

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF101620\  
 Data File : BF122015.D  
 Acq On : 16 Oct 2020 17:16  
 Operator : JU/CG  
 Sample : L4227-04  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 BU-01-101420

Quant Time: Oct 16 17:58:33 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF101220.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Oct 15 12:55:05 2020  
 Response via : Initial Calibration

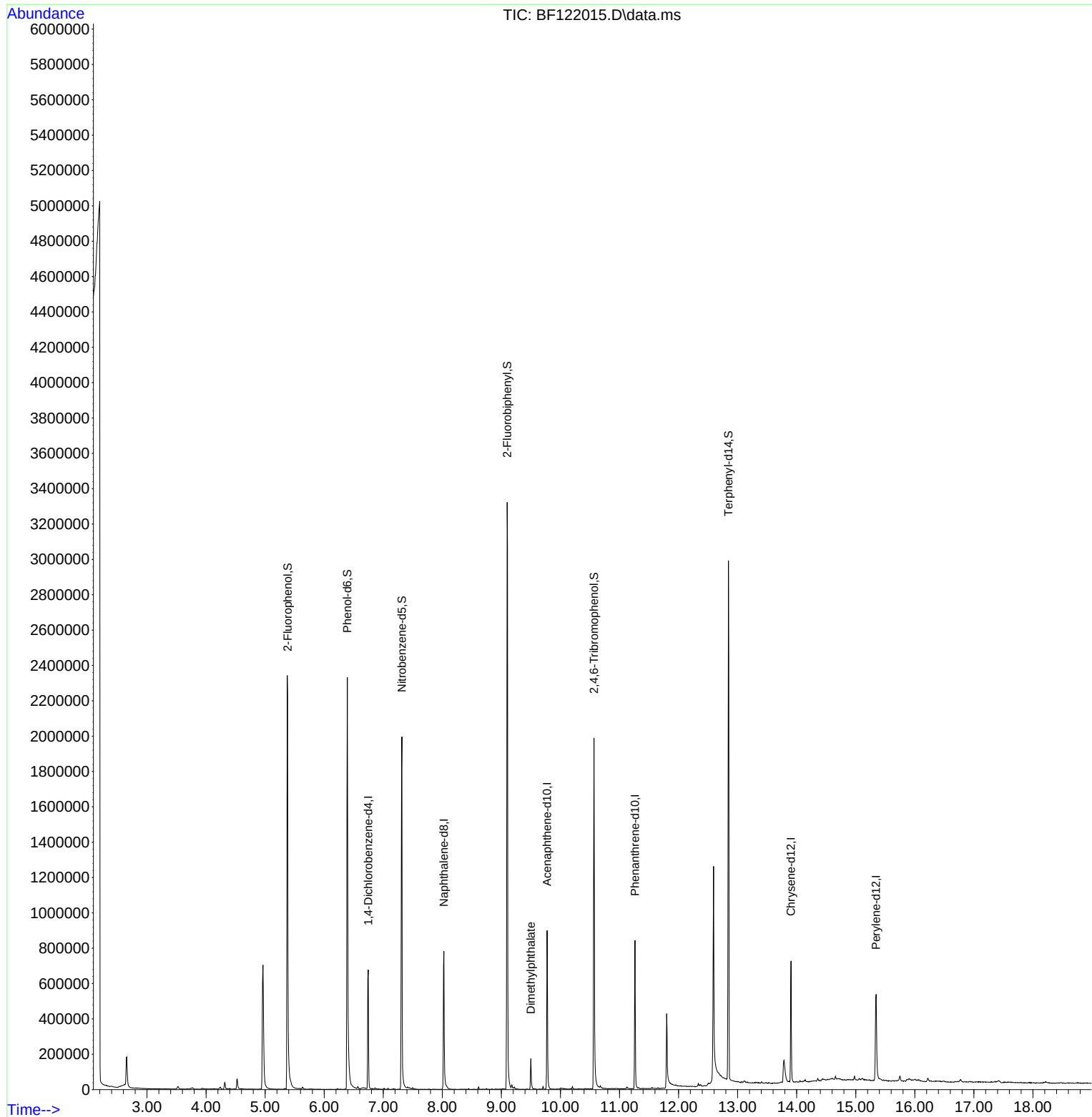
| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min)     |
|-----------------------------|--------|------|----------|--------|-------|--------------|
| -----                       |        |      |          |        |       |              |
| Internal Standards          |        |      |          |        |       |              |
| 1) 1,4-Dichlorobenzene-d4   | 6.745  | 152  | 102737   | 20.00  | ng    | 0.00         |
| 21) Naphthalene-d8          | 8.028  | 136  | 398008   | 20.00  | ng    | 0.00         |
| 39) Acenaphthene-d10        | 9.775  | 164  | 188280   | 20.00  | ng    | 0.00         |
| 64) Phenanthrene-d10        | 11.263 | 188  | 299668   | 20.00  | ng    | 0.00         |
| 76) Chrysene-d12            | 13.904 | 240  | 229545   | 20.00  | ng    | 0.00         |
| 86) Perylene-d12            | 15.345 | 264  | 245896   | 20.00  | ng    | 0.00         |
| System Monitoring Compounds |        |      |          |        |       |              |
| 5) 2-Fluorophenol           | 5.381  | 112  | 768387   | 110.39 | ng    | 0.02         |
| 7) Phenol-d6                | 6.392  | 99   | 879514   | 98.15  | ng    | 0.00         |
| 23) Nitrobenzene-d5         | 7.316  | 82   | 730523   | 94.13  | ng    | 0.00         |
| 42) 2,4,6-Tribromophenol    | 10.569 | 330  | 276368   | 118.66 | ng    | 0.00         |
| 45) 2-Fluorobiphenyl        | 9.098  | 172  | 1182824  | 92.43  | ng    | 0.00         |
| 79) Terphenyl-d14           | 12.845 | 244  | 943683   | 78.35  | ng    | 0.00         |
| Target Compounds            |        |      |          |        |       |              |
| 50) Dimethylphthalate       | 9.498  | 163  | 79677    | 5.79   | ng    | Qvalue<br>98 |
| -----                       |        |      |          |        |       |              |

