

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN051424\  
 Data File : BN031517.D  
 Acq On : 14 May 2024 09:56  
 Operator : MA/JU  
 Sample : PB160875BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB160875BL

Quant Time: May 14 10:49:46 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN050924.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri May 10 02:12:24 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|--------|------|----------|-------|-------|----------|
| -----                       |        |      |          |       |       |          |
| Internal Standards          |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.704  | 152  | 10234    | 0.400 | ng    | -0.01    |
| 7) Naphthalene-d8           | 10.485 | 136  | 31108    | 0.400 | ng    | #-0.01   |
| 13) Acenaphthene-d10        | 14.338 | 164  | 15236    | 0.400 | ng    | -0.01    |
| 19) Phenanthrene-d10        | 17.078 | 188  | 34520    | 0.400 | ng    | -0.01    |
| 29) Chrysene-d12            | 21.265 | 240  | 23503    | 0.400 | ng    | 0.00     |
| 35) Perylene-d12            | 23.499 | 264  | 21309    | 0.400 | ng    | #-0.02   |
|                             |        |      |          |       |       |          |
| System Monitoring Compounds |        |      |          |       |       |          |
| 4) 2-Fluorophenol           | 5.292  | 112  | 7424     | 0.255 | ng    | 0.00     |
| 5) Phenol-d6                | 6.866  | 99   | 10042    | 0.256 | ng    | 0.00     |
| 8) Nitrobenzene-d5          | 8.852  | 82   | 7223     | 0.324 | ng    | -0.01    |
| 11) 2-Methylnaphthalene-d10 | 12.077 | 152  | 13576    | 0.271 | ng    | -0.02    |
| 14) 2,4,6-Tribromophenol    | 15.825 | 330  | 768      | 0.133 | ng    | -0.01    |
| 15) 2-Fluorobiphenyl        | 12.959 | 172  | 21206    | 0.361 | ng    | -0.02    |
| 27) Fluoranthene-d10        | 19.110 | 212  | 24905    | 0.260 | ng    | 0.00     |
| 31) Terphenyl-d14           | 19.714 | 244  | 18339    | 0.319 | ng    | -0.02    |

