

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN110121\  
 Data File : BN017222.D  
 Acq On : 01 Nov 2021 21:03  
 Operator : CG/JU  
 Sample : M4360-07  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 BP-VPB-RW9-GW-238-240

Quant Time: Nov 02 03:56:39 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN110121.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Nov 01 17:00:24 2021  
 Response via : Initial Calibration

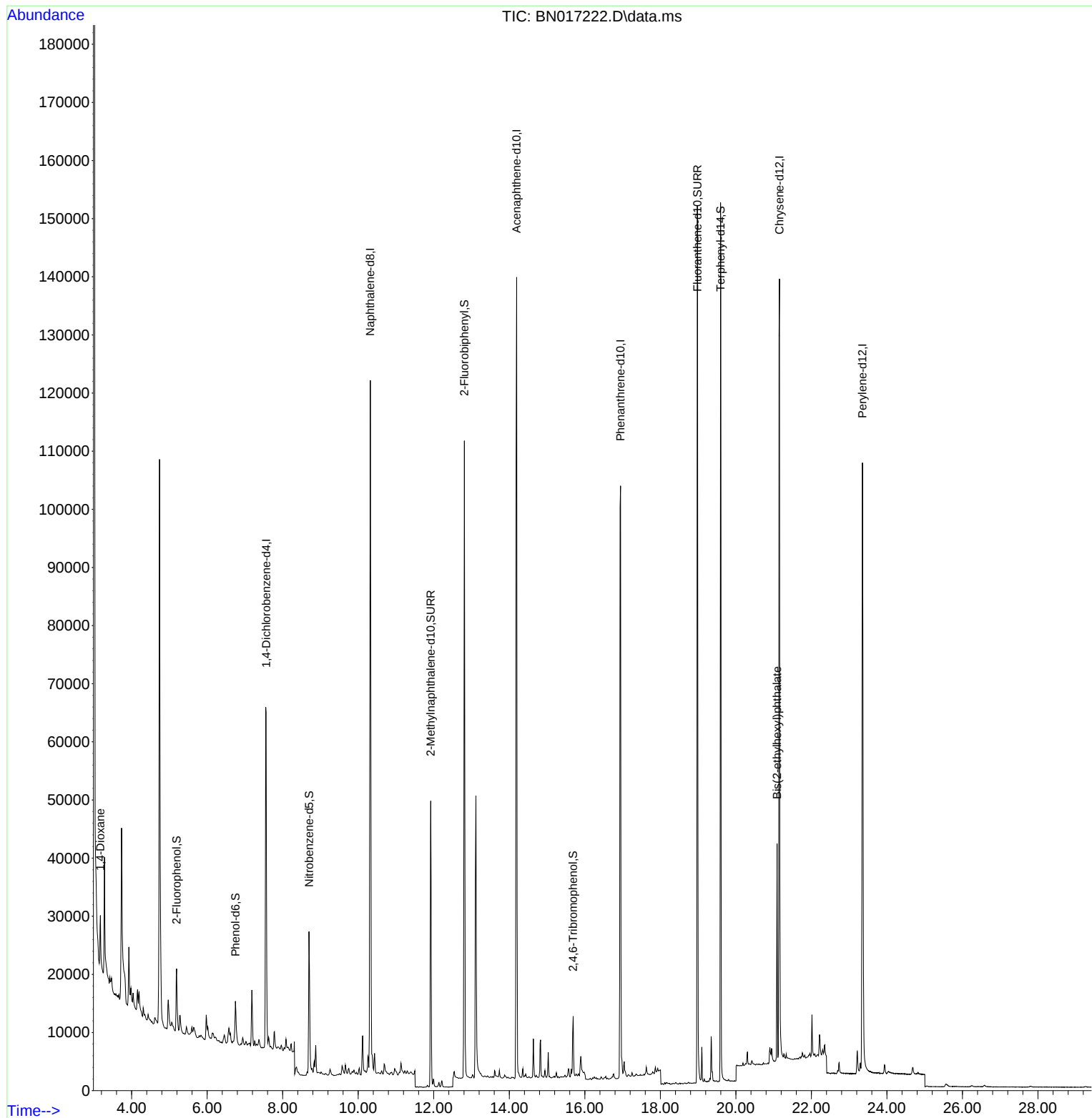
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min)    |
|-------------------------------|--------|------|----------|-------|-------|-------------|
| -----                         |        |      |          |       |       |             |
| Internal Standards            |        |      |          |       |       |             |
| 1) 1,4-Dichlorobenzene-d4     | 7.561  | 152  | 34549    | 0.400 | ng    | 0.00        |
| 7) Naphthalene-d8             | 10.319 | 136  | 160355   | 0.400 | ng    | 0.00        |
| 13) Acenaphthene-d10          | 14.194 | 164  | 84075    | 0.400 | ng    | 0.00        |
| 19) Phenanthrene-d10          | 16.946 | 188  | 159794   | 0.400 | ng    | 0.00        |
| 29) Chrysene-d12              | 21.154 | 240  | 149073   | 0.400 | ng    | 0.00        |
| 35) Perylene-d12              | 23.352 | 264  | 144356   | 0.400 | ng    | 0.00        |
| System Monitoring Compounds   |        |      |          |       |       |             |
| 4) 2-Fluorophenol             | 5.191  | 112  | 11355    | 0.136 | ng    | 0.02        |
| 5) Phenol-d6                  | 6.749  | 99   | 7155     | 0.078 | ng    | 0.00        |
| 8) Nitrobenzene-d5            | 8.697  | 82   | 22495    | 0.228 | ng    | 0.00        |
| 11) 2-Methylnaphthalene-d10   | 11.919 | 152  | 67067    | 0.296 | ng    | 0.00        |
| 14) 2,4,6-Tribromophenol      | 15.691 | 330  | 8208     | 0.281 | ng    | 0.00        |
| 15) 2-Fluorobiphenyl          | 12.811 | 172  | 90120    | 0.285 | ng    | 0.00        |
| 27) Fluoranthene-d10          | 18.980 | 212  | 171202   | 0.421 | ng    | 0.00        |
| 31) Terphenyl-d14             | 19.595 | 244  | 152841   | 0.469 | ng    | 0.00        |
| Target Compounds              |        |      |          |       |       |             |
| 2) 1,4-Dioxane                | 3.171  | 88   | 4429     | 0.180 | ng    | Qvalue # 73 |
| 34) Bis(2-ethylhexyl)phtha... | 21.090 | 149  | 29405    | 0.268 | ng    | 100         |
| -----                         |        |      |          |       |       |             |

