

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF101520\  
 Data File : BF121990.D  
 Acq On : 15 Oct 2020 14:41  
 Operator : JU/CG  
 Sample : L4392-14  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-4

Quant Time: Oct 15 15:26:58 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

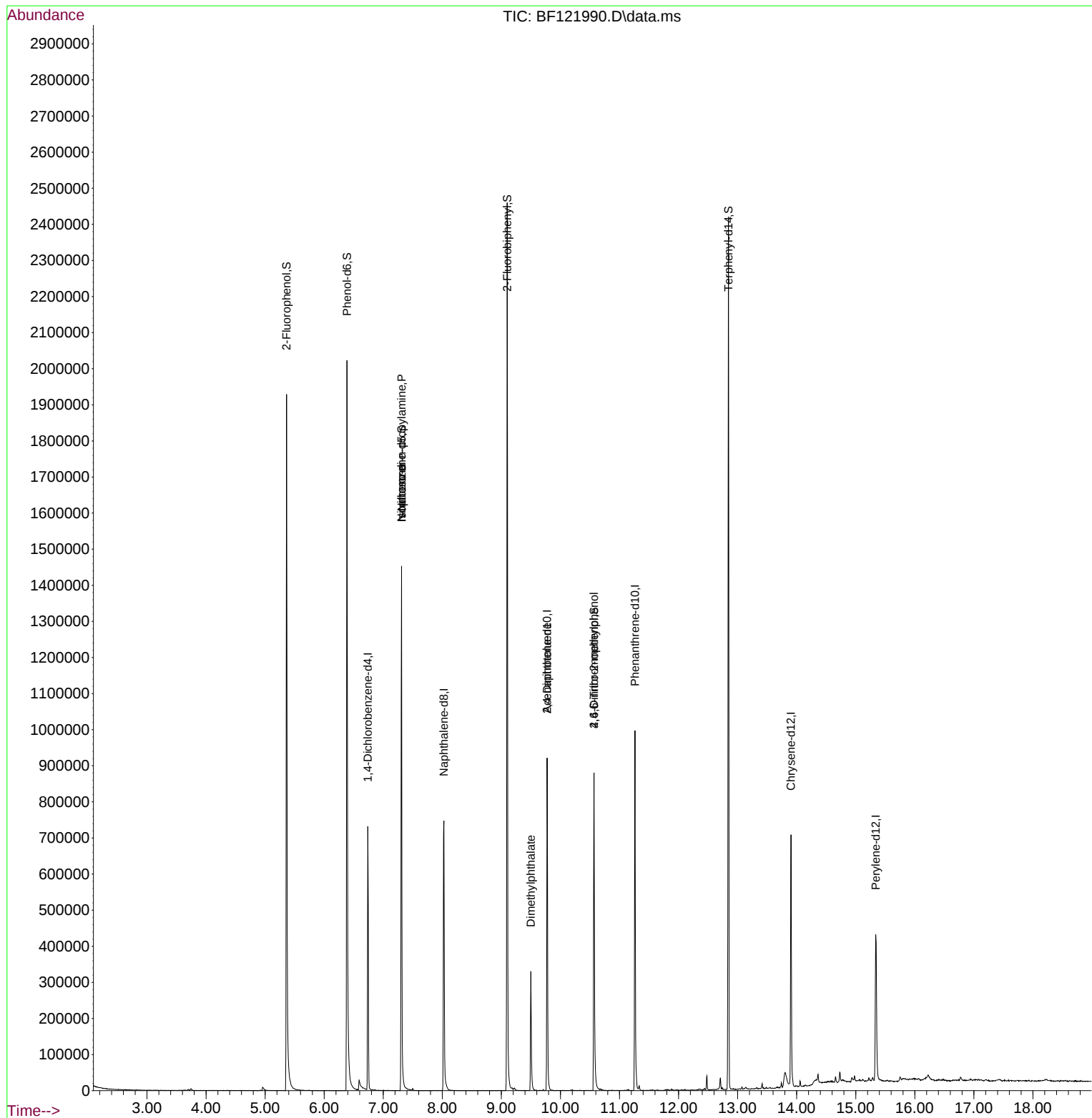
| Compound                      | R.T.   | QIon | Response | Conc      | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|-----------|--------|----------|
| -----                         |        |      |          |           |        |          |
| Internal Standards            |        |      |          |           |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.739  | 152  | 102133   | 20.00     | ng     | 0.00     |
| 21) Naphthalene-d8            | 8.028  | 136  | 393897   | 20.00     | ng     | 0.00     |
| 39) Acenaphthene-d10          | 9.774  | 164  | 198376   | 20.00     | ng     | 0.00     |
| 64) Phenanthrene-d10          | 11.263 | 188  | 376397   | 20.00     | ng     | 0.00     |
| 76) Chrysene-d12              | 13.904 | 240  | 254216   | 20.00     | ng     | 0.00     |
| 86) Perylene-d12              | 15.339 | 264  | 209377   | 20.00     | ng     | 0.00     |
| System Monitoring Compounds   |        |      |          |           |        |          |
| 5) 2-Fluorophenol             | 5.363  | 112  | 565858   | 81.77     | ng     | 0.00     |
| 7) Phenol-d6                  | 6.386  | 99   | 706820   | 79.35     | ng     | 0.00     |
| 23) Nitrobenzene-d5           | 7.310  | 82   | 476702   | 62.07     | ng     | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.569 | 330  | 124209   | 50.62     | ng     | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.098  | 172  | 792842   | 58.80     | ng     | 0.00     |
| 79) Terphenyl-d14             | 12.845 | 244  | 742301   | 55.65     | ng     | 0.00     |
| Target Compounds              |        |      |          |           |        |          |
|                               |        |      |          |           | Qvalue |          |
| 9) Benzaldehyde               | 6.386  | 77   | 946      | Below Cal | #      | 3        |
| 19) n-Nitroso-di-n-propyla... | 7.310  | 70   | 62948    | 12.41 ng  | #      | 78       |
| 25) Isophorone                | 7.310  | 82   | 476702   | 32.82 ng  | #      | 67       |
| 50) Dimethylphthalate         | 9.498  | 163  | 157426   | 10.85 ng  |        | 99       |
| 57) 2,4-Dinitrotoluene        | 9.774  | 165  | 25055    | 6.40 ng   | #      | 20       |
| 65) 4,6-Dinitro-2-methylph... | 10.569 | 198  | 121      | 4.48 ng   | #      | 1        |
| -----                         |        |      |          |           |        |          |

