

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM090221\  
 Data File : BM032034.D  
 Acq On : 03 Sep 2021 00:56  
 Operator : CG/JU  
 Sample : M3610-01  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 YORK-ST-MH-1

Quant Time: Sep 03 06:38:36 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM090221.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Sep 02 19:37:10 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.493  | 152  | 66626    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.251 | 136  | 248624   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.133 | 164  | 165272   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 16.892 | 188  | 349922   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12            | 21.092 | 240  | 377636   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12            | 23.227 | 264  | 416399   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.134  | 112  | 133785   | 34.468 | ng    | 0.00     |
| 7) Phenol-d6                | 6.693  | 99   | 96364    | 18.750 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 8.645  | 82   | 407267   | 78.870 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 15.639 | 330  | 147252   | 66.467 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 12.745 | 172  | 950797   | 75.294 | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.539 | 244  | 1556020  | 76.194 | ng    | 0.00     |

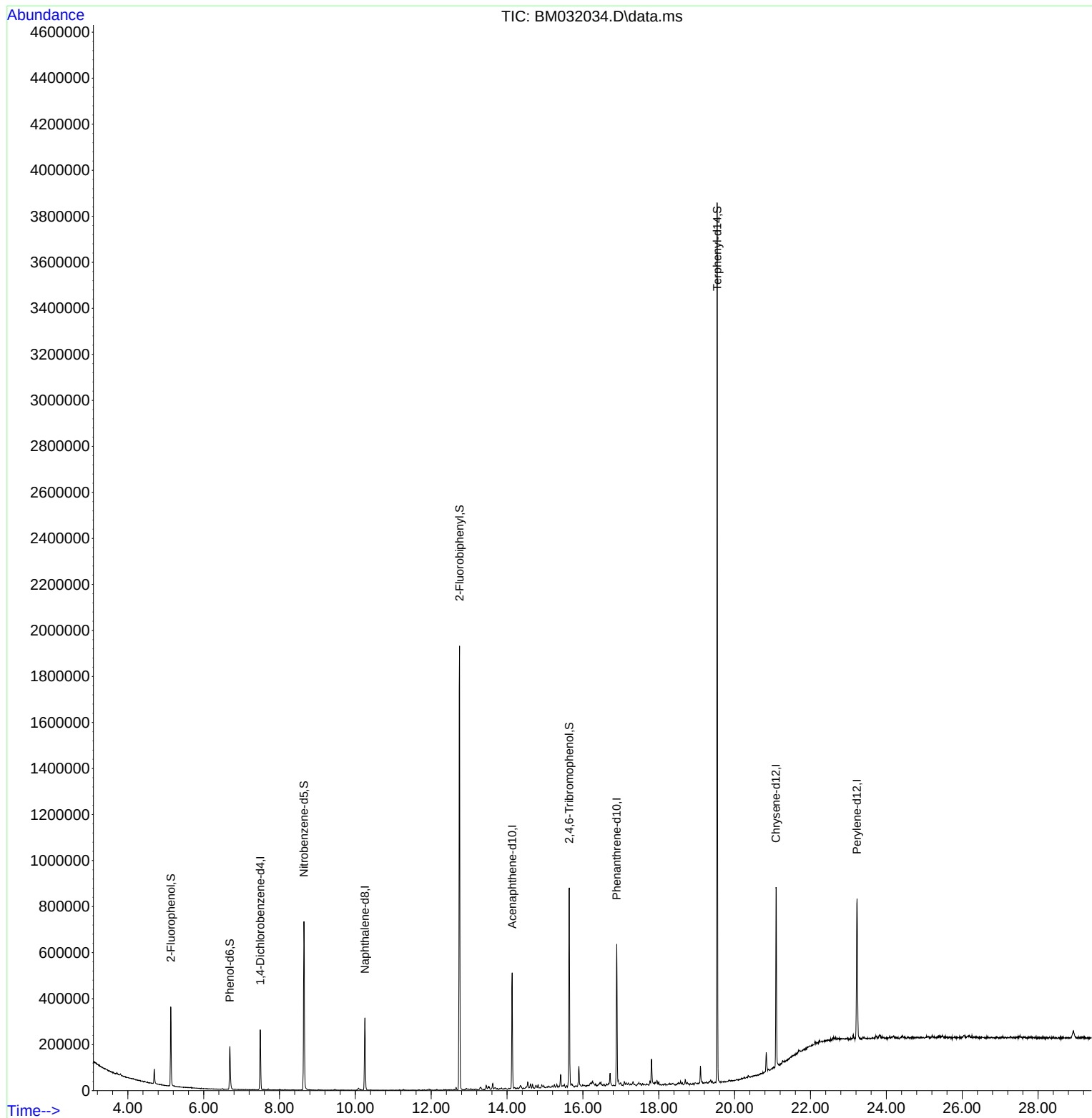
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