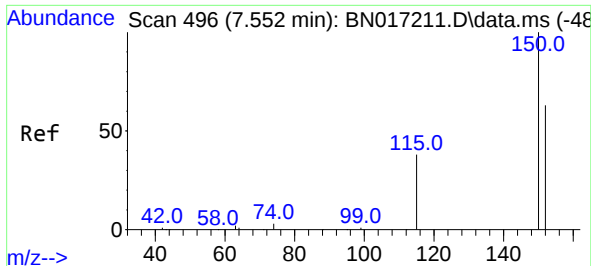
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN110121\  
Data File : BN017222.D  
Acq On : 01 Nov 2021 21:03  
Operator : CG/JU  
Sample : M4360-07  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
BP-VPB-RW9-GW-238-240

Quant Time: Nov 02 03:56:39 2021  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN110121.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Nov 01 17:00:24 2021  
Response via : Initial Calibration

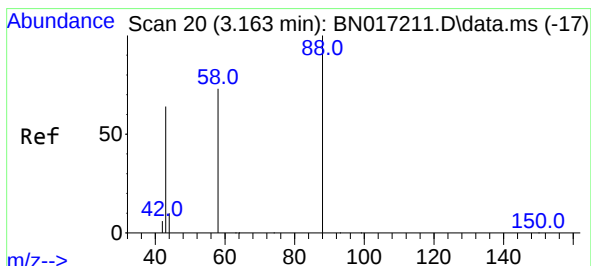
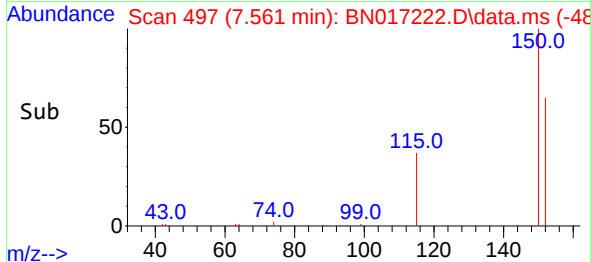
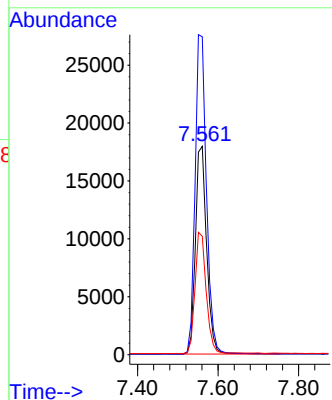
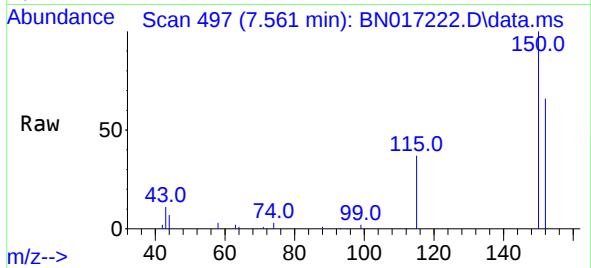




#1  
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.561 min Scan# 49  
Delta R.T. 0.009 min  
Lab File: BN017222.D  
Acq: 01 Nov 2021 21:03

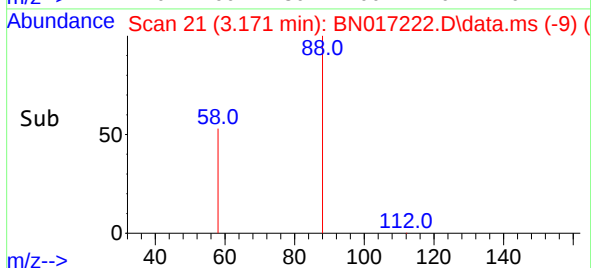
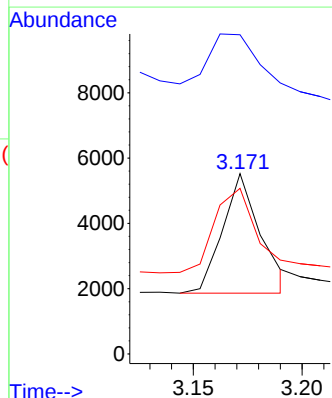
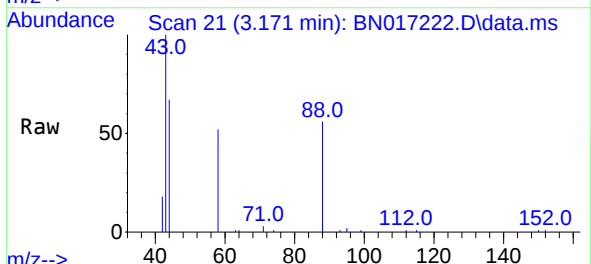
Instrument :  
BNA\_N  
ClientSampleId :  
BP-VPB-RW9-GW-238-240

