

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102320\  
 Data File : BF122112.D  
 Acq On : 23 Oct 2020 21:54  
 Operator : JU/CG  
 Sample : L4487-05 10X  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 D-91

Quant Time: Oct 23 23:37:53 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF101220.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Oct 21 12:04:42 2020  
 Response via : Initial Calibration

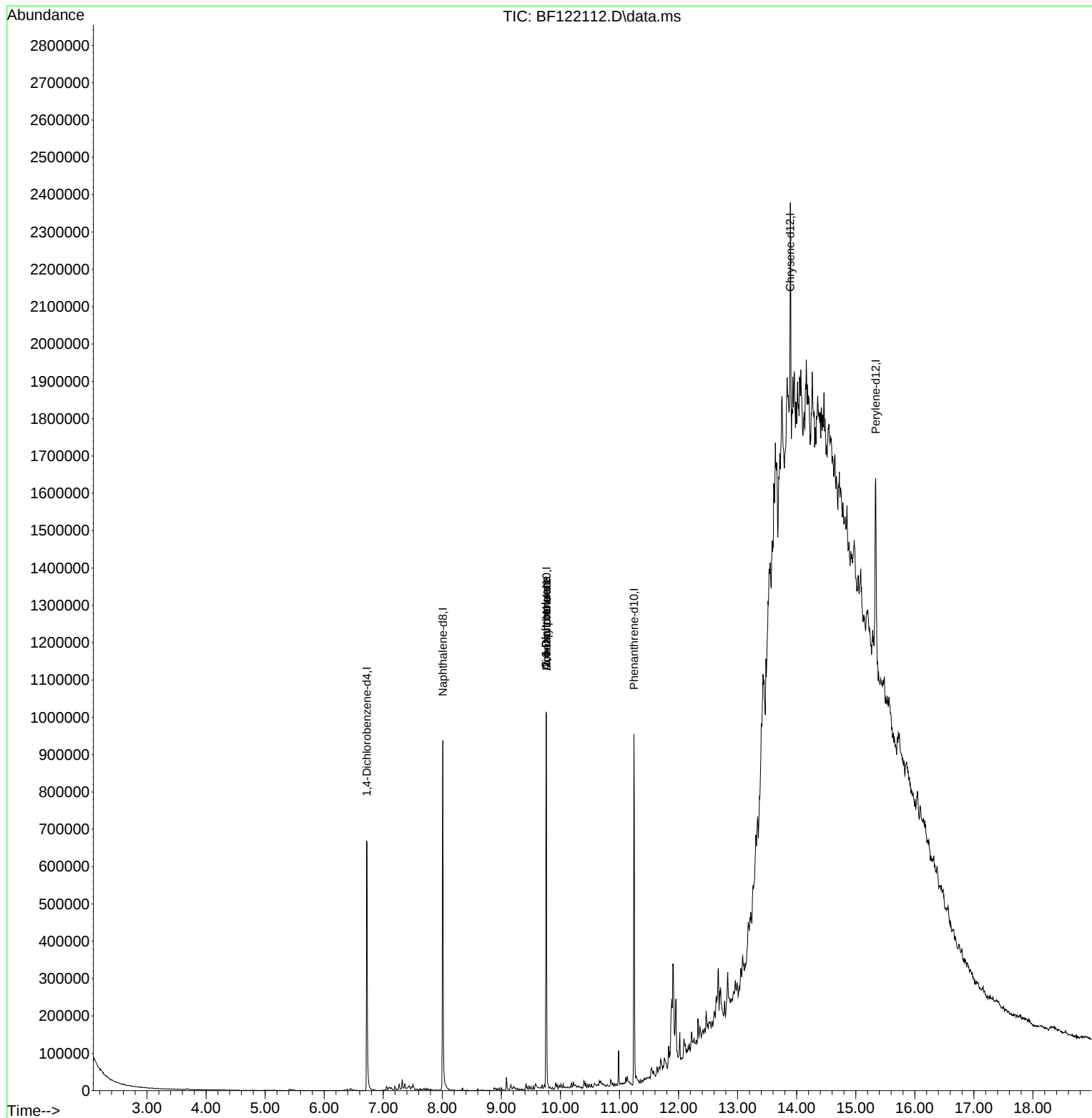
| Compound                    | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|--------|------|----------|-------|-------|----------|
| -----                       |        |      |          |       |       |          |
| Internal Standards          |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.722  | 152  | 108539   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.010  | 136  | 440070   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.763  | 164  | 217148   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.245 | 188  | 347753   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12            | 13.892 | 240  | 238015   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12            | 15.339 | 264  | 247823   | 20.00 | ng    | 0.02     |
| System Monitoring Compounds |        |      |          |       |       |          |
| 5) 2-Fluorophenol           | 5.416  | 112  | 3246     | 0.44  | ng    | 0.07     |
| 7) Phenol-d6                | 6.457  | 99   | 7070     | 0.75  | ng    | 0.08     |
| 23) Nitrobenzene-d5         | 7.328  | 82   | 6750     | 0.79  | ng    | 0.02     |
| 42) 2,4,6-Tribromophenol    | 10.575 | 330  | 1109     | 0.41  | ng    | 0.02     |
| 45) 2-Fluorobiphenyl        | 9.086  | 172  | 14038    | 0.95  | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.827 | 244  | 11859    | 0.95  | ng    | 0.00     |
| Target Compounds            |        |      |          |       |       |          |
| 50) Dimethylphthalate       | 9.763  | 163  | 46521    | 2.93  | ng    | # 1      |
| 51) 2,6-Dinitrotoluene      | 9.757  | 165  | 27199    | 7.81  | ng    | # 21     |
| 57) 2,4-Dinitrotoluene      | 9.757  | 165  | 27199    | 6.34  | ng    | # 20     |
| -----                       |        |      |          |       |       |          |

