

Data Path : Z:\svoasrv\HPCHEM1\BNA\_E\Data\BE040821\  
 Data File : BE101247.D  
 Acq On : 8 Apr 2021 14:33  
 Operator : CG/JU  
 Sample : SP5532  
 Misc : 8270 SIM SURROGATE  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 SP5532

Quant Time: Apr 08 15:23:58 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_E\Methods\8270-SIM-BE040621.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Apr 07 10:22:45 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc | Units | Dev(Min) |
|-----------------------------|--------|------|----------|------|-------|----------|
| Internal Standards          |        |      |          |      |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.839  | 152  | 5980     | 0.40 | ng    | 0.00     |
| 7) Naphthalene-d8           | 10.614 | 136  | 25008    | 0.40 | ng    | 0.00     |
| 13) Acenaphthene-d10        | 14.443 | 164  | 13858    | 0.40 | ng    | 0.00     |
| 19) Phenanthrene-d10        | 17.196 | 188  | 24692    | 0.40 | ng    | #-0.01   |
| 29) Chrysene-d12            | 21.354 | 240  | 26702    | 0.40 | ng    | # 0.00   |
| 36) Perylene-d12            | 23.830 | 264  | 29316    | 0.40 | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |      |       |          |
| 4) 2-Fluorophenol           | 5.421  | 112  | 6920     | 0.49 | ng    | 0.00     |
| 5) Phenol-d6                | 6.987  | 99   | 9244     | 0.42 | ng    | 0.00     |
| 8) Nitrobenzene-d5          | 8.977  | 82   | 8419     | 0.45 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10 | 12.195 | 152  | 13663    | 0.23 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol    | 15.956 | 330  | 996      | 0.27 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl        | 13.074 | 172  | 19600    | 0.39 | ng    | 0.00     |
| 27) Fluoranthene-d10        | 19.213 | 212  | 74351    | 0.17 | ng    | 0.00     |
| 31) Terphenyl-d14           | 19.811 | 244  | 18000    | 0.25 | ng    | 0.00     |

Target Compounds Qvalue

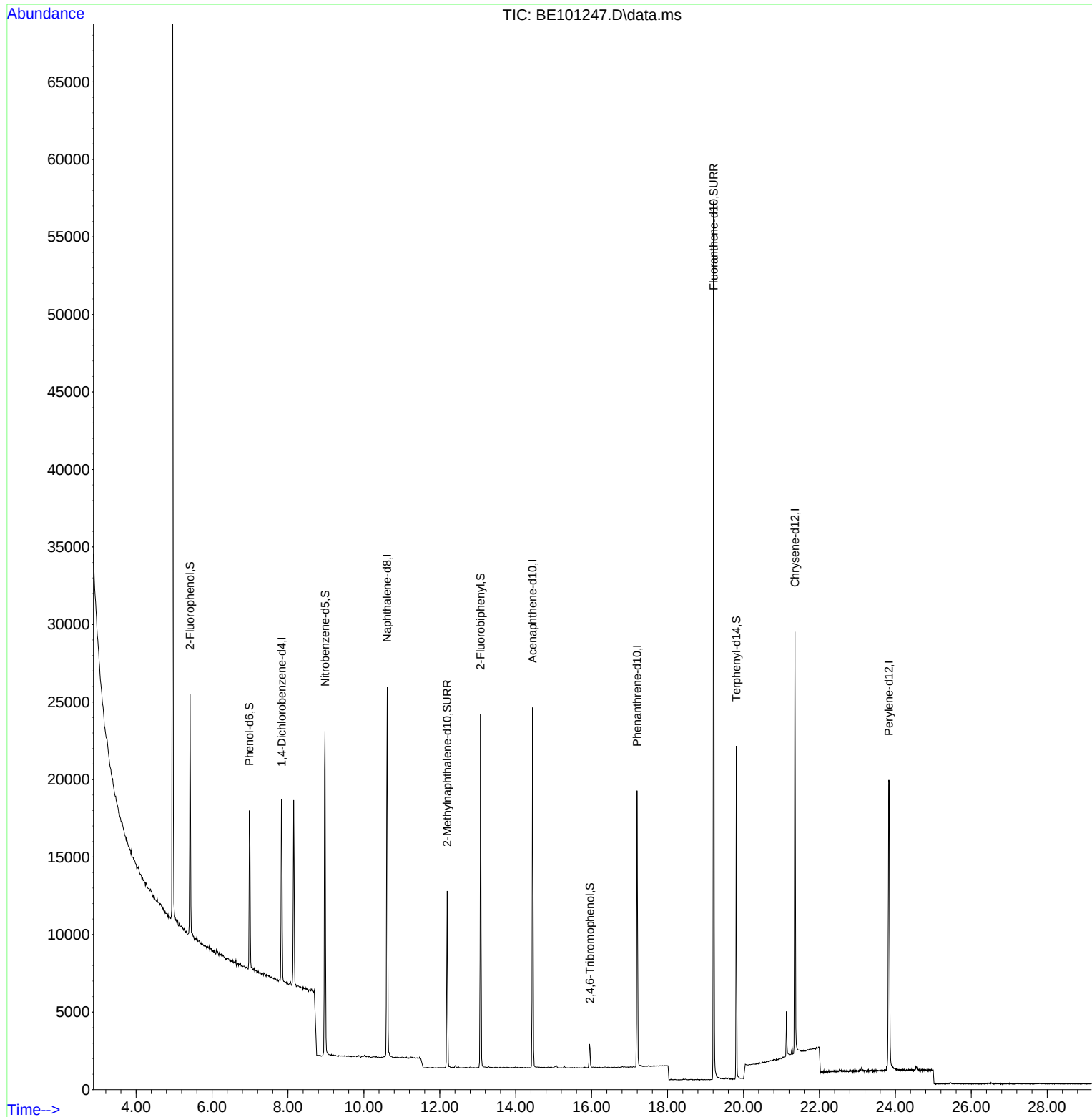
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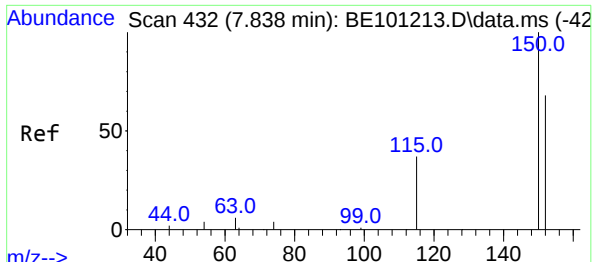
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_E\Data\BE040821\  
Data File : BE101247.D  
Acq On : 8 Apr 2021 14:33  
Operator : CG/JU  
Sample : SP5532  
Misc : 8270 SIM SURROGATE  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_E  
ClientSampleId :  
SP5532

