

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF101620\  
 Data File : BF122020.D  
 Acq On : 16 Oct 2020 19:54  
 Operator : JU/CG  
 Sample : L4418-01  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB-2020-WS-000-02

Quant Time: Oct 17 00:00:19 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

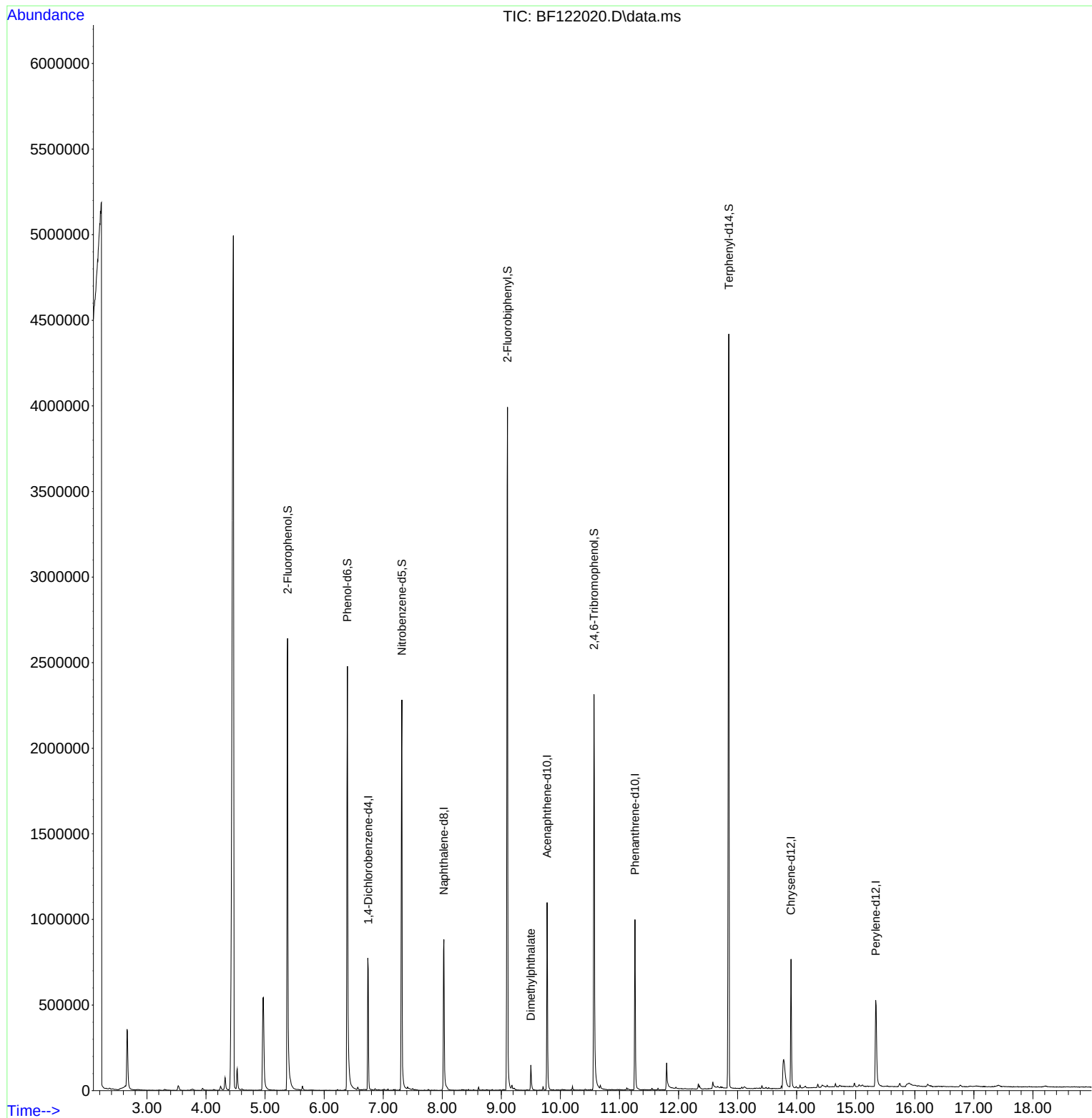
| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min)     |
|-----------------------------|--------|------|----------|--------|-------|--------------|
| -----                       |        |      |          |        |       |              |
| Internal Standards          |        |      |          |        |       |              |
| 1) 1,4-Dichlorobenzene-d4   | 6.745  | 152  | 116627   | 20.00  | ng    | 0.00         |
| 21) Naphthalene-d8          | 8.028  | 136  | 459578   | 20.00  | ng    | 0.00         |
| 39) Acenaphthene-d10        | 9.775  | 164  | 228374   | 20.00  | ng    | 0.00         |
| 64) Phenanthrene-d10        | 11.263 | 188  | 395448   | 20.00  | ng    | 0.00         |
| 76) Chrysene-d12            | 13.904 | 240  | 275102   | 20.00  | ng    | 0.00         |
| 86) Perylene-d12            | 15.339 | 264  | 277329   | 20.00  | ng    | 0.00         |
| System Monitoring Compounds |        |      |          |        |       |              |
| 5) 2-Fluorophenol           | 5.381  | 112  | 836792   | 105.90 | ng    | 0.02         |
| 7) Phenol-d6                | 6.393  | 99   | 946907   | 93.09  | ng    | 0.00         |
| 23) Nitrobenzene-d5         | 7.316  | 82   | 827287   | 92.32  | ng    | 0.00         |
| 42) 2,4,6-Tribromophenol    | 10.569 | 330  | 357976   | 126.72 | ng    | 0.00         |
| 45) 2-Fluorobiphenyl        | 9.104  | 172  | 1420311  | 91.51  | ng    | 0.00         |
| 79) Terphenyl-d14           | 12.851 | 244  | 1514185  | 104.89 | ng    | 0.00         |
| Target Compounds            |        |      |          |        |       |              |
| 50) Dimethylphthalate       | 9.498  | 163  | 68809    | 4.12   | ng    | Qvalue<br>99 |
| -----                       |        |      |          |        |       |              |

