

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM110320\  
 Data File : BM027682.D  
 Acq On : 03 Nov 2020 10:08  
 Operator : JU/CG  
 Sample : PB132413BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB132413BL

Quant Time: Nov 03 10:51:29 2020  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM103020.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Oct 30 17:56:42 2020  
 Response via : Initial Calibration

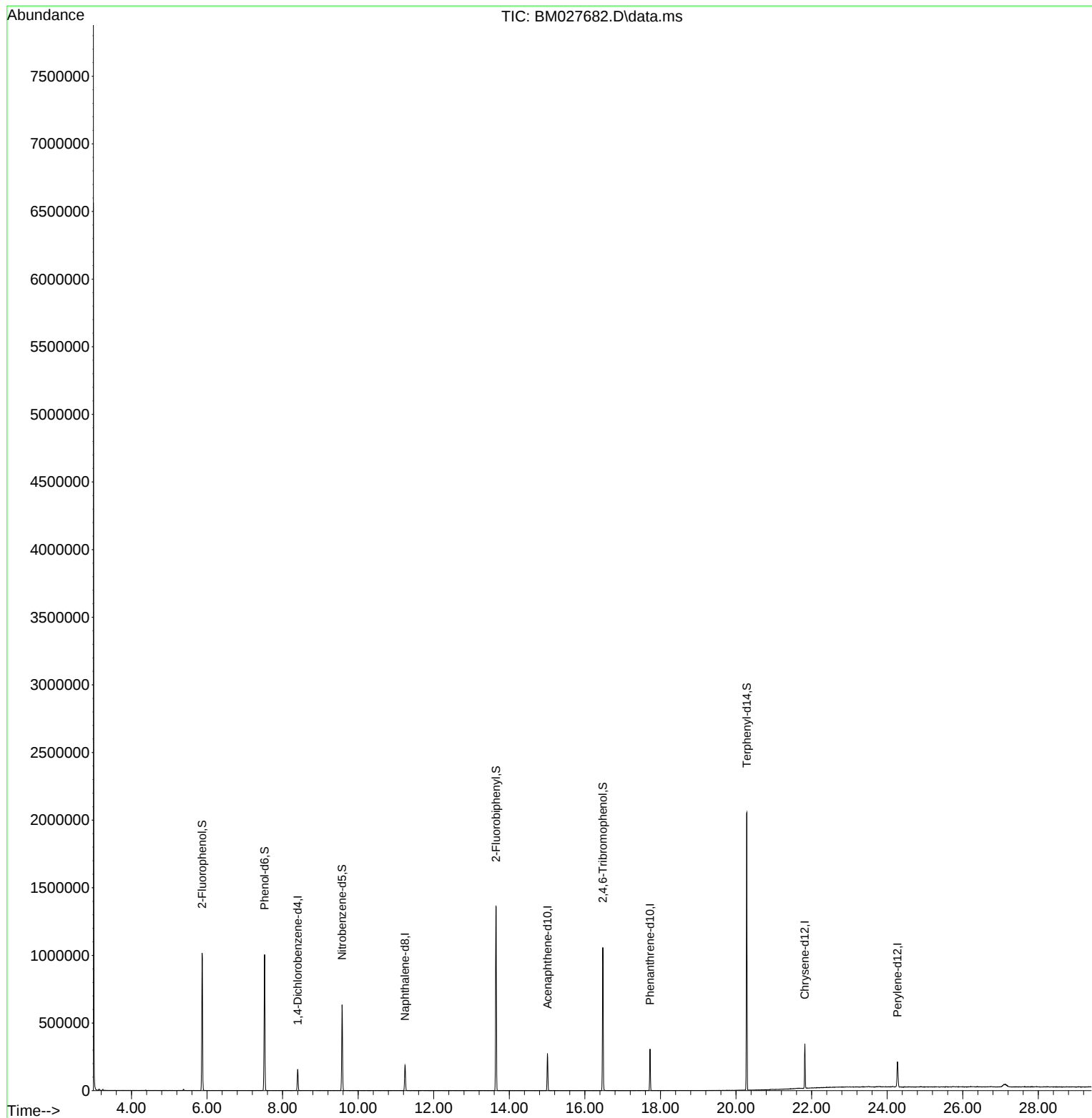
| Compound                    | R.T.   | QIon | Response | Conc      | Units | Dev(Min) |
|-----------------------------|--------|------|----------|-----------|-------|----------|
| -----                       |        |      |          |           |       |          |
| Internal Standards          |        |      |          |           |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.398  | 152  | 36322    | 20.00     | ng    | 0.00     |
| 21) Naphthalene-d8          | 11.239 | 136  | 143900   | 20.00     | ng    | # 0.00   |
| 39) Acenaphthene-d10        | 15.010 | 164  | 84664    | 20.00     | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.727 | 188  | 173867   | 20.00     | ng    | 0.00     |
| 76) Chrysene-d12            | 21.821 | 240  | 149072   | 20.00     | ng    | 0.00     |
| 86) Perylene-d12            | 24.274 | 264  | 140372   | 20.00     | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |           |       |          |
| 5) 2-Fluorophenol           | 5.869  | 112  | 364971   | 158.77    | ng    | 0.00     |
| 7) Phenol-d6                | 7.522  | 99   | 469519   | 145.32    | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.575  | 82   | 335470   | 106.35    | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.474 | 330  | 154818   | 153.14    | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.651 | 172  | 643707   | 108.49    | ng    | 0.00     |
| 79) Terphenyl-d14           | 20.286 | 244  | 806175   | 106.68    | ng    | 0.00     |
| Target Compounds            |        |      |          |           |       |          |
| 9) Benzaldehyde             | 7.528  | 77   | 1189     | Below Cal | #     | Qvalue 9 |
| -----                       |        |      |          |           |       |          |

