

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN092023\  
 Data File : BN027764.D  
 Acq On : 20 Sep 2023 14:37  
 Operator : MA/JU  
 Sample : PB155453BL  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB155453BL

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 09/21/2023  
 Supervised By :mohammad ahmed 09/21/2023

Quant Time: Sep 20 15:28:48 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN092023.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Sep 20 13:45:42 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|--------|------|----------|-------|-------|----------|
| -----                       |        |      |          |       |       |          |
| Internal Standards          |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.008  | 152  | 2179     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8           | 10.831 | 136  | 6173     | 0.400 | ng    | # 0.00   |
| 13) Acenaphthene-d10        | 14.662 | 164  | 3985     | 0.400 | ng    | 0.02     |
| 19) Phenanthrene-d10        | 17.418 | 188  | 11722    | 0.400 | ng    | 0.02     |
| 29) Chrysene-d12            | 21.587 | 240  | 11418    | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12            | 24.092 | 264  | 9936     | 0.400 | ng    | # 0.02   |
| System Monitoring Compounds |        |      |          |       |       |          |
| 4) 2-Fluorophenol           | 5.538  | 112  | 2185     | 0.396 | ng    | 0.00     |
| 5) Phenol-d6                | 7.163  | 99   | 2284     | 0.332 | ng    | 0.00     |
| 8) Nitrobenzene-d5          | 9.209  | 82   | 1923     | 0.393 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10 | 12.430 | 152  | 3251     | 0.361 | ng    | 0.02     |
| 14) 2,4,6-Tribromophenol    | 16.177 | 330  | 473      | 0.279 | ng    | 0.04     |
| 15) 2-Fluorobiphenyl        | 13.304 | 172  | 5868m    | 0.436 | ng    | 0.03     |
| 27) Fluoranthene-d10        | 19.430 | 212  | 13172    | 0.432 | ng    | 0.00     |
| 31) Terphenyl-d14           | 20.015 | 244  | 10759    | 0.489 | ng    | 0.00     |

Target Compounds Qvalue

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

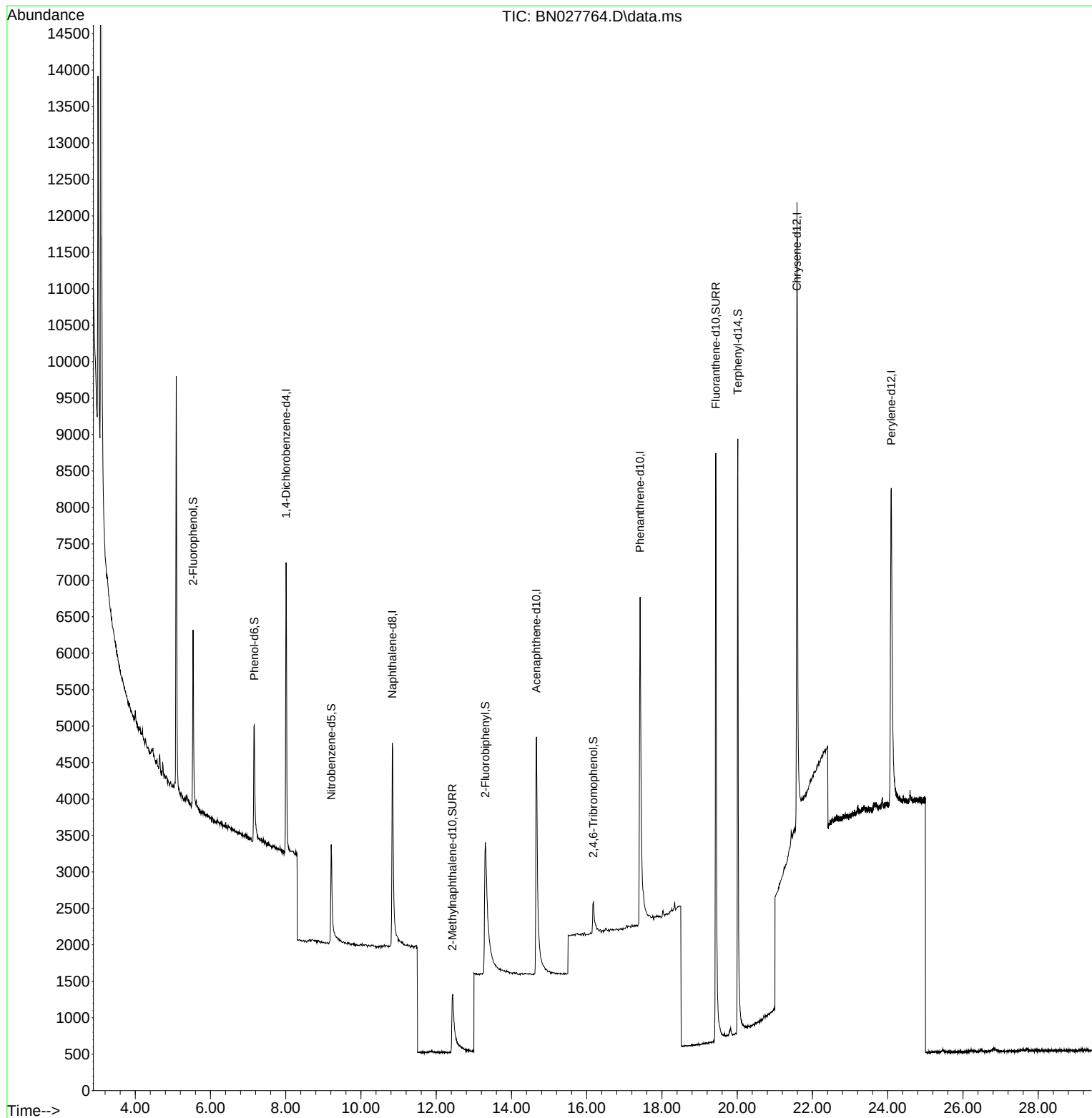
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN092023\  
Data File : BN027764.D  
Acq On : 20 Sep 2023 14:37  
Operator : MA/JU  
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ALS Vial : 10 Sample Multiplier: 1

