

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN093021\  
 Data File : BN016588.D  
 Acq On : 30 Sep 2021 00:31  
 Operator : CG/JU  
 Sample : PB139433BL  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB139433BL

Quant Time: Sep 30 02:20:12 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN093021.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Sep 30 02:08:37 2021  
 Response via : Initial Calibration

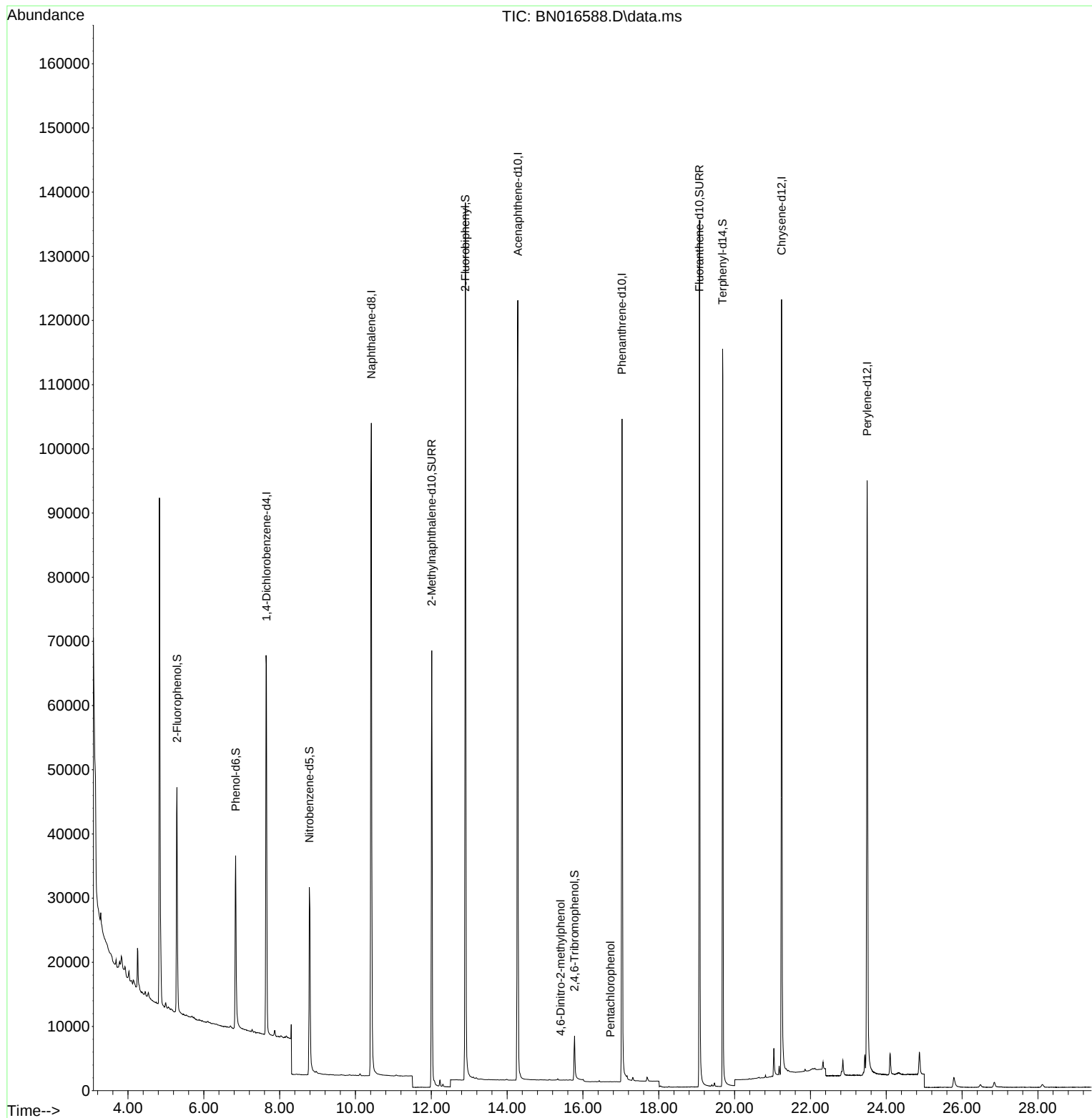
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.652  | 152  | 34700    | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.419 | 136  | 158102   | 0.400 | ng    | 0.00     |
| 13) Acenaphthene-d10          | 14.281 | 164  | 81168    | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.030 | 188  | 143248   | 0.400 | ng    | 0.00     |
| 29) Chrysene-d12              | 21.238 | 240  | 119145   | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12              | 23.495 | 264  | 129793   | 0.400 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.291  | 112  | 34040    | 0.383 | ng    | 0.03     |
| 5) Phenol-d6                  | 6.840  | 99   | 31582    | 0.332 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.784  | 82   | 30560    | 0.308 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.012 | 152  | 97777    | 0.423 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.779 | 330  | 7251     | 0.196 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 12.899 | 172  | 123075   | 0.369 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.073 | 212  | 158403   | 0.404 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.683 | 244  | 120919   | 0.467 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
| 20) 4,6-Dinitro-2-methylph... | 15.411 | 198  | 7        | 0.201 | ng    | # 1      |
| 24) Pentachlorophenol         | 16.726 | 266  | 42       | 0.144 | ng    | # 76     |
| -----                         |        |      |          |       |       |          |