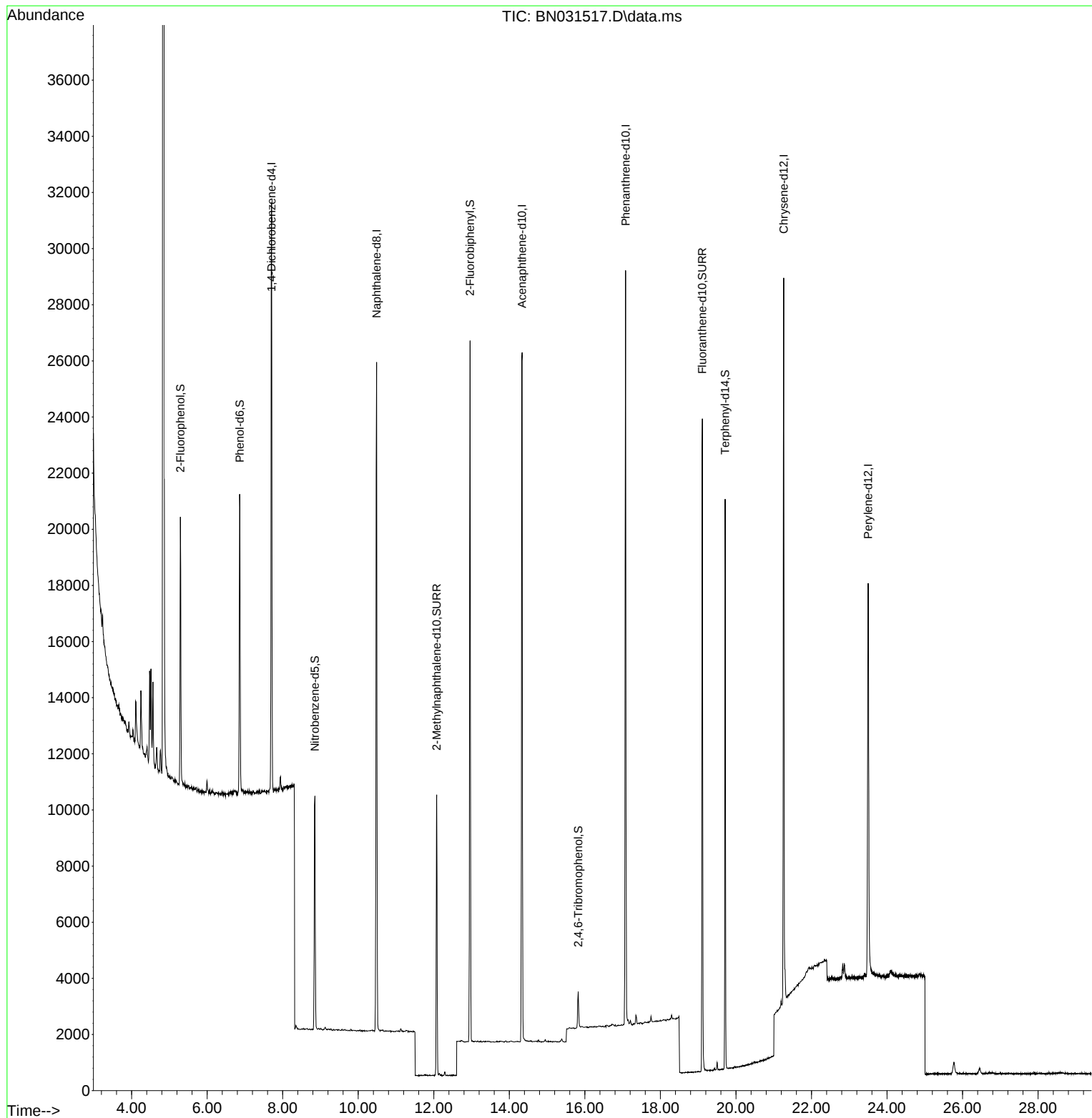
Target Compounds Qvalue

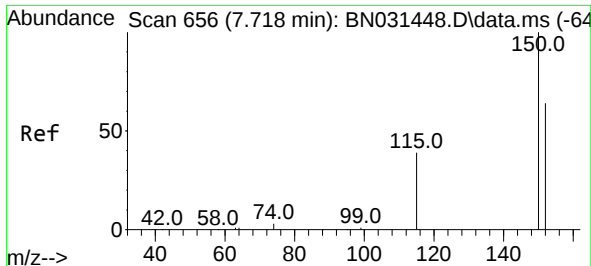
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 (#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN051424\  
Data File : BN031517.D  
Acq On : 14 May 2024 09:56  
Operator : MA/JU  
Sample : PB160875BL  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
PB160875BL

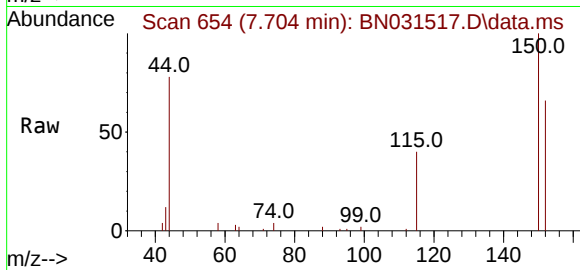
Quant Time: May 14 10:49:46 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN050924.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri May 10 02:12:24 2024  
Response via : Initial Calibration



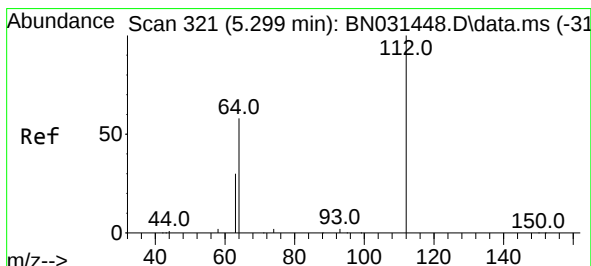
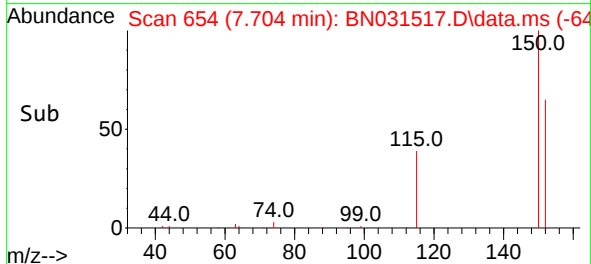
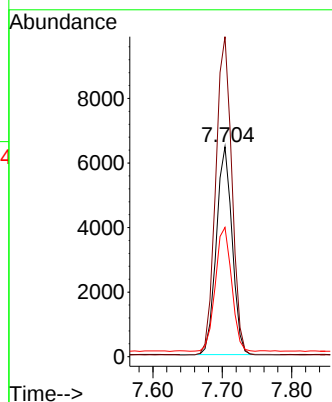


#1  
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.704 min Scan# 61  
Delta R.T. -0.014 min  
Lab File: BN031517.D  
Acq: 14 May 2024 09:56

Instrument :  
BNA\_N  
ClientSampleId :  
PB160875BL

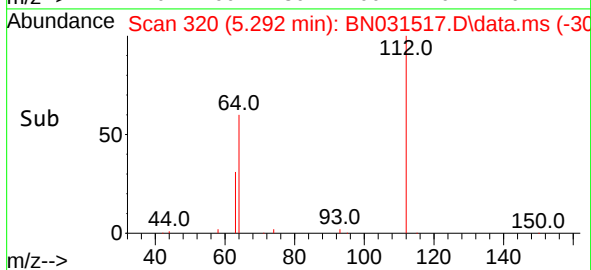
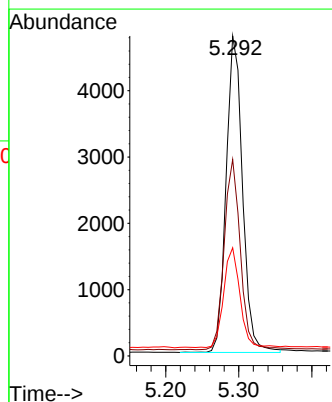
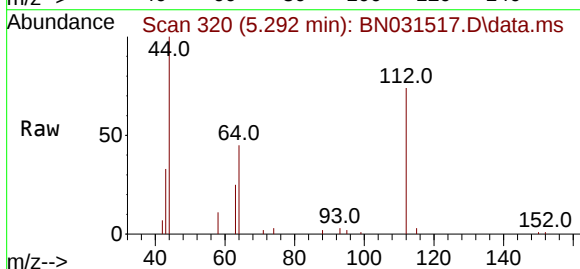


