

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN091721\  
 Data File : BN016324.D  
 Acq On : 18 Sep 2021 08:32  
 Operator : CG/JU  
 Sample : M3791-01  
 Misc :  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SW-RR-02-(1.0)

Manual Integrations  
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Quant Time: Sep 20 00:55:49 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN091721.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Sep 17 23:59:14 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc | Units | Dev(Min) |
|-------------------------------|--------|------|----------|------|-------|----------|
| -----                         |        |      |          |      |       |          |
| Internal Standards            |        |      |          |      |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.689  | 152  | 41508    | 0.40 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.457 | 136  | 185811   | 0.40 | ng    | 0.00     |
| 13) Acenaphthene-d10          | 14.307 | 164  | 110988   | 0.40 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.054 | 188  | 221695   | 0.40 | ng    | #-0.01   |
| 29) Chrysene-d12              | 21.259 | 240  | 239161   | 0.40 | ng    | # 0.00   |
| 35) Perylene-d12              | 23.526 | 264  | 255662   | 0.40 | ng    | 0.00     |
|                               |        |      |          |      |       |          |
| System Monitoring Compounds   |        |      |          |      |       |          |
| 4) 2-Fluorophenol             | 5.319  | 112  | 7595     | 0.07 | ng    | 0.02     |
| 5) Phenol-d6                  | 6.868  | 99   | 5241     | 0.04 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.822  | 82   | 21807    | 0.20 | ng    | -0.01    |
| 11) 2-Methylnaphthalene-d10   | 12.047 | 152  | 49619    | 0.17 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.804 | 330  | 8721     | 0.27 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 12.937 | 172  | 68787    | 0.16 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.098 | 212  | 121179   | 0.19 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.708 | 244  | 105637   | 0.19 | ng    | 0.00     |
|                               |        |      |          |      |       |          |
| Target Compounds              |        |      |          |      |       | Qvalue   |
| 9) Naphthalene                | 10.508 | 128  | 1122958  | 2.24 | ng    | 100      |
| 12) 2-Methylnaphthalene       | 12.123 | 142  | 24997    | 0.08 | ng    | 98       |
| 34) Bis(2-ethylhexyl)phtha... | 21.196 | 149  | 47292    | 0.11 | ng    | 99       |
| -----                         |        |      |          |      |       |          |

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

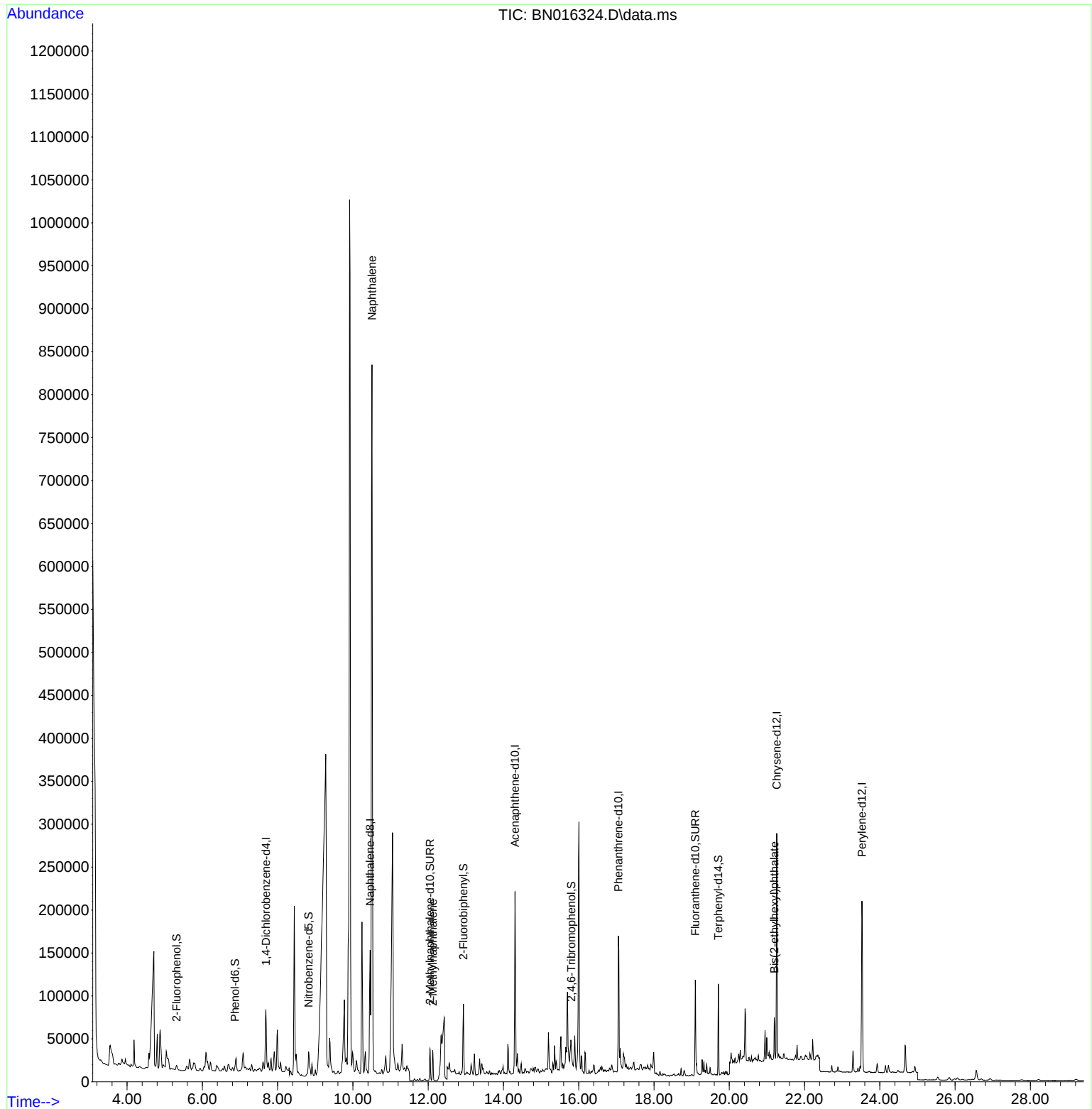
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN091721\  
Data File : BN016324.D  
Acq On : 18 Sep 2021 08:32  
Operator : CG/JU  
Sample : M3791-01  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

