

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF101620\  
 Data File : BF122021.D  
 Acq On : 16 Oct 2020 20:25  
 Operator : JU/CG  
 Sample : L4374-06 10X  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 S3

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Quant Time: Oct 17 00:00:34 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   | 6.739  | 152  | 112046   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.028  | 136  | 436387   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.780  | 164  | 189212   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.274 | 188  | 274276   | 20.00 | ng    | # 0.01   |
| 76) Chrysene-d12            | 13.910 | 240  | 249752   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12            | 15.345 | 264  | 203763   | 20.00 | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |       |       |          |
| 5) 2-Fluorophenol           | 5.369  | 112  | 60575    | 7.98  | ng    | 0.00     |
| 7) Phenol-d6                | 6.404  | 99   | 91304m   | 9.34  | ng    | 0.01     |
| 23) Nitrobenzene-d5         | 7.310  | 82   | 55954    | 6.58  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.580 | 330  | 16217    | 6.93  | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.098  | 172  | 107922   | 8.39  | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.851 | 244  | 77611    | 5.92  | ng    | 0.00     |

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

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

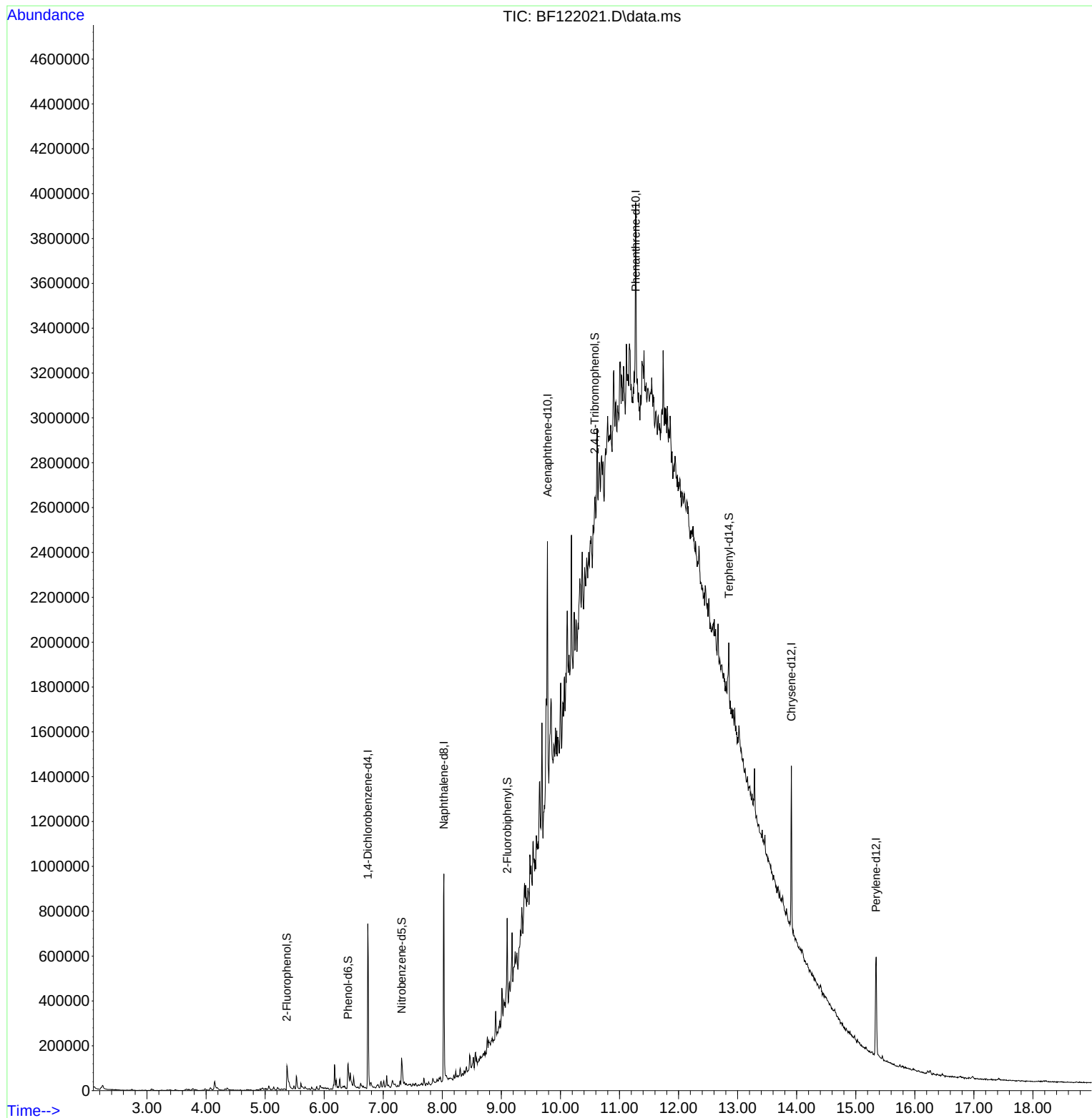
Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF101620\  
Data File : BF122021.D  
Acq On : 16 Oct 2020 20:25  
Operator : JU/CG  
Sample : L4374-06 10X  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