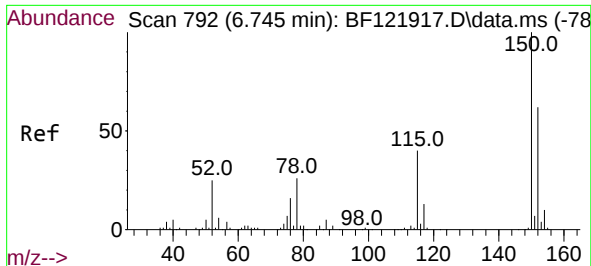
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF101520\  
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Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF101220.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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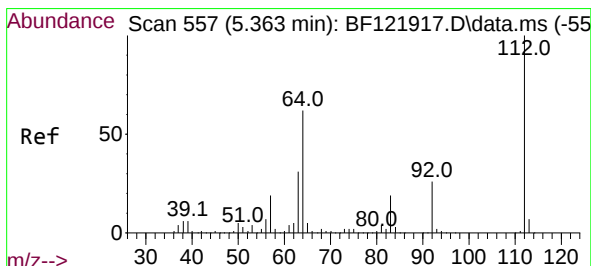
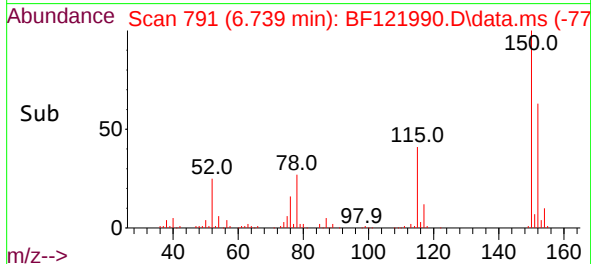
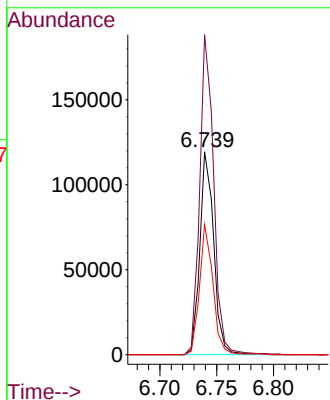
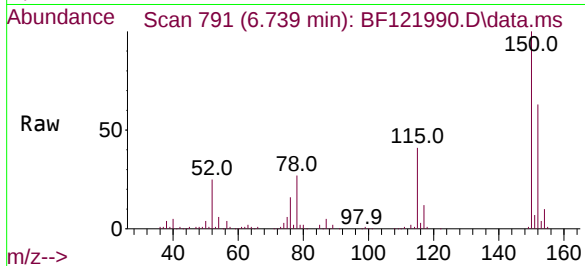




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 6.739 min Scan# 791  
Delta R.T. -0.006 min  
Lab File: BF121990.D  
Acq: 15 Oct 2020 14:41

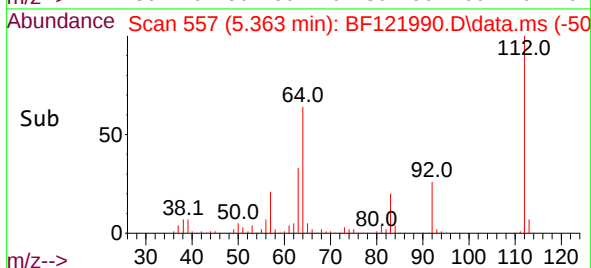
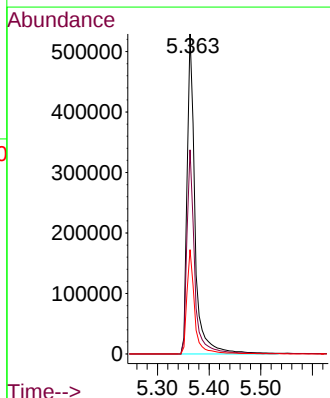
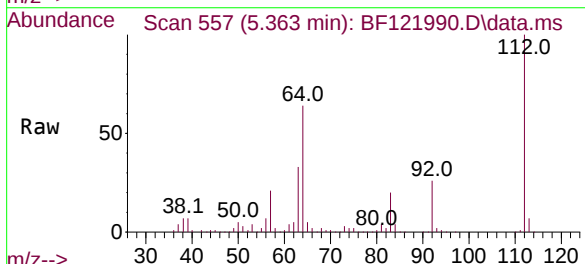
Instrument :  
BNA\_F  
ClientSampleId :  
TP-4

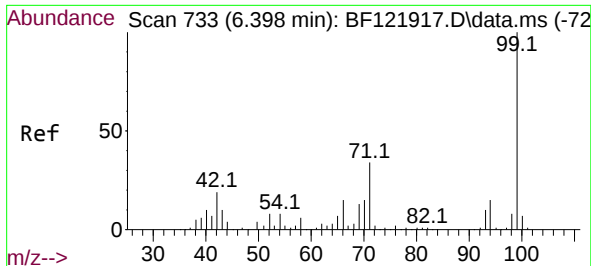
Tgt Ion:152 Resp: 102133  
Ion Ratio Lower Upper  
152 100  
150 157.7 125.3 187.9  
115 64.1 51.9 77.9