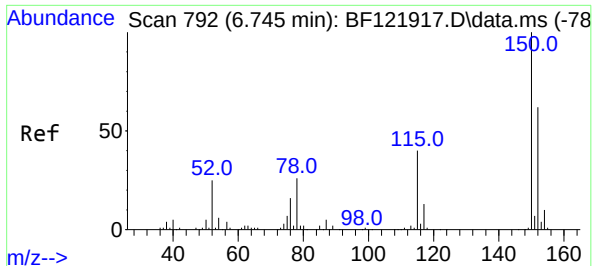
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF101620\  
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ALS Vial : 11 Sample Multiplier: 1

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BNA\_F  
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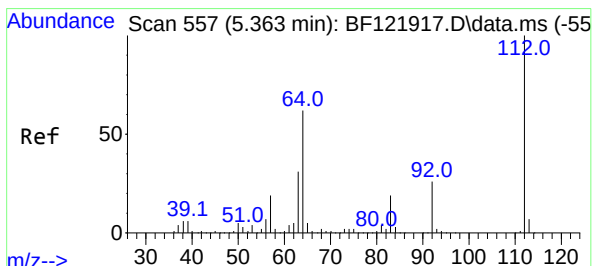
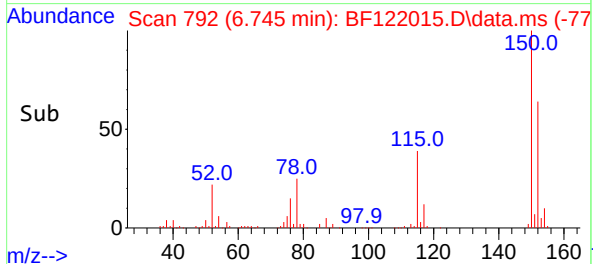
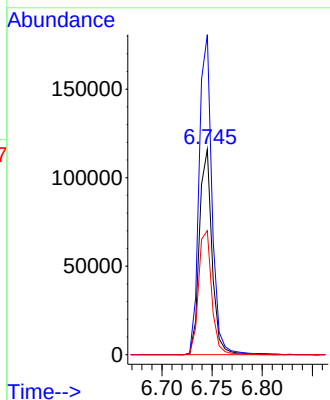
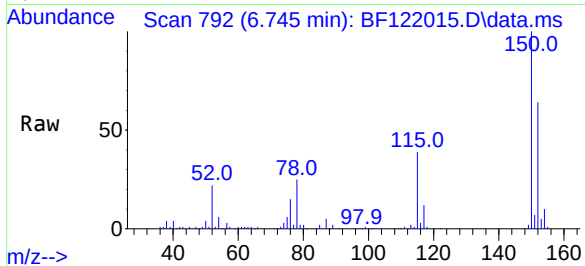




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 6.745 min Scan# 792  
Delta R.T. 0.000 min  
Lab File: BF122015.D  
Acq: 16 Oct 2020 17:16