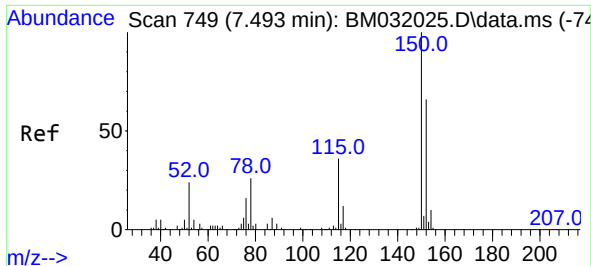
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : M3610-01  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

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Quant Time: Sep 03 06:38:36 2021  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM090221.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Sep 02 19:37:10 2021  
Response via : Initial Calibration

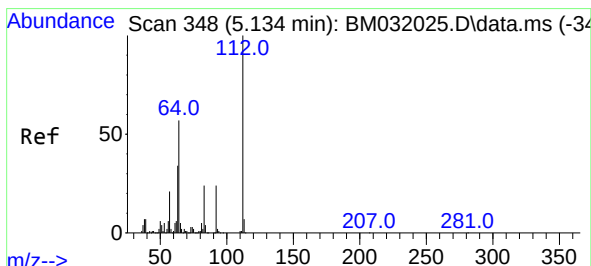
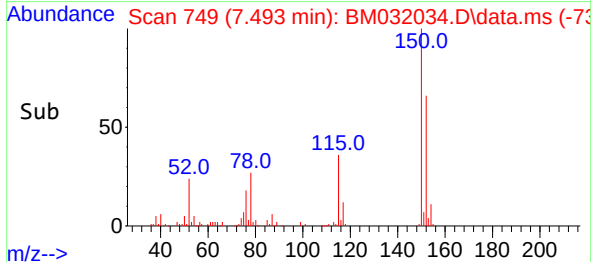
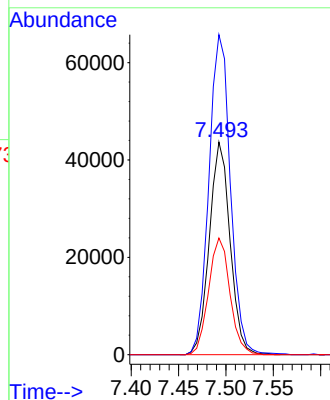
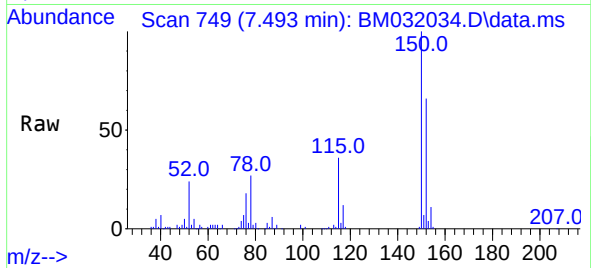




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.493 min Scan# 749  
Delta R.T. -0.000 min  
Lab File: BM032034.D  
Acq: 03 Sep 2021 00:56