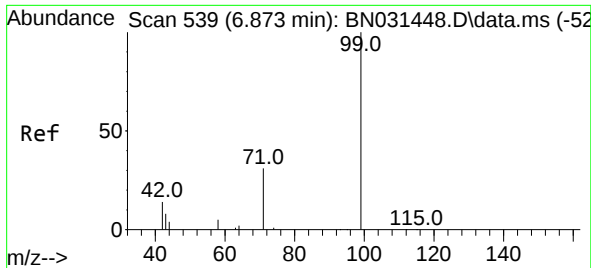
Tgt Ion:152 Resp: 10234  
Ion Ratio Lower Upper  
152 100  
150 152.4 119.3 178.9  
115 61.6 54.8 82.2



#4  
2-Fluorophenol  
Concen: 0.255 ng  
RT: 5.292 min Scan# 320  
Delta R.T. -0.007 min  
Lab File: BN031517.D  
Acq: 14 May 2024 09:56

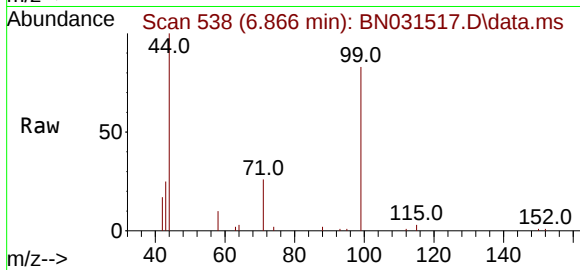
Tgt Ion:112 Resp: 7424  
Ion Ratio Lower Upper  
112 100  
64 59.3 44.0 66.0  
63 31.2 22.2 33.4



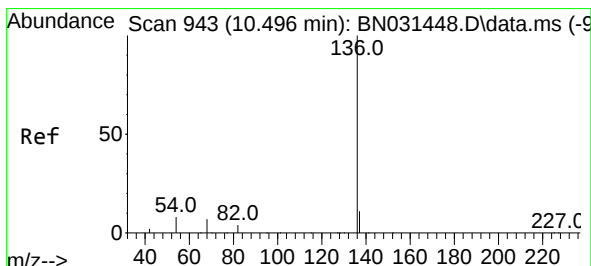
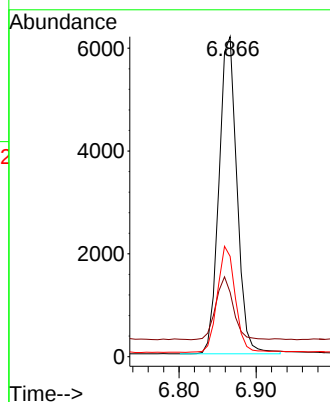
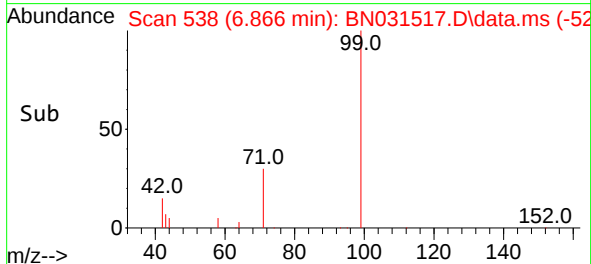


#5  
Phenol-d6  
Concen: 0.256 ng  
RT: 6.866 min Scan# 51  
Delta R.T. -0.007 min  
Lab File: BN031517.D  
Acq: 14 May 2024 09:56

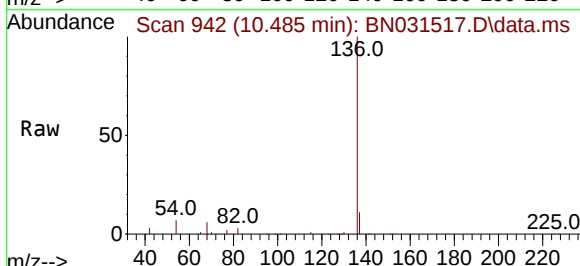
Instrument :  
BNA\_N  
ClientSampleId :  
PB160875BL



