

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN082922\  
 Data File : BN021434.D  
 Acq On : 29 Aug 2022 23:51  
 Operator : CG/JU  
 Sample : PB147305BL  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB147305BL

Quant Time: Aug 30 01:17:12 2022  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN082922.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Aug 29 16:30:43 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|--------|------|----------|-------|-------|----------|
| -----                       |        |      |          |       |       |          |
| Internal Standards          |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.076  | 152  | 4101     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8           | 10.909 | 136  | 12418    | 0.400 | ng    | 0.00     |
| 13) Acenaphthene-d10        | 14.729 | 164  | 6150     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10        | 17.480 | 188  | 12359    | 0.400 | ng    | 0.00     |
| 29) Chrysene-d12            | 21.664 | 240  | 8266     | 0.400 | ng    | 0.00     |
| 35) Perylene-d12            | 24.182 | 264  | 6472     | 0.400 | ng    | -0.01    |
| System Monitoring Compounds |        |      |          |       |       |          |
| 4) 2-Fluorophenol           | 5.599  | 112  | 3181     | 0.396 | ng    | 0.00     |
| 5) Phenol-d6                | 7.224  | 99   | 3809     | 0.372 | ng    | 0.00     |
| 8) Nitrobenzene-d5          | 9.254  | 82   | 2768     | 0.330 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10 | 12.493 | 152  | 10431    | 0.373 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol    | 16.229 | 330  | 341      | 0.169 | ng    | 0.01     |
| 15) 2-Fluorobiphenyl        | 13.360 | 172  | 9900     | 0.368 | ng    | 0.00     |
| 27) Fluoranthene-d10        | 19.506 | 212  | 12080    | 0.380 | ng    | 0.00     |
| 31) Terphenyl-d14           | 20.097 | 244  | 7775     | 0.419 | ng    | 0.00     |

