

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP111120\  
 Data File : BP003933.D  
 Acq On : 11 Nov 2020 22:12  
 Operator : CG/JU  
 Sample : L4631-05  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 PAV-B11-110420-10-15.25

Quant Time: Nov 12 00:26:34 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\8270-BP110320.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Nov 10 13:41:24 2020  
 Response via : Initial Calibration

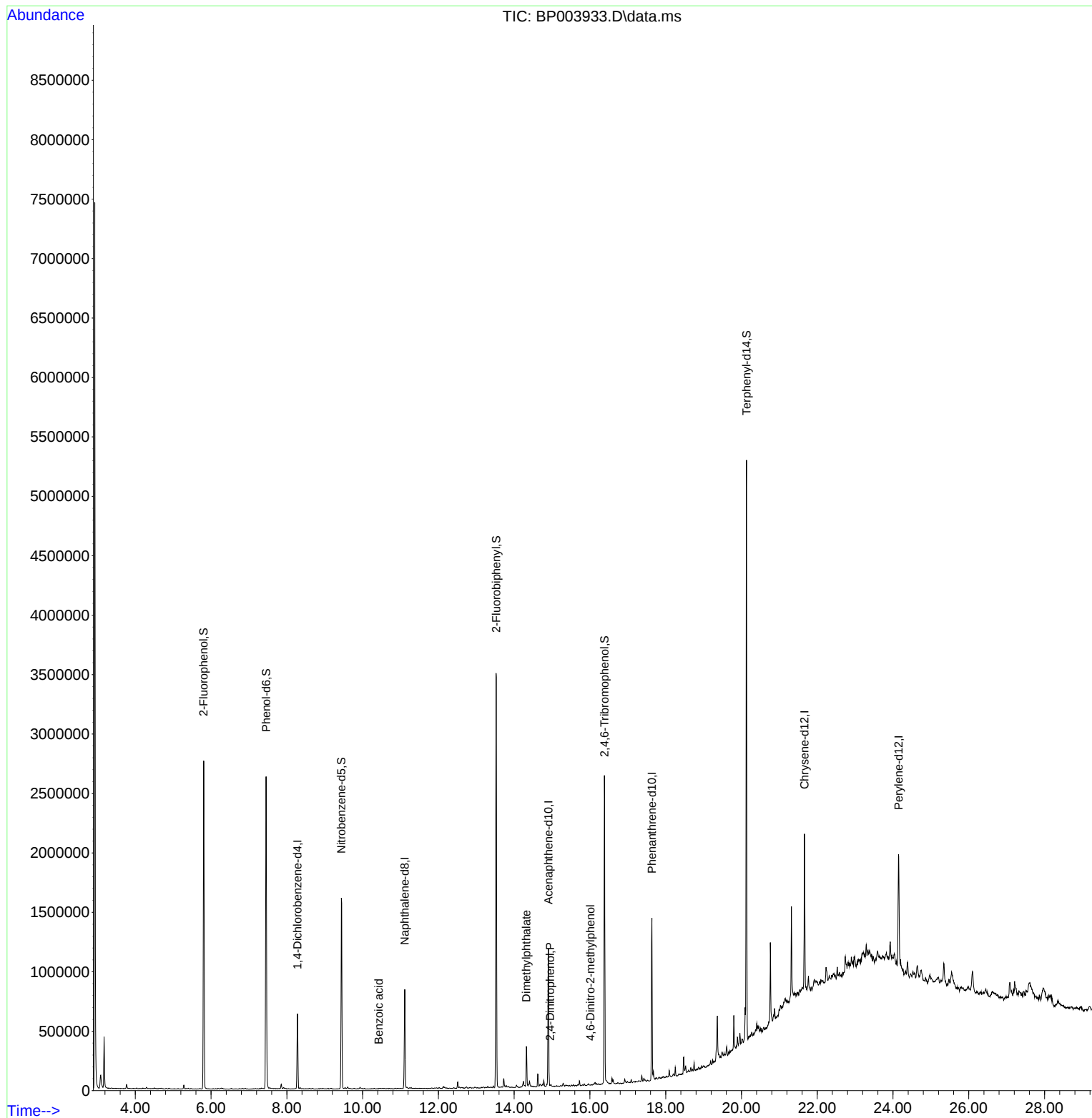
| Compound                      | R.T.   | QIon | Response | Conc      | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-----------|-------|----------|
| -----                         |        |      |          |           |       |          |
| Internal Standards            |        |      |          |           |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.281  | 152  | 163987   | 20.00     | ng    | 0.00     |
| 21) Naphthalene-d8            | 11.110 | 136  | 649698   | 20.00     | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 14.904 | 164  | 391403   | 20.00     | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.634 | 188  | 795641   | 20.00     | ng    | # 0.00   |
| 76) Chrysene-d12              | 21.663 | 240  | 656548   | 20.00     | ng    | 0.00     |
| 86) Perylene-d12              | 24.145 | 264  | 741790   | 20.00     | ng    | 0.02     |
| System Monitoring Compounds   |        |      |          |           |       |          |
| 5) 2-Fluorophenol             | 5.805  | 112  | 1086550  | 110.58    | ng    | 0.00     |
| 7) Phenol-d6                  | 7.452  | 99   | 1403721  | 99.52     | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.440  | 82   | 906769   | 68.35     | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.387 | 330  | 477183   | 97.47     | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.528 | 172  | 1794549  | 64.10     | ng    | 0.00     |
| 79) Terphenyl-d14             | 20.133 | 244  | 2017787  | 59.38     | ng    | 0.00     |
| Target Compounds              |        |      |          |           |       |          |
| 9) Benzaldehyde               | 7.381  | 77   | 1137     | Below Cal | #     | 75       |
| 32) Benzoic acid              | 10.428 | 122  | 94       | 8.32      | ng    | # 1      |
| 50) Dimethylphthalate         | 14.322 | 163  | 210669   | 6.89      | ng    | 100      |
| 54) 2,4-Dinitrophenol         | 14.951 | 184  | 48       | 2.75      | ng    | # 1      |
| 65) 4,6-Dinitro-2-methylph... | 16.016 | 198  | 18       | 6.35      | ng    | # 1      |
| -----                         |        |      |          |           |       |          |

