

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN101124\  
 Data File : BN034553.D  
 Acq On : 11 Oct 2024 13:59  
 Operator : RC/JU  
 Sample : PB163903BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB163903BL

Manual Integrations  
 APPROVED

Reviewed By :Jagrut Upadhyay 10/14/2024  
 Supervised By :mohammad ahmed 10/15/2024

Quant Time: Oct 11 15:42:12 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN091924.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Oct 11 00:21:08 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|--------|------|----------|-------|-------|----------|
| -----                       |        |      |          |       |       |          |
| Internal Standards          |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.365  | 152  | 4285     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8           | 10.127 | 136  | 11473    | 0.400 | ng    | # 0.00   |
| 13) Acenaphthene-d10        | 14.015 | 164  | 6303     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10        | 16.790 | 188  | 10680    | 0.400 | ng    | 0.01     |
| 29) Chrysene-d12            | 21.006 | 240  | 6687     | 0.400 | ng    | 0.00     |
| 35) Perylene-d12            | 23.111 | 264  | 10014    | 0.400 | ng    | # 0.00   |
|                             |        |      |          |       |       |          |
| System Monitoring Compounds |        |      |          |       |       |          |
| 4) 2-Fluorophenol           | 5.011  | 112  | 4065     | 0.334 | ng    | 0.00     |
| 5) Phenol-d6                | 6.585  | 99   | 3635m    | 0.257 | ng    | 0.01     |
| 8) Nitrobenzene-d5          | 8.536  | 82   | 2636m    | 0.300 | ng    | 0.02     |
| 11) 2-Methylnaphthalene-d10 | 11.738 | 152  | 5997m    | 0.354 | ng    | 0.01     |
| 14) 2,4,6-Tribromophenol    | 15.549 | 330  | 396      | 0.139 | ng    | 0.01     |
| 15) 2-Fluorobiphenyl        | 12.647 | 172  | 7594     | 0.296 | ng    | 0.01     |
| 27) Fluoranthene-d10        | 18.827 | 212  | 10366    | 0.385 | ng    | 0.00     |
| 31) Terphenyl-d14           | 19.445 | 244  | 6932     | 0.519 | ng    | 0.00     |

Target Compounds Qvalue

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

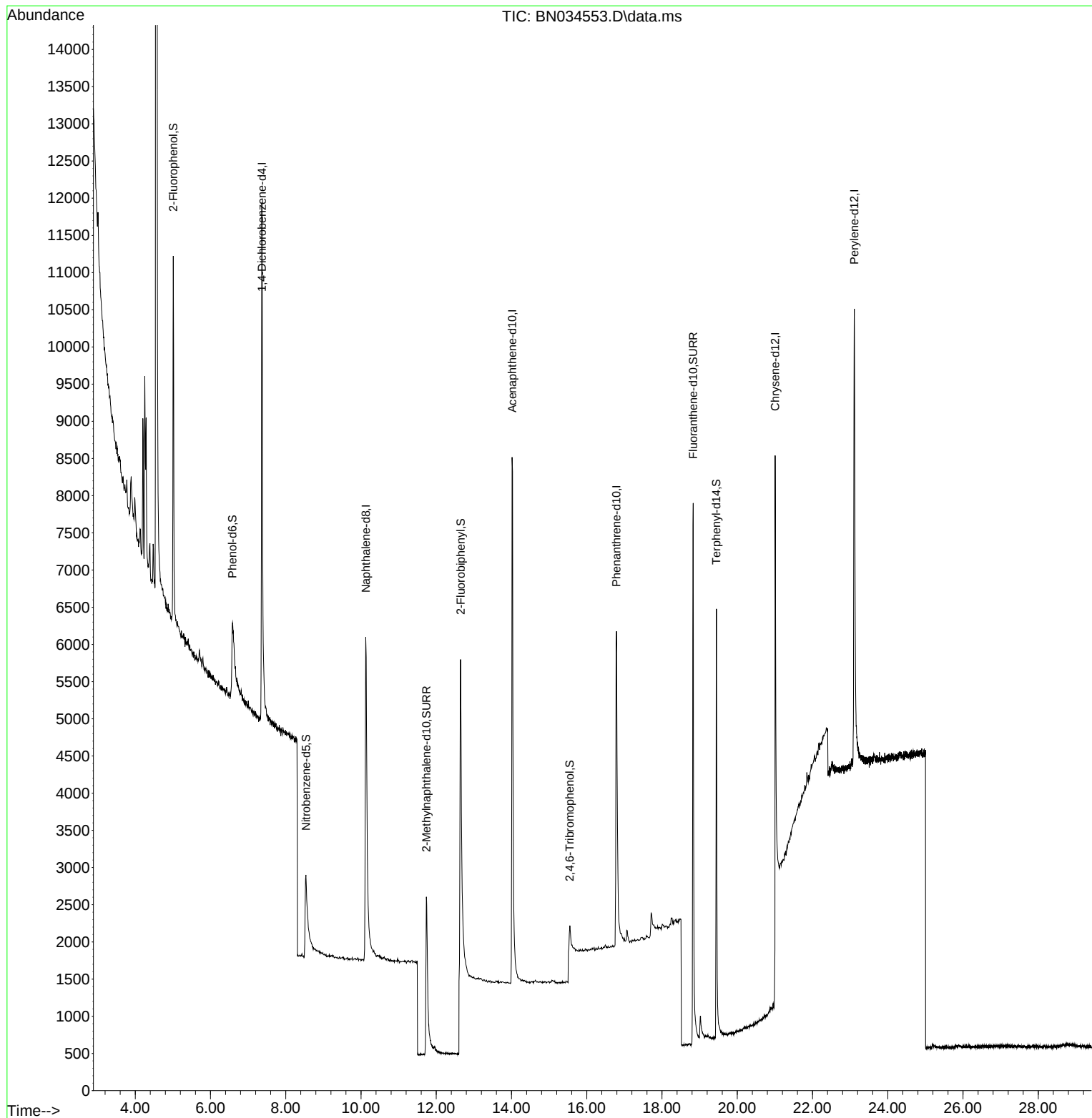
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN101124\  
Data File : BN034553.D  
Acq On : 11 Oct 2024 13:59  
Operator : RC/JU  
Sample : PB163903BL  
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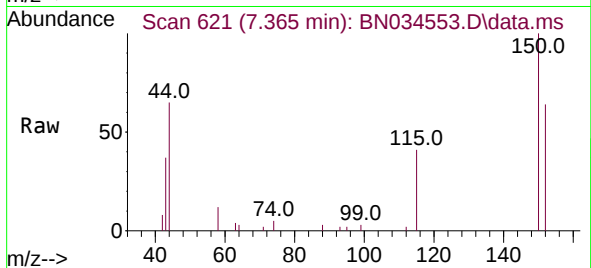
#1  
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.365 min Scan# 617  
Delta R.T. -0.008 min  
Lab File: BN034553.D  
Acq: 11 Oct 2024 13:59

