

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN082224\  
 Data File : BN033548.D  
 Acq On : 22 Aug 2024 12:17  
 Operator : MA/JU  
 Sample : P3643-10  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 924-K1-SD-0.5-1-081524

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 08/23/2024  
 Supervised By :mohammad ahmed 08/24/2024

Quant Time: Aug 22 12:48:00 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN081924.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Aug 19 23:32:18 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.545  | 152  | 9109     | 0.400 | ng    | -0.01    |
| 7) Naphthalene-d8             | 10.304 | 136  | 23609    | 0.400 | ng    | -0.01    |
| 13) Acenaphthene-d10          | 14.178 | 164  | 11609    | 0.400 | ng    | -0.01    |
| 19) Phenanthrene-d10          | 16.929 | 188  | 23645    | 0.400 | ng    | -0.01    |
| 29) Chrysene-d12              | 21.139 | 240  | 15274    | 0.400 | ng    | 0.00     |
| 35) Perylene-d12              | 23.309 | 264  | 15445    | 0.400 | ng    | -0.01    |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.183  | 112  | 2929     | 0.101 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.729  | 99   | 3627     | 0.105 | ng    | -0.01    |
| 8) Nitrobenzene-d5            | 8.681  | 82   | 2820     | 0.144 | ng    | -0.01    |
| 11) 2-Methylnaphthalene-d10   | 11.903 | 152  | 3826     | 0.113 | ng    | -0.01    |
| 14) 2,4,6-Tribromophenol      | 15.676 | 330  | 584      | 0.094 | ng    | -0.01    |
| 15) 2-Fluorobiphenyl          | 12.799 | 172  | 6820     | 0.144 | ng    | -0.01    |
| 27) Fluoranthene-d10          | 18.975 | 212  | 6017     | 0.106 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.588 | 244  | 4767     | 0.137 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
| 34) Bis(2-ethylhexyl)phtha... | 21.086 | 149  | 1400m    | 0.040 | ng    | Qvalue   |
| -----                         |        |      |          |       |       |          |

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

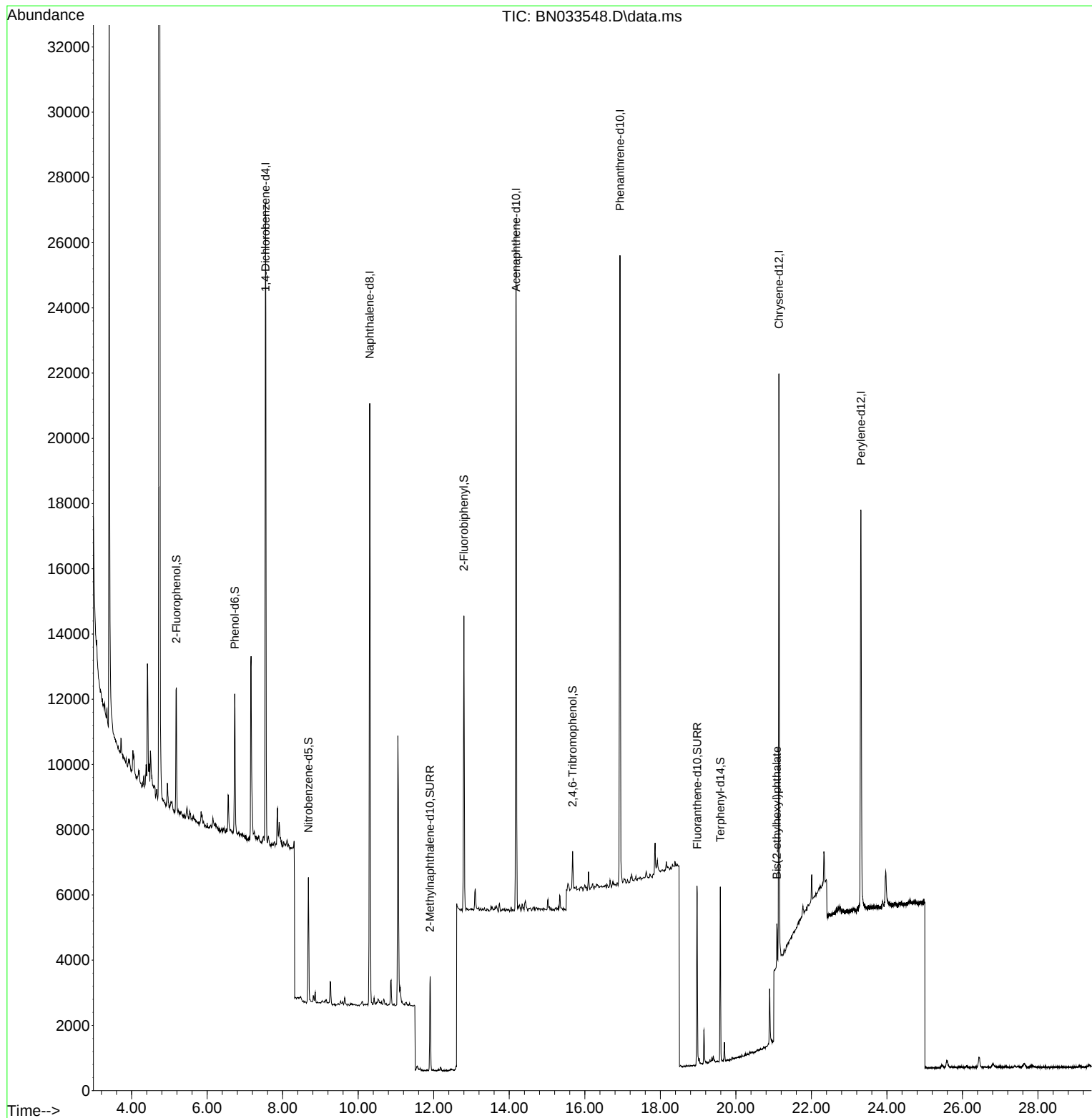
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN082224\  
Data File : BN033548.D  
Acq On : 22 Aug 2024 12:17  
Operator : MA/JU  
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Aug 19 23:32:18 2024  
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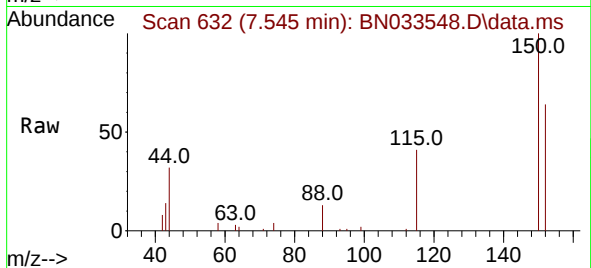
Reviewed By :Yogesh Patel 08/23/2024  
Supervised By :mohammad ahmed 08/24/2024