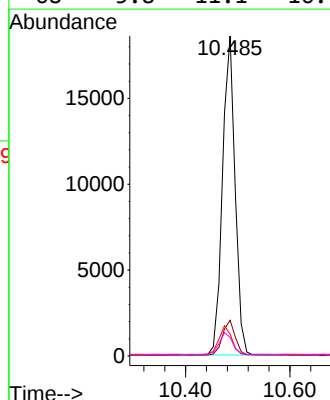
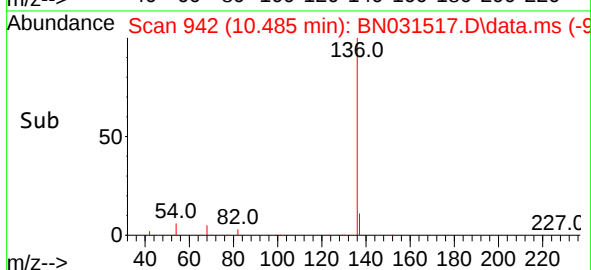
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 99    | Resp: | 10042 |
| Ion      | Ratio | Lower | Upper |
| 99       | 100   |       |       |
| 42       | 19.1  | 13.5  | 20.3  |
| 71       | 33.1  | 26.1  | 39.1  |

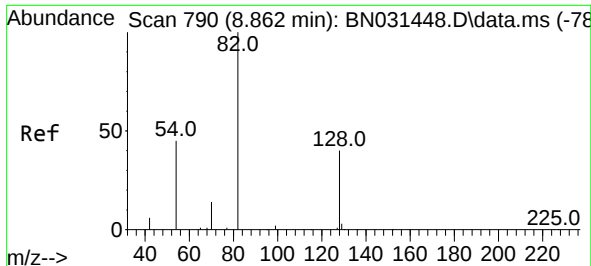


#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.485 min Scan# 942  
Delta R.T. -0.011 min  
Lab File: BN031517.D  
Acq: 14 May 2024 09:56



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 31108 |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 11.1  | 10.1  | 15.1  |
| 54       | 6.8   | 10.5  | 15.7# |
| 68       | 5.8   | 11.1  | 16.7# |

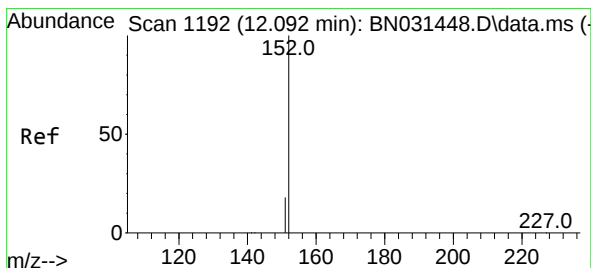
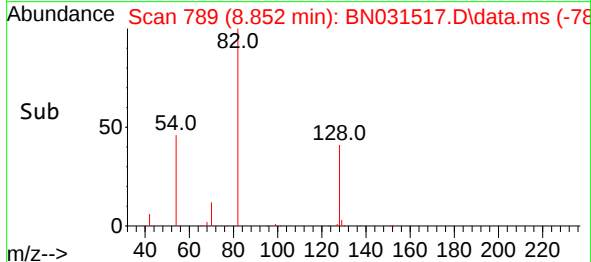
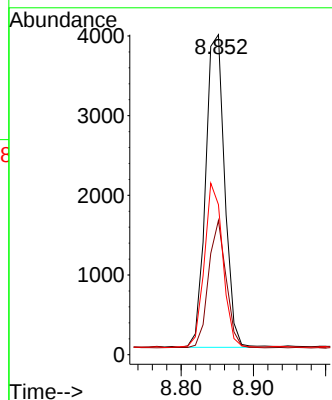
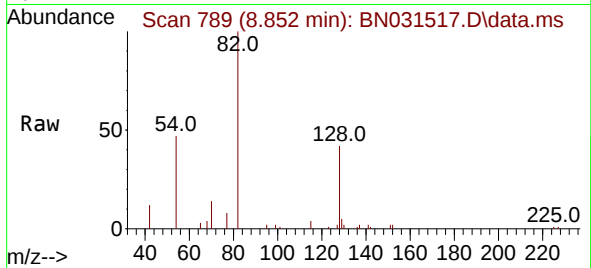




#8  
Nitrobenzene-d5  
Concen: 0.324 ng  
RT: 8.852 min Scan# 71  
Delta R.T. -0.011 min  
Lab File: BN031517.D  
Acq: 14 May 2024 09:56