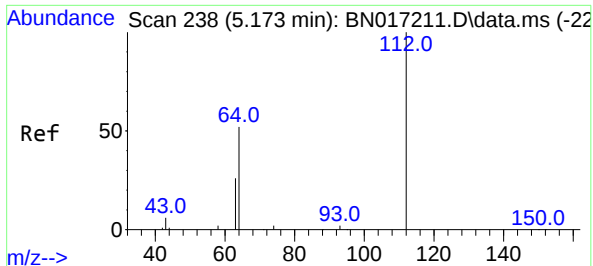
Tgt Ion:152 Resp: 34549  
Ion Ratio Lower Upper  
152 100  
150 152.6 127.4 191.0  
115 56.9 48.5 72.7



#2  
1,4-Dioxane  
Concen: 0.180 ng  
RT: 3.171 min Scan# 21  
Delta R.T. 0.009 min  
Lab File: BN017222.D  
Acq: 01 Nov 2021 21:03

Tgt Ion: 88 Resp: 4429  
Ion Ratio Lower Upper  
88 100  
43 49.2 72.9 109.3#  
58 78.0 68.6 103.0

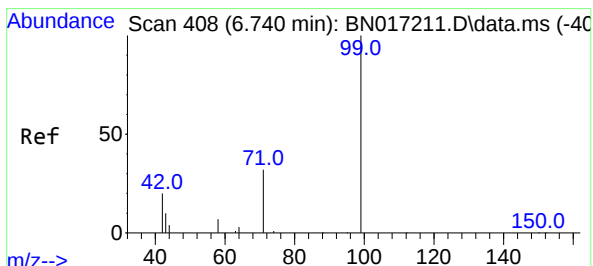
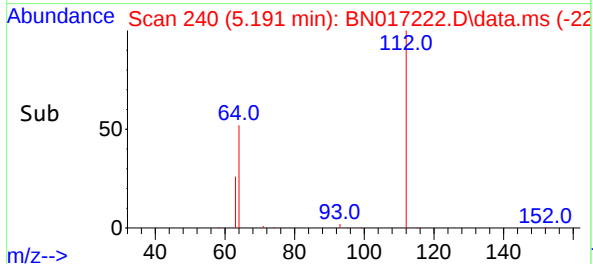
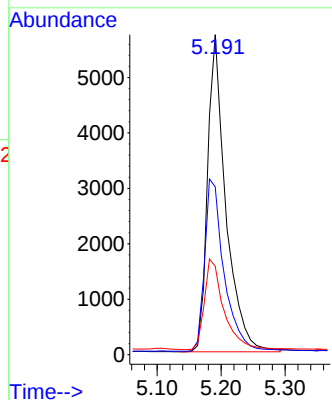
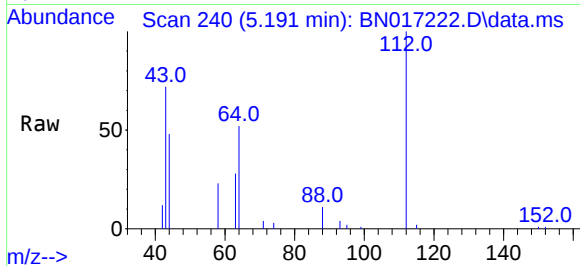




#4  
2-Fluorophenol  
Concen: 0.136 ng  
RT: 5.191 min Scan# 24  
Delta R.T. 0.018 min  
Lab File: BN017222.D  
Acq: 01 Nov 2021 21:03

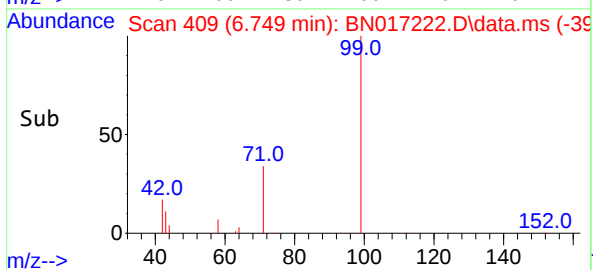
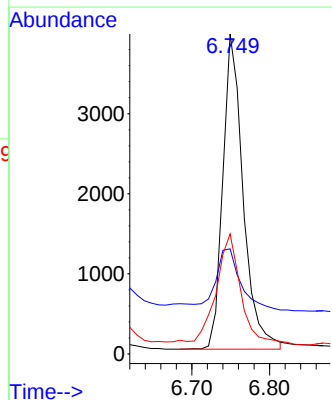
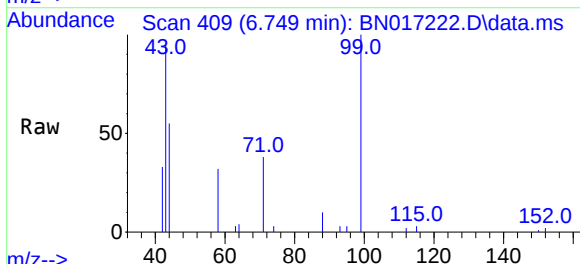
Instrument :  
BNA\_N  
ClientSampleId :  
BP-VPB-RW9-GW-238-240

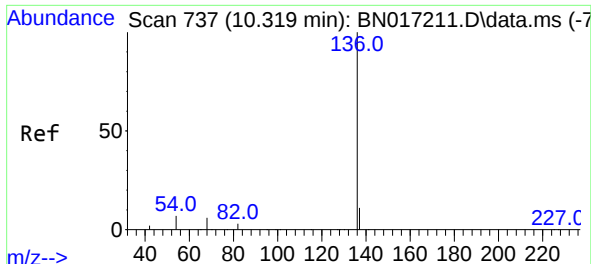
Tgt Ion:112 Resp: 11355  
Ion Ratio Lower Upper  
112 100  
64 57.8 47.1 70.7  
63 30.4 23.9 35.9