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

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Misc :  
ALS Vial : 17 Sample Multiplier: 1

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\8270-BP110320.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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Response via : Initial Calibration

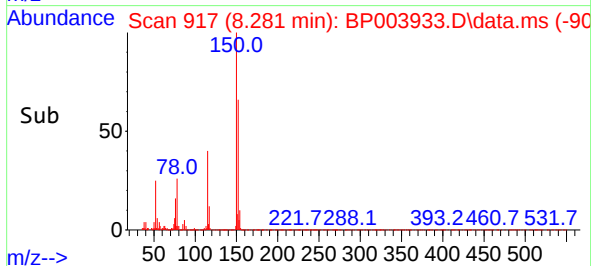
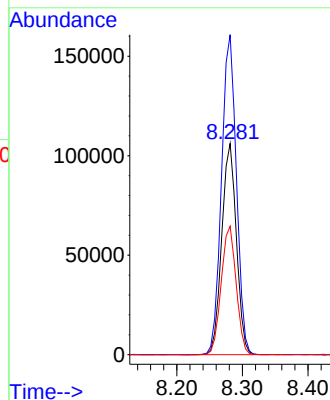
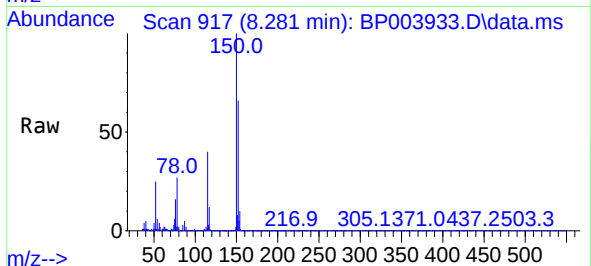




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 8.281 min Scan# 917  
Delta R.T. 0.000 min  
Lab File: BP003933.D  
Acq: 11 Nov 2020 22:12

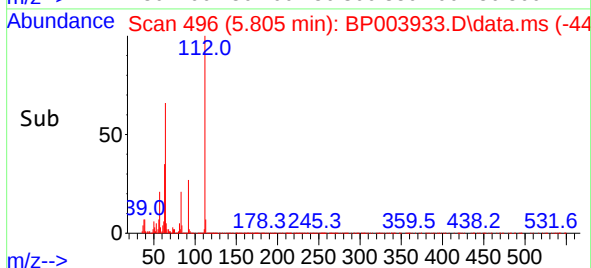
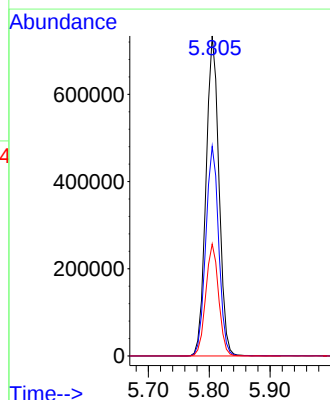
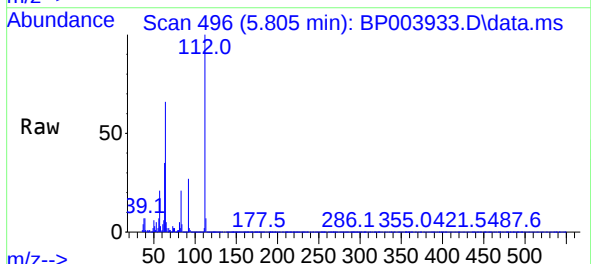
Instrument :  
BNA\_P  
ClientSampleId :  
PAV-B11-110420-10-15.25

Tgt Ion:152 Resp: 163987  
Ion Ratio Lower Upper  
152 100  
150 151.5 123.8 185.6  
115 60.8 43.8 65.6



#5  
2-Fluorophenol  
Concen: 110.58 ng  
RT: 5.805 min Scan# 496  
Delta R.T. 0.006 min  
Lab File: BP003933.D  
Acq: 11 Nov 2020 22:12

Tgt Ion:112 Resp: 1086550  
Ion Ratio Lower Upper  
112 100  
64 65.5 32.8 49.2#  
63 35.0 17.0 25.4#

