

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN040524\  
 Data File : BN030666.D  
 Acq On : 04 Apr 2024 18:17  
 Operator : MA/JU  
 Sample : P1964-03  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 RSB-02-47-040224

Quant Time: Apr 04 18:46:29 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN033024.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Mar 30 00:04:36 2024  
 Response via : Initial Calibration

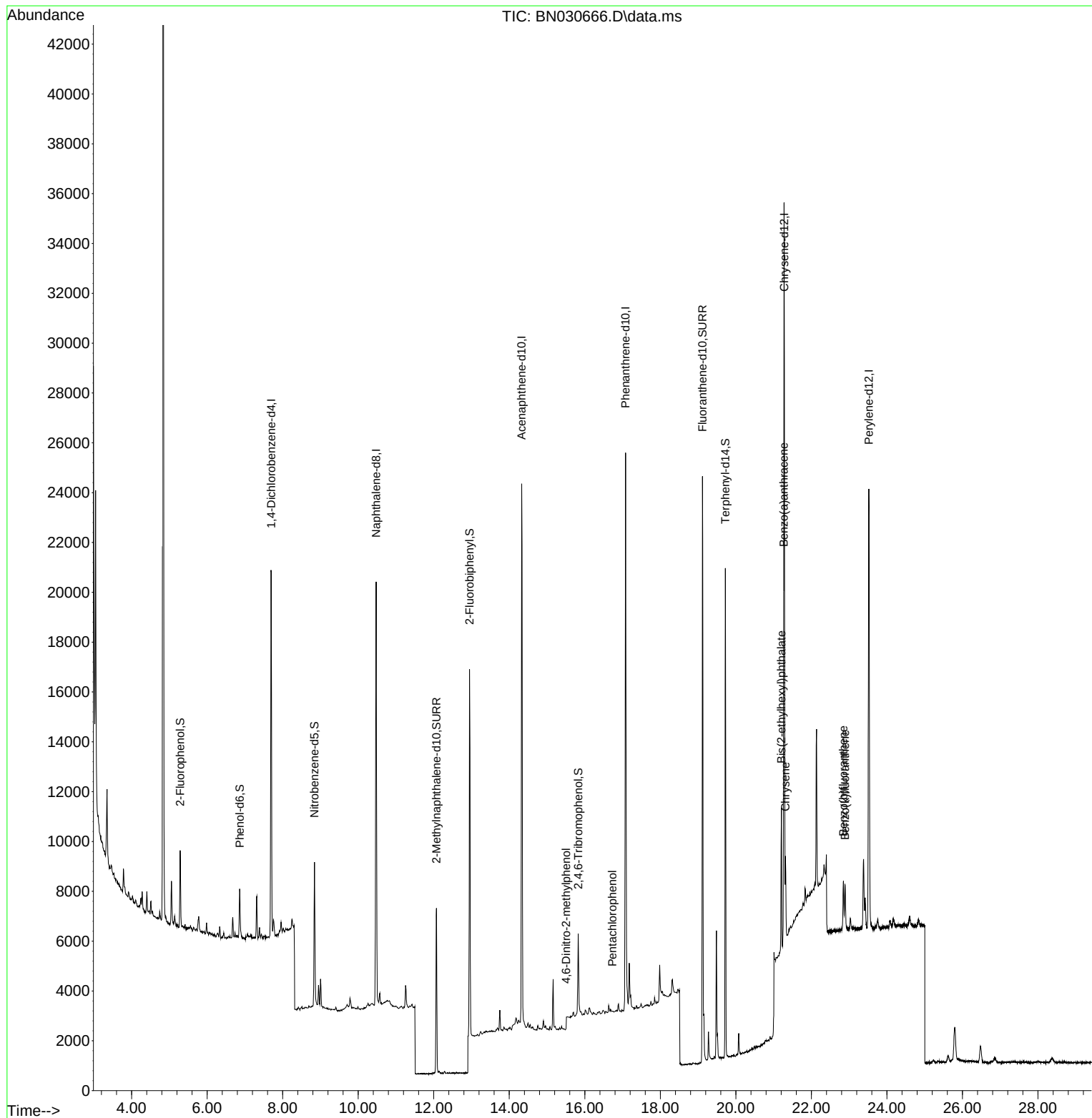
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.697  | 152  | 7489     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.475 | 136  | 22046    | 0.400 | ng    | -0.01    |
| 13) Acenaphthene-d10          | 14.327 | 164  | 13509    | 0.400 | ng    | -0.01    |
| 19) Phenanthrene-d10          | 17.078 | 188  | 30840    | 0.400 | ng    | #-0.01   |
| 29) Chrysene-d12              | 21.276 | 240  | 26643    | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12              | 23.521 | 264  | 23766    | 0.400 | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.284  | 112  | 2462     | 0.151 | ng    | -0.01    |
| 5) Phenol-d6                  | 6.866  | 99   | 1870     | 0.089 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.841  | 82   | 4469     | 0.288 | ng    | -0.01    |
| 11) 2-Methylnaphthalene-d10   | 12.070 | 152  | 8917     | 0.264 | ng    | -0.01    |
| 14) 2,4,6-Tribromophenol      | 15.824 | 330  | 1877     | 0.368 | ng    | -0.01    |
| 15) 2-Fluorobiphenyl          | 12.948 | 172  | 11819    | 0.226 | ng    | -0.02    |
| 27) Fluoranthene-d10          | 19.117 | 212  | 25383    | 0.305 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.721 | 244  | 18529    | 0.301 | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| Target Compounds              |        |      |          |       |       | Qvalue   |
| 20) 4,6-Dinitro-2-methylph... | 15.503 | 198  | 22       | 0.177 | ng    | # 1      |
| 24) Pentachlorophenol         | 16.730 | 266  | 30       | 0.175 | ng    | # 47     |
| 32) Benzo(a)anthracene        | 21.267 | 228  | 2538     | 0.027 | ng    | # 90     |
| 33) Chrysene                  | 21.312 | 228  | 2579     | 0.025 | ng    | # 91     |
| 34) Bis(2-ethylhexyl)phtha... | 21.205 | 149  | 5571     | 0.136 | ng    | # 98     |
| 37) Benzo(b)fluoranthene      | 22.846 | 252  | 2312     | 0.024 | ng    | # 12     |
| 38) Benzo(k)fluoranthene      | 22.890 | 252  | 2298     | 0.024 | ng    | # 13     |
| -----                         |        |      |          |       |       |          |

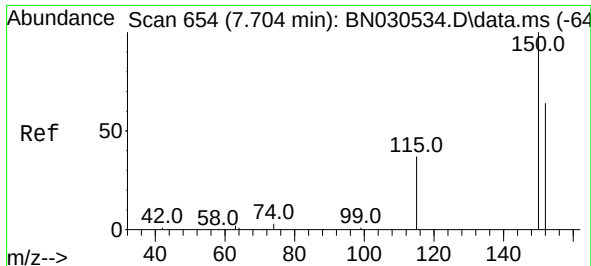
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN040524\  
Data File : BN030666.D  
Acq On : 04 Apr 2024 18:17  
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Sample : P1964-03  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_N  
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RSB-02-47-040224