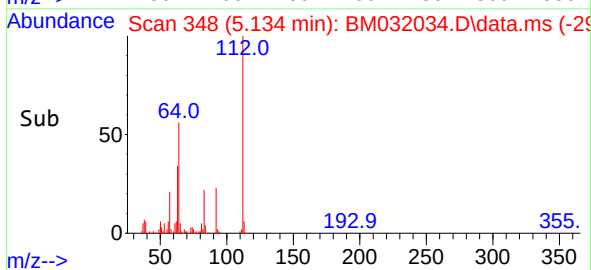
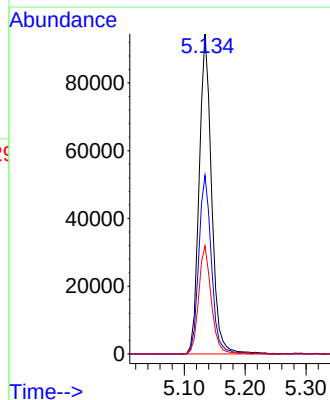
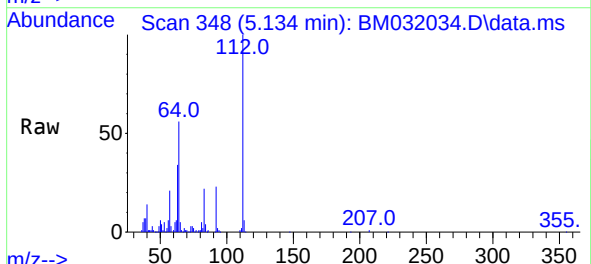
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BNA\_M  
ClientSampleId :  
YORK-ST-MH-1

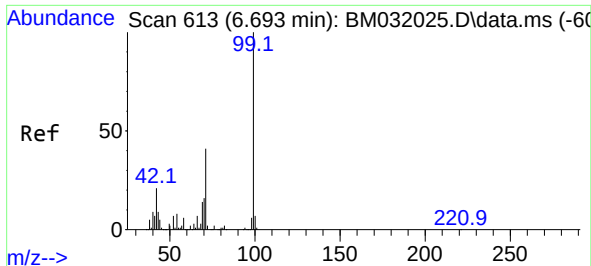
Tgt Ion:152 Resp: 66626  
Ion Ratio Lower Upper  
152 100  
150 150.5 122.4 183.6  
115 54.9 53.8 80.8



#5  
2-Fluorophenol  
Concen: 34.468 ng  
RT: 5.134 min Scan# 348  
Delta R.T. -0.000 min  
Lab File: BM032034.D  
Acq: 03 Sep 2021 00:56

Tgt Ion:112 Resp: 133785  
Ion Ratio Lower Upper  
112 100  
64 55.8 53.7 80.5  
63 33.8 33.9 50.9#

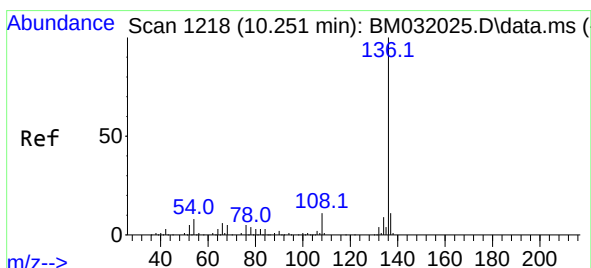
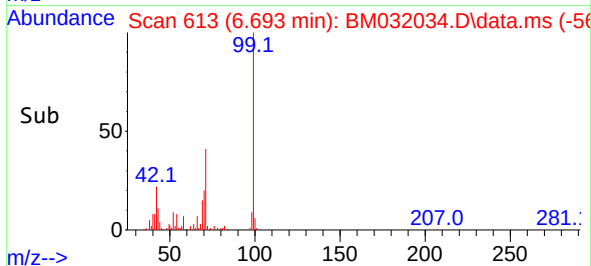
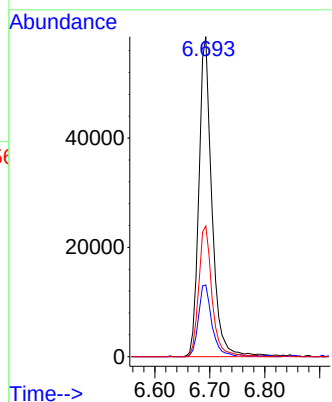
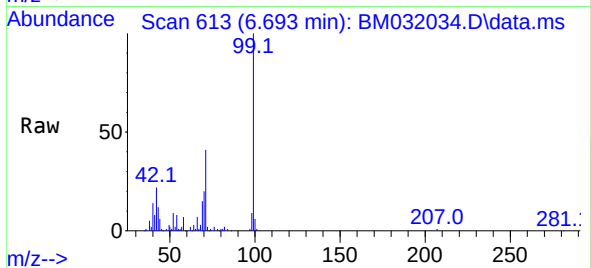