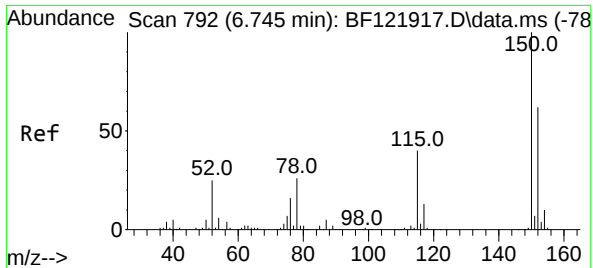
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102320\  
Data File : BF122112.D  
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Sample : L4487-05 10X  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
D-91

Quant Time: Oct 23 23:37:53 2020  
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Oct 21 12:04:42 2020  
Response via : Initial Calibration

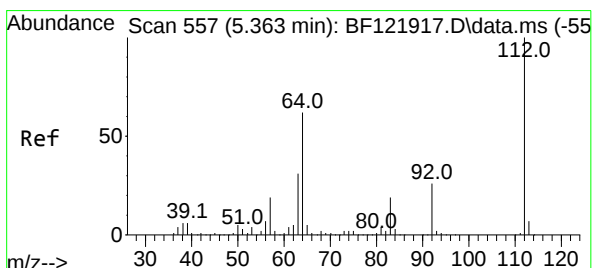
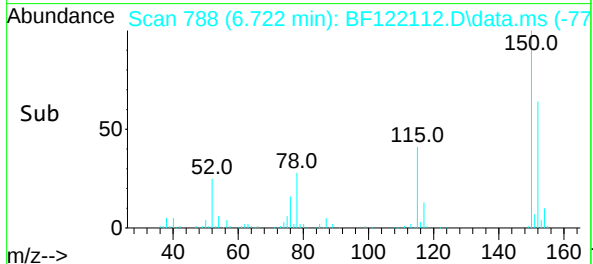
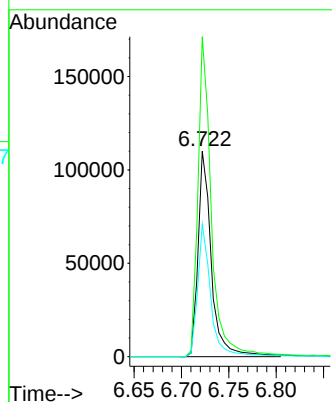
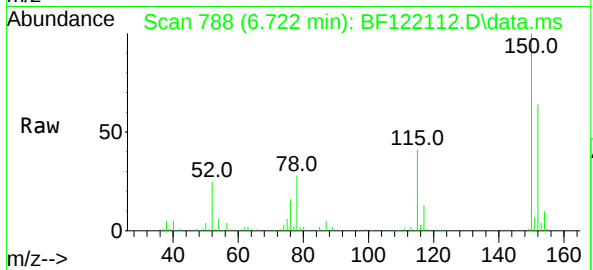




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 6.722 min Scan# 788  
Delta R.T. -0.006 min  
Lab File: BF122112.D  
Acq: 23 Oct 2020 21:54

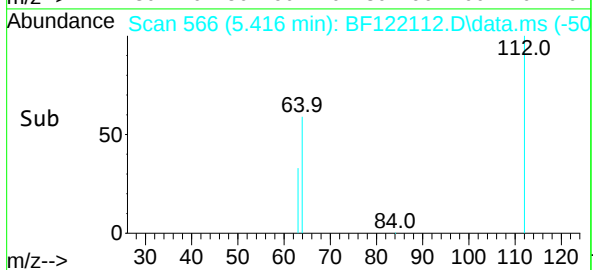
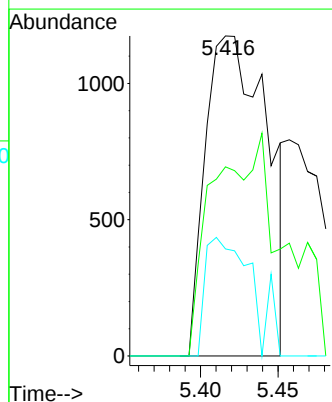
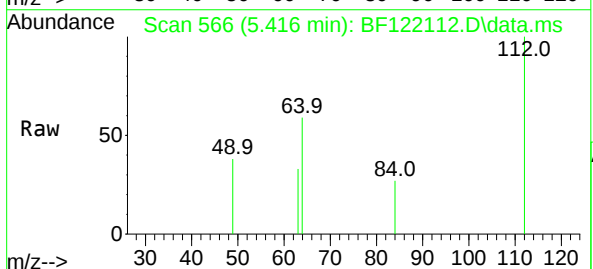
Instrument :  
BNA\_F  
ClientSampleId :  
D-91