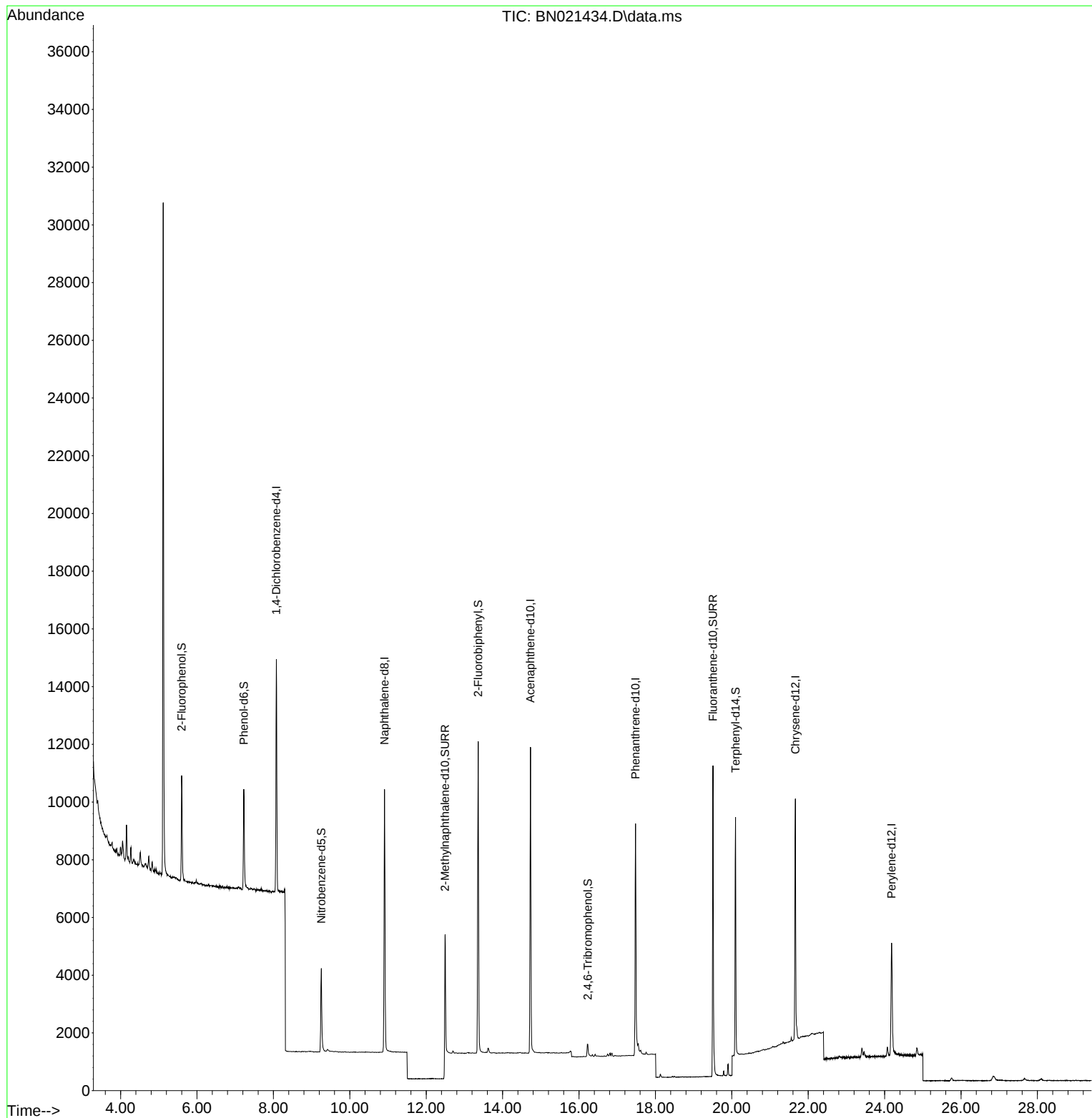
Target Compounds Qvalue

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

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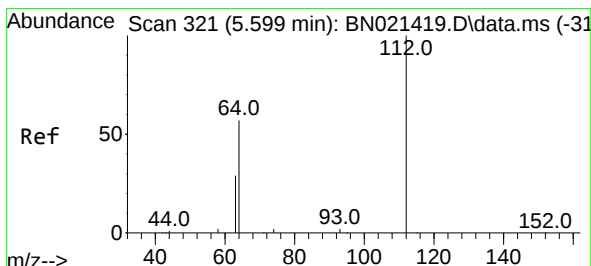
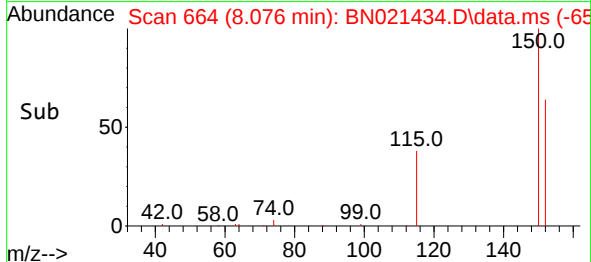
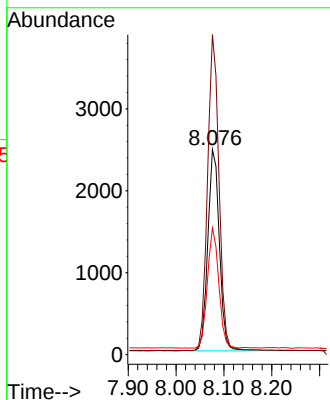
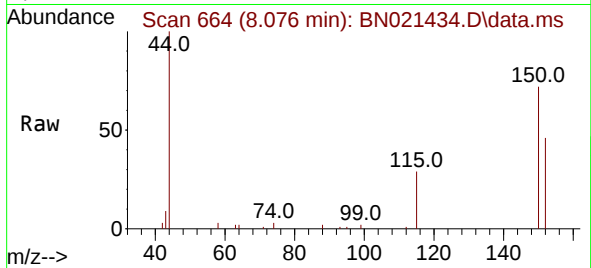




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 8.076 min Scan# 665  
 Delta R.T. -0.007 min  
 Lab File: BN021434.D  
 Acq: 29 Aug 2022 23:51

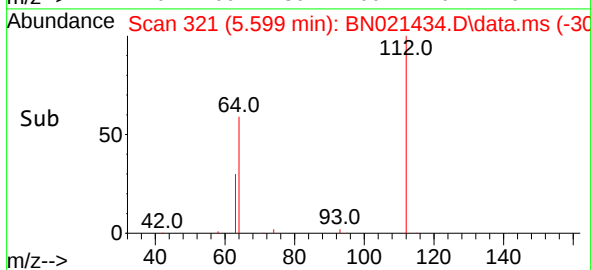
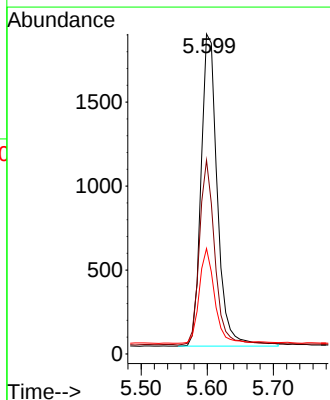
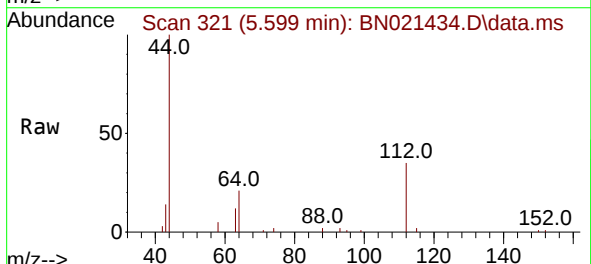
Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB147305BL