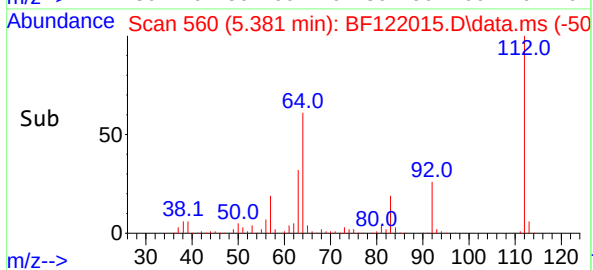
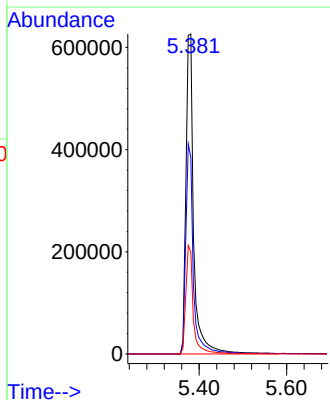
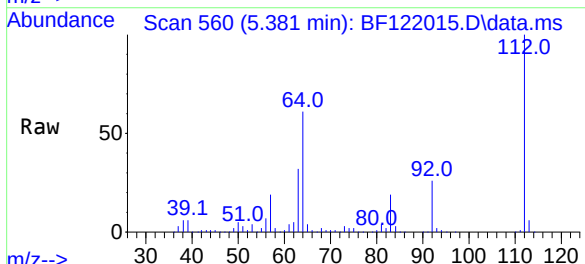
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BNA\_F  
ClientSampleId :  
BU-01-101420

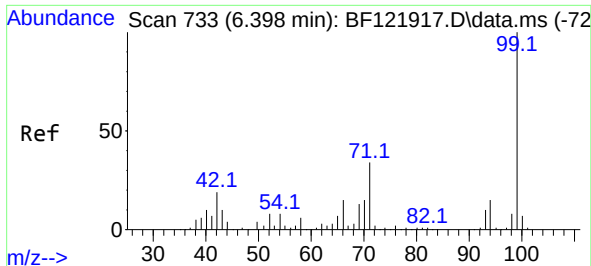
Tgt Ion:152 Resp: 102737  
Ion Ratio Lower Upper  
152 100  
150 155.9 125.3 187.9  
115 60.4 51.9 77.9



#5  
2-Fluorophenol  
Concen: 110.39 ng  
RT: 5.381 min Scan# 560  
Delta R.T. 0.018 min  
Lab File: BF122015.D  
Acq: 16 Oct 2020 17:16

Tgt Ion:112 Resp: 768387  
Ion Ratio Lower Upper  
112 100  
64 61.4 50.4 75.6  
63 31.9 25.8 38.6

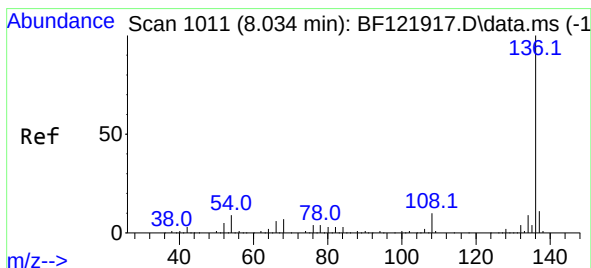
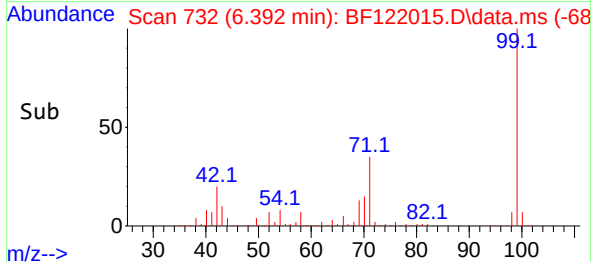
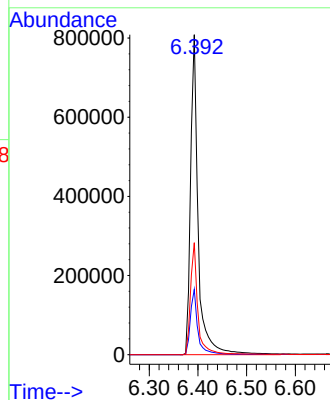
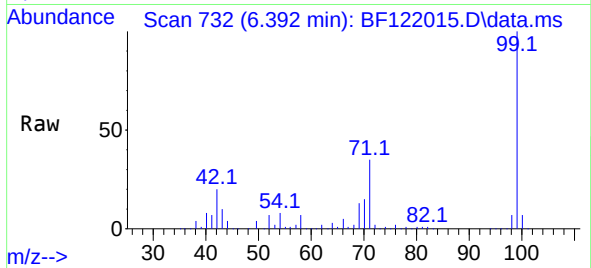




#7  
Phenol-d6  
Concen: 98.15 ng  
RT: 6.392 min Scan# 732  
Delta R.T. 0.000 min  
Lab File: BF122015.D  
Acq: 16 Oct 2020 17:16