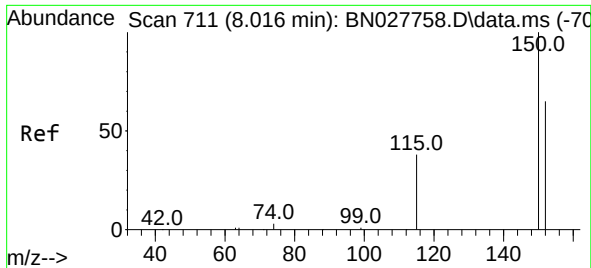
Instrument :  
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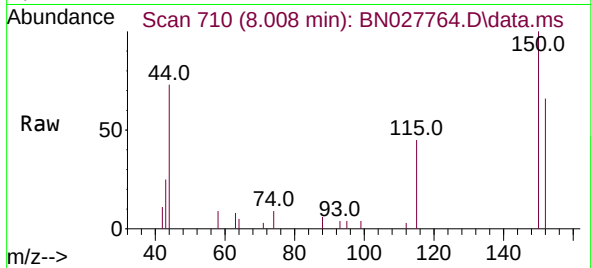
Quant Time: Sep 20 15:28:48 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN092023.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Sep 20 13:45:42 2023  
Response via : Initial Calibration





#1  
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 8.008 min Scan# 711  
Delta R.T. -0.008 min  
Lab File: BN027764.D  
Acq: 20 Sep 2023 14:37

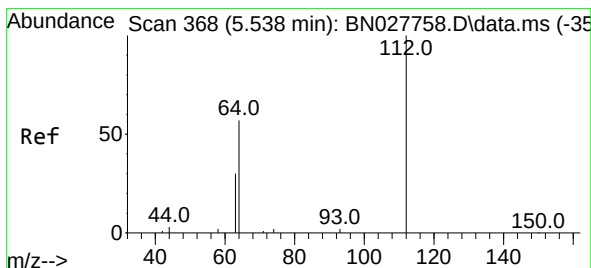
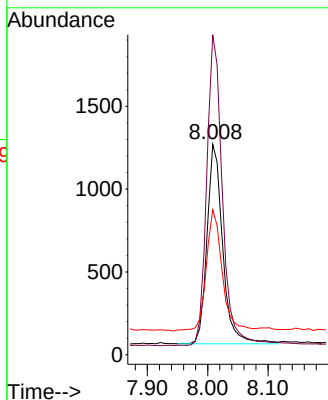
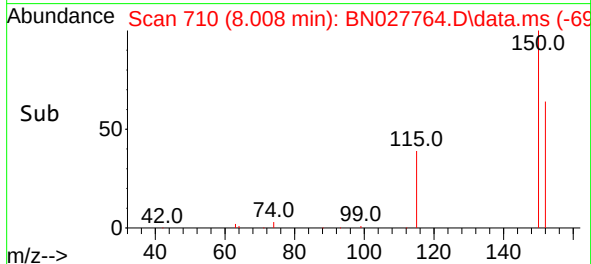
Instrument :  
BNA\_N  
ClientSampleId :  
PB155453BL



Tgt Ion:152 Resp: 2179  
Ion Ratio Lower Upper  
152 100  
150 152.1 120.2 180.2  
115 68.8 54.5 81.7