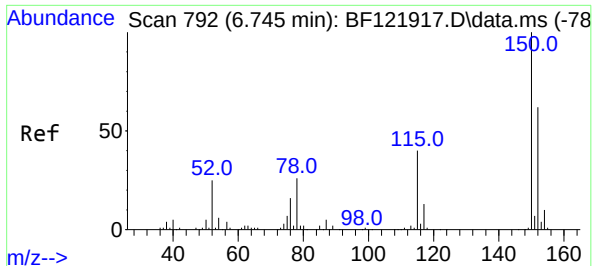
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF101620\  
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Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_F  
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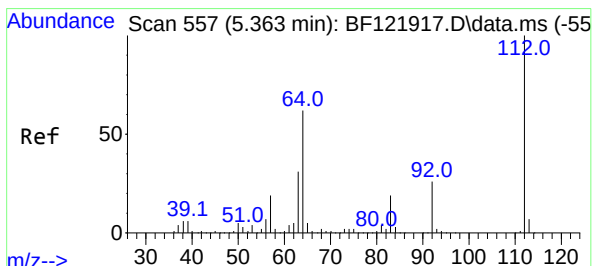
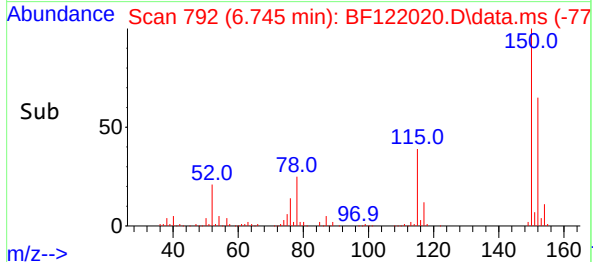
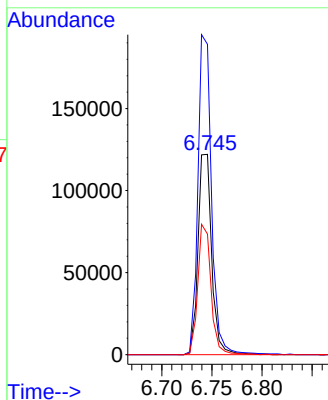
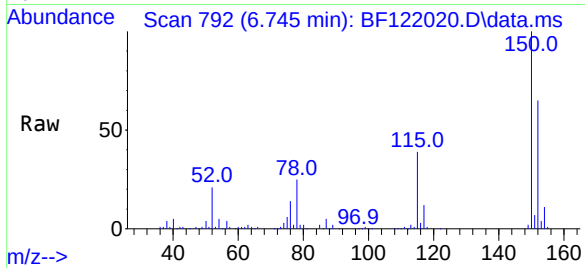




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 6.745 min Scan# 792  
Delta R.T. 0.000 min  
Lab File: BF122020.D  
Acq: 16 Oct 2020 19:54