Instrument :

BNA\_N

ClientSampleId :

PB163903BL

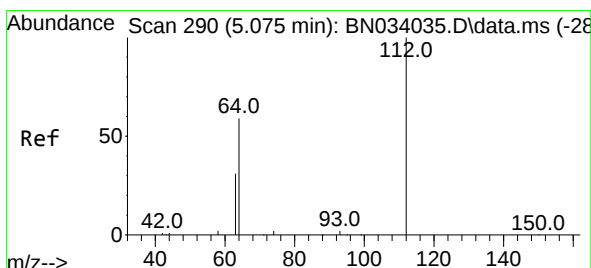
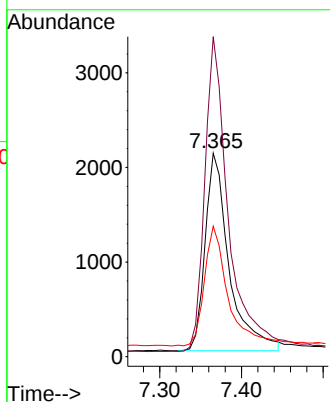
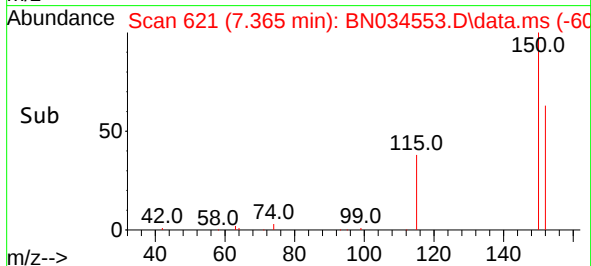


Tgt Ion:152 Resp: 428  
Ion Ratio Lower Upper  
152 100  
150 157.2 124.6 187.0  
115 64.1 50.0 75.0

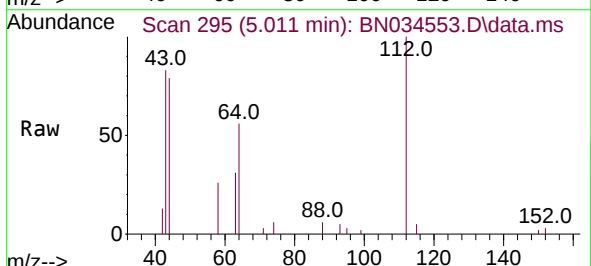
Manual Integrations

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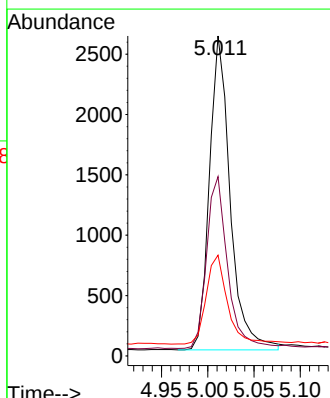
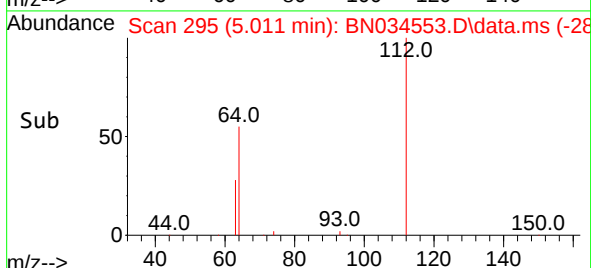
Reviewed By :Jagrut Upadhyay 10/14/2024  
Supervised By :mohammad ahmed 10/15/2024