#5  
2-Fluorophenol  
Concen: 81.77 ng  
RT: 5.363 min Scan# 557  
Delta R.T. 0.000 min  
Lab File: BF121990.D  
Acq: 15 Oct 2020 14:41

Tgt Ion:112 Resp: 565858  
Ion Ratio Lower Upper  
112 100  
64 63.8 50.4 75.6  
63 32.6 25.8 38.6

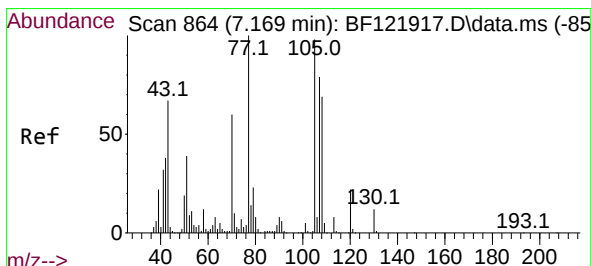
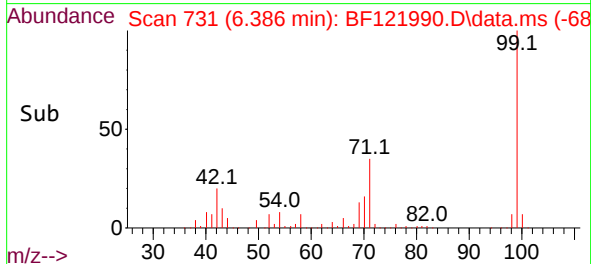
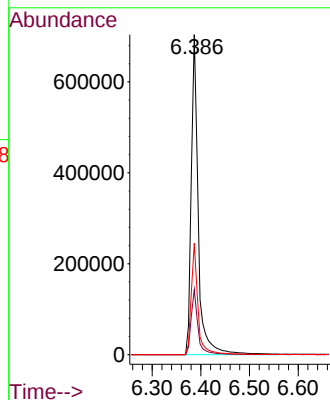
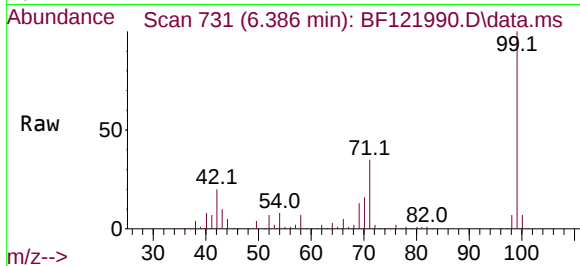




#7  
Phenol-d6  
Concen: 79.35 ng  
RT: 6.386 min Scan# 731  
Delta R.T. -0.006 min  
Lab File: BF121990.D  
Acq: 15 Oct 2020 14:41

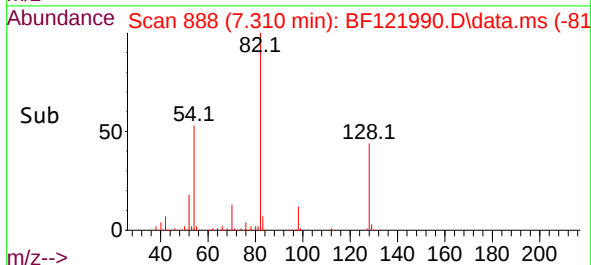
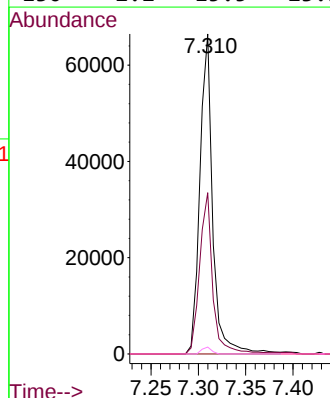
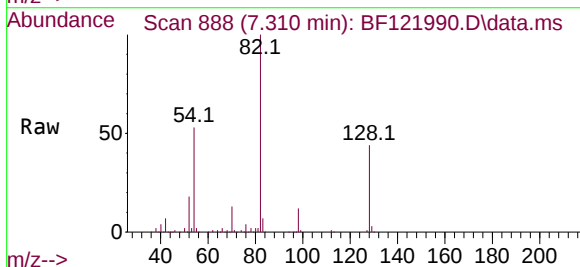
Instrument :  
BNA\_F  
ClientSampleId :  
TP-4

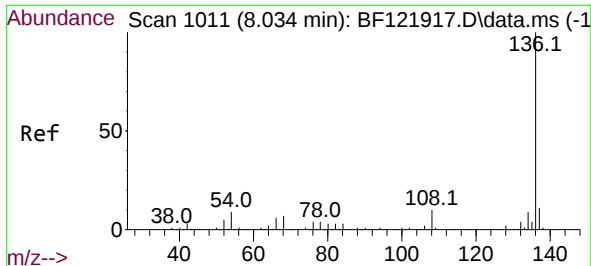
Tgt Ion: 99 Resp: 706820  
Ion Ratio Lower Upper  
99 100  
42 20.3 15.9 23.9  
71 34.8 27.1 40.7



#19  
n-Nitroso-di-n-propylamine  
Concen: 12.41 ng  
RT: 7.310 min Scan# 888  
Delta R.T. 0.147 min  
Lab File: BF121990.D  
Acq: 15 Oct 2020 14:41

Tgt Ion: 70 Resp: 62948  
Ion Ratio Lower Upper  
70 100  
42 50.4 50.2 75.4  
101 0.0 7.5 11.3#  
130 2.2 15.5 23.3#