#7  
Phenol-d6  
Concen: 18.750 ng  
RT: 6.693 min Scan# 613  
Delta R.T. -0.000 min  
Lab File: BM032034.D  
Acq: 03 Sep 2021 00:56

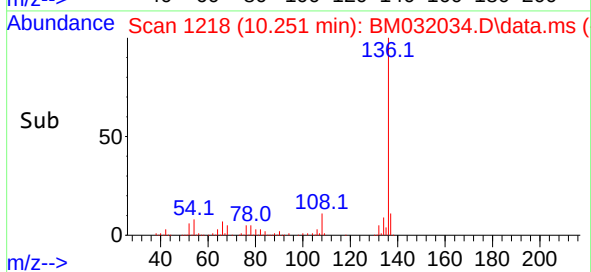
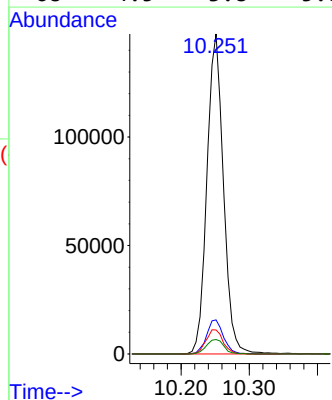
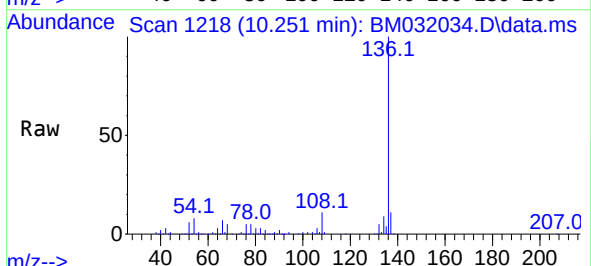
Instrument :  
BNA\_M  
ClientSampleId :  
YORK-ST-MH-1

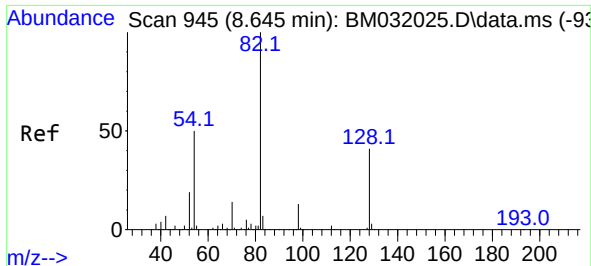
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 99    | Resp: | 96364 |
| Ion      | Ratio | Lower | Upper |
| 99       | 100   |       |       |
| 42       | 22.4  | 23.0  | 34.6# |
| 71       | 40.9  | 37.8  | 56.8  |



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.251 min Scan# 1218  
Delta R.T. -0.000 min  
Lab File: BM032034.D  
Acq: 03 Sep 2021 00:56

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 248624 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 10.7  | 8.7   | 13.1   |
| 54       | 7.5   | 7.4   | 11.0   |
| 68       | 4.5   | 3.8   | 5.8    |

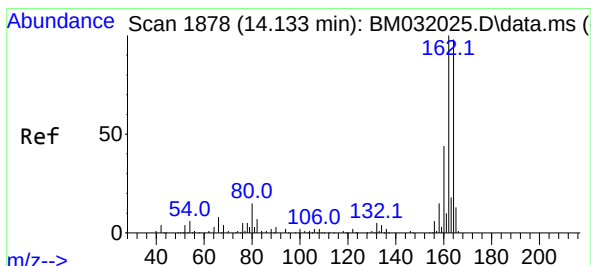
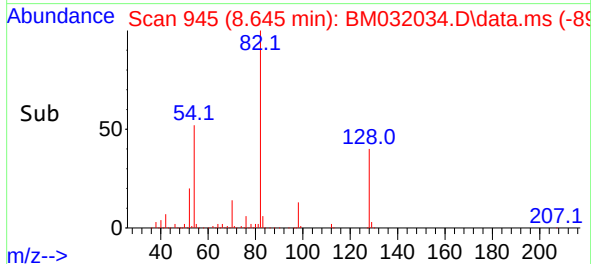
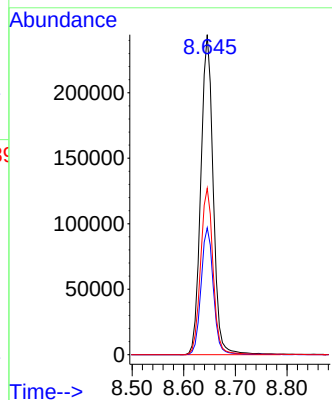
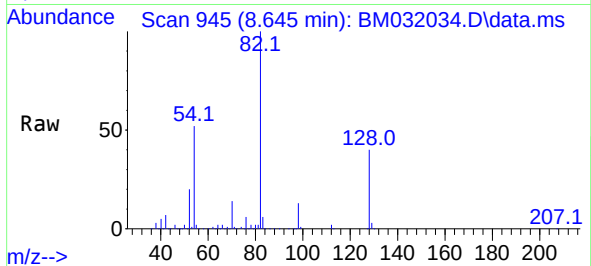