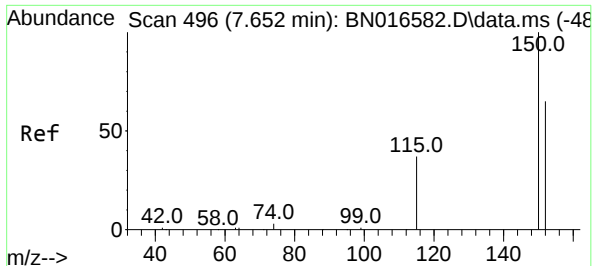
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN093021\  
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Sample : PB139433BL  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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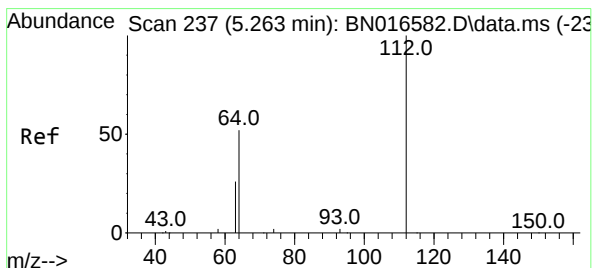
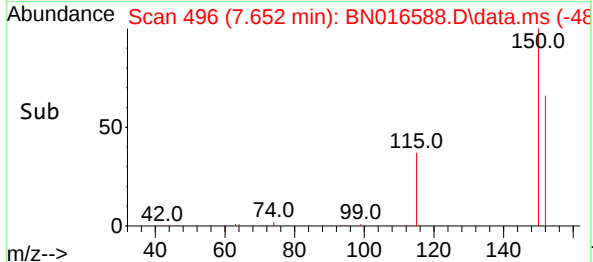
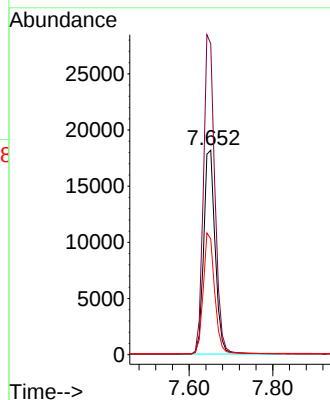
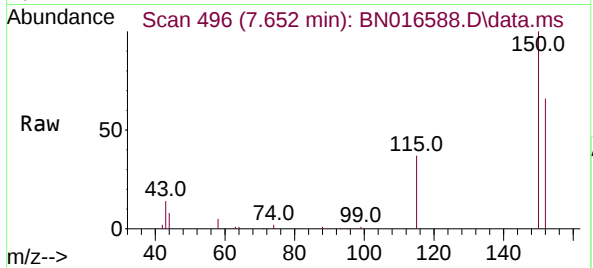




#1  
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.652 min Scan# 496  
Delta R.T. -0.000 min  
Lab File: BN016588.D  
Acq: 30 Sep 2021 00:31

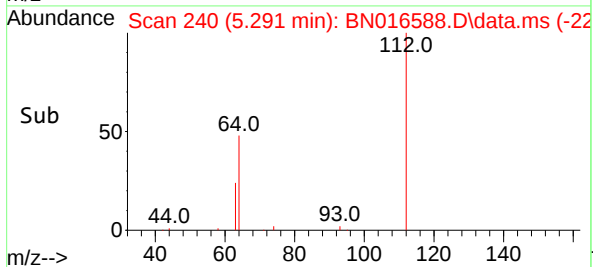
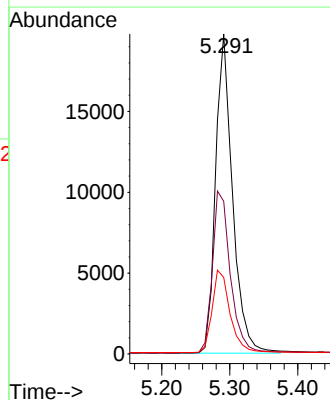
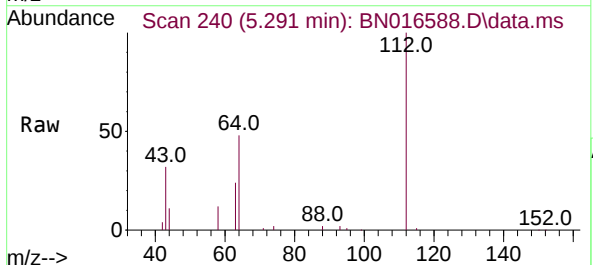
Instrument :  
BNA\_N  
ClientSampleId :  
PB139433BL

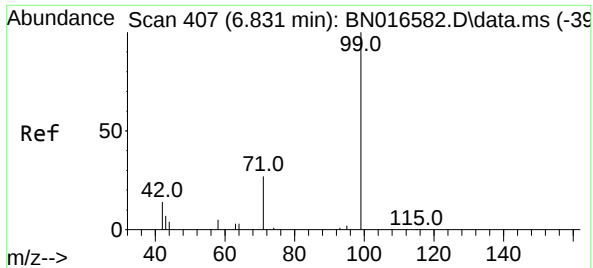
Tgt Ion:152 Resp: 34700  
Ion Ratio Lower Upper  
152 100  
150 152.0 123.3 184.9  
115 56.6 46.2 69.2



#4  
2-Fluorophenol  
Concen: 0.383 ng  
RT: 5.291 min Scan# 240  
Delta R.T. 0.028 min  
Lab File: BN016588.D  
Acq: 30 Sep 2021 00:31

Tgt Ion:112 Resp: 34040  
Ion Ratio Lower Upper  
112 100  
64 54.1 43.4 65.2  
63 27.3 21.8 32.8