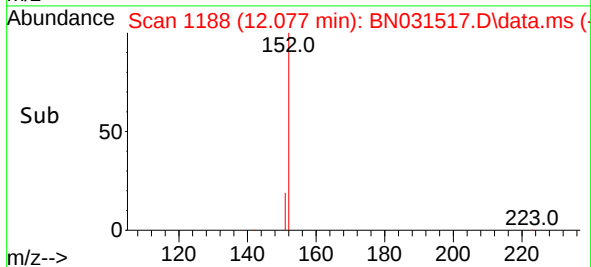
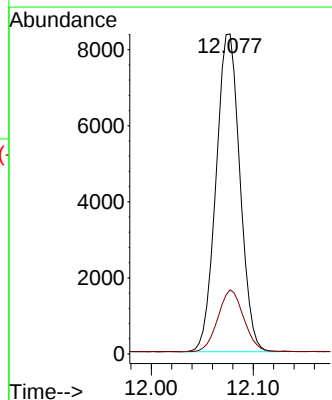
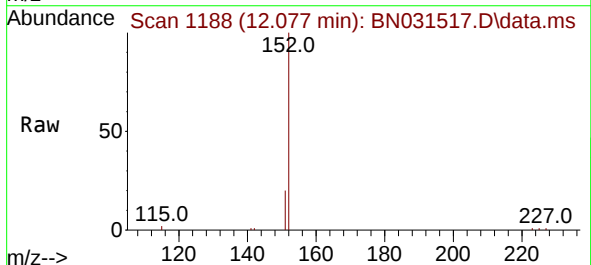
Instrument :  
BNA\_N  
ClientSampleId :  
PB160875BL

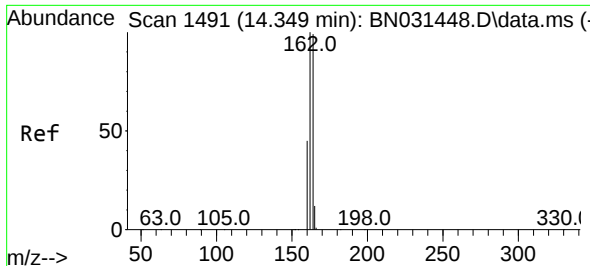
Tgt Ion: 82 Resp: 7223  
Ion Ratio Lower Upper  
82 100  
128 42.0 29.0 43.6  
54 46.9 37.2 55.8



#11  
2-Methylnaphthalene-d10  
Concen: 0.271 ng  
RT: 12.077 min Scan# 1188  
Delta R.T. -0.015 min  
Lab File: BN031517.D  
Acq: 14 May 2024 09:56

Tgt Ion: 152 Resp: 13576  
Ion Ratio Lower Upper  
152 100  
151 21.0 16.6 25.0

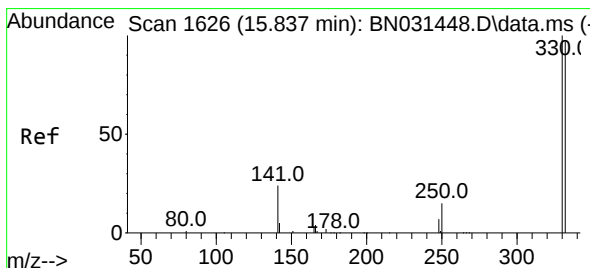
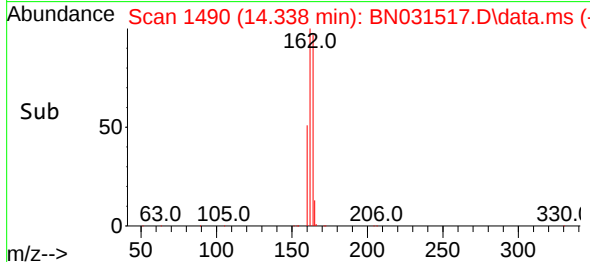
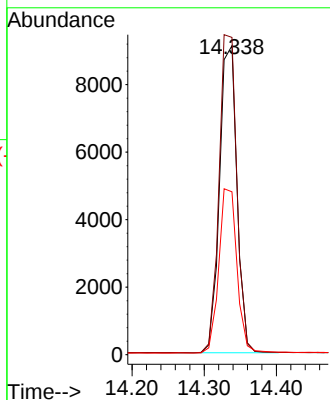
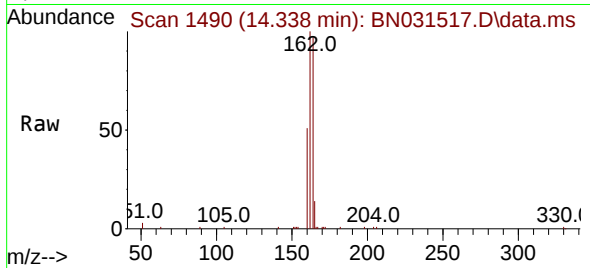




#13  
 Acenaphthene-d10  
 Concen: 0.400 ng  
 RT: 14.338 min Scan# 14  
 Delta R.T. -0.011 min  
 Lab File: BN031517.D  
 Acq: 14 May 2024 09:56