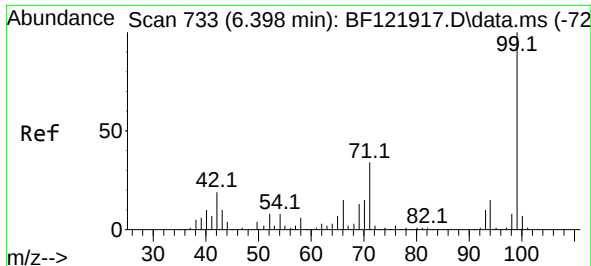
Tgt Ion:152 Resp: 108539  
Ion Ratio Lower Upper  
152 100  
150 155.8 125.3 187.9  
115 64.5 51.9 77.9



#5  
2-Fluorophenol  
Concen: 0.44 ng  
RT: 5.416 min Scan# 566  
Delta R.T. 0.071 min  
Lab File: BF122112.D  
Acq: 23 Oct 2020 21:54

Tgt Ion:112 Resp: 3246  
Ion Ratio Lower Upper  
112 100  
64 59.1 50.4 75.6  
63 33.5 25.8 38.6

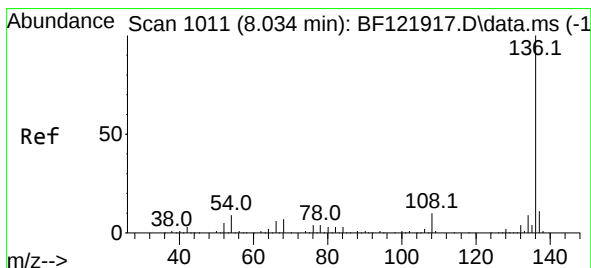
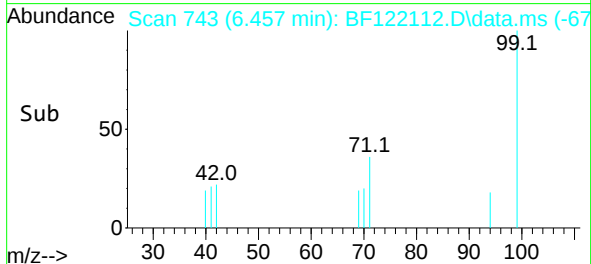
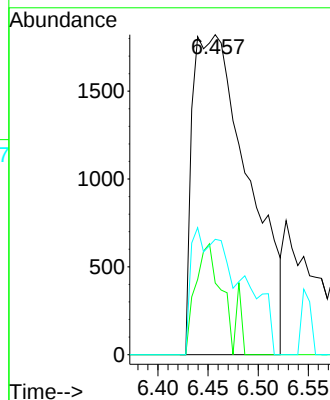
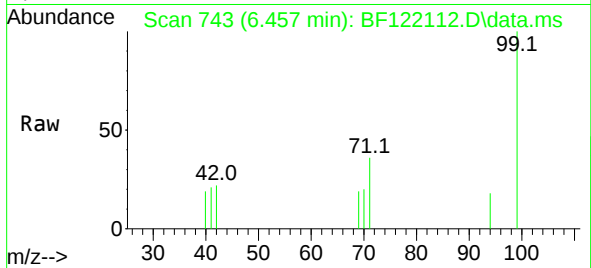




#7  
Phenol-d6  
Concen: 0.75 ng  
RT: 6.457 min Scan# 743  
Delta R.T. 0.076 min  
Lab File: BF122112.D  
Acq: 23 Oct 2020 21:54

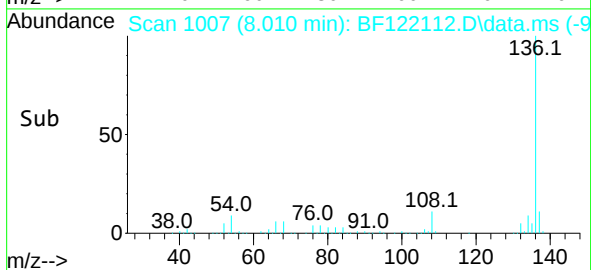
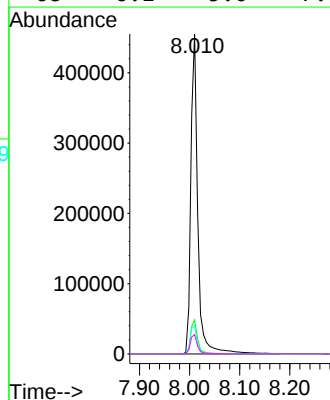
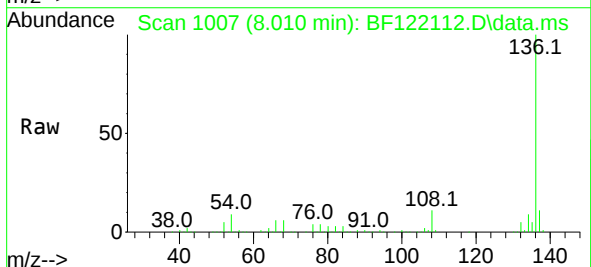
Instrument :  
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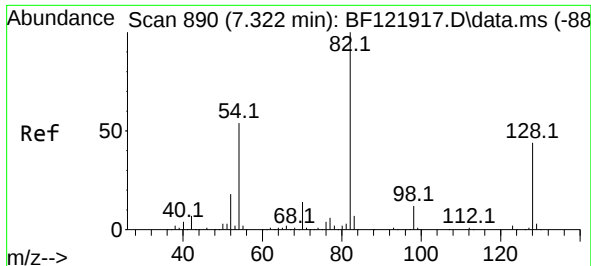
Tgt Ion: 99 Resp: 7070  
Ion Ratio Lower Upper  
99 100  
42 22.4 15.9 23.9  
71 36.1 27.1 40.7