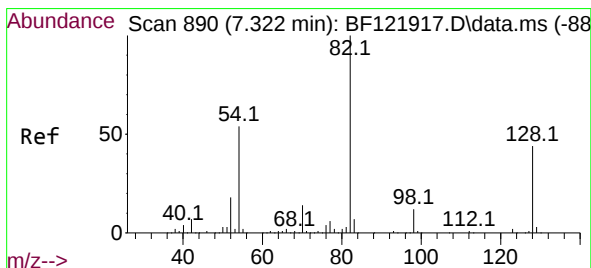
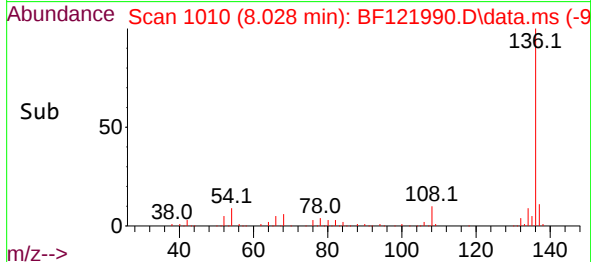
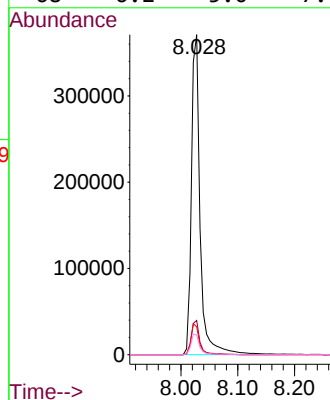
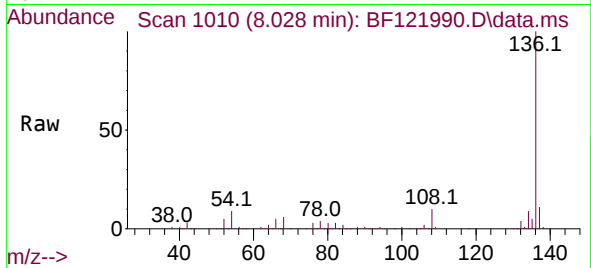


#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 8.028 min Scan# 1010  
Delta R.T. 0.000 min  
Lab File: BF121990.D  
Acq: 15 Oct 2020 14:41

Instrument :  
BNA\_F  
ClientSampleId :  
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Tgt Ion:136 Resp: 393897

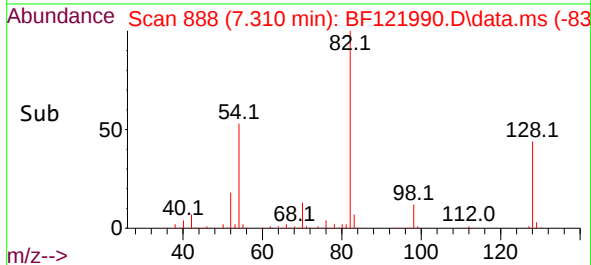
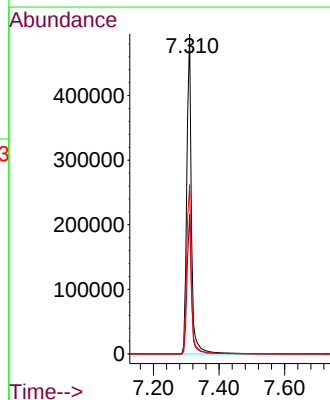
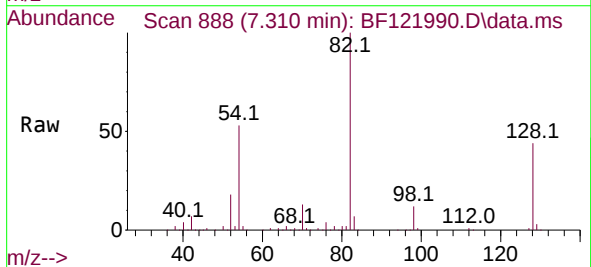
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 10.7  | 8.6   | 13.0  |
| 54  | 8.7   | 7.1   | 10.7  |
| 68  | 6.2   | 5.0   | 7.4   |

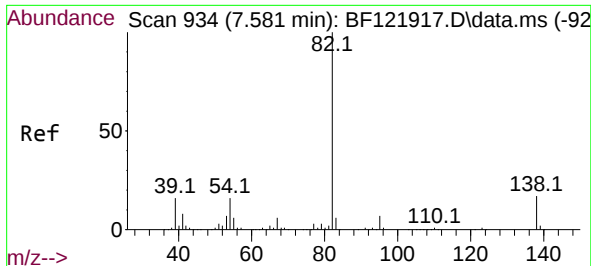


#23  
Nitrobenzene-d5  
Concen: 62.07 ng  
RT: 7.310 min Scan# 888  
Delta R.T. -0.006 min  
Lab File: BF121990.D  
Acq: 15 Oct 2020 14:41

Tgt Ion: 82 Resp: 476702

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 43.5  | 35.0  | 52.4  |
| 54  | 52.9  | 43.9  | 65.9  |

