

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN110322\  
 Data File : BN022499.D  
 Acq On : 04 Nov 2022 05:46  
 Operator : CG/JU  
 Sample : N5420-04  
 Misc :  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 RW8-PT-IN02-11012022

Quant Time: Nov 04 06:39:26 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN110322.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Nov 04 03:28:17 2022  
 Response via : Initial Calibration

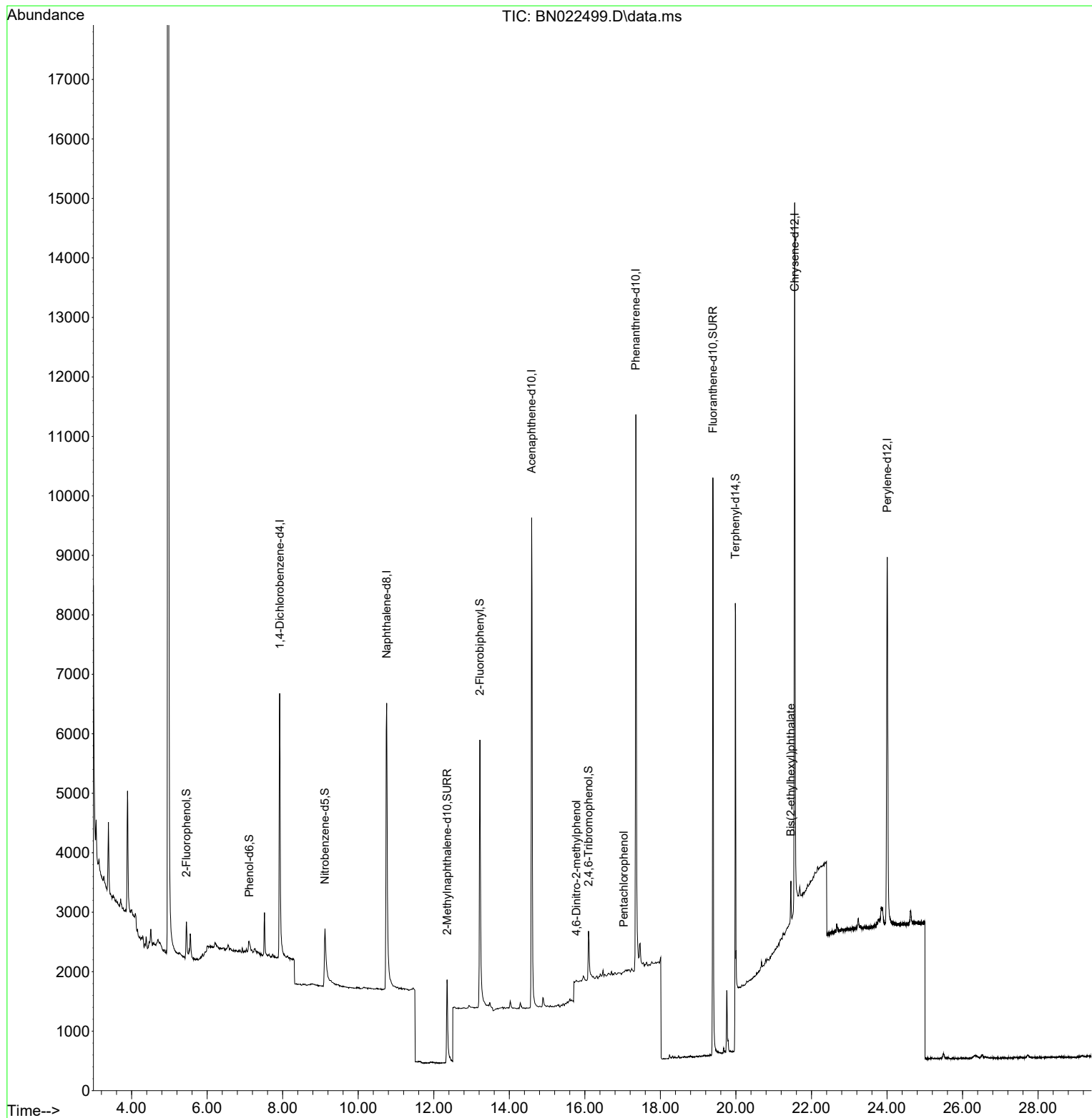
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.921  | 152  | 2817     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.752 | 136  | 9149     | 0.400 | ng    | 0.00     |
| 13) Acenaphthene-d10          | 14.589 | 164  | 5510     | 0.400 | ng    | -0.01    |
| 19) Phenanthrene-d10          | 17.350 | 188  | 13291    | 0.400 | ng    | # 0.00   |
| 29) Chrysene-d12              | 21.555 | 240  | 11172    | 0.400 | ng    | 0.00     |
| 35) Perylene-d12              | 24.005 | 264  | 9541     | 0.400 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.451  | 112  | 664      | 0.083 | ng    | 0.00     |
| 5) Phenol-d6                  | 7.112  | 99   | 502      | 0.050 | ng    | 0.02     |
| 8) Nitrobenzene-d5            | 9.119  | 82   | 1745     | 0.211 | ng    | 0.01     |
| 11) 2-Methylnaphthalene-d10   | 12.353 | 152  | 2787     | 0.181 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 16.096 | 330  | 617      | 0.213 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 13.221 | 172  | 5094     | 0.222 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.390 | 212  | 10969    | 0.302 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.985 | 244  | 11709    | 0.336 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
| 20) 4,6-Dinitro-2-methylph... | 15.774 | 198  | 1        | 0.231 | ng    | # 1      |
| 24) Pentachlorophenol         | 17.027 | 266  | 21       | 0.174 | ng    | # 64     |
| 34) Bis(2-ethylhexyl)phtha... | 21.457 | 149  | 860      | 0.023 | ng    | # 94     |
| -----                         |        |      |          |       |       |          |

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

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ALS Vial : 25 Sample Multiplier: 1

