

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP102120\  
 Data File : BP003687.D  
 Acq On : 21 Oct 2020 11:41  
 Operator : CG/JU  
 Sample : PB132413BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB132413BL

Quant Time: Oct 21 12:38:22 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\8270-BP101920.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Oct 19 14:54:24 2020  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.528  | 152  | 147896   | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 11.369 | 136  | 532291   | 20.00  | ng    | # 0.00   |
| 39) Acenaphthene-d10        | 15.122 | 164  | 341026   | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.845 | 188  | 732657   | 20.00  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.851 | 240  | 686194   | 20.00  | ng    | # 0.00   |
| 86) Perylene-d12            | 24.427 | 264  | 610038   | 20.00  | ng    | 0.01     |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 6.022  | 112  | 1183162  | 133.77 | ng    | 0.00     |
| 7) Phenol-d6                | 7.675  | 99   | 1501820  | 120.18 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.693  | 82   | 1061080  | 84.33  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.598 | 330  | 613239   | 115.26 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.757 | 172  | 2333087  | 88.44  | ng    | 0.00     |
| 79) Terphenyl-d14           | 20.310 | 244  | 3334650  | 85.47  | ng    | 0.00     |

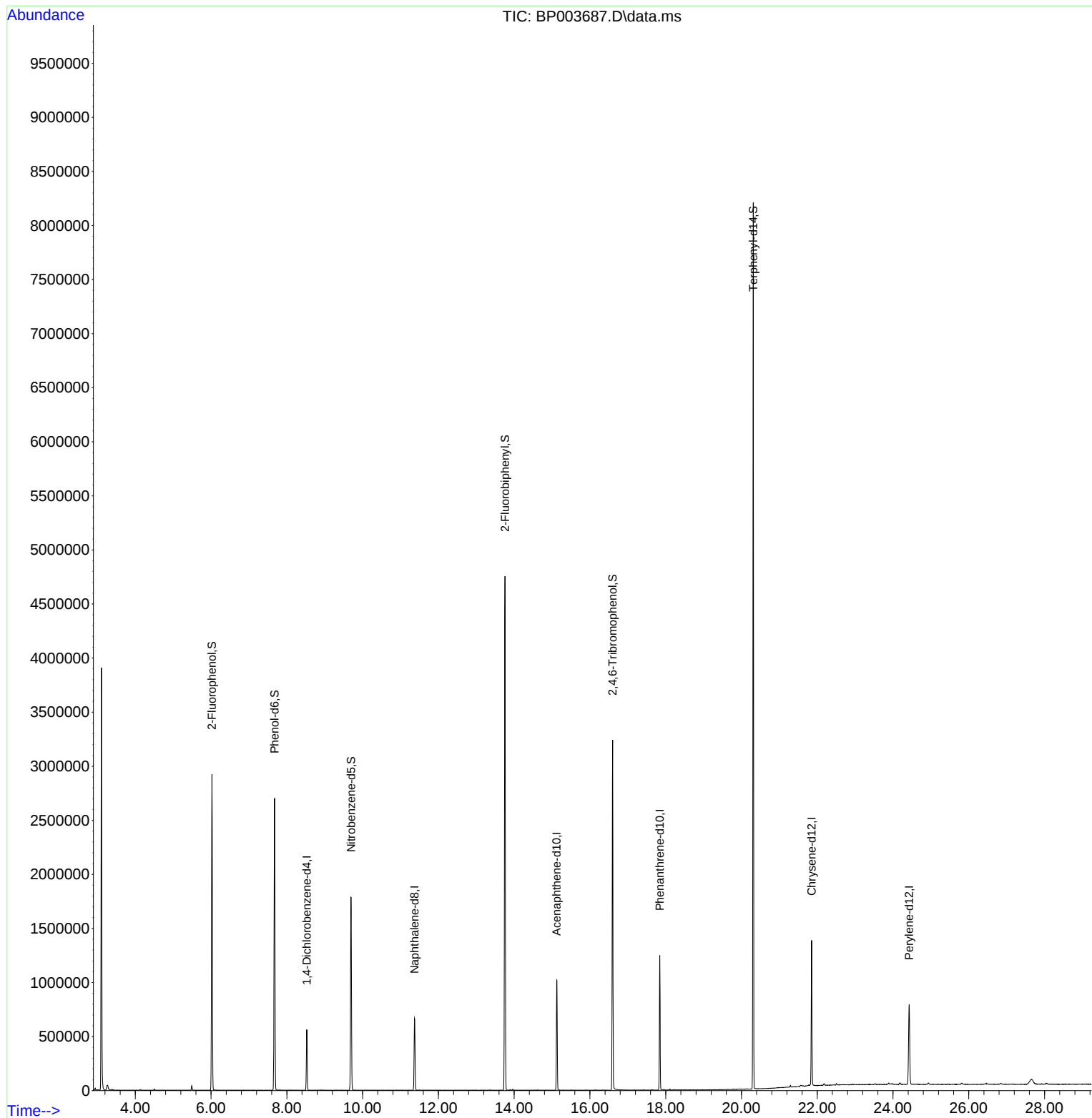
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