#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 8.010 min Scan# 1007  
Delta R.T. -0.000 min  
Lab File: BF122112.D  
Acq: 23 Oct 2020 21:54

Tgt Ion: 136 Resp: 440070  
Ion Ratio Lower Upper  
136 100  
137 10.6 8.6 13.0  
54 8.7 7.1 10.7  
68 6.1 5.0 7.4





#23

Nitrobenzene-d5

Concen: 0.79 ng

RT: 7.328 min Scan# 891

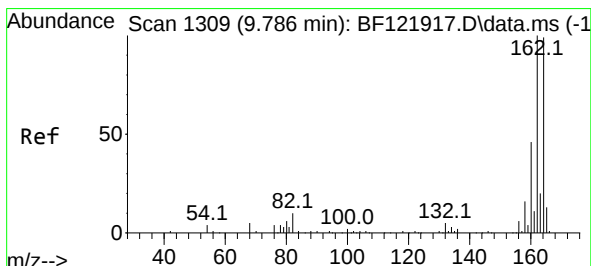
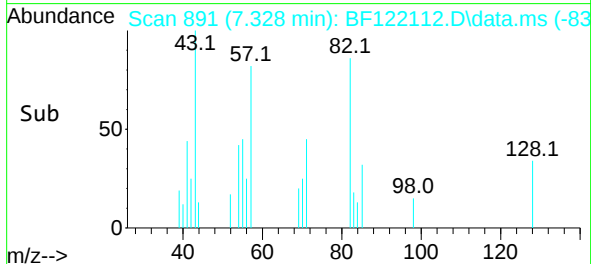
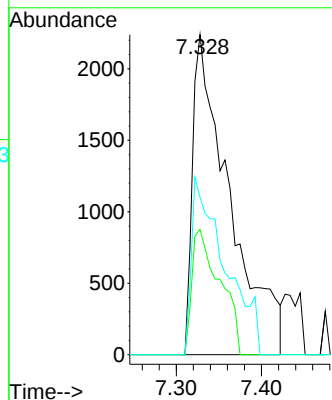
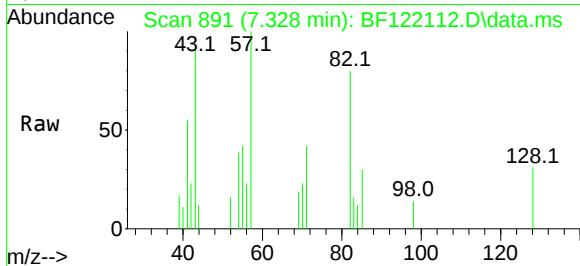
Delta R.T. 0.023 min

Lab File: BF122112.D

Acq: 23 Oct 2020 21:54

Tgt Ion: 82 Resp: 6750

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 39.2  | 35.0  | 52.4  |
| 54  | 49.2  | 43.9  | 65.9  |



#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.763 min Scan# 1305

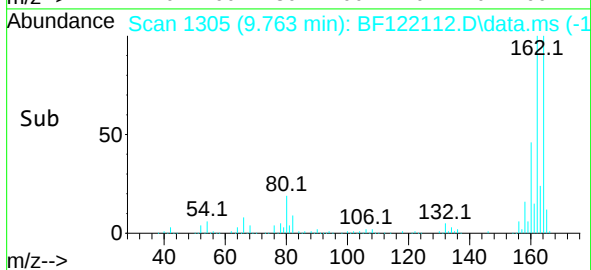
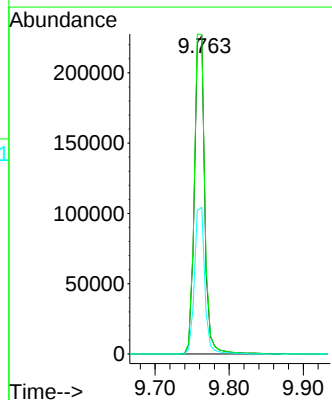
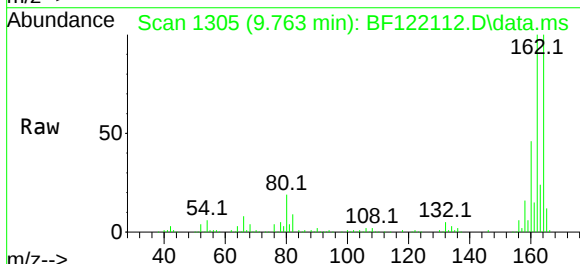
Delta R.T. -0.000 min

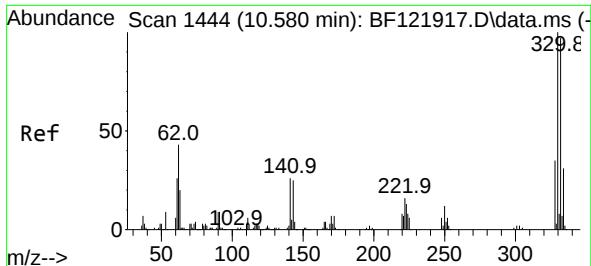
Lab File: BF122112.D

Acq: 23 Oct 2020 21:54

Tgt Ion: 164 Resp: 217148

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 162 | 100.2 | 83.2  | 124.8 |
| 160 | 46.0  | 37.5  | 56.3  |