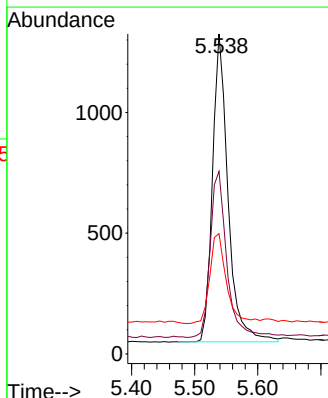
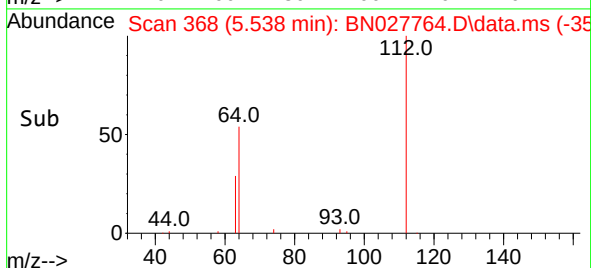
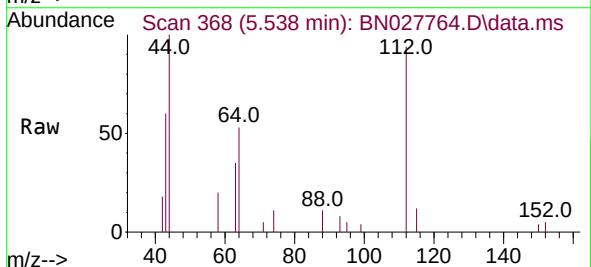
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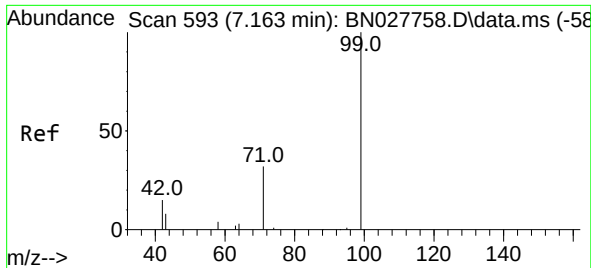
Reviewed By :Yogesh Patel 09/21/2023  
Supervised By :mohammad ahmed 09/21/2023



#4  
2-Fluorophenol  
Concen: 0.396 ng  
RT: 5.538 min Scan# 368  
Delta R.T. 0.000 min  
Lab File: BN027764.D  
Acq: 20 Sep 2023 14:37

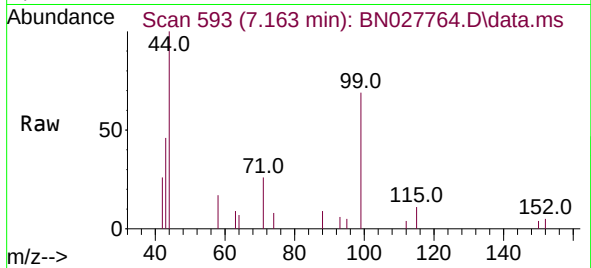
Tgt Ion:112 Resp: 2185  
Ion Ratio Lower Upper  
112 100  
64 58.2 46.1 69.1  
63 31.4 24.0 36.0





#5  
Phenol-d6  
Concen: 0.332 ng  
RT: 7.163 min Scan# 593  
Delta R.T. 0.000 min  
Lab File: BN027764.D  
Acq: 20 Sep 2023 14:37

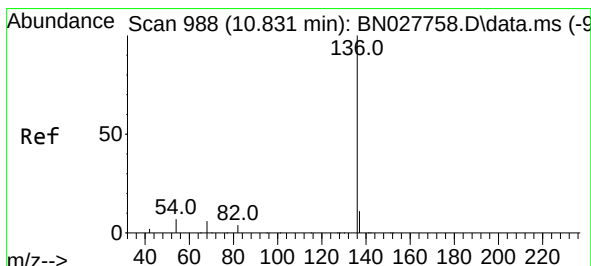
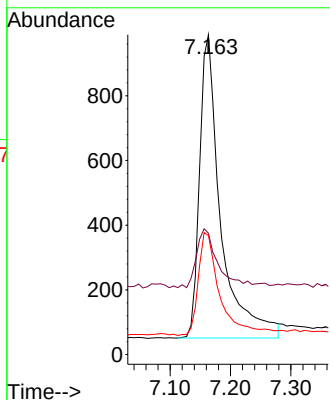
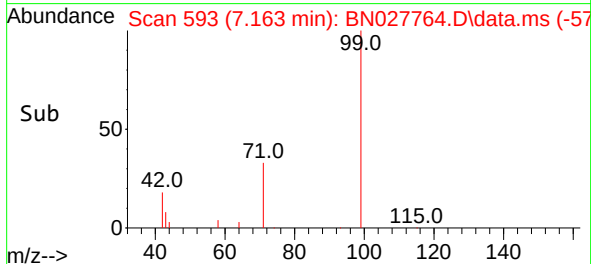
Instrument :  
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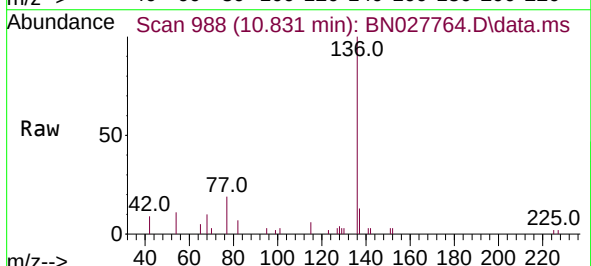
Tgt Ion: 99 Resp: 2284  
Ion Ratio Lower Upper  
99 100  
42 19.5 16.6 25.0  
71 34.8 28.1 42.1