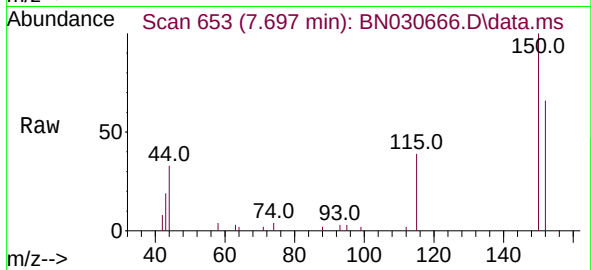
Quant Time: Apr 04 18:46:29 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN033024.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sat Mar 30 00:04:36 2024  
Response via : Initial Calibration



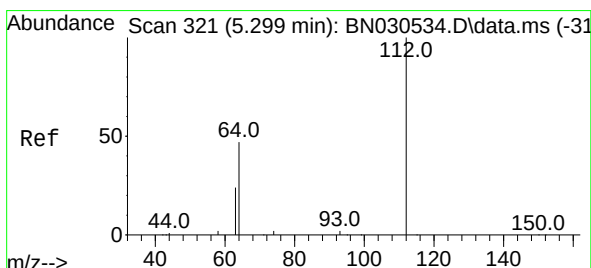
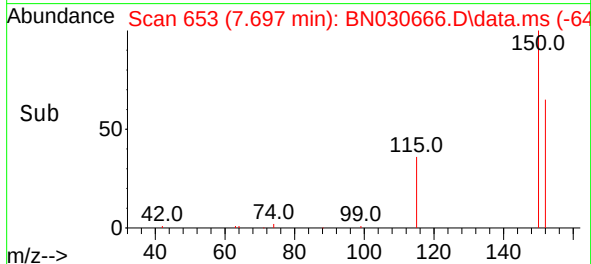
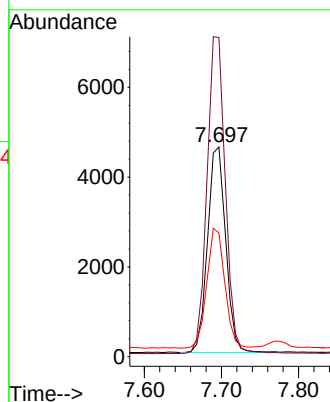


#1  
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.697 min Scan# 61  
Delta R.T. -0.007 min  
Lab File: BN030666.D  
Acq: 04 Apr 2024 18:17

Instrument :  
BNA\_N  
ClientSampleId :  
RSB-02-47-040224

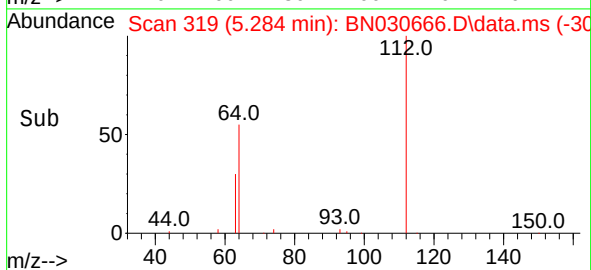
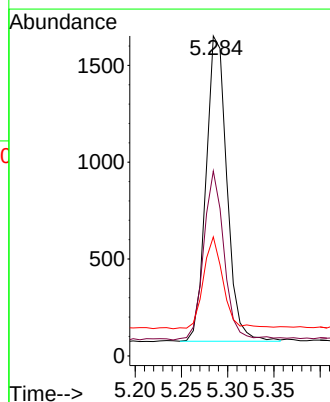
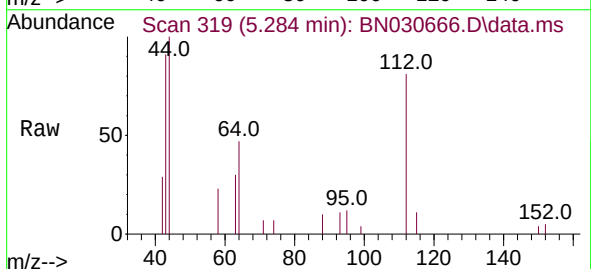


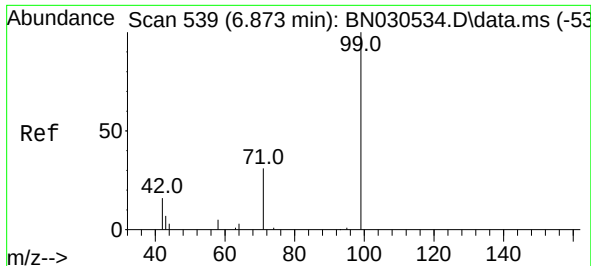
Tgt Ion:152 Resp: 7489  
Ion Ratio Lower Upper  
152 100  
150 152.1 124.2 186.4  
115 58.9 48.6 72.8



#4  
2-Fluorophenol  
Concen: 0.151 ng  
RT: 5.284 min Scan# 319  
Delta R.T. -0.014 min  
Lab File: BN030666.D  
Acq: 04 Apr 2024 18:17

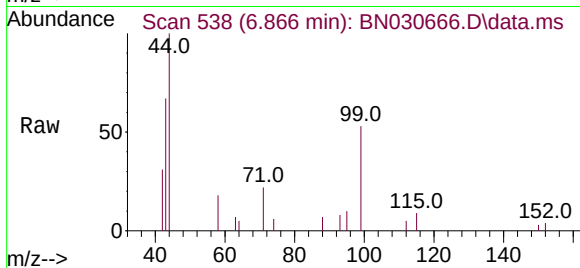
Tgt Ion:112 Resp: 2462  
Ion Ratio Lower Upper  
112 100  
64 54.1 43.2 64.8  
63 28.8 22.5 33.7



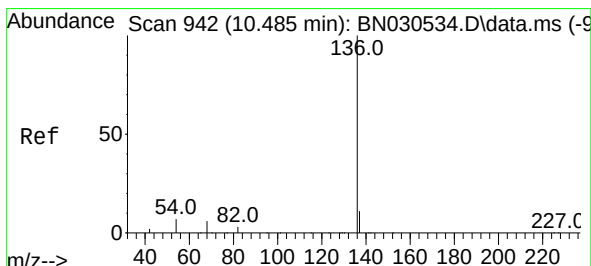
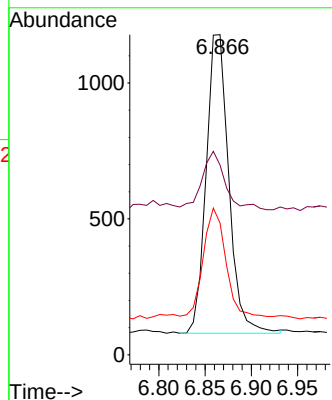
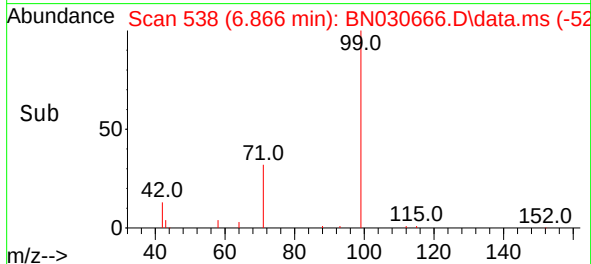


#5  
Phenol-d6  
Concen: 0.089 ng  
RT: 6.866 min Scan# 538  
Delta R.T. -0.007 min  
Lab File: BN030666.D  
Acq: 04 Apr 2024 18:17