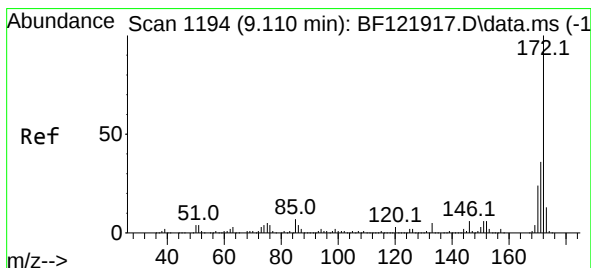
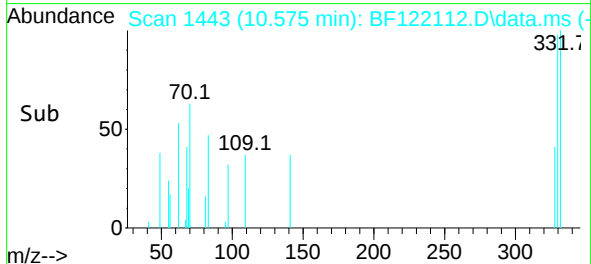
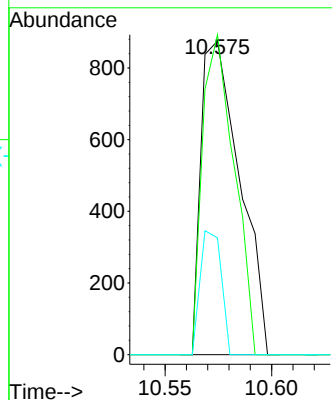
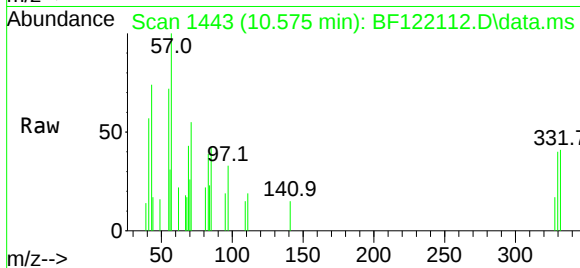




#42  
2,4,6-Tribromophenol  
Concen: 0.41 ng  
RT: 10.575 min Scan# 1443  
Delta R.T. 0.018 min  
Lab File: BF122112.D  
Acq: 23 Oct 2020 21:54

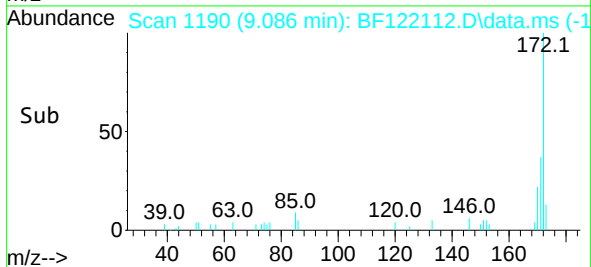
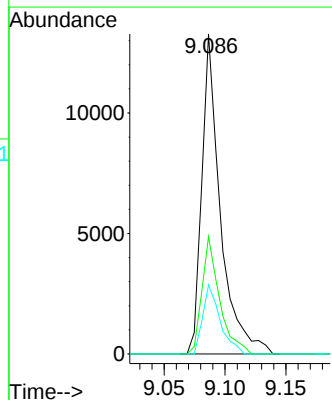
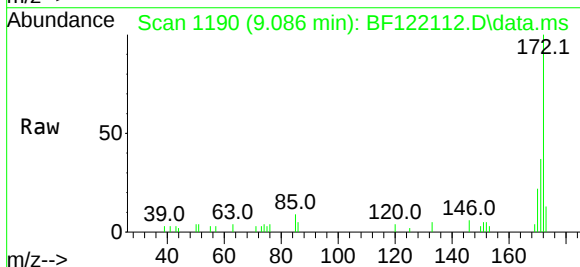
Instrument :  
BNA\_F  
ClientSampled :  
D-91

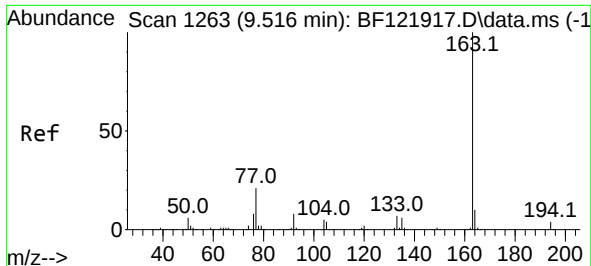
Tgt Ion: 330 Resp: 1109  
Ion Ratio Lower Upper  
330 100  
332 83.2 77.3 115.9  
141 21.4 22.3 33.5#



#45  
2-Fluorobiphenyl  
Concen: 0.95 ng  
RT: 9.086 min Scan# 1190  
Delta R.T. -0.000 min  
Lab File: BF122112.D  
Acq: 23 Oct 2020 21:54

Tgt Ion: 172 Resp: 14038  
Ion Ratio Lower Upper  
172 100  
171 36.6 29.1 43.7  
170 21.6 19.8 29.6