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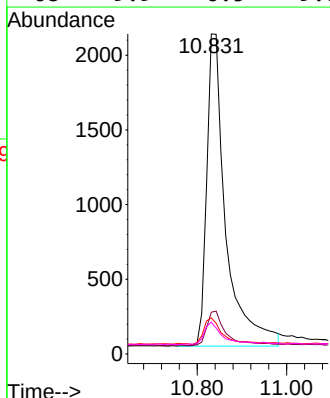
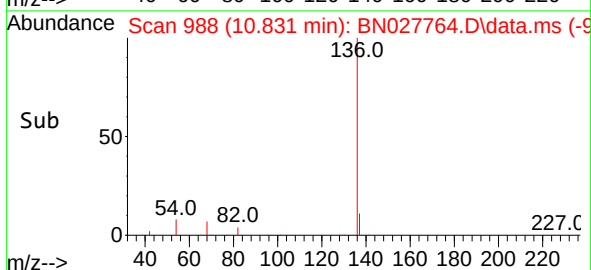
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Supervised By :mohammad ahmed 09/21/2023

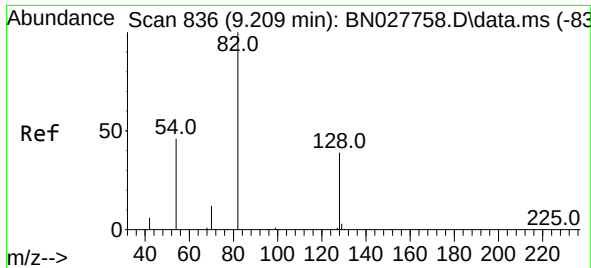


#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.831 min Scan# 988  
Delta R.T. 0.000 min  
Lab File: BN027764.D  
Acq: 20 Sep 2023 14:37



Tgt Ion:136 Resp: 6173  
Ion Ratio Lower Upper  
136 100  
137 13.1 10.1 15.1  
54 11.3 7.4 11.0#  
68 9.9 6.5 9.7#





#8  
Nitrobenzene-d5  
Concen: 0.393 ng  
RT: 9.209 min Scan# 81  
Delta R.T. 0.000 min  
Lab File: BN027764.D  
Acq: 20 Sep 2023 14:37

Instrument :

BNA\_N

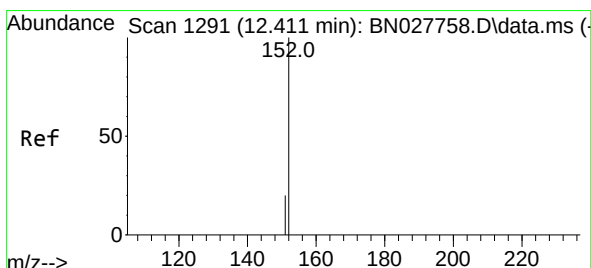
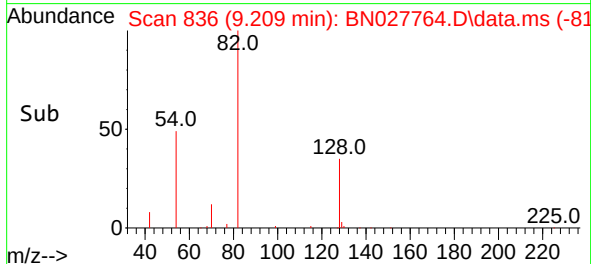
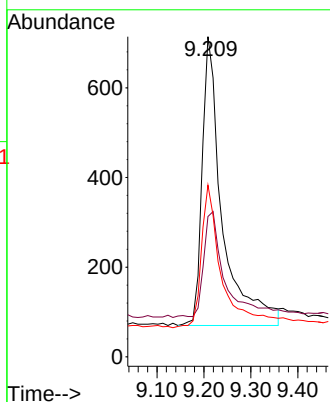
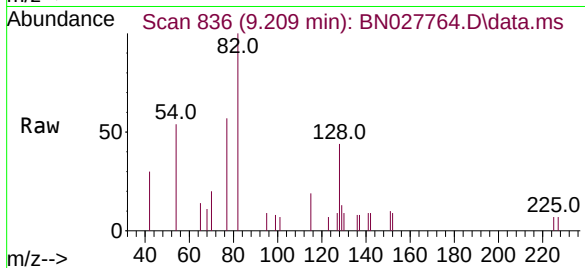
ClientSampleId :

PB155453BL

Tgt Ion: 82 Resp: 192  
Ion Ratio Lower Upper  
82 100  
128 43.8 36.8 55.2  
54 53.6 39.9 59.9