#1  
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.545 min Scan# 61  
Delta R.T. -0.014 min  
Lab File: BN033548.D  
Acq: 22 Aug 2024 12:17

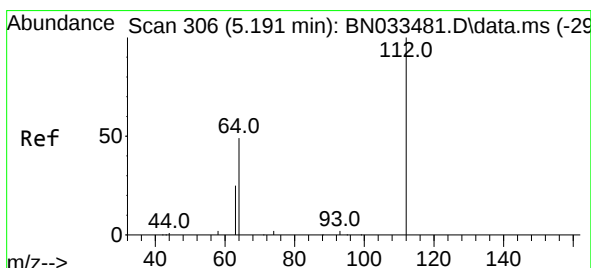
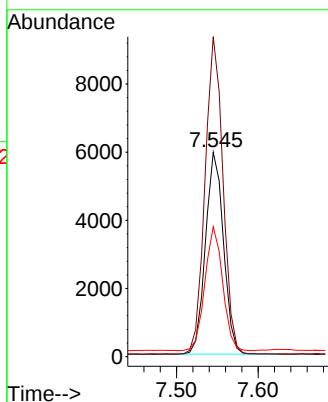
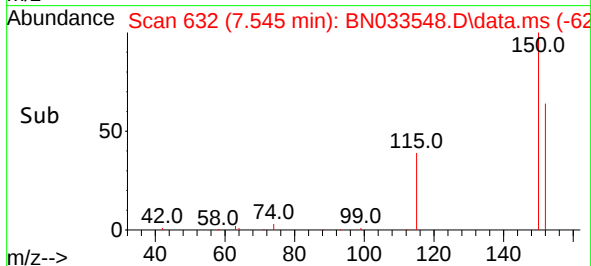
Instrument :  
BNA\_N  
ClientSampleId :  
924-K1-SD-0.5-1-081524



Tgt Ion:152 Resp: 910  
Ion Ratio Lower Upper  
152 100  
150 156.5 122.2 183.2  
115 63.5 47.2 70.8

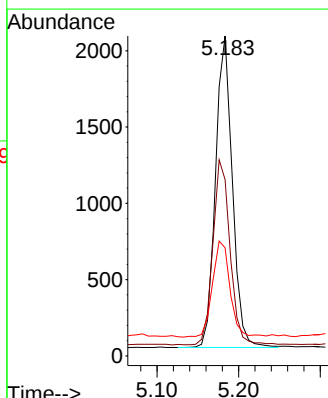
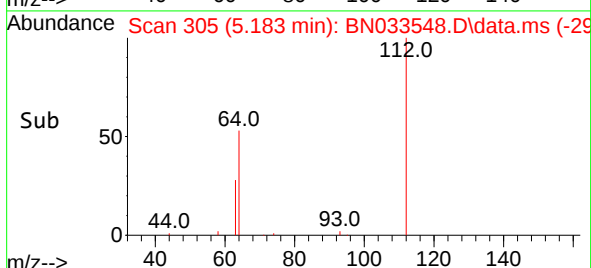
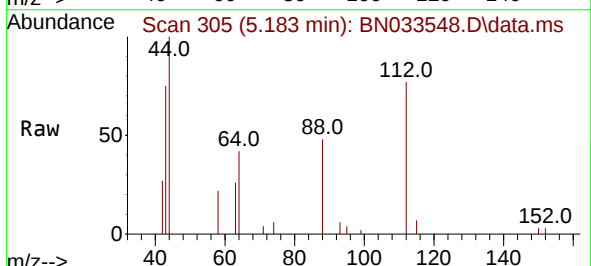
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Reviewed By :Yogesh Patel 08/23/2024  
Supervised By :mohammad ahmed 08/24/2024



#4  
2-Fluorophenol  
Concen: 0.101 ng  
RT: 5.183 min Scan# 305  
Delta R.T. -0.007 min  
Lab File: BN033548.D  
Acq: 22 Aug 2024 12:17