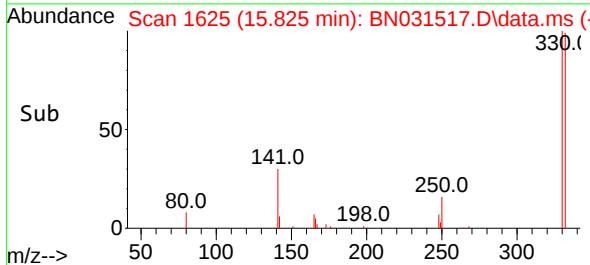
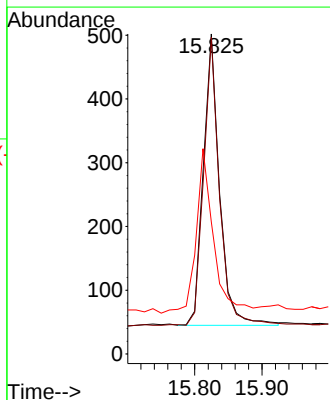
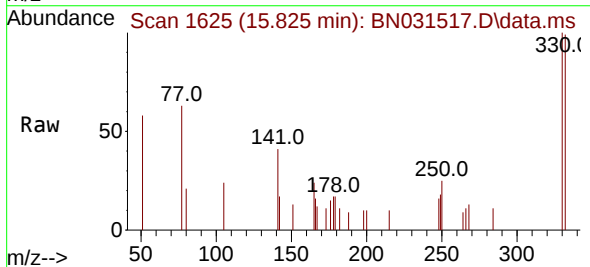
Instrument :  
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 PB160875BL

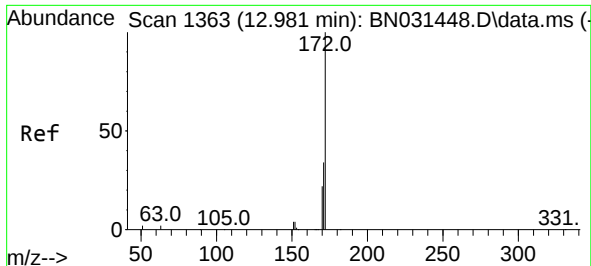
Tgt Ion:164 Resp: 15236  
 Ion Ratio Lower Upper  
 164 100  
 162 102.7 81.2 121.8  
 160 52.7 37.0 55.6



#14  
 2,4,6-Tribromophenol  
 Concen: 0.133 ng  
 RT: 15.825 min Scan# 1625  
 Delta R.T. -0.012 min  
 Lab File: BN031517.D  
 Acq: 14 May 2024 09:56

Tgt Ion:330 Resp: 768  
 Ion Ratio Lower Upper  
 330 100  
 332 96.2 76.6 114.8  
 141 59.9 37.0 55.4#

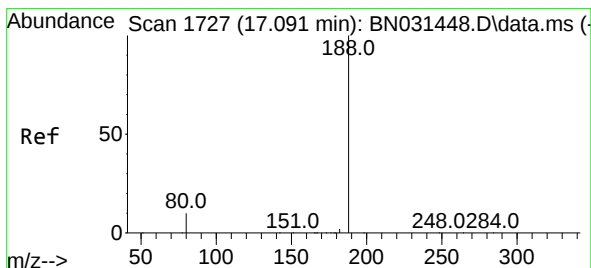
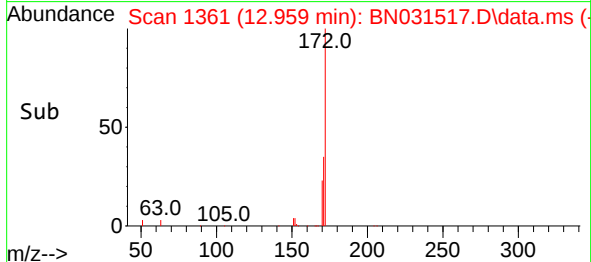
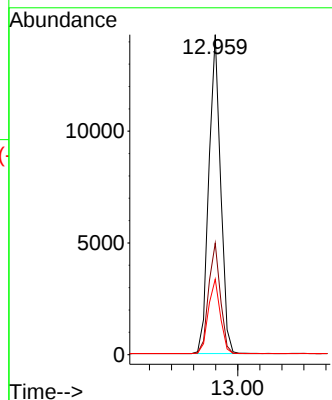
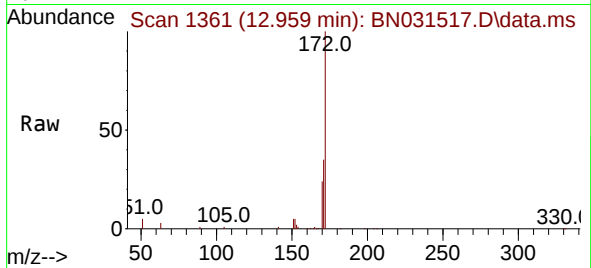




#15  
2-Fluorobiphenyl  
Concen: 0.361 ng  
RT: 12.959 min Scan# 11  
Delta R.T. -0.021 min  
Lab File: BN031517.D  
Acq: 14 May 2024 09:56