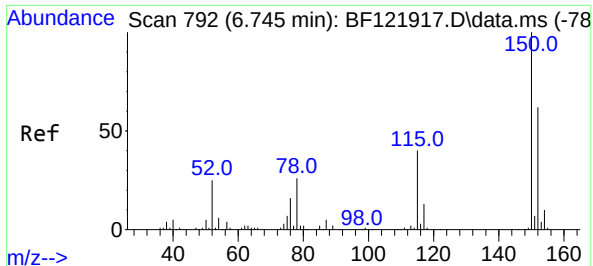
Instrument :  
BNA\_F  
ClientSampled :  
S3

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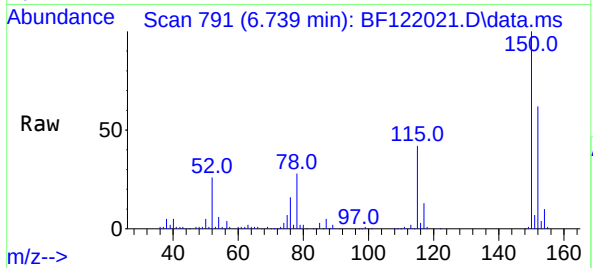
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Quant Time: Oct 17 00:00:34 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF101220.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Oct 15 12:55:05 2020  
Response via : Initial Calibration

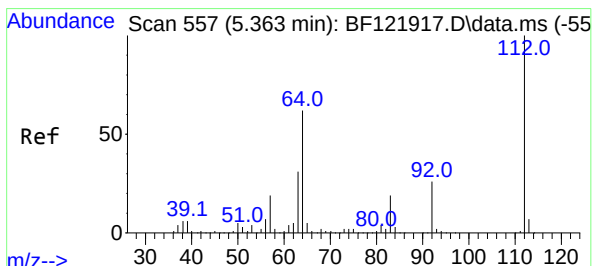
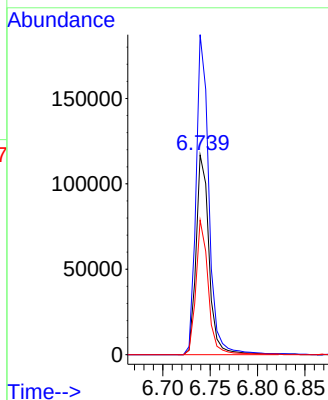
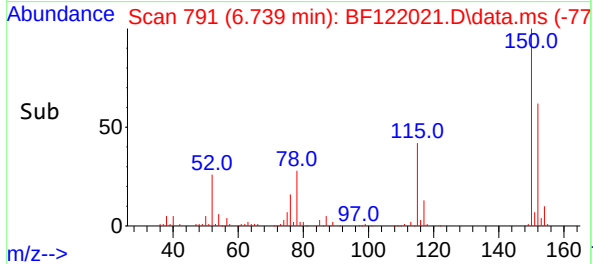




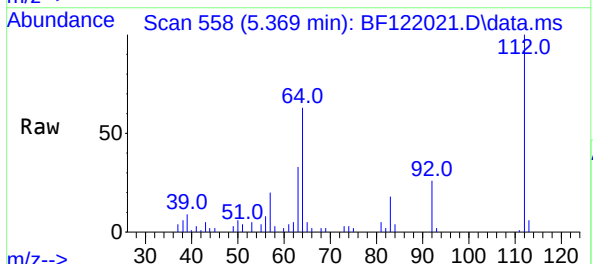
#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 6.739 min Scan# 791  
Delta R.T. -0.006 min  
Lab File: BF122021.D  
Acq: 16 Oct 2020 20:25