Instrument :  
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RSB-02-47-040224

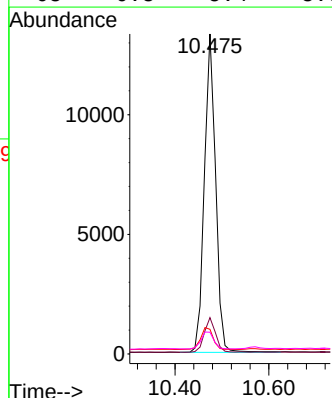
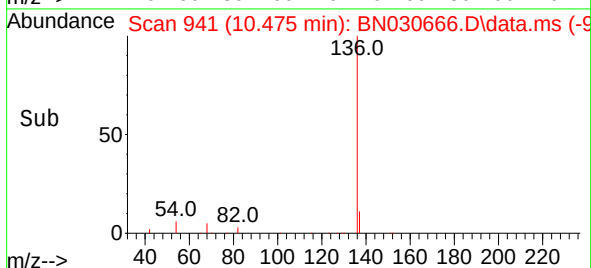
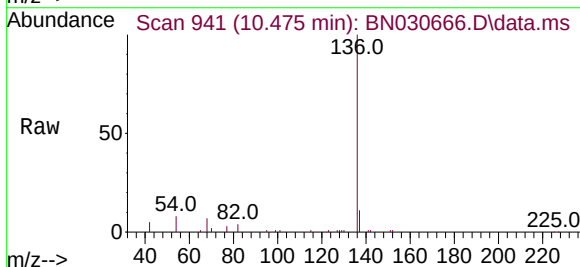


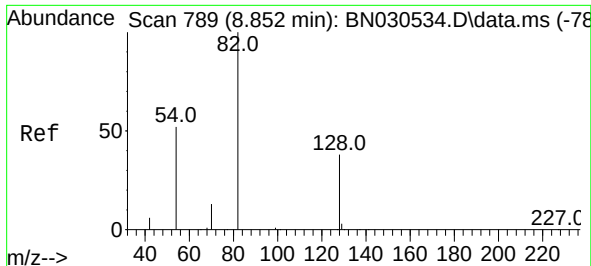
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 99    | Resp: | 1870  |
| Ion      | Ratio | Lower | Upper |
| 99       | 100   |       |       |
| 42       | 19.8  | 15.8  | 23.6  |
| 71       | 36.0  | 25.9  | 38.9  |



#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.475 min Scan# 941  
Delta R.T. -0.011 min  
Lab File: BN030666.D  
Acq: 04 Apr 2024 18:17

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 22046 |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 11.4  | 9.1   | 13.7  |
| 54       | 7.7   | 6.4   | 9.6   |
| 68       | 6.8   | 5.4   | 8.0   |

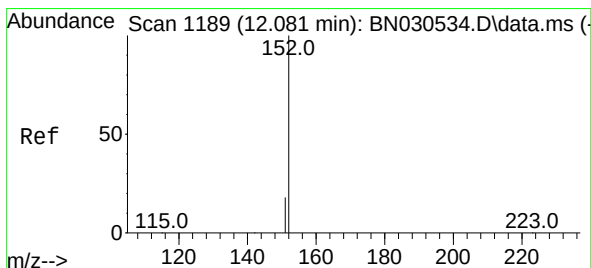
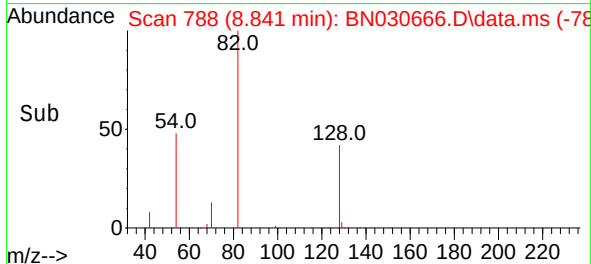
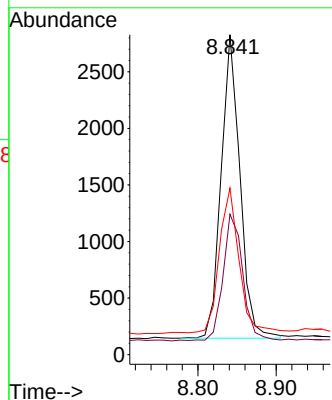
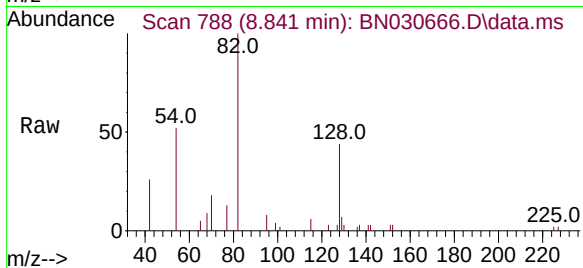




#8  
Nitrobenzene-d5  
Concen: 0.288 ng  
RT: 8.841 min Scan# 71  
Delta R.T. -0.011 min  
Lab File: BN030666.D  
Acq: 04 Apr 2024 18:17

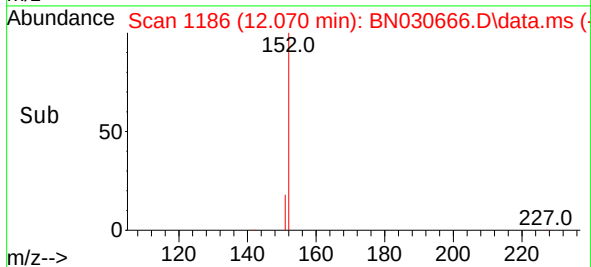
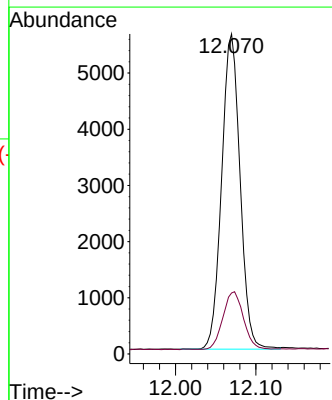
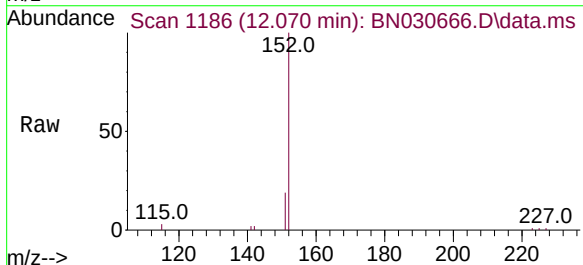
Instrument :  
BNA\_N  
ClientSampleId :  
RSB-02-47-040224

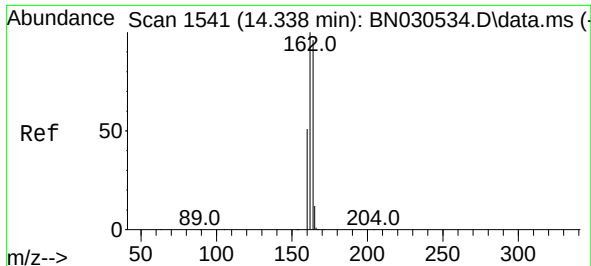
Tgt Ion: 82 Resp: 4469  
Ion Ratio Lower Upper  
82 100  
128 43.9 32.3 48.5  
54 52.1 42.7 64.1



