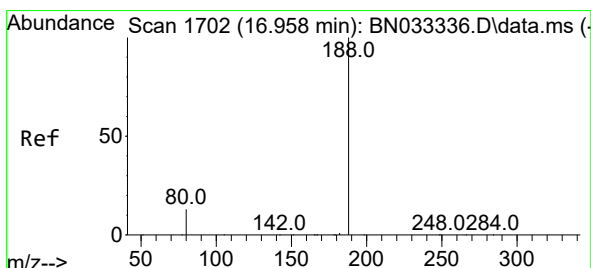
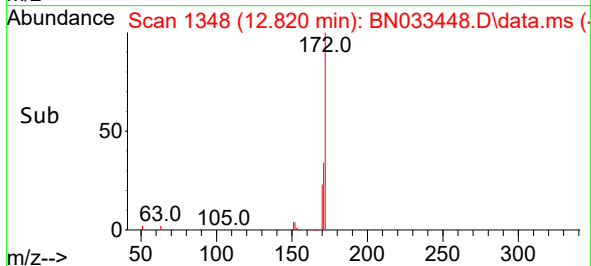
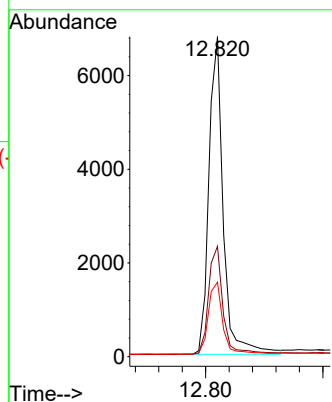
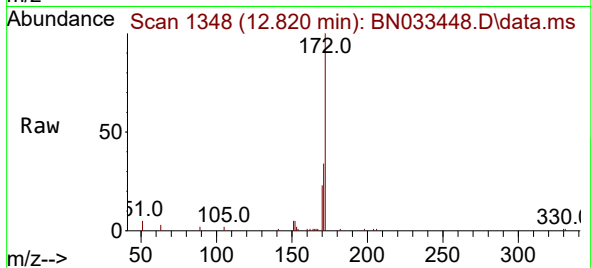
Tgt Ion:172 Resp: 11516

Ion Ratio Lower Upper

172 100

171 34.5 27.8 41.8

170 23.3 18.7 28.1



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.942 min Scan# 1715

Delta R.T. -0.012 min

Lab File: BN033448.D

Acq: 17 Aug 2024 02:24

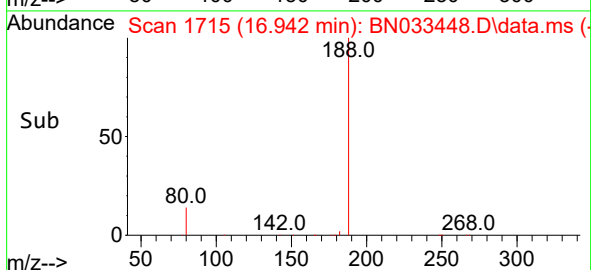
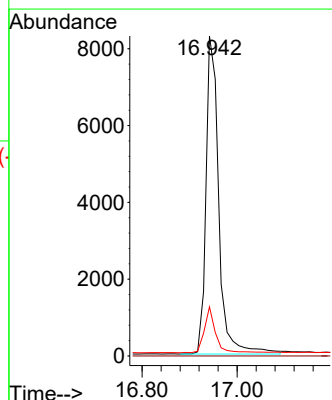
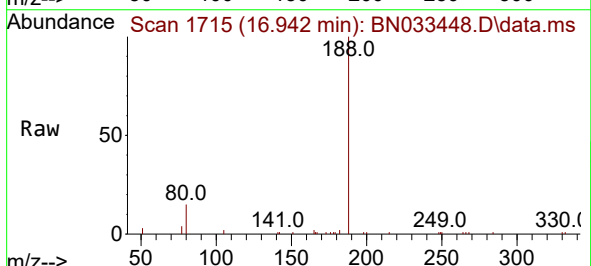
Tgt Ion:188 Resp: 15538