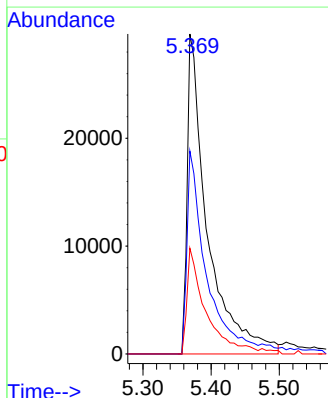
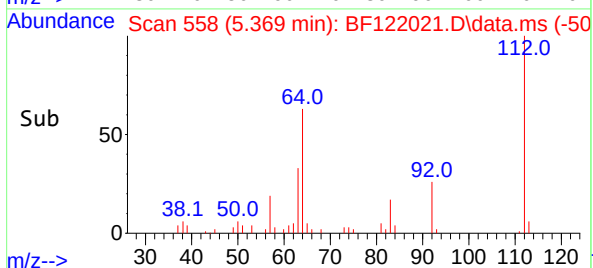
Tgt Ion:152 Resp: 112046  
Ion Ratio Lower Upper  
152 100  
150 160.2 125.3 187.9  
115 67.4 51.9 77.9



#5  
2-Fluorophenol  
Concen: 7.98 ng  
RT: 5.369 min Scan# 558  
Delta R.T. 0.006 min  
Lab File: BF122021.D  
Acq: 16 Oct 2020 20:25



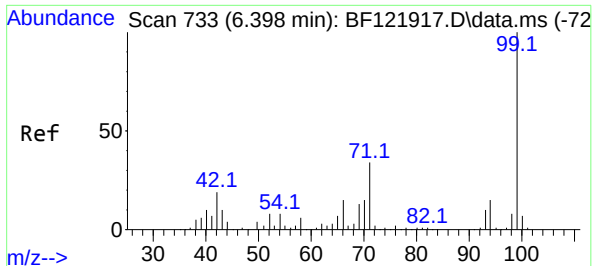
Tgt Ion:112 Resp: 60575  
Ion Ratio Lower Upper  
112 100  
64 63.4 50.4 75.6  
63 33.0 25.8 38.6



Instrument :  
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ClientSampled :  
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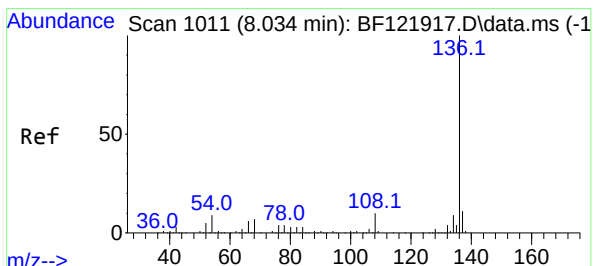
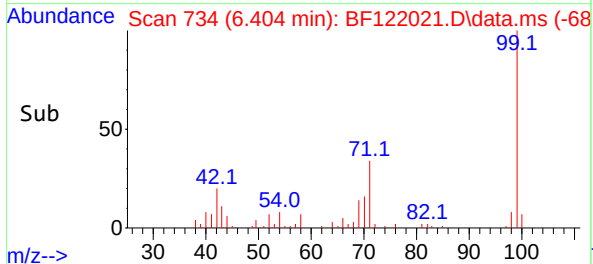
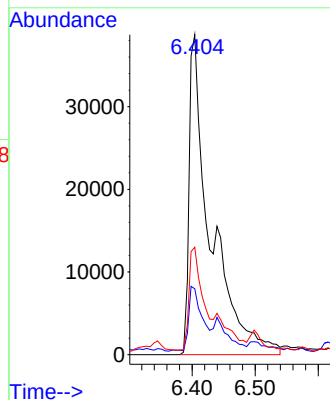
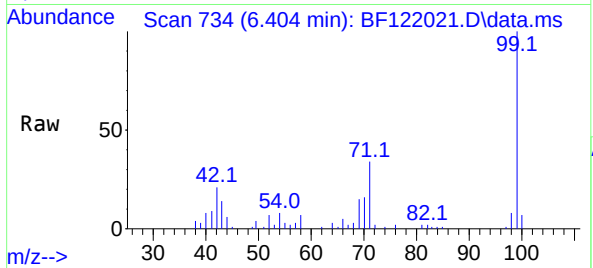
#7  
Phenol-d6  
Concen: 9.34 ng m  
RT: 6.404 min Scan# 734  
Delta R.T. 0.012 min  
Lab File: BF122021.D  
Acq: 16 Oct 2020 20:25