Tgt Ion:152 Resp: 4101  
 Ion Ratio Lower Upper  
 152 100  
 150 156.0 121.4 182.0  
 115 61.9 48.6 72.8



#4  
 2-Fluorophenol  
 Concen: 0.396 ng  
 RT: 5.599 min Scan# 321  
 Delta R.T. 0.000 min  
 Lab File: BN021434.D  
 Acq: 29 Aug 2022 23:51

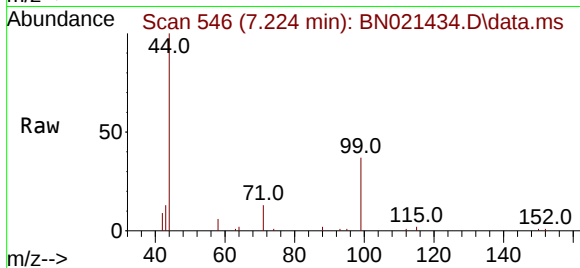
Tgt Ion:112 Resp: 3181  
 Ion Ratio Lower Upper  
 112 100  
 64 56.7 43.5 65.3  
 63 28.4 22.6 34.0



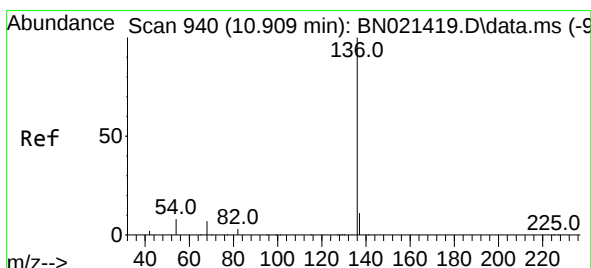
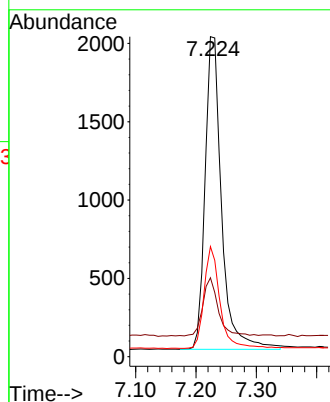
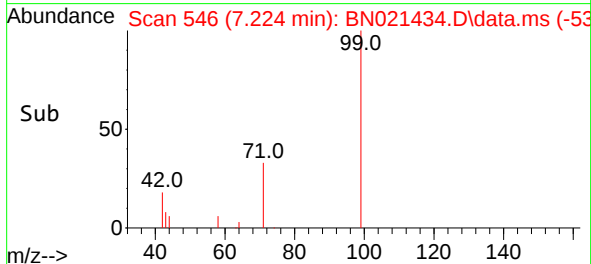


#5  
Phenol-d6  
Concen: 0.372 ng  
RT: 7.224 min Scan# 546  
Delta R.T. 0.000 min  
Lab File: BN021434.D  
Acq: 29 Aug 2022 23:51

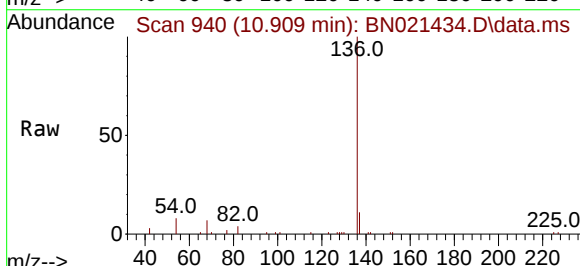
Instrument :  
BNA\_N  
ClientSampleId :  
PB147305BL



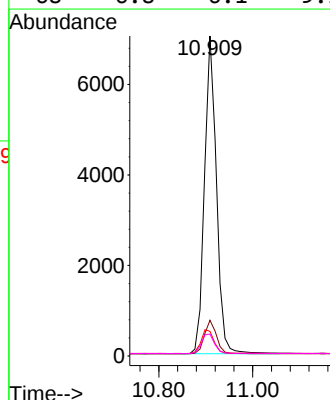
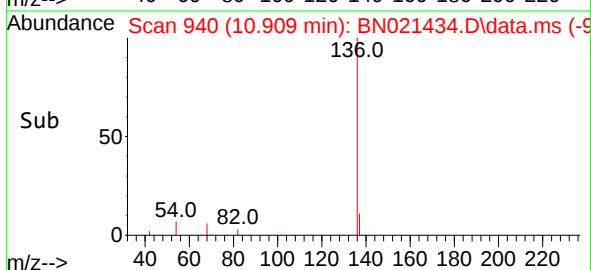
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 99    | Resp: | 3809  |
| Ion      | Ratio | Lower | Upper |
| 99       | 100   |       |       |
| 42       | 17.5  | 15.5  | 23.3  |
| 71       | 31.3  | 24.2  | 36.2  |