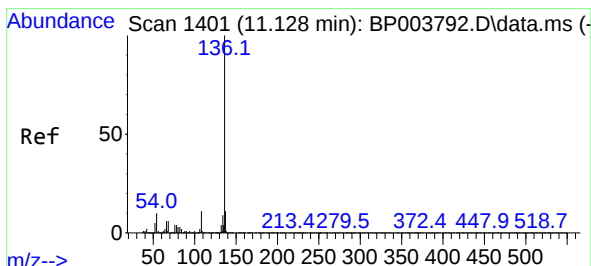
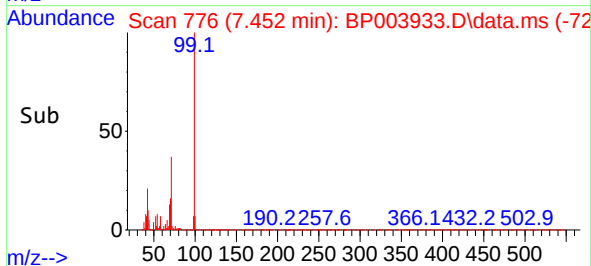
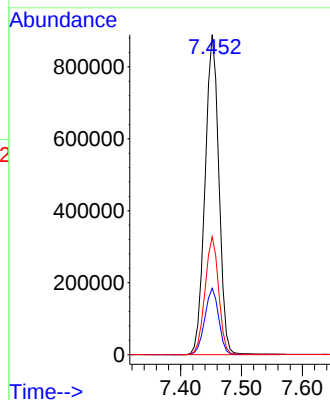
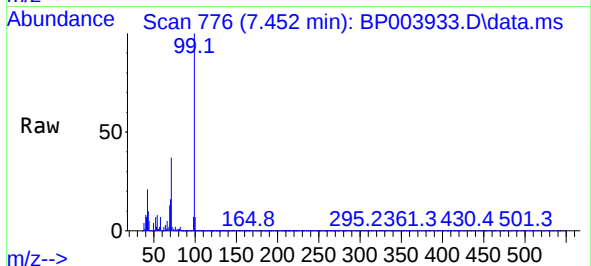




#7  
Phenol-d6  
Concen: 99.52 ng  
RT: 7.452 min Scan# 776  
Delta R.T. -0.000 min  
Lab File: BP003933.D  
Acq: 11 Nov 2020 22:12

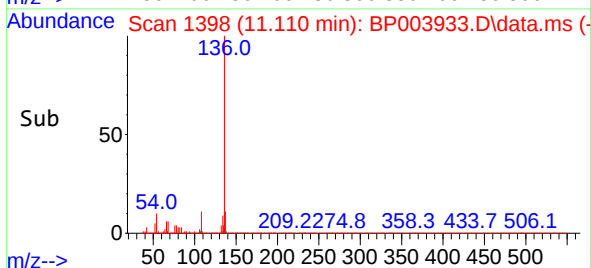
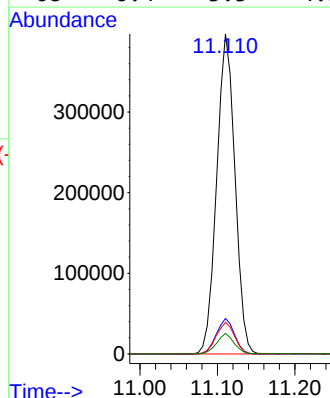
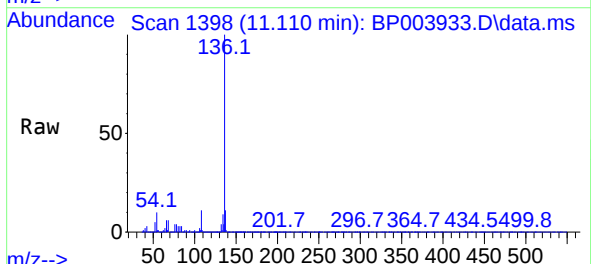
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ClientSampleId :  
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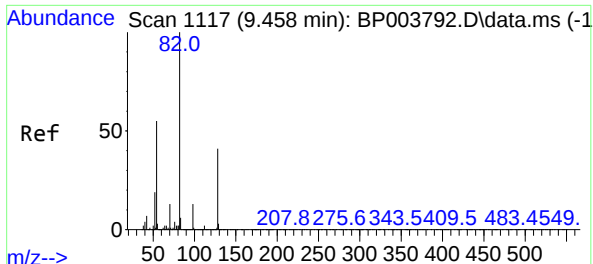
Tgt Ion: 99 Resp: 1403721  
Ion Ratio Lower Upper  
99 100  
42 20.8 8.6 13.0#  
71 36.8 23.4 35.2#



#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 11.110 min Scan# 1398  
Delta R.T. -0.000 min  
Lab File: BP003933.D  
Acq: 11 Nov 2020 22:12

Tgt Ion: 136 Resp: 649698  
Ion Ratio Lower Upper  
136 100  
137 11.1 8.6 13.0  
54 9.9 3.6 5.4#  
68 6.4 3.3 4.9#

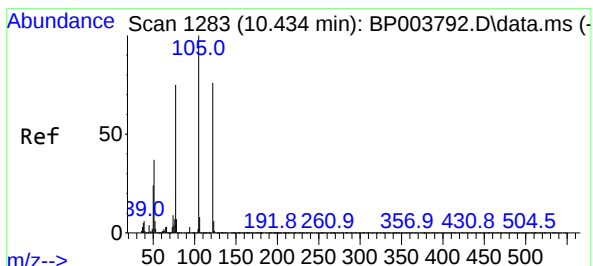
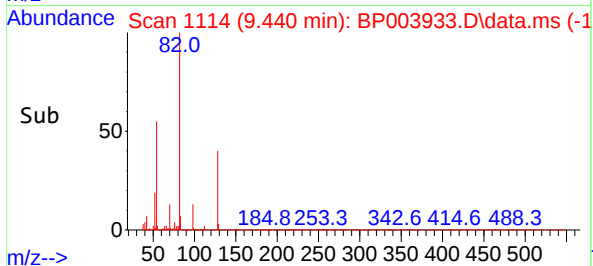
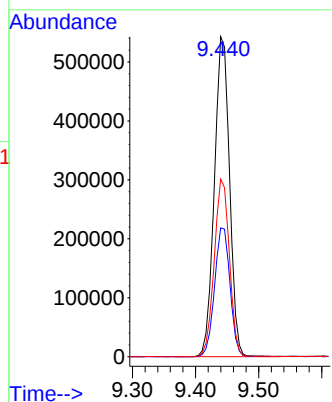
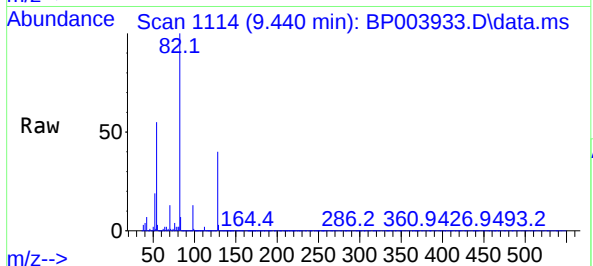