Quant Time: Apr 08 15:23:58 2021  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_E\Methods\8270-SIM-BE040621.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Apr 07 10:22:45 2021  
Response via : Initial Calibration

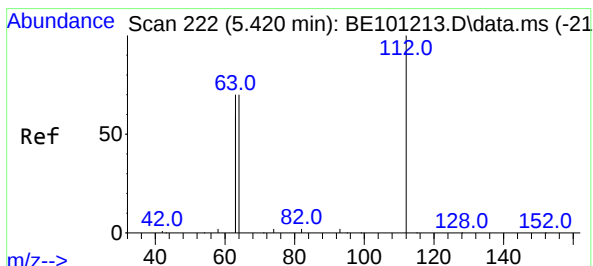
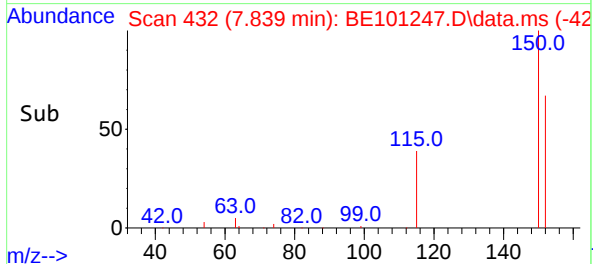
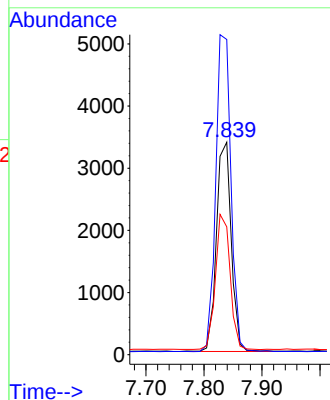
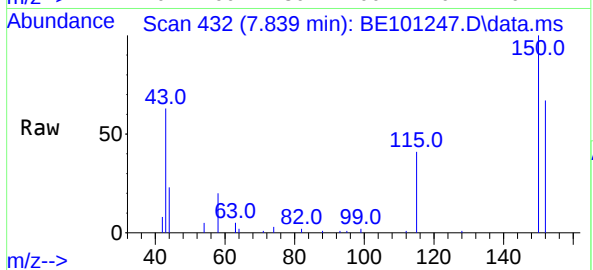




#1  
1,4-Dichlorobenzene-d4  
Concen: 0.40 ng  
RT: 7.839 min Scan# 432  
Delta R.T. 0.009 min  
Lab File: BE101247.D  
Acq: 8 Apr 2021 14:33