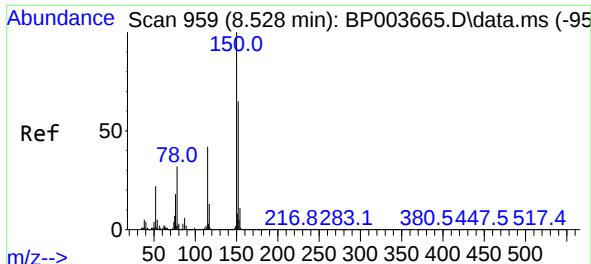
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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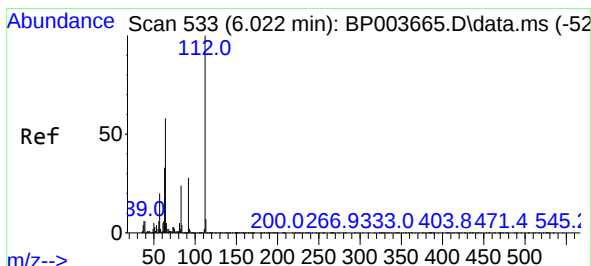
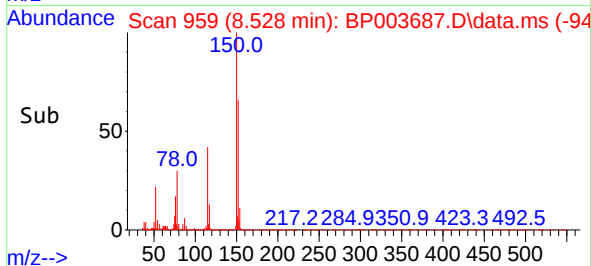
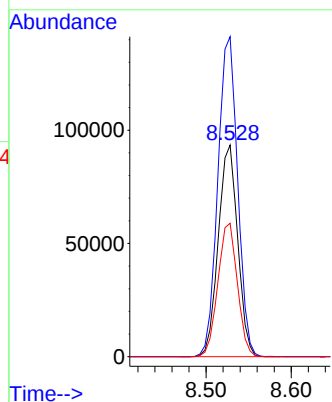
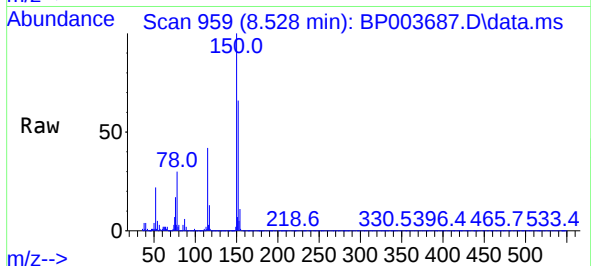




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 8.528 min Scan# 959  
Delta R.T. 0.000 min  
Lab File: BP003687.D  
Acq: 21 Oct 2020 11:41