#11  
2-Methylnaphthalene-d10  
Concen: 0.264 ng  
RT: 12.070 min Scan# 1186  
Delta R.T. -0.011 min  
Lab File: BN030666.D  
Acq: 04 Apr 2024 18:17

Tgt Ion: 152 Resp: 8917  
Ion Ratio Lower Upper  
152 100  
151 20.3 16.7 25.1

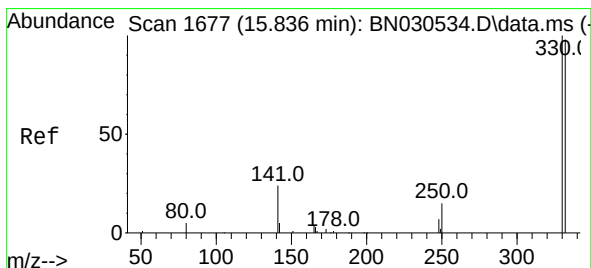
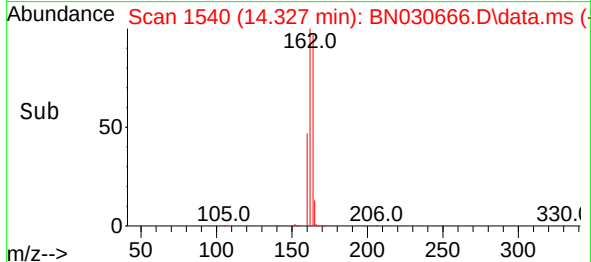
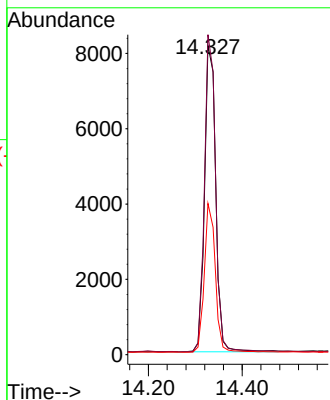
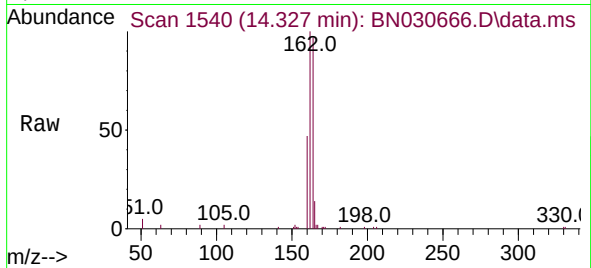




#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.327 min Scan# 11  
Delta R.T. -0.011 min  
Lab File: BN030666.D  
Acq: 04 Apr 2024 18:17

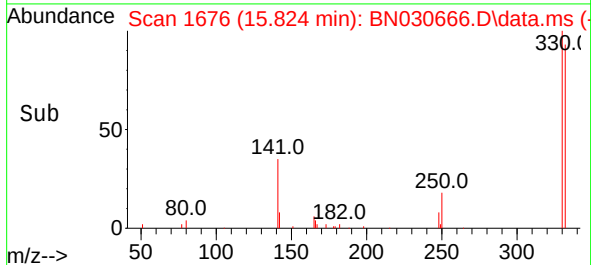
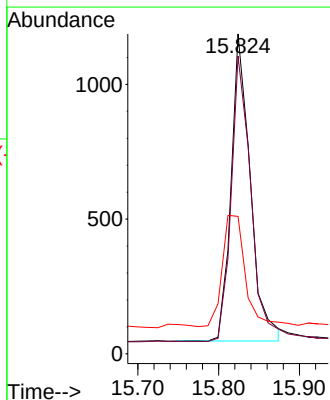
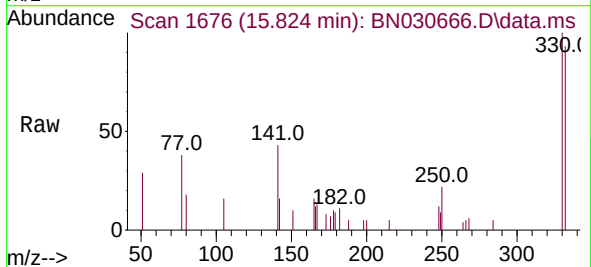
Instrument :  
BNA\_N  
ClientSampleId :  
RSB-02-47-040224

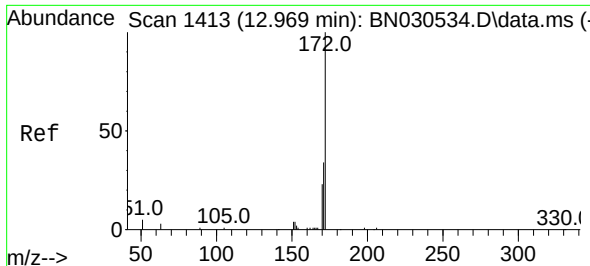
Tgt Ion:164 Resp: 13509  
Ion Ratio Lower Upper  
164 100  
162 103.5 83.5 125.3  
160 48.9 42.5 63.7



#14  
2,4,6-Tribromophenol  
Concen: 0.368 ng  
RT: 15.824 min Scan# 1676  
Delta R.T. -0.012 min  
Lab File: BN030666.D  
Acq: 04 Apr 2024 18:17

Tgt Ion:330 Resp: 1877  
Ion Ratio Lower Upper  
330 100  
332 95.0 77.0 115.6  
141 43.3 35.9 53.9





#15

2-Fluorobiphenyl

Concen: 0.226 ng

RT: 12.948 min Scan# 1411

Delta R.T. -0.021 min

Lab File: BN030666.D

Acq: 04 Apr 2024 18:17

Instrument :

BNA\_N

ClientSampleId :

RSB-02-47-040224

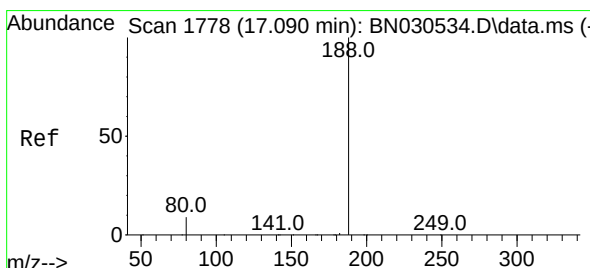
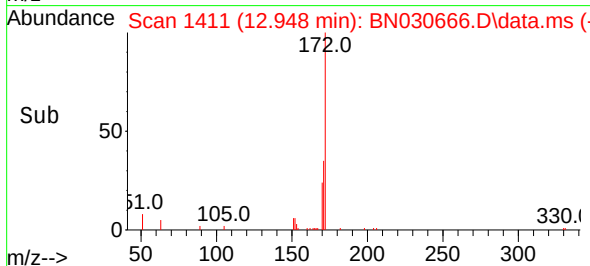
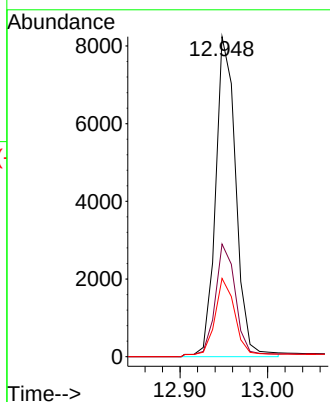
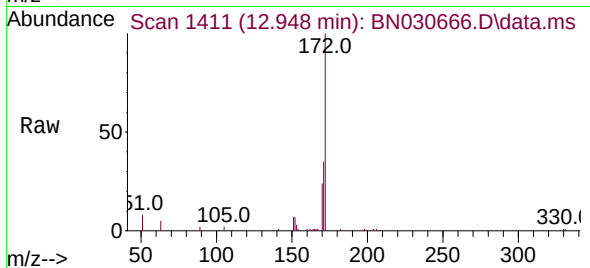
Tgt Ion:172 Resp: 11819