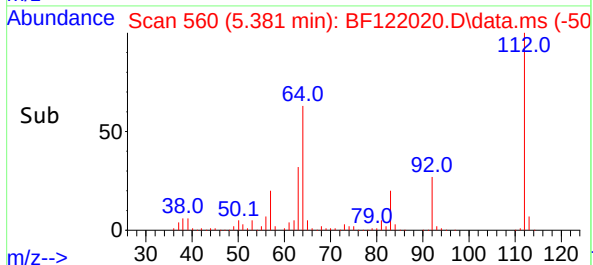
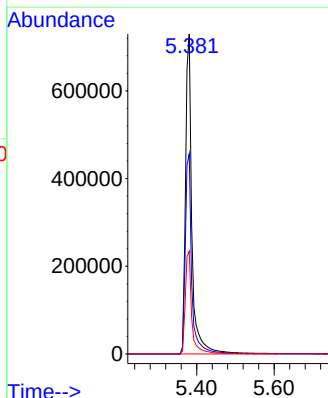
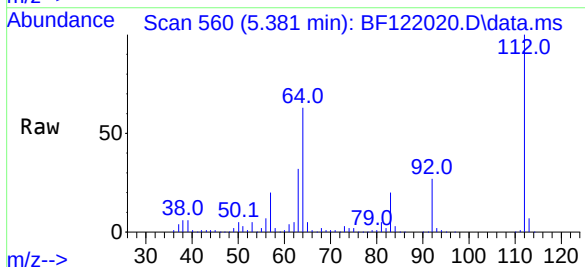
Instrument :  
BNA\_F  
ClientSampleId :  
PB-2020-WS-000-02

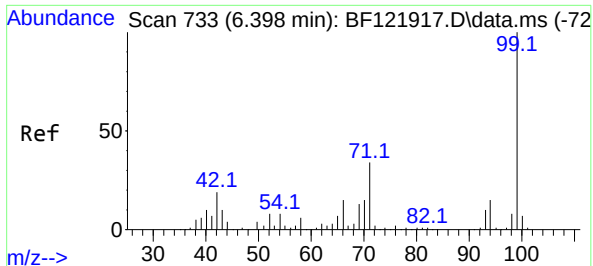
Tgt Ion:152 Resp: 116627  
Ion Ratio Lower Upper  
152 100  
150 155.0 125.3 187.9  
115 60.2 51.9 77.9



#5  
2-Fluorophenol  
Concen: 105.90 ng  
RT: 5.381 min Scan# 560  
Delta R.T. 0.018 min  
Lab File: BF122020.D  
Acq: 16 Oct 2020 19:54

Tgt Ion:112 Resp: 836792  
Ion Ratio Lower Upper  
112 100  
64 62.6 50.4 75.6  
63 32.1 25.8 38.6

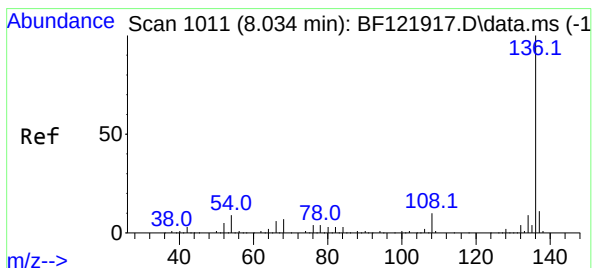
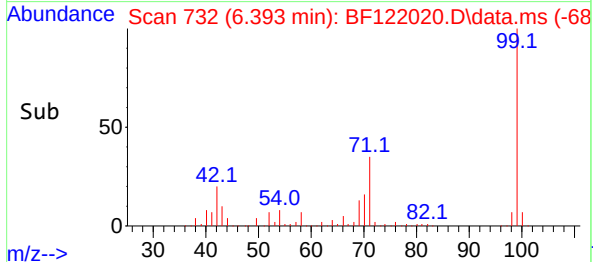
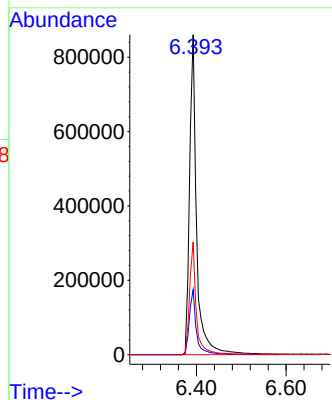
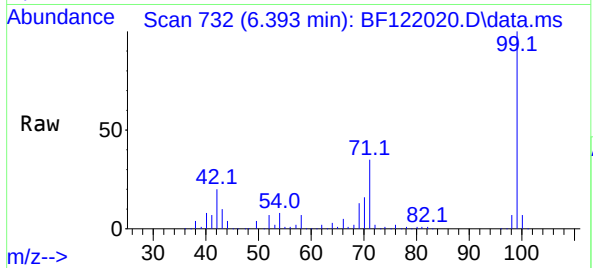