#5  
Phenol-d6  
Concen: 0.078 ng  
RT: 6.749 min Scan# 409  
Delta R.T. 0.009 min  
Lab File: BN017222.D  
Acq: 01 Nov 2021 21:03

Tgt Ion: 99 Resp: 7155  
Ion Ratio Lower Upper  
99 100  
42 23.6 16.5 24.7  
71 39.5 24.7 37.1#

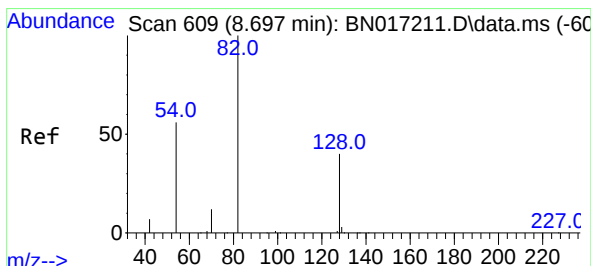
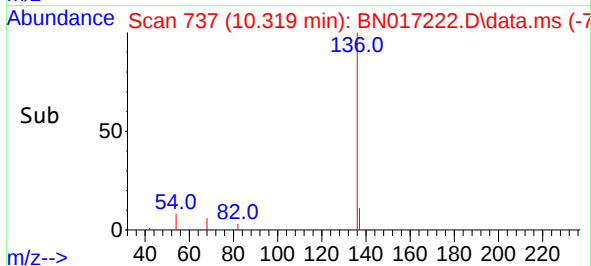
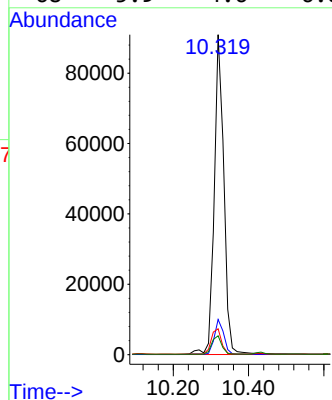
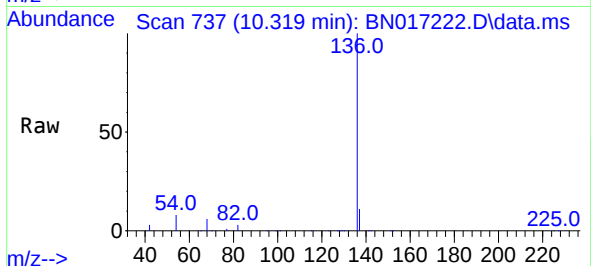




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.319 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: BN017222.D  
Acq: 01 Nov 2021 21:03

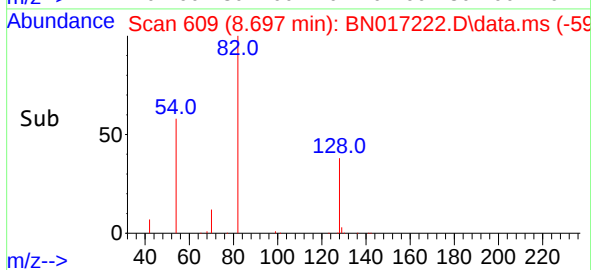
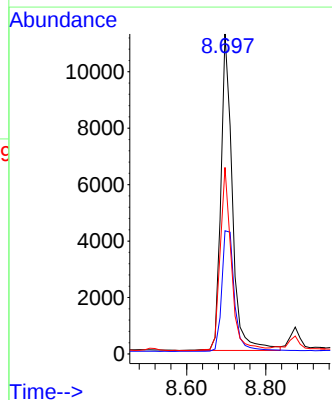
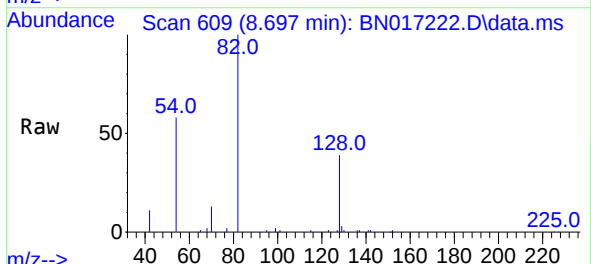
Instrument :  
BNA\_N  
ClientSampleId :  
BP-VPB-RW9-GW-238-240

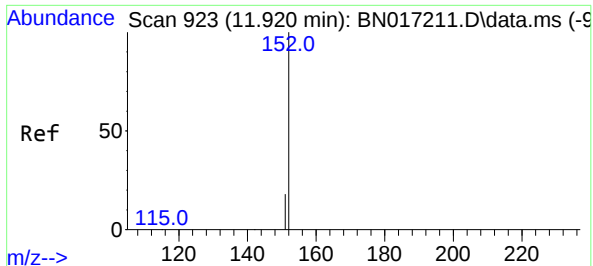
Tgt Ion:136 Resp: 160355  
Ion Ratio Lower Upper  
136 100  
137 11.0 8.7 13.1  
54 8.1 6.1 9.1  
68 5.9 4.6 6.8



#8  
Nitrobenzene-d5  
Concen: 0.228 ng  
RT: 8.697 min Scan# 609  
Delta R.T. -0.000 min  
Lab File: BN017222.D  
Acq: 01 Nov 2021 21:03

Tgt Ion: 82 Resp: 22495  
Ion Ratio Lower Upper  
82 100  
128 38.5 32.0 48.0  
54 58.3 45.0 67.4