#23  
Nitrobenzene-d5  
Concen: 78.870 ng  
RT: 8.645 min Scan# 945  
Delta R.T. -0.000 min  
Lab File: BM032034.D  
Acq: 03 Sep 2021 00:56

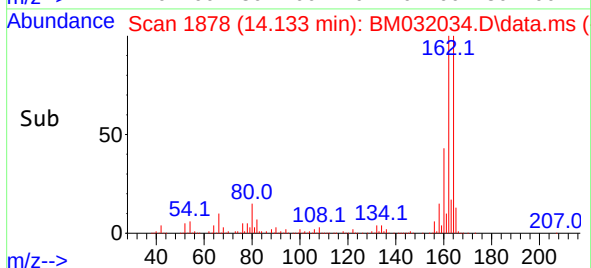
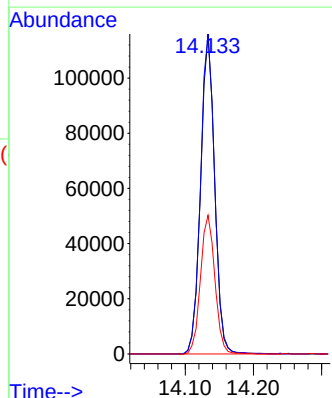
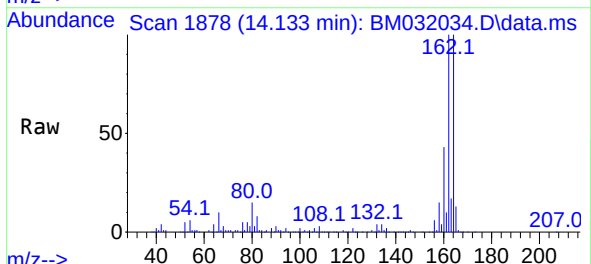
Instrument :  
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ClientSampleId :  
YORK-ST-MH-1

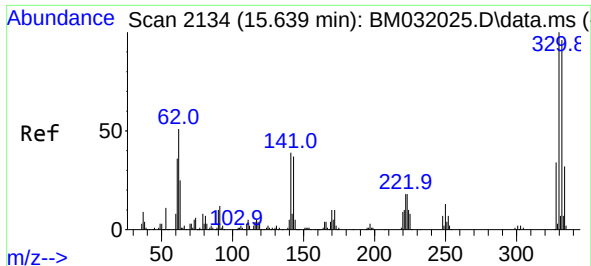
Tgt Ion: 82 Resp: 407267  
Ion Ratio Lower Upper  
82 100  
128 39.6 29.0 43.6  
54 52.0 45.8 68.8



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.133 min Scan# 1878  
Delta R.T. -0.000 min  
Lab File: BM032034.D  
Acq: 03 Sep 2021 00:56

Tgt Ion: 164 Resp: 165272  
Ion Ratio Lower Upper  
164 100  
162 100.4 80.6 121.0  
160 43.5 35.1 52.7