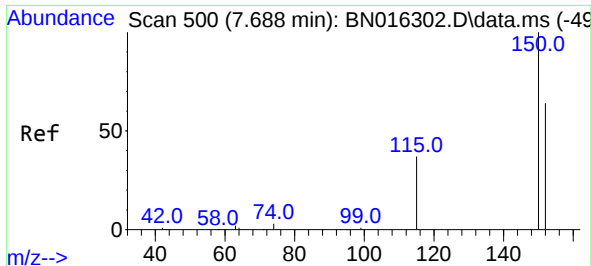
Instrument :  
BNA\_N  
ClientSampleId :  
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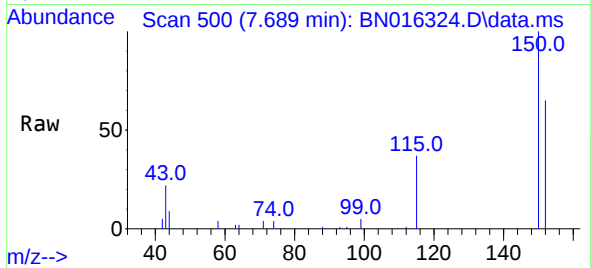
Quant Time: Sep 20 00:55:49 2021  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN091721.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Sep 17 23:59:14 2021  
Response via : Initial Calibration





#1  
1,4-Dichlorobenzene-d4  
Concen: 0.40 ng  
RT: 7.689 min Scan# 500  
Delta R.T. 0.001 min  
Lab File: BN016324.D  
Acq: 18 Sep 2021 08:32

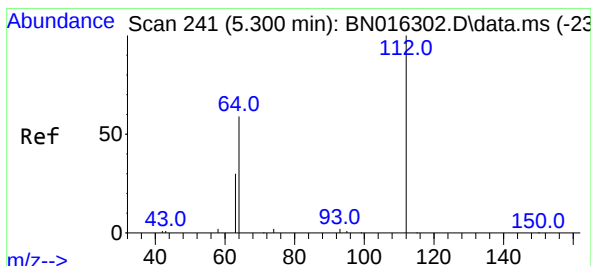
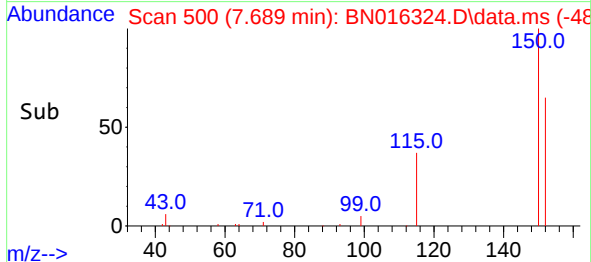
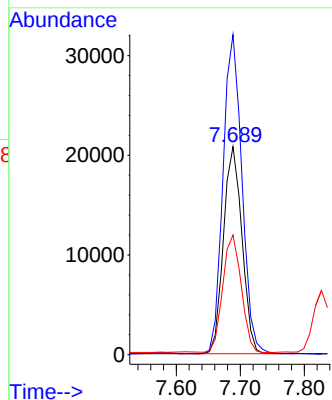
Instrument :  
BNA\_N  
ClientSampleId :  
SW-RR-02-(1.0)



Tgt Ion:152 Resp: 41508  
Ion Ratio Lower Upper  
152 100  
150 153.8 125.6 188.4  
115 57.5 50.2 75.2

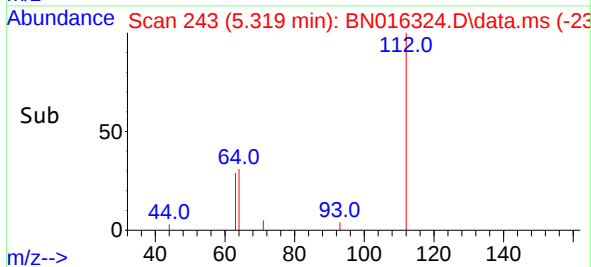
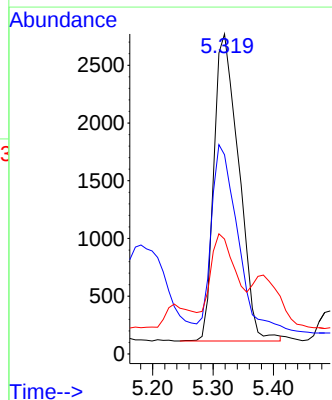
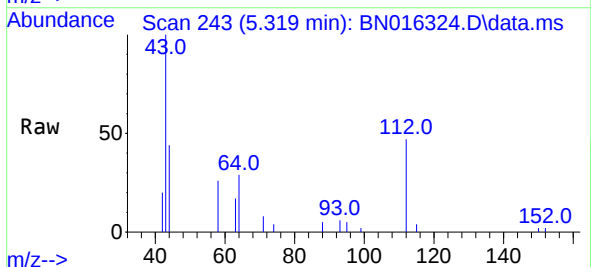
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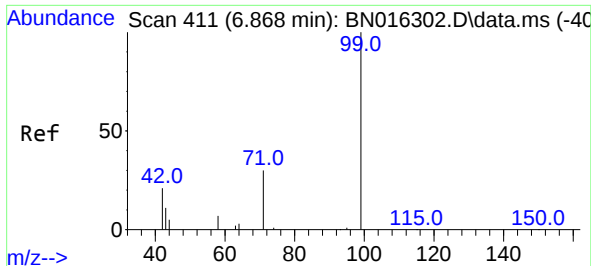
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#4  
2-Fluorophenol  
Concen: 0.07 ng  
RT: 5.319 min Scan# 243  
Delta R.T. 0.019 min  
Lab File: BN016324.D  
Acq: 18 Sep 2021 08:32

Tgt Ion:112 Resp: 7595  
Ion Ratio Lower Upper  
112 100  
64 57.9 47.3 70.9  
63 24.0 23.4 35.0