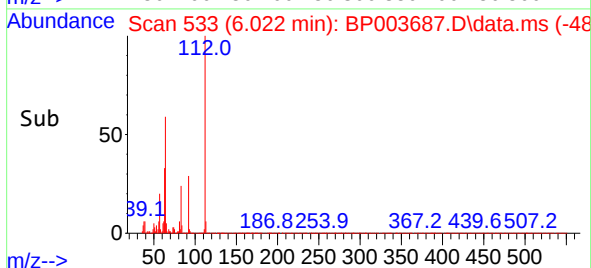
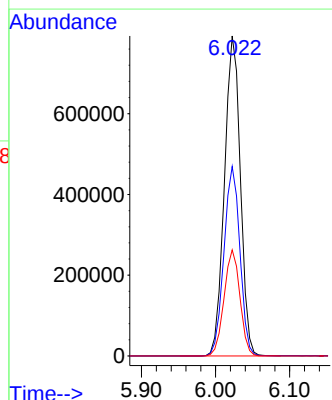
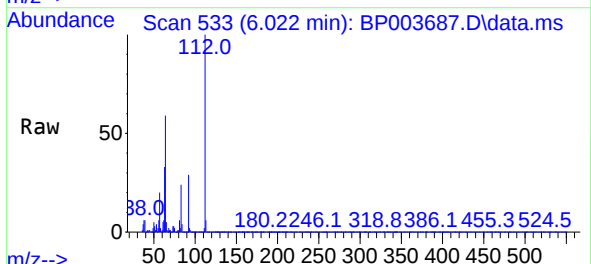
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BNA\_P  
ClientSampleId :  
PB132413BL

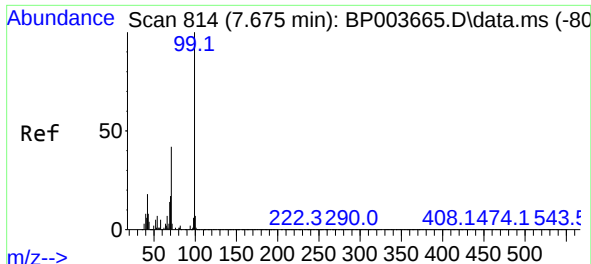
Tgt Ion:152 Resp: 147896  
Ion Ratio Lower Upper  
152 100  
150 151.2 123.8 185.6  
115 63.1 43.8 65.6



#5  
2-Fluorophenol  
Concen: 133.77 ng  
RT: 6.022 min Scan# 533  
Delta R.T. 0.000 min  
Lab File: BP003687.D  
Acq: 21 Oct 2020 11:41

Tgt Ion:112 Resp: 1183162  
Ion Ratio Lower Upper  
112 100  
64 59.2 32.8 49.2#  
63 33.2 17.0 25.4#

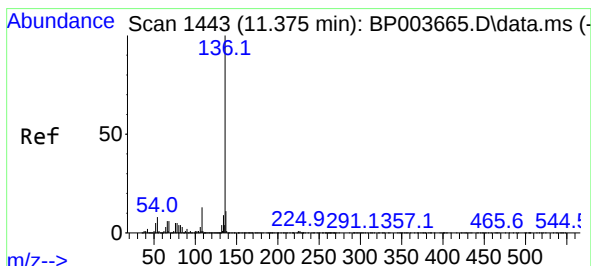
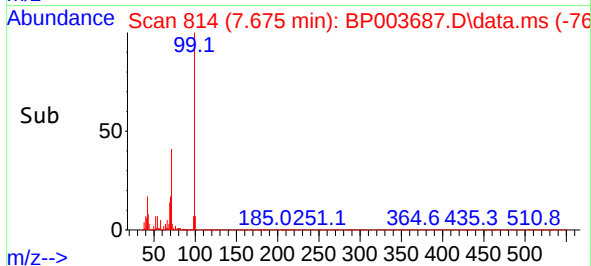
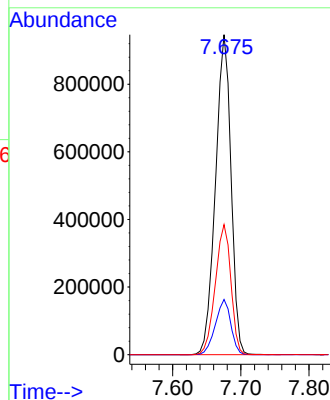
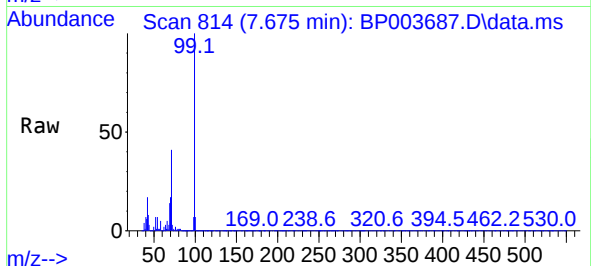