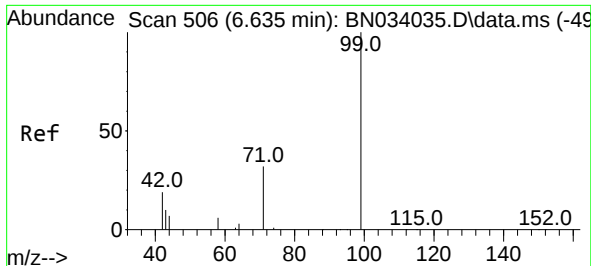


#4  
2-Fluorophenol  
Concen: 0.334 ng  
RT: 5.011 min Scan# 295  
Delta R.T. -0.000 min  
Lab File: BN034553.D  
Acq: 11 Oct 2024 13:59



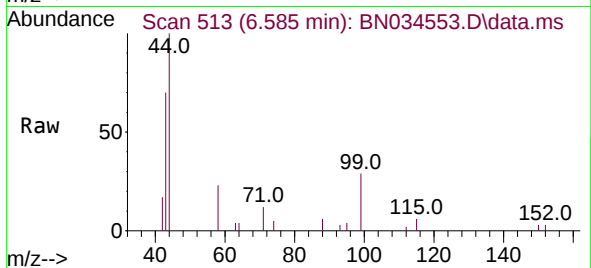
Tgt Ion:112 Resp: 4065  
Ion Ratio Lower Upper  
112 100  
64 55.3 48.6 72.8  
63 29.1 25.6 38.4





#5  
Phenol-d6  
Concen: 0.257 ng m  
RT: 6.585 min Scan# 513  
Delta R.T. 0.014 min  
Lab File: BN034553.D  
Acq: 11 Oct 2024 13:59

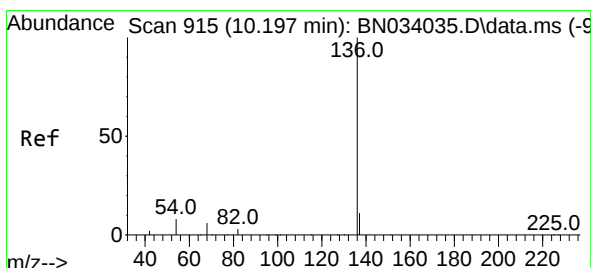
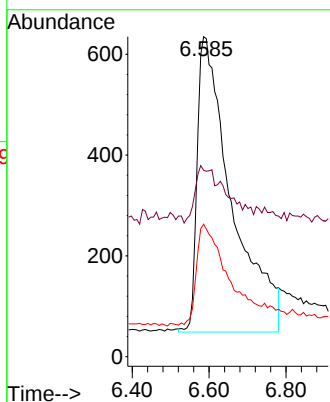
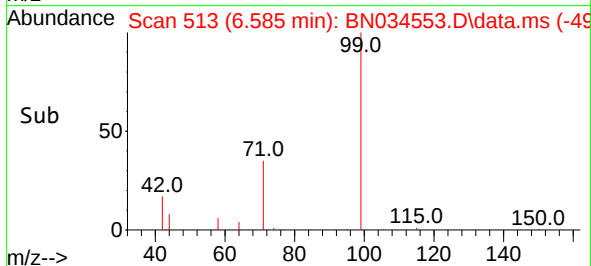
Instrument :  
BNA\_N  
ClientSampleId :  
PB163903BL



Tgt Ion: 99 Resp: 363  
Ion Ratio Lower Upper  
99 100  
42 12.6 17.8 26.8  
71 21.2 26.2 39.2