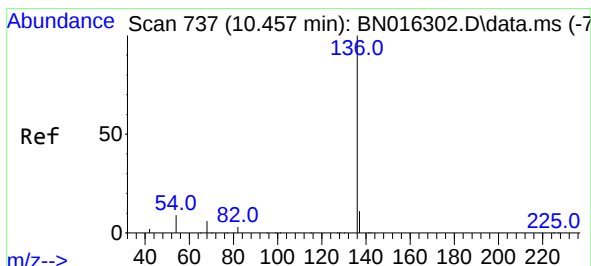
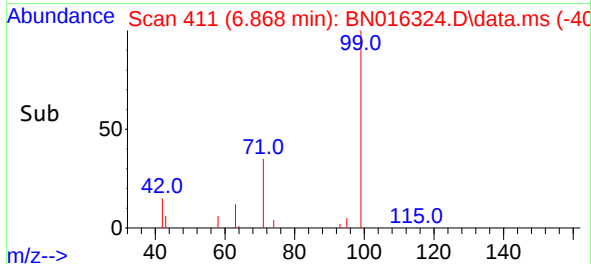
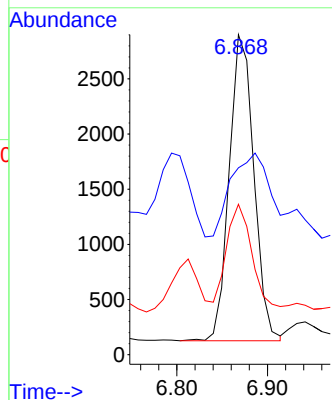
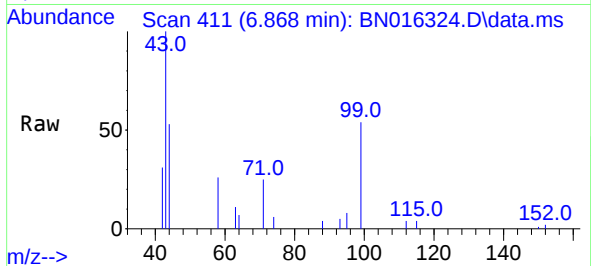
#5  
Phenol-d6  
Concen: 0.04 ng  
RT: 6.868 min Scan# 411  
Delta R.T. 0.000 min  
Lab File: BN016324.D  
Acq: 18 Sep 2021 08:32

Tgt Ion: 99 Resp: 5241  
Ion Ratio Lower Upper  
99 100  
42 44.7 14.0 21.0#  
71 32.8 23.8 35.6

Instrument :  
BNA\_N  
ClientSampleId :  
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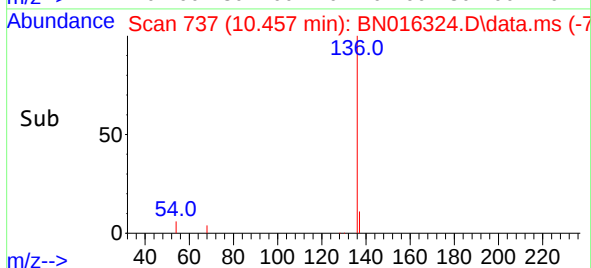
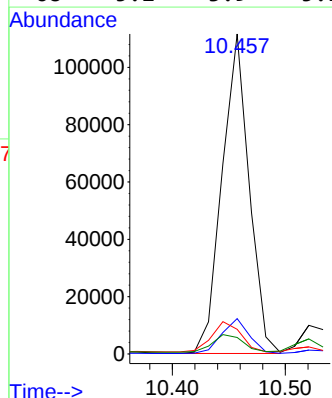
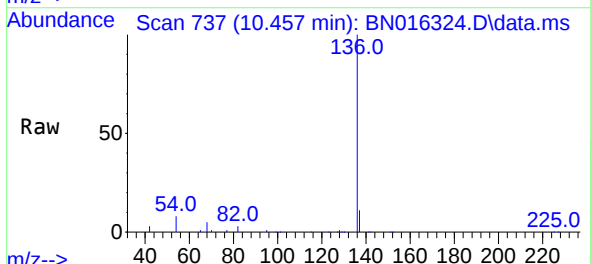
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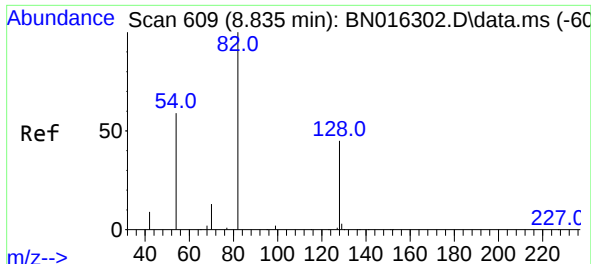
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#7  
Naphthalene-d8  
Concen: 0.40 ng  
RT: 10.457 min Scan# 737  
Delta R.T. 0.000 min  
Lab File: BN016324.D  
Acq: 18 Sep 2021 08:32

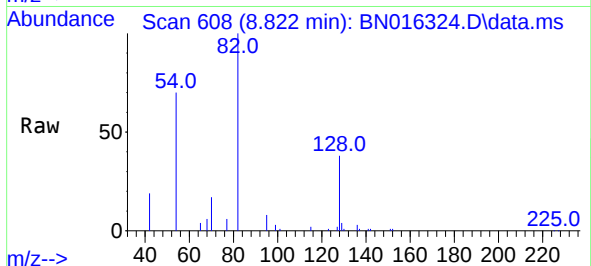
Tgt Ion:136 Resp: 185811  
Ion Ratio Lower Upper  
136 100  
137 11.1 8.8 13.2  
54 7.7 5.3 7.9  
68 5.2 3.9 5.9





#8  
Nitrobenzene-d5  
Concen: 0.20 ng  
RT: 8.822 min Scan# 608  
Delta R.T. -0.013 min  
Lab File: BN016324.D  
Acq: 18 Sep 2021 08:32