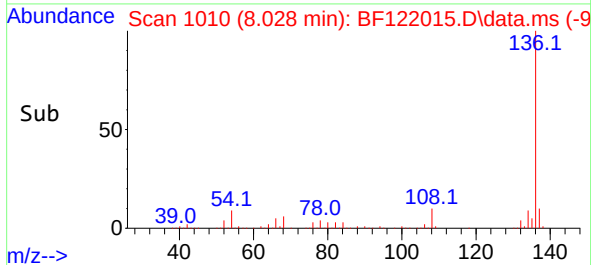
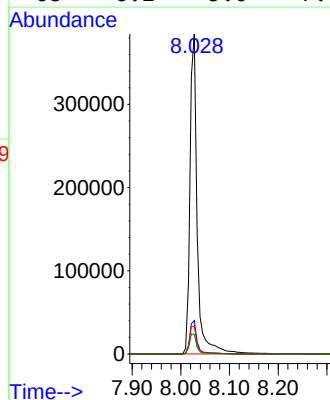
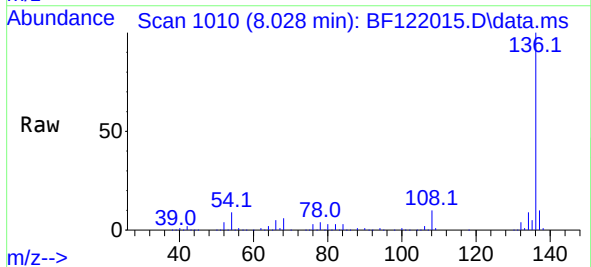
Instrument :  
BNA\_F  
ClientSampleId :  
BU-01-101420

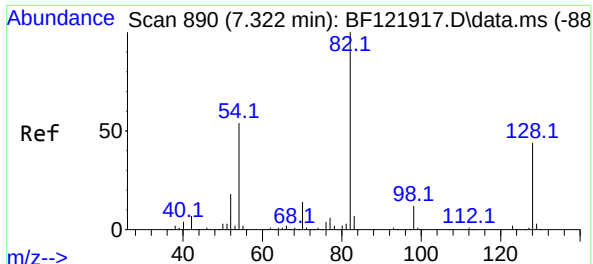
Tgt Ion: 99 Resp: 879514  
Ion Ratio Lower Upper  
99 100  
42 20.4 15.9 23.9  
71 35.0 27.1 40.7



#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 8.028 min Scan# 1010  
Delta R.T. 0.000 min  
Lab File: BF122015.D  
Acq: 16 Oct 2020 17:16

Tgt Ion: 136 Resp: 398008  
Ion Ratio Lower Upper  
136 100  
137 10.5 8.6 13.0  
54 8.7 7.1 10.7  
68 6.2 5.0 7.4

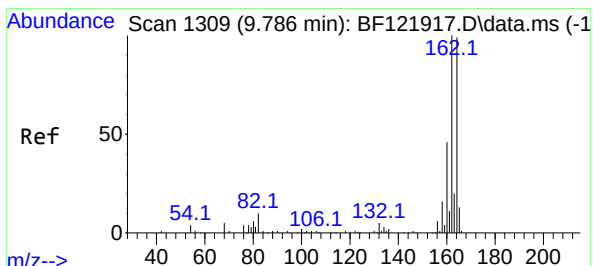
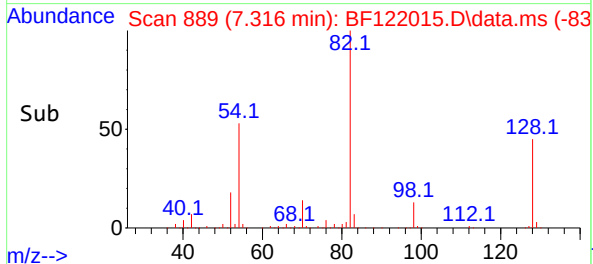
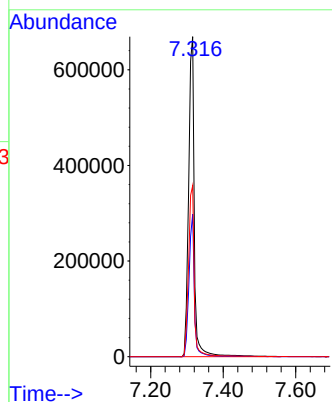
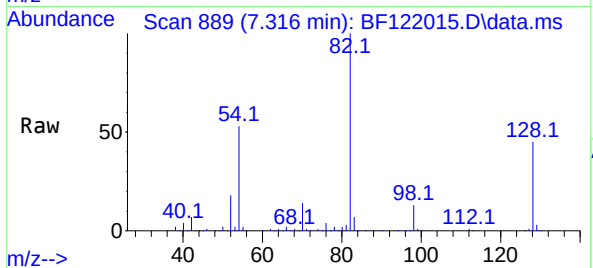