Ion Ratio Lower Upper

172 100

171 35.2 27.1 40.7

170 24.4 18.3 27.5



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.078 min Scan# 1777

Delta R.T. -0.012 min

Lab File: BN030666.D

Acq: 04 Apr 2024 18:17

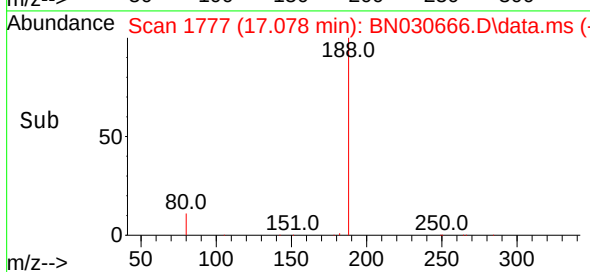
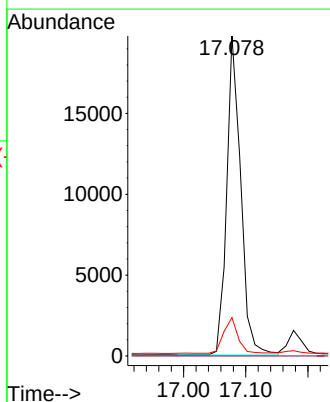
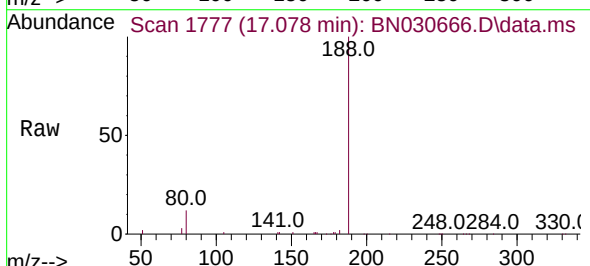
Tgt Ion:188 Resp: 30840

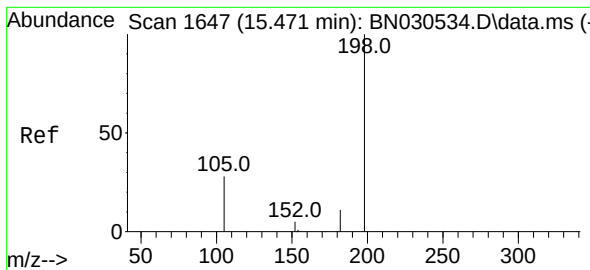
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 12.0 7.4 11.0#

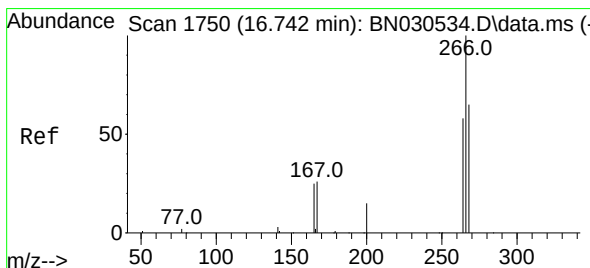
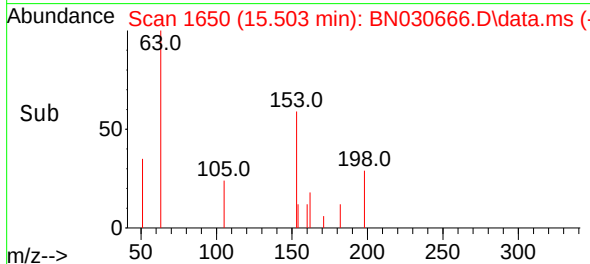
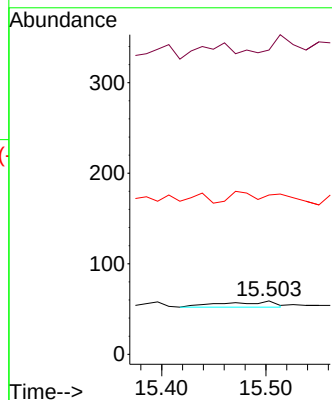
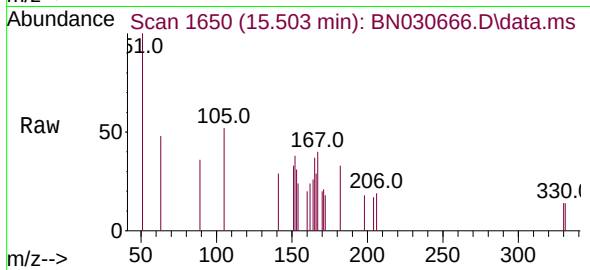




#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.177 ng  
RT: 15.503 min Scan# 1  
Delta R.T. 0.032 min  
Lab File: BN030666.D  
Acq: 04 Apr 2024 18:17

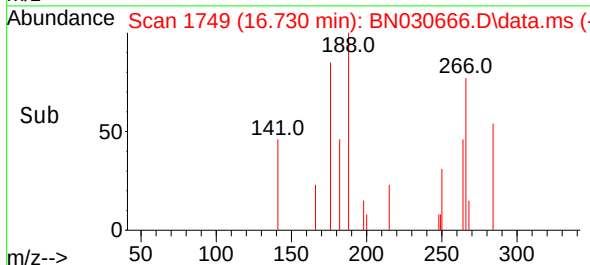
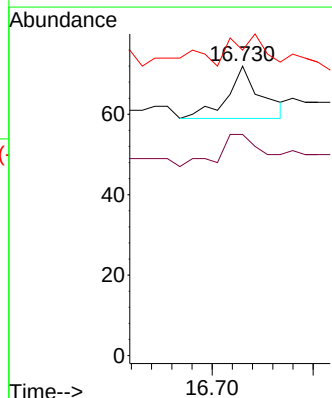
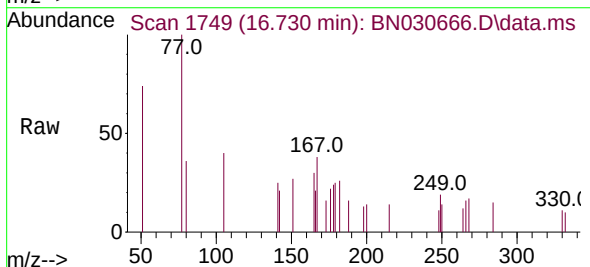
Instrument :  
BNA\_N  
ClientSampleId :  
RSB-02-47-040224

Tgt Ion:198 Resp: 22  
Ion Ratio Lower Upper  
198 100  
51 569.5 57.8 86.6#  
105 298.3 37.5 56.3#