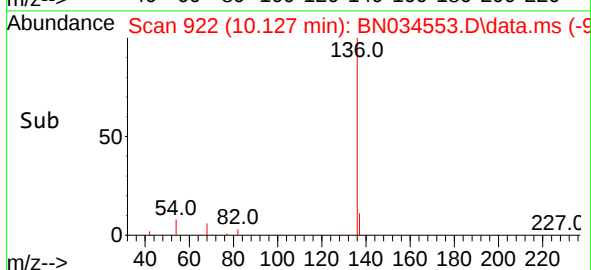
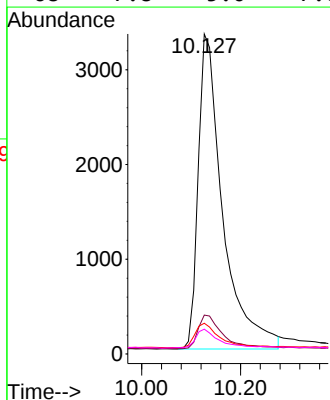
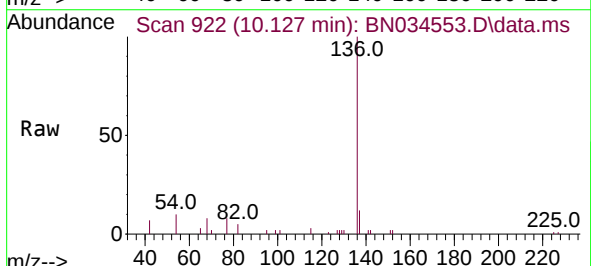
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Supervised By :mohammad ahmed 10/15/2024



#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.127 min Scan# 922  
Delta R.T. -0.000 min  
Lab File: BN034553.D  
Acq: 11 Oct 2024 13:59

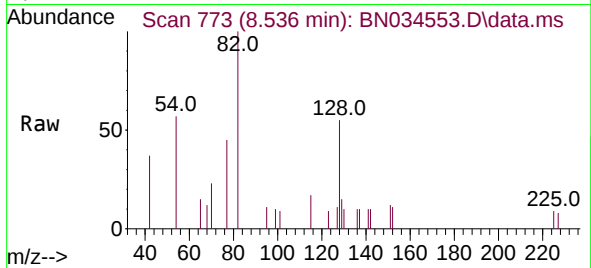
Tgt Ion:136 Resp: 11473  
Ion Ratio Lower Upper  
136 100  
137 12.1 9.0 13.6  
54 9.6 6.8 10.2  
68 7.8 5.0 7.6





#8  
Nitrobenzene-d5  
Concen: 0.300 ng m  
RT: 8.536 min Scan# 71  
Delta R.T. 0.021 min  
Lab File: BN034553.D  
Acq: 11 Oct 2024 13:59

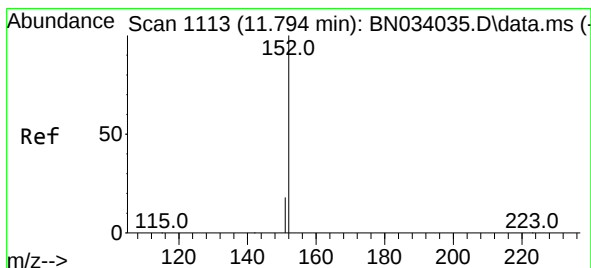
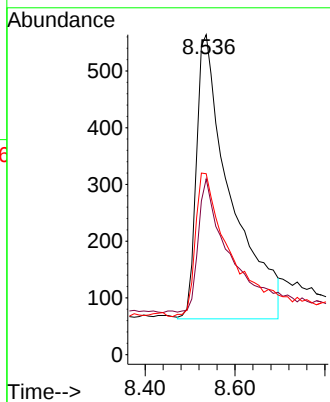
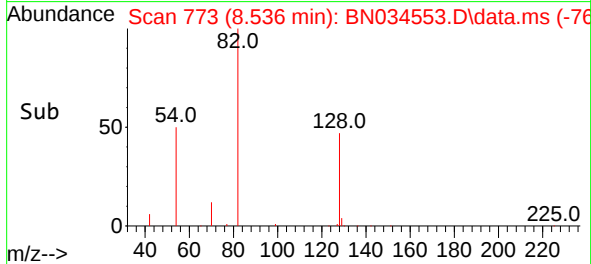
Instrument :  
BNA\_N  
ClientSampleId :  
PB163903BL



Tgt Ion: 82 Resp: 2630  
Ion Ratio Lower Upper  
82 100  
128 55.0 31.4 47.2  
54 56.6 47.4 71.0

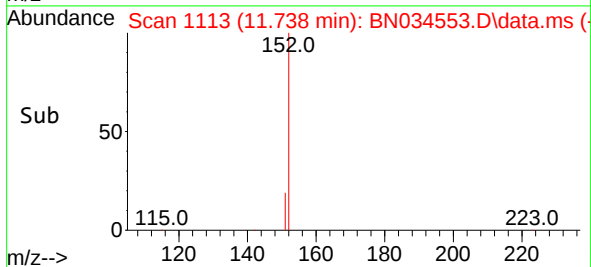
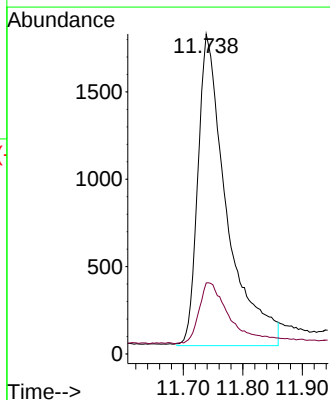
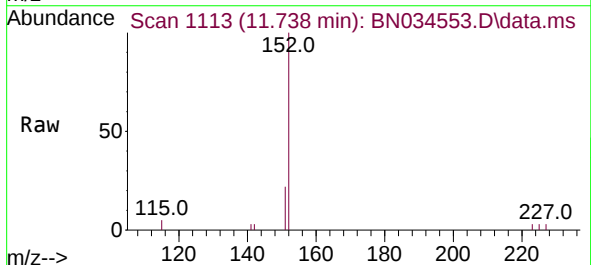
Manual Integrations  
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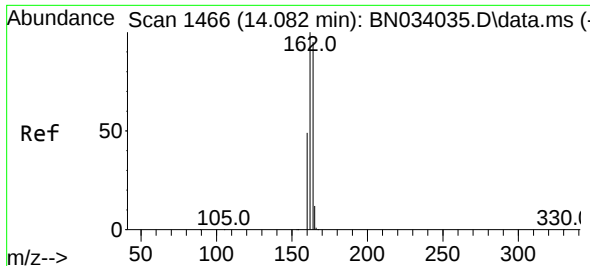
Reviewed By :Jagrut Upadhyay 10/14/2024  
Supervised By :mohammad ahmed 10/15/2024