#7  
Phenol-d6  
Concen: 120.18 ng  
RT: 7.675 min Scan# 814  
Delta R.T. 0.000 min  
Lab File: BP003687.D  
Acq: 21 Oct 2020 11:41

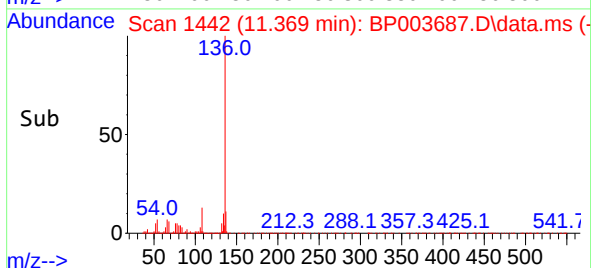
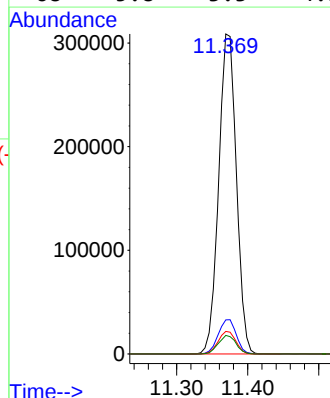
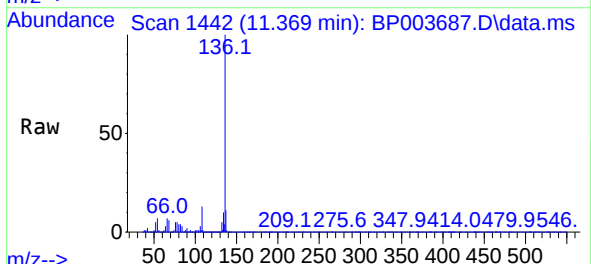
Instrument :  
BNA\_P  
ClientSampleId :  
PB132413BL

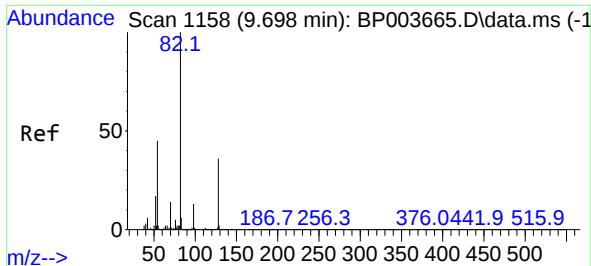
Tgt Ion: 99 Resp: 1501820  
Ion Ratio Lower Upper  
99 100  
42 17.2 8.6 13.0#  
71 40.7 23.4 35.2#



#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 11.369 min Scan# 1442  
Delta R.T. -0.006 min  
Lab File: BP003687.D  
Acq: 21 Oct 2020 11:41

Tgt Ion: 136 Resp: 532291  
Ion Ratio Lower Upper  
136 100  
137 10.7 8.6 13.0  
54 7.1 3.6 5.4#  
68 5.8 3.3 4.9#