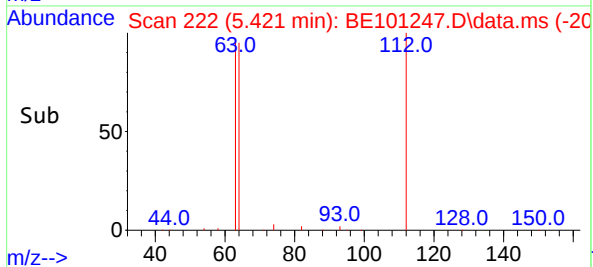
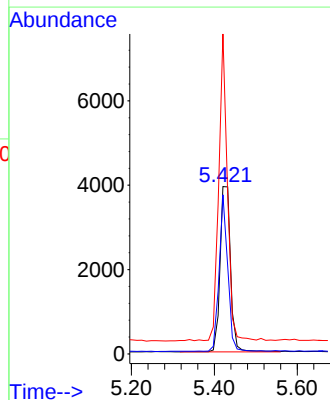
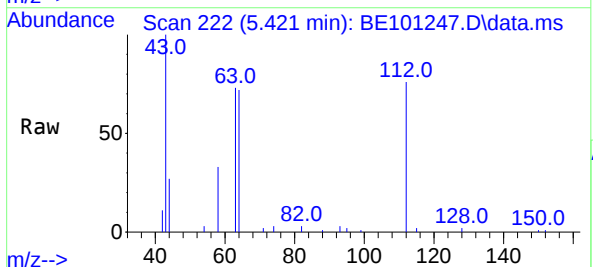
Instrument :  
BNA\_E  
ClientSampleId :  
SP5532

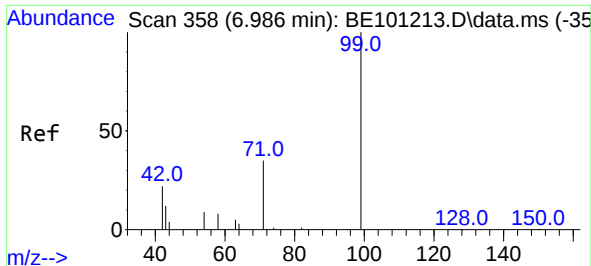
Tgt Ion:152 Resp: 5980  
Ion Ratio Lower Upper  
152 100  
150 148.3 116.9 175.3  
115 60.2 44.5 66.7



#4  
2-Fluorophenol  
Concen: 0.49 ng  
RT: 5.421 min Scan# 222  
Delta R.T. -0.002 min  
Lab File: BE101247.D  
Acq: 8 Apr 2021 14:33

Tgt Ion:112 Resp: 6920  
Ion Ratio Lower Upper  
112 100  
64 77.3 62.3 93.5  
63 150.5 117.3 175.9

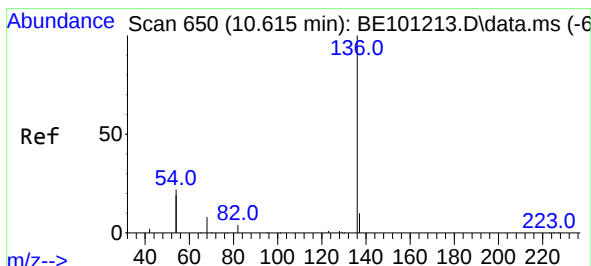
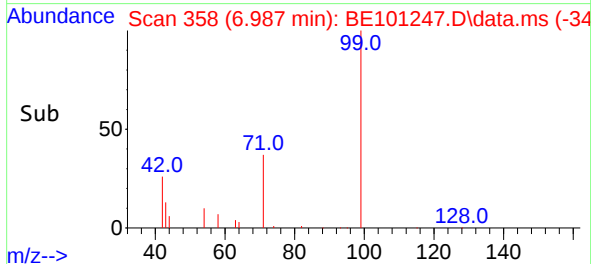
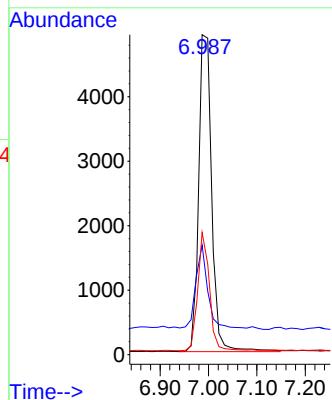
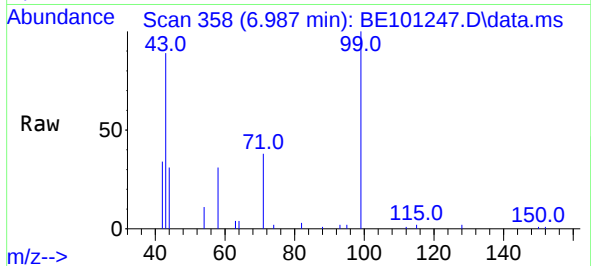




#5  
Phenol-d6  
Concen: 0.42 ng  
RT: 6.987 min Scan# 358  
Delta R.T. -0.002 min  
Lab File: BE101247.D  
Acq: 8 Apr 2021 14:33