#23  
Nitrobenzene-d5  
Concen: 68.35 ng  
RT: 9.440 min Scan# 1114  
Delta R.T. -0.000 min  
Lab File: BP003933.D  
Acq: 11 Nov 2020 22:12

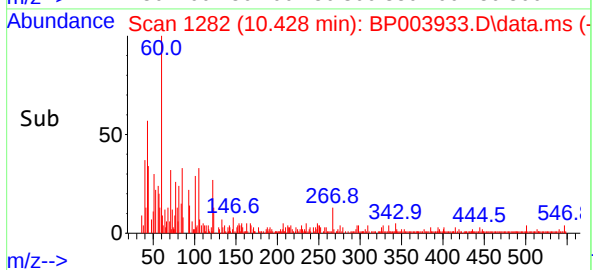
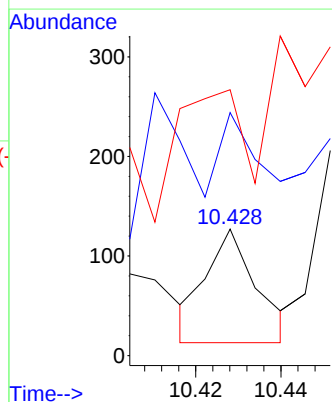
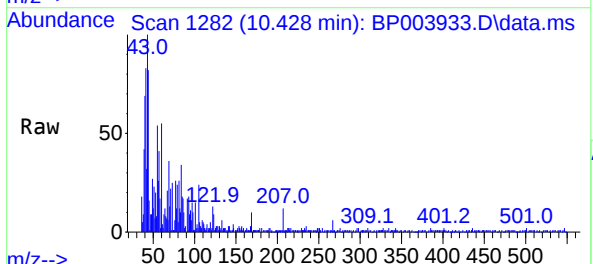
Instrument :  
BNA\_P  
ClientSampleId :  
PAV-B11-110420-10-15.25

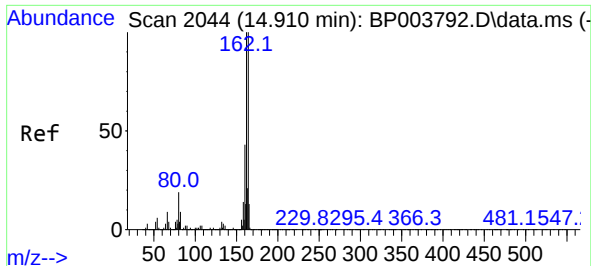
Tgt Ion: 82 Resp: 906769  
Ion Ratio Lower Upper  
82 100  
128 40.3 45.6 68.4#  
54 55.5 30.1 45.1#



#32  
Benzoic acid  
Concen: 8.32 ng  
RT: 10.428 min Scan# 1282  
Delta R.T. -0.000 min  
Lab File: BP003933.D  
Acq: 11 Nov 2020 22:12

Tgt Ion: 122 Resp: 94  
Ion Ratio Lower Upper  
122 100  
105 192.1 94.1 134.1#  
77 210.2 50.1 90.1#

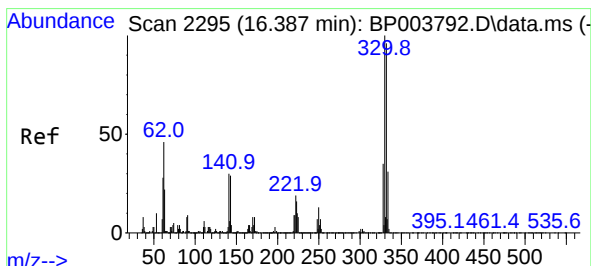
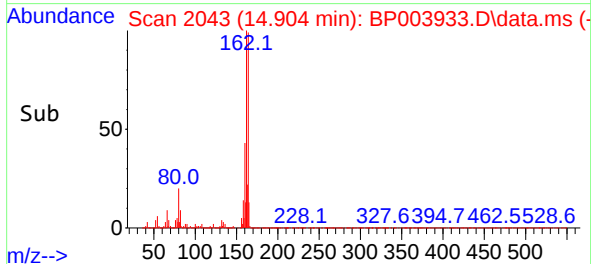
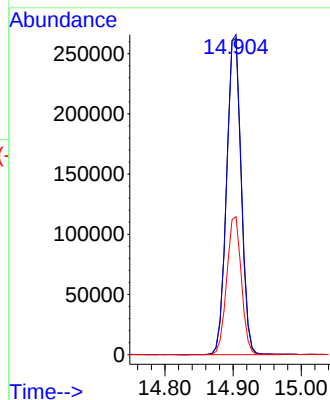
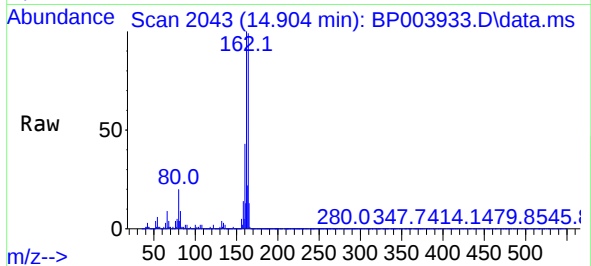