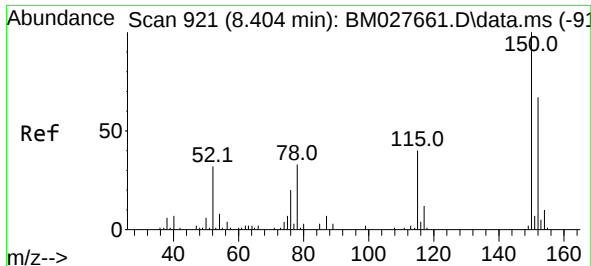
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM103020.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Oct 30 17:56:42 2020  
Response via : Initial Calibration

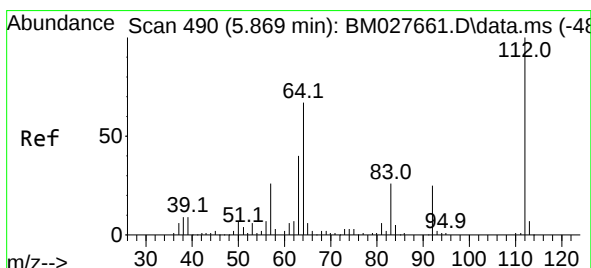
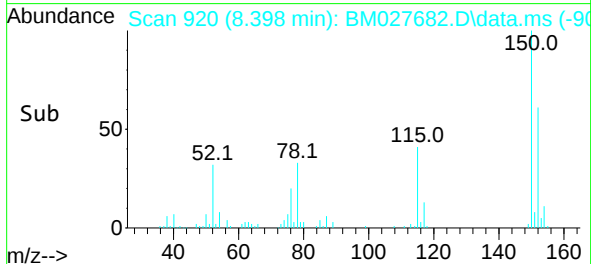
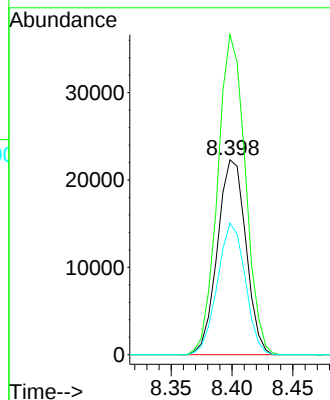
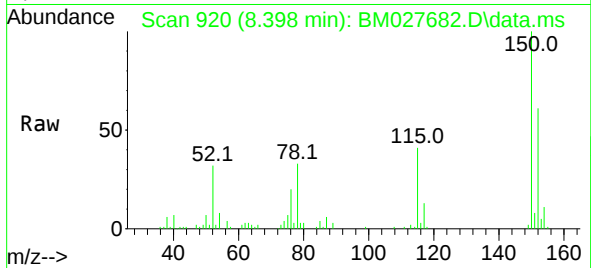




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 8.398 min Scan# 920  
Delta R.T. -0.006 min  
Lab File: BM027682.D  
Acq: 03 Nov 2020 10:08