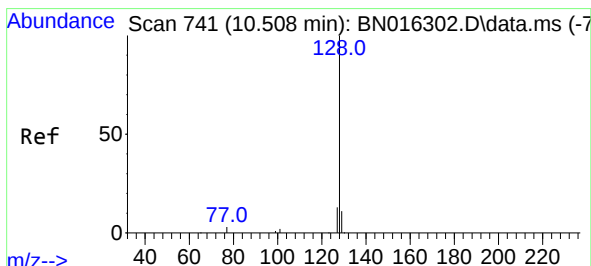
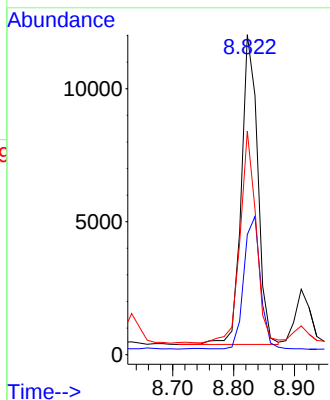
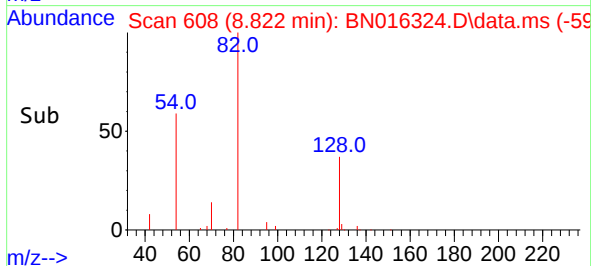
Instrument :  
BNA\_N  
ClientSampleId :  
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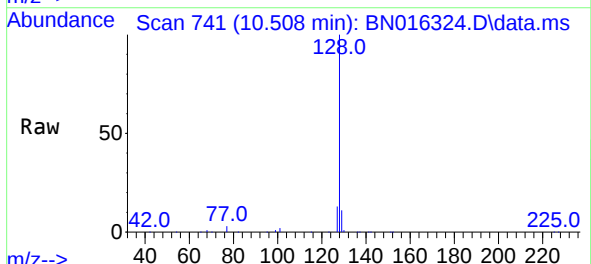
Tgt Ion: 82 Resp: 21807  
Ion Ratio Lower Upper  
82 100  
128 37.6 31.7 47.5  
54 69.8 46.4 69.6#

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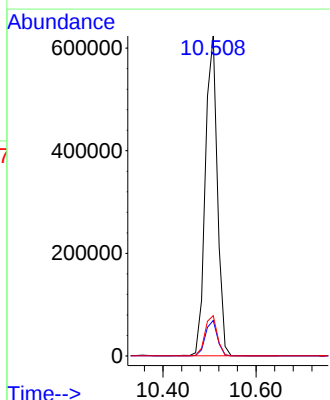
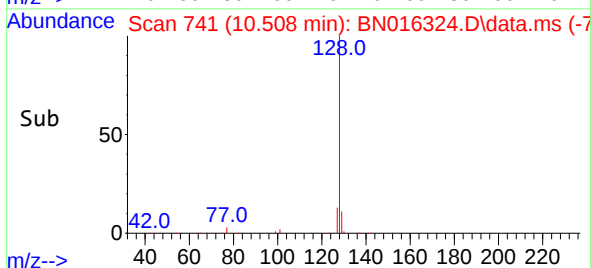
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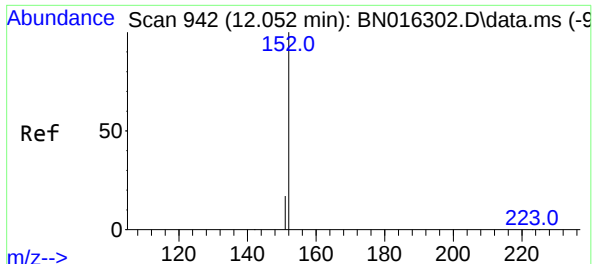


#9  
Naphthalene  
Concen: 2.24 ng  
RT: 10.508 min Scan# 741  
Delta R.T. 0.000 min  
Lab File: BN016324.D  
Acq: 18 Sep 2021 08:32



Tgt Ion: 128 Resp: 1122958  
Ion Ratio Lower Upper  
128 100  
129 11.1 8.9 13.3  
127 12.6 10.1 15.1





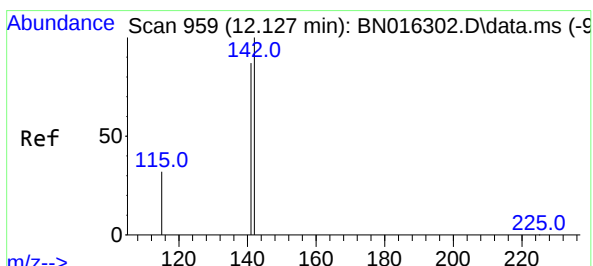
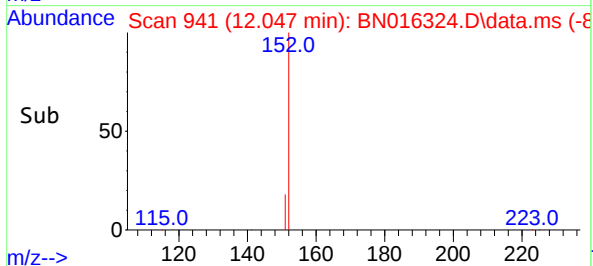
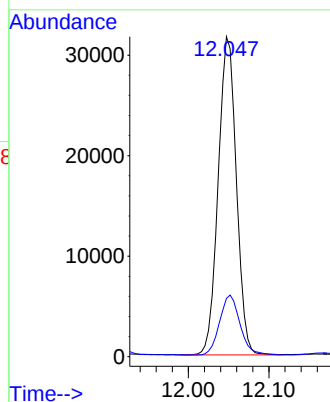
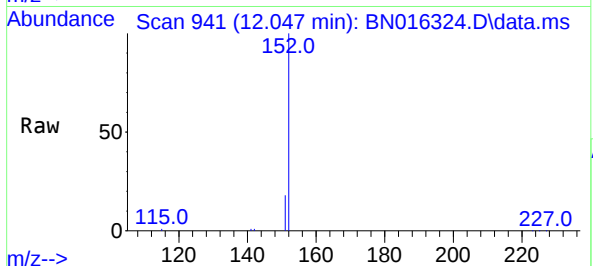
#11  
2-Methylnaphthalene-d10  
Concen: 0.17 ng  
RT: 12.047 min Scan# 941  
Delta R.T. -0.004 min  
Lab File: BN016324.D  
Acq: 18 Sep 2021 08:32