Tgt Ion: 99 Resp: 91304  
Ion Ratio Lower Upper  
99 100  
42 20.6 15.9 23.9  
71 33.6 27.1 40.7

Instrument :  
BNA\_F  
ClientSampled :  
S3

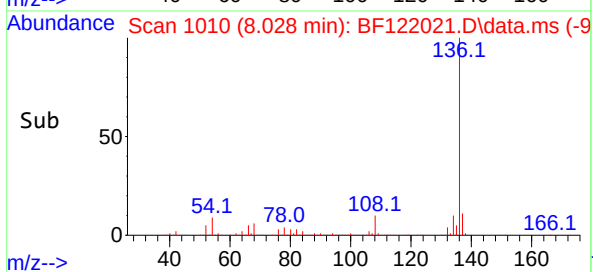
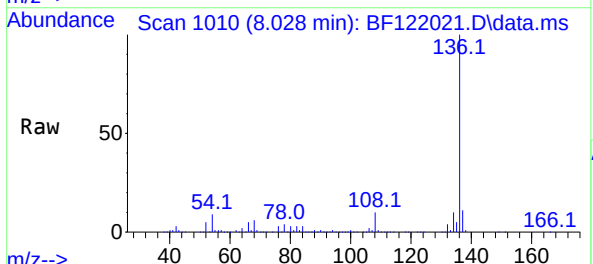
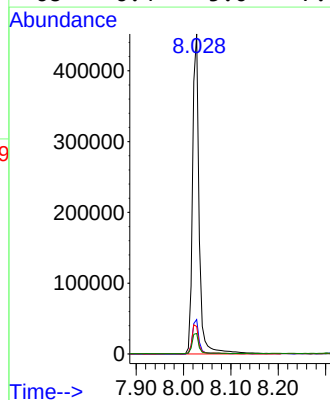
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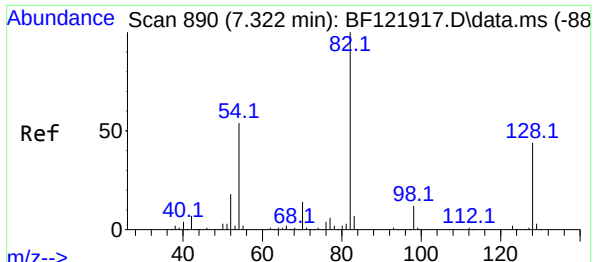
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#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 8.028 min Scan# 1010  
Delta R.T. 0.000 min  
Lab File: BF122021.D  
Acq: 16 Oct 2020 20:25

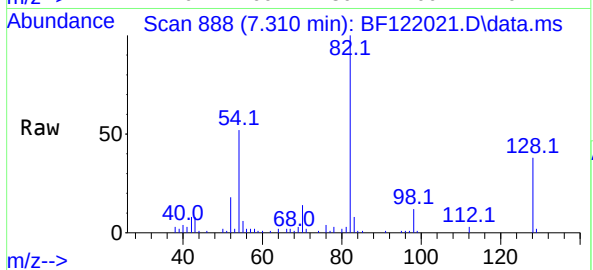
Tgt Ion: 136 Resp: 436387  
Ion Ratio Lower Upper  
136 100  
137 10.7 8.6 13.0  
54 8.6 7.1 10.7  
68 6.4 5.0 7.4





#23  
Nitrobenzene-d5  
Concen: 6.58 ng  
RT: 7.310 min Scan# 888  
Delta R.T. -0.006 min  
Lab File: BF122021.D  
Acq: 16 Oct 2020 20:25