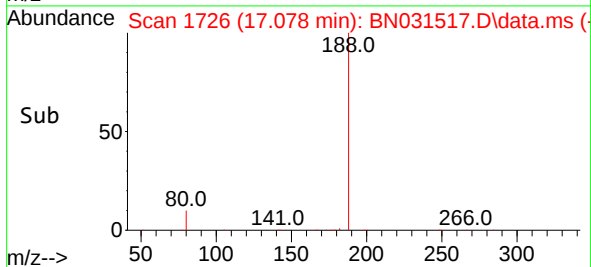
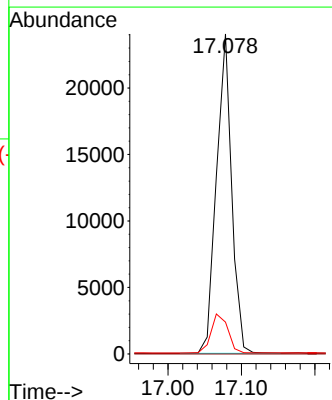
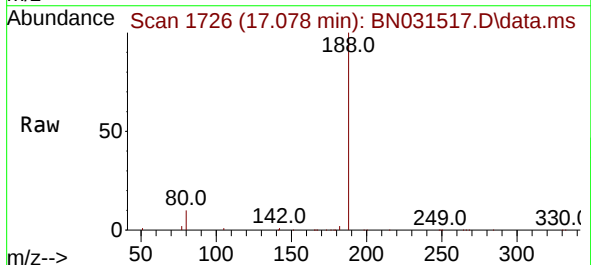
Instrument :  
BNA\_N  
ClientSampleId :  
PB160875BL

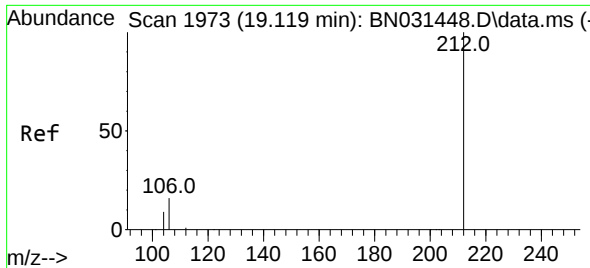
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Ion Ratio Lower Upper  
172 100  
171 34.9 27.8 41.8  
170 23.6 18.3 27.5



#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.078 min Scan# 1726  
Delta R.T. -0.013 min  
Lab File: BN031517.D  
Acq: 14 May 2024 09:56

Tgt Ion:188 Resp: 34520  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 9.9 9.6 14.4

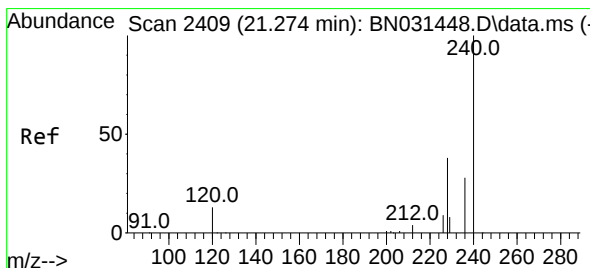
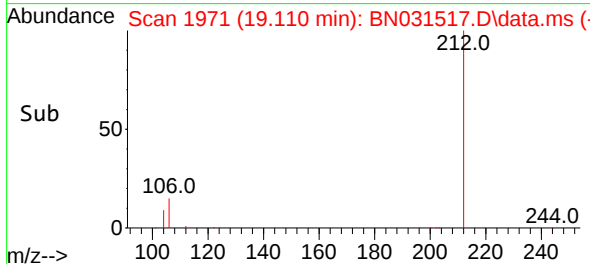
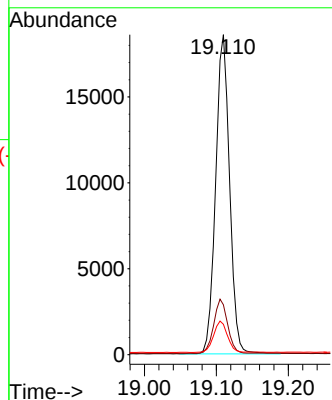
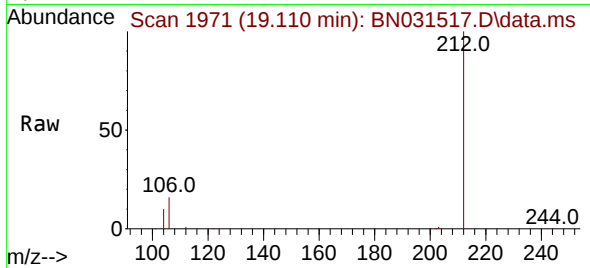




#27  
Fluoranthene-d10  
Concen: 0.260 ng  
RT: 19.110 min Scan# 1971  
Delta R.T. -0.009 min  
Lab File: BN031517.D  
Acq: 14 May 2024 09:56