#23  
Nitrobenzene-d5  
Concen: 94.13 ng  
RT: 7.316 min Scan# 889  
Delta R.T. 0.000 min  
Lab File: BF122015.D  
Acq: 16 Oct 2020 17:16

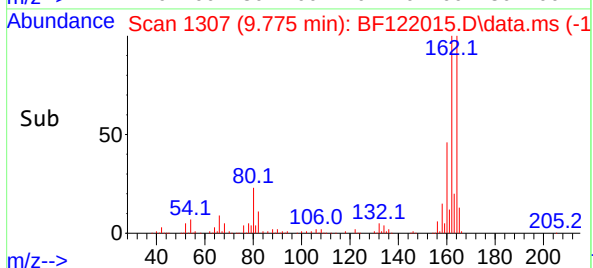
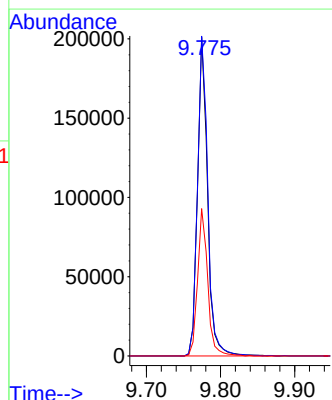
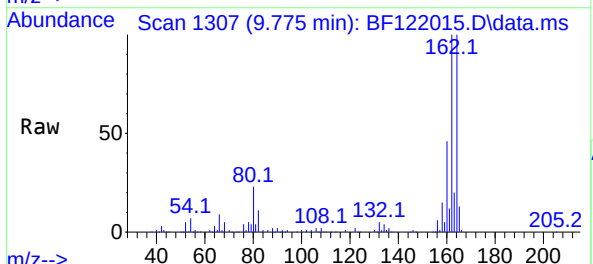
Instrument :  
BNA\_F  
ClientSampleId :  
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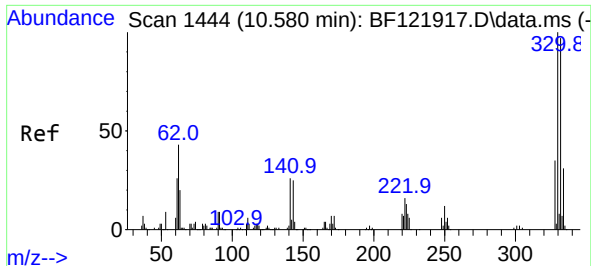
Tgt Ion: 82 Resp: 730523  
Ion Ratio Lower Upper  
82 100  
128 44.6 35.0 52.4  
54 53.5 43.9 65.9



#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 9.775 min Scan# 1307  
Delta R.T. -0.006 min  
Lab File: BF122015.D  
Acq: 16 Oct 2020 17:16

Tgt Ion: 164 Resp: 188280  
Ion Ratio Lower Upper  
164 100  
162 100.4 83.2 124.8  
160 46.2 37.5 56.3

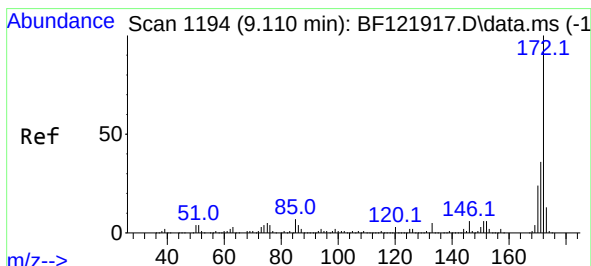
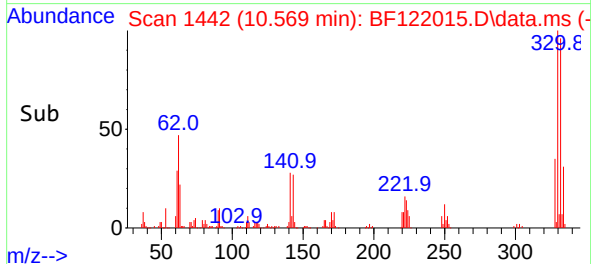
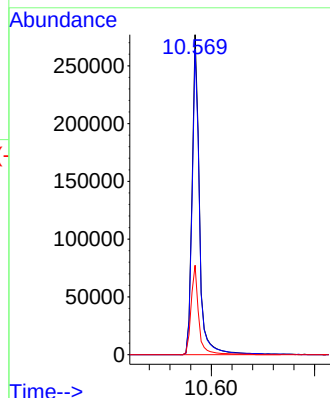
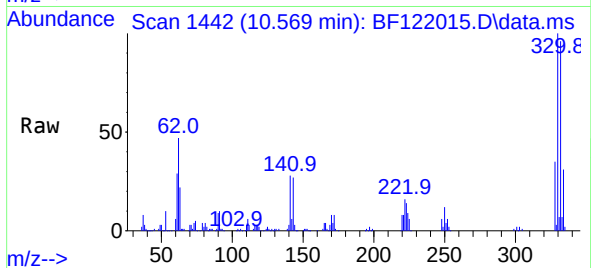