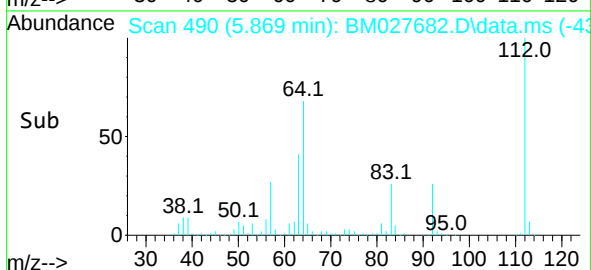
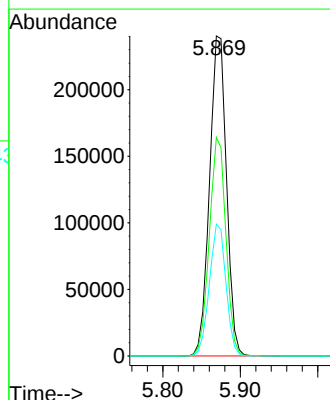
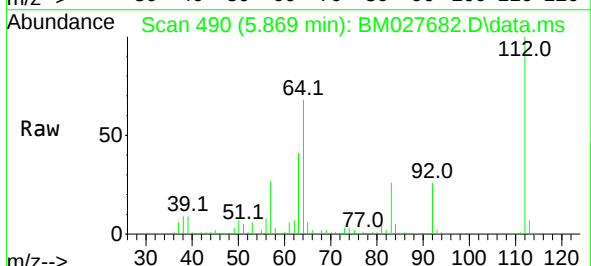
Instrument :  
BNA\_M  
ClientSampleId :  
PB132413BL

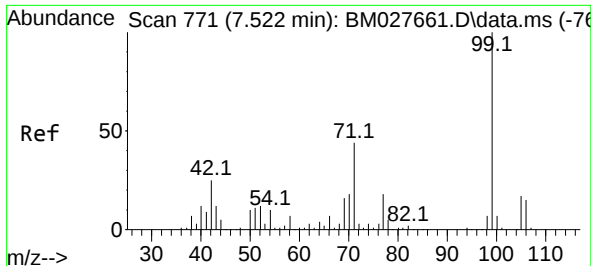
Tgt Ion:152 Resp: 36322  
Ion Ratio Lower Upper  
152 100  
150 164.2 120.6 181.0  
115 67.5 47.2 70.8



#5  
2-Fluorophenol  
Concen: 158.77 ng  
RT: 5.869 min Scan# 490  
Delta R.T. 0.000 min  
Lab File: BM027682.D  
Acq: 03 Nov 2020 10:08

Tgt Ion:112 Resp: 364971  
Ion Ratio Lower Upper  
112 100  
64 68.3 50.6 76.0  
63 41.2 31.0 46.6

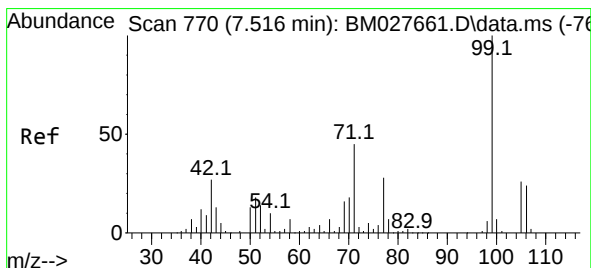
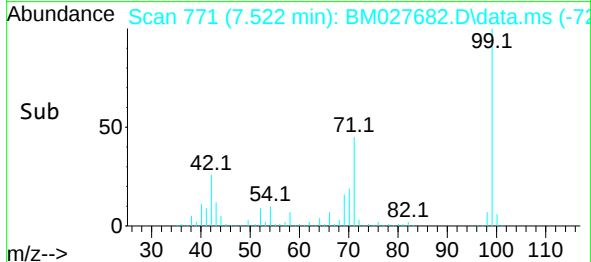
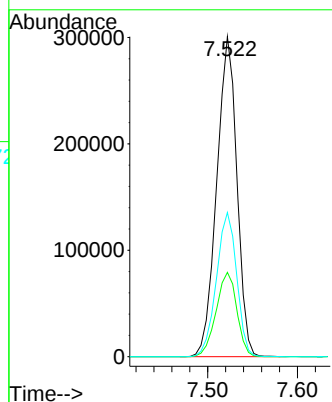
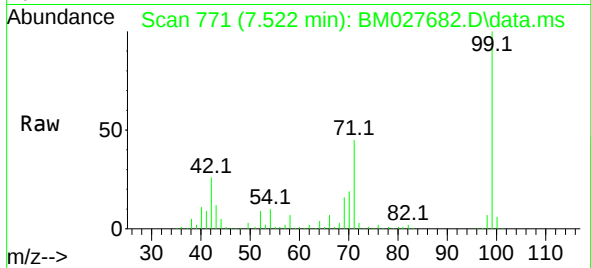




#7  
Phenol-d6  
Concen: 145.32 ng  
RT: 7.522 min Scan# 771  
Delta R.T. 0.000 min  
Lab File: BM027682.D  
Acq: 03 Nov 2020 10:08