#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.909 min Scan# 940  
Delta R.T. -0.000 min  
Lab File: BN021434.D  
Acq: 29 Aug 2022 23:51



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 12418 |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 11.2  | 9.3   | 13.9  |
| 54       | 7.7   | 6.9   | 10.3  |
| 68       | 6.8   | 6.1   | 9.1   |

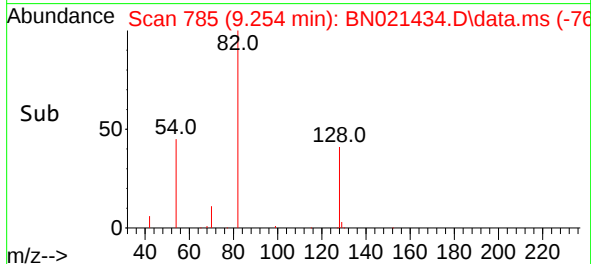
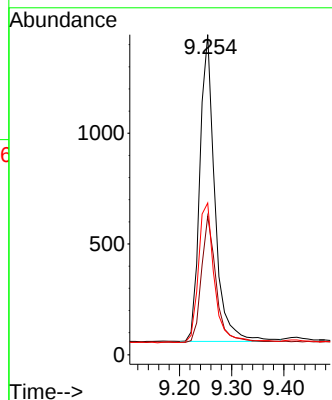
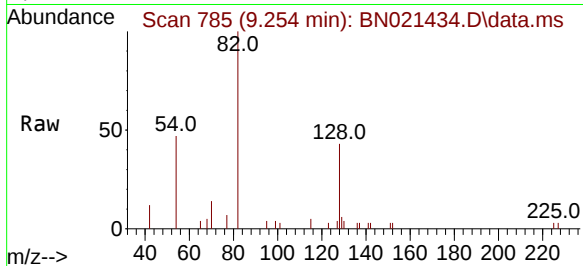




#8  
Nitrobenzene-d5  
Concen: 0.330 ng  
RT: 9.254 min Scan# 785  
Delta R.T. 0.000 min  
Lab File: BN021434.D  
Acq: 29 Aug 2022 23:51

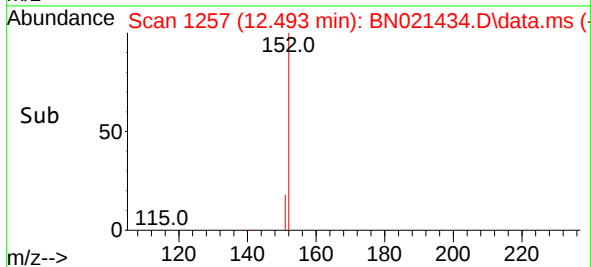
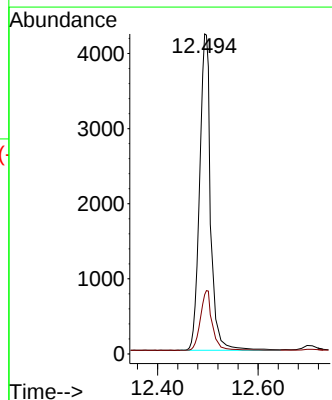
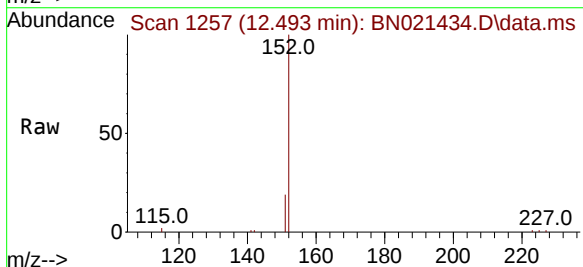
Instrument :  
BNA\_N  
ClientSampleId :  
PB147305BL