#42  
2,4,6-Tribromophenol  
Concen: 118.66 ng  
RT: 10.569 min Scan# 1442  
Delta R.T. -0.006 min  
Lab File: BF122015.D  
Acq: 16 Oct 2020 17:16

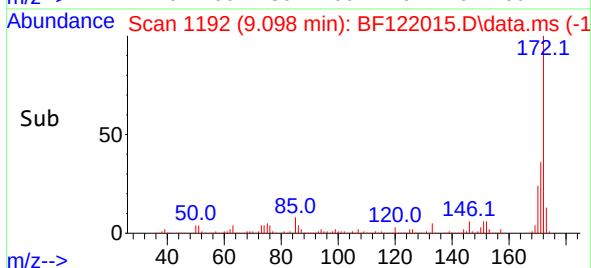
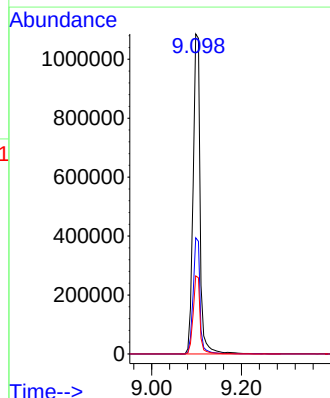
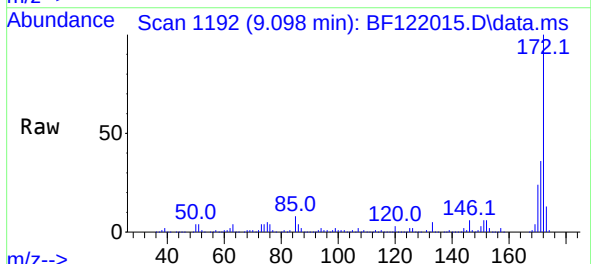
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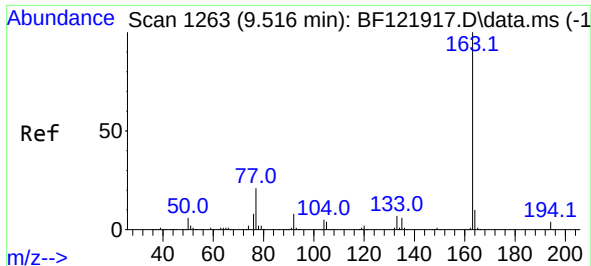
Tgt Ion:330 Resp: 276368  
Ion Ratio Lower Upper  
330 100  
332 96.1 77.3 115.9  
141 28.7 22.3 33.5



#45  
2-Fluorobiphenyl  
Concen: 92.43 ng  
RT: 9.098 min Scan# 1192  
Delta R.T. -0.006 min  
Lab File: BF122015.D  
Acq: 16 Oct 2020 17:16

Tgt Ion:172 Resp: 1182824  
Ion Ratio Lower Upper  
172 100  
171 36.3 29.1 43.7  
170 24.4 19.8 29.6



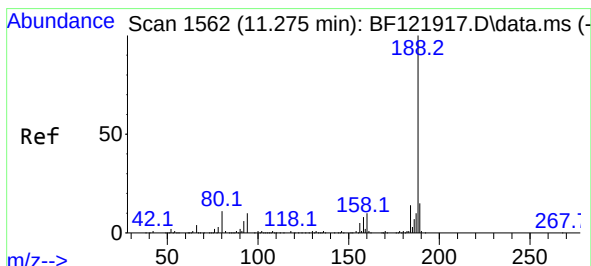
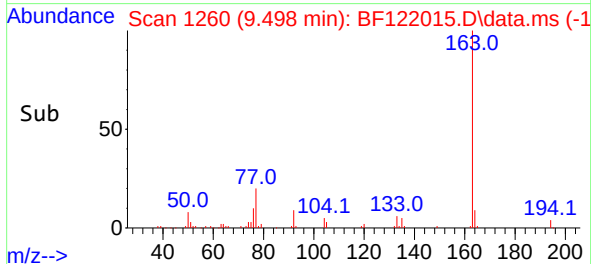
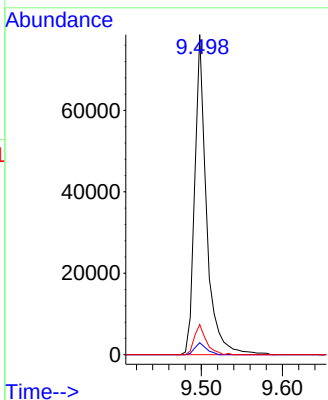
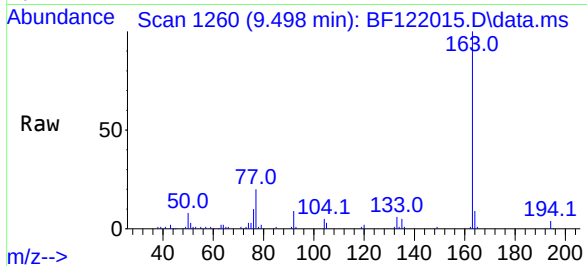