Instrument :  
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RW8-PT-IN02-11012022

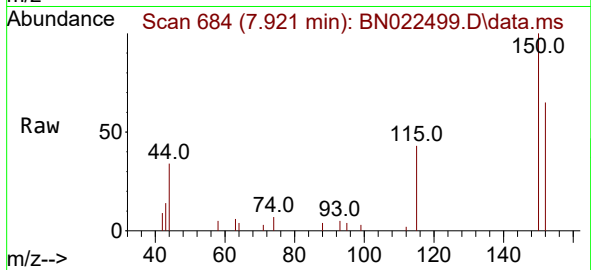
Quant Time: Nov 04 06:39:26 2022  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN110322.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Nov 04 03:28:17 2022  
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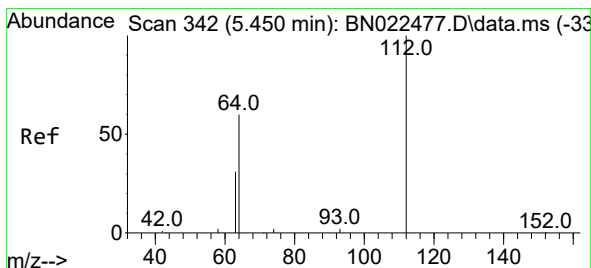
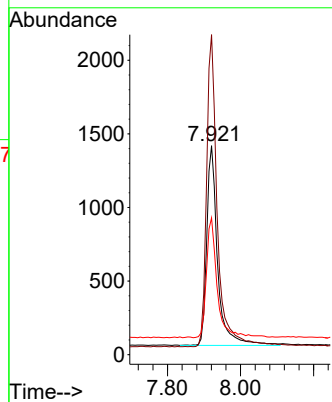
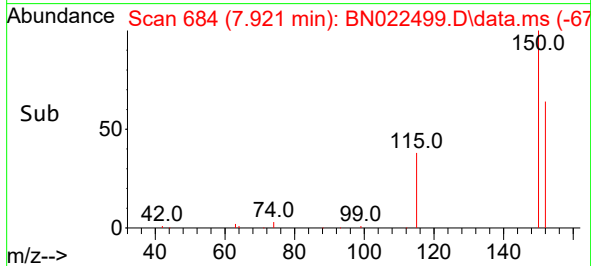


#1  
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.921 min Scan# 684  
Delta R.T. 0.001 min  
Lab File: BN022499.D  
Acq: 04 Nov 2022 05:46

Instrument :  
BNA\_N  
ClientSampleId :  
RW8-PT-IN02-11012022

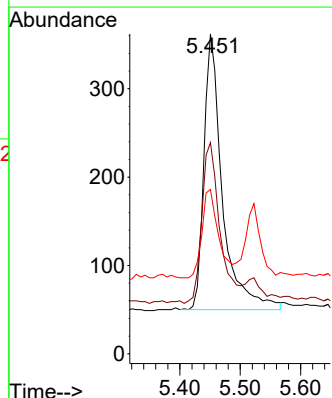
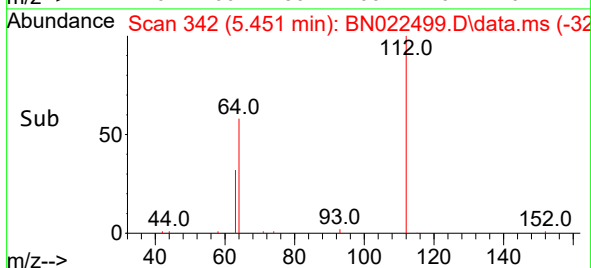
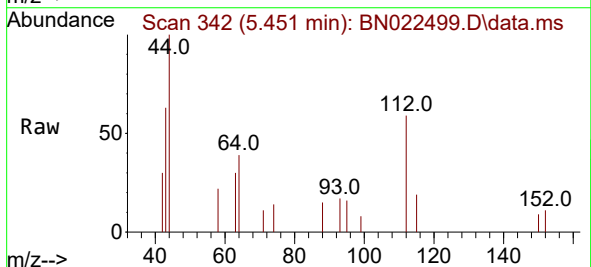


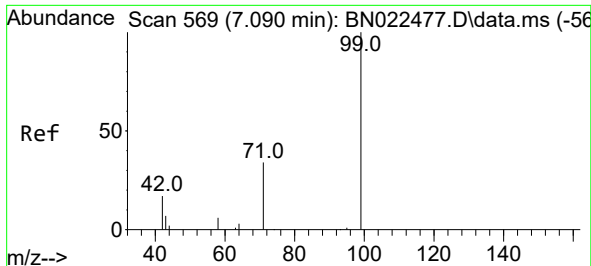
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Ion Ratio Lower Upper  
152 100  
150 153.1 123.4 185.2  
115 65.4 54.9 82.3



#4  
2-Fluorophenol  
Concen: 0.083 ng  
RT: 5.451 min Scan# 342  
Delta R.T. 0.000 min  
Lab File: BN022499.D  
Acq: 04 Nov 2022 05:46

Tgt Ion:112 Resp: 664  
Ion Ratio Lower Upper  
112 100  
64 57.4 47.1 70.7  
63 28.8 24.6 36.8