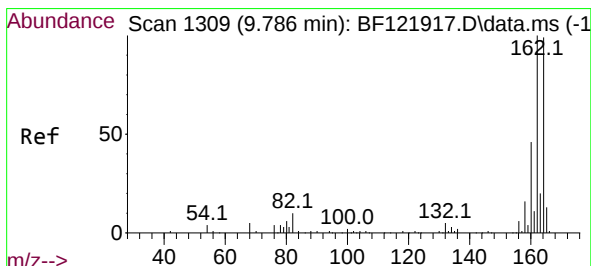
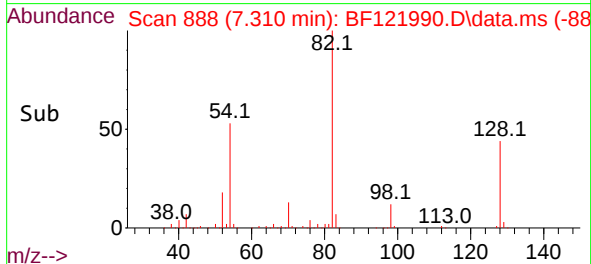
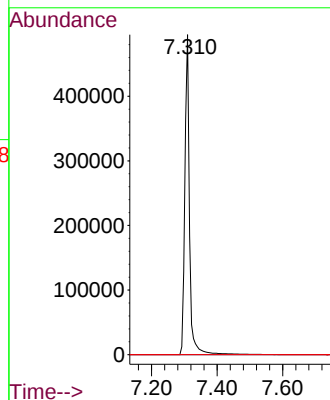
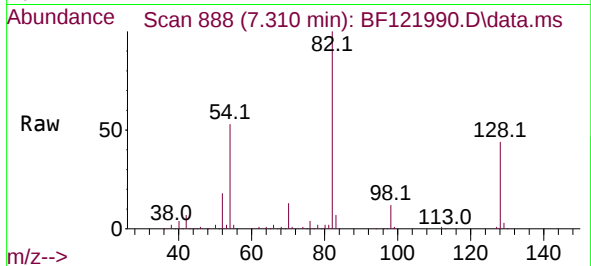




#25  
Isophorone  
Concen: 32.82 ng  
RT: 7.310 min Scan# 888  
Delta R.T. -0.265 min  
Lab File: BF121990.D  
Acq: 15 Oct 2020 14:41

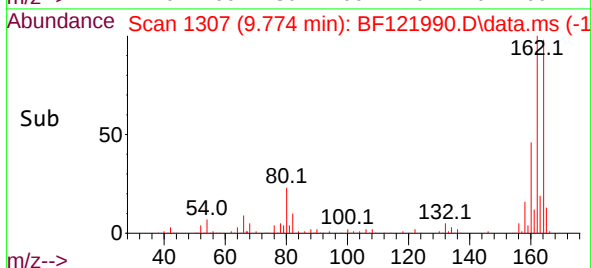
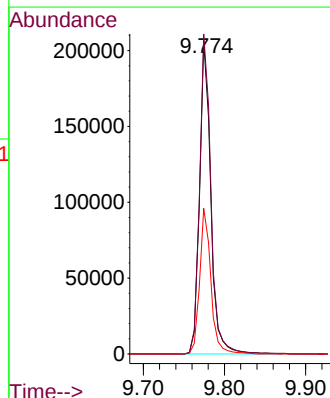
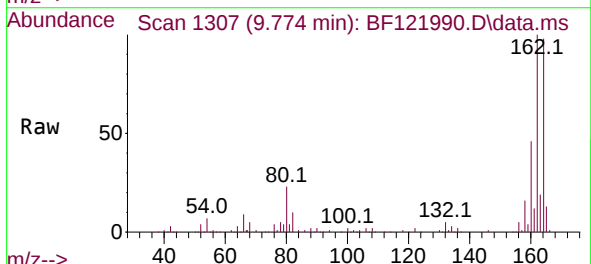
Instrument :  
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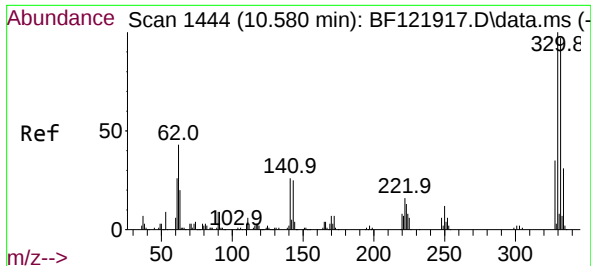
Tgt Ion: 82 Resp: 476702  
Ion Ratio Lower Upper  
82 100  
95 0.0 5.4 8.0#  
138 0.0 13.4 20.0#



#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 9.774 min Scan# 1307  
Delta R.T. -0.006 min  
Lab File: BF121990.D  
Acq: 15 Oct 2020 14:41

Tgt Ion: 164 Resp: 198376  
Ion Ratio Lower Upper  
164 100  
162 102.4 83.2 124.8  
160 46.6 37.5 56.3

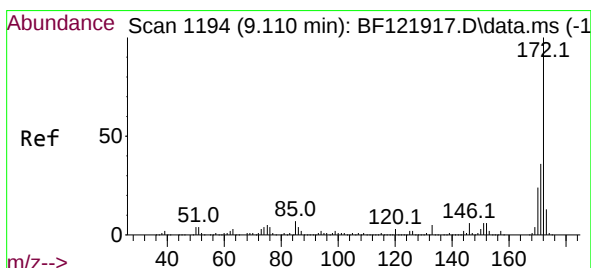
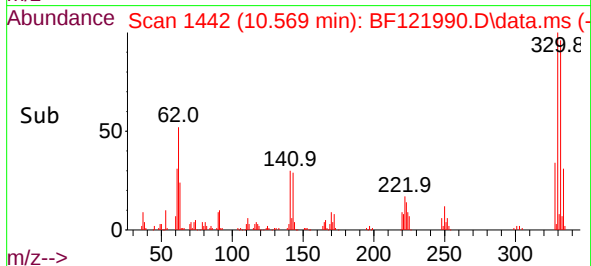
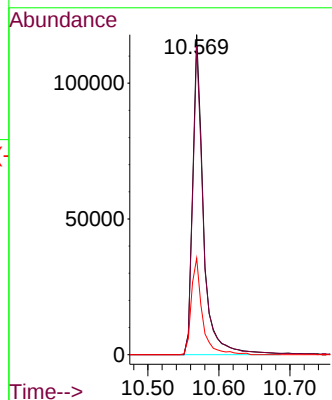
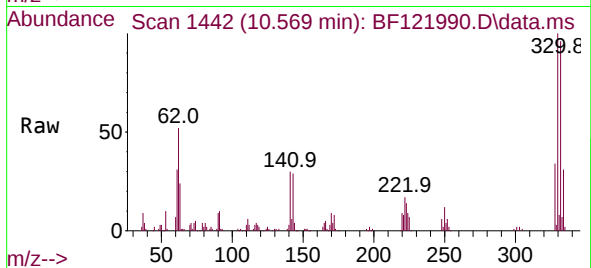