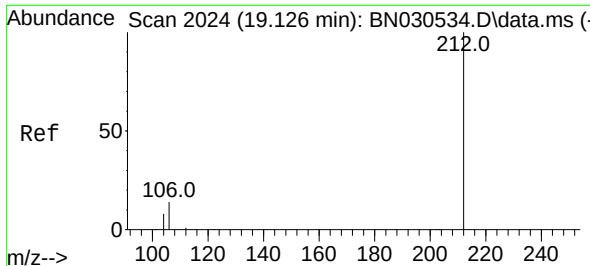


#24  
Pentachlorophenol  
Concen: 0.175 ng  
RT: 16.730 min Scan# 1749  
Delta R.T. -0.012 min  
Lab File: BN030666.D  
Acq: 04 Apr 2024 18:17

Tgt Ion:266 Resp: 30  
Ion Ratio Lower Upper  
266 100  
264 80.0 48.7 73.1#  
268 0.0 49.5 74.3#



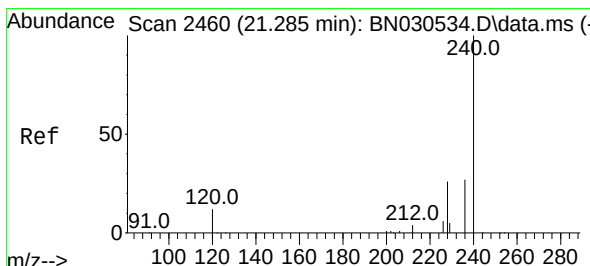
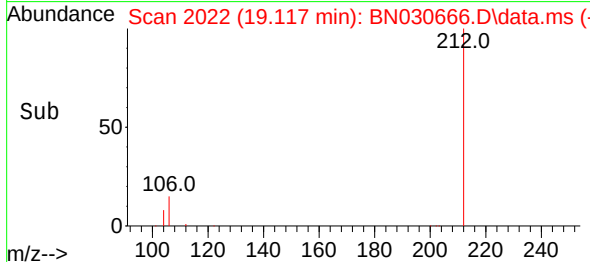
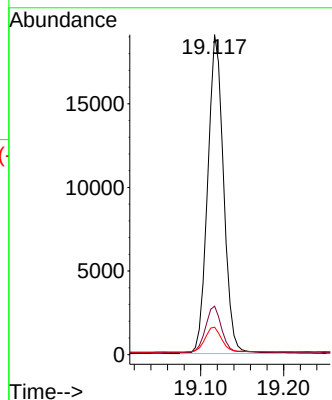
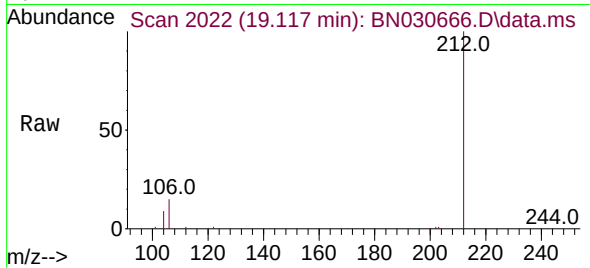




#27  
Fluoranthene-d10  
Concen: 0.305 ng  
RT: 19.117 min Scan# 20  
Delta R.T. -0.009 min  
Lab File: BN030666.D  
Acq: 04 Apr 2024 18:17

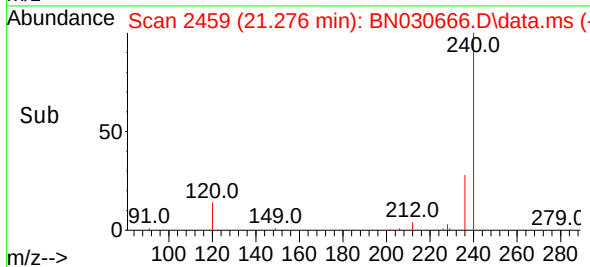
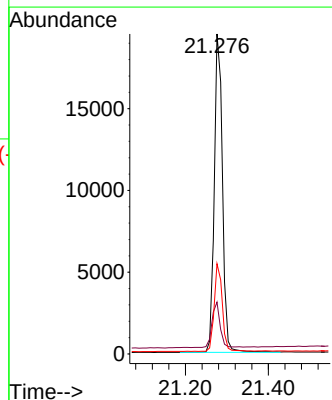
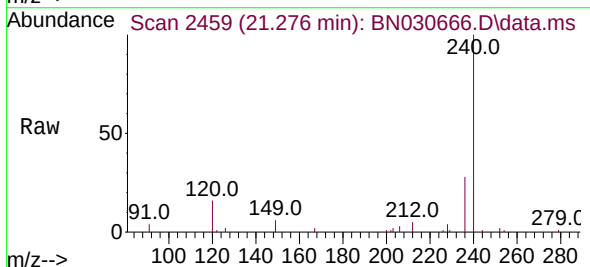
Instrument :  
BNA\_N  
ClientSampleId :  
RSB-02-47-040224

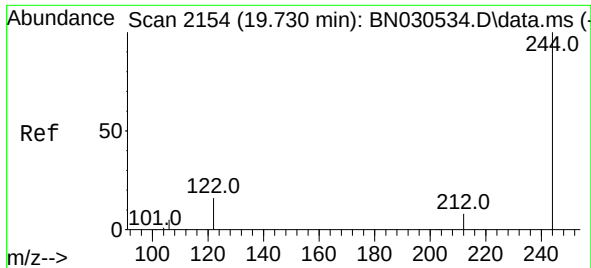
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Ion Ratio Lower Upper  
212 100  
106 14.9 11.8 17.6  
104 8.3 6.6 9.8



#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.276 min Scan# 2459  
Delta R.T. -0.009 min  
Lab File: BN030666.D  
Acq: 04 Apr 2024 18:17

Tgt Ion:240 Resp: 26643  
Ion Ratio Lower Upper  
240 100  
120 16.2 10.6 15.8#  
236 28.2 22.1 33.1

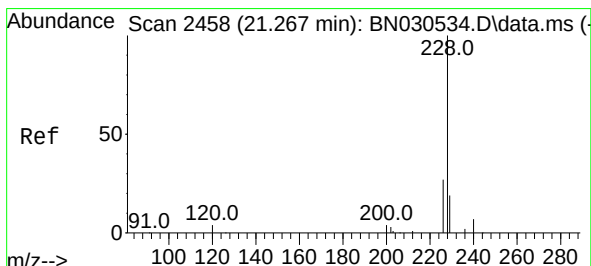
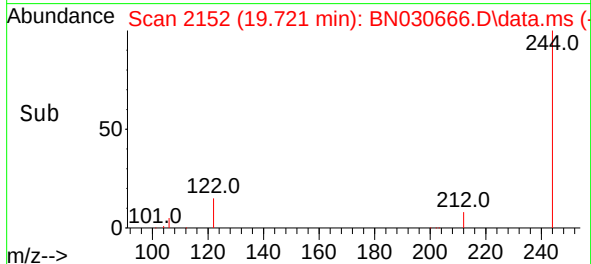
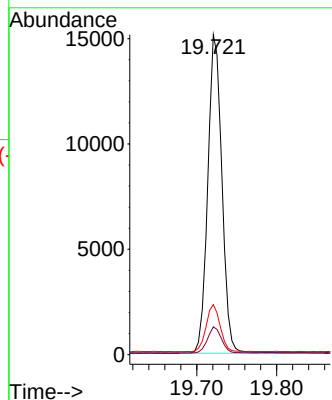
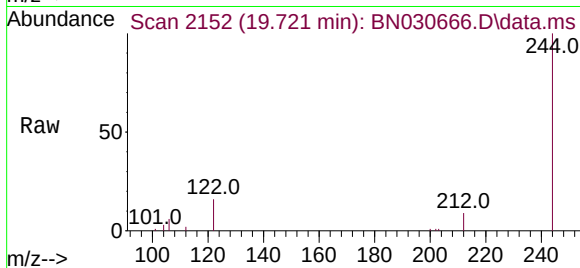