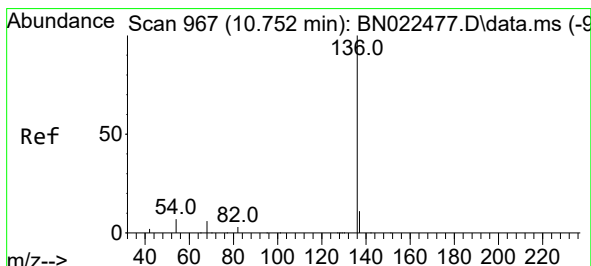
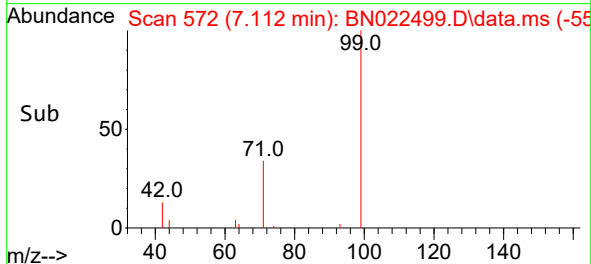
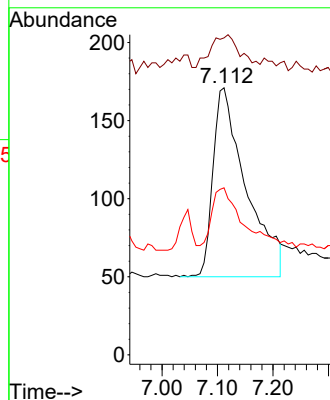
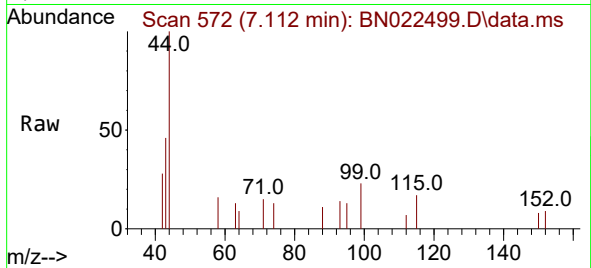




#5  
Phenol-d6  
Concen: 0.050 ng  
RT: 7.112 min Scan# 51  
Delta R.T. 0.022 min  
Lab File: BN022499.D  
Acq: 04 Nov 2022 05:46

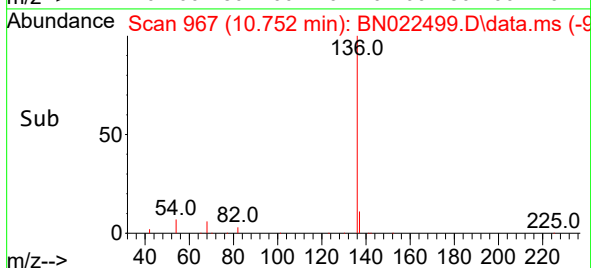
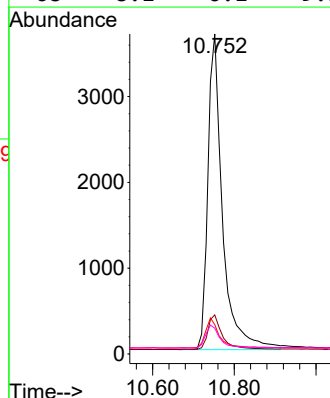
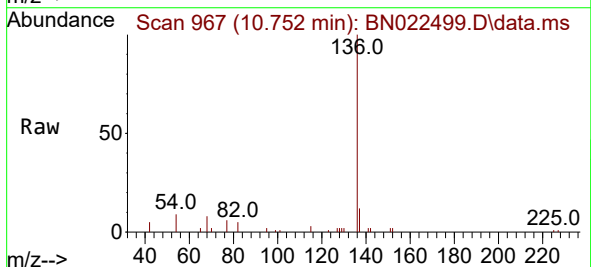
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BNA\_N  
ClientSampleId :  
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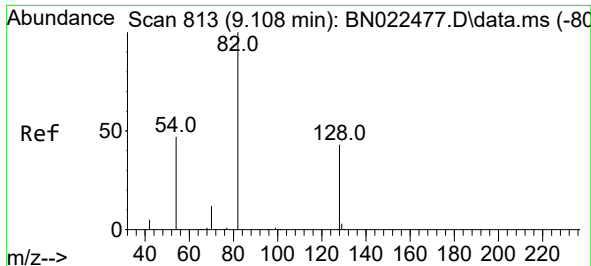
Tgt Ion: 99 Resp: 502  
Ion Ratio Lower Upper  
99 100  
42 14.9 14.7 22.1  
71 28.3 27.0 40.6



#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.752 min Scan# 967  
Delta R.T. 0.000 min  
Lab File: BN022499.D  
Acq: 04 Nov 2022 05:46

Tgt Ion: 136 Resp: 9149  
Ion Ratio Lower Upper  
136 100  
137 12.2 9.5 14.3  
54 9.2 7.1 10.7  
68 8.1 6.1 9.1

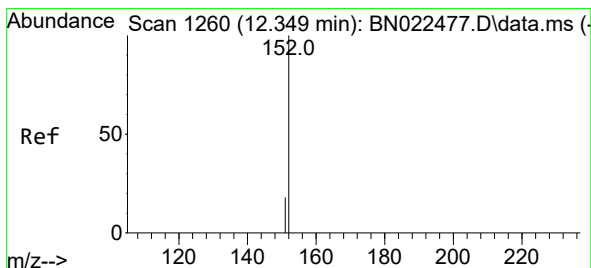
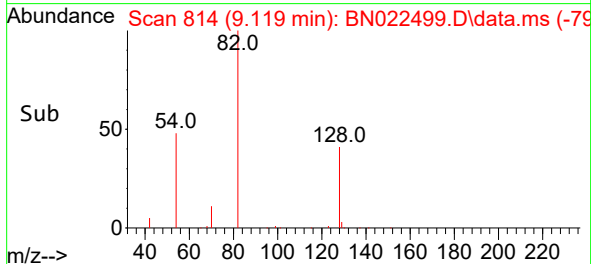
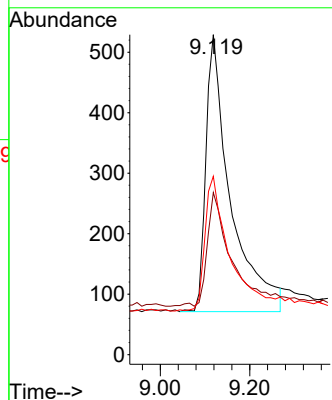
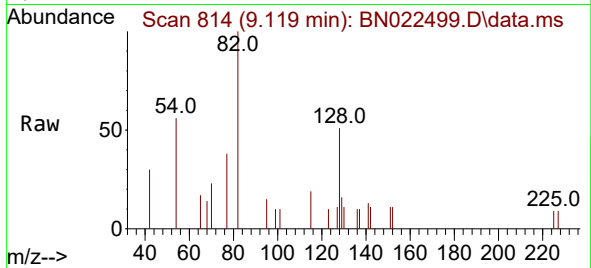