#11  
2-Methylnaphthalene-d10  
Concen: 0.354 ng m  
RT: 11.738 min Scan# 1113  
Delta R.T. 0.011 min  
Lab File: BN034553.D  
Acq: 11 Oct 2024 13:59

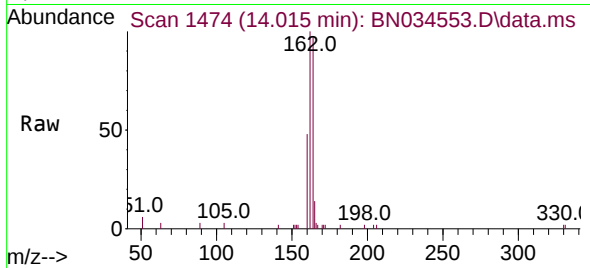
Tgt Ion:152 Resp: 5997  
Ion Ratio Lower Upper  
152 100  
151 18.9 16.8 25.2





#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.015 min Scan# 1466  
Delta R.T. -0.000 min  
Lab File: BN034553.D  
Acq: 11 Oct 2024 13:59

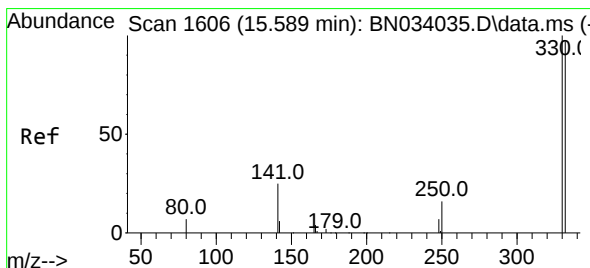
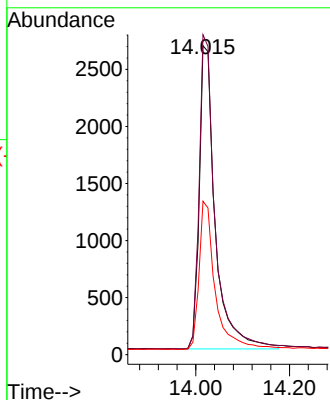
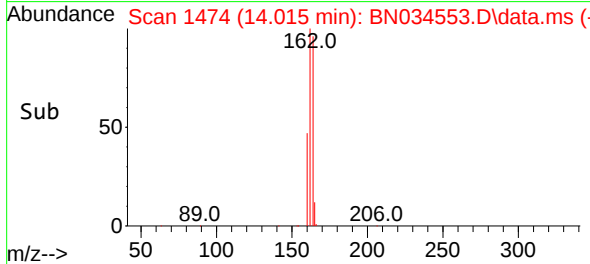
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ClientSampleId :  
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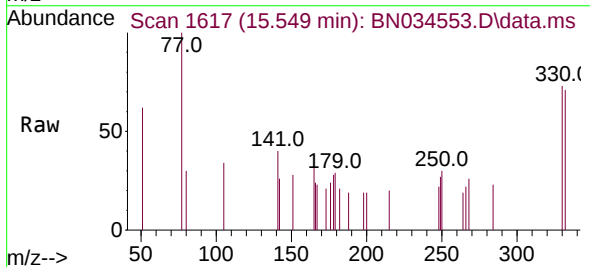
Tgt Ion:164 Resp: 630  
Ion Ratio Lower Upper  
164 100  
162 103.6 84.2 126.2  
160 49.6 41.7 62.5