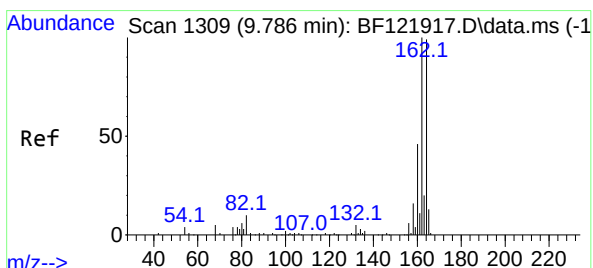
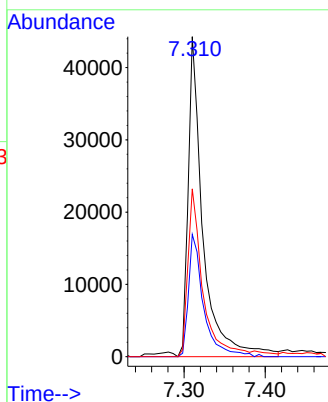
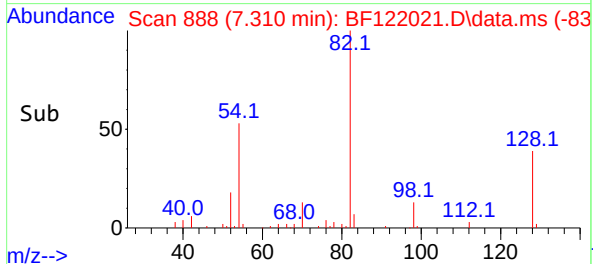
Instrument :  
BNA\_F  
ClientSampled :  
S3



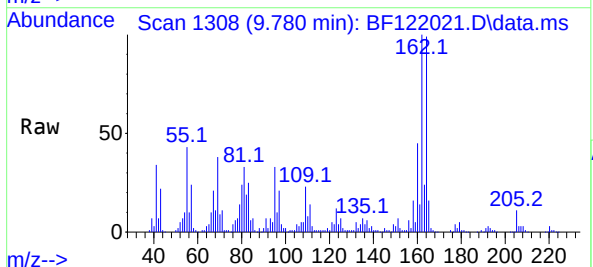
Tgt Ion: 82 Resp: 55954  
Ion Ratio Lower Upper  
82 100  
128 38.2 35.0 52.4  
54 52.5 43.9 65.9

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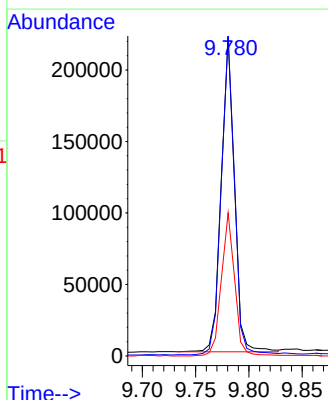
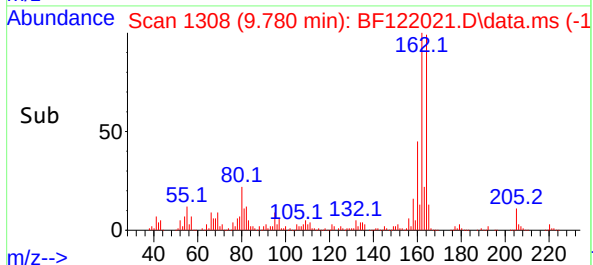
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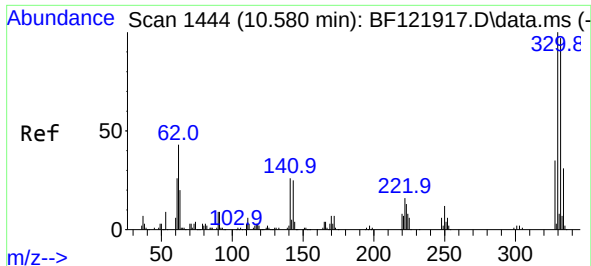


#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 9.780 min Scan# 1308  
Delta R.T. 0.000 min  
Lab File: BF122021.D  
Acq: 16 Oct 2020 20:25