#8  
Nitrobenzene-d5  
Concen: 0.211 ng  
RT: 9.119 min Scan# 81  
Delta R.T. 0.011 min  
Lab File: BN022499.D  
Acq: 04 Nov 2022 05:46

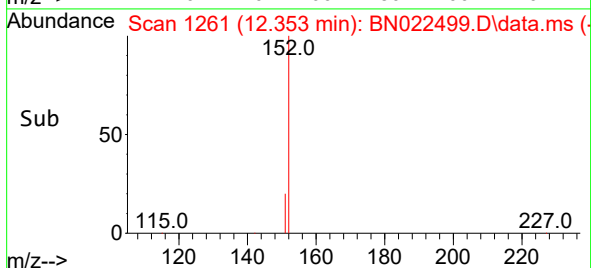
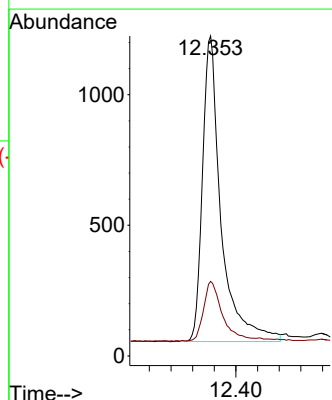
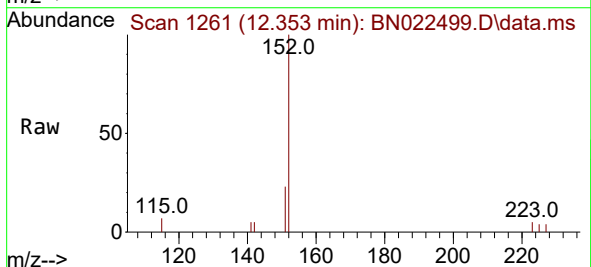
Instrument :  
BNA\_N  
ClientSampleId :  
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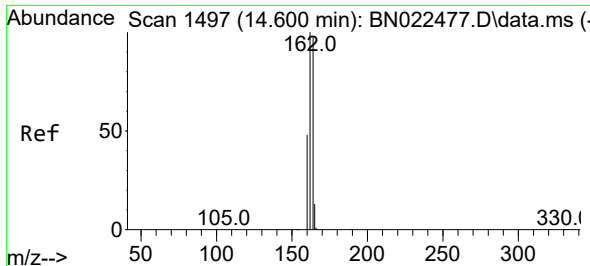
Tgt Ion: 82 Resp: 1745  
Ion Ratio Lower Upper  
82 100  
128 50.7 37.3 55.9  
54 55.8 40.0 60.0



#11  
2-Methylnaphthalene-d10  
Concen: 0.181 ng  
RT: 12.353 min Scan# 1261  
Delta R.T. 0.004 min  
Lab File: BN022499.D  
Acq: 04 Nov 2022 05:46

Tgt Ion: 152 Resp: 2787  
Ion Ratio Lower Upper  
152 100  
151 19.7 16.6 25.0

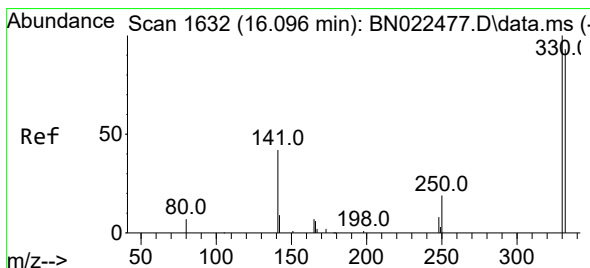
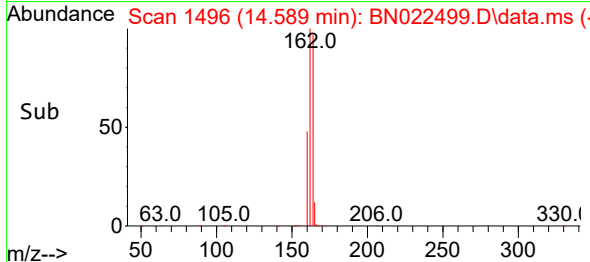
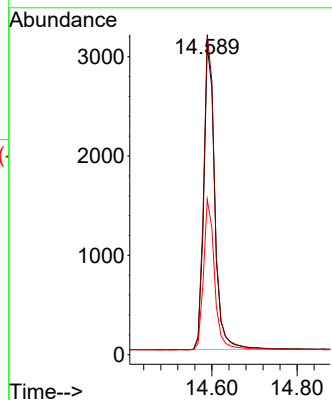
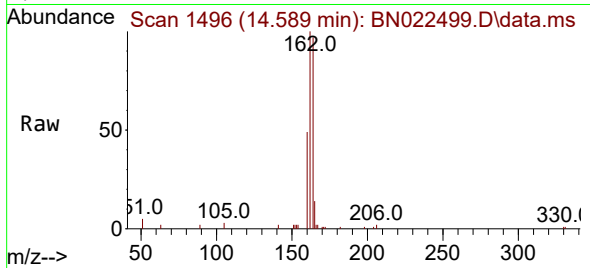




#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.589 min Scan# 1496  
Delta R.T. -0.011 min  
Lab File: BN022499.D  
Acq: 04 Nov 2022 05:46