#7  
Phenol-d6  
Concen: 93.09 ng  
RT: 6.393 min Scan# 732  
Delta R.T. 0.000 min  
Lab File: BF122020.D  
Acq: 16 Oct 2020 19:54

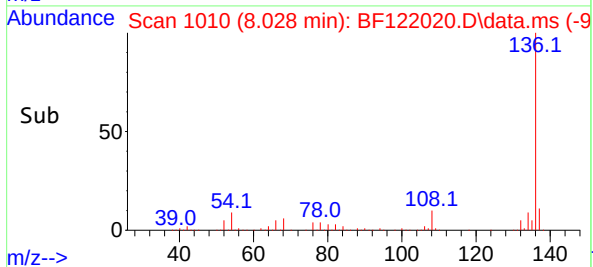
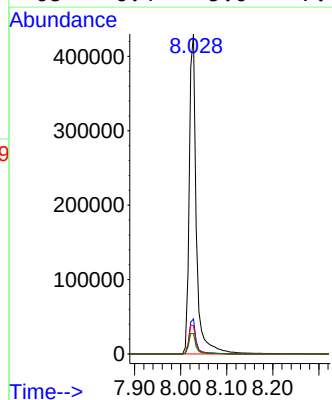
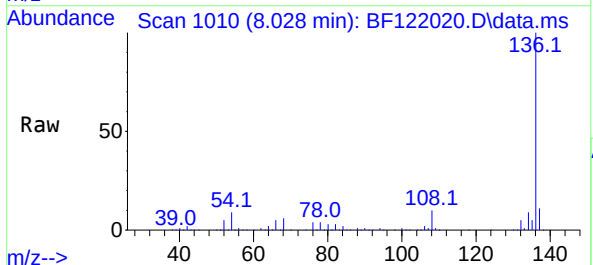
Instrument :  
BNA\_F  
ClientSampleId :  
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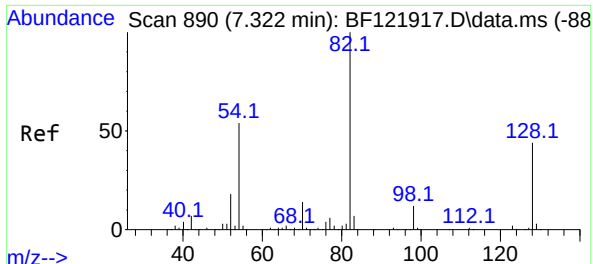
Tgt Ion: 99 Resp: 946907  
Ion Ratio Lower Upper  
99 100  
42 20.3 15.9 23.9  
71 35.2 27.1 40.7



#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 8.028 min Scan# 1010  
Delta R.T. 0.000 min  
Lab File: BF122020.D  
Acq: 16 Oct 2020 19:54

Tgt Ion: 136 Resp: 459578  
Ion Ratio Lower Upper  
136 100  
137 10.9 8.6 13.0  
54 8.9 7.1 10.7  
68 6.4 5.0 7.4

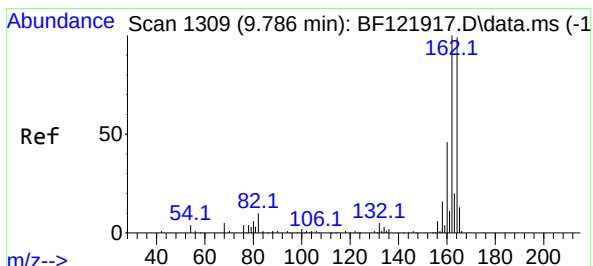
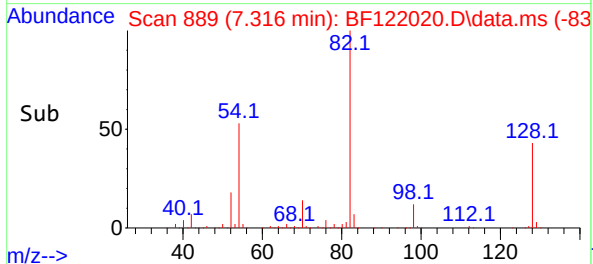
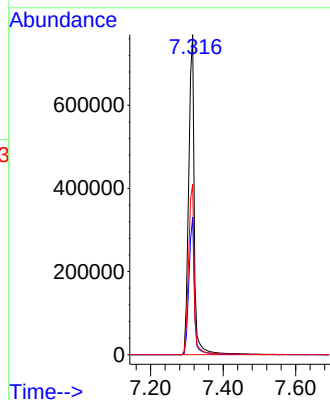
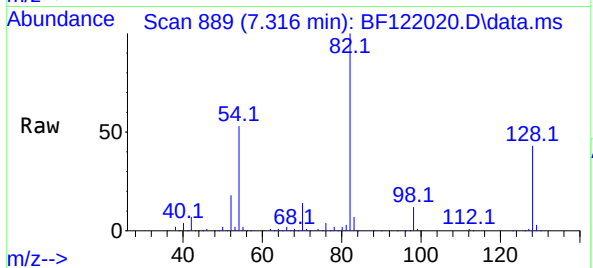