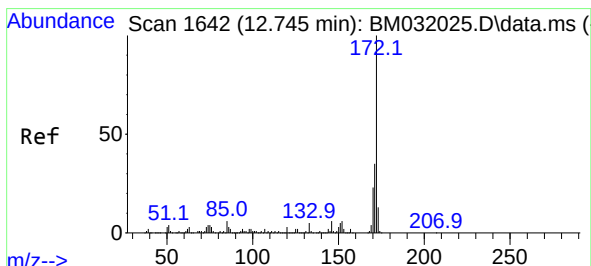
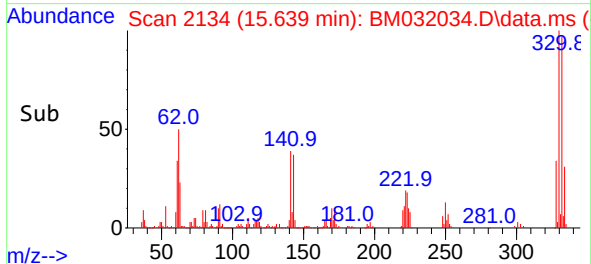
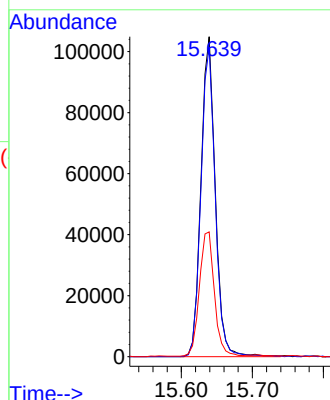
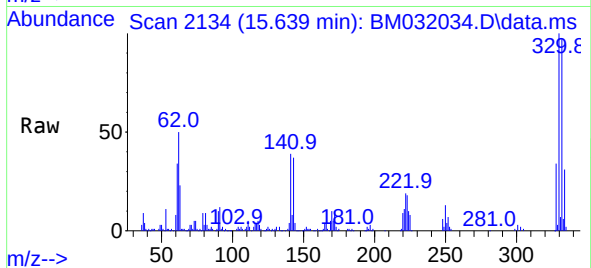




#42  
2,4,6-Tribromophenol  
Concen: 66.467 ng  
RT: 15.639 min Scan# 2134  
Delta R.T. -0.000 min  
Lab File: BM032034.D  
Acq: 03 Sep 2021 00:56

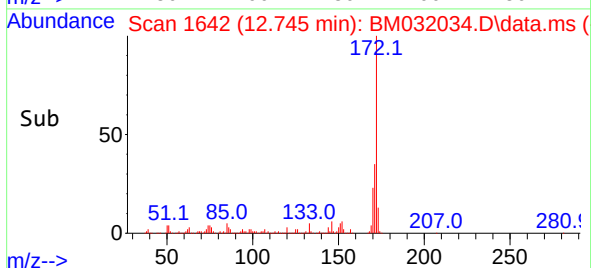
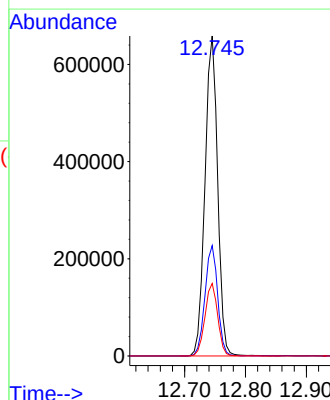
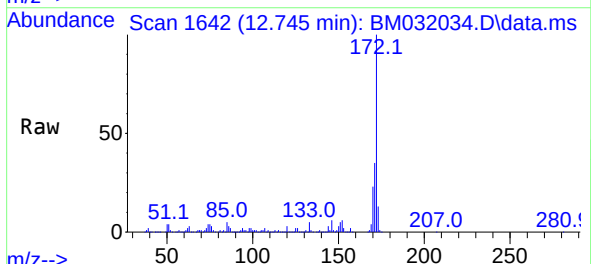
Instrument :  
BNA\_M  
ClientSampleId :  
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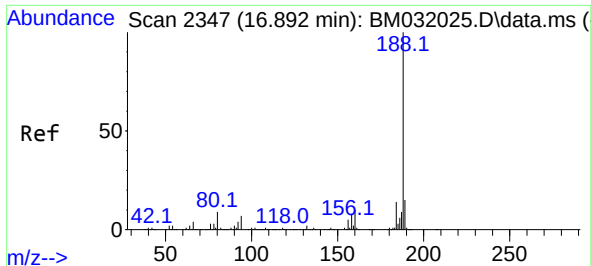
Tgt Ion:330 Resp: 147252  
Ion Ratio Lower Upper  
330 100  
332 96.7 75.7 113.5  
141 40.5 50.7 76.1#