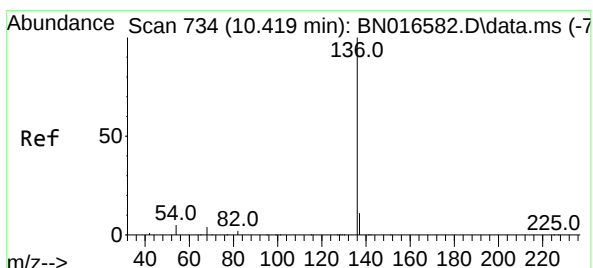
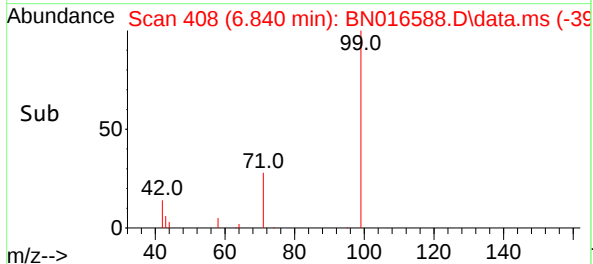
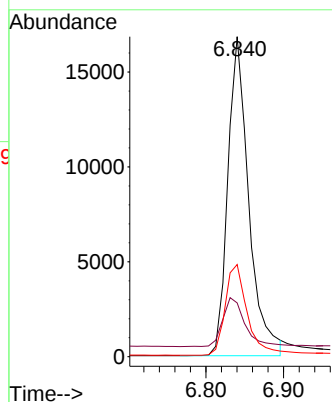
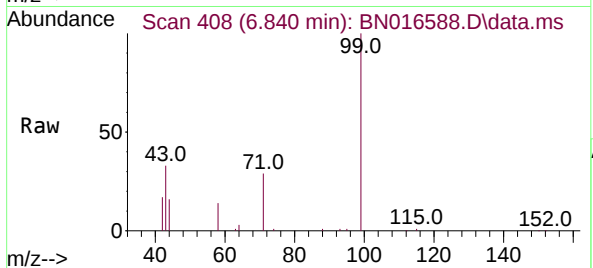




#5  
Phenol-d6  
Concen: 0.332 ng  
RT: 6.840 min Scan# 408  
Delta R.T. 0.009 min  
Lab File: BN016588.D  
Acq: 30 Sep 2021 00:31

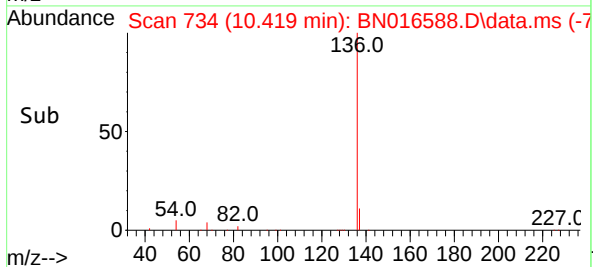
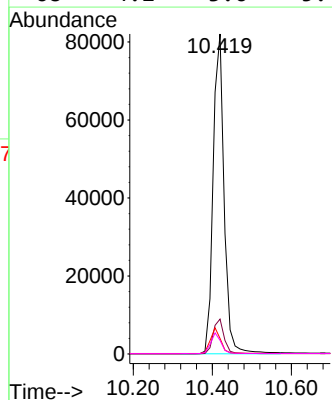
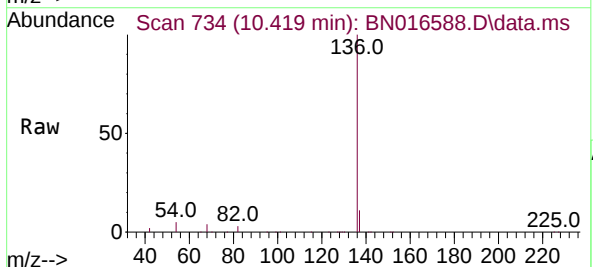
Instrument :  
BNA\_N  
ClientSampleId :  
PB139433BL

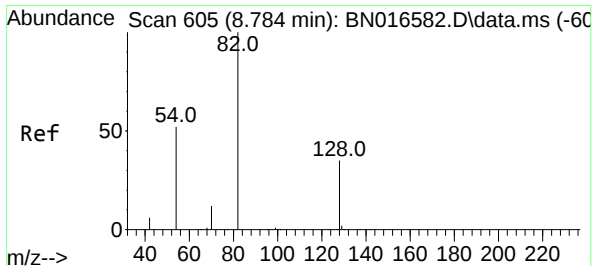
Tgt Ion: 99 Resp: 31582  
Ion Ratio Lower Upper  
99 100  
42 16.1 13.3 19.9  
71 29.8 23.7 35.5



#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.419 min Scan# 734  
Delta R.T. 0.000 min  
Lab File: BN016588.D  
Acq: 30 Sep 2021 00:31

Tgt Ion:136 Resp: 158102  
Ion Ratio Lower Upper  
136 100  
137 10.9 8.8 13.2  
54 4.8 4.0 6.0  
68 4.2 3.6 5.4