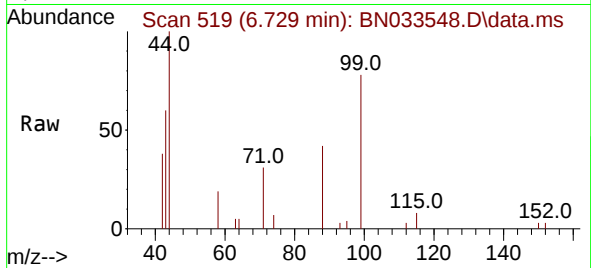
Tgt Ion:112 Resp: 2929  
Ion Ratio Lower Upper  
112 100  
64 60.2 47.1 70.7  
63 32.1 24.9 37.3





#5  
Phenol-d6  
Concen: 0.105 ng  
RT: 6.729 min Scan# 519  
Delta R.T. -0.014 min  
Lab File: BN033548.D  
Acq: 22 Aug 2024 12:17

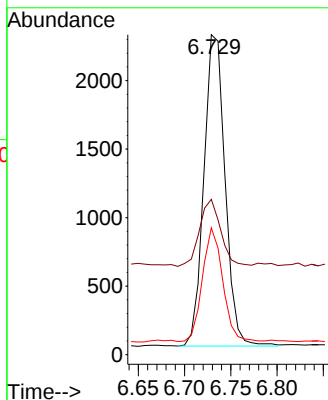
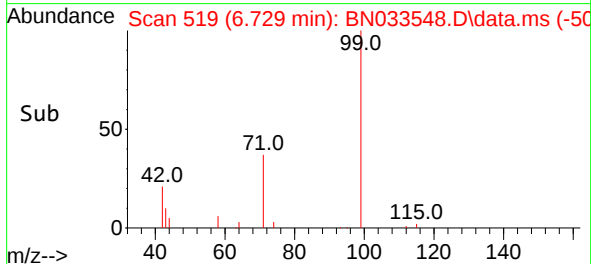
Instrument :  
BNA\_N  
ClientSampleId :  
924-K1-SD-0.5-1-081524



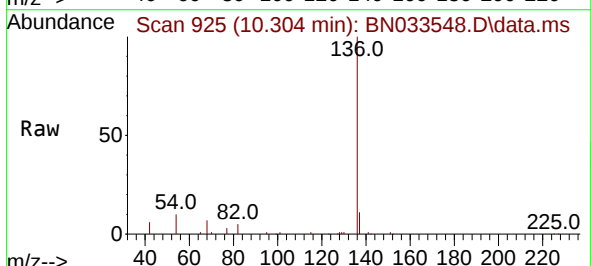
Tgt Ion: 99 Resp: 362  
Ion Ratio Lower Upper  
99 100  
42 21.4 16.6 24.8  
71 34.8 26.2 39.4

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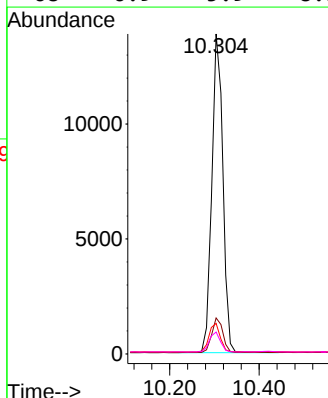
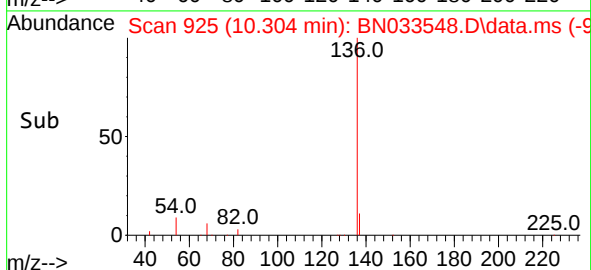
Reviewed By :Yogesh Patel 08/23/2024  
Supervised By :mohammad ahmed 08/24/2024

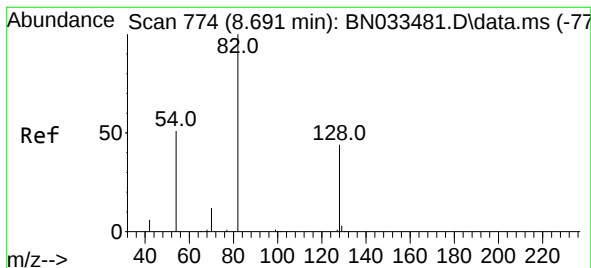


#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.304 min Scan# 925  
Delta R.T. -0.011 min  
Lab File: BN033548.D  
Acq: 22 Aug 2024 12:17



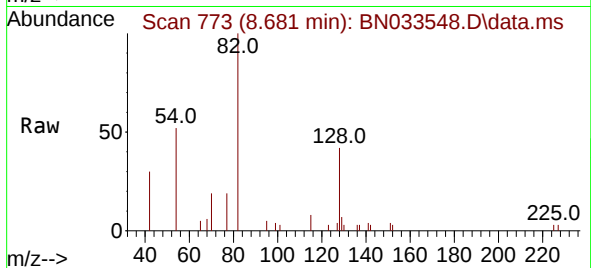
Tgt Ion:136 Resp: 23609  
Ion Ratio Lower Upper  
136 100  
137 11.3 9.0 13.6  
54 9.5 8.3 12.5  
68 6.9 5.9 8.9