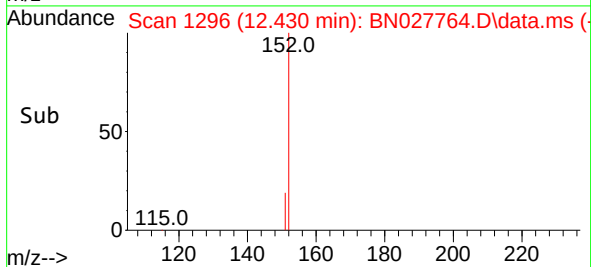
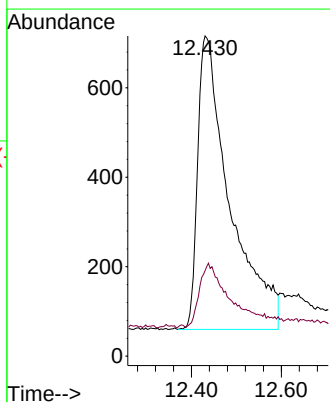
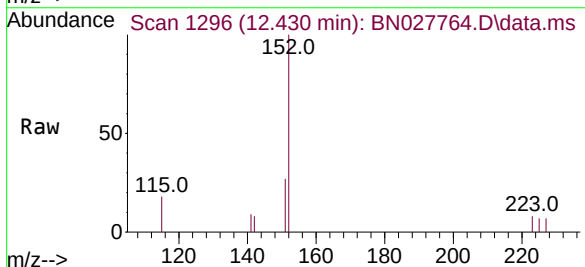
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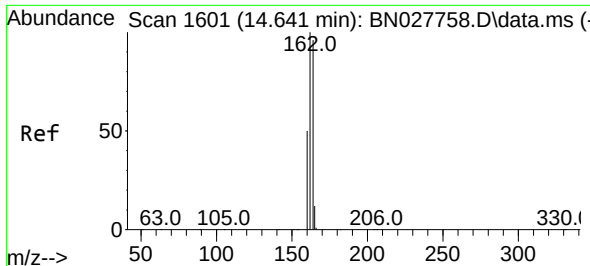
Reviewed By :Yogesh Patel 09/21/2023  
Supervised By :mohammad ahmed 09/21/2023



#11  
2-Methylnaphthalene-d10  
Concen: 0.361 ng  
RT: 12.430 min Scan# 1296  
Delta R.T. 0.019 min  
Lab File: BN027764.D  
Acq: 20 Sep 2023 14:37

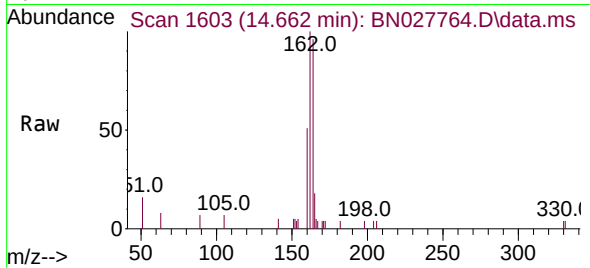
Tgt Ion:152 Resp: 3251  
Ion Ratio Lower Upper  
152 100  
151 20.8 15.6 23.4





#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.662 min Scan# 1603  
Delta R.T. 0.021 min  
Lab File: BN027764.D  
Acq: 20 Sep 2023 14:37

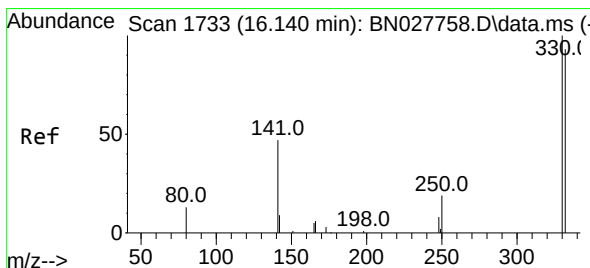
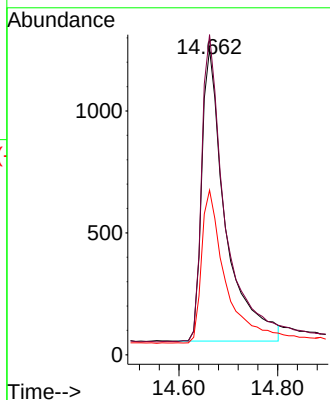
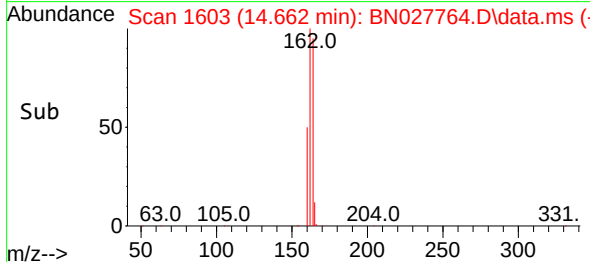
Instrument :  
BNA\_N  
ClientSampleId :  
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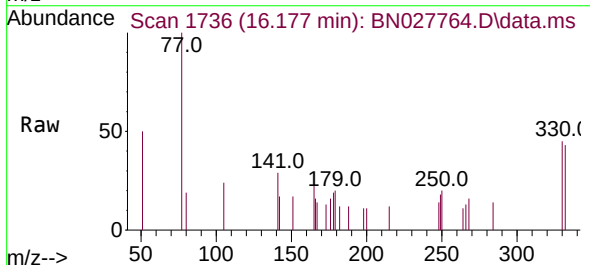
Tgt Ion:164 Resp: 398  
Ion Ratio Lower Upper  
164 100  
162 104.7 83.6 125.4  
160 53.8 42.6 64.0