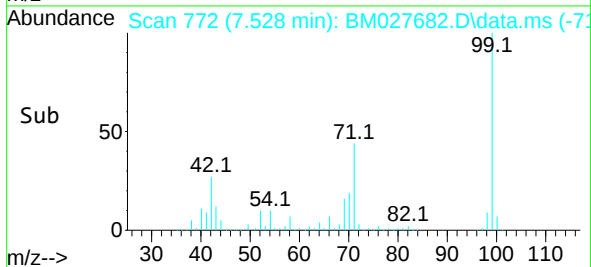
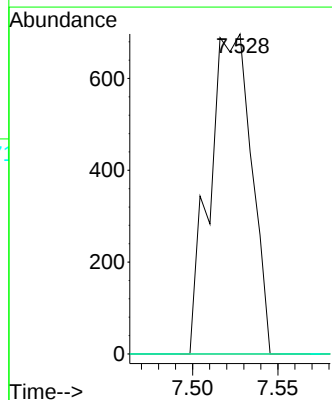
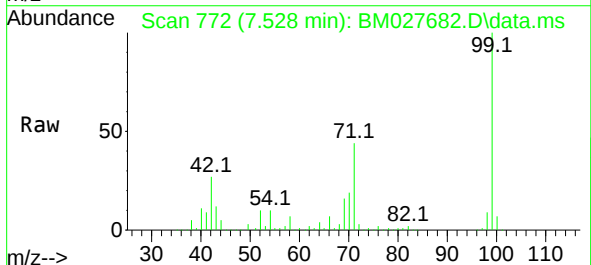
Instrument :  
BNA\_M  
ClientSampleId :  
PB132413BL

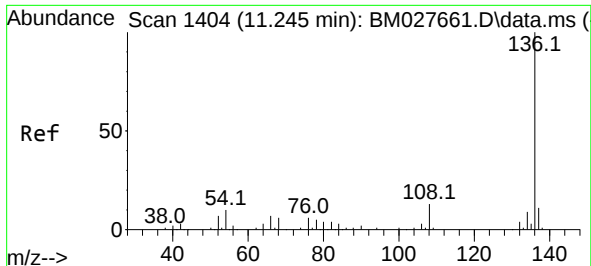
Tgt Ion: 99 Resp: 469519  
Ion Ratio Lower Upper  
99 100  
42 26.4 13.5 20.3#  
71 45.0 39.4 59.0



#9  
Benzaldehyde  
Concen: Below Cal  
RT: 7.528 min Scan# 772  
Delta R.T. 0.012 min  
Lab File: BM027682.D  
Acq: 03 Nov 2020 10:08

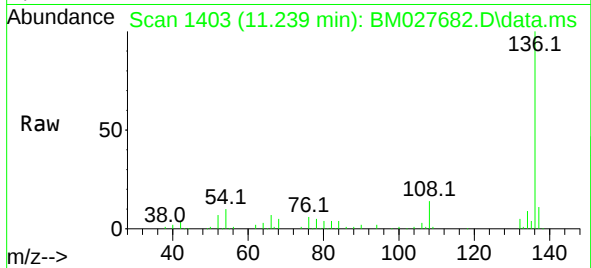
Tgt Ion: 77 Resp: 1189  
Ion Ratio Lower Upper  
77 100  
105 0.0 64.7 104.7#  
106 0.0 57.5 97.5#



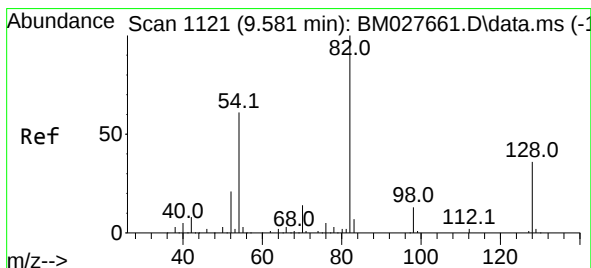
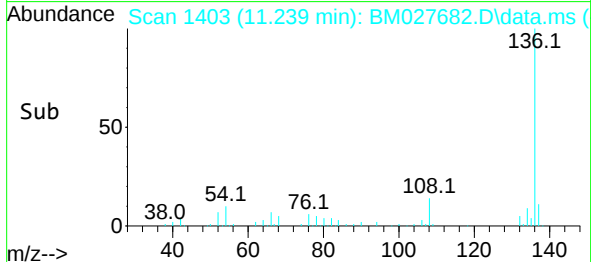
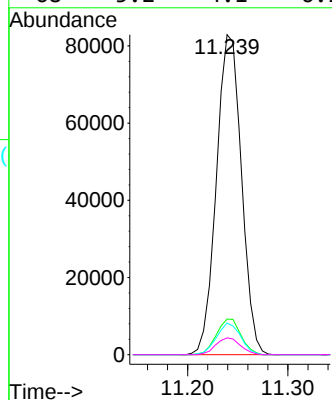