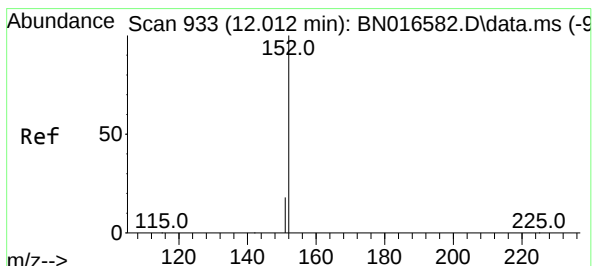
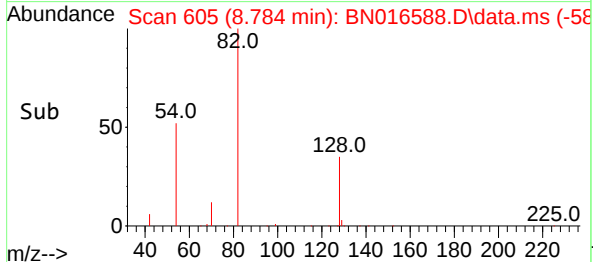
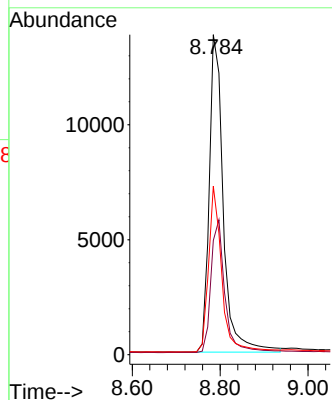
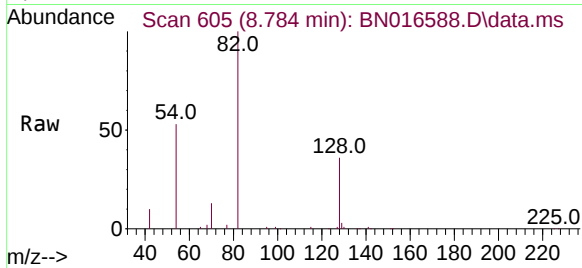




#8  
Nitrobenzene-d5  
Concen: 0.308 ng  
RT: 8.784 min Scan# 605  
Delta R.T. 0.000 min  
Lab File: BN016588.D  
Acq: 30 Sep 2021 00:31

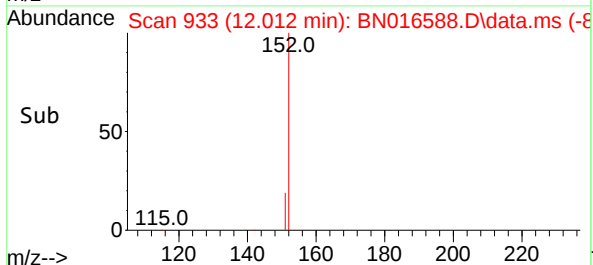
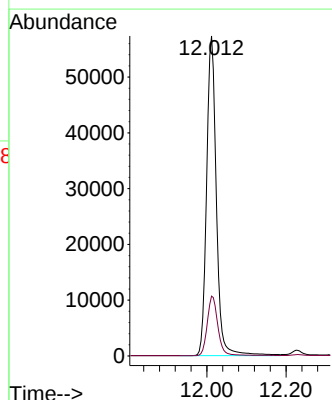
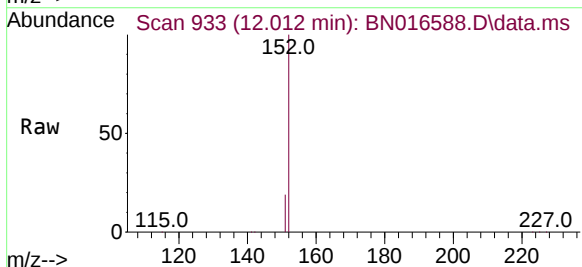
Instrument :  
BNA\_N  
ClientSampleId :  
PB139433BL

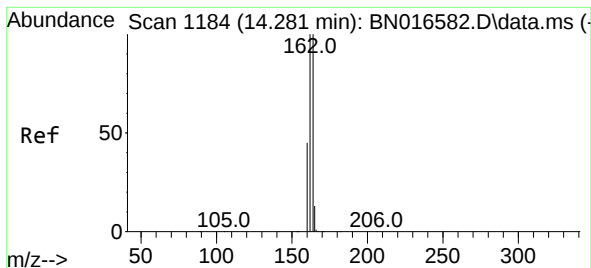
Tgt Ion: 82 Resp: 30560  
Ion Ratio Lower Upper  
82 100  
128 35.7 28.6 42.8  
54 52.6 42.0 63.0



#11  
2-Methylnaphthalene-d10  
Concen: 0.423 ng  
RT: 12.012 min Scan# 933  
Delta R.T. 0.000 min  
Lab File: BN016588.D  
Acq: 30 Sep 2021 00:31