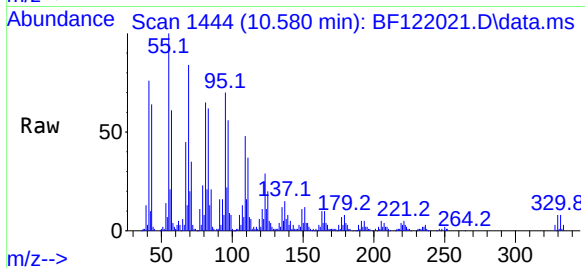
Tgt Ion: 164 Resp: 189212  
Ion Ratio Lower Upper  
164 100  
162 100.5 83.2 124.8  
160 45.0 37.5 56.3





#42  
2,4,6-Tribromophenol  
Concen: 6.93 ng  
RT: 10.580 min Scan# 1444  
Delta R.T. 0.006 min  
Lab File: BF122021.D  
Acq: 16 Oct 2020 20:25

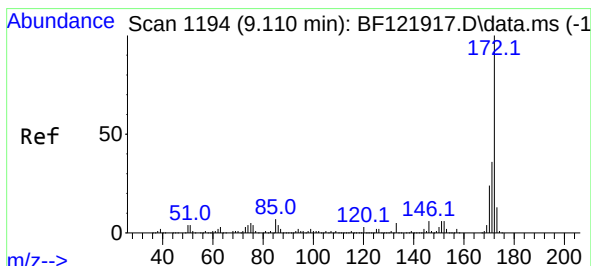
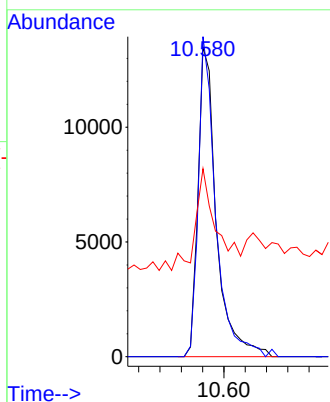
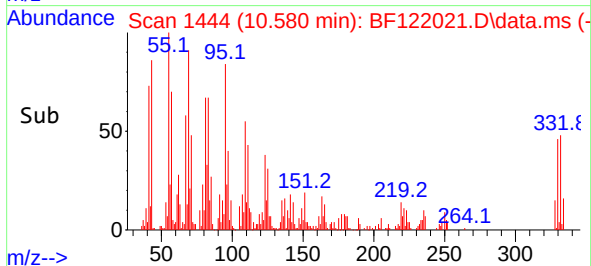
Instrument :  
BNA\_F  
ClientSampled :  
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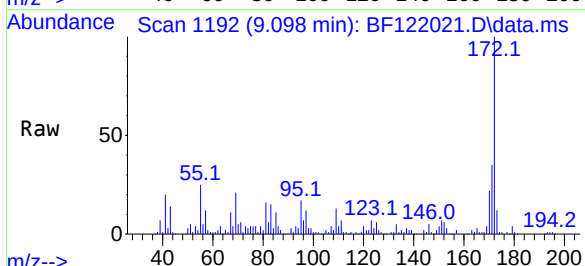
Tgt Ion: 330 Resp: 16217  
Ion Ratio Lower Upper  
330 100  
332 98.4 77.3 115.9  
141 37.3 22.3 33.5#

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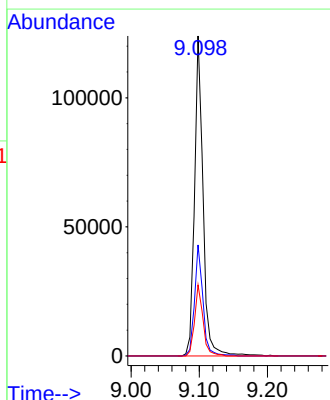
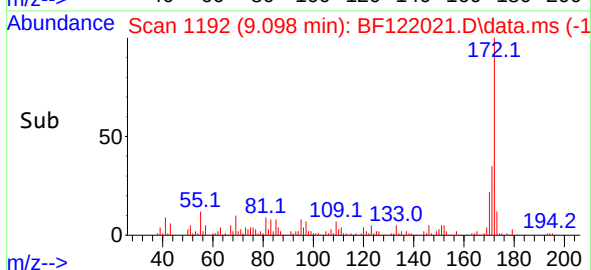
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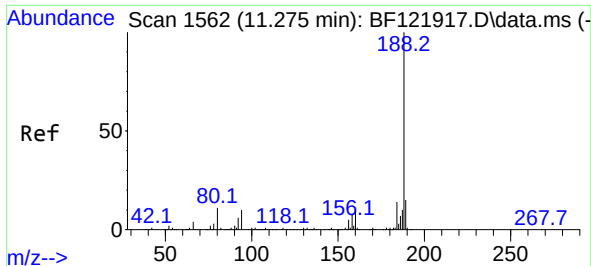