Manual Integrations  
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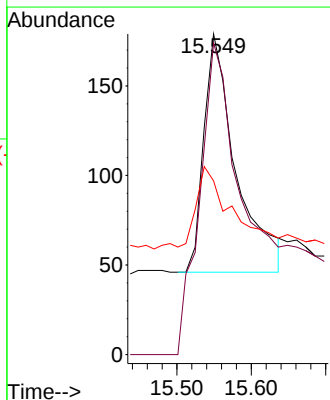
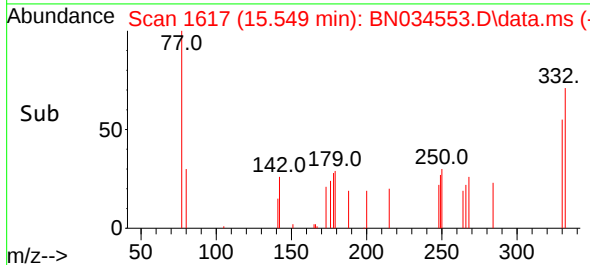
Reviewed By :Jagrut Upadhyay 10/14/2024  
Supervised By :mohammad ahmed 10/15/2024

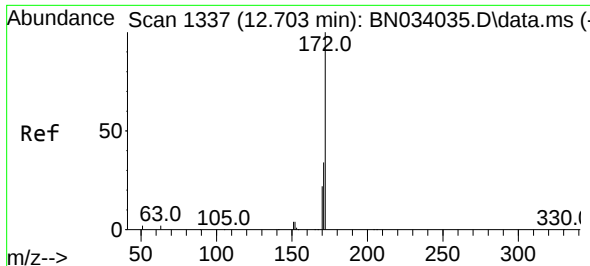


#14  
2,4,6-Tribromophenol  
Concen: 0.139 ng  
RT: 15.549 min Scan# 1617  
Delta R.T. 0.012 min  
Lab File: BN034553.D  
Acq: 11 Oct 2024 13:59



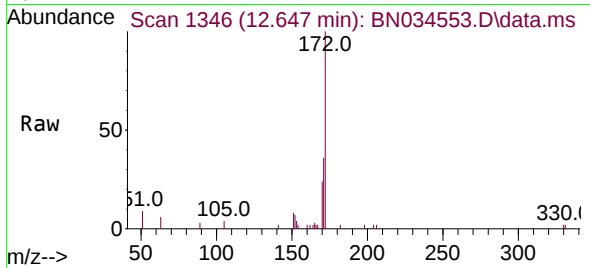
Tgt Ion:330 Resp: 396  
Ion Ratio Lower Upper  
330 100  
332 185.6 77.4 116.0#  
141 38.4 35.9 53.9





#15  
2-Fluorobiphenyl  
Concen: 0.296 ng  
RT: 12.647 min Scan# 11  
Delta R.T. 0.011 min  
Lab File: BN034553.D  
Acq: 11 Oct 2024 13:59

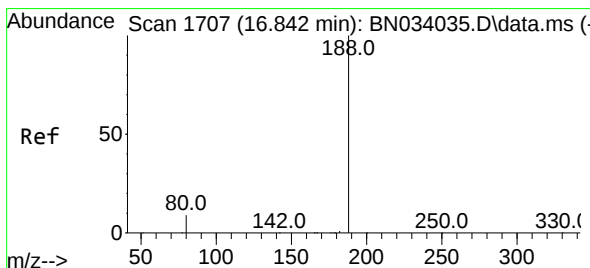
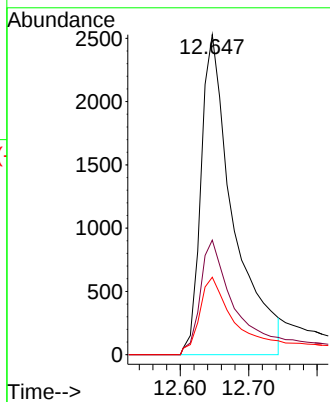
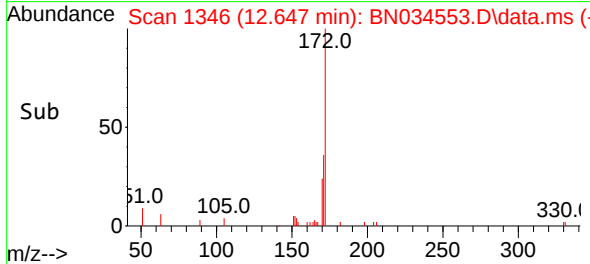
Instrument :  
BNA\_N  
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PB163903BL



Tgt Ion:172 Resp: 7594  
Ion Ratio Lower Upper  
172 100  
171 35.8 27.3 40.9  
170 24.2 18.1 27.1