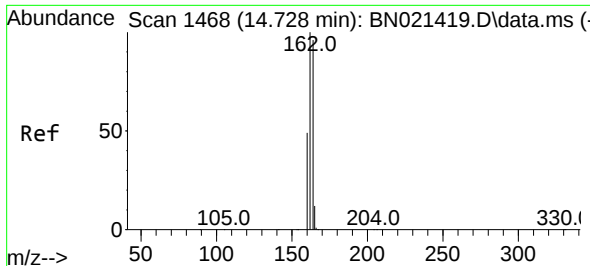
Tgt Ion: 82 Resp: 2768  
Ion Ratio Lower Upper  
82 100  
128 43.3 30.9 46.3  
54 47.4 42.7 64.1



#11  
2-Methylnaphthalene-d10  
Concen: 0.373 ng  
RT: 12.493 min Scan# 1257  
Delta R.T. -0.004 min  
Lab File: BN021434.D  
Acq: 29 Aug 2022 23:51

Tgt Ion: 152 Resp: 10431  
Ion Ratio Lower Upper  
152 100  
151 19.9 14.5 21.7

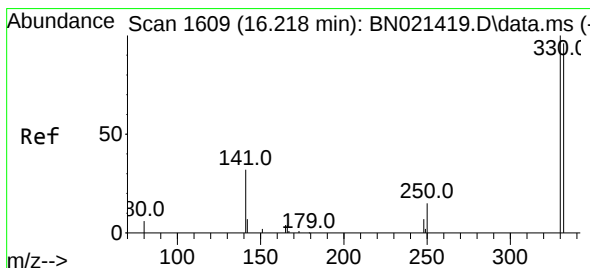
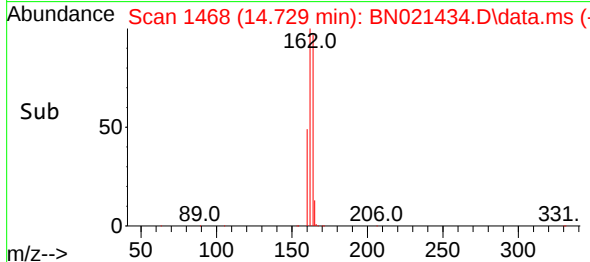
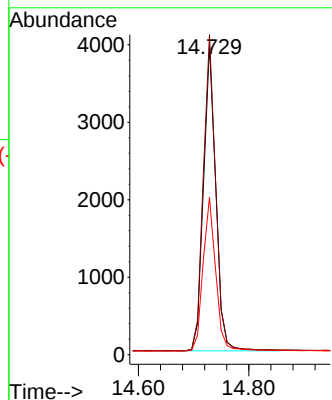
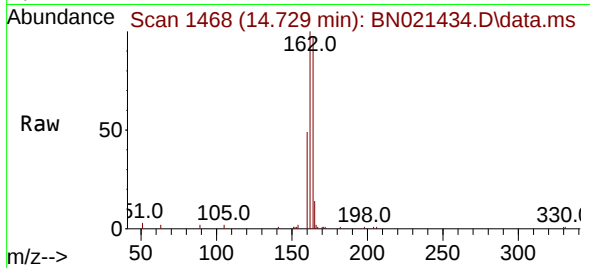




#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.729 min Scan# 1468  
Delta R.T. 0.001 min  
Lab File: BN021434.D  
Acq: 29 Aug 2022 23:51

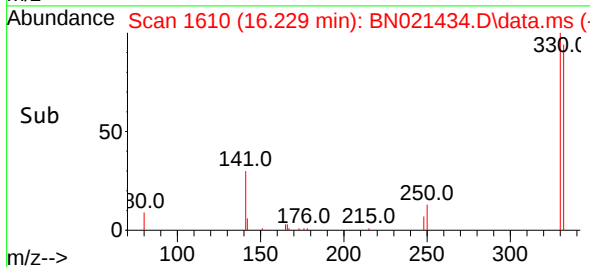
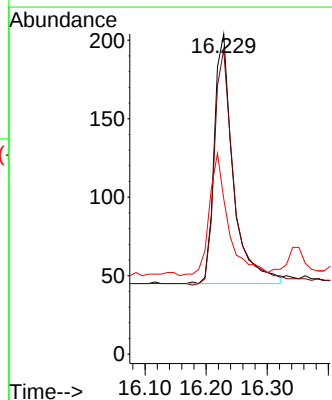
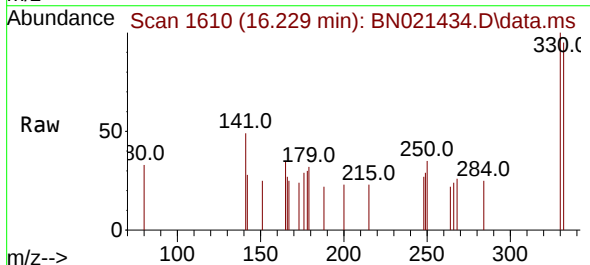
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ClientSampleId :  
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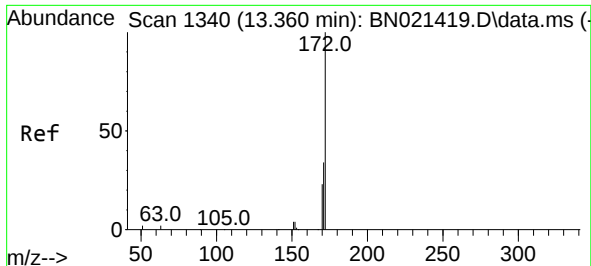
Tgt Ion:164 Resp: 6150  
Ion Ratio Lower Upper  
164 100  
162 103.4 82.2 123.4  
160 50.8 39.5 59.3