#31  
Terphenyl-d14  
Concen: 0.301 ng  
RT: 19.721 min Scan# 2152  
Delta R.T. -0.009 min  
Lab File: BN030666.D  
Acq: 04 Apr 2024 18:17

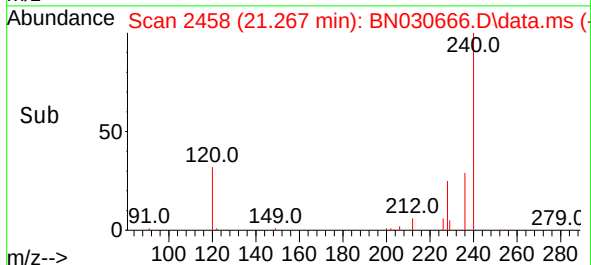
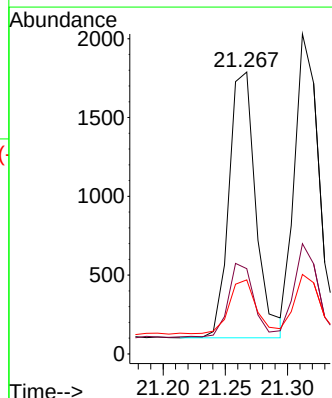
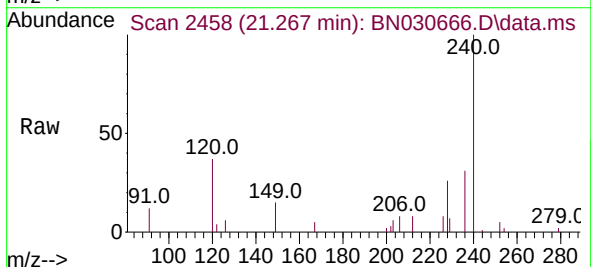
Instrument :  
BNA\_N  
ClientSampleId :  
RSB-02-47-040224

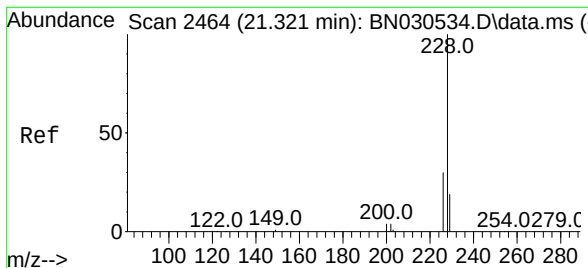
Tgt Ion:244 Resp: 18529  
Ion Ratio Lower Upper  
244 100  
212 8.7 6.9 10.3  
122 15.6 12.7 19.1



#32  
Benzo(a)anthracene  
Concen: 0.027 ng  
RT: 21.267 min Scan# 2458  
Delta R.T. 0.000 min  
Lab File: BN030666.D  
Acq: 04 Apr 2024 18:17

Tgt Ion:228 Resp: 2538  
Ion Ratio Lower Upper  
228 100  
226 30.3 21.8 32.8  
229 26.3 15.4 23.2#





#33

Chrysene

Concen: 0.025 ng

RT: 21.312 min Scan# 2463

Delta R.T. -0.009 min

Lab File: BN030666.D

Acq: 04 Apr 2024 18:17

Instrument :

BNA\_N

ClientSampleId :

RSB-02-47-040224

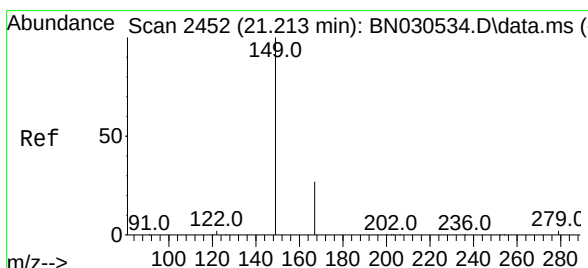
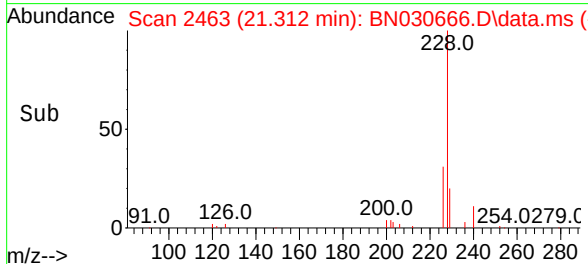
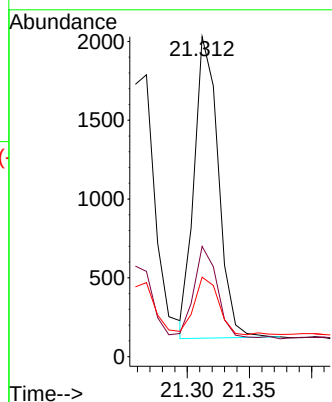
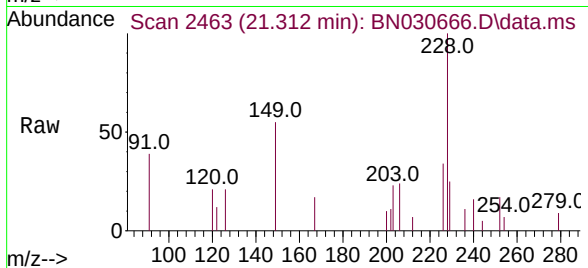
Tgt Ion:228 Resp: 2579

Ion Ratio Lower Upper

228 100

226 34.4 24.3 36.5

229 24.8 15.8 23.6#



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.136 ng

RT: 21.205 min Scan# 2451

Delta R.T. -0.009 min

Lab File: BN030666.D

Acq: 04 Apr 2024 18:17

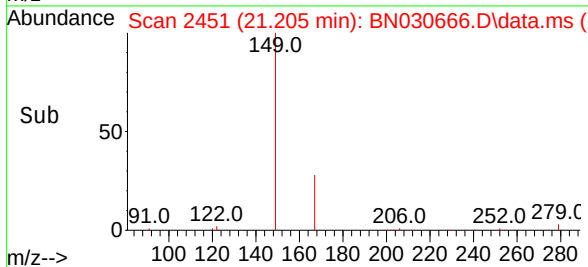
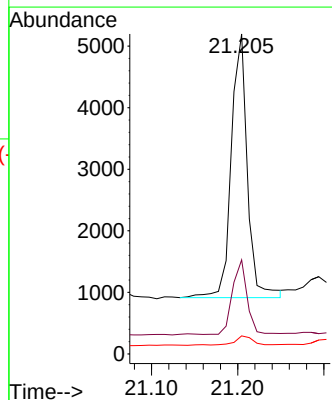
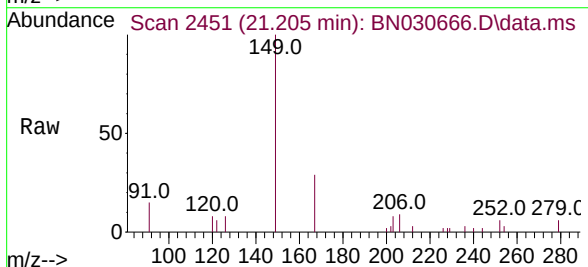
Tgt Ion:149 Resp: 5571