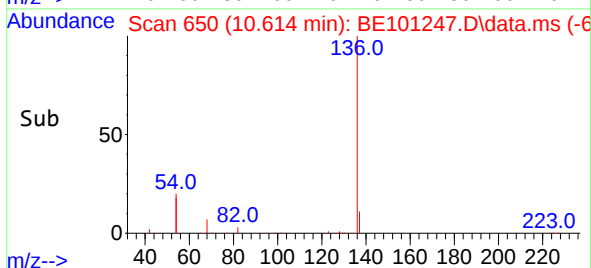
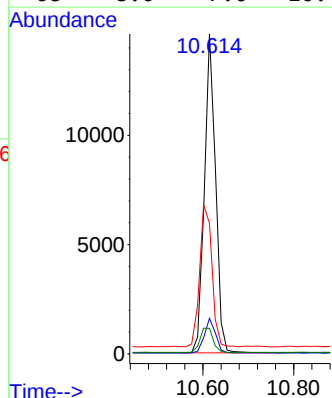
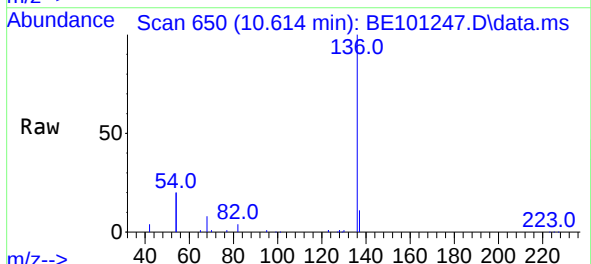
Instrument :  
BNA\_E  
ClientSampleId :  
SP5532

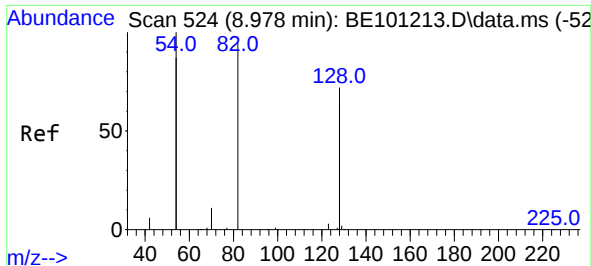
Tgt Ion: 99 Resp: 9244  
Ion Ratio Lower Upper  
99 100  
42 23.3 18.5 27.7  
71 33.7 26.5 39.7



#7  
Naphthalene-d8  
Concen: 0.40 ng  
RT: 10.614 min Scan# 650  
Delta R.T. -0.000 min  
Lab File: BE101247.D  
Acq: 8 Apr 2021 14:33

Tgt Ion: 136 Resp: 25008  
Ion Ratio Lower Upper  
136 100  
137 11.1 8.6 13.0  
54 40.8 34.7 52.1  
68 8.0 7.0 10.4

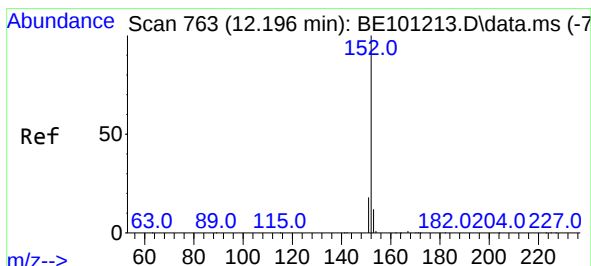
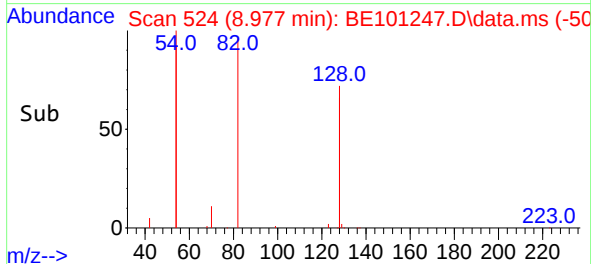
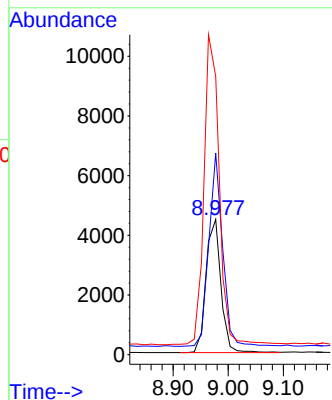
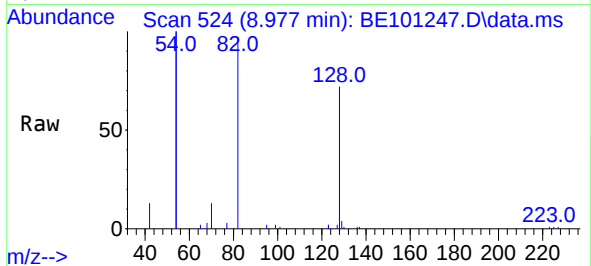




#8  
Nitrobenzene-d5  
Concen: 0.45 ng  
RT: 8.977 min Scan# 524  
Delta R.T. -0.000 min  
Lab File: BE101247.D  
Acq: 8 Apr 2021 14:33