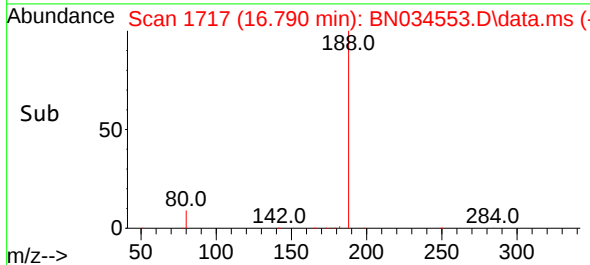
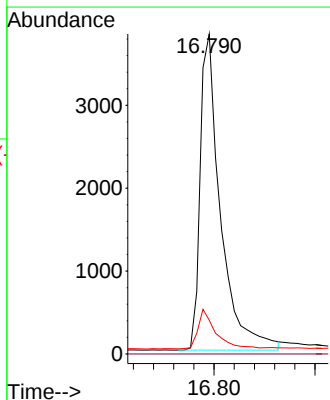
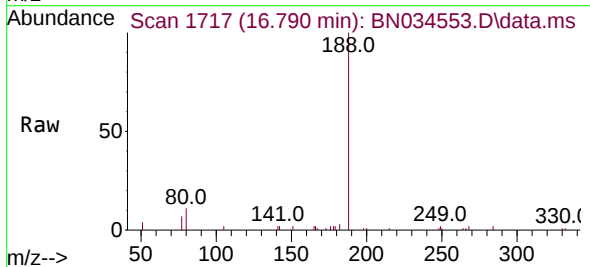
Manual Integrations  
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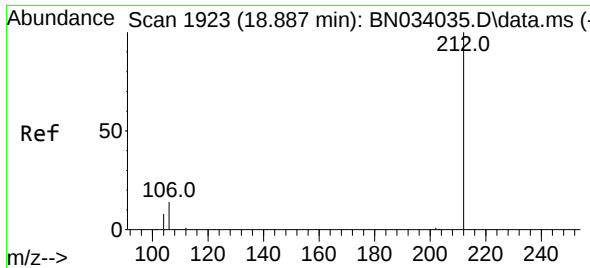
Reviewed By :Jagrut Upadhyay 10/14/2024  
Supervised By :mohammad ahmed 10/15/2024



#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 16.790 min Scan# 1717  
Delta R.T. 0.012 min  
Lab File: BN034553.D  
Acq: 11 Oct 2024 13:59

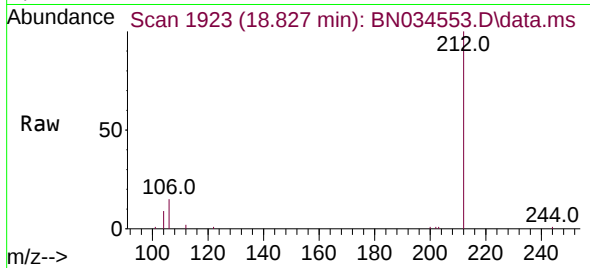
Tgt Ion:188 Resp: 10680  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 10.6 7.4 11.0





#27  
Fluoranthene-d10  
Concen: 0.385 ng  
RT: 18.827 min Scan# 1923  
Delta R.T. -0.000 min  
Lab File: BN034553.D  
Acq: 11 Oct 2024 13:59

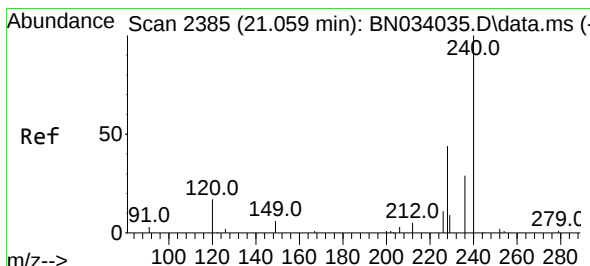
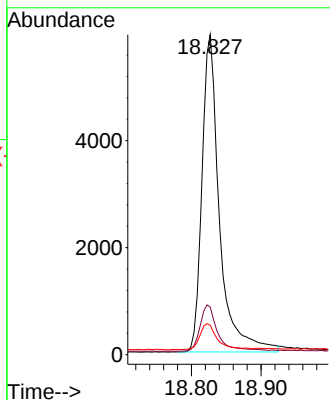
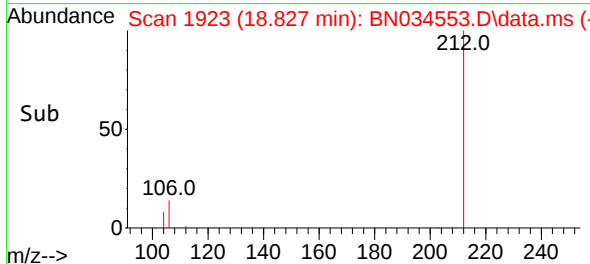
Instrument :  
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PB163903BL



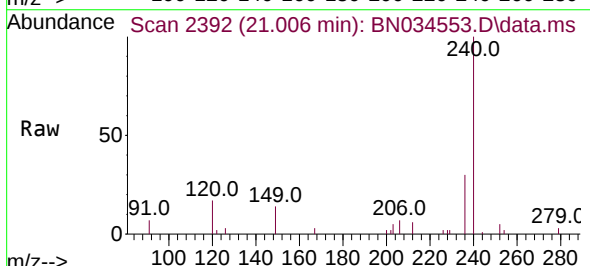
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212 100  
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104 8.7 7.8 11.6