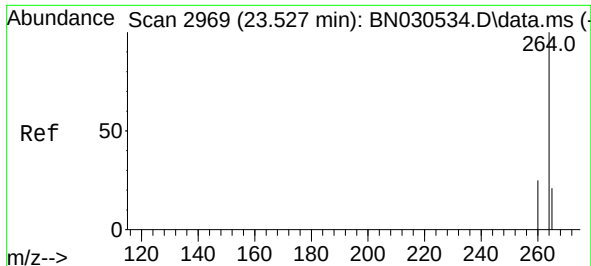
Ion Ratio Lower Upper

149 100

167 25.9 21.4 32.0

279 4.1 2.3 3.5#





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.521 min Scan# 2967

Delta R.T. -0.006 min

Lab File: BN030666.D

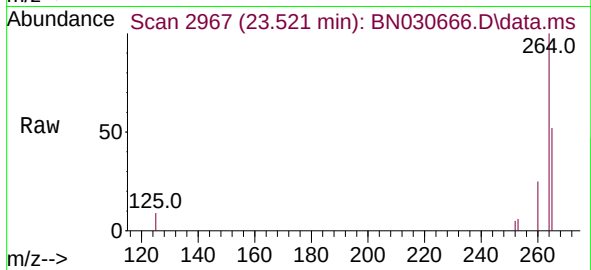
Acq: 04 Apr 2024 18:17

Instrument :

BNA\_N

ClientSampleId :

RSB-02-47-040224



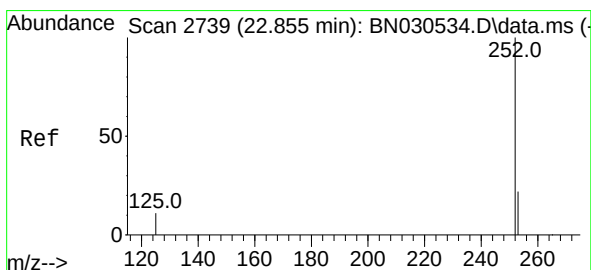
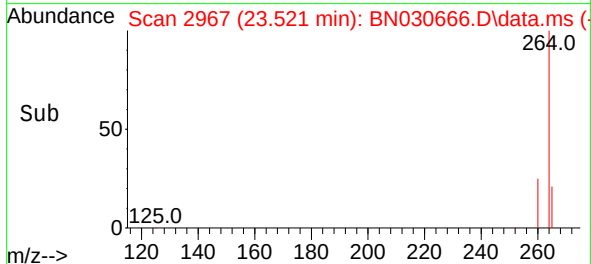
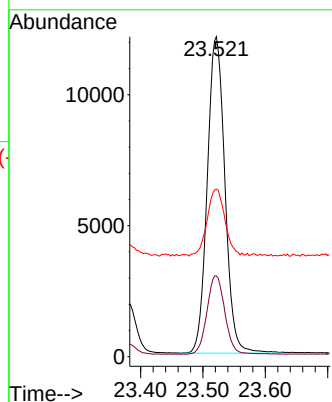
Tgt Ion:264 Resp: 23766

Ion Ratio Lower Upper

264 100

260 25.3 20.6 30.8

265 52.4 41.8 62.8



#37

Benzo(b)fluoranthene

Concen: 0.024 ng

RT: 22.846 min Scan# 2736

Delta R.T. -0.009 min

Lab File: BN030666.D

Acq: 04 Apr 2024 18:17

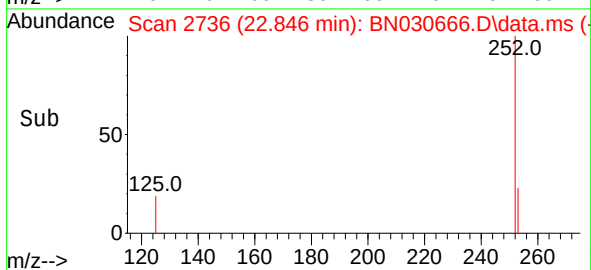
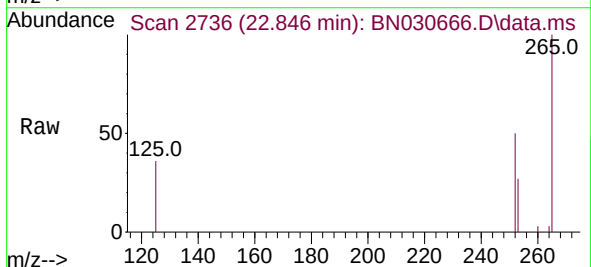
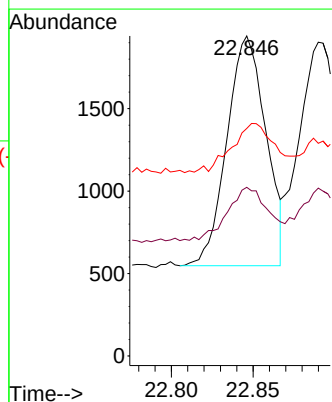
Tgt Ion:252 Resp: 2312

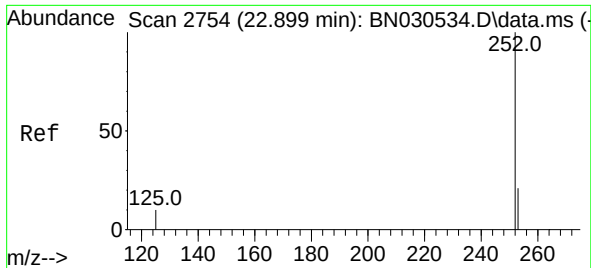
Ion Ratio Lower Upper

252 100

253 52.7 19.2 28.8#

125 71.1 11.7 17.5#





#38

Benzo(k)fluoranthene

Concen: 0.024 ng

RT: 22.890 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN030666.D

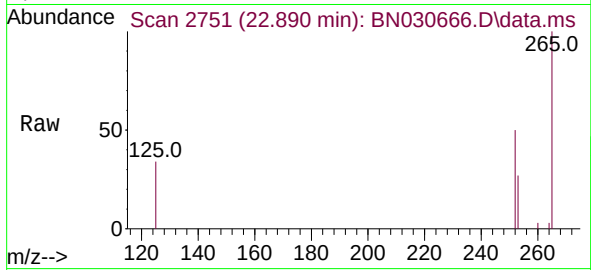
Acq: 04 Apr 2024 18:17

Instrument :

BNA\_N

ClientSampleId :

RSB-02-47-040224



Tgt Ion:252 Resp: 2298

Ion Ratio Lower Upper

252 100

253 53.5 18.9 28.3#

125 67.8 11.5 17.3#