Manual Integrations  
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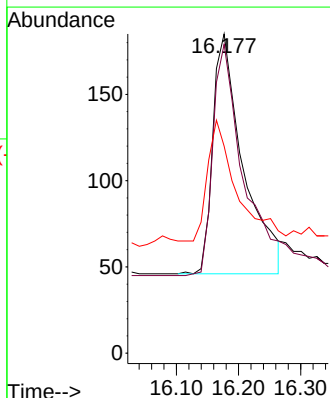
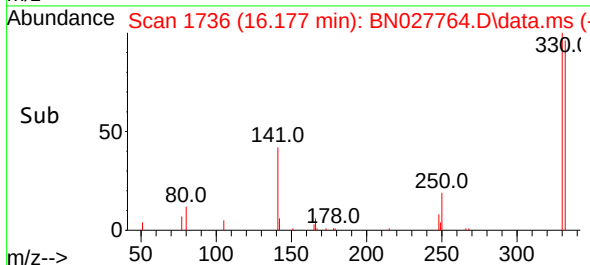
Reviewed By :Yogesh Patel 09/21/2023  
Supervised By :mohammad ahmed 09/21/2023

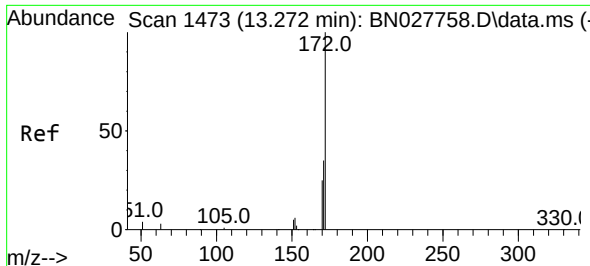


#14  
2,4,6-Tribromophenol  
Concen: 0.279 ng  
RT: 16.177 min Scan# 1736  
Delta R.T. 0.037 min  
Lab File: BN027764.D  
Acq: 20 Sep 2023 14:37



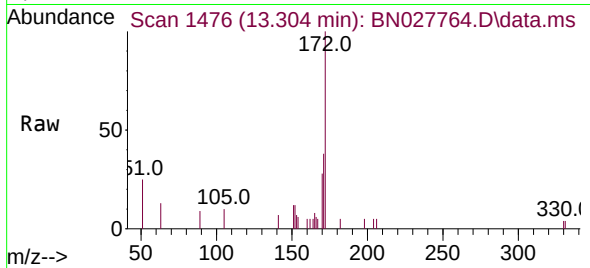
Tgt Ion:330 Resp: 473  
Ion Ratio Lower Upper  
330 100  
332 96.2 77.0 115.4  
141 47.8 38.1 57.1





#15  
2-Fluorobiphenyl  
Concen: 0.436 ng m  
RT: 13.304 min Scan# 1476  
Delta R.T. 0.032 min  
Lab File: BN027764.D  
Acq: 20 Sep 2023 14:37

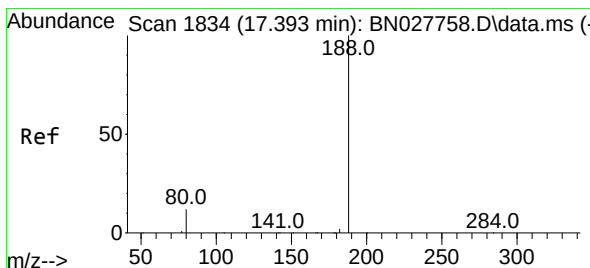
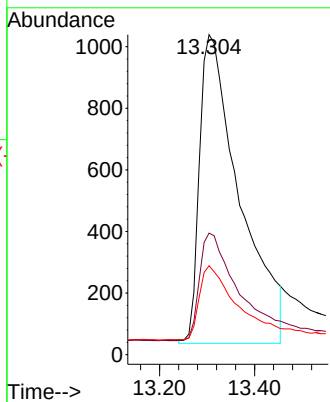
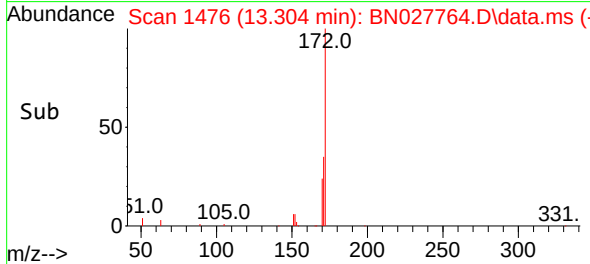
Instrument :  
BNA\_N  
ClientSampleId :  
PB155453BL



Tgt Ion:172 Resp: 586  
Ion Ratio Lower Upper  
172 100  
171 38.0 29.3 43.9  
170 27.8 20.8 31.2