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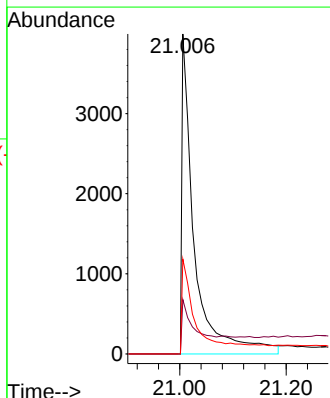
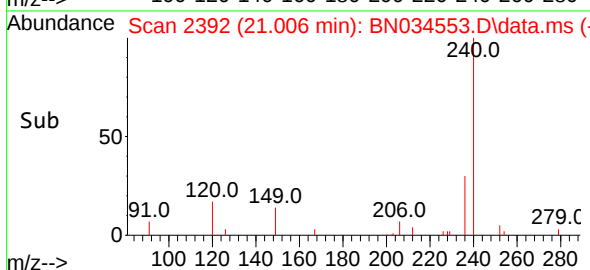
Reviewed By :Jagrut Upadhyay 10/14/2024  
Supervised By :mohammad ahmed 10/15/2024

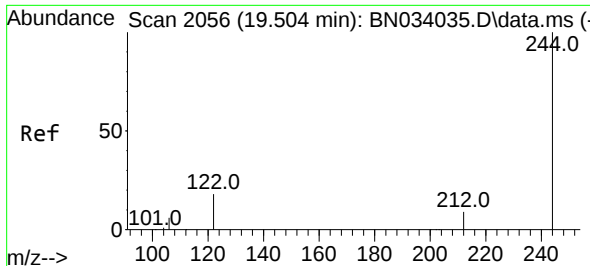


#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.006 min Scan# 2392  
Delta R.T. -0.000 min  
Lab File: BN034553.D  
Acq: 11 Oct 2024 13:59



Tgt Ion:240 Resp: 6687  
Ion Ratio Lower Upper  
240 100  
120 17.0 13.5 20.3  
236 29.7 23.4 35.0





#31  
 Terphenyl-d14  
 Concen: 0.519 ng  
 RT: 19.445 min Scan# 2056  
 Delta R.T. -0.005 min  
 Lab File: BN034553.D  
 Acq: 11 Oct 2024 13:59

Instrument :

BNA\_N

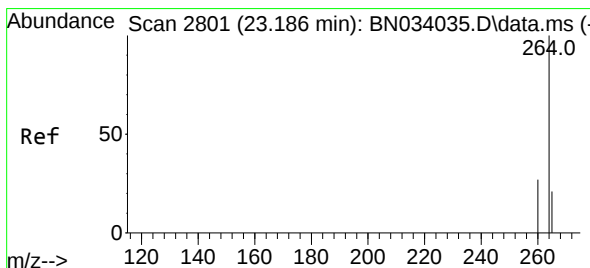
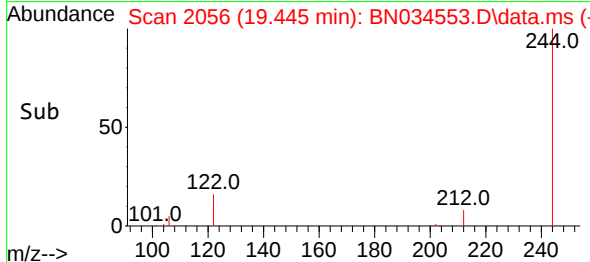
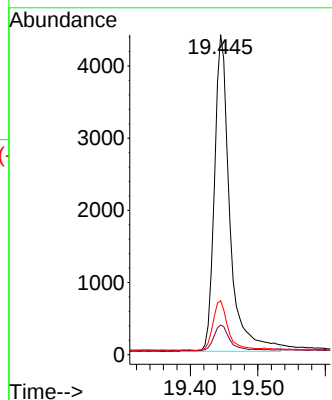
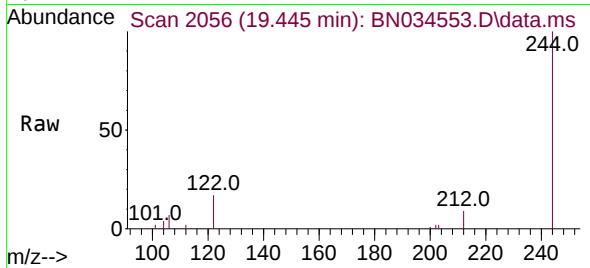
ClientSampleId :

PB163903BL

Tgt Ion:244 Resp: 693  
 Ion Ratio Lower Upper  
 244 100  
 212 9.2 7.8 11.6  
 122 16.9 14.8 22.2

Manual Integrations  
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 Supervised By :mohammad ahmed 10/15/2024



#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 23.111 min Scan# 2788  
 Delta R.T. -0.003 min  
 Lab File: BN034553.D  
 Acq: 11 Oct 2024 13:59

Tgt Ion:264 Resp: 10014  
 Ion Ratio Lower Upper  
 264 100  
 260 27.0 21.7 32.5  
 265 86.1 52.1 78.1#