#42  
2,4,6-Tribromophenol  
Concen: 50.62 ng  
RT: 10.569 min Scan# 1442  
Delta R.T. -0.006 min  
Lab File: BF121990.D  
Acq: 15 Oct 2020 14:41

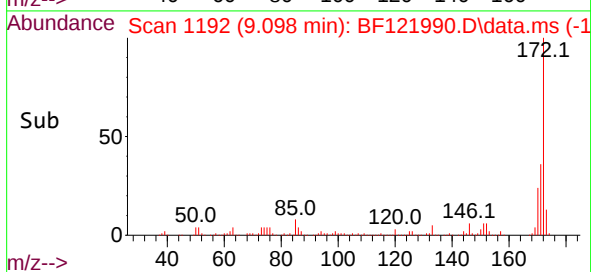
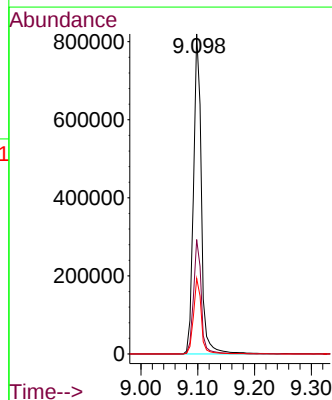
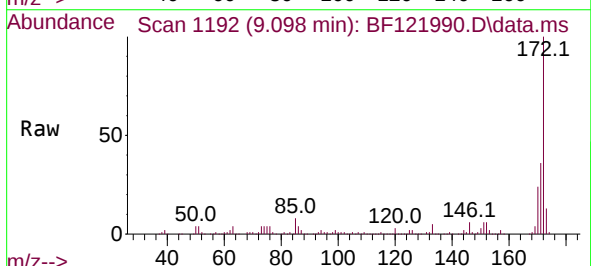
Instrument :  
BNA\_F  
ClientSampleId :  
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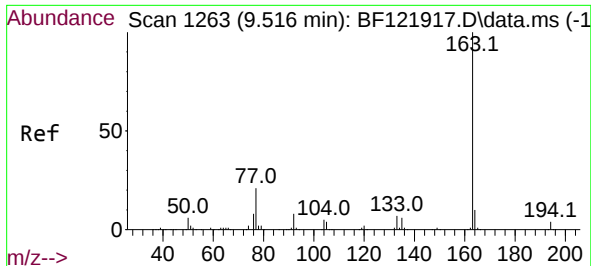
Tgt Ion:330 Resp: 124209  
Ion Ratio Lower Upper  
330 100  
332 97.4 77.3 115.9  
141 30.9 22.3 33.5



#45  
2-Fluorobiphenyl  
Concen: 58.80 ng  
RT: 9.098 min Scan# 1192  
Delta R.T. -0.006 min  
Lab File: BF121990.D  
Acq: 15 Oct 2020 14:41

Tgt Ion:172 Resp: 792842  
Ion Ratio Lower Upper  
172 100  
171 35.7 29.1 43.7  
170 23.6 19.8 29.6

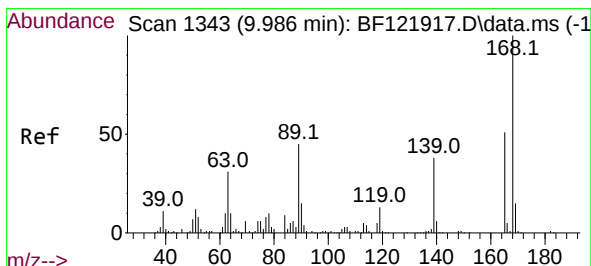
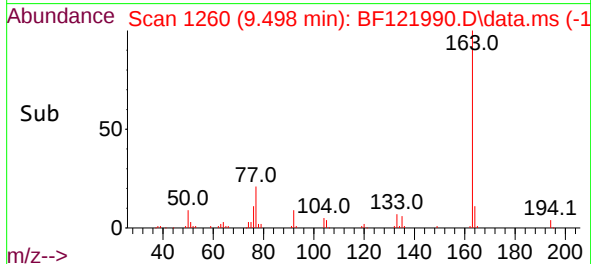
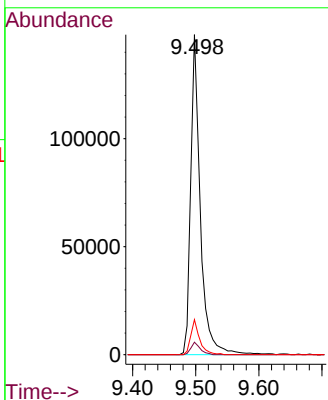
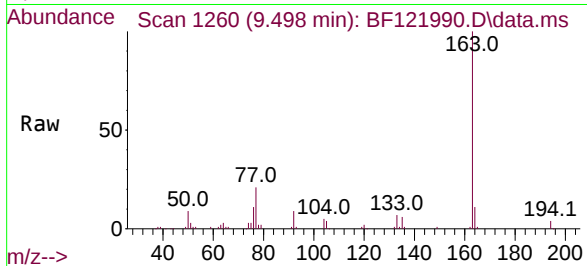




#50  
Dimethylphthalate  
Concen: 10.85 ng  
RT: 9.498 min Scan# 1260  
Delta R.T. -0.006 min  
Lab File: BF121990.D  
Acq: 15 Oct 2020 14:41