Tgt Ion:152 Resp: 49619  
Ion Ratio Lower Upper  
152 100  
151 21.1 16.1 24.1

Instrument :  
BNA\_N  
ClientSampleId :  
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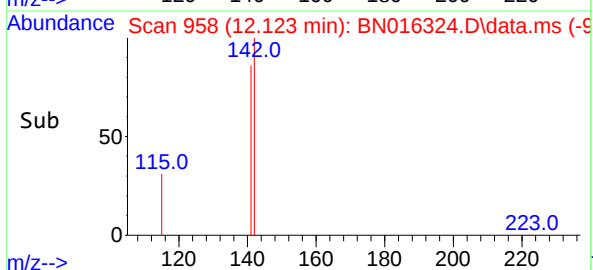
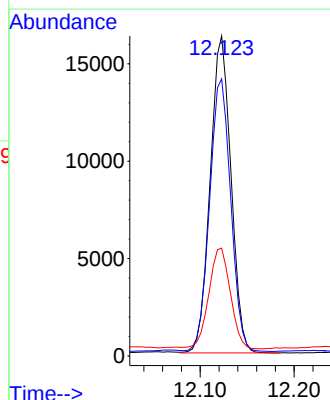
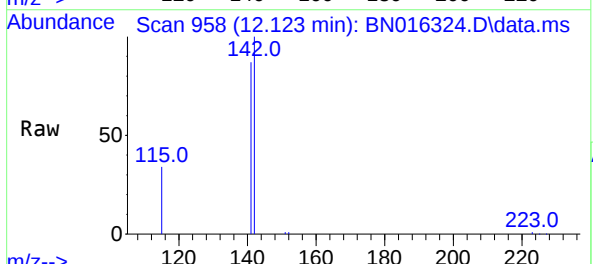
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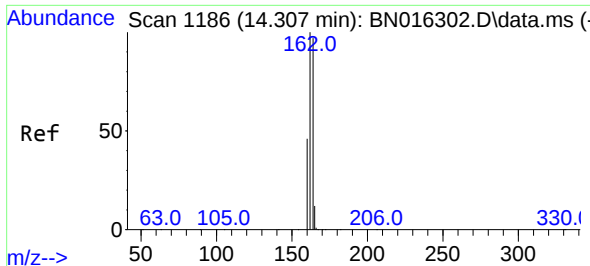
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#12  
2-Methylnaphthalene  
Concen: 0.08 ng  
RT: 12.123 min Scan# 958  
Delta R.T. -0.004 min  
Lab File: BN016324.D  
Acq: 18 Sep 2021 08:32

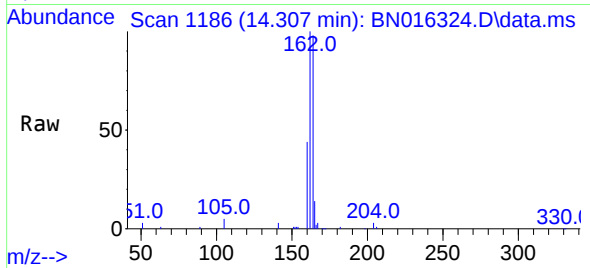
Tgt Ion:142 Resp: 24997  
Ion Ratio Lower Upper  
142 100  
141 86.6 69.8 104.8  
115 33.7 24.4 36.6





#13  
Acenaphthene-d10  
Concen: 0.40 ng  
RT: 14.307 min Scan# 1186  
Delta R.T. 0.000 min  
Lab File: BN016324.D  
Acq: 18 Sep 2021 08:32

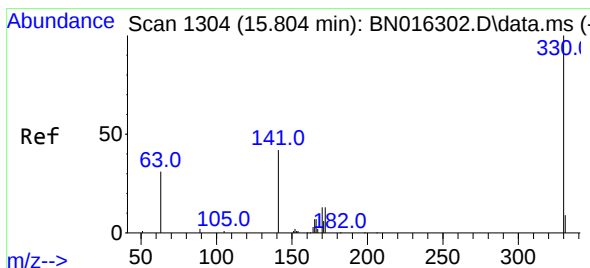
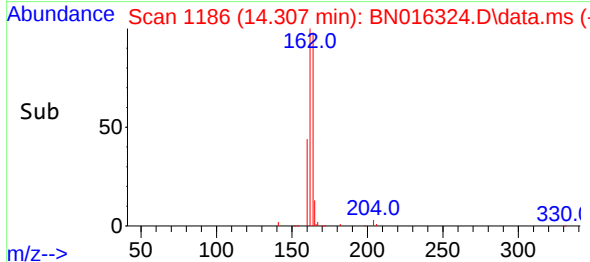
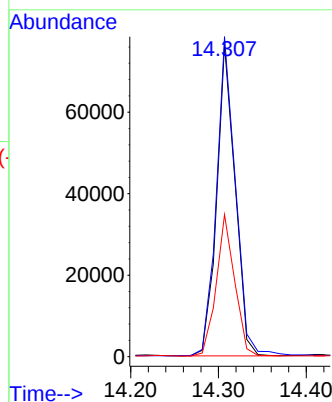
Instrument :  
BNA\_N  
ClientSampleId :  
SW-RR-02-(1.0)



Tgt Ion:164 Resp: 110988  
Ion Ratio Lower Upper  
164 100  
162 102.5 79.0 118.4  
160 45.5 34.1 51.1