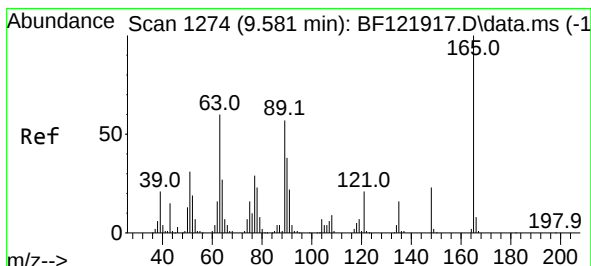
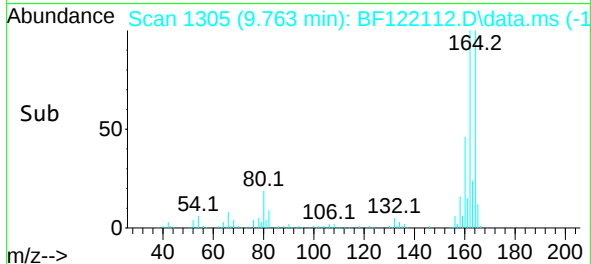
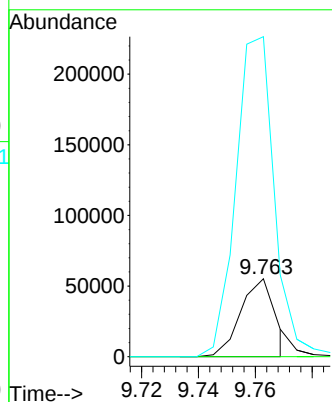
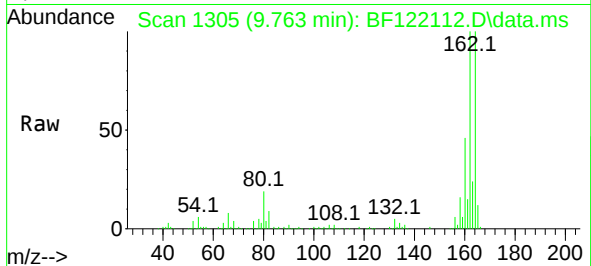




#50  
Dimethylphthalate  
Concen: 2.93 ng  
RT: 9.763 min Scan# 1305  
Delta R.T. 0.271 min  
Lab File: BF122112.D  
Acq: 23 Oct 2020 21:54

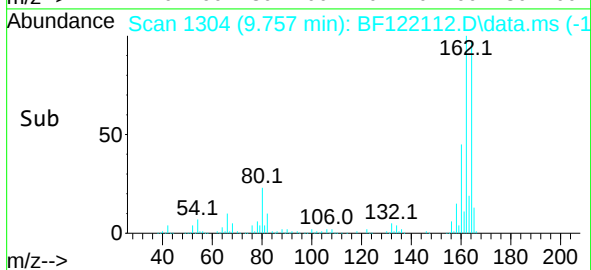
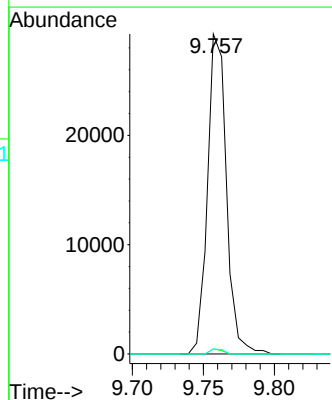
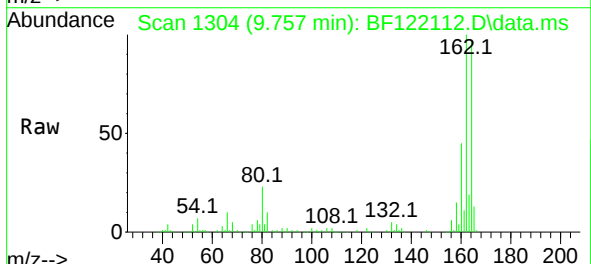
Instrument :  
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ClientSampleId :  
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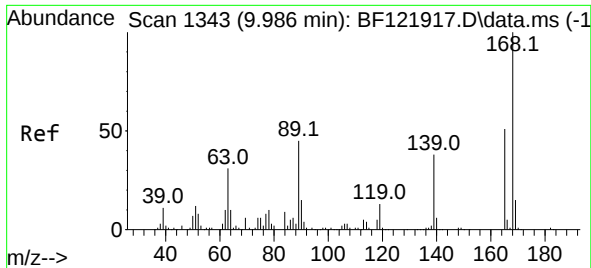
Tgt Ion:163 Resp: 46521  
Ion Ratio Lower Upper  
163 100  
194 0.0 3.3 4.9#  
164 410.5 8.2 12.4#



#51  
2,6-Dinitrotoluene  
Concen: 7.81 ng  
RT: 9.757 min Scan# 1304  
Delta R.T. 0.194 min  
Lab File: BF122112.D  
Acq: 23 Oct 2020 21:54

Tgt Ion:165 Resp: 27199  
Ion Ratio Lower Upper  
165 100  
63 1.6 51.8 77.6#  
89 1.5 49.0 73.6#