#14  
2,4,6-Tribromophenol  
Concen: 0.169 ng  
RT: 16.229 min Scan# 1610  
Delta R.T. 0.011 min  
Lab File: BN021434.D  
Acq: 29 Aug 2022 23:51

Tgt Ion:330 Resp: 341  
Ion Ratio Lower Upper  
330 100  
332 99.1 79.3 118.9  
141 49.6 37.1 55.7

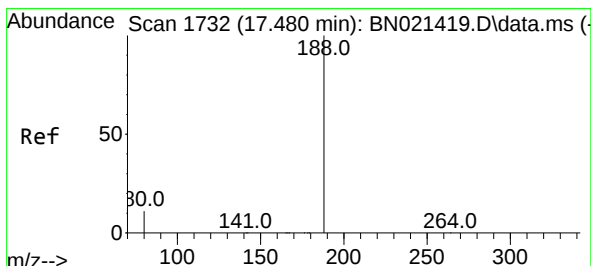
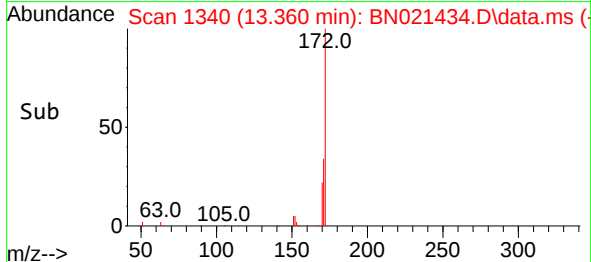
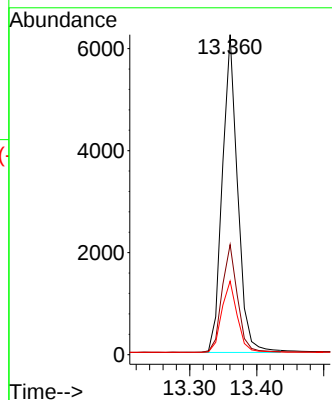
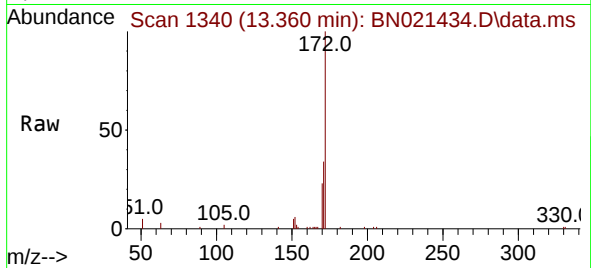




#15  
2-Fluorobiphenyl  
Concen: 0.368 ng  
RT: 13.360 min Scan# 1340  
Delta R.T. 0.000 min  
Lab File: BN021434.D  
Acq: 29 Aug 2022 23:51