#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.904 min Scan# 2043  
Delta R.T. -0.000 min  
Lab File: BP003933.D  
Acq: 11 Nov 2020 22:12

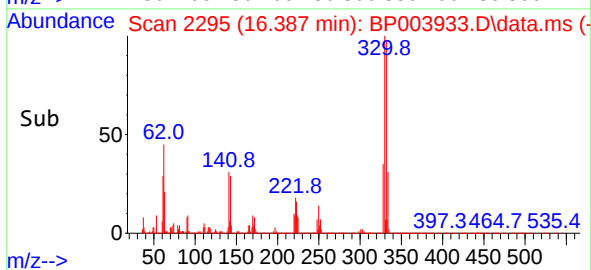
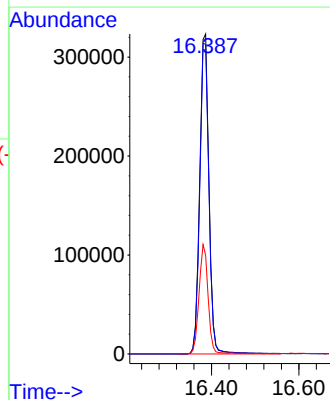
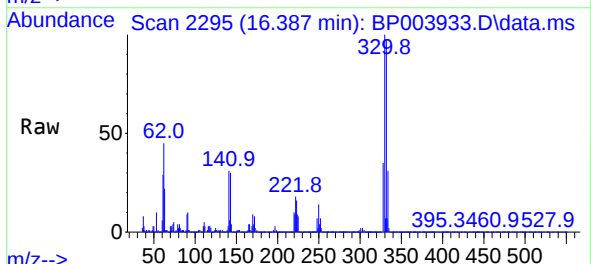
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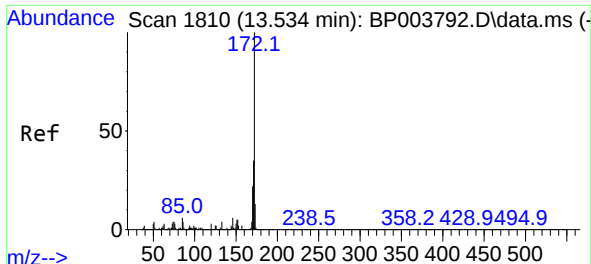
Tgt Ion:164 Resp: 391403  
Ion Ratio Lower Upper  
164 100  
162 101.1 79.4 119.2  
160 43.5 36.1 54.1



#42  
2,4,6-Tribromophenol  
Concen: 97.47 ng  
RT: 16.387 min Scan# 2295  
Delta R.T. 0.006 min  
Lab File: BP003933.D  
Acq: 11 Nov 2020 22:12

Tgt Ion:330 Resp: 477183  
Ion Ratio Lower Upper  
330 100  
332 96.5 77.1 115.7  
141 33.4 23.4 35.2

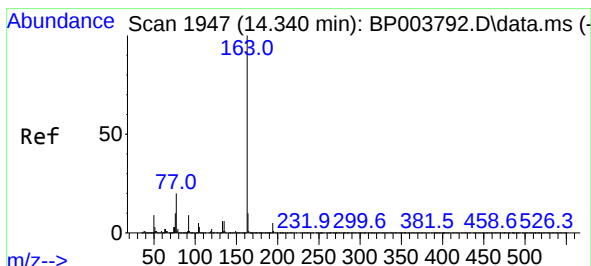
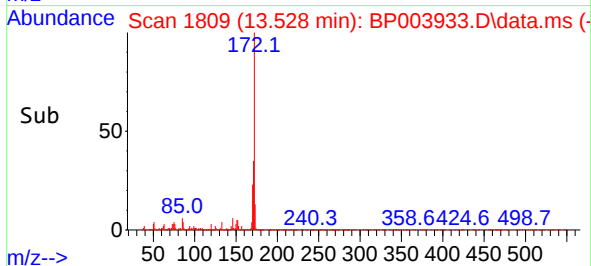
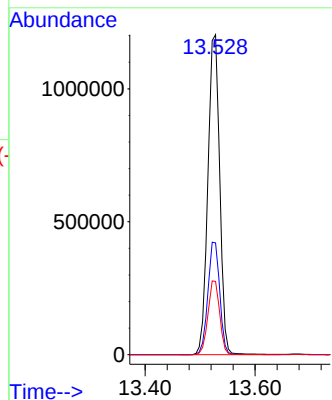
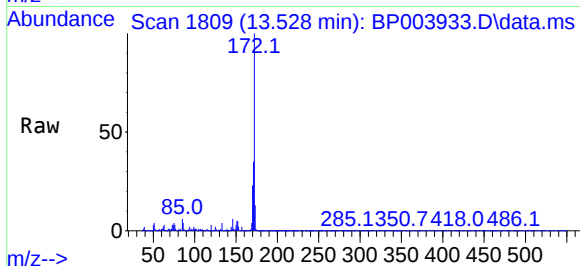




#45  
2-Fluorobiphenyl  
Concen: 64.10 ng  
RT: 13.528 min Scan# 1809  
Delta R.T. 0.006 min  
Lab File: BP003933.D  
Acq: 11 Nov 2020 22:12