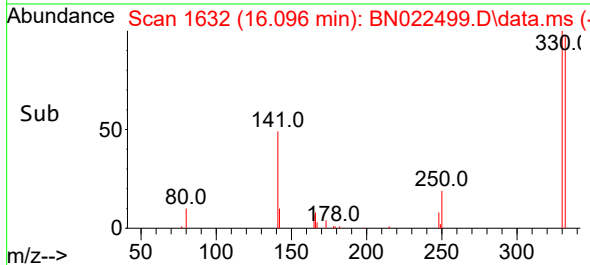
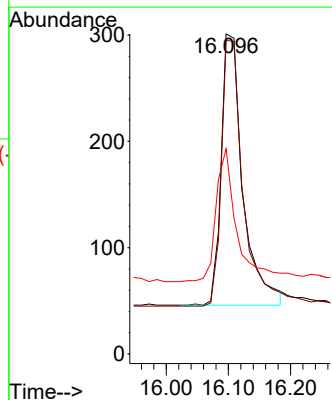
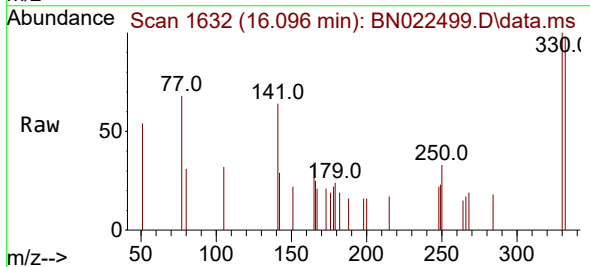
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ClientSampleId :  
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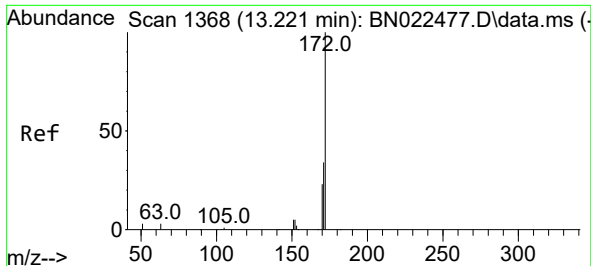
Tgt Ion:164 Resp: 5510  
Ion Ratio Lower Upper  
164 100  
162 103.5 82.0 123.0  
160 50.2 39.4 59.2



#14  
2,4,6-Tribromophenol  
Concen: 0.213 ng  
RT: 16.096 min Scan# 1632  
Delta R.T. 0.000 min  
Lab File: BN022499.D  
Acq: 04 Nov 2022 05:46

Tgt Ion:330 Resp: 617  
Ion Ratio Lower Upper  
330 100  
332 98.4 77.8 116.8  
141 47.0 35.0 52.6

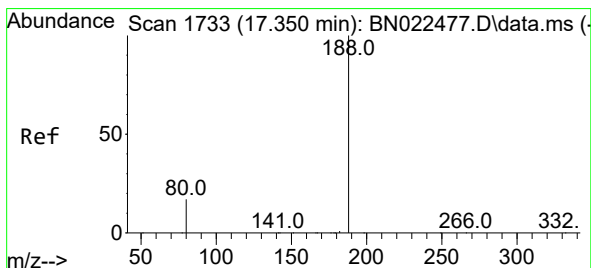
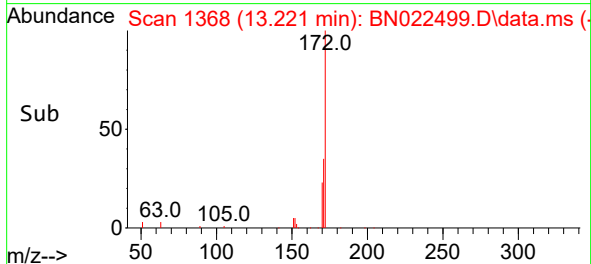
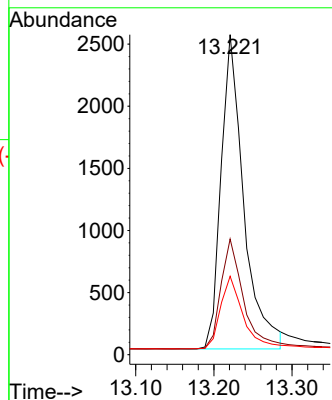
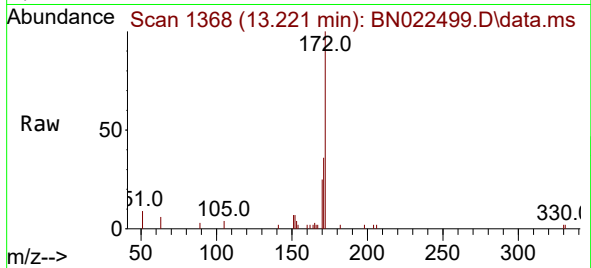




#15  
2-Fluorobiphenyl  
Concen: 0.222 ng  
RT: 13.221 min Scan# 1368  
Delta R.T. 0.000 min  
Lab File: BN022499.D  
Acq: 04 Nov 2022 05:46