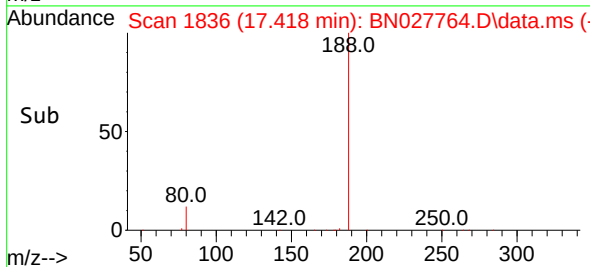
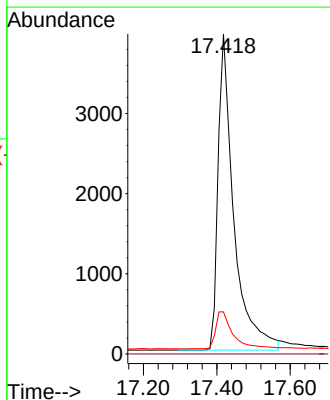
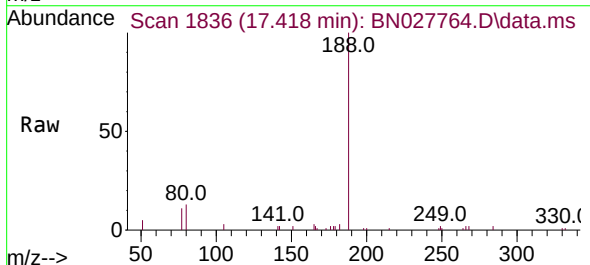
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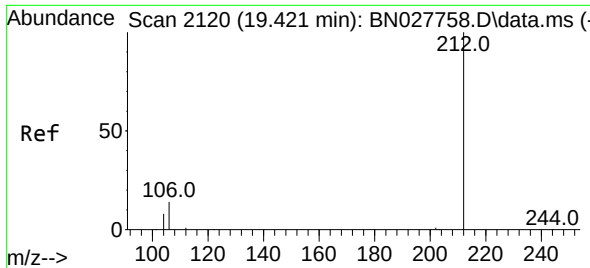
Reviewed By :Yogesh Patel 09/21/2023  
Supervised By :mohammad ahmed 09/21/2023



#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.418 min Scan# 1836  
Delta R.T. 0.025 min  
Lab File: BN027764.D  
Acq: 20 Sep 2023 14:37

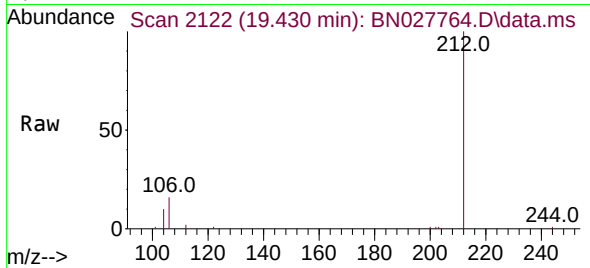
Tgt Ion:188 Resp: 11722  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 13.1 10.6 16.0





#27  
Fluoranthene-d10  
Concen: 0.432 ng  
RT: 19.430 min Scan# 2122  
Delta R.T. 0.009 min  
Lab File: BN027764.D  
Acq: 20 Sep 2023 14:37

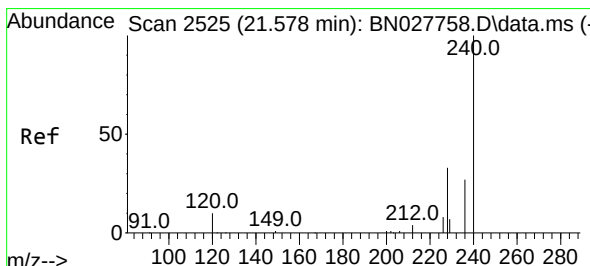
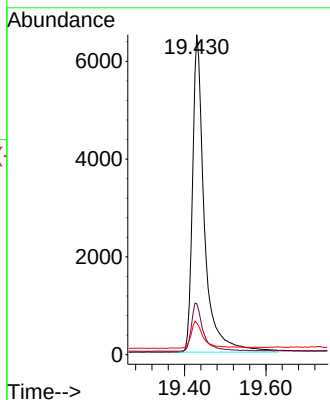
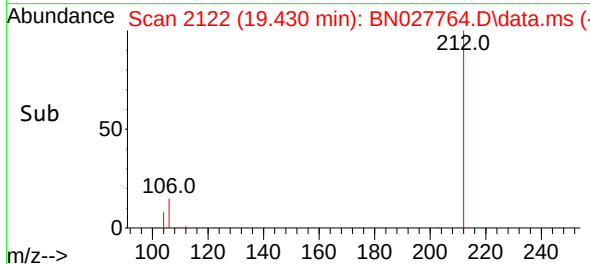
Instrument :  
BNA\_N  
ClientSampleId :  
PB155453BL



Tgt Ion:212 Resp: 13172  
Ion Ratio Lower Upper  
212 100  
106 15.2 12.2 18.2  
104 8.5 7.0 10.4