#45  
2-Fluorobiphenyl  
Concen: 75.294 ng  
RT: 12.745 min Scan# 1642  
Delta R.T. -0.000 min  
Lab File: BM032034.D  
Acq: 03 Sep 2021 00:56

Tgt Ion:172 Resp: 950797  
Ion Ratio Lower Upper  
172 100  
171 34.5 28.1 42.1  
170 22.7 18.6 27.8

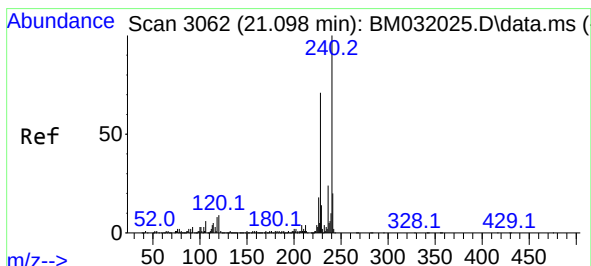
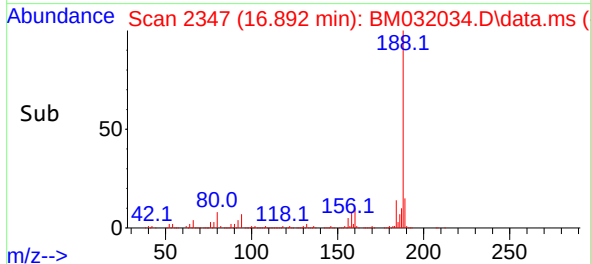
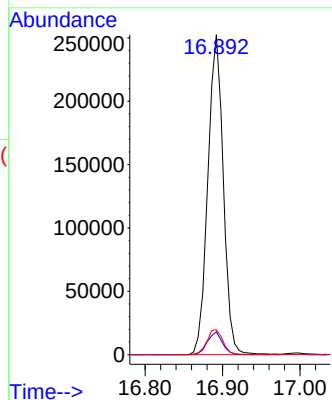
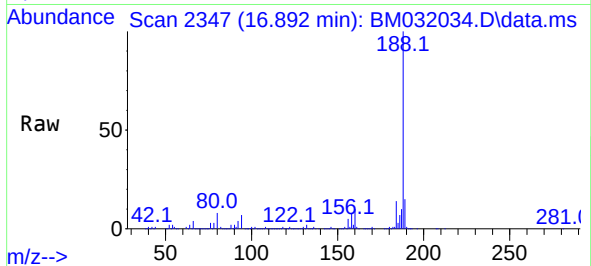




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 16.892 min Scan# 2347  
Delta R.T. -0.000 min  
Lab File: BM032034.D  
Acq: 03 Sep 2021 00:56

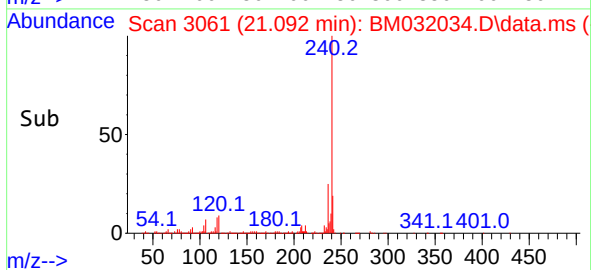
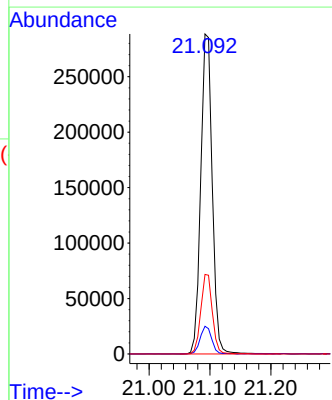
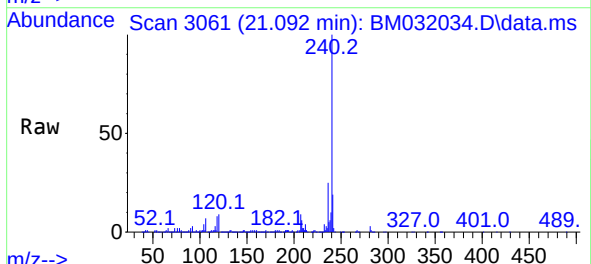
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BNA\_M  
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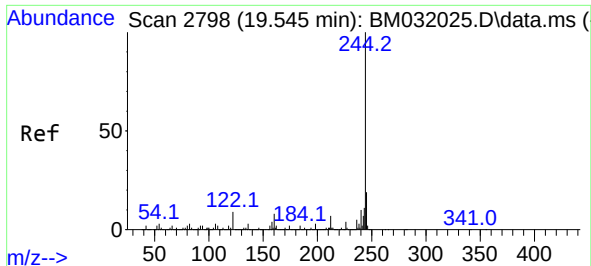
Tgt Ion:188 Resp: 349922  
Ion Ratio Lower Upper  
188 100  
94 7.1 6.3 9.5  
80 7.8 7.3 10.9