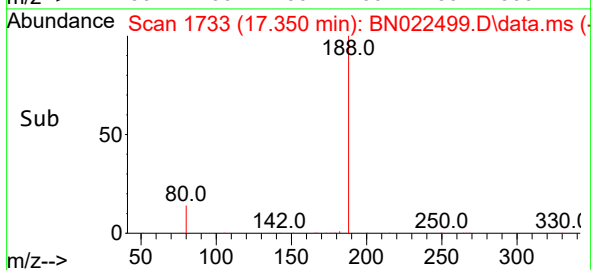
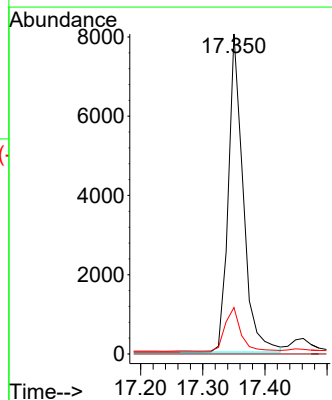
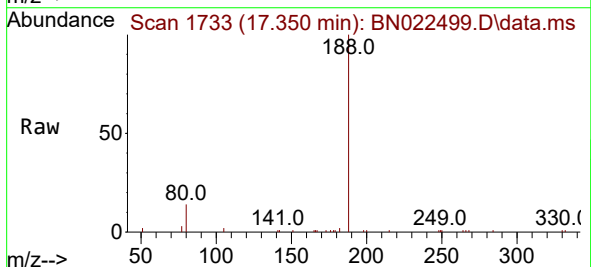
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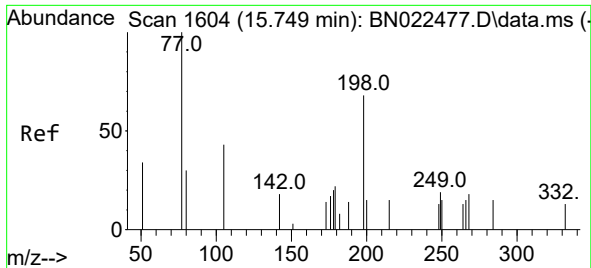
Tgt Ion:172 Resp: 5094  
Ion Ratio Lower Upper  
172 100  
171 36.1 27.9 41.9  
170 24.5 19.2 28.8



#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.350 min Scan# 1733  
Delta R.T. 0.000 min  
Lab File: BN022499.D  
Acq: 04 Nov 2022 05:46

Tgt Ion:188 Resp: 13291  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 14.5 14.6 21.8#

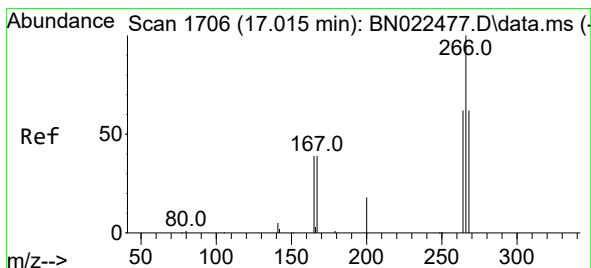
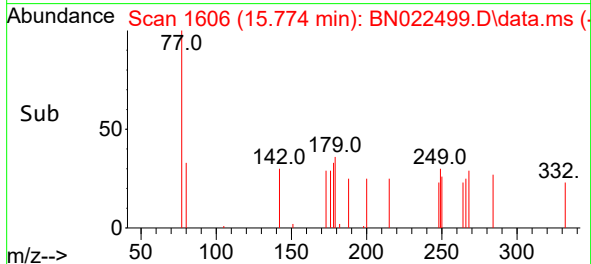
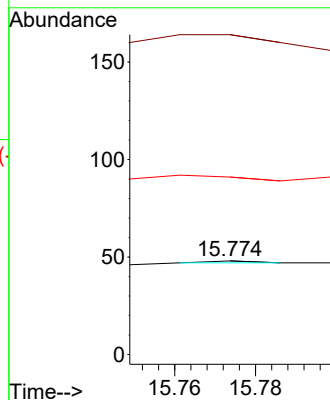
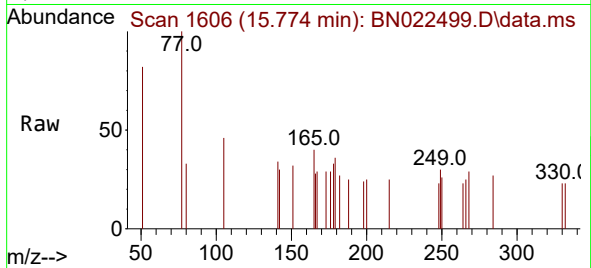




#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.231 ng  
RT: 15.774 min Scan# 1  
Delta R.T. 0.025 min  
Lab File: BN022499.D  
Acq: 04 Nov 2022 05:46

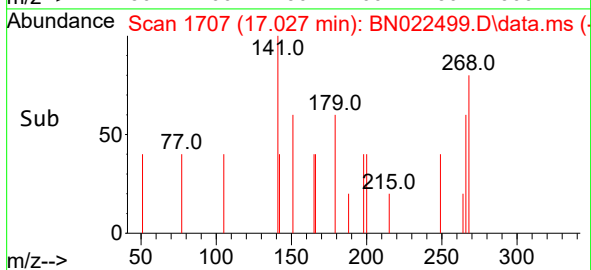
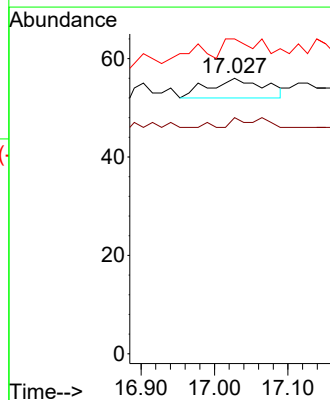
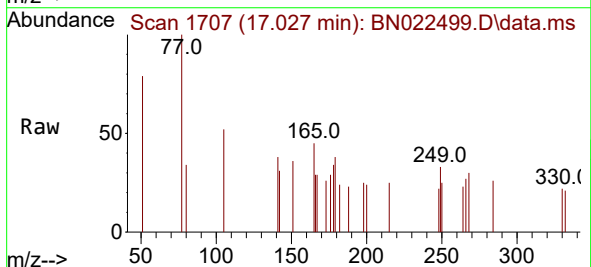
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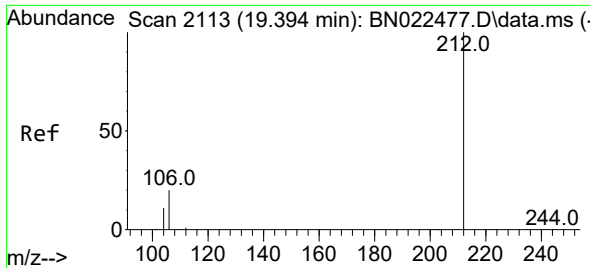
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Ion Ratio Lower Upper  
198 100  
51 341.7 83.8 125.8#  
105 189.6 71.4 107.2#