#45  
2-Fluorobiphenyl  
Concen: 8.39 ng  
RT: 9.098 min Scan# 1192  
Delta R.T. -0.006 min  
Lab File: BF122021.D  
Acq: 16 Oct 2020 20:25



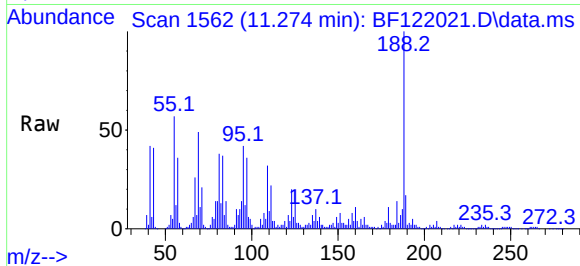
Tgt Ion: 172 Resp: 107922  
Ion Ratio Lower Upper  
172 100  
171 34.7 29.1 43.7  
170 22.2 19.8 29.6





#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.274 min Scan# 1562  
Delta R.T. 0.012 min  
Lab File: BF122021.D  
Acq: 16 Oct 2020 20:25

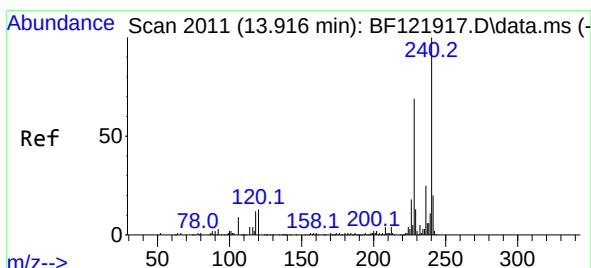
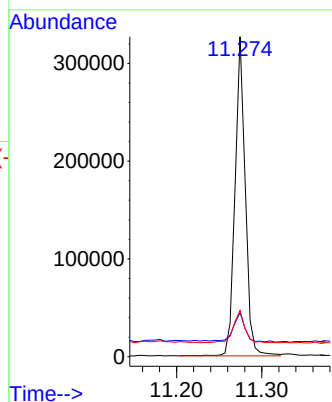
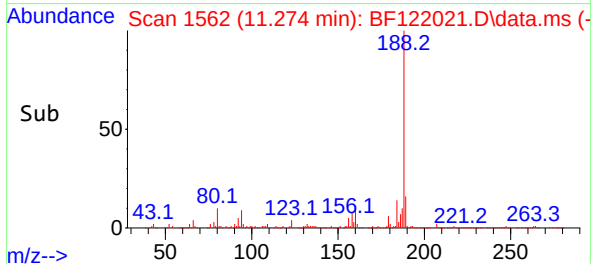
Instrument :  
BNA\_F  
ClientSampled :  
S3



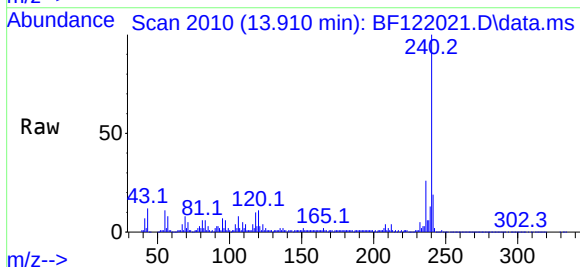
Tgt Ion:188 Resp: 274276  
Ion Ratio Lower Upper  
188 100  
94 13.7 8.3 12.5#  
80 14.4 9.1 13.7#