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.092 min Scan# 3061  
Delta R.T. -0.006 min  
Lab File: BM032034.D  
Acq: 03 Sep 2021 00:56

Tgt Ion:240 Resp: 377636  
Ion Ratio Lower Upper  
240 100  
120 8.7 7.8 11.6  
236 24.8 20.9 31.3

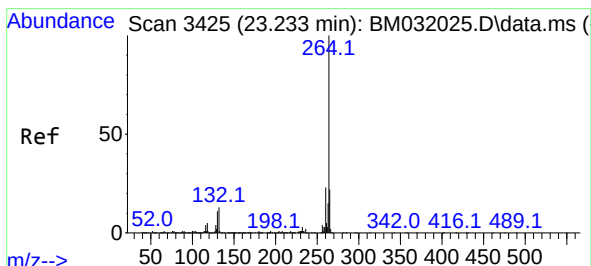
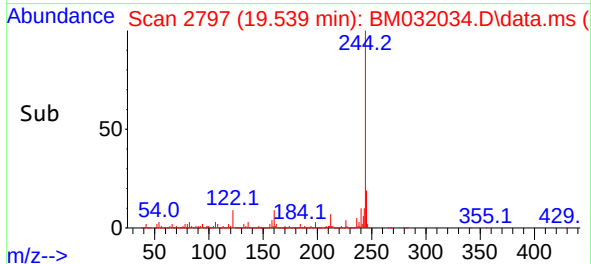
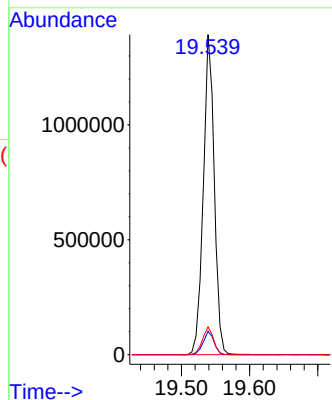
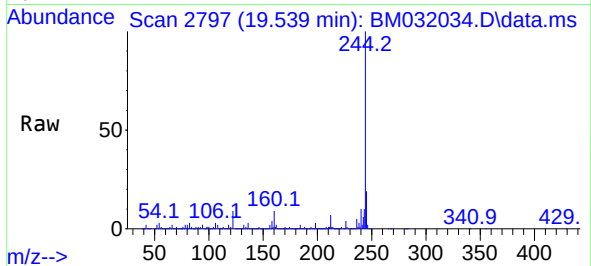




#79  
Terphenyl-d14  
Concen: 76.194 ng  
RT: 19.539 min Scan# 2797  
Delta R.T. -0.006 min  
Lab File: BM032034.D  
Acq: 03 Sep 2021 00:56

Instrument :  
BNA\_M  
ClientSampleId :  
YORK-ST-MH-1

Tgt Ion:244 Resp: 1556020  
Ion Ratio Lower Upper  
244 100  
212 7.3 6.5 9.7  
122 8.6 8.7 13.1#



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 23.227 min Scan# 3424  
Delta R.T. -0.006 min  
Lab File: BM032034.D  
Acq: 03 Sep 2021 00:56

Tgt Ion:264 Resp: 416399  
Ion Ratio Lower Upper  
264 100  
260 22.8 19.3 28.9  
265 21.6 18.3 27.5