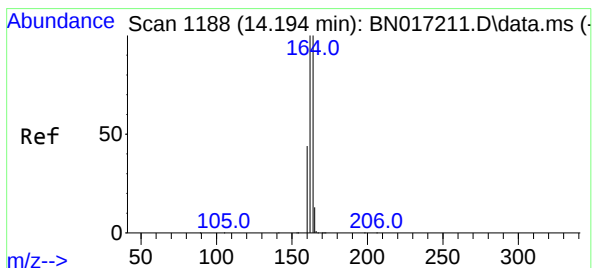
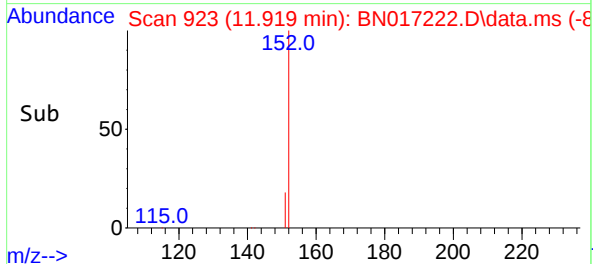
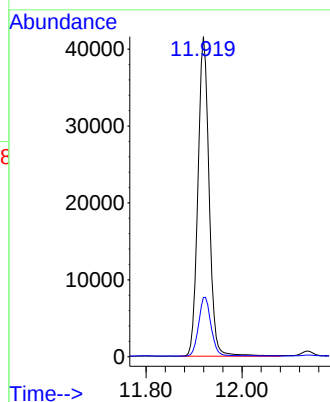
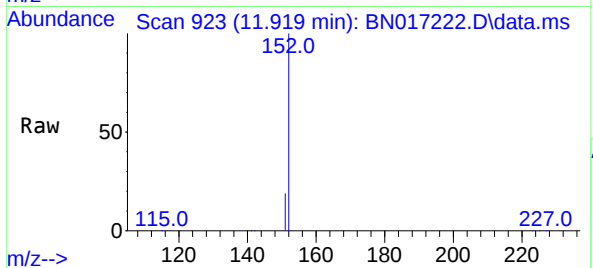




#11  
2-Methylnaphthalene-d10  
Concen: 0.296 ng  
RT: 11.919 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: BN017222.D  
Acq: 01 Nov 2021 21:03

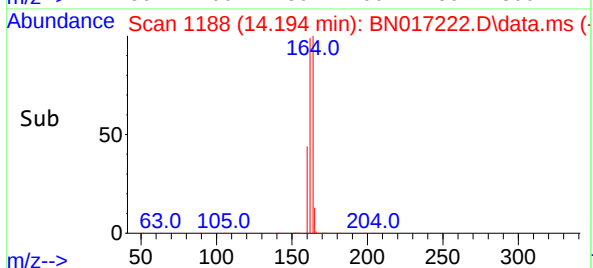
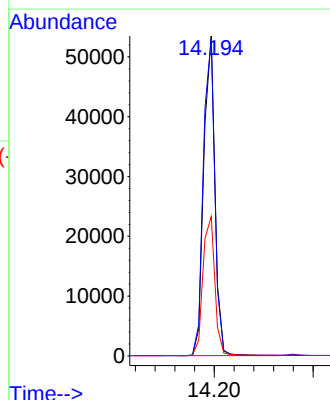
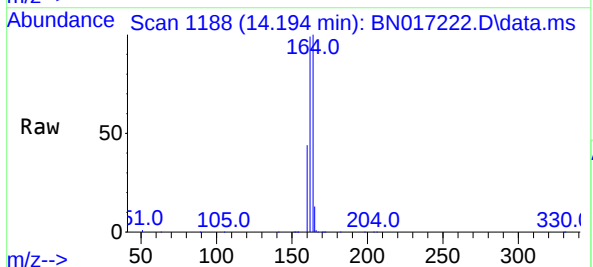
Instrument :  
BNA\_N  
ClientSampleId :  
BP-VPB-RW9-GW-238-240

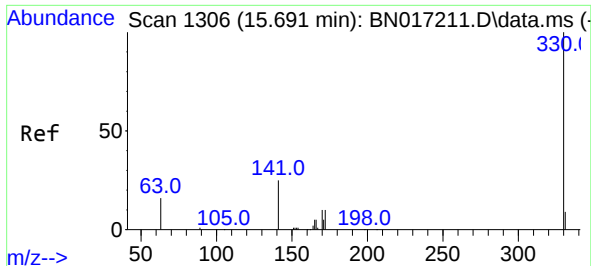
Tgt Ion:152 Resp: 67067  
Ion Ratio Lower Upper  
152 100  
151 20.6 16.2 24.4



#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.194 min Scan# 1188  
Delta R.T. -0.000 min  
Lab File: BN017222.D  
Acq: 01 Nov 2021 21:03

Tgt Ion:164 Resp: 84075  
Ion Ratio Lower Upper  
164 100  
162 99.3 79.8 119.8  
160 43.6 35.4 53.2