#8  
Nitrobenzene-d5  
Concen: 0.144 ng  
RT: 8.681 min Scan# 71  
Delta R.T. -0.011 min  
Lab File: BN033548.D  
Acq: 22 Aug 2024 12:17

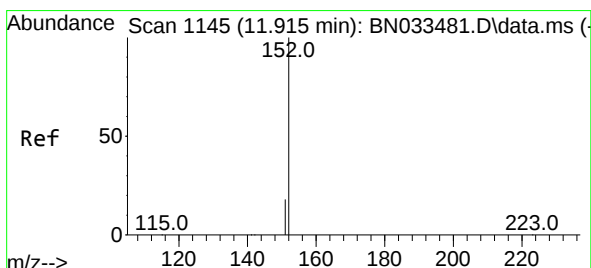
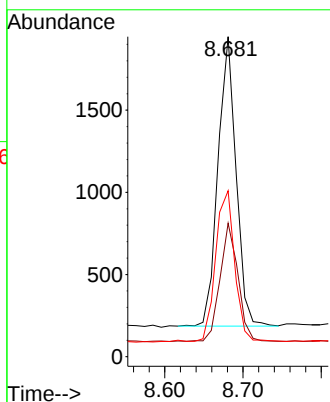
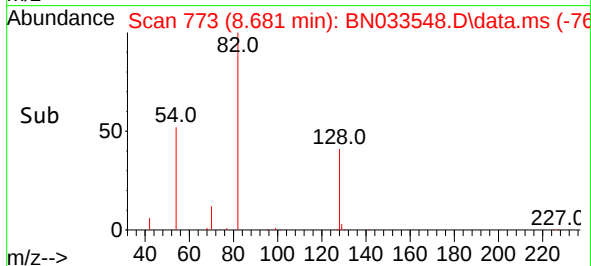
Instrument :  
BNA\_N  
ClientSampleId :  
924-K1-SD-0.5-1-081524



Tgt Ion: 82 Resp: 2820  
Ion Ratio Lower Upper  
82 100  
128 41.7 36.0 54.0  
54 51.9 42.0 63.0

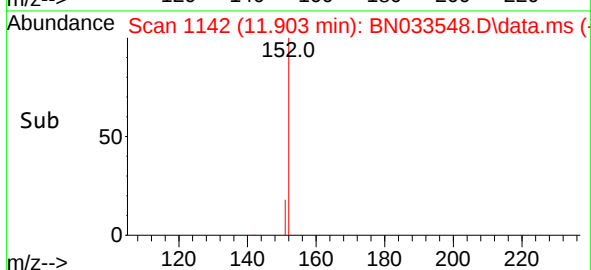
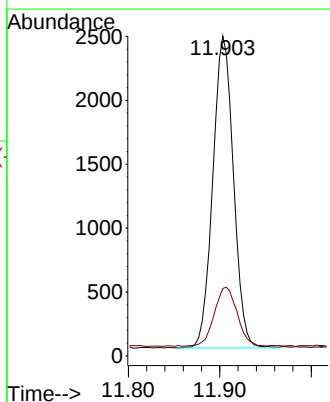
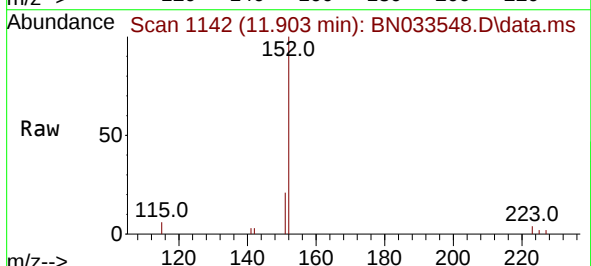
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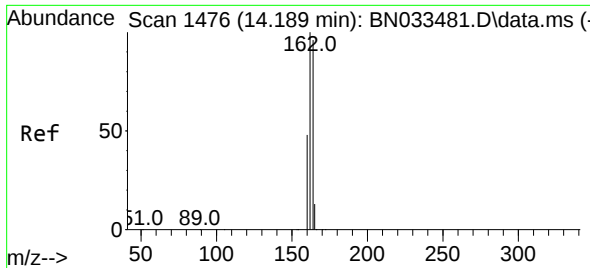
Reviewed By :Yogesh Patel 08/23/2024  
Supervised By :mohammad ahmed 08/24/2024



#11  
2-Methylnaphthalene-d10  
Concen: 0.113 ng  
RT: 11.903 min Scan# 1142  
Delta R.T. -0.011 min  
Lab File: BN033548.D  
Acq: 22 Aug 2024 12:17

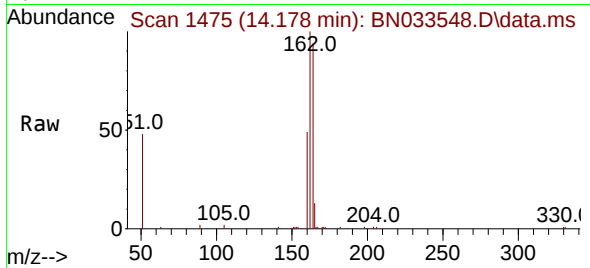
Tgt Ion:152 Resp: 3826  
Ion Ratio Lower Upper  
152 100  
151 21.0 16.6 25.0