#24  
Pentachlorophenol  
Concen: 0.174 ng  
RT: 17.027 min Scan# 1707  
Delta R.T. 0.012 min  
Lab File: BN022499.D  
Acq: 04 Nov 2022 05:46

Tgt Ion:266 Resp: 21  
Ion Ratio Lower Upper  
266 100  
264 14.3 50.6 75.8#  
268 76.2 54.1 81.1

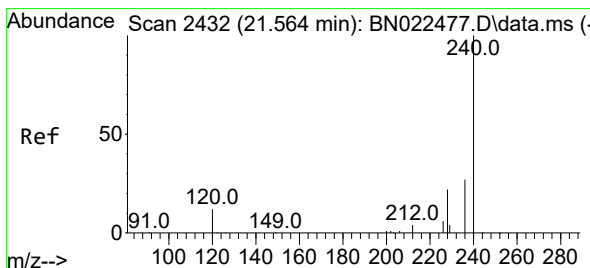
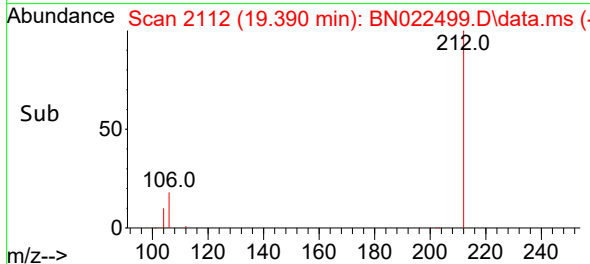
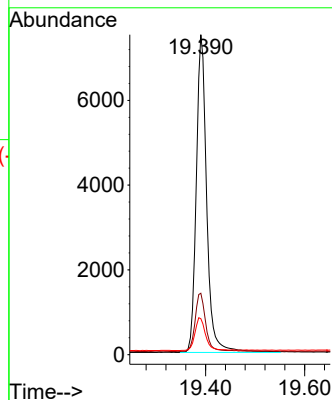
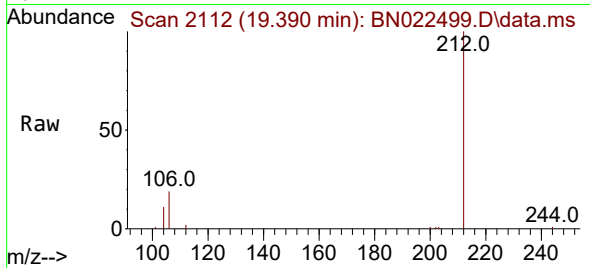




#27  
Fluoranthene-d10  
Concen: 0.302 ng  
RT: 19.390 min Scan# 2112  
Delta R.T. -0.004 min  
Lab File: BN022499.D  
Acq: 04 Nov 2022 05:46

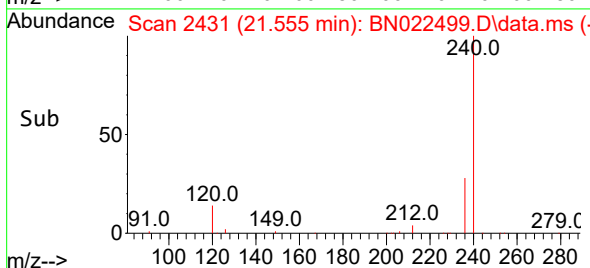
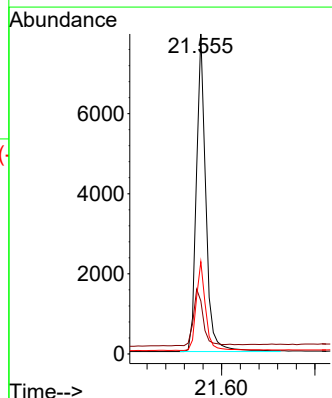
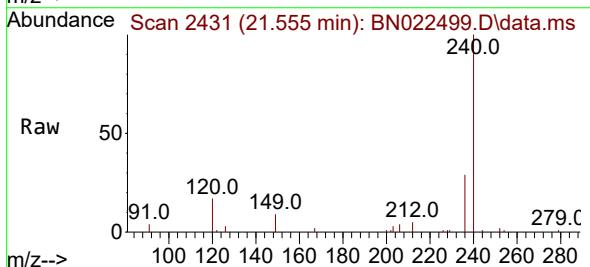
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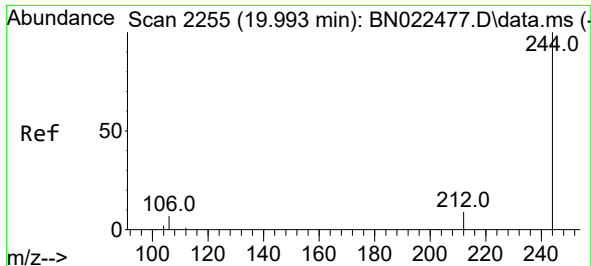
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Ion Ratio Lower Upper  
212 100  
106 18.8 15.2 22.8  
104 10.5 8.6 12.8



#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.555 min Scan# 2431  
Delta R.T. -0.009 min  
Lab File: BN022499.D  
Acq: 04 Nov 2022 05:46

Tgt Ion:240 Resp: 11172  
Ion Ratio Lower Upper  
240 100  
120 16.5 12.4 18.6  
236 28.8 22.7 34.1