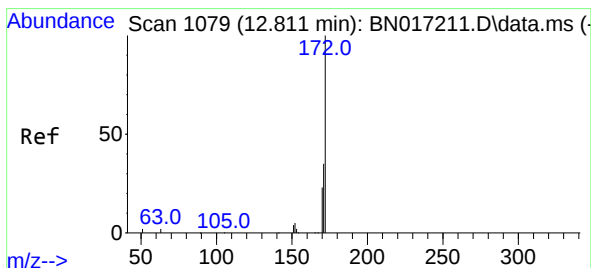
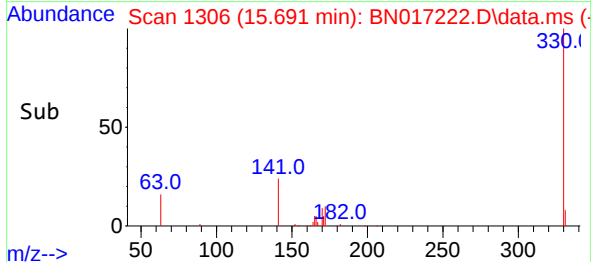
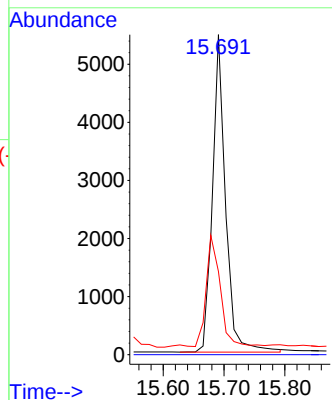
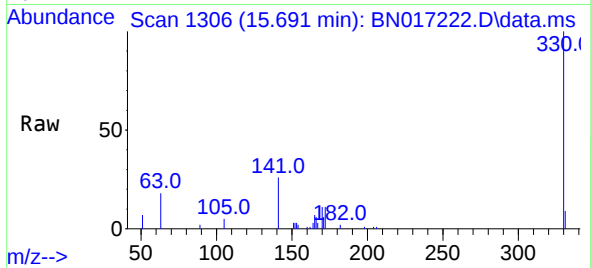




#14  
2,4,6-Tribromophenol  
Concen: 0.281 ng  
RT: 15.691 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BN017222.D  
Acq: 01 Nov 2021 21:03

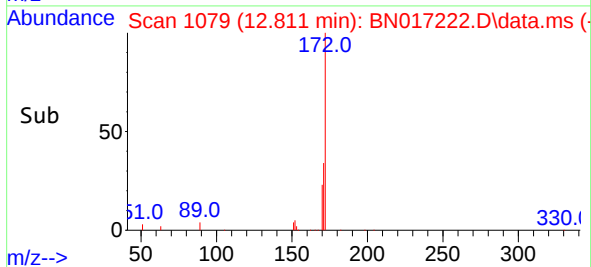
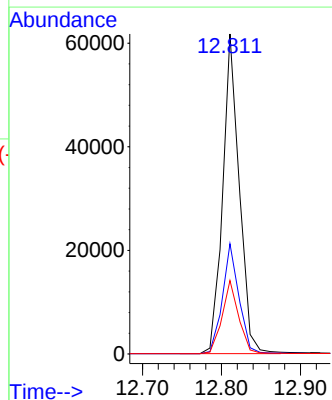
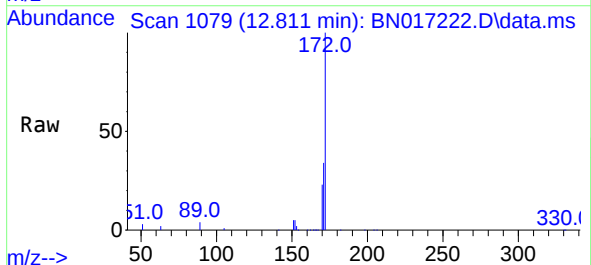
Instrument :  
BNA\_N  
ClientSampleId :  
BP-VPB-RW9-GW-238-240

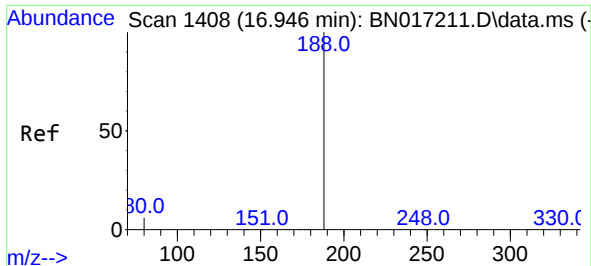
Tgt Ion:330 Resp: 8208  
Ion Ratio Lower Upper  
330 100  
332 0.0 0.0 0.0  
141 36.8 31.4 47.2



#15  
2-Fluorobiphenyl  
Concen: 0.285 ng  
RT: 12.811 min Scan# 1079  
Delta R.T. -0.000 min  
Lab File: BN017222.D  
Acq: 01 Nov 2021 21:03

Tgt Ion:172 Resp: 90120  
Ion Ratio Lower Upper  
172 100  
171 34.4 27.9 41.9  
170 22.9 18.4 27.6

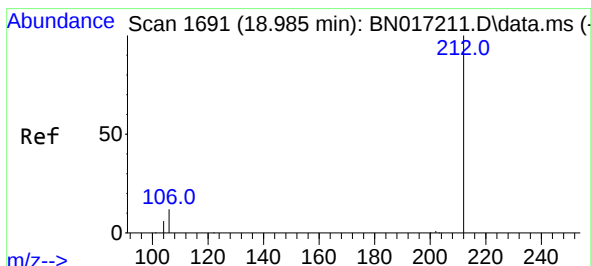
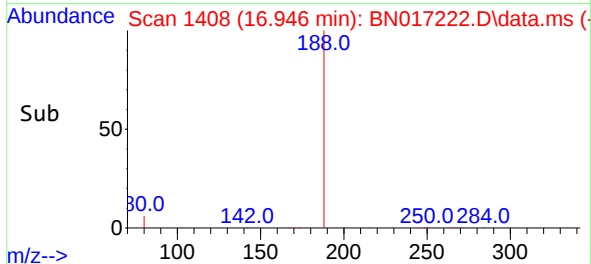
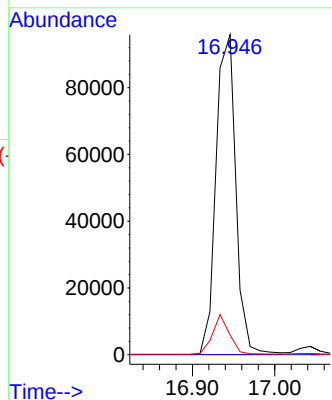
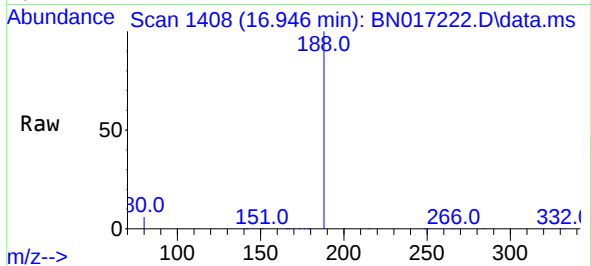