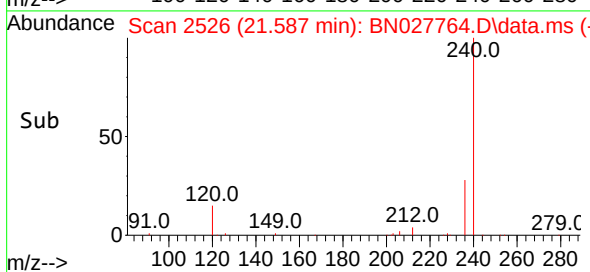
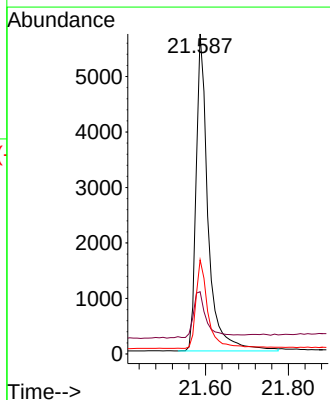
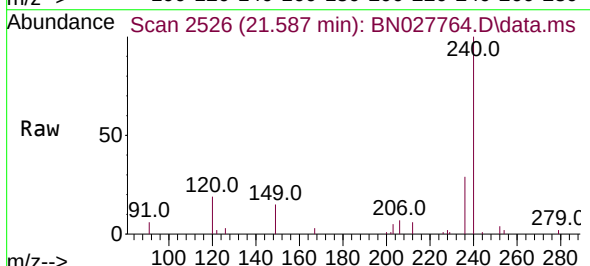
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Supervised By :mohammad ahmed 09/21/2023

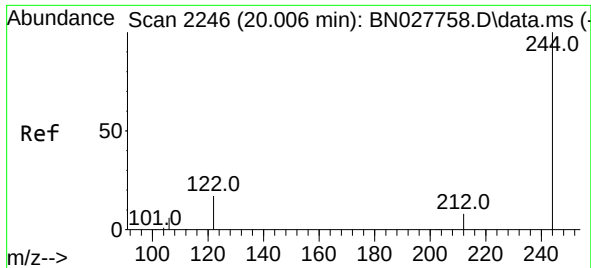


#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.587 min Scan# 2526  
Delta R.T. 0.009 min  
Lab File: BN027764.D  
Acq: 20 Sep 2023 14:37

Tgt Ion:240 Resp: 11418  
Ion Ratio Lower Upper  
240 100  
120 19.5 11.2 16.8#  
236 29.4 22.8 34.2

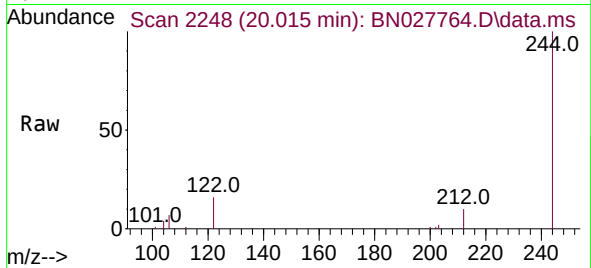






#31  
 Terphenyl-d14  
 Concen: 0.489 ng  
 RT: 20.015 min Scan# 21  
 Delta R.T. 0.009 min  
 Lab File: BN027764.D  
 Acq: 20 Sep 2023 14:37

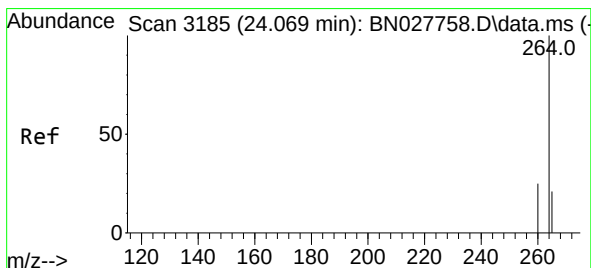
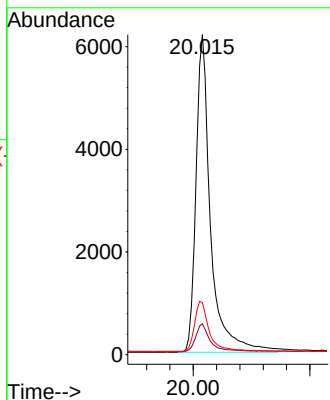
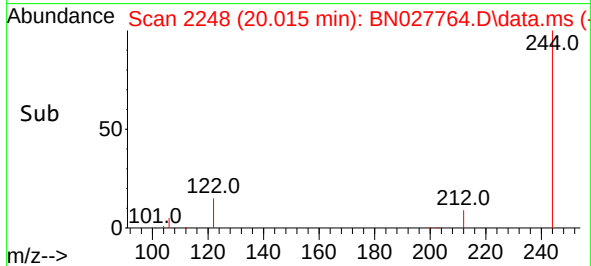
Instrument :  
 BNA\_N  
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Tgt Ion:244 Resp: 10759  
 Ion Ratio Lower Upper  
 244 100  
 212 9.7 7.5 11.3  
 122 16.3 13.9 20.9

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 Supervised By :mohammad ahmed 09/21/2023



#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 24.092 min Scan# 3193  
 Delta R.T. 0.023 min  
 Lab File: BN027764.D  
 Acq: 20 Sep 2023 14:37

Tgt Ion:264 Resp: 9936  
 Ion Ratio Lower Upper  
 264 100  
 260 26.7 21.0 31.6  
 265 98.2 60.5 90.7#