#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.178 min Scan# 1476  
Delta R.T. -0.011 min  
Lab File: BN033548.D  
Acq: 22 Aug 2024 12:17

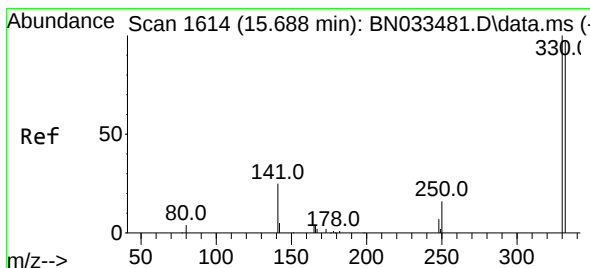
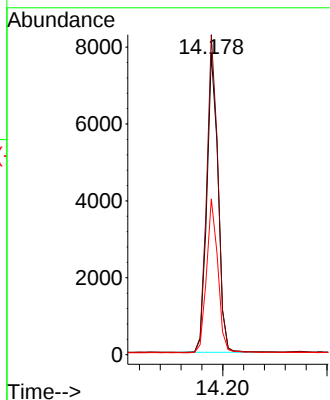
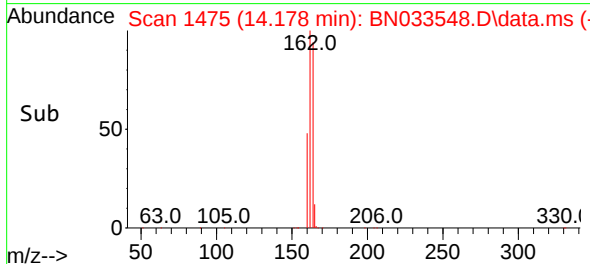
Instrument : BNA\_N  
ClientSampleId : 924-K1-SD-0.5-1-081524



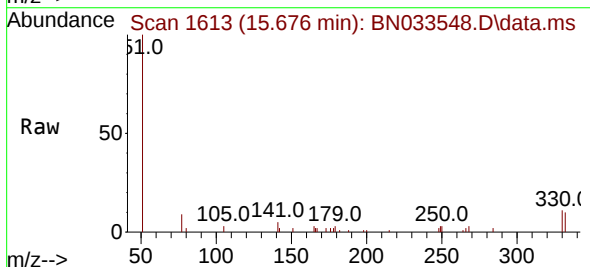
Tgt Ion:164 Resp: 11609  
Ion Ratio Lower Upper  
164 100  
162 106.5 83.5 125.3  
160 51.9 40.2 60.4

Manual Integrations  
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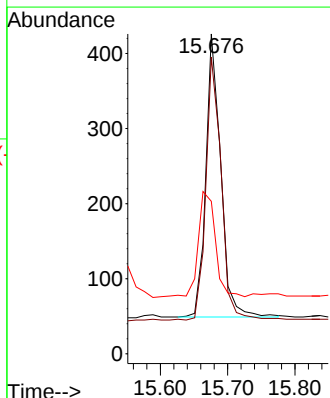
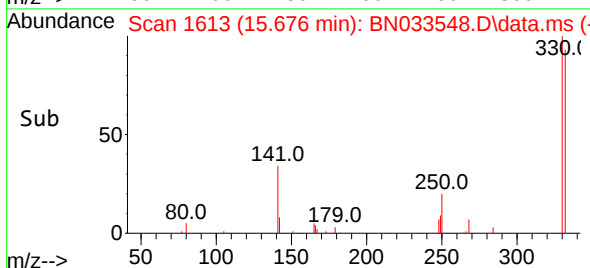
Reviewed By :Yogesh Patel 08/23/2024  
Supervised By :mohammad ahmed 08/24/2024

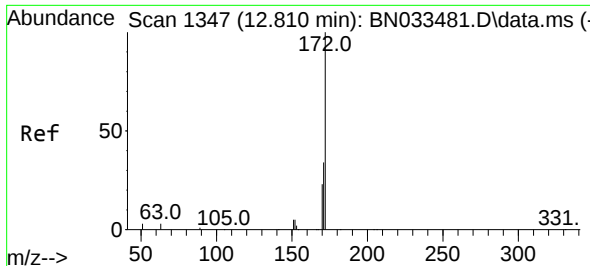


#14  
2,4,6-Tribromophenol  
Concen: 0.094 ng  
RT: 15.676 min Scan# 1613  
Delta R.T. -0.012 min  
Lab File: BN033548.D  
Acq: 22 Aug 2024 12:17



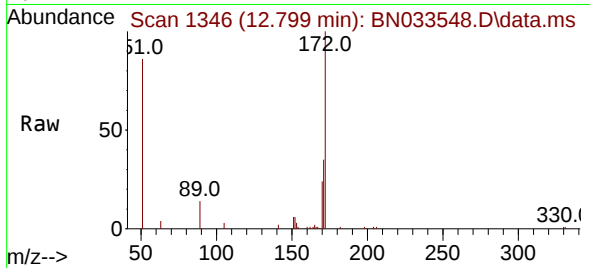
Tgt Ion:330 Resp: 584  
Ion Ratio Lower Upper  
330 100  
332 94.7 77.5 116.3  
141 41.8 33.9 50.9