Tgt Ion: 152 Resp: 97777  
Ion Ratio Lower Upper  
152 100  
151 20.3 16.3 24.5

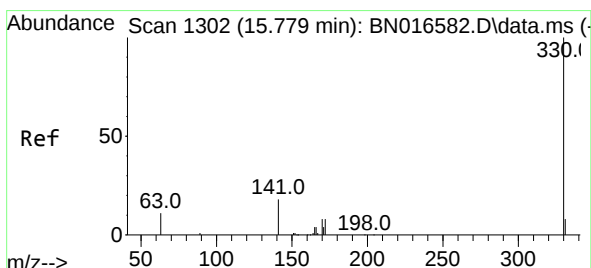
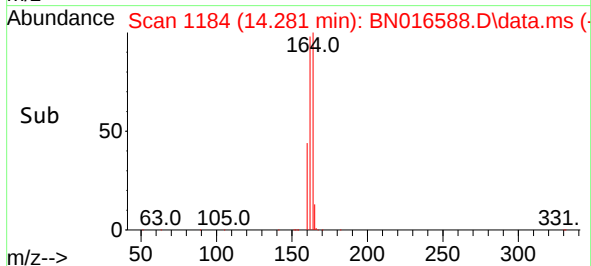
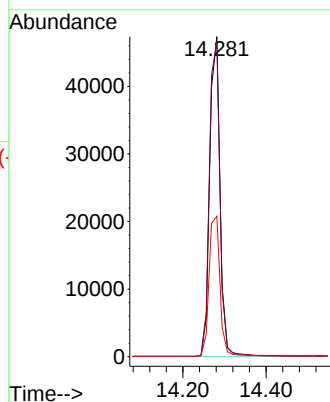
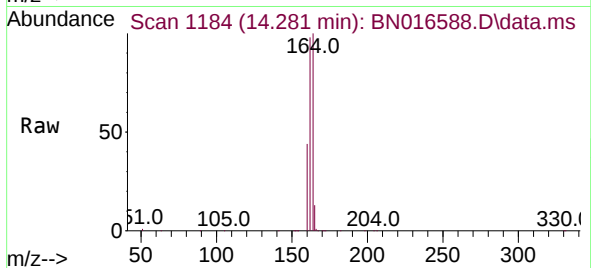




#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.281 min Scan# 1184  
Delta R.T. 0.000 min  
Lab File: BN016588.D  
Acq: 30 Sep 2021 00:31

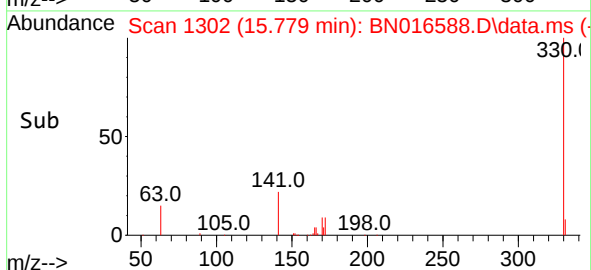
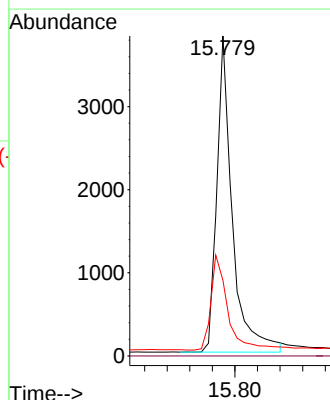
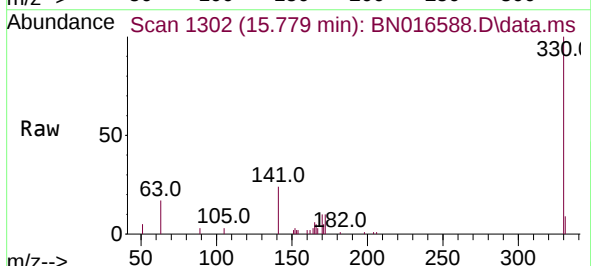
Instrument :  
BNA\_N  
ClientSampleId :  
PB139433BL

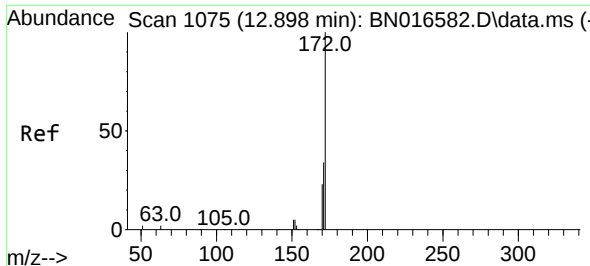
Tgt Ion:164 Resp: 81168  
Ion Ratio Lower Upper  
164 100  
162 98.5 79.8 119.6  
160 43.9 35.7 53.5



#14  
2,4,6-Tribromophenol  
Concen: 0.196 ng  
RT: 15.779 min Scan# 1302  
Delta R.T. 0.000 min  
Lab File: BN016588.D  
Acq: 30 Sep 2021 00:31

Tgt Ion:330 Resp: 7251  
Ion Ratio Lower Upper  
330 100  
332 0.0 0.0 0.0  
141 32.5 25.4 38.2

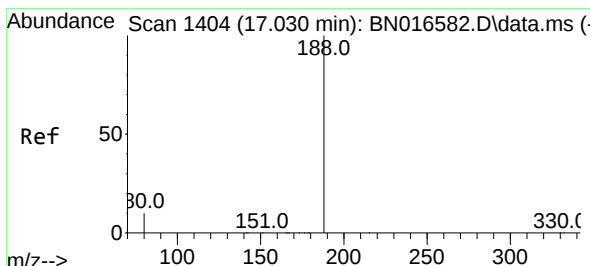
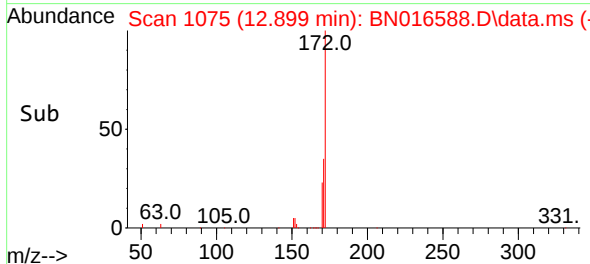
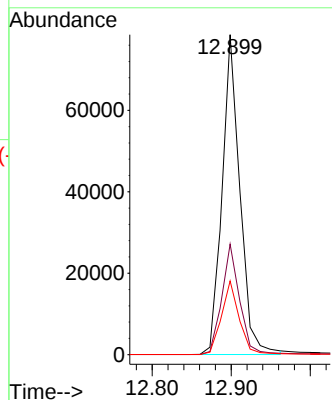
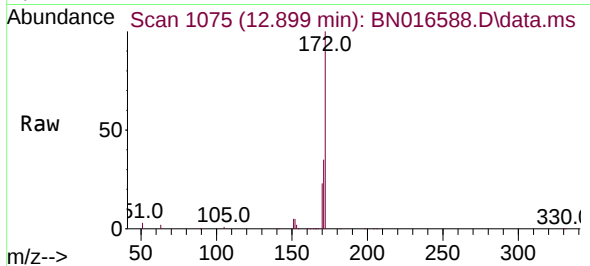