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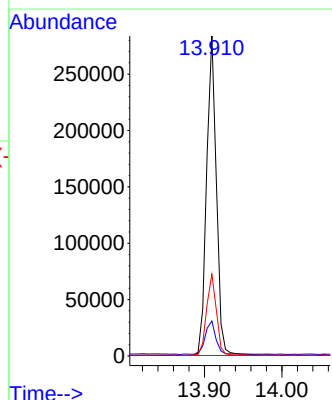
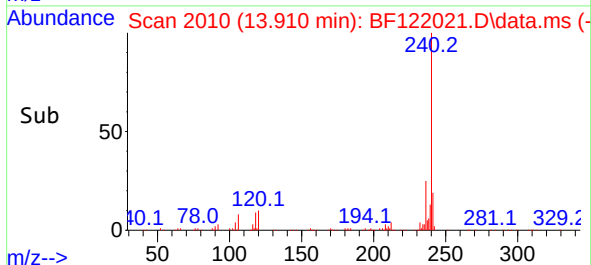
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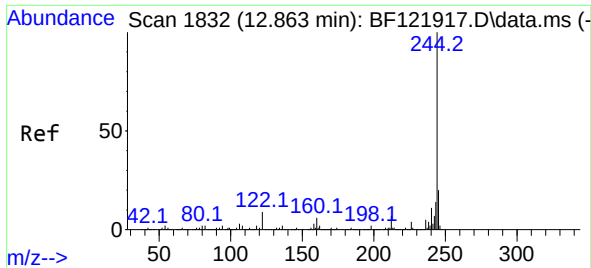


#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 13.910 min Scan# 2010  
Delta R.T. 0.000 min  
Lab File: BF122021.D  
Acq: 16 Oct 2020 20:25



Tgt Ion:240 Resp: 249752  
Ion Ratio Lower Upper  
240 100  
120 11.0 9.2 13.8  
236 25.5 20.9 31.3





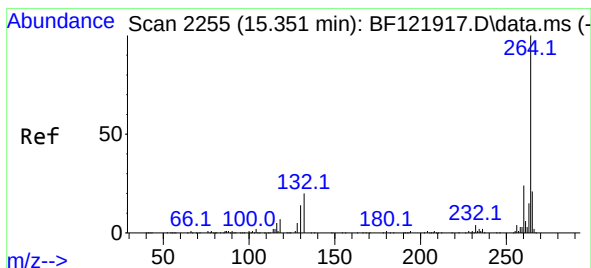
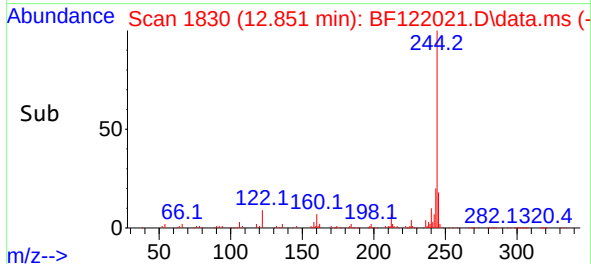
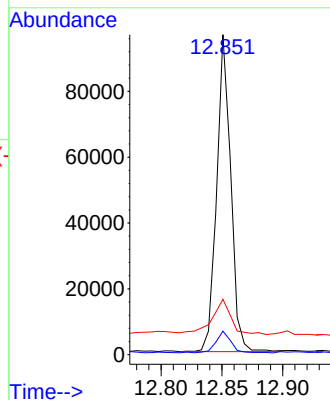
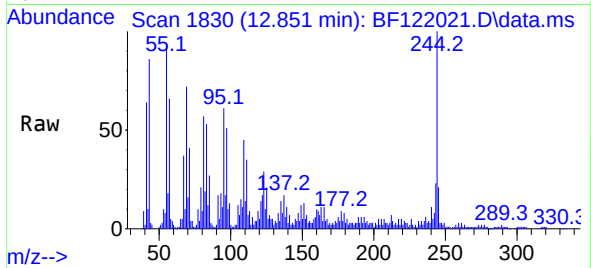
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Terphenyl-d14  
Concen: 5.92 ng  
RT: 12.851 min Scan# 1830  
Delta R.T. 0.000 min  
Lab File: BF122021.D  
Acq: 16 Oct 2020 20:25

Tgt Ion:244 Resp: 77611  
Ion Ratio Lower Upper  
244 100  
212 7.3 5.4 8.2  
122 17.3 8.1 12.1#

Instrument :  
BNA\_F  
ClientSampled :  
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#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 15.345 min Scan# 2254  
Delta R.T. 0.006 min  
Lab File: BF122021.D  
Acq: 16 Oct 2020 20:25

Tgt Ion:264 Resp: 203763  
Ion Ratio Lower Upper  
264 100  
260 23.2 18.7 28.1  
265 21.2 17.3 25.9