#15  
2-Fluorobiphenyl  
Concen: 0.144 ng  
RT: 12.799 min Scan# 11  
Delta R.T. -0.011 min  
Lab File: BN033548.D  
Acq: 22 Aug 2024 12:17

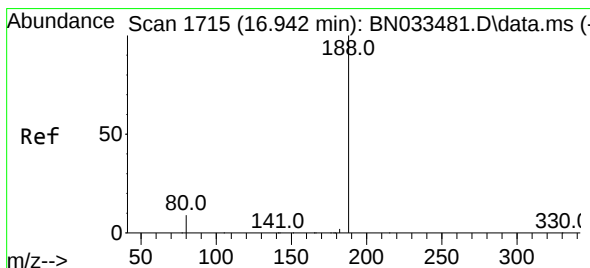
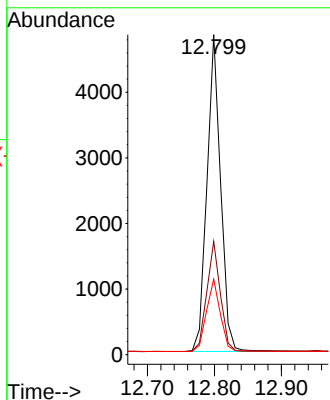
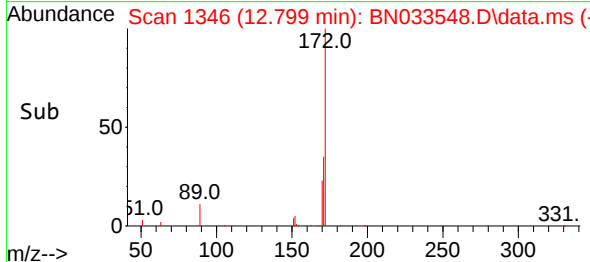
Instrument :  
BNA\_N  
ClientSampleId :  
924-K1-SD-0.5-1-081524



Tgt Ion:172 Resp: 6820  
Ion Ratio Lower Upper  
172 100  
171 35.4 27.7 41.5  
170 23.6 18.3 27.5

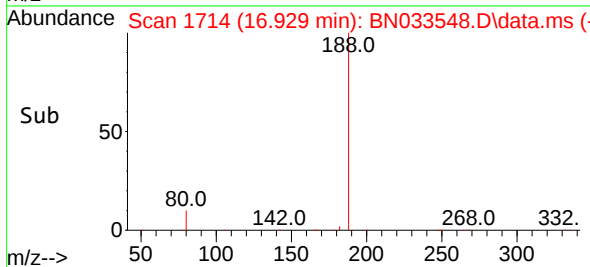
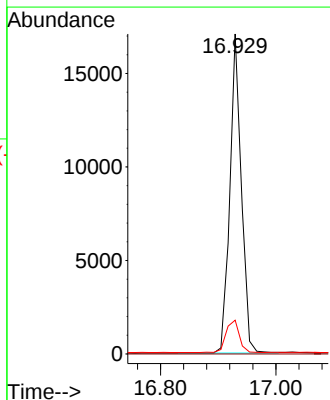
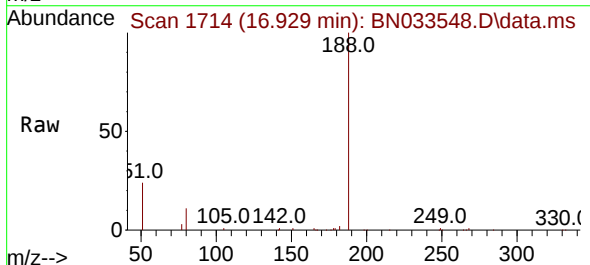
Manual Integrations  
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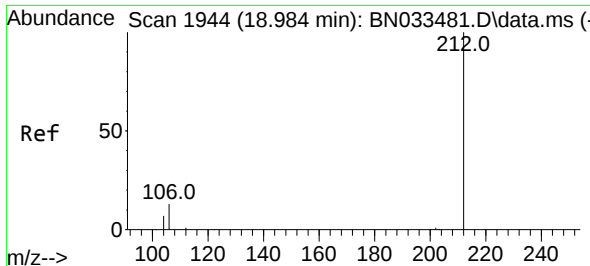
Reviewed By :Yogesh Patel 08/23/2024  
Supervised By :mohammad ahmed 08/24/2024



#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 16.929 min Scan# 1714  
Delta R.T. -0.012 min  
Lab File: BN033548.D  
Acq: 22 Aug 2024 12:17

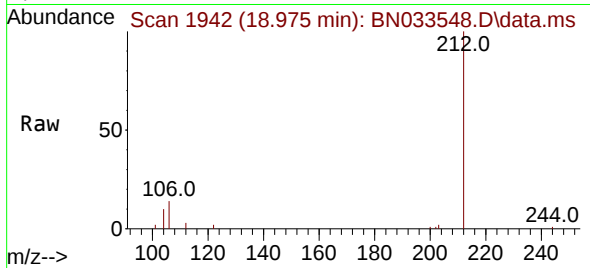
Tgt Ion:188 Resp: 23645  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 10.5 7.8 11.8





#27  
Fluoranthene-d10  
Concen: 0.106 ng  
RT: 18.975 min Scan# 1944  
Delta R.T. -0.009 min  
Lab File: BN033548.D  
Acq: 22 Aug 2024 12:17