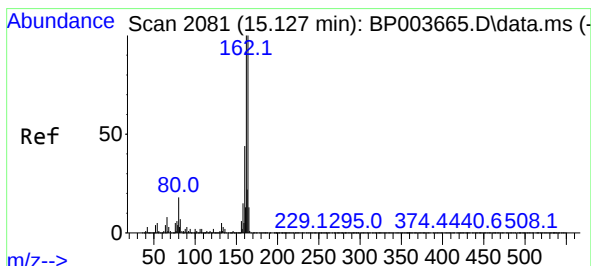
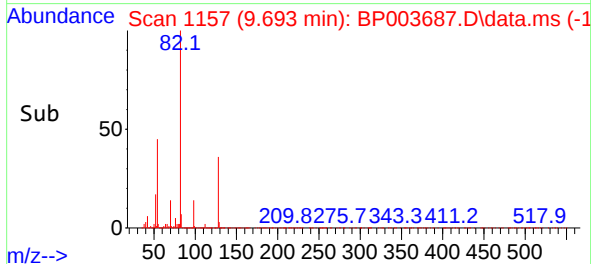
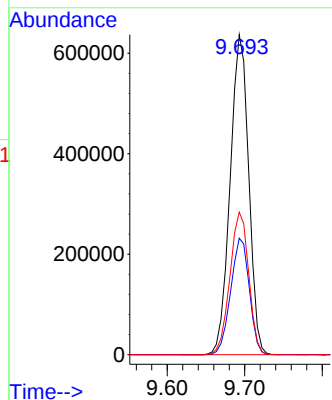
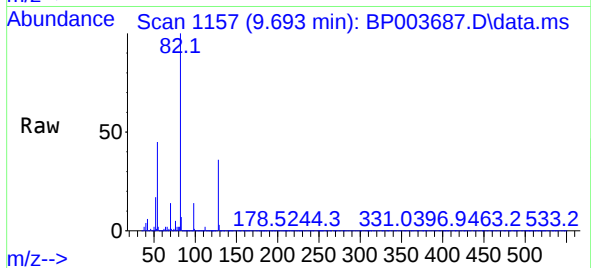




#23  
Nitrobenzene-d5  
Concen: 84.33 ng  
RT: 9.693 min Scan# 1157  
Delta R.T. -0.005 min  
Lab File: BP003687.D  
Acq: 21 Oct 2020 11:41

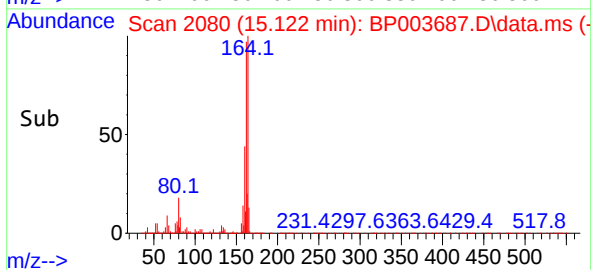
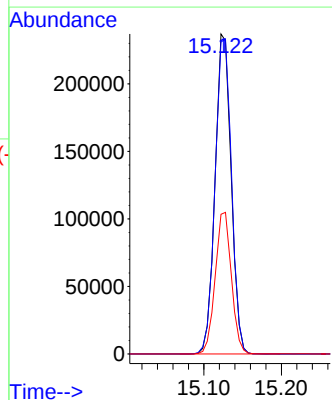
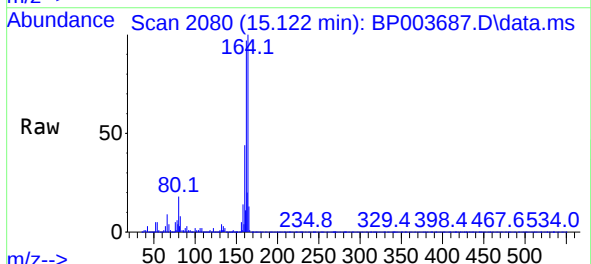
Instrument :  
BNA\_P  
ClientSampleId :  
PB132413BL

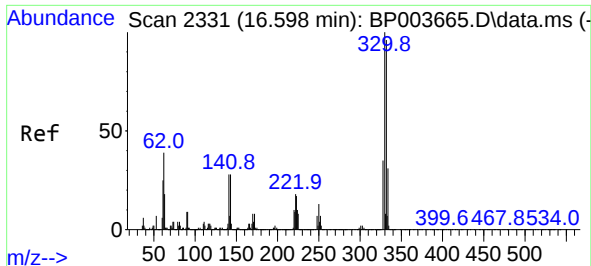
Tgt Ion: 82 Resp: 1061080  
Ion Ratio Lower Upper  
82 100  
128 36.4 45.6 68.4#  
54 44.6 30.1 45.1



#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 15.122 min Scan# 2080  
Delta R.T. -0.005 min  
Lab File: BP003687.D  
Acq: 21 Oct 2020 11:41

Tgt Ion: 164 Resp: 341026  
Ion Ratio Lower Upper  
164 100  
162 97.5 79.4 119.2  
160 43.7 36.1 54.1