#23  
Nitrobenzene-d5  
Concen: 92.32 ng  
RT: 7.316 min Scan# 889  
Delta R.T. 0.000 min  
Lab File: BF122020.D  
Acq: 16 Oct 2020 19:54

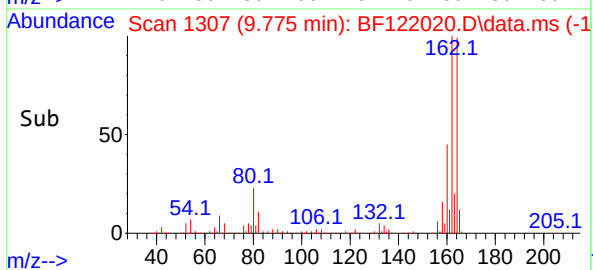
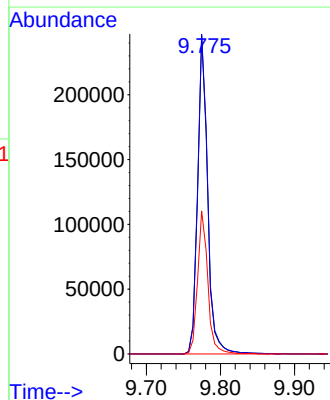
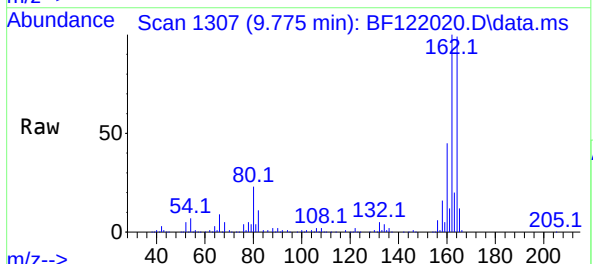
Instrument :  
BNA\_F  
ClientSampleId :  
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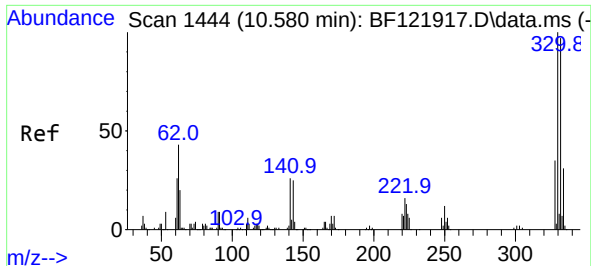
Tgt Ion: 82 Resp: 827287  
Ion Ratio Lower Upper  
82 100  
128 42.9 35.0 52.4  
54 53.4 43.9 65.9



#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 9.775 min Scan# 1307  
Delta R.T. -0.006 min  
Lab File: BF122020.D  
Acq: 16 Oct 2020 19:54

Tgt Ion: 164 Resp: 228374  
Ion Ratio Lower Upper  
164 100  
162 100.6 83.2 124.8  
160 45.0 37.5 56.3

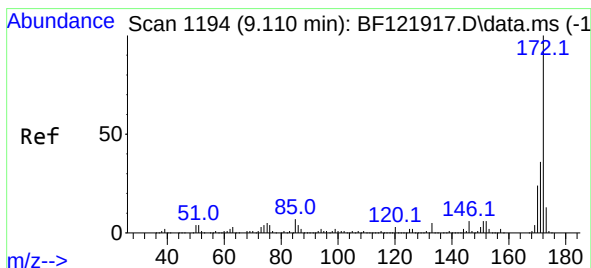
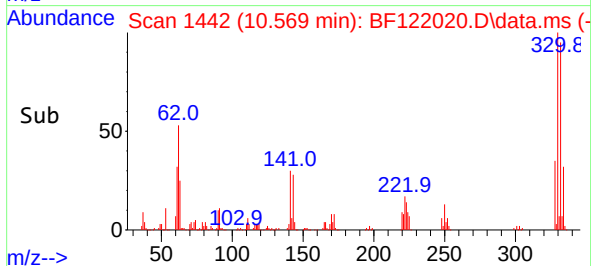
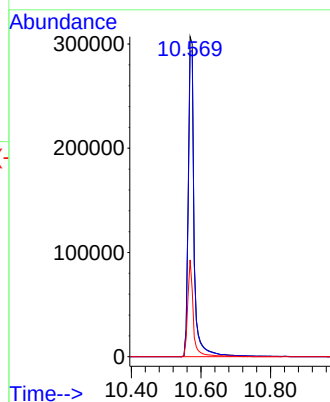
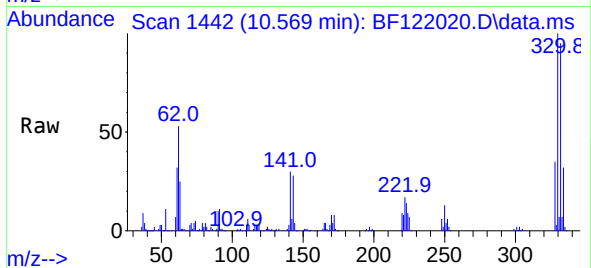