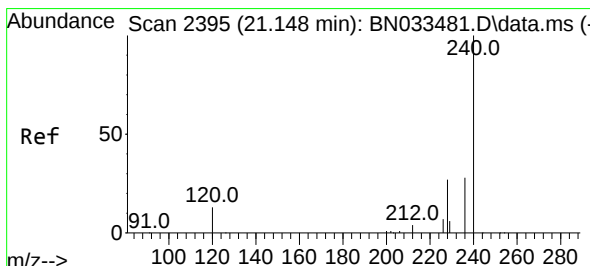
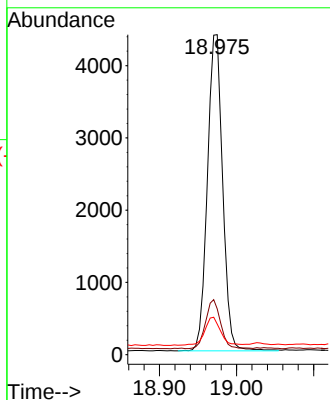
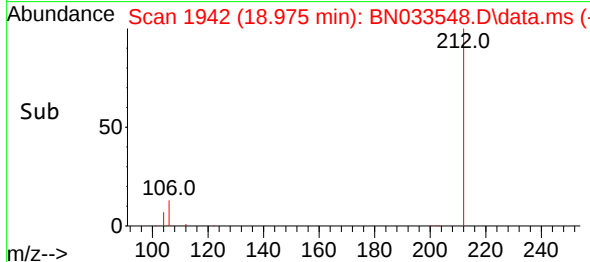
Instrument :  
BNA\_N  
ClientSampleId :  
924-K1-SD-0.5-1-081524



Tgt Ion:212 Resp: 601  
Ion Ratio Lower Upper  
212 100  
106 15.1 12.3 18.5  
104 9.2 7.0 10.4

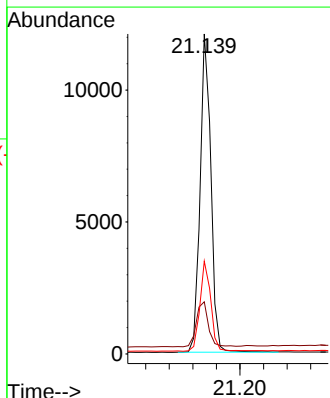
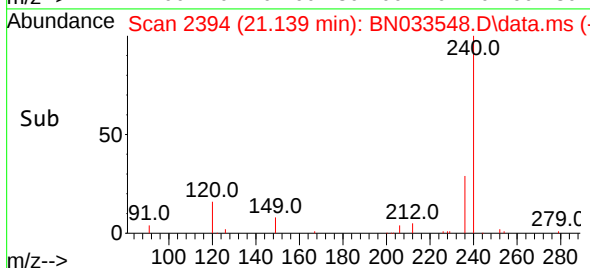
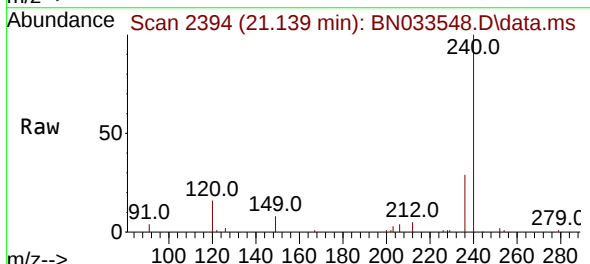
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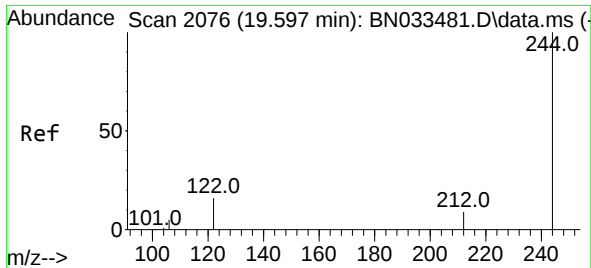
Reviewed By :Yogesh Patel 08/23/2024  
Supervised By :mohammad ahmed 08/24/2024



#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.139 min Scan# 2394  
Delta R.T. -0.009 min  
Lab File: BN033548.D  
Acq: 22 Aug 2024 12:17

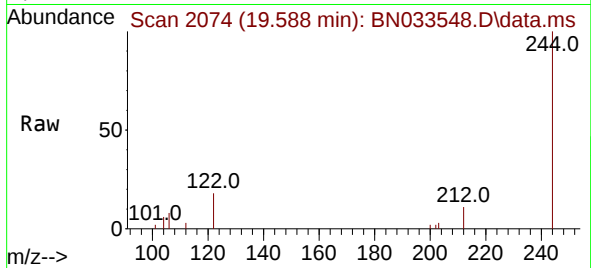
Tgt Ion:240 Resp: 15274  
Ion Ratio Lower Upper  
240 100  
120 16.3 12.4 18.6  
236 29.0 23.0 34.6





#31  
 Terphenyl-d14  
 Concen: 0.137 ng  
 RT: 19.588 min Scan# 2074  
 Delta R.T. -0.009 min  
 Lab File: BN033548.D  
 Acq: 22 Aug 2024 12:17