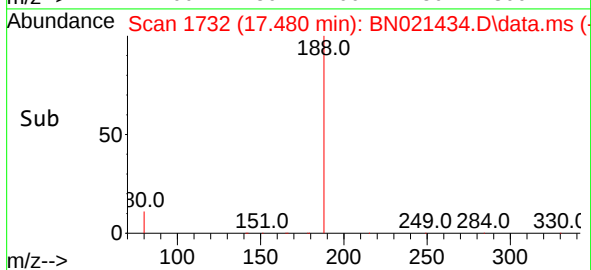
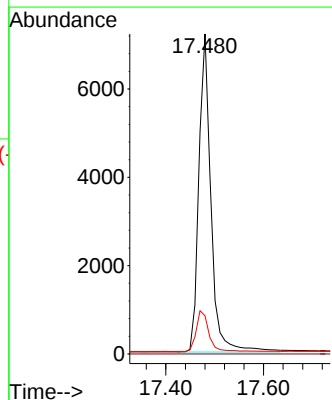
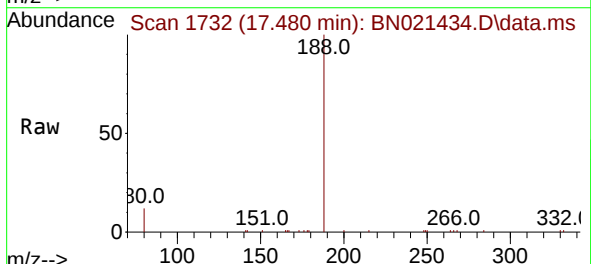
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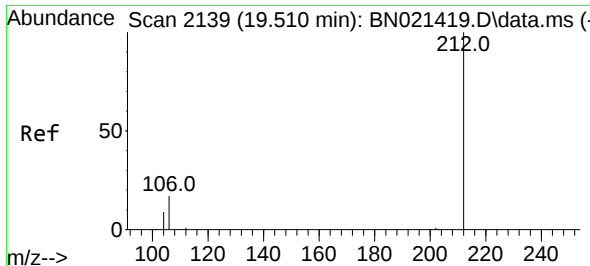
Tgt Ion:172 Resp: 9900  
Ion Ratio Lower Upper  
172 100  
171 34.4 27.8 41.6  
170 23.0 18.6 28.0



#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.480 min Scan# 1732  
Delta R.T. 0.000 min  
Lab File: BN021434.D  
Acq: 29 Aug 2022 23:51

Tgt Ion:188 Resp: 12359  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 11.9 9.5 14.3

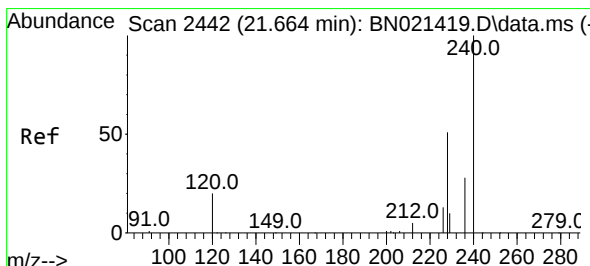
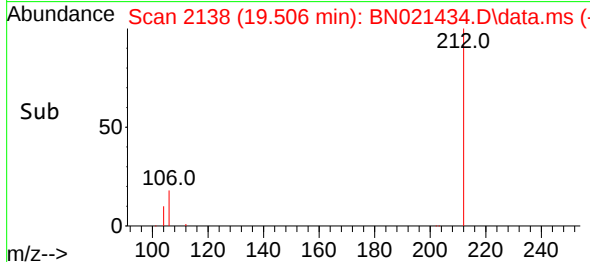
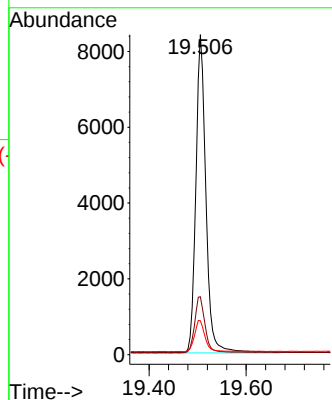
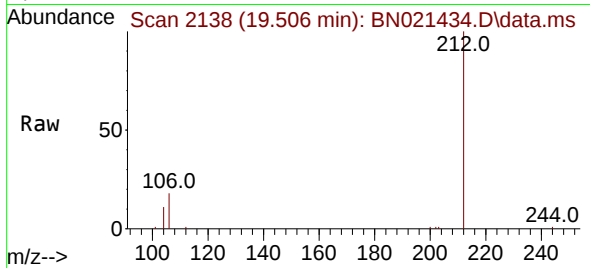




#27  
Fluoranthene-d10  
Concen: 0.380 ng  
RT: 19.506 min Scan# 2138  
Delta R.T. -0.004 min  
Lab File: BN021434.D  
Acq: 29 Aug 2022 23:51