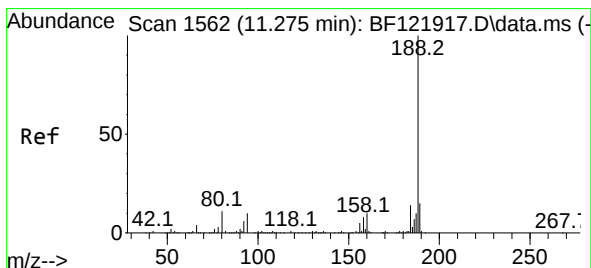
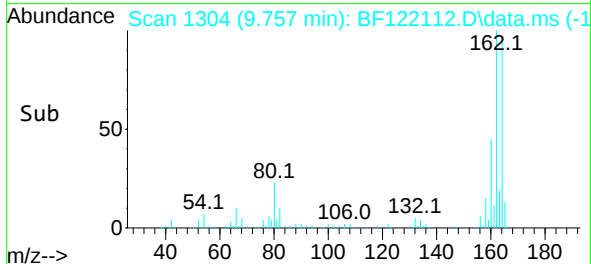
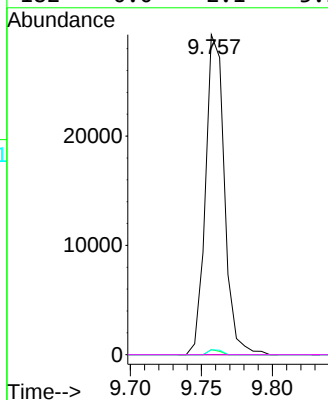
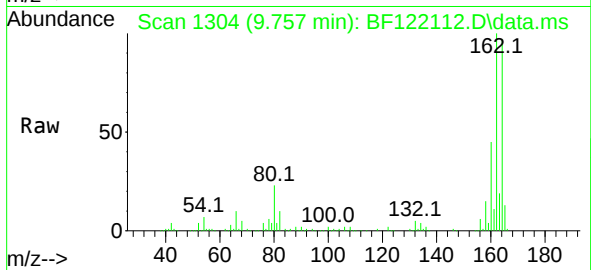




#57  
2,4-Dinitrotoluene  
Concen: 6.34 ng  
RT: 9.757 min Scan# 1304  
Delta R.T. -0.218 min  
Lab File: BF122112.D  
Acq: 23 Oct 2020 21:54

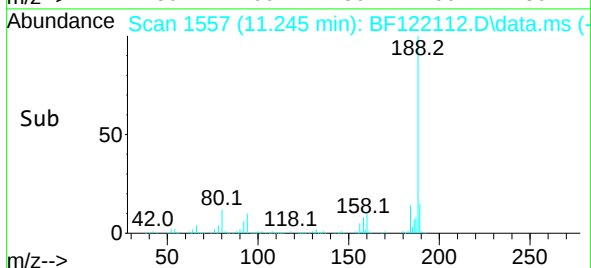
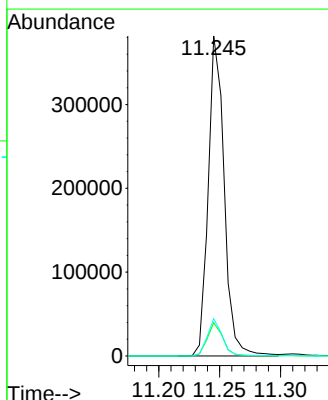
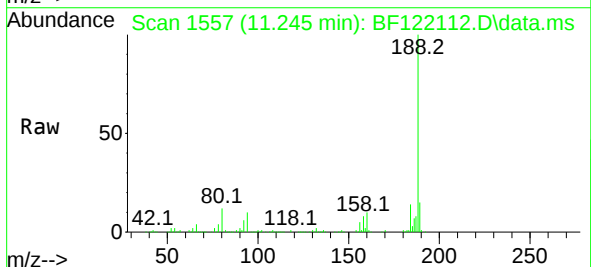
Instrument :  
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D-91

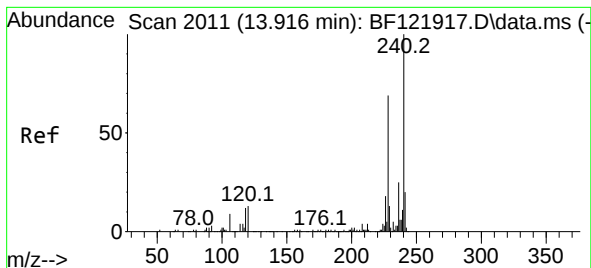
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|-----------|-------|-------|-------|
| Tgt Ion:  | 165   | Resp: | 27199 |
| Ion Ratio | Lower | Upper |       |
| 165       | 100   |       |       |
| 63        | 1.6   | 41.3  | 61.9# |
| 89        | 1.5   | 61.8  | 92.8# |
| 182       | 0.0   | 2.1   | 3.1#  |



#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.245 min Scan# 1557  
Delta R.T. -0.000 min  
Lab File: BF122112.D  
Acq: 23 Oct 2020 21:54

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 188   | Resp: | 347753 |
| Ion Ratio | Lower | Upper |        |
| 188       | 100   |       |        |
| 94        | 10.4  | 8.3   | 12.5   |
| 80        | 11.7  | 9.1   | 13.7   |