#42  
2,4,6-Tribromophenol  
Concen: 126.72 ng  
RT: 10.569 min Scan# 1442  
Delta R.T. -0.006 min  
Lab File: BF122020.D  
Acq: 16 Oct 2020 19:54

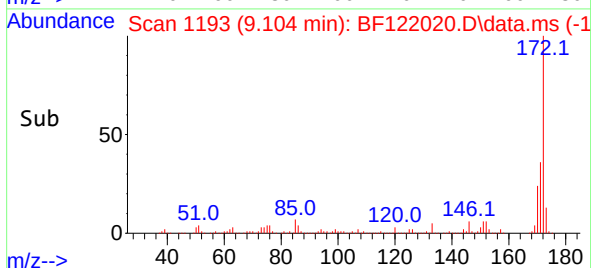
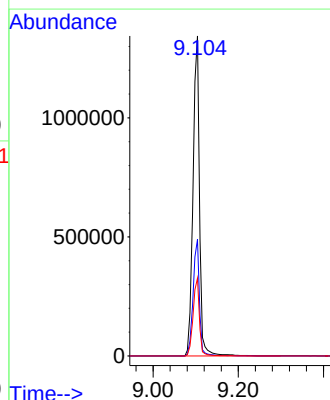
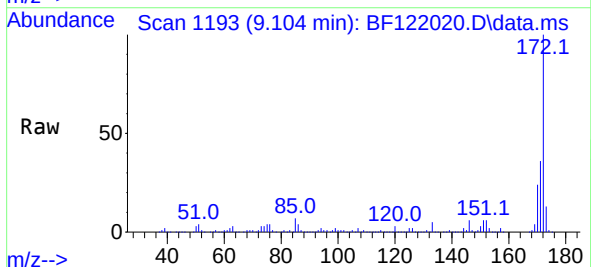
Instrument :  
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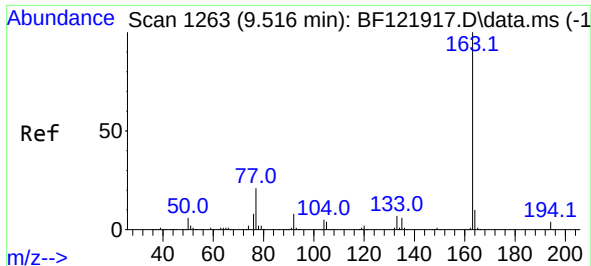
Tgt Ion: 330 Resp: 357976  
Ion Ratio Lower Upper  
330 100  
332 95.8 77.3 115.9  
141 28.8 22.3 33.5



#45  
2-Fluorobiphenyl  
Concen: 91.51 ng  
RT: 9.104 min Scan# 1193  
Delta R.T. 0.000 min  
Lab File: BF122020.D  
Acq: 16 Oct 2020 19:54

Tgt Ion: 172 Resp: 1420311  
Ion Ratio Lower Upper  
172 100  
171 36.4 29.1 43.7  
170 24.3 19.8 29.6