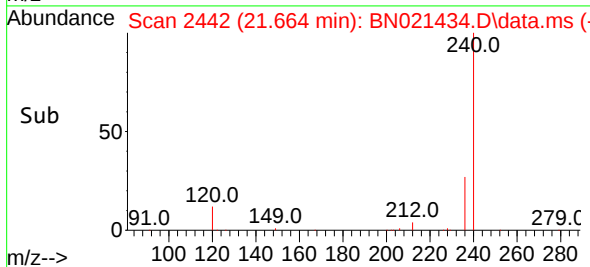
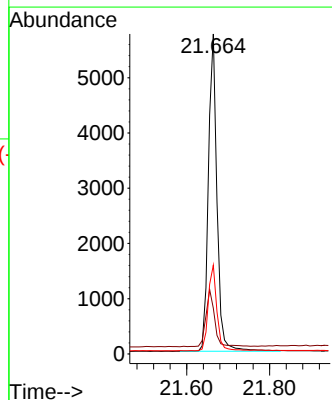
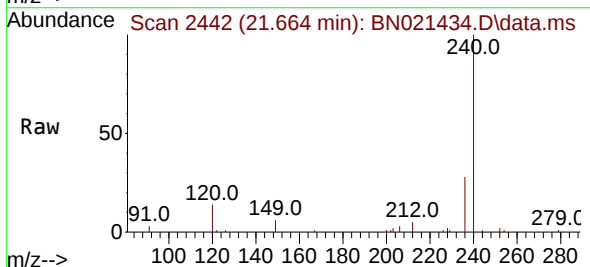
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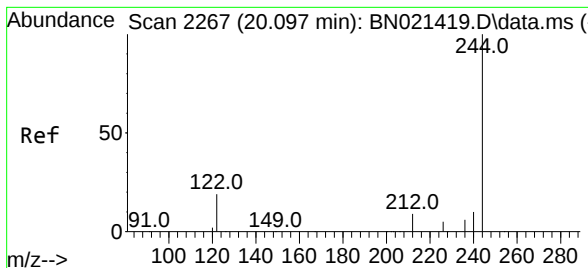
Tgt Ion:212 Resp: 12080  
Ion Ratio Lower Upper  
212 100  
106 17.9 14.2 21.2  
104 10.0 7.8 11.6



#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.664 min Scan# 2442  
Delta R.T. 0.000 min  
Lab File: BN021434.D  
Acq: 29 Aug 2022 23:51

Tgt Ion:240 Resp: 8266  
Ion Ratio Lower Upper  
240 100  
120 14.3 10.2 15.4  
236 27.8 22.1 33.1





#31

Terphenyl-d14

Concen: 0.419 ng

RT: 20.097 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN021434.D

Acq: 29 Aug 2022 23:51

Instrument :

BNA\_N

ClientSampleId :

PB147305BL

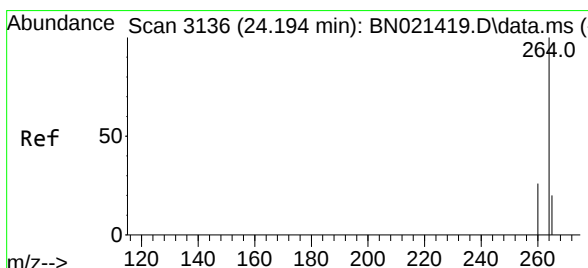
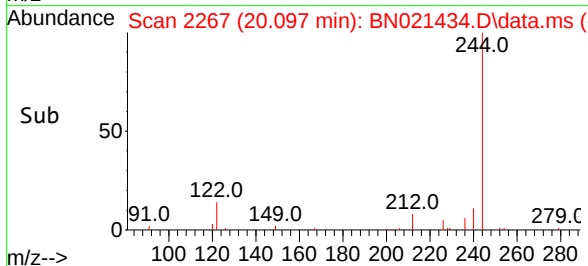
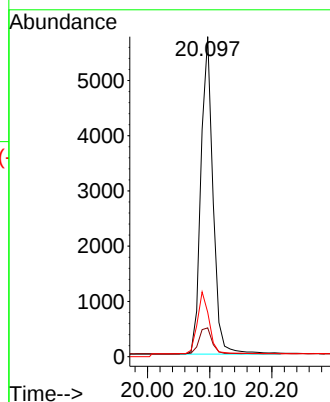
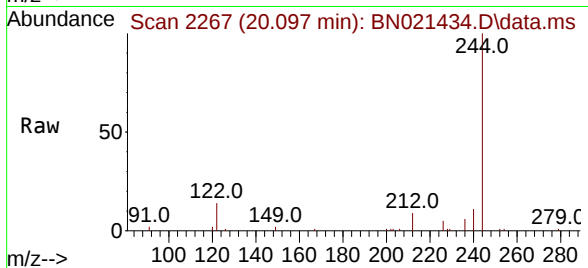
Tgt Ion:244 Resp: 7775

Ion Ratio Lower Upper

244 100

212 9.0 6.5 9.7

122 13.8 9.1 13.7#



#35

Perylene-d12

Concen: 0.400 ng

RT: 24.182 min Scan# 3132

Delta R.T. -0.012 min

Lab File: BN021434.D

Acq: 29 Aug 2022 23:51

Tgt Ion:264 Resp: 6472

Ion Ratio Lower Upper

264 100

260 27.8 21.0 31.6

265 42.5 32.2 48.2