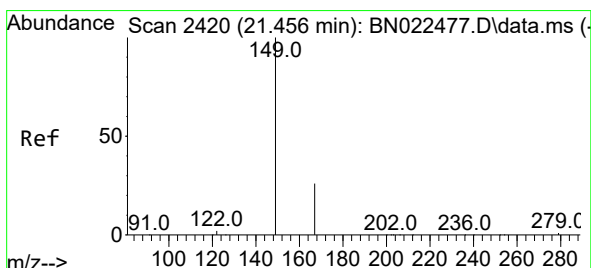
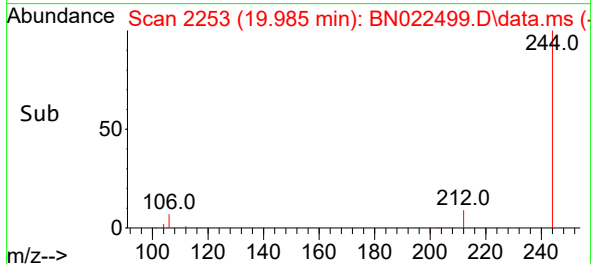
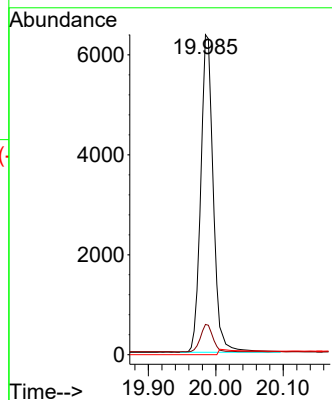
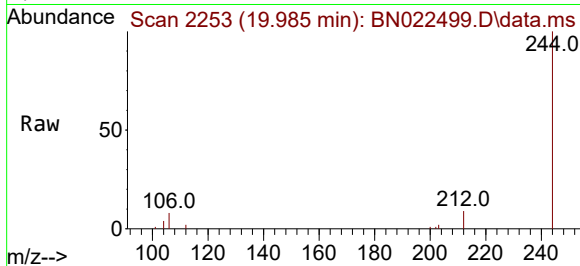




#31  
Terphenyl-d14  
Concen: 0.336 ng  
RT: 19.985 min Scan# 211  
Delta R.T. -0.008 min  
Lab File: BN022499.D  
Acq: 04 Nov 2022 05:46

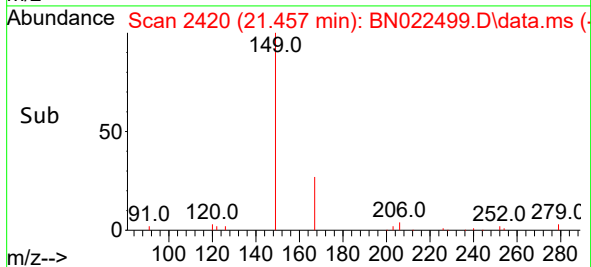
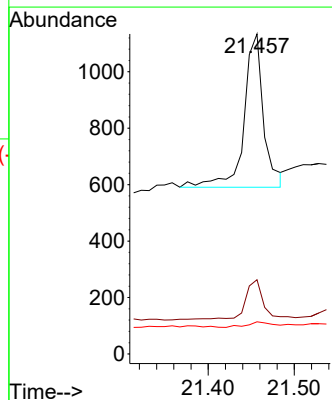
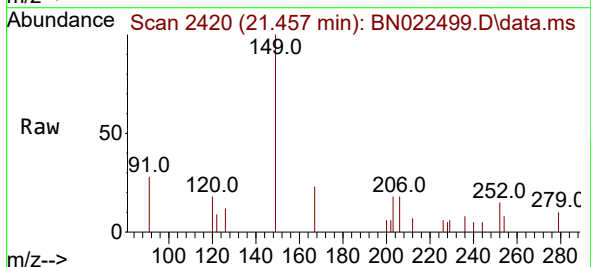
Instrument :  
BNA\_N  
ClientSampleId :  
RW8-PT-IN02-11012022

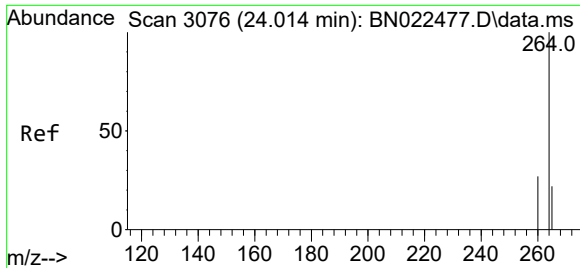
Tgt Ion:244 Resp: 11709  
Ion Ratio Lower Upper  
244 100  
212 9.4 7.8 11.8  
122 0.0 0.0 0.0



#34  
Bis(2-ethylhexyl)phthalate  
Concen: 0.023 ng  
RT: 21.457 min Scan# 2420  
Delta R.T. 0.000 min  
Lab File: BN022499.D  
Acq: 04 Nov 2022 05:46

Tgt Ion:149 Resp: 860  
Ion Ratio Lower Upper  
149 100  
167 23.4 21.3 31.9  
279 4.7 2.7 4.1#





#35

Perylene-d12

Concen: 0.400 ng

RT: 24.005 min Scan# 30

Delta R.T. -0.009 min

Lab File: BN022499.D

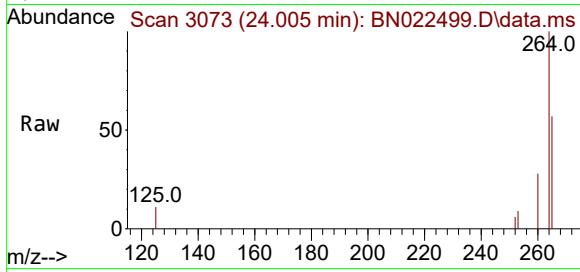
Acq: 04 Nov 2022 05:46

Instrument :

BNA\_N

ClientSampleId :

RW8-PT-IN02-11012022



Tgt Ion:264 Resp: 9541

Ion Ratio Lower Upper

264 100

260 27.6 22.4 33.6

265 57.3 44.4 66.6