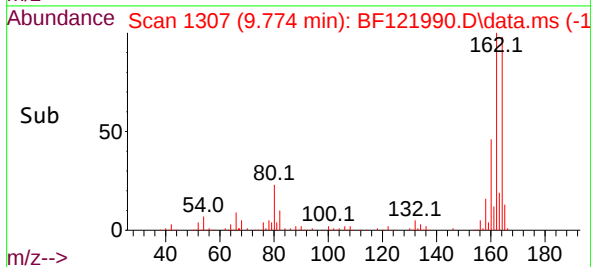
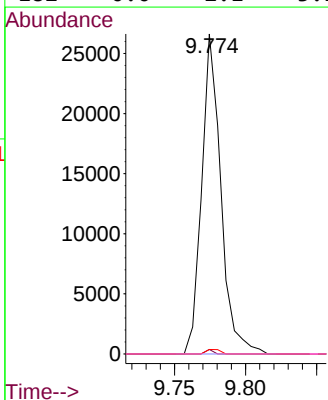
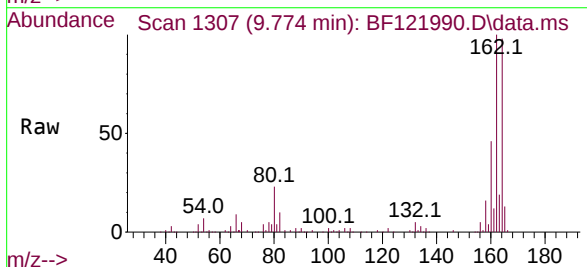
Instrument :  
BNA\_F  
ClientSampleId :  
TP-4

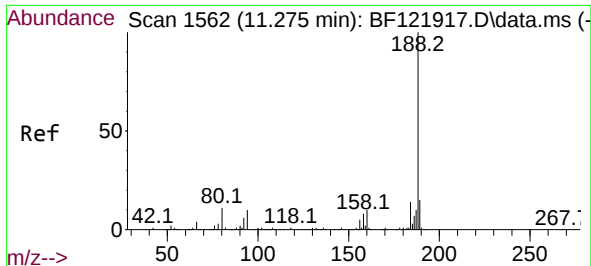
Tgt Ion:163 Resp: 157426  
Ion Ratio Lower Upper  
163 100  
194 3.9 3.3 4.9  
164 11.0 8.2 12.4



#57  
2,4-Dinitrotoluene  
Concen: 6.40 ng  
RT: 9.774 min Scan# 1307  
Delta R.T. -0.212 min  
Lab File: BF121990.D  
Acq: 15 Oct 2020 14:41

Tgt Ion:165 Resp: 25055  
Ion Ratio Lower Upper  
165 100  
63 1.4 41.3 61.9#  
89 1.4 61.8 92.8#  
182 0.0 2.1 3.1#

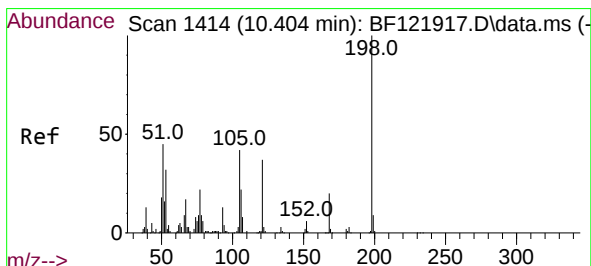
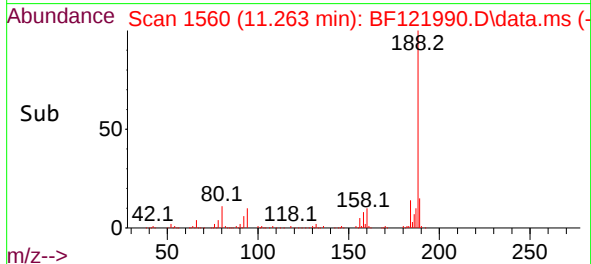
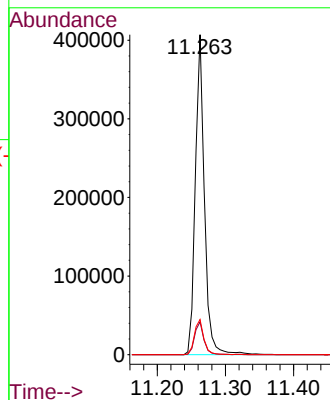
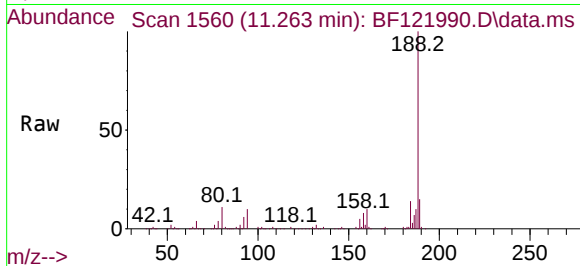




#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.263 min Scan# 1560  
Delta R.T. 0.000 min  
Lab File: BF121990.D  
Acq: 15 Oct 2020 14:41

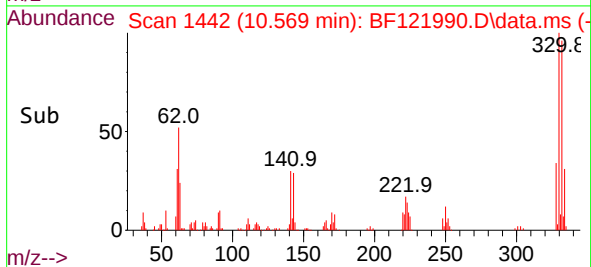
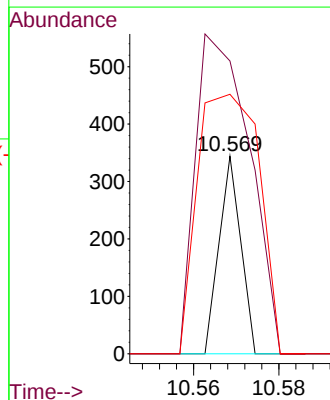
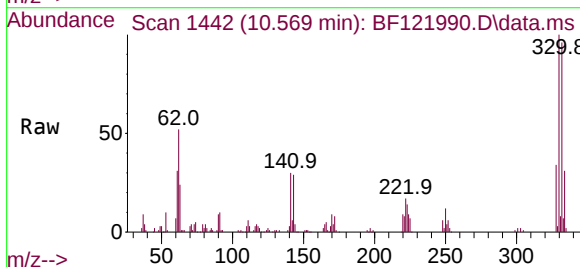
Instrument :  
BNA\_F  
ClientSampled :  
TP-4