#50  
Dimethylphthalate  
Concen: 5.79 ng  
RT: 9.498 min Scan# 1260  
Delta R.T. -0.006 min  
Lab File: BF122015.D  
Acq: 16 Oct 2020 17:16

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Tgt Ion:163 Resp: 79677

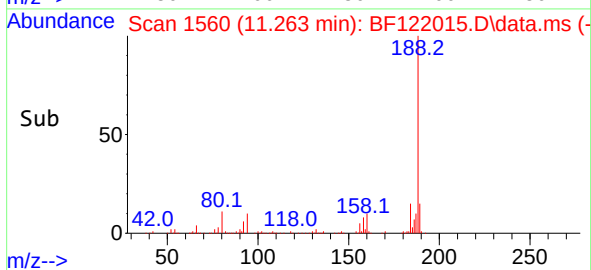
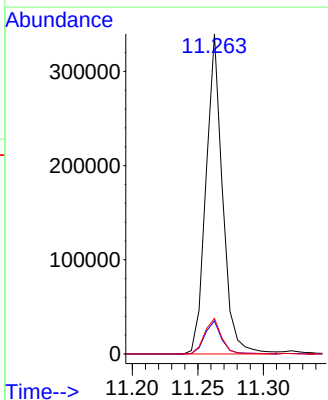
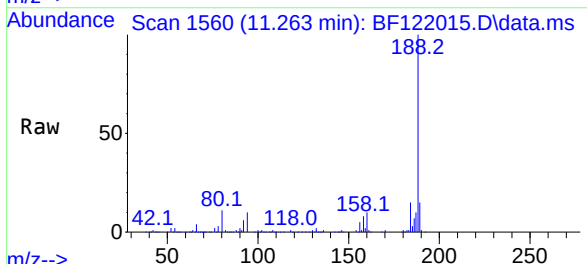
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 163 | 100   |       |       |
| 194 | 3.8   | 3.3   | 4.9   |
| 164 | 9.4   | 8.2   | 12.4  |

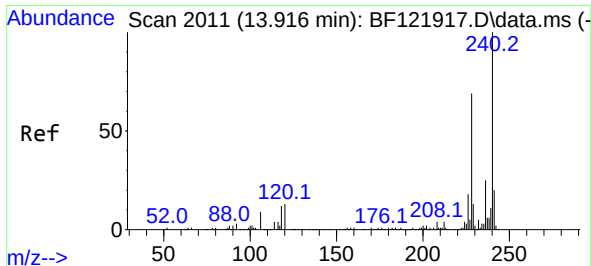


#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.263 min Scan# 1560  
Delta R.T. 0.000 min  
Lab File: BF122015.D  
Acq: 16 Oct 2020 17:16

Tgt Ion:188 Resp: 299668

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 188 | 100   |       |       |
| 94  | 10.3  | 8.3   | 12.5  |
| 80  | 11.1  | 9.1   | 13.7  |

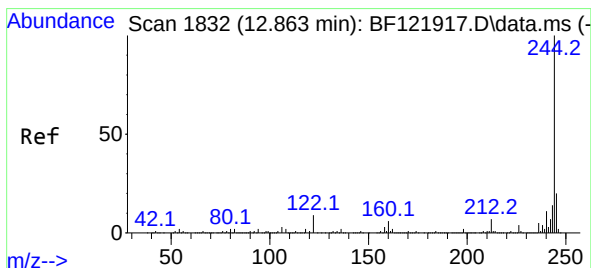
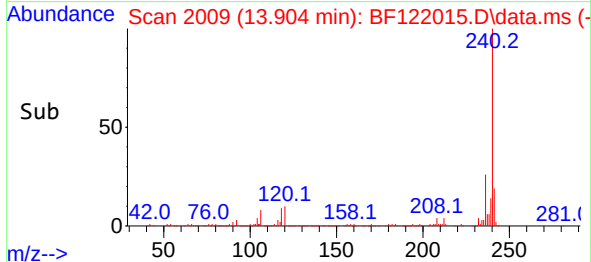
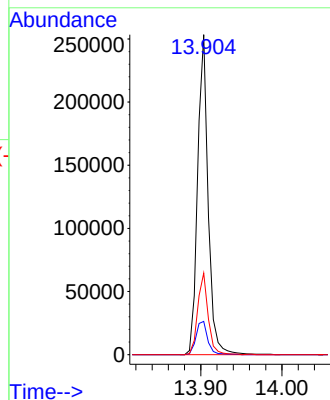
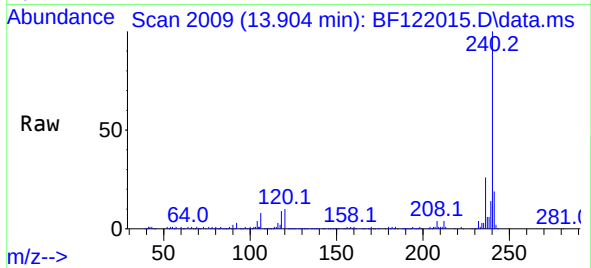