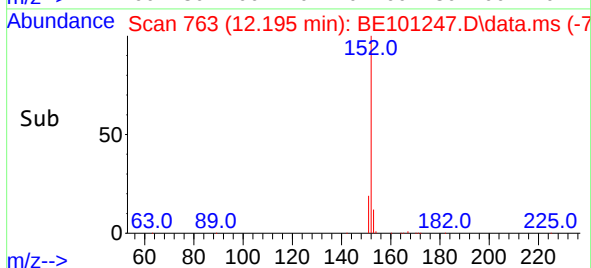
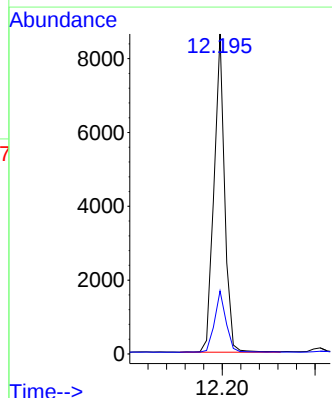
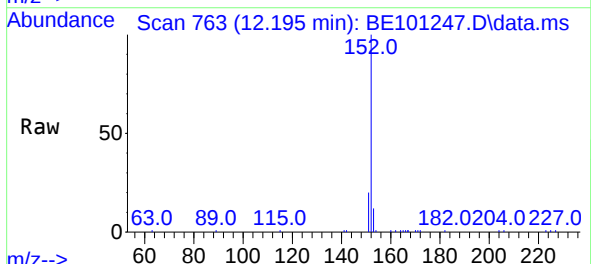
Instrument :  
BNA\_E  
ClientSampleId :  
SP5532

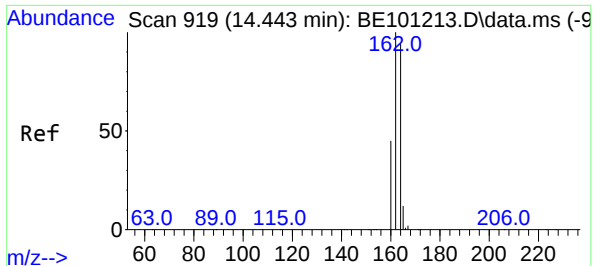
Tgt Ion: 82 Resp: 8419  
Ion Ratio Lower Upper  
82 100  
128 149.0 118.7 178.1  
54 205.7 164.4 246.6



#11  
2-Methylnaphthalene-d10  
Concen: 0.23 ng  
RT: 12.195 min Scan# 763  
Delta R.T. -0.001 min  
Lab File: BE101247.D  
Acq: 8 Apr 2021 14:33

Tgt Ion: 152 Resp: 13663  
Ion Ratio Lower Upper  
152 100  
151 20.9 16.5 24.7

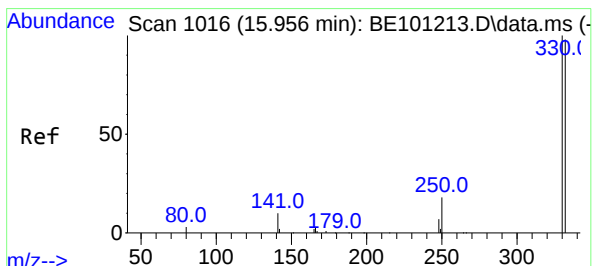
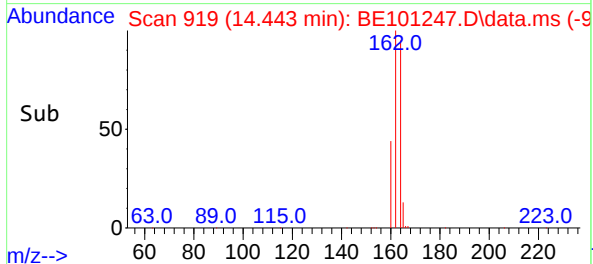
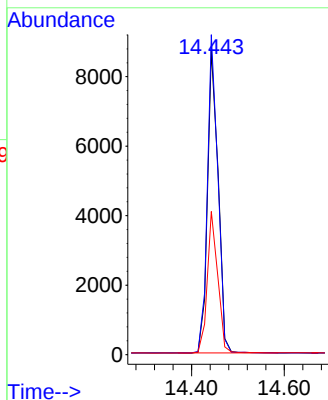
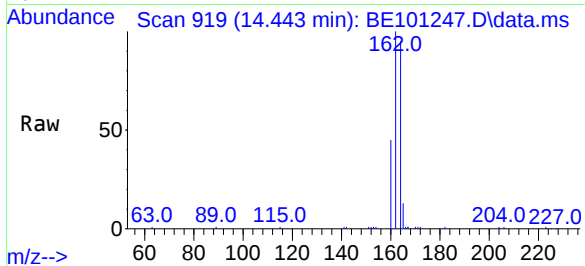




#13  
Acenaphthene-d10  
Concen: 0.40 ng  
RT: 14.443 min Scan# 919  
Delta R.T. -0.001 min  
Lab File: BE101247.D  
Acq: 8 Apr 2021 14:33