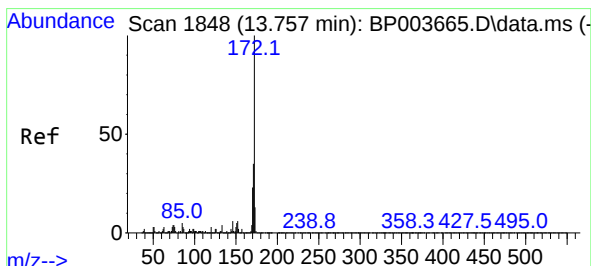
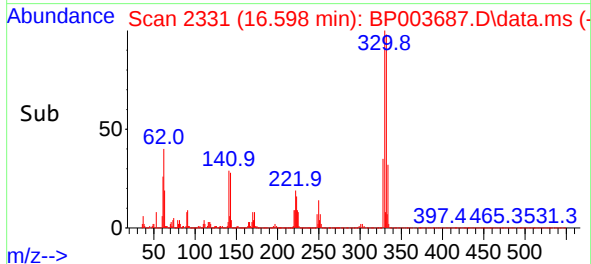
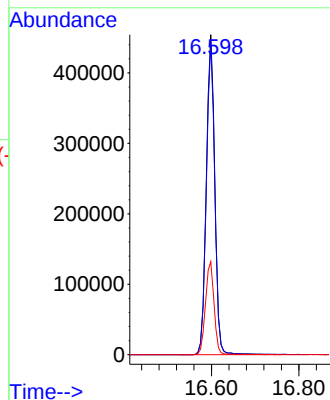
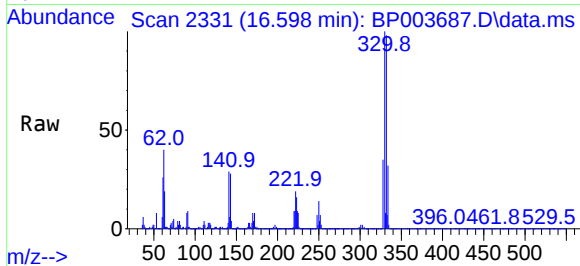




#42  
2,4,6-Tribromophenol  
Concen: 115.26 ng  
RT: 16.598 min Scan# 2331  
Delta R.T. 0.000 min  
Lab File: BP003687.D  
Acq: 21 Oct 2020 11:41

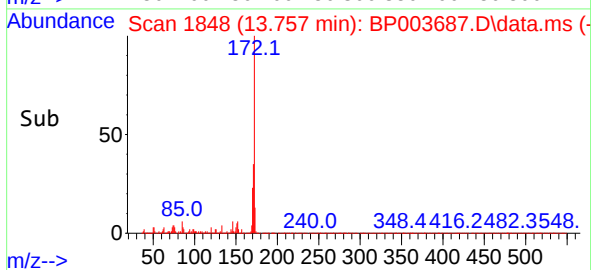
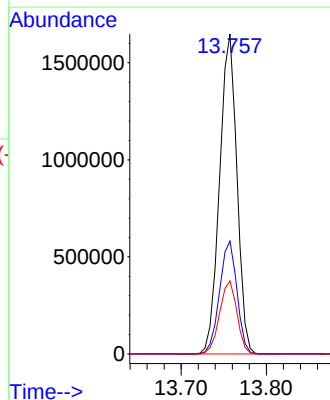
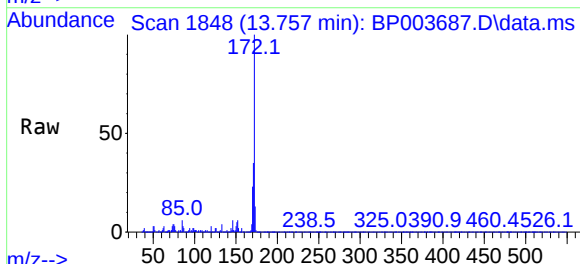
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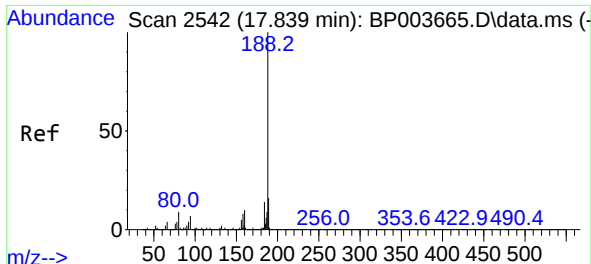
Tgt Ion:330 Resp: 613239  
Ion Ratio Lower Upper  
330 100  
332 96.5 77.1 115.7  
141 29.5 23.4 35.2