#15  
2-Fluorobiphenyl  
Concen: 0.369 ng  
RT: 12.899 min Scan# 1075  
Delta R.T. 0.000 min  
Lab File: BN016588.D  
Acq: 30 Sep 2021 00:31

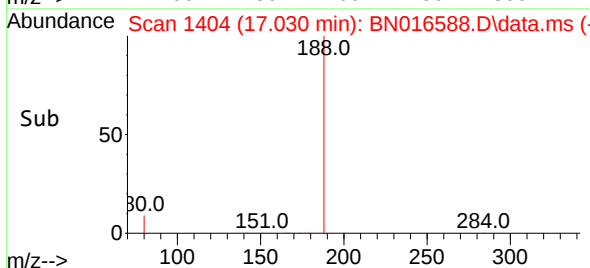
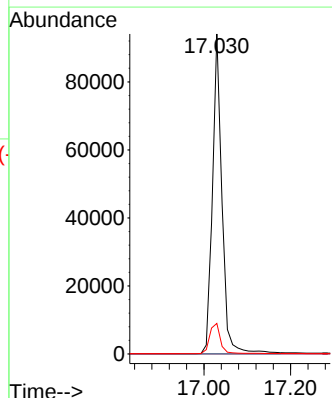
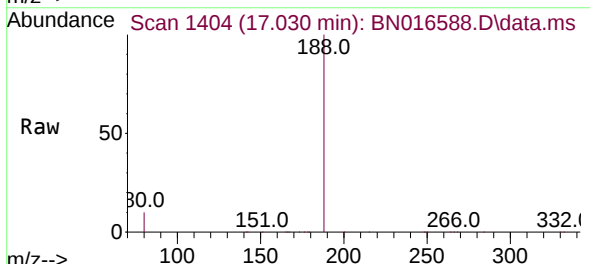
Instrument :  
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ClientSampleId :  
PB139433BL

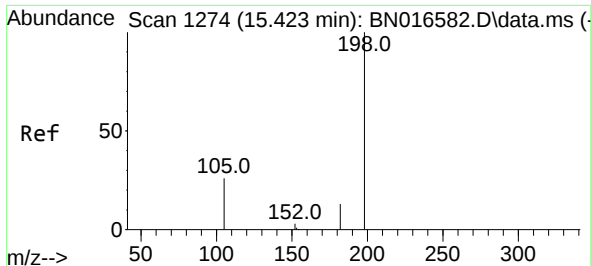
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|-----------|-------|-------|--------|
| Tgt Ion:  | 172   | Resp: | 123075 |
| Ion Ratio | Lower | Upper |        |
| 172       | 100   |       |        |
| 171       | 34.6  | 27.6  | 41.4   |
| 170       | 23.0  | 18.7  | 28.1   |



#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.030 min Scan# 1404  
Delta R.T. -0.000 min  
Lab File: BN016588.D  
Acq: 30 Sep 2021 00:31

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 188   | Resp: | 143248 |
| Ion Ratio | Lower | Upper |        |
| 188       | 100   |       |        |
| 94        | 0.0   | 0.0   | 0.0    |
| 80        | 9.5   | 8.1   | 12.1   |

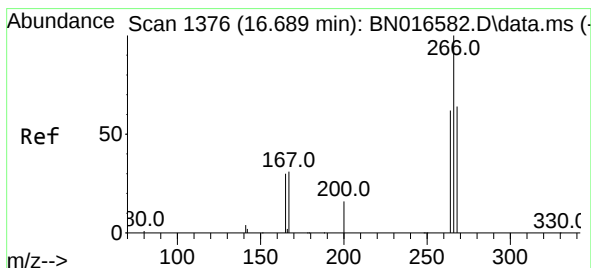
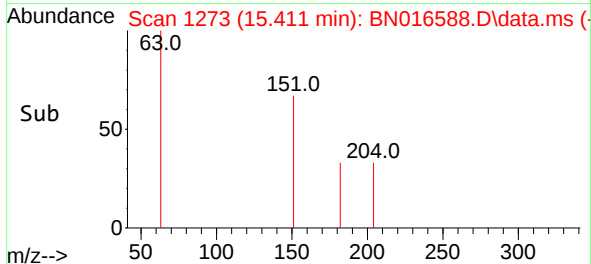
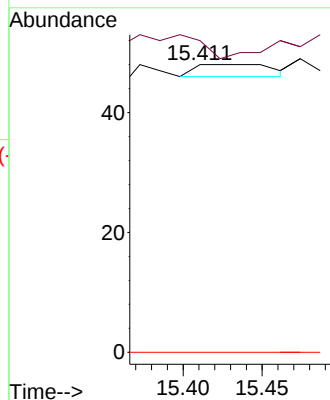
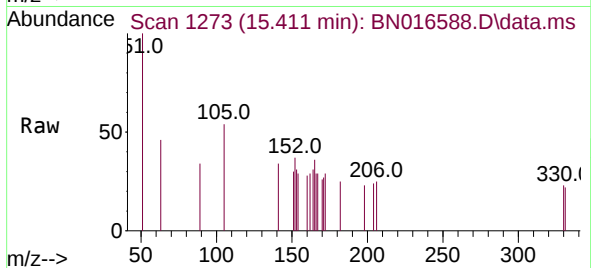