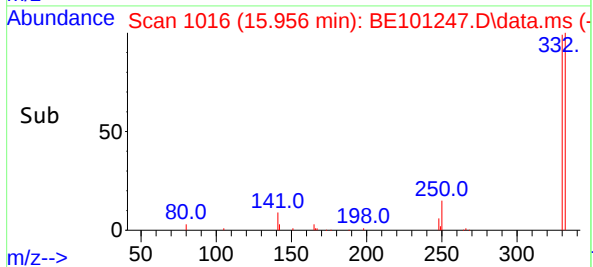
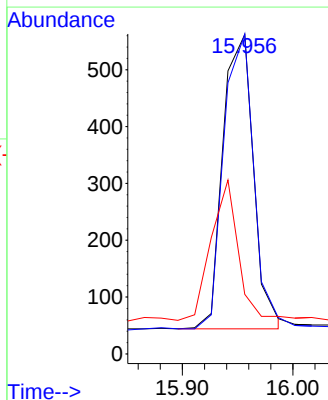
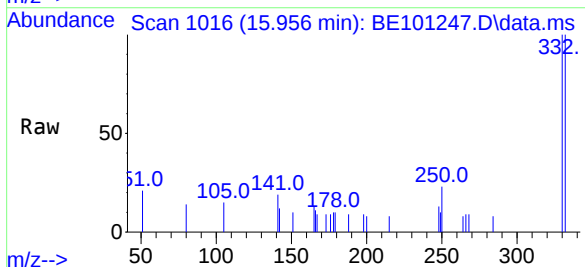
Instrument :  
BNA\_E  
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SP5532

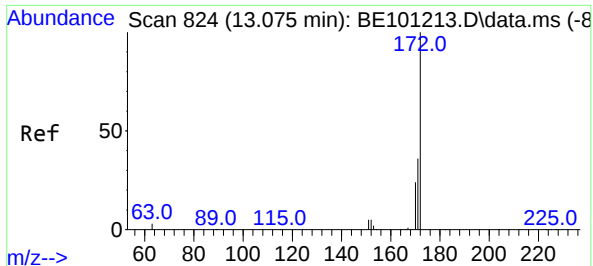
Tgt Ion:164 Resp: 13858  
Ion Ratio Lower Upper  
164 100  
162 105.4 85.3 127.9  
160 47.1 39.1 58.7



#14  
2,4,6-Tribromophenol  
Concen: 0.27 ng  
RT: 15.956 min Scan# 1016  
Delta R.T. 0.001 min  
Lab File: BE101247.D  
Acq: 8 Apr 2021 14:33

Tgt Ion:330 Resp: 996  
Ion Ratio Lower Upper  
330 100  
332 98.4 77.8 116.6  
141 41.6 30.4 45.6

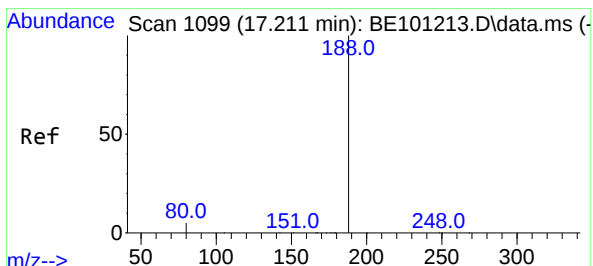
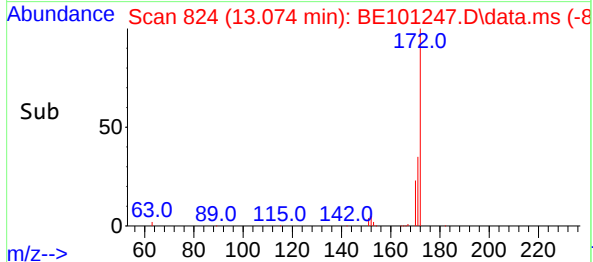
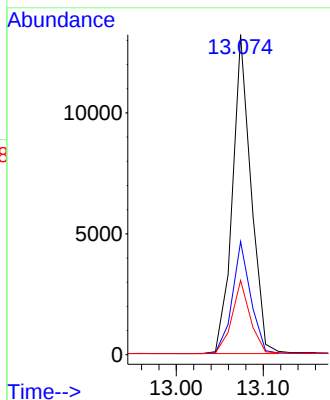
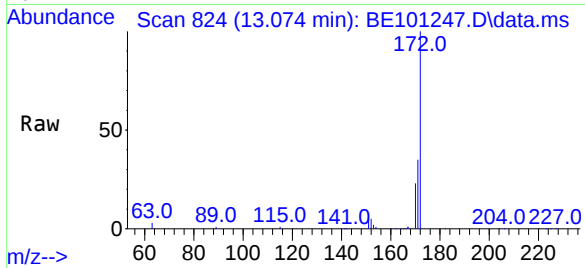




#15  
2-Fluorobiphenyl  
Concen: 0.39 ng  
RT: 13.074 min Scan# 824  
Delta R.T. -0.001 min  
Lab File: BE101247.D  
Acq: 8 Apr 2021 14:33