#45  
2-Fluorobiphenyl  
Concen: 88.44 ng  
RT: 13.757 min Scan# 1848  
Delta R.T. 0.000 min  
Lab File: BP003687.D  
Acq: 21 Oct 2020 11:41

Tgt Ion:172 Resp: 2333087  
Ion Ratio Lower Upper  
172 100  
171 35.3 28.5 42.7  
170 22.9 19.2 28.8

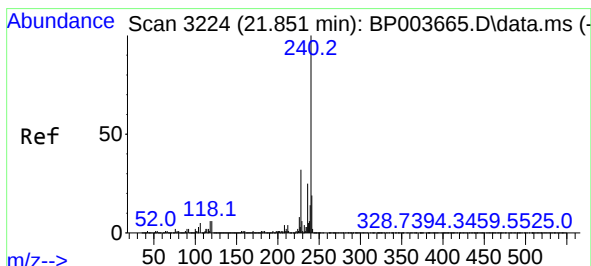
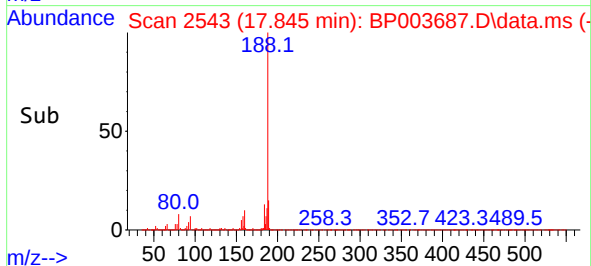
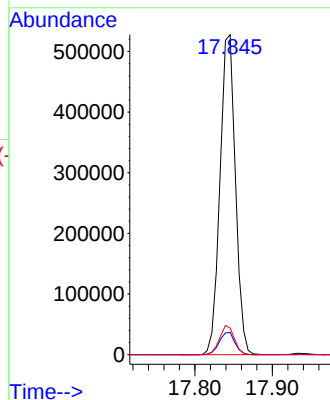
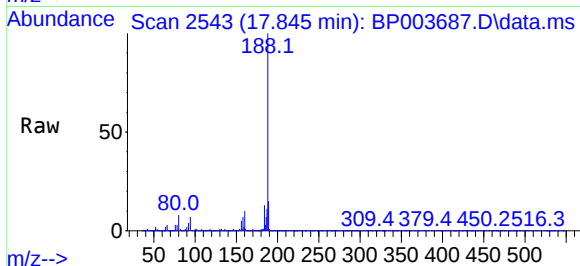




#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.845 min Scan# 2543  
Delta R.T. 0.006 min  
Lab File: BP003687.D  
Acq: 21 Oct 2020 11:41

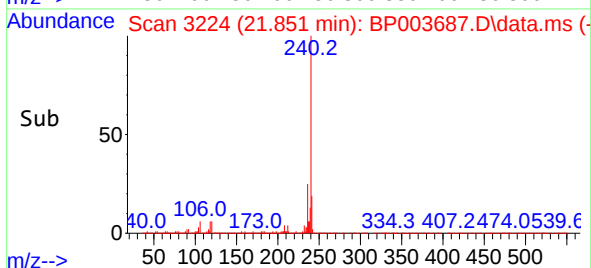
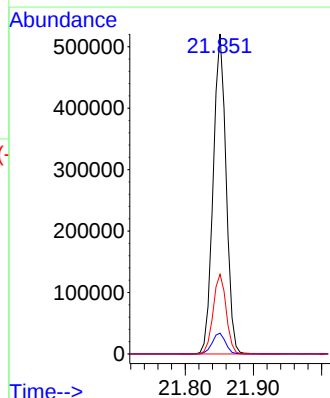
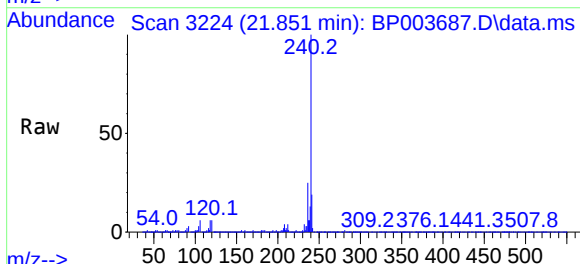
Instrument :  
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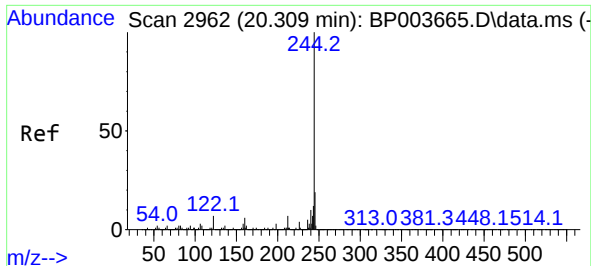
Tgt Ion:188 Resp: 732657  
Ion Ratio Lower Upper  
188 100  
94 7.0 6.2 9.2  
80 8.4 6.2 9.2