#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.201 ng  
RT: 15.411 min Scan# 1273  
Delta R.T. -0.012 min  
Lab File: BN016588.D  
Acq: 30 Sep 2021 00:31

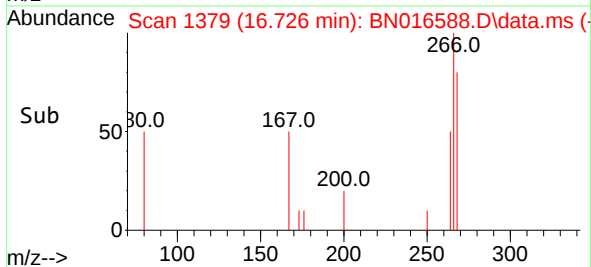
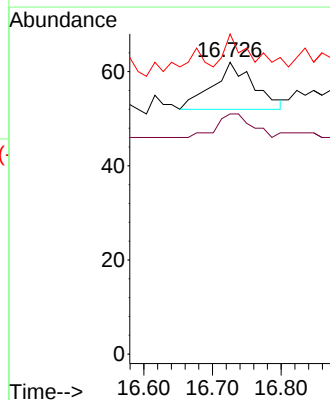
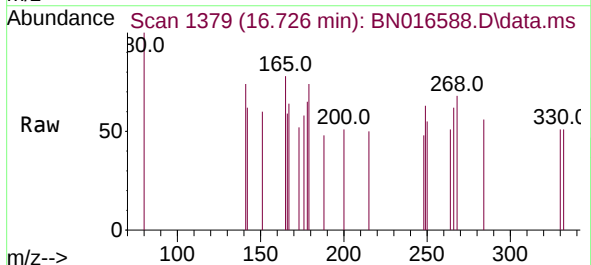
Instrument :  
BNA\_N  
ClientSampleId :  
PB139433BL

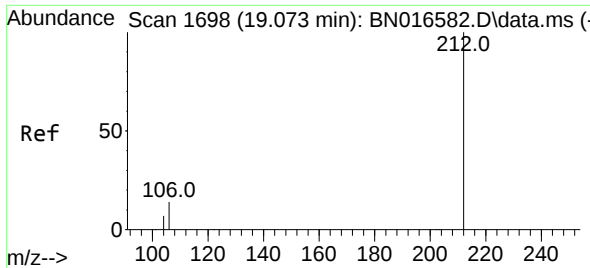
Tgt Ion:198 Resp: 7  
Ion Ratio Lower Upper  
198 100  
182 108.3 12.3 18.5#  
77 0.0 0.0 0.0



#24  
Pentachlorophenol  
Concen: 0.144 ng  
RT: 16.726 min Scan# 1379  
Delta R.T. 0.037 min  
Lab File: BN016588.D  
Acq: 30 Sep 2021 00:31

Tgt Ion:266 Resp: 42  
Ion Ratio Lower Upper  
266 100  
264 42.9 50.5 75.7#  
268 47.6 51.4 77.2#

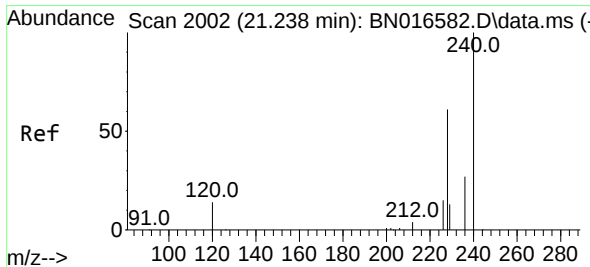
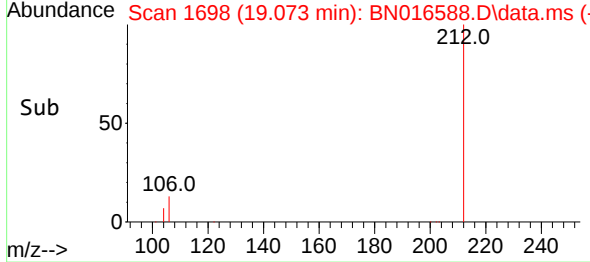
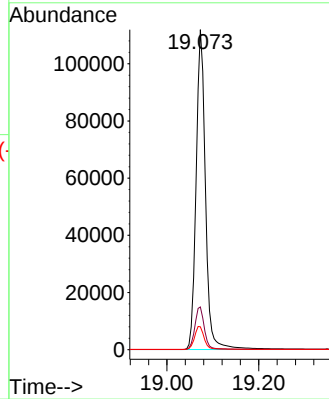
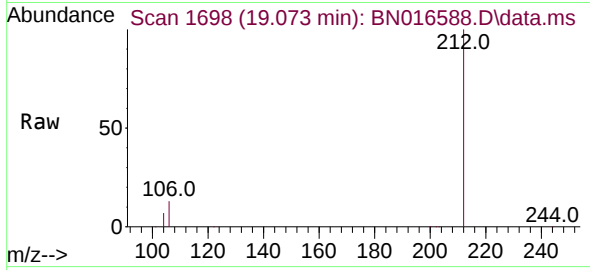




#27  
Fluoranthene-d10  
Concen: 0.404 ng  
RT: 19.073 min Scan# 1698  
Delta R.T. 0.000 min  
Lab File: BN016588.D  
Acq: 30 Sep 2021 00:31