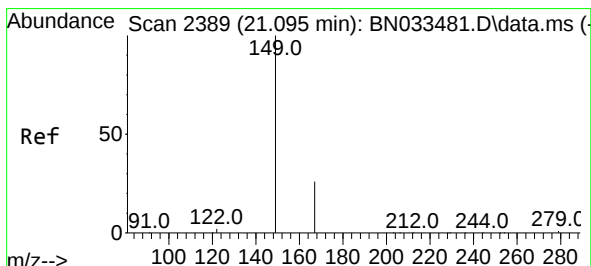
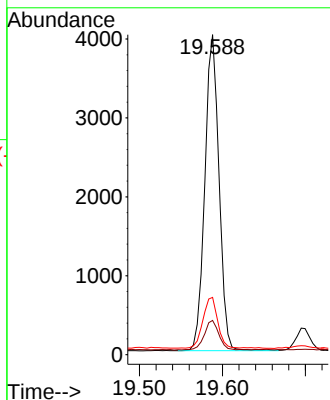
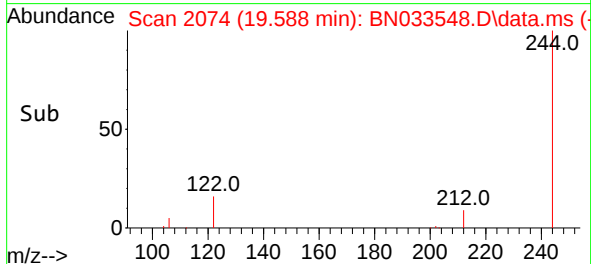
Instrument :  
 BNA\_N  
 ClientSampleId :  
 924-K1-SD-0.5-1-081524



Tgt Ion:244 Resp: 476  
 Ion Ratio Lower Upper  
 244 100  
 212 10.7 7.8 11.6  
 122 17.9 13.3 19.9

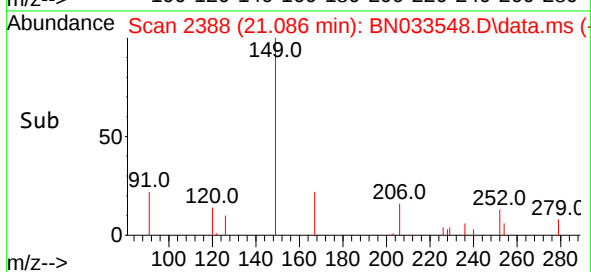
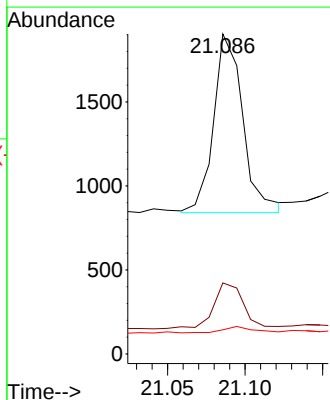
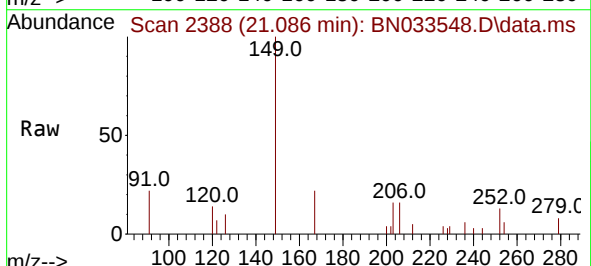
Manual Integrations  
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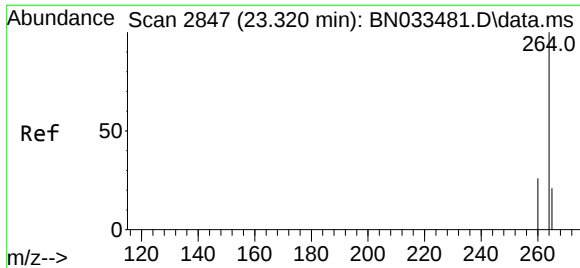
Reviewed By :Yogesh Patel 08/23/2024  
 Supervised By :mohammad ahmed 08/24/2024



#34  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.040 ng m  
 RT: 21.086 min Scan# 2388  
 Delta R.T. -0.009 min  
 Lab File: BN033548.D  
 Acq: 22 Aug 2024 12:17

Tgt Ion:149 Resp: 1400  
 Ion Ratio Lower Upper  
 149 100  
 167 31.1 21.5 32.3  
 279 0.0 2.2 3.2#





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.309 min Scan# 21

Delta R.T. -0.012 min

Lab File: BN033548.D

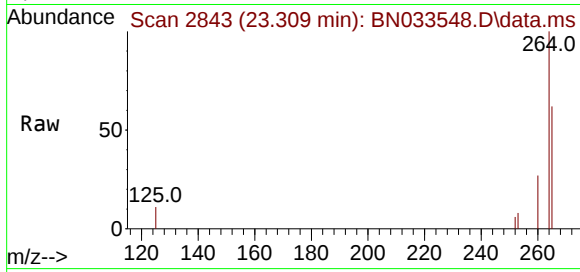
Acq: 22 Aug 2024 12:17

Instrument :

BNA\_N

ClientSampleId :

924-K1-SD-0.5-1-081524



Tgt Ion:264 Resp: 1544

Ion Ratio Lower Upper

264 100

260 26.5 20.8 31.2

265 61.8 52.2 78.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/23/2024

Supervised By :mohammad ahmed 08/24/2024