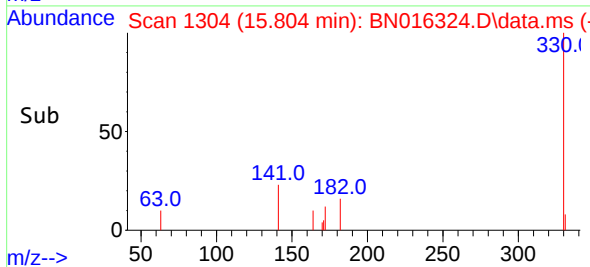
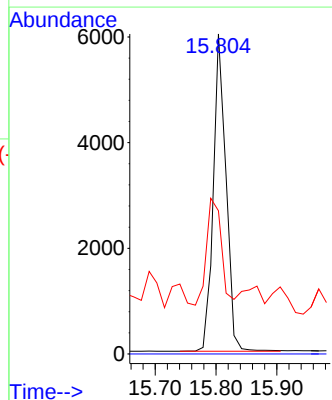
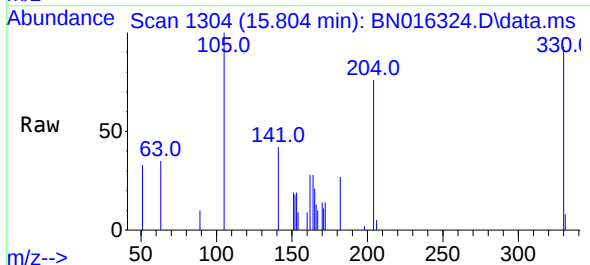
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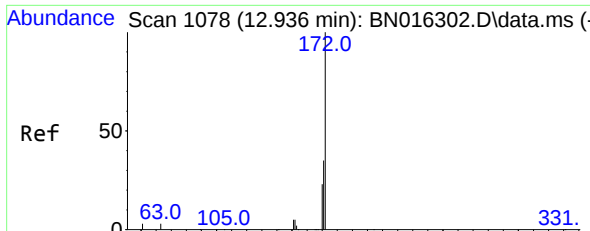
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#14  
2,4,6-Tribromophenol  
Concen: 0.27 ng  
RT: 15.804 min Scan# 1304  
Delta R.T. 0.000 min  
Lab File: BN016324.D  
Acq: 18 Sep 2021 08:32

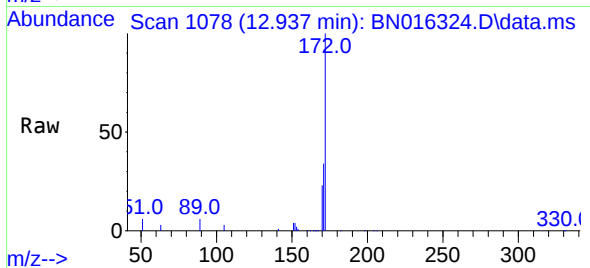
Tgt Ion:330 Resp: 8721  
Ion Ratio Lower Upper  
330 100  
332 0.0 0.0 0.0  
141 39.3 25.0 37.4#





#15  
2-Fluorobiphenyl  
Concen: 0.16 ng  
RT: 12.937 min Scan# 1078  
Delta R.T. 0.000 min  
Lab File: BN016324.D  
Acq: 18 Sep 2021 08:32

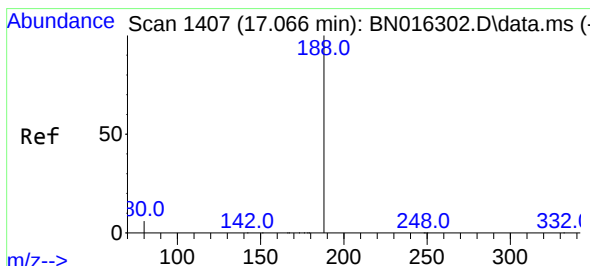
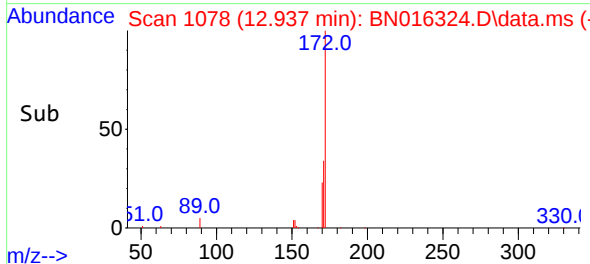
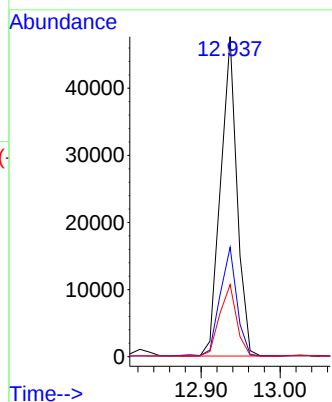
Instrument :  
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Tgt Ion:172 Resp: 68787  
Ion Ratio Lower Upper  
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171 34.2 27.8 41.6  
170 22.5 18.2 27.2

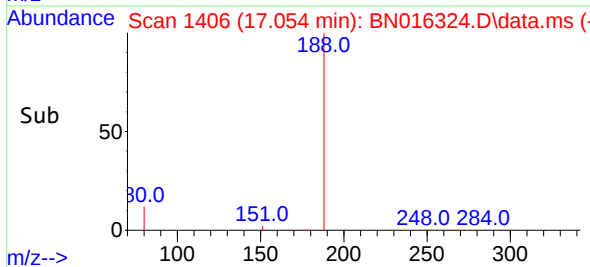
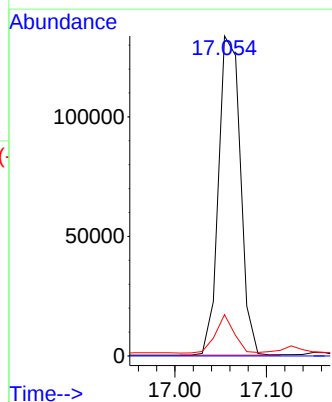
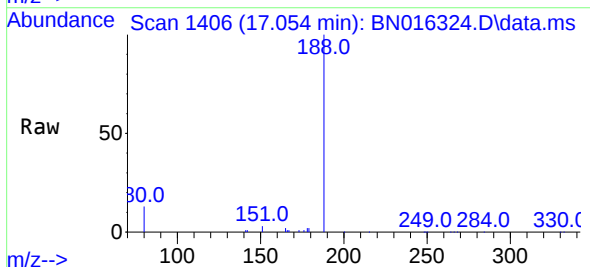
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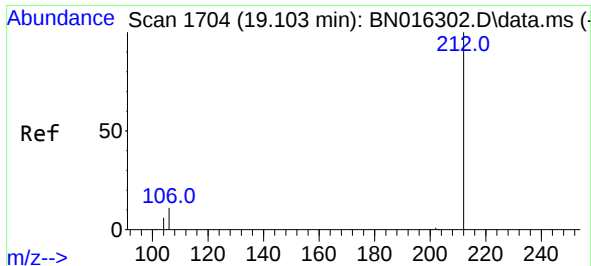
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#19  
Phenanthrene-d10  
Concen: 0.40 ng  
RT: 17.054 min Scan# 1406  
Delta R.T. -0.012 min  
Lab File: BN016324.D  
Acq: 18 Sep 2021 08:32