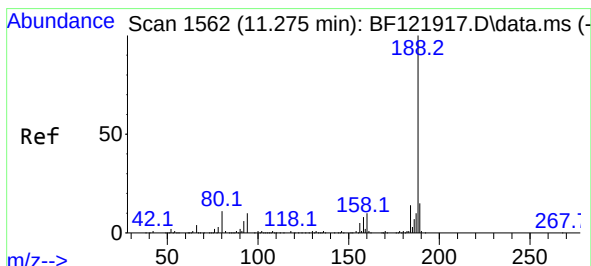
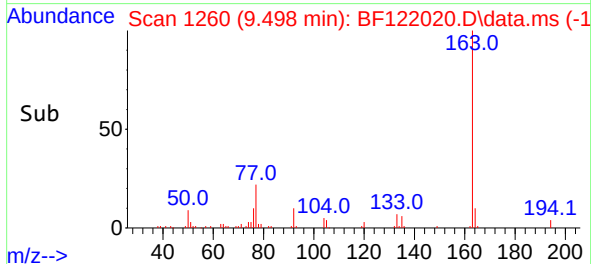
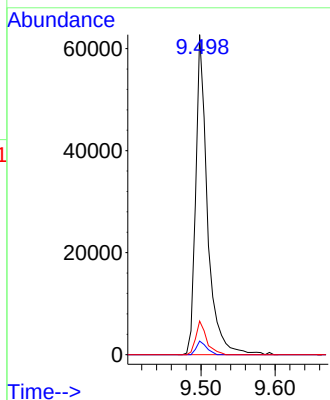
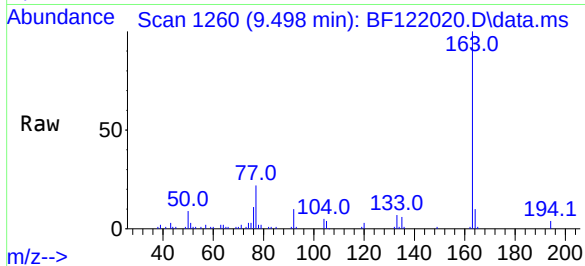




#50  
Dimethylphthalate  
Concen: 4.12 ng  
RT: 9.498 min Scan# 1260  
Delta R.T. -0.006 min  
Lab File: BF122020.D  
Acq: 16 Oct 2020 19:54

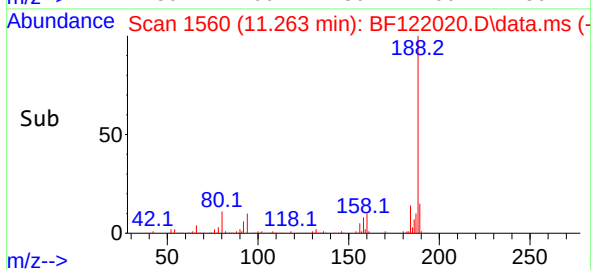
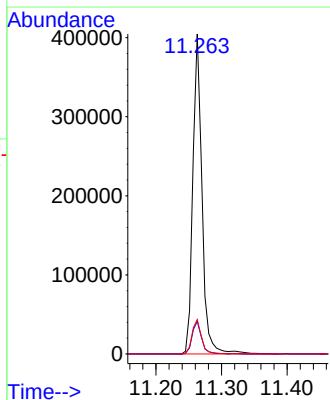
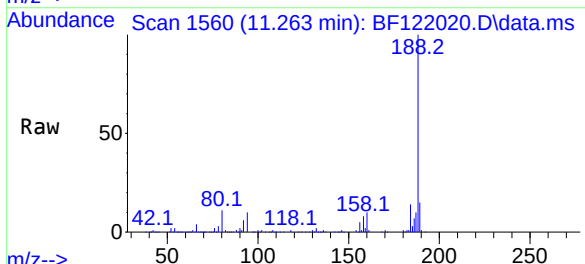
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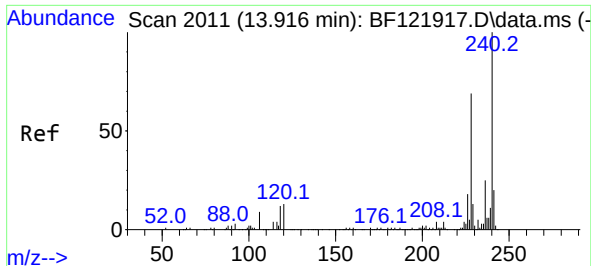
Tgt Ion:163 Resp: 68809  
Ion Ratio Lower Upper  
163 100  
194 4.3 3.3 4.9  
164 10.5 8.2 12.4



#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.263 min Scan# 1560  
Delta R.T. 0.000 min  
Lab File: BF122020.D  
Acq: 16 Oct 2020 19:54

Tgt Ion:188 Resp: 395448  
Ion Ratio Lower Upper  
188 100  
94 10.2 8.3 12.5  
80 10.8 9.1 13.7