#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 13.904 min Scan# 2009  
Delta R.T. -0.006 min  
Lab File: BF122015.D  
Acq: 16 Oct 2020 17:16

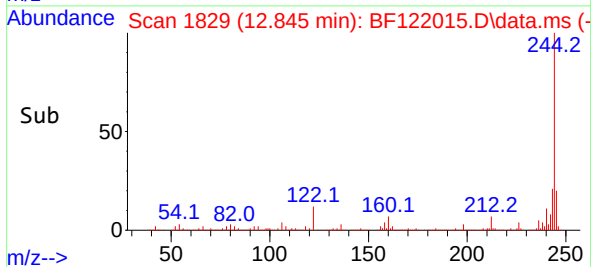
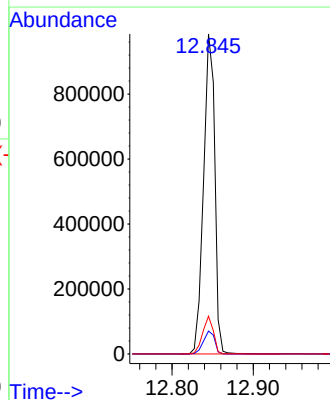
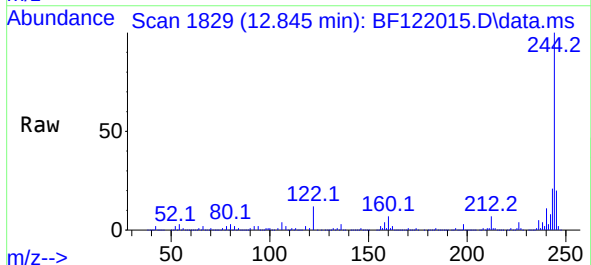
Instrument :  
BNA\_F  
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Tgt Ion:240 Resp: 229545  
Ion Ratio Lower Upper  
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120 10.4 9.2 13.8  
236 25.5 20.9 31.3

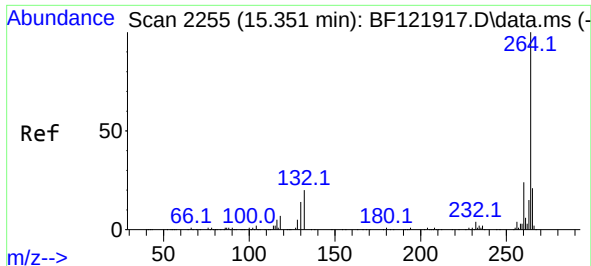


#79  
Terphenyl-d14  
Concen: 78.35 ng  
RT: 12.845 min Scan# 1829  
Delta R.T. -0.006 min  
Lab File: BF122015.D  
Acq: 16 Oct 2020 17:16

Tgt Ion:244 Resp: 943683  
Ion Ratio Lower Upper  
244 100  
212 7.2 5.4 8.2  
122 11.8 8.1 12.1

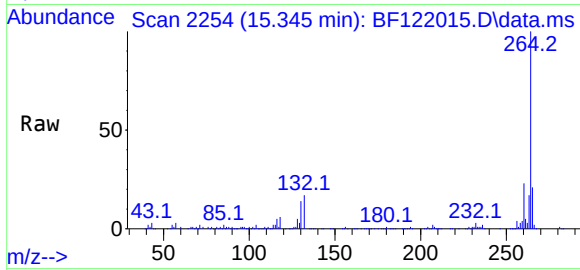






#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 15.345 min Scan# 2254  
Delta R.T. 0.006 min  
Lab File: BF122015.D  
Acq: 16 Oct 2020 17:16

Instrument :  
BNA\_F  
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BU-01-101420



Tgt Ion:264 Resp: 245896  
Ion Ratio Lower Upper  
264 100  
260 23.3 18.7 28.1  
265 21.4 17.3 25.9