#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 11.239 min Scan# 1403  
Delta R.T. -0.006 min  
Lab File: BM027682.D  
Acq: 03 Nov 2020 10:08

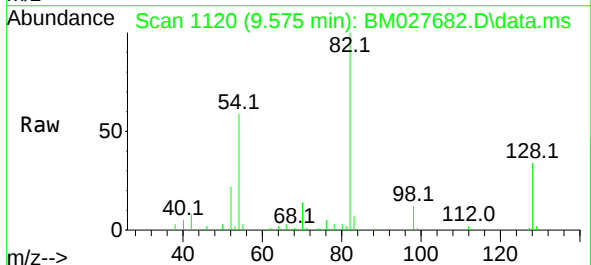
Instrument :  
BNA\_M  
ClientSampleId :  
PB132413BL



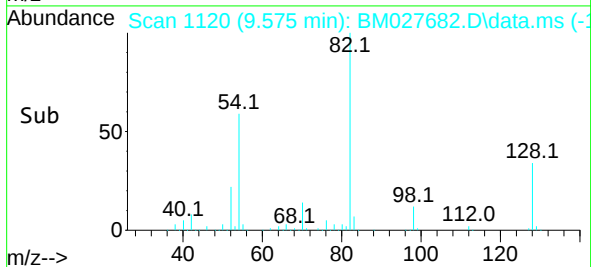
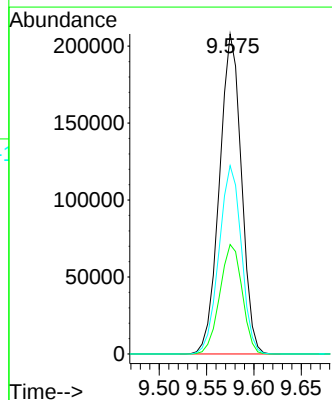
Tgt Ion:136 Resp: 143900  
Ion Ratio Lower Upper  
136 100  
137 11.2 8.6 12.8  
54 9.9 4.6 7.0#  
68 5.2 4.1 6.1

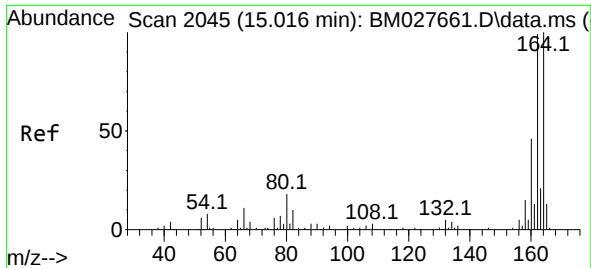


#23  
Nitrobenzene-d5  
Concen: 106.35 ng  
RT: 9.575 min Scan# 1120  
Delta R.T. -0.006 min  
Lab File: BM027682.D  
Acq: 03 Nov 2020 10:08



Tgt Ion: 82 Resp: 335470  
Ion Ratio Lower Upper  
82 100  
128 34.2 27.4 41.0  
54 58.9 31.4 47.0#

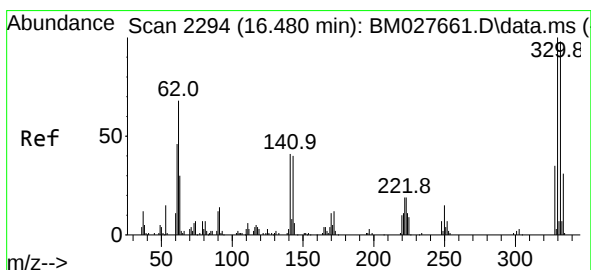
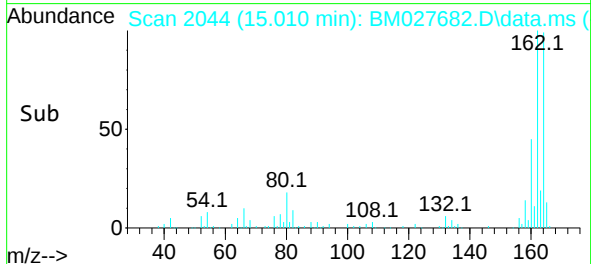
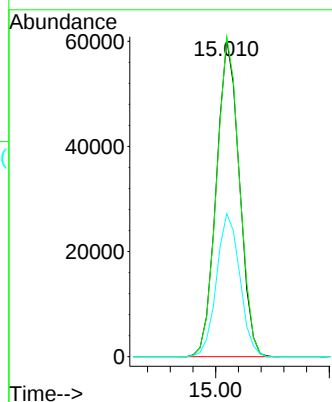
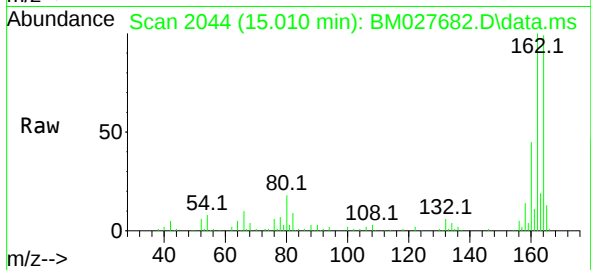