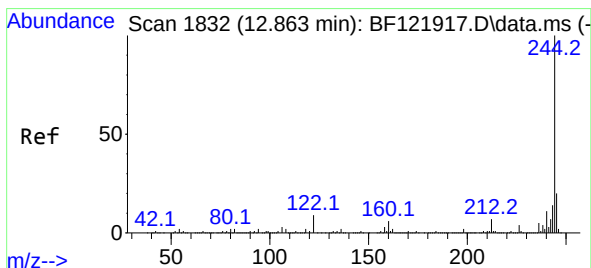
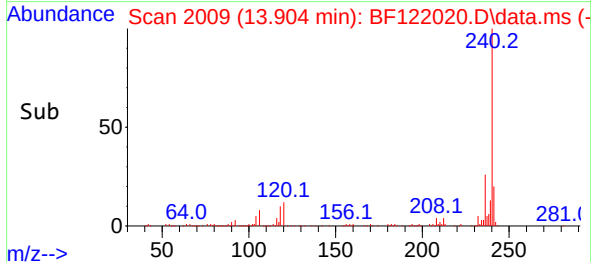
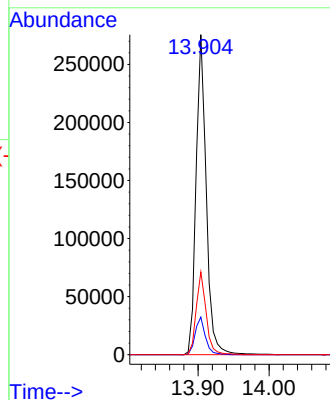
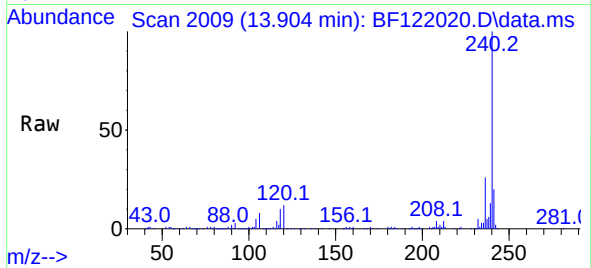




#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 13.904 min Scan# 2009  
Delta R.T. -0.006 min  
Lab File: BF122020.D  
Acq: 16 Oct 2020 19:54

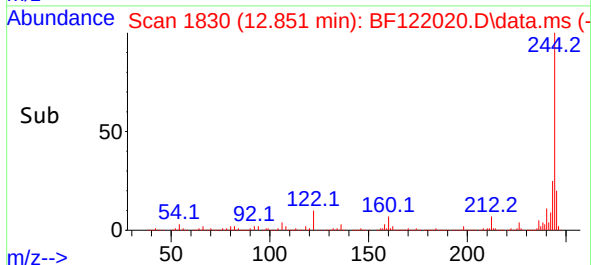
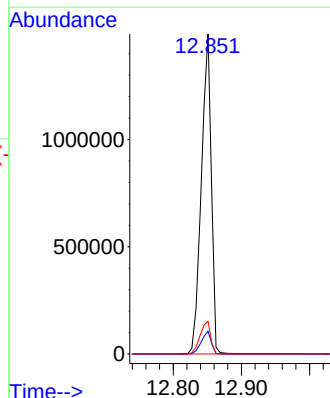
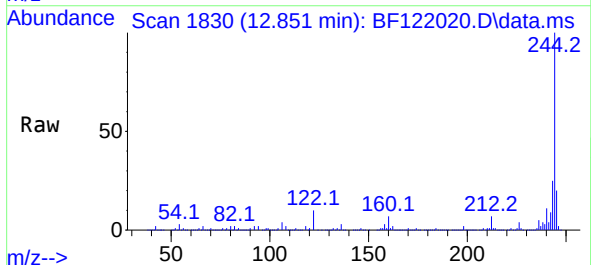
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Tgt Ion:240 Resp: 275102  
Ion Ratio Lower Upper  
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236 25.9 20.9 31.3

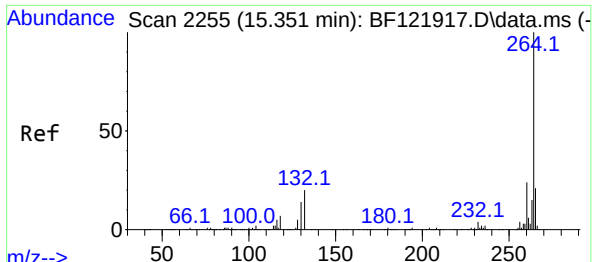


#79  
Terphenyl-d14  
Concen: 104.89 ng  
RT: 12.851 min Scan# 1830  
Delta R.T. 0.000 min  
Lab File: BF122020.D  
Acq: 16 Oct 2020 19:54

Tgt Ion:244 Resp: 1514185  
Ion Ratio Lower Upper  
244 100  
212 7.1 5.4 8.2  
122 10.2 8.1 12.1







#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 15.339 min Scan# 2253  
Delta R.T. 0.000 min  
Lab File: BF122020.D  
Acq: 16 Oct 2020 19:54

Instrument :  
BNA\_F  
ClientSampleId :  
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Tgt Ion:264 Resp: 277329

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 23.5  | 18.7  | 28.1  |
| 265 | 21.8  | 17.3  | 25.9  |