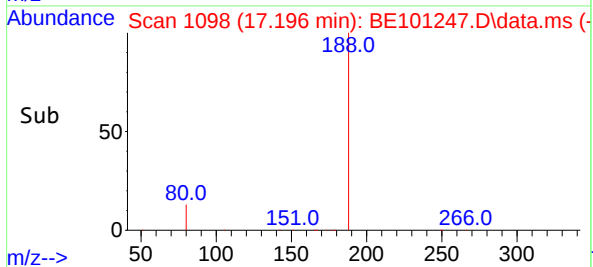
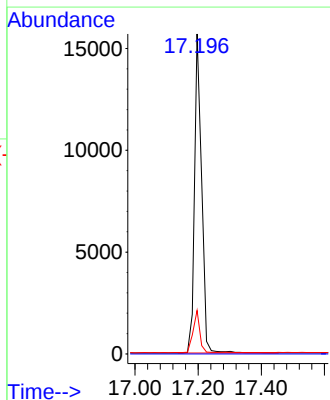
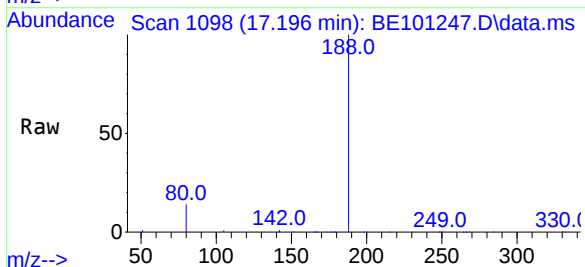
Instrument :  
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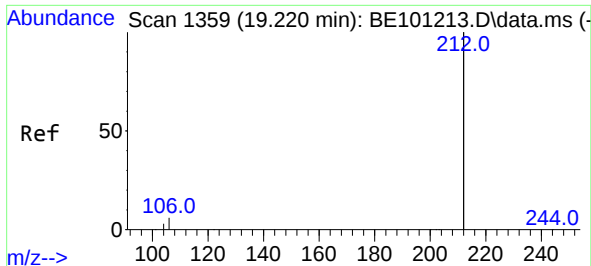
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Ion Ratio Lower Upper  
172 100  
171 35.4 28.7 43.1  
170 23.2 19.3 28.9



#19  
Phenanthrene-d10  
Concen: 0.40 ng  
RT: 17.196 min Scan# 1098  
Delta R.T. -0.014 min  
Lab File: BE101247.D  
Acq: 8 Apr 2021 14:33

Tgt Ion:188 Resp: 24692  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 13.6 4.6 6.8



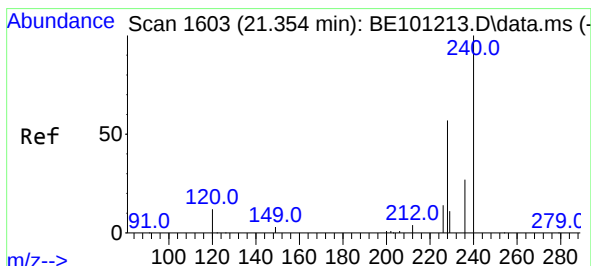
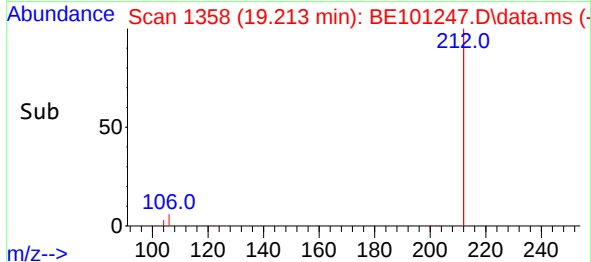
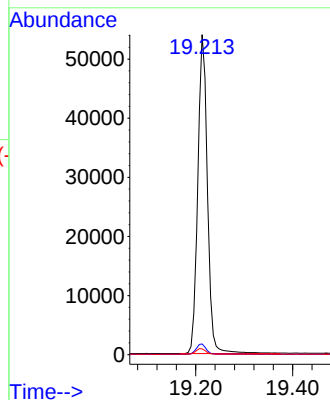
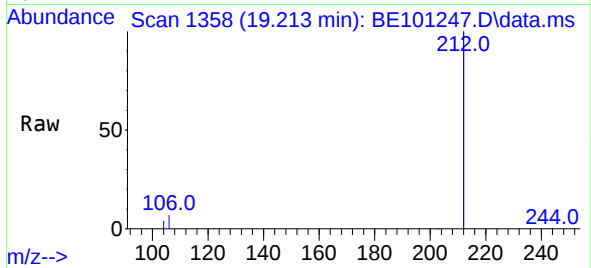


#27  
Fluoranthene-d10  
Concen: 0.17 ng  
RT: 19.213 min Scan# 1358  
Delta R.T. -0.001 min  
Lab File: BE101247.D  
Acq: 8 Apr 2021 14:33