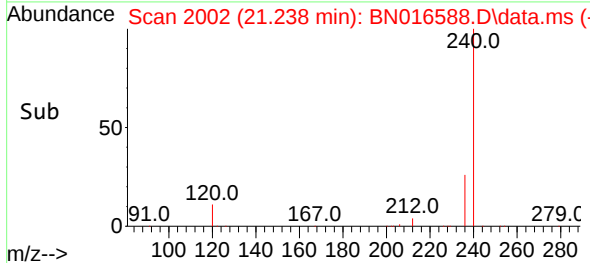
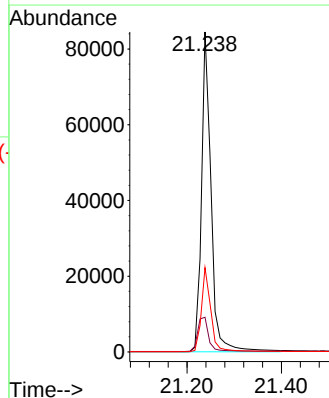
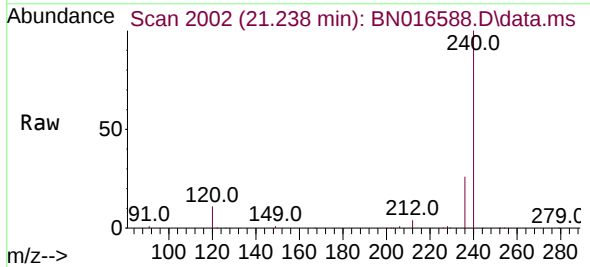
Instrument :  
BNA\_N  
ClientSampleId :  
PB139433BL

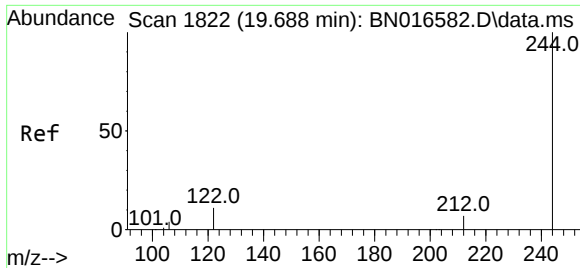
Tgt Ion:212 Resp: 158403  
Ion Ratio Lower Upper  
212 100  
106 13.6 11.0 16.6  
104 7.4 6.0 9.0



#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.238 min Scan# 2002  
Delta R.T. 0.000 min  
Lab File: BN016588.D  
Acq: 30 Sep 2021 00:31

Tgt Ion:240 Resp: 119145  
Ion Ratio Lower Upper  
240 100  
120 10.8 11.6 17.4#  
236 26.3 21.6 32.4

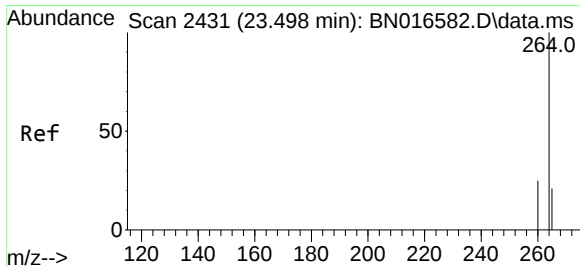
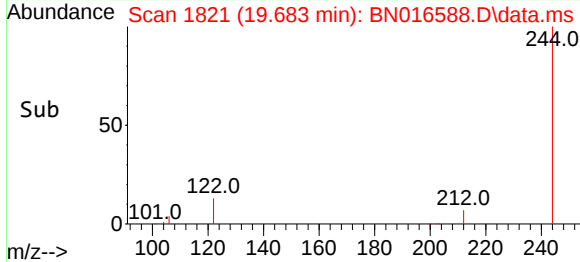
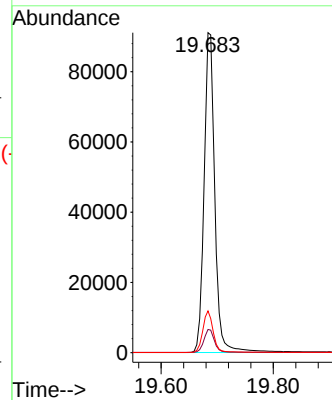
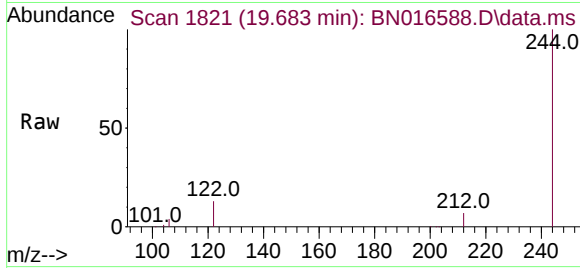




#31  
 Terphenyl-d14  
 Concen: 0.467 ng  
 RT: 19.683 min Scan# 1821  
 Delta R.T. -0.005 min  
 Lab File: BN016588.D  
 Acq: 30 Sep 2021 00:31

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB139433BL

Tgt Ion:244 Resp: 120919  
 Ion Ratio Lower Upper  
 244 100  
 212 7.3 5.8 8.8  
 122 13.1 9.2 13.8



#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 23.495 min Scan# 2430  
 Delta R.T. -0.003 min  
 Lab File: BN016588.D  
 Acq: 30 Sep 2021 00:31

Tgt Ion:264 Resp: 129793  
 Ion Ratio Lower Upper  
 264 100  
 260 24.6 19.7 29.5  
 265 23.3 18.9 28.3