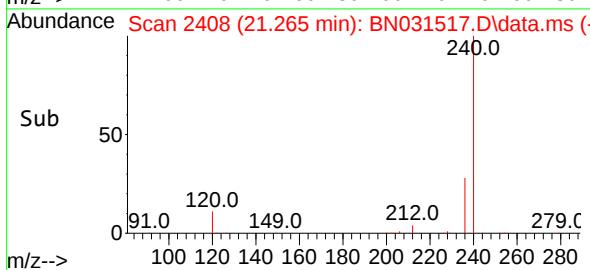
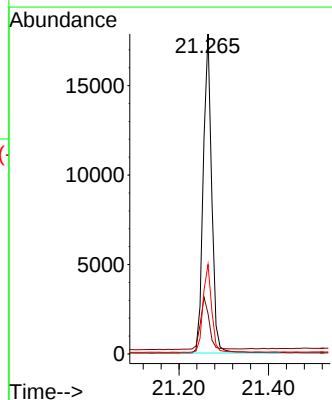
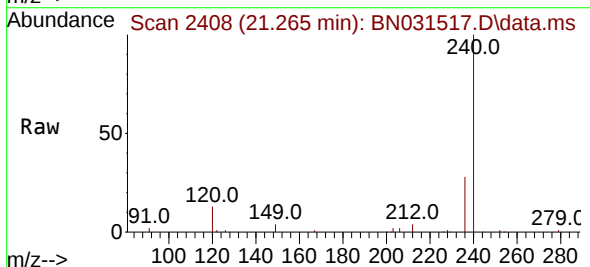
Instrument :  
BNA\_N  
ClientSampleId :  
PB160875BL

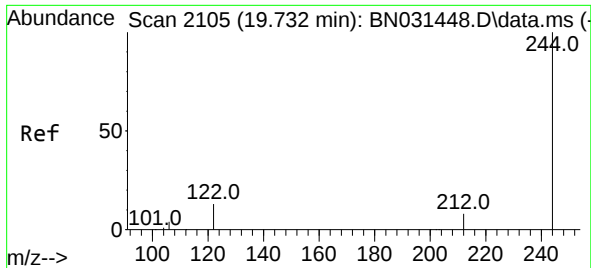
Tgt Ion:212 Resp: 24905  
Ion Ratio Lower Upper  
212 100  
106 17.0 12.0 18.0  
104 9.8 6.9 10.3



#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.265 min Scan# 2408  
Delta R.T. -0.009 min  
Lab File: BN031517.D  
Acq: 14 May 2024 09:56

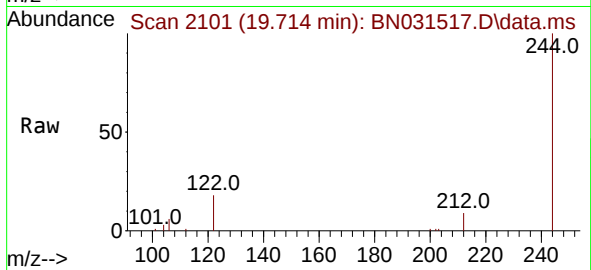
Tgt Ion:240 Resp: 23503  
Ion Ratio Lower Upper  
240 100  
120 12.6 11.4 17.2  
236 28.0 22.2 33.4



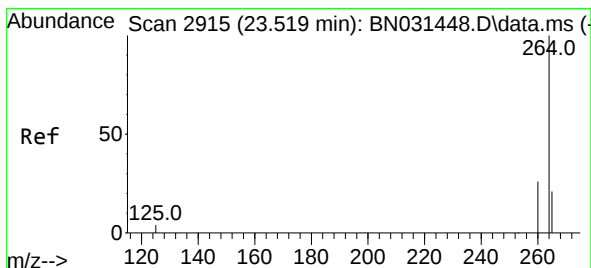
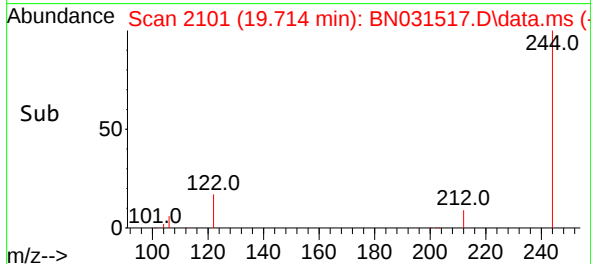
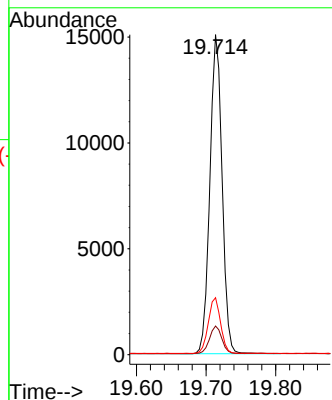


#31  
Terphenyl-d14  
Concen: 0.319 ng  
RT: 19.714 min Scan# 2101  
Delta R.T. -0.019 min  
Lab File: BN031517.D  
Acq: 14 May 2024 09:56

Instrument :  
BNA\_N  
ClientSampleId :  
PB160875BL



Tgt Ion:244 Resp: 18339  
Ion Ratio Lower Upper  
244 100  
212 9.0 6.5 9.7  
122 17.8 11.4 17.2#



#35  
Perylene-d12  
Concen: 0.400 ng  
RT: 23.499 min Scan# 2908  
Delta R.T. -0.021 min  
Lab File: BN031517.D  
Acq: 14 May 2024 09:56

Tgt Ion:264 Resp: 21309  
Ion Ratio Lower Upper  
264 100  
260 25.4 20.6 31.0  
265 46.1 24.0 36.0#