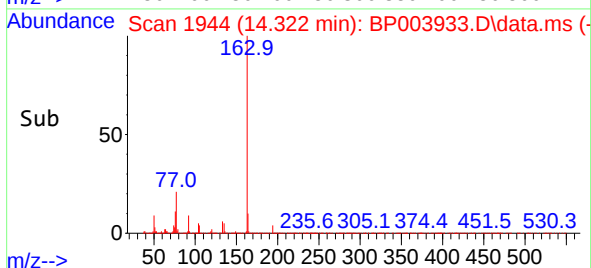
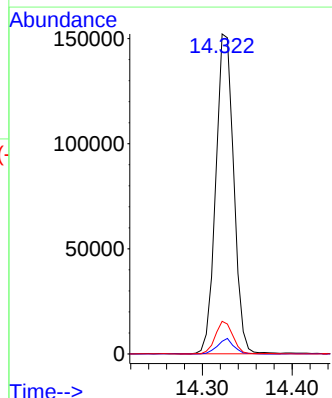
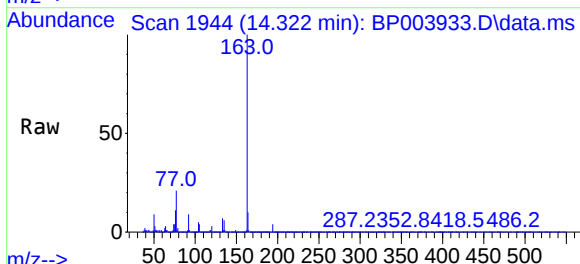
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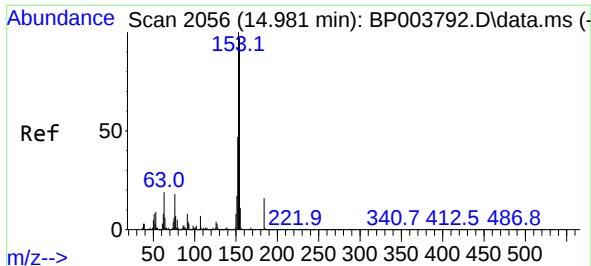
Tgt Ion:172 Resp: 1794549  
Ion Ratio Lower Upper  
172 100  
171 35.0 28.5 42.7  
170 22.9 19.2 28.8



#50  
Dimethylphthalate  
Concen: 6.89 ng  
RT: 14.322 min Scan# 1944  
Delta R.T. -0.006 min  
Lab File: BP003933.D  
Acq: 11 Nov 2020 22:12

Tgt Ion:163 Resp: 210669  
Ion Ratio Lower Upper  
163 100  
194 4.0 3.3 4.9  
164 10.2 8.2 12.2

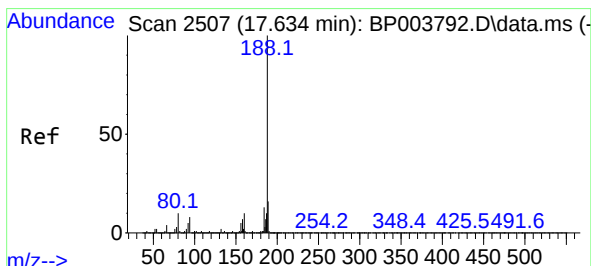
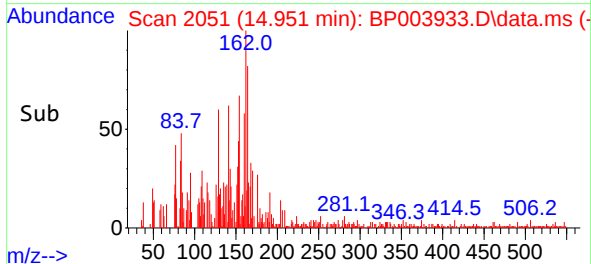
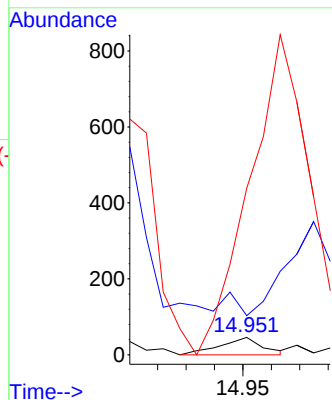
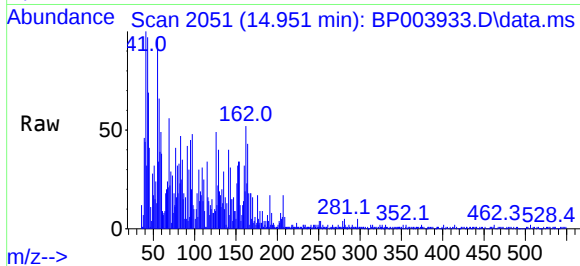




#54  
2,4-Dinitrophenol  
Concen: 2.75 ng  
RT: 14.951 min Scan# 2051  
Delta R.T. -0.035 min  
Lab File: BP003933.D  
Acq: 11 Nov 2020 22:12