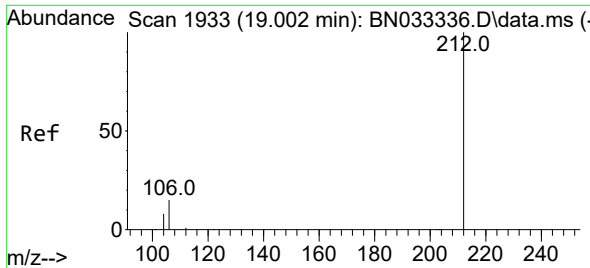
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 15.3 10.7 16.1

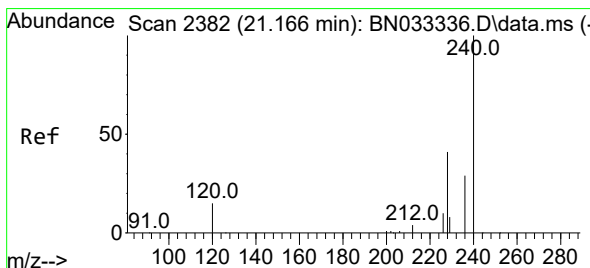
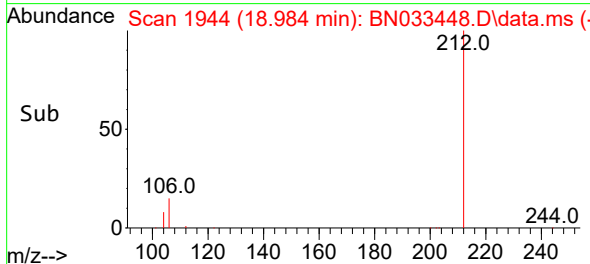
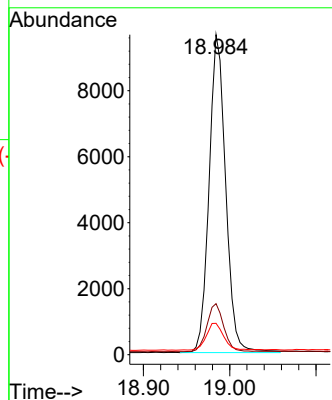
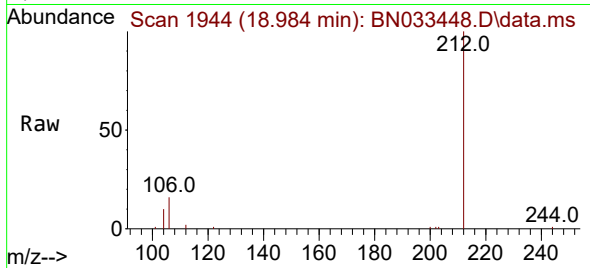




#27  
Fluoranthene-d10  
Concen: 0.310 ng  
RT: 18.984 min Scan# 1933  
Delta R.T. -0.009 min  
Lab File: BN033448.D  
Acq: 17 Aug 2024 02:24

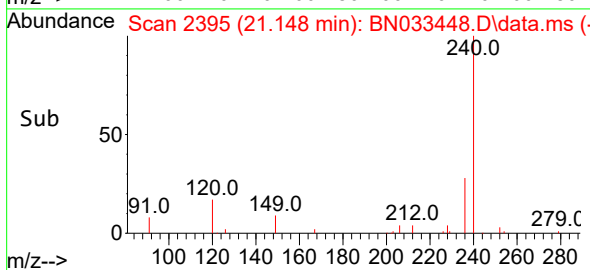
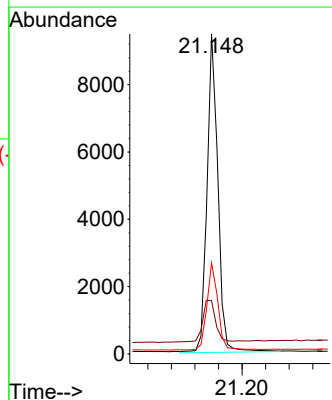
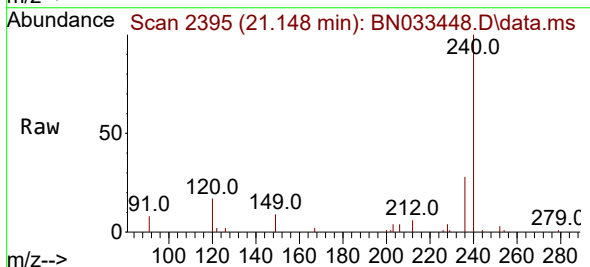
Instrument :  
BNA\_N  
ClientSampleId :  
PB162758BL