#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 15.010 min Scan# 2044  
Delta R.T. -0.006 min  
Lab File: BM027682.D  
Acq: 03 Nov 2020 10:08

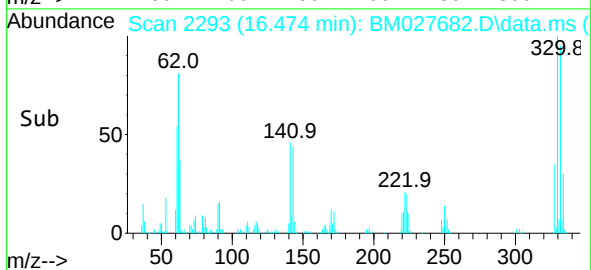
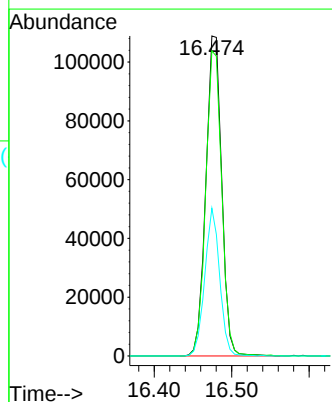
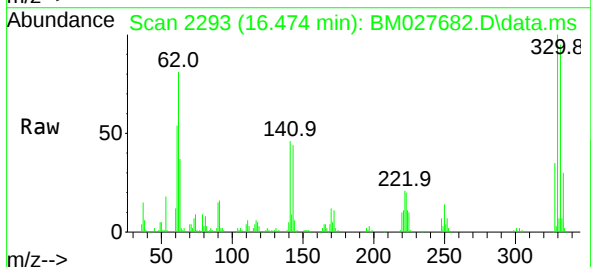
Instrument :  
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ClientSampleId :  
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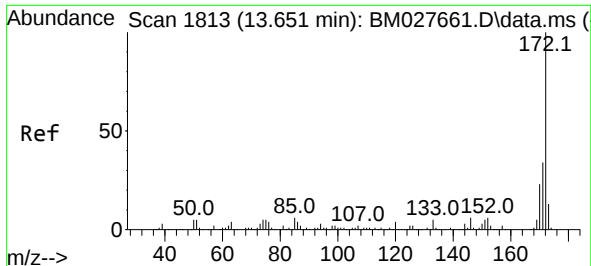
Tgt Ion:164 Resp: 84664  
Ion Ratio Lower Upper  
164 100  
162 100.9 80.4 120.6  
160 45.1 35.9 53.9



#42  
2,4,6-Tribromophenol  
Concen: 153.14 ng  
RT: 16.474 min Scan# 2293  
Delta R.T. -0.006 min  
Lab File: BM027682.D  
Acq: 03 Nov 2020 10:08

Tgt Ion:330 Resp: 154818  
Ion Ratio Lower Upper  
330 100  
332 96.3 77.8 116.8  
141 43.3 28.4 42.6#

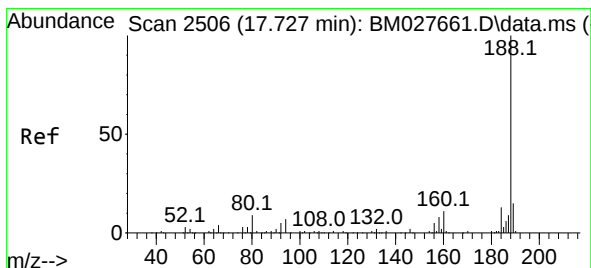
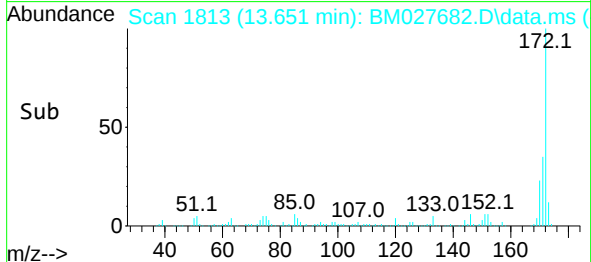
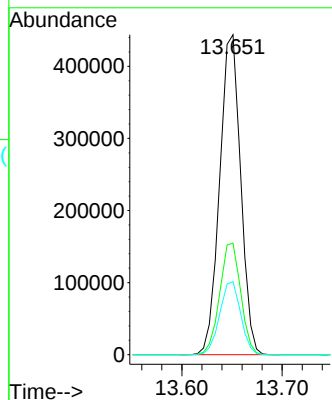
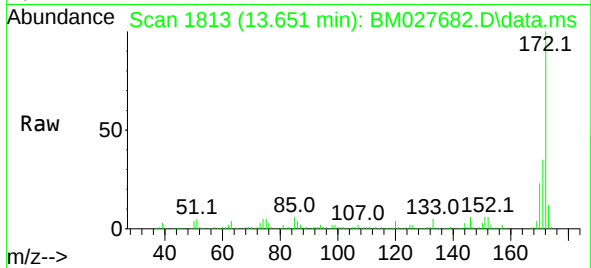