#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 16.946 min Scan# 1408  
Delta R.T. -0.000 min  
Lab File: BN017222.D  
Acq: 01 Nov 2021 21:03

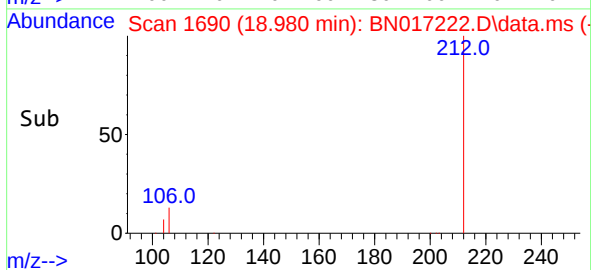
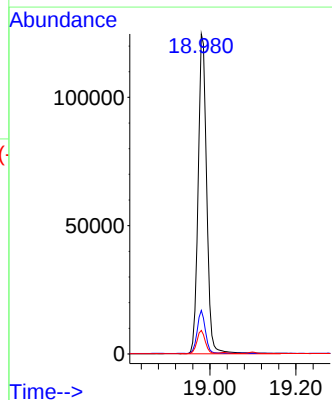
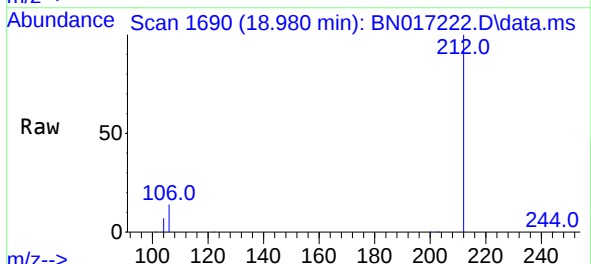
Instrument :  
BNA\_N  
ClientSampleId :  
BP-VPB-RW9-GW-238-240

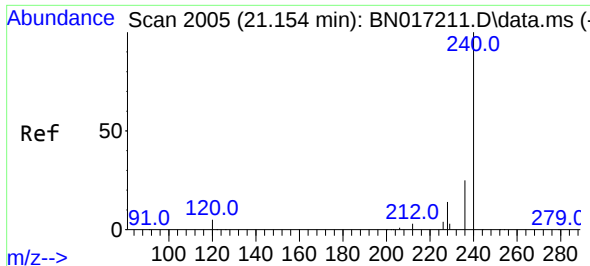
Tgt Ion:188 Resp: 159794  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 6.1 5.1 7.7



#27  
Fluoranthene-d10  
Concen: 0.421 ng  
RT: 18.980 min Scan# 1690  
Delta R.T. -0.005 min  
Lab File: BN017222.D  
Acq: 01 Nov 2021 21:03

Tgt Ion:212 Resp: 171202  
Ion Ratio Lower Upper  
212 100  
106 12.9 10.6 15.8  
104 7.0 5.8 8.6

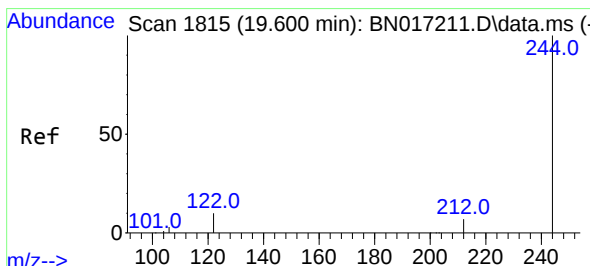
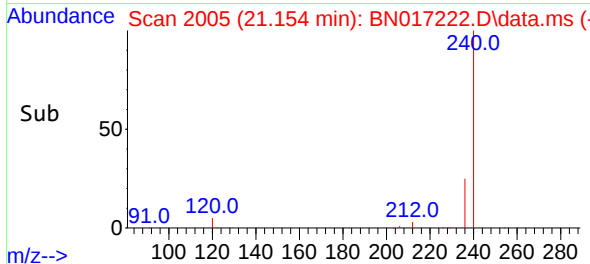
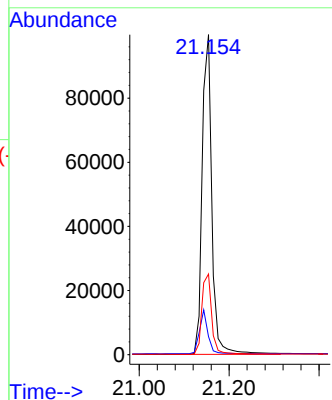
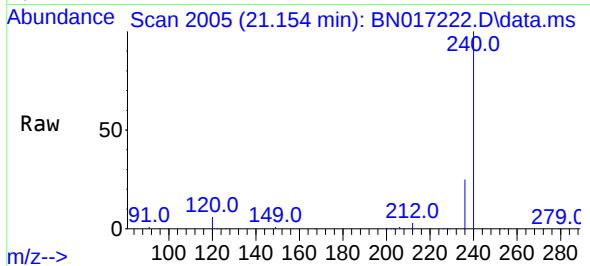




#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.154 min Scan# 2005  
Delta R.T. -0.000 min  
Lab File: BN017222.D  
Acq: 01 Nov 2021 21:03