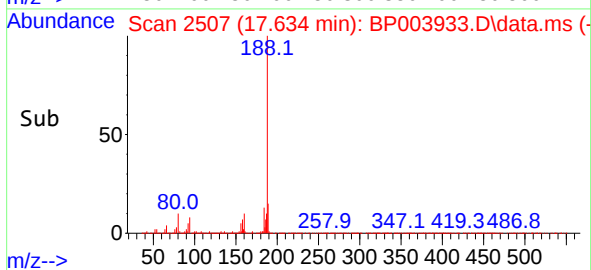
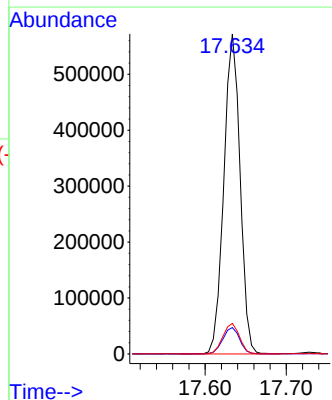
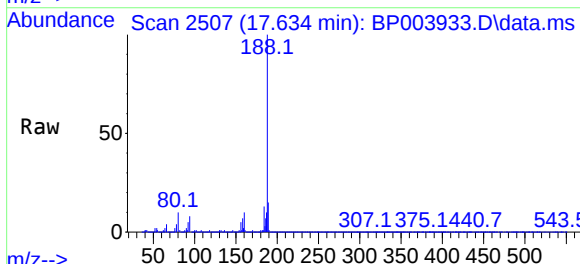
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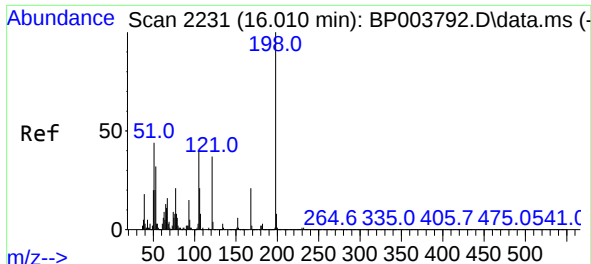
Tgt Ion:184 Resp: 48  
Ion Ratio Lower Upper  
184 100  
63 223.9 32.3 48.5#  
154 954.3 49.1 73.7#



#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.634 min Scan# 2507  
Delta R.T. 0.006 min  
Lab File: BP003933.D  
Acq: 11 Nov 2020 22:12

Tgt Ion:188 Resp: 795641  
Ion Ratio Lower Upper  
188 100  
94 8.2 6.2 9.2  
80 9.6 6.2 9.2#

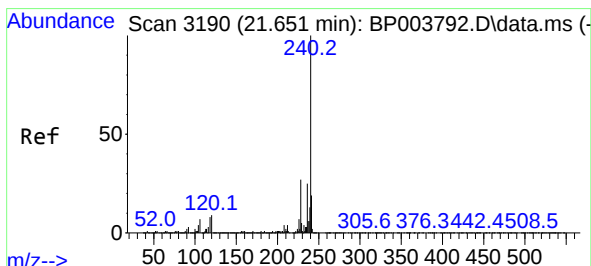
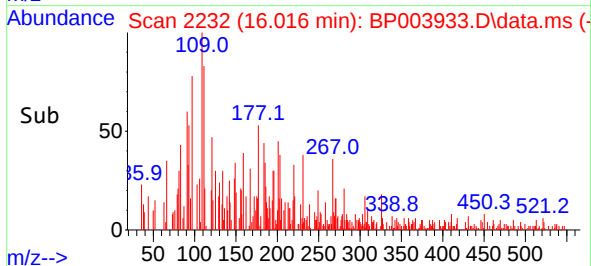
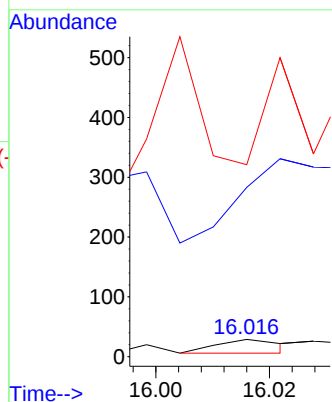
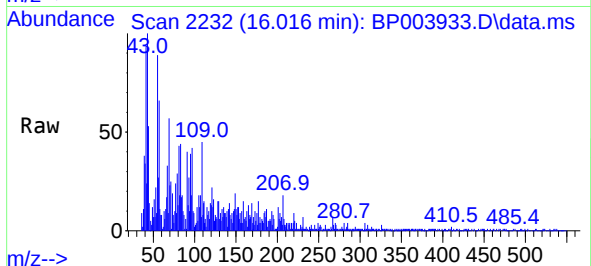




#65  
4,6-Dinitro-2-methylphenol  
Concen: 6.35 ng  
RT: 16.016 min Scan# 2232  
Delta R.T. 0.006 min  
Lab File: BP003933.D  
Acq: 11 Nov 2020 22:12

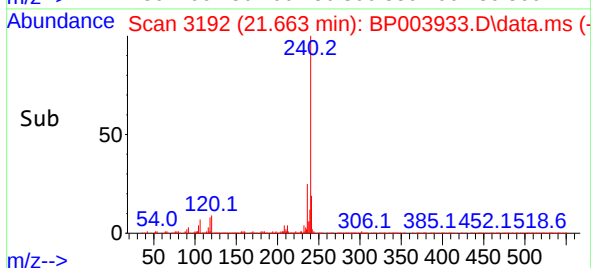
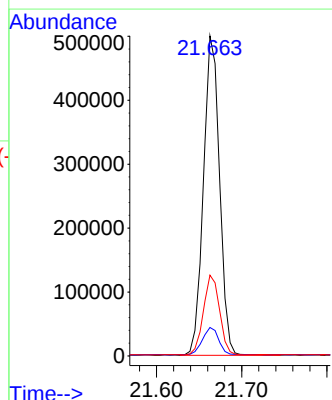
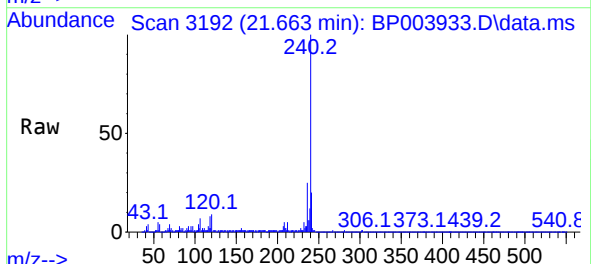
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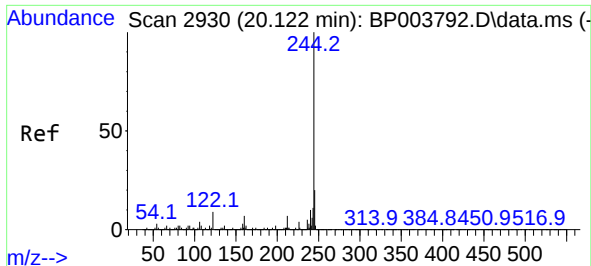
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Ion Ratio Lower Upper  
198 100  
51 975.9 6.4 46.4#  
105 1106.9 18.9 58.9#