#45  
2-Fluorobiphenyl  
Concen: 108.49 ng  
RT: 13.651 min Scan# 1813  
Delta R.T. -0.000 min  
Lab File: BM027682.D  
Acq: 03 Nov 2020 10:08

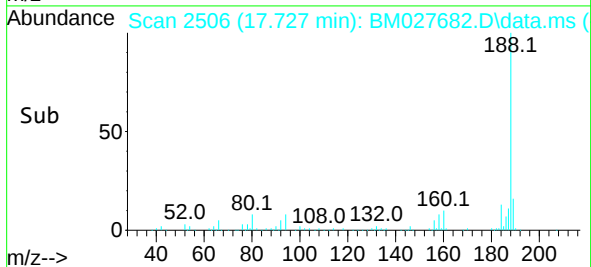
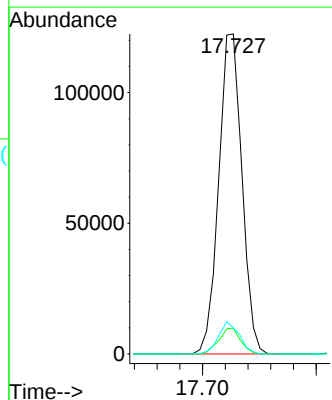
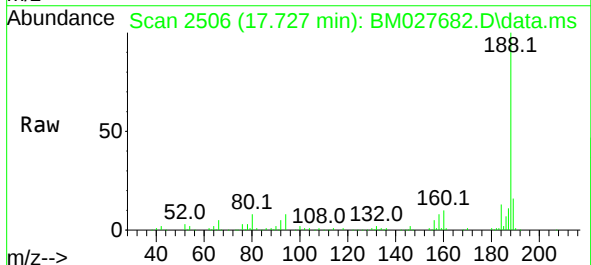
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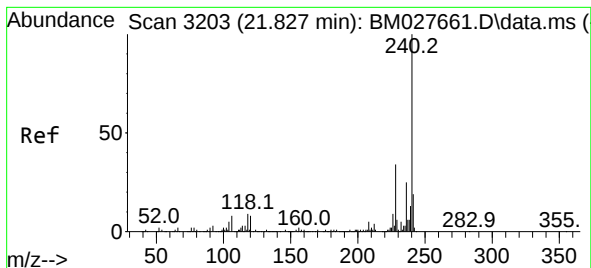
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 172   | Resp: | 643707 |
| Ion      | Ratio | Lower | Upper  |
| 172      | 100   |       |        |
| 171      | 34.8  | 27.8  | 41.8   |
| 170      | 22.8  | 18.6  | 27.8   |



#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.727 min Scan# 2506  
Delta R.T. 0.000 min  
Lab File: BM027682.D  
Acq: 03 Nov 2020 10:08

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 188   | Resp: | 173867 |
| Ion      | Ratio | Lower | Upper  |
| 188      | 100   |       |        |
| 94       | 8.1   | 6.2   | 9.4    |
| 80       | 8.3   | 7.5   | 11.3   |