Tgt Ion:212 Resp: 12881  
Ion Ratio Lower Upper  
212 100  
106 15.3 12.8 19.2  
104 8.8 7.1 10.7

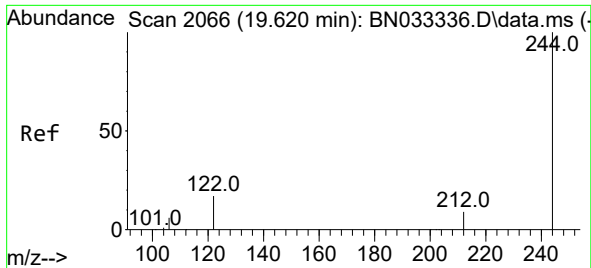


#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.148 min Scan# 2395  
Delta R.T. -0.009 min  
Lab File: BN033448.D  
Acq: 17 Aug 2024 02:24

Tgt Ion:240 Resp: 12119  
Ion Ratio Lower Upper  
240 100  
120 16.7 13.0 19.6  
236 28.5 23.2 34.8



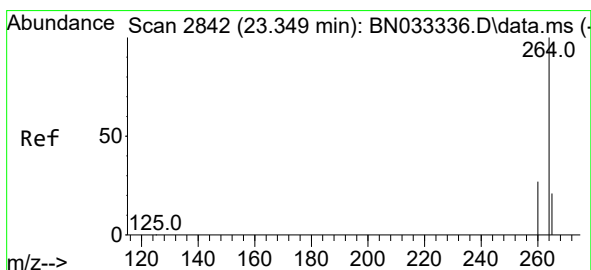
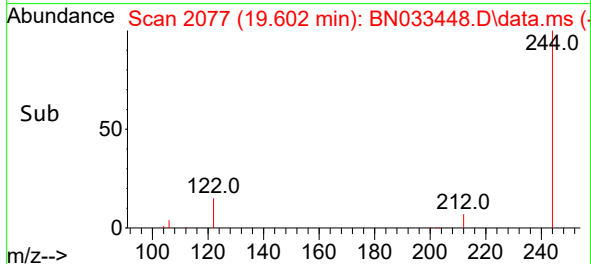
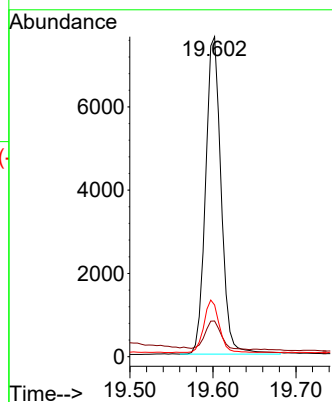
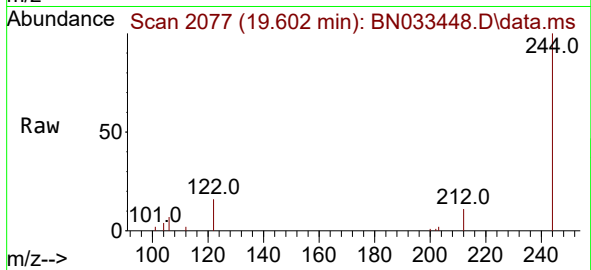




#31  
Terphenyl-d14  
Concen: 0.436 ng  
RT: 19.602 min Scan# 2066  
Delta R.T. -0.005 min  
Lab File: BN033448.D  
Acq: 17 Aug 2024 02:24

Instrument :  
BNA\_N  
ClientSampleId :  
PB162758BL

Tgt Ion:244 Resp: 9983  
Ion Ratio Lower Upper  
244 100  
212 11.1 7.7 11.5  
122 16.2 14.0 21.0



#35  
Perylene-d12  
Concen: 0.400 ng  
RT: 23.320 min Scan# 2847  
Delta R.T. -0.012 min  
Lab File: BN033448.D  
Acq: 17 Aug 2024 02:24

Tgt Ion:264 Resp: 13565  
Ion Ratio Lower Upper  
264 100  
260 26.1 21.6 32.4  
265 72.6 29.3 43.9#