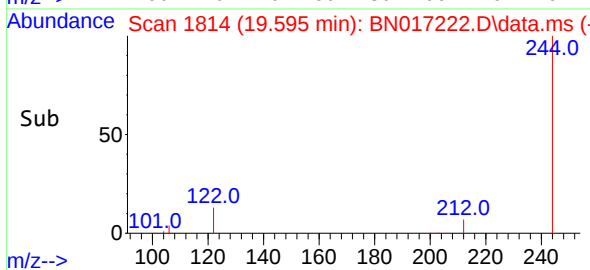
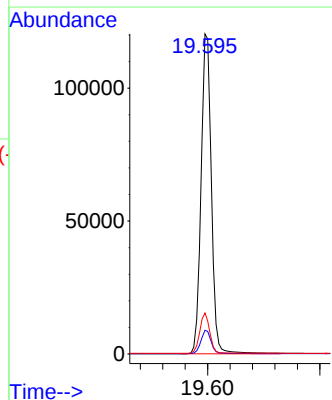
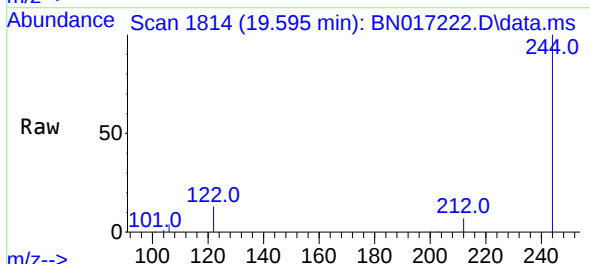
Instrument :  
BNA\_N  
ClientSampleId :  
BP-VPB-RW9-GW-238-240

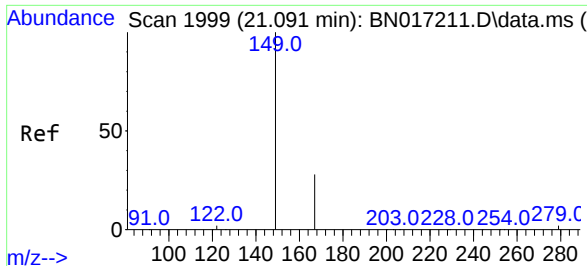
Tgt Ion:240 Resp: 149073  
Ion Ratio Lower Upper  
240 100  
120 5.7 4.2 6.4  
236 25.2 20.2 30.2



#31  
Terphenyl-d14  
Concen: 0.469 ng  
RT: 19.595 min Scan# 1814  
Delta R.T. -0.005 min  
Lab File: BN017222.D  
Acq: 01 Nov 2021 21:03

Tgt Ion:244 Resp: 152841  
Ion Ratio Lower Upper  
244 100  
212 7.4 5.7 8.5  
122 12.8 8.3 12.5



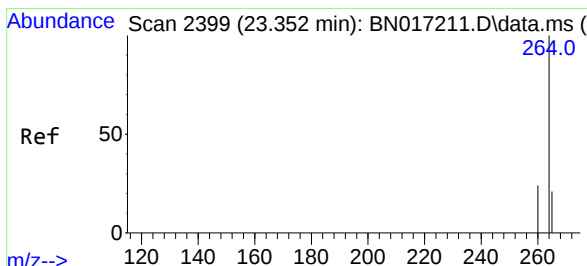
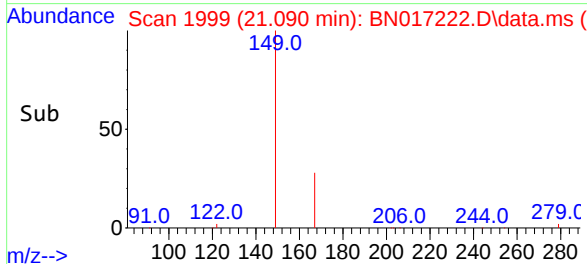
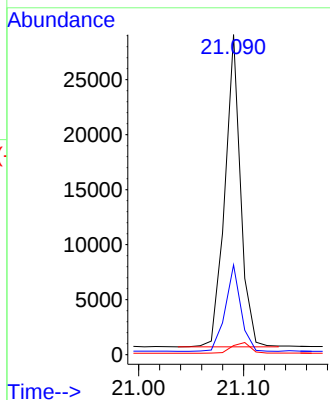
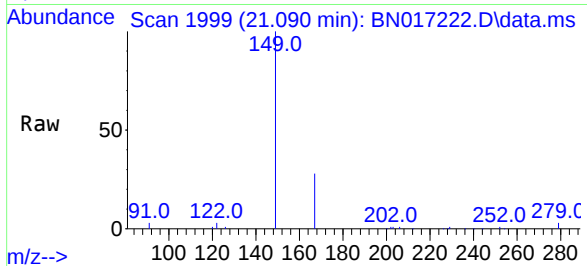


#34  
Bis(2-ethylhexyl)phthalate  
Concen: 0.268 ng  
RT: 21.090 min Scan# 1999  
Delta R.T. -0.001 min  
Lab File: BN017222.D  
Acq: 01 Nov 2021 21:03

Instrument :  
BNA\_N  
ClientSampleId :  
BP-VPB-RW9-GW-238-240

Tgt Ion:149 Resp: 29405

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 27.4  | 21.8  | 32.8  |
| 279 | 4.2   | 3.1   | 4.7   |



#35  
Perylene-d12  
Concen: 0.400 ng  
RT: 23.352 min Scan# 2399  
Delta R.T. -0.000 min  
Lab File: BN017222.D  
Acq: 01 Nov 2021 21:03

Tgt Ion:264 Resp: 144356

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 24.6  | 19.5  | 29.3  |
| 265 | 23.0  | 18.8  | 28.2  |