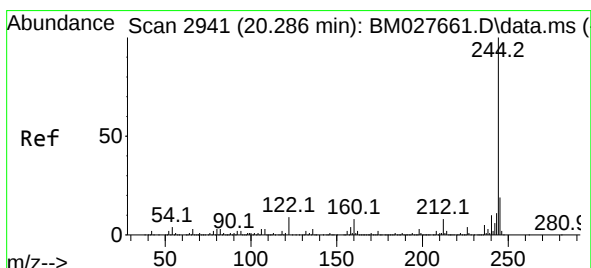
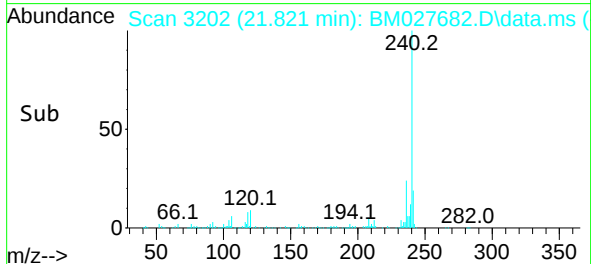
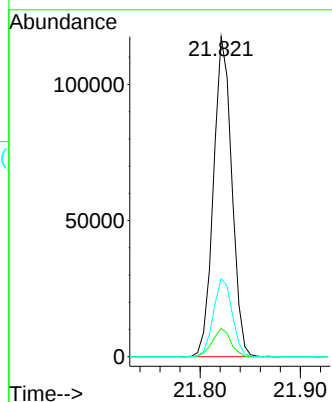
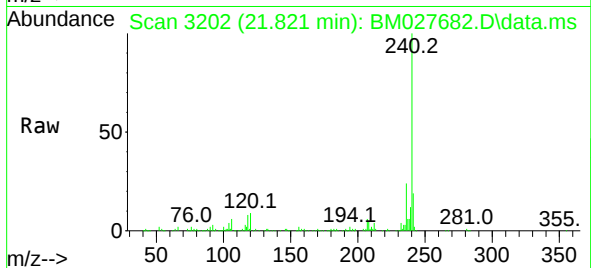




#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 21.821 min Scan# 3202  
Delta R.T. -0.006 min  
Lab File: BM027682.D  
Acq: 03 Nov 2020 10:08

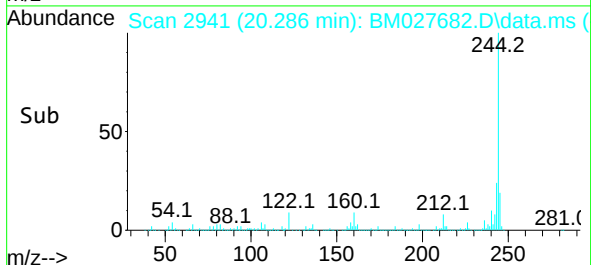
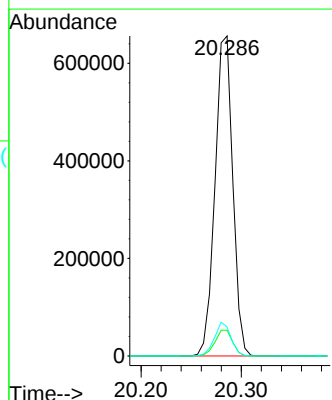
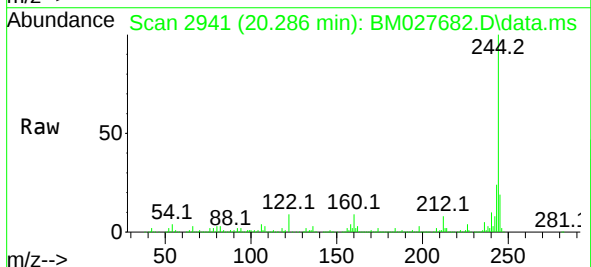
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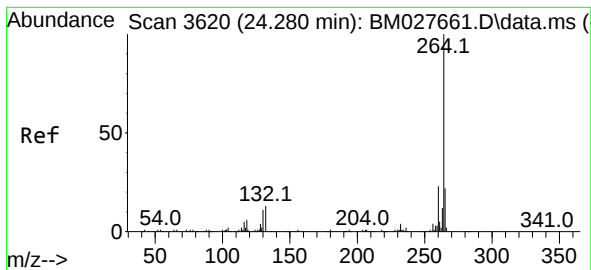
Tgt Ion:240 Resp: 149072  
Ion Ratio Lower Upper  
240 100  
120 8.9 6.4 9.6  
236 24.3 20.1 30.1



#79  
Terphenyl-d14  
Concen: 106.68 ng  
RT: 20.286 min Scan# 2941  
Delta R.T. 0.000 min  
Lab File: BM027682.D  
Acq: 03 Nov 2020 10:08

Tgt Ion:244 Resp: 806175  
Ion Ratio Lower Upper  
244 100  
212 8.0 5.8 8.8  
122 9.1 6.5 9.7





#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 24.274 min Scan# 3619  
 Delta R.T. -0.006 min  
 Lab File: BM027682.D  
 Acq: 03 Nov 2020 10:08

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB132413BL

Tgt Ion:264 Resp: 140372  
 Ion Ratio Lower Upper  
 264 100  
 260 24.2 19.0 28.4  
 265 20.4 17.7 26.5