Tgt Ion:188 Resp: 221695  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 12.9 7.0 10.6#





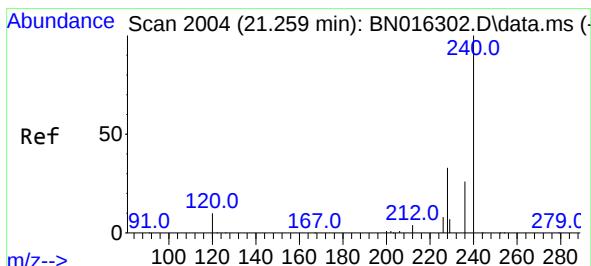
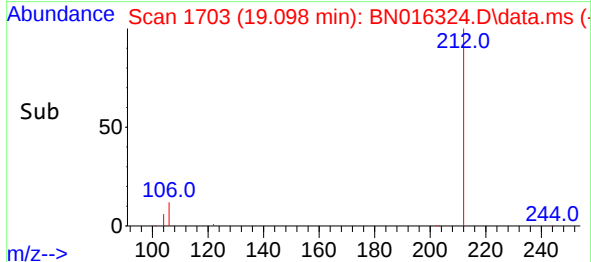
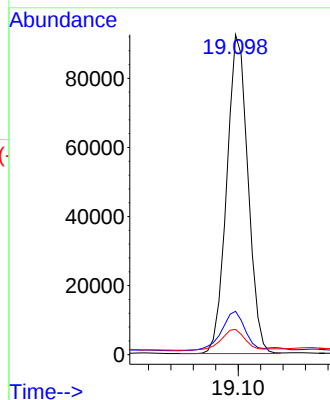
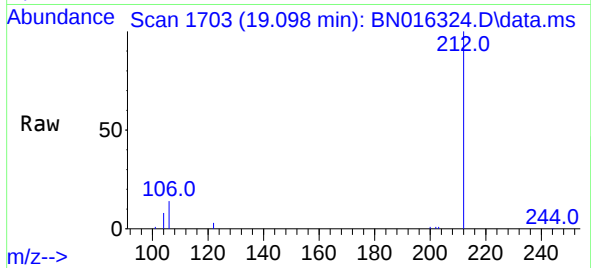
#27  
Fluoranthene-d10  
Concen: 0.19 ng  
RT: 19.098 min Scan# 1703  
Delta R.T. -0.005 min  
Lab File: BN016324.D  
Acq: 18 Sep 2021 08:32

Tgt Ion:212 Resp: 121179  
Ion Ratio Lower Upper  
212 100  
106 13.7 9.8 14.6  
104 7.4 5.4 8.2

Instrument :  
BNA\_N  
ClientSampleId :  
SW-RR-02-(1.0)

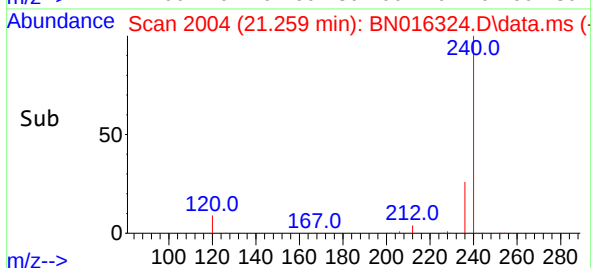
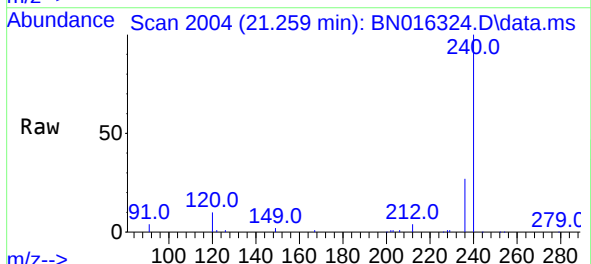
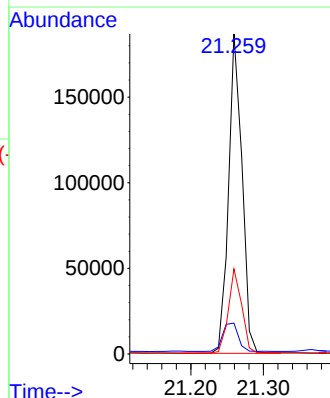
Manual Integrations  
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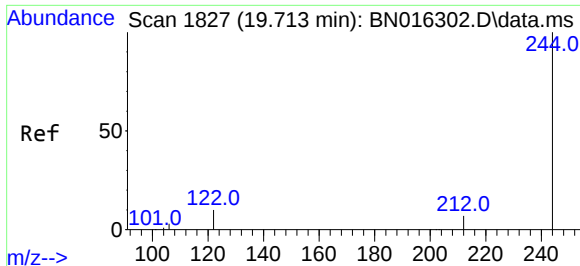
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#29  
Chrysene-d12  
Concen: 0.40 ng  
RT: 21.259 min Scan# 2004  
Delta R.T. 0.000 min  
Lab File: BN016324.D  
Acq: 18 Sep 2021 08:32

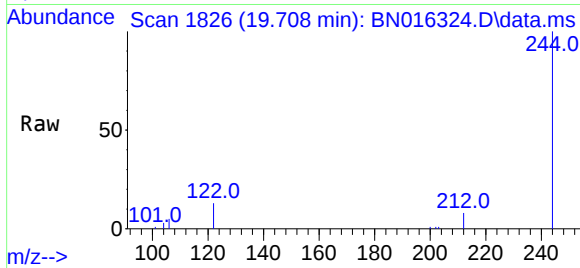
Tgt Ion:240 Resp: 239161  
Ion Ratio Lower Upper  
240 100  
120 9.7 5.3 7.9#  
236 26.6 19.8 29.8





#31  
Terphenyl-d14  
Concen: 0.19 ng  
RT: 19.708 min Scan# 1826  
Delta R.T. -0.005 min  
Lab File: BN016324.D  
Acq: 18 Sep 2021 08:32