Instrument :  
BNA\_E  
ClientSampleId :  
SP5532

Tgt Ion:212 Resp: 74351

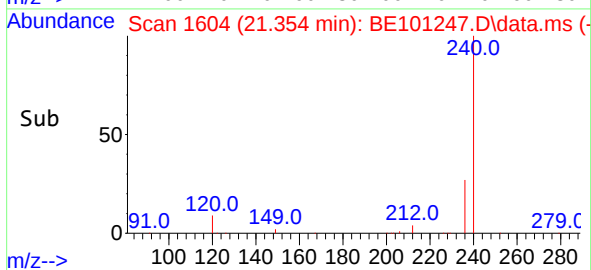
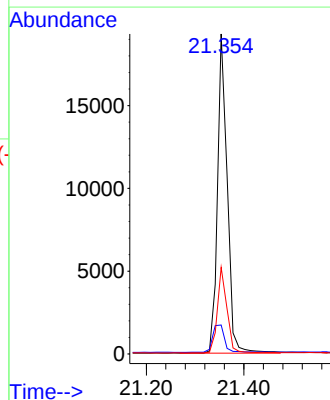
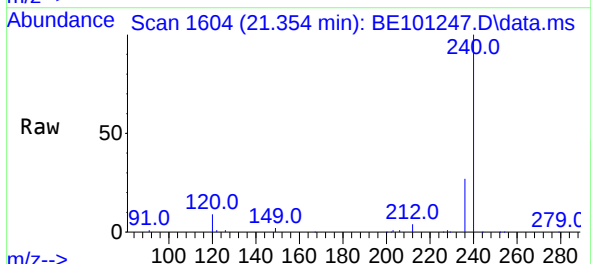
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 212 | 100   |       |       |
| 106 | 3.3   | 2.6   | 4.0   |
| 104 | 1.8   | 1.4   | 2.2   |

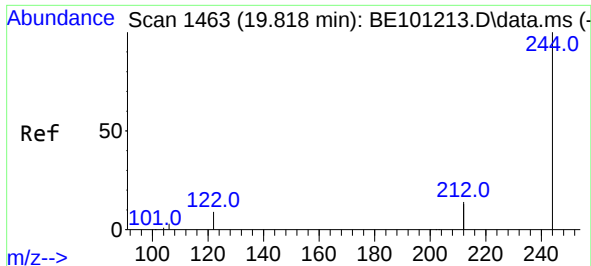


#29  
Chrysene-d12  
Concen: 0.40 ng  
RT: 21.354 min Scan# 1604  
Delta R.T. -0.001 min  
Lab File: BE101247.D  
Acq: 8 Apr 2021 14:33

Tgt Ion:240 Resp: 26702

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 240 | 100   |       |       |
| 120 | 9.0   | 10.2  | 15.4  |
| 236 | 27.1  | 21.7  | 32.5  |

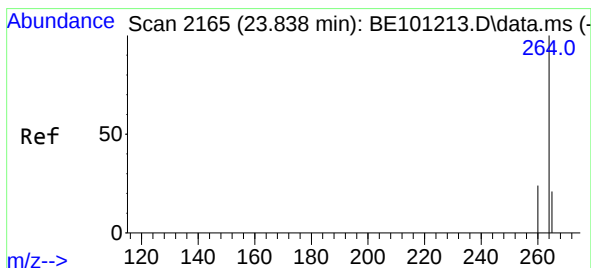
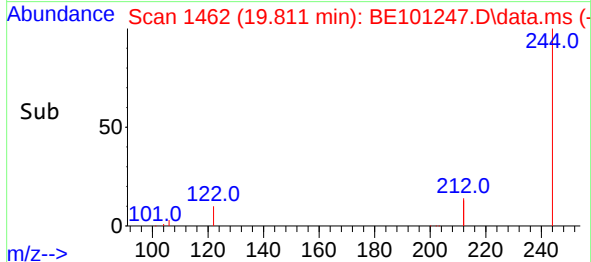
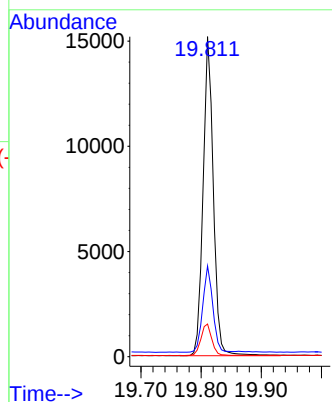
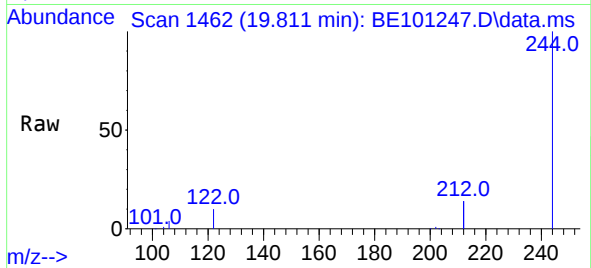




#31  
Terphenyl-d14  
Concen: 0.25 ng  
RT: 19.811 min Scan# 1462  
Delta R.T. -0.001 min  
Lab File: BE101247.D  
Acq: 8 Apr 2021 14:33

Instrument :  
BNA\_E  
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SP5532

Tgt Ion:244 Resp: 18000  
Ion Ratio Lower Upper  
244 100  
212 28.3 21.9 32.9  
122 10.2 7.3 10.9



#36  
Perylene-d12  
Concen: 0.40 ng  
RT: 23.830 min Scan# 2164  
Delta R.T. -0.004 min  
Lab File: BE101247.D  
Acq: 8 Apr 2021 14:33

Tgt Ion:264 Resp: 29316  
Ion Ratio Lower Upper  
264 100  
260 24.9 19.3 28.9  
265 26.3 22.4 33.6