#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 21.663 min Scan# 3192  
Delta R.T. 0.006 min  
Lab File: BP003933.D  
Acq: 11 Nov 2020 22:12

Tgt Ion:240 Resp: 656548  
Ion Ratio Lower Upper  
240 100  
120 8.9 7.8 11.6  
236 25.3 20.8 31.2

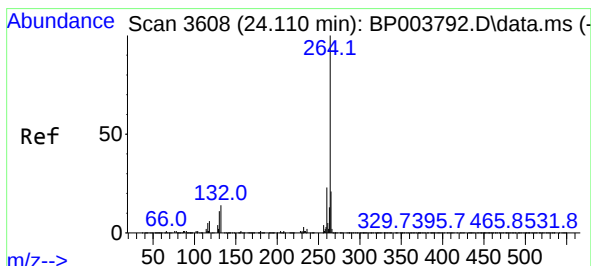
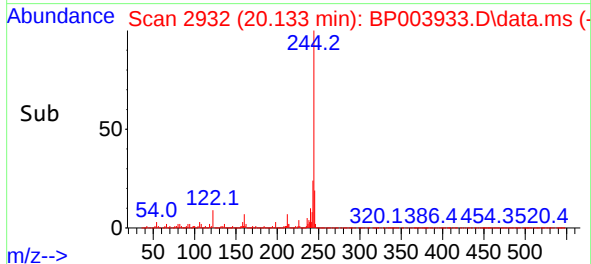
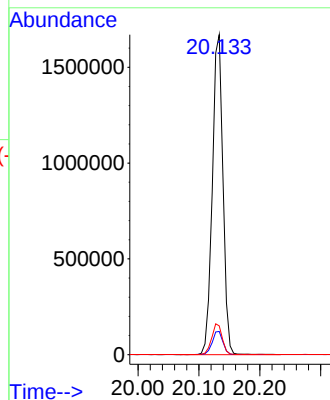
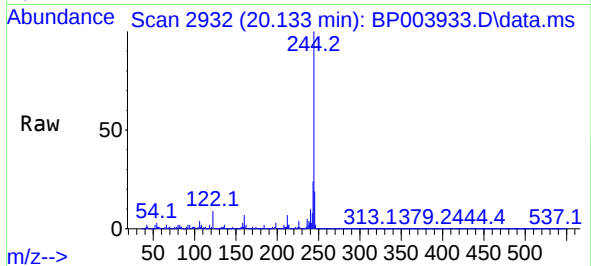




#79  
Terphenyl-d14  
Concen: 59.38 ng  
RT: 20.133 min Scan# 2932  
Delta R.T. 0.006 min  
Lab File: BP003933.D  
Acq: 11 Nov 2020 22:12

Tgt Ion:244 Resp: 2017787

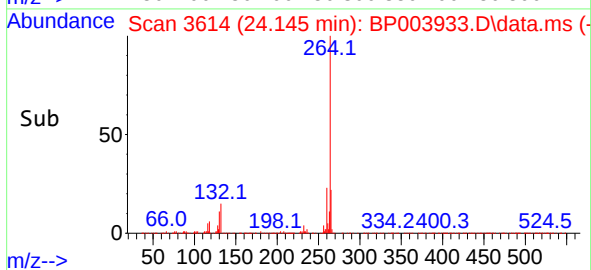
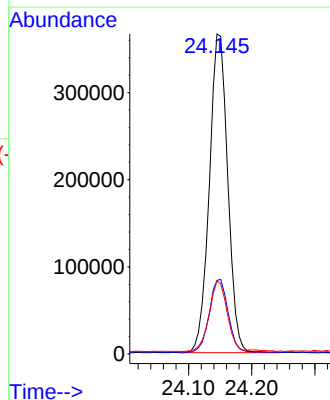
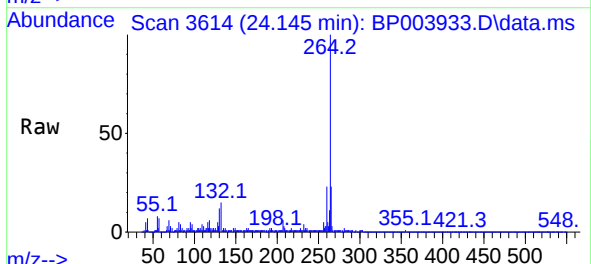
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 7.3   | 5.8   | 8.6   |
| 122 | 9.0   | 7.8   | 11.8  |



#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 24.145 min Scan# 3614  
Delta R.T. 0.018 min  
Lab File: BP003933.D  
Acq: 11 Nov 2020 22:12

Tgt Ion:264 Resp: 741790

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 23.0  | 18.8  | 28.2  |
| 265 | 22.9  | 17.4  | 26.2  |



Instrument :  
BNA\_P  
ClientSampleId :  
PAV-B11-110420-10-15.25