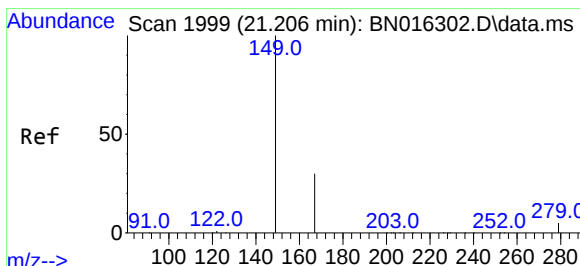
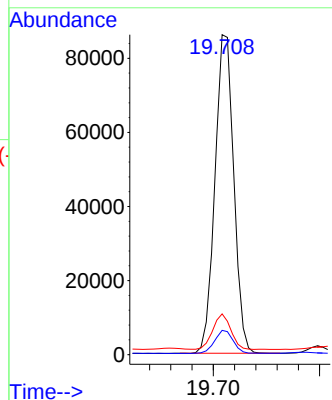
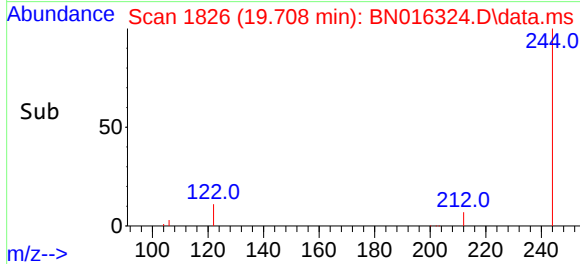
Instrument :  
BNA\_N  
ClientSampleId :  
SW-RR-02-(1.0)



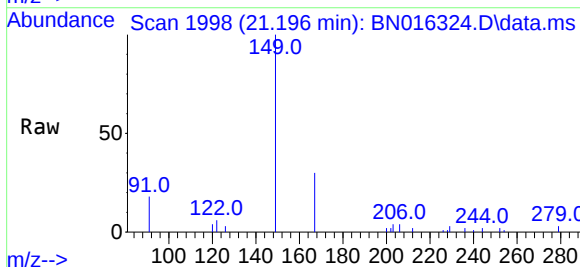
Tgt Ion:244 Resp: 105637  
Ion Ratio Lower Upper  
244 100  
212 7.6 5.5 8.3  
122 12.8 9.0 13.4

Manual Integrations  
APPROVED

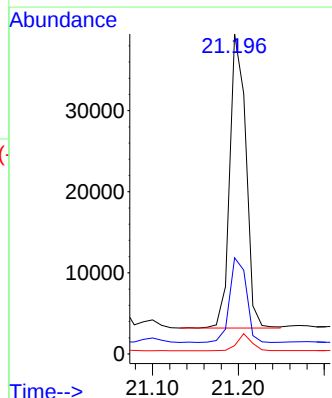
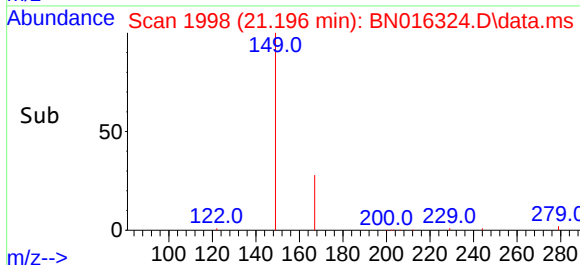
mohammad  
9/20/2021 4:22:30 PM

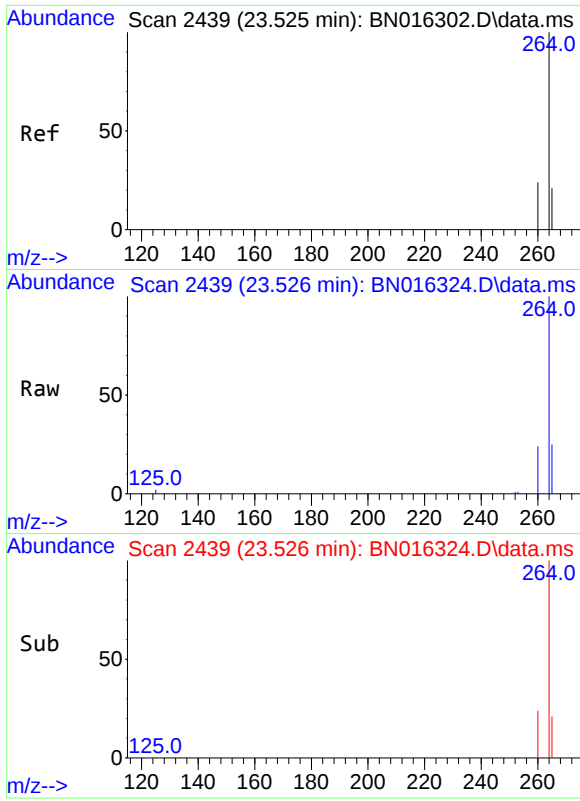


#34  
Bis(2-ethylhexyl)phthalate  
Concen: 0.11 ng  
RT: 21.196 min Scan# 1998  
Delta R.T. -0.011 min  
Lab File: BN016324.D  
Acq: 18 Sep 2021 08:32



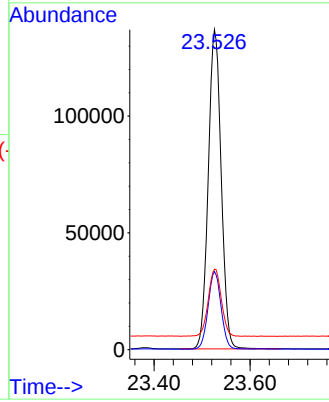
Tgt Ion:149 Resp: 47292  
Ion Ratio Lower Upper  
149 100  
167 29.9 23.4 35.0  
279 5.2 3.9 5.9





#35  
Perylene-d12  
Concen: 0.40 ng  
RT: 23.526 min Scan# 2439  
Delta R.T. 0.000 min  
Lab File: BN016324.D  
Acq: 18 Sep 2021 08:32

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 264   | Resp: | 255662 |
| Ion Ratio | Lower | Upper |        |
| 264       | 100   |       |        |
| 260       | 24.4  | 18.9  | 28.3   |
| 265       | 25.1  | 23.7  | 35.5   |



Instrument :  
BNA\_N  
ClientSampleId :  
SW-RR-02-(1.0)

Manual Integrations  
APPROVED

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