#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 21.851 min Scan# 3224  
Delta R.T. 0.000 min  
Lab File: BP003687.D  
Acq: 21 Oct 2020 11:41

Tgt Ion:240 Resp: 686194  
Ion Ratio Lower Upper  
240 100  
120 6.5 7.8 11.6#  
236 24.9 20.8 31.2

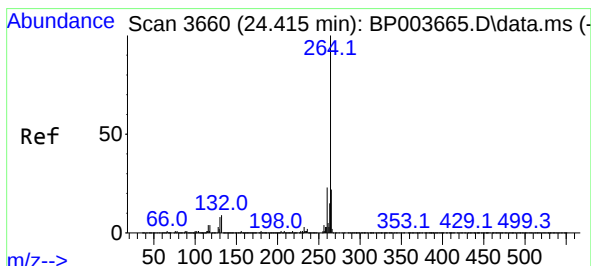
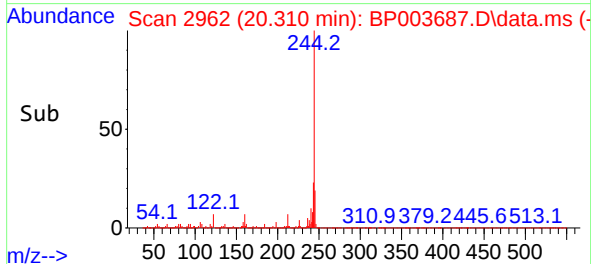
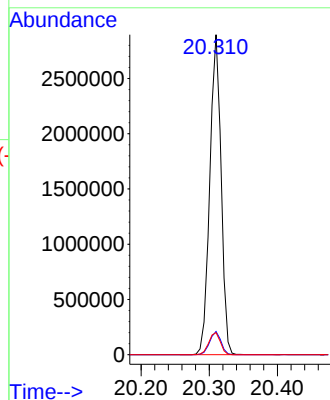
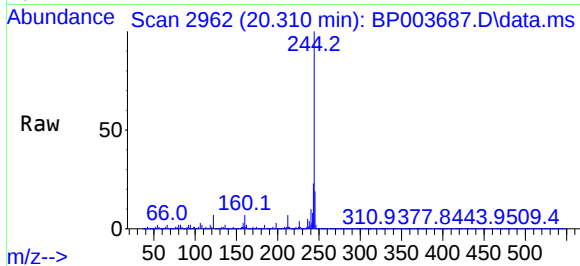




#79  
Terphenyl-d14  
Concen: 85.47 ng  
RT: 20.310 min Scan# 2962  
Delta R.T. 0.000 min  
Lab File: BP003687.D  
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Instrument :  
BNA\_P  
ClientSampleId :  
PB132413BL

Tgt Ion:244 Resp: 3334650  
Ion Ratio Lower Upper  
244 100  
212 7.2 5.8 8.6  
122 6.9 7.8 11.8#



#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 24.427 min Scan# 3662  
Delta R.T. 0.012 min  
Lab File: BP003687.D  
Acq: 21 Oct 2020 11:41

Tgt Ion:264 Resp: 610038  
Ion Ratio Lower Upper  
264 100  
260 23.4 18.8 28.2  
265 21.4 17.4 26.2