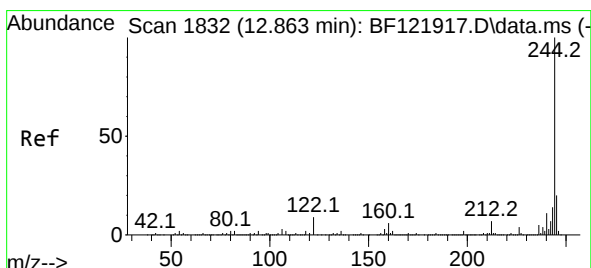
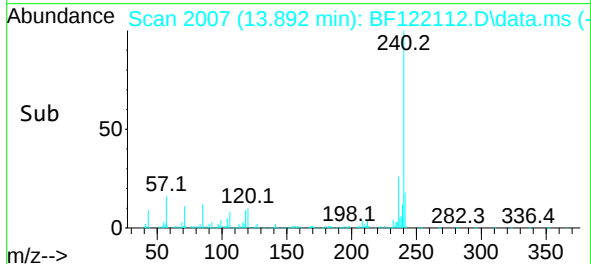
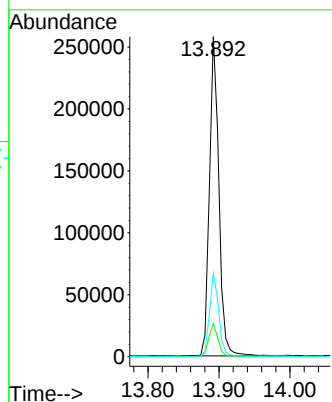
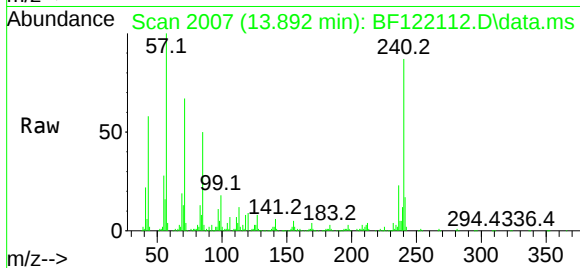




#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 13.892 min Scan# 2007  
Delta R.T. 0.006 min  
Lab File: BF122112.D  
Acq: 23 Oct 2020 21:54

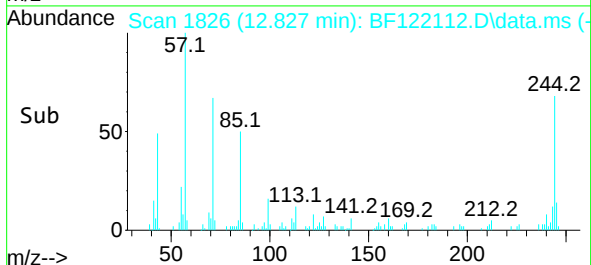
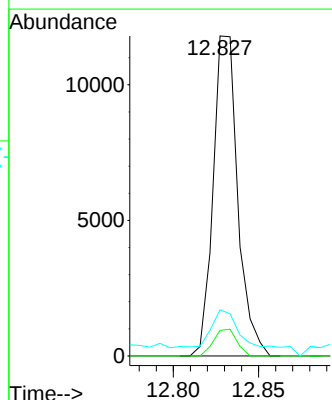
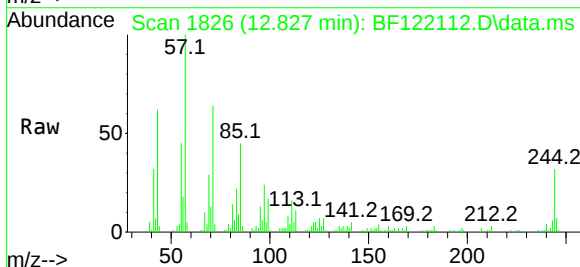
Instrument :  
BNA\_F  
ClientSampleId :  
D-91

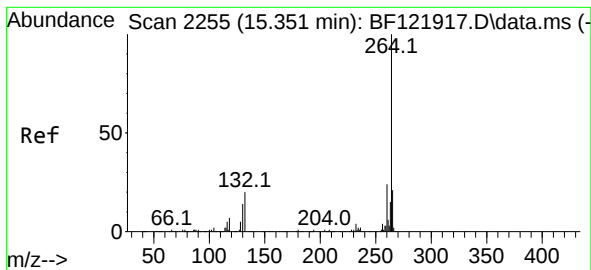
Tgt Ion:240 Resp: 238015  
Ion Ratio Lower Upper  
240 100  
120 10.4 9.2 13.8  
236 26.0 20.9 31.3



#79  
Terphenyl-d14  
Concen: 0.95 ng  
RT: 12.827 min Scan# 1826  
Delta R.T. -0.006 min  
Lab File: BF122112.D  
Acq: 23 Oct 2020 21:54

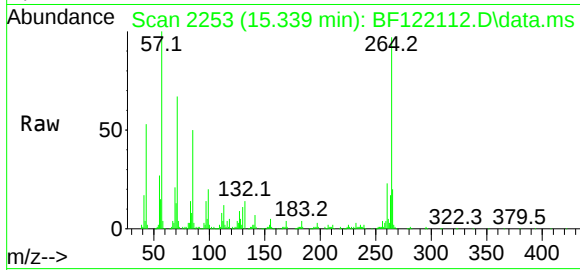
Tgt Ion:244 Resp: 11859  
Ion Ratio Lower Upper  
244 100  
212 8.0 5.4 8.2  
122 14.4 8.1 12.1#





#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 15.339 min Scan# 2253  
 Delta R.T. 0.023 min  
 Lab File: BF122112.D  
 Acq: 23 Oct 2020 21:54

Instrument :  
 BNA\_F  
 ClientSampleId :  
 D-91



Tgt Ion:264 Resp: 247823

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 23.8  | 18.7  | 28.1  |
| 265 | 20.6  | 17.3  | 25.9  |