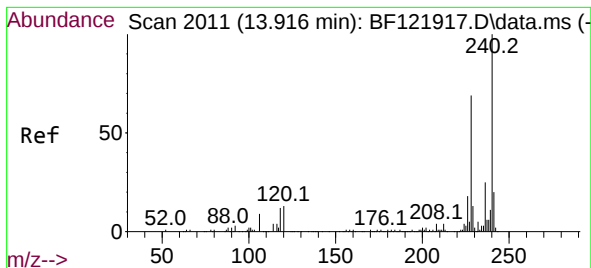
Tgt Ion:188 Resp: 376397  
Ion Ratio Lower Upper  
188 100  
94 10.3 8.3 12.5  
80 11.0 9.1 13.7



#65  
4,6-Dinitro-2-methylphenol  
Concen: 4.48 ng  
RT: 10.569 min Scan# 1442  
Delta R.T. 0.171 min  
Lab File: BF121990.D  
Acq: 15 Oct 2020 14:41

Tgt Ion:198 Resp: 121  
Ion Ratio Lower Upper  
198 100  
51 148.3 29.6 69.6#  
105 131.4 24.4 64.4#

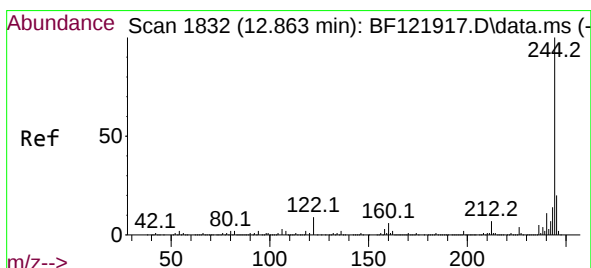
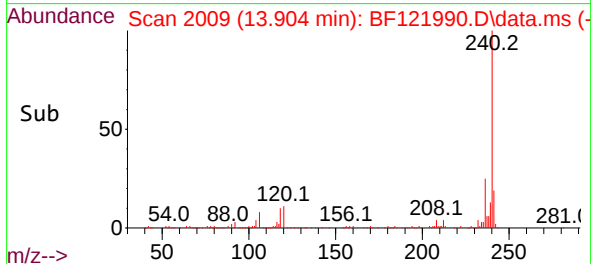
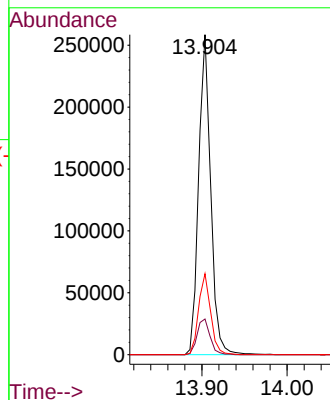
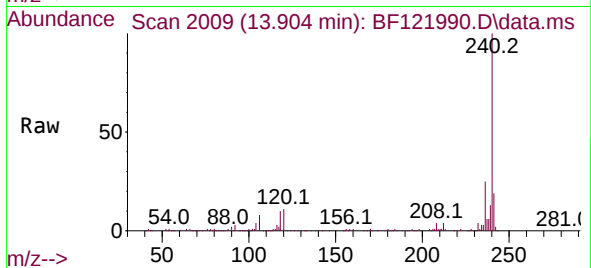




#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 13.904 min Scan# 2009  
Delta R.T. -0.006 min  
Lab File: BF121990.D  
Acq: 15 Oct 2020 14:41

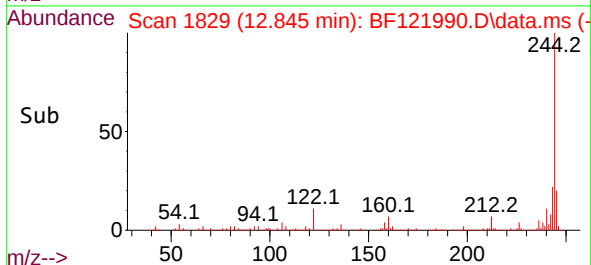
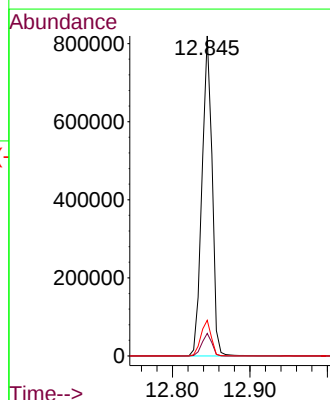
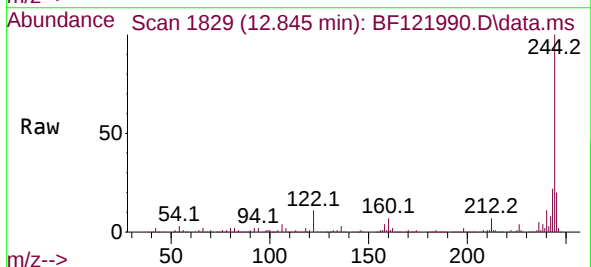
Instrument :  
BNA\_F  
ClientSampled :  
TP-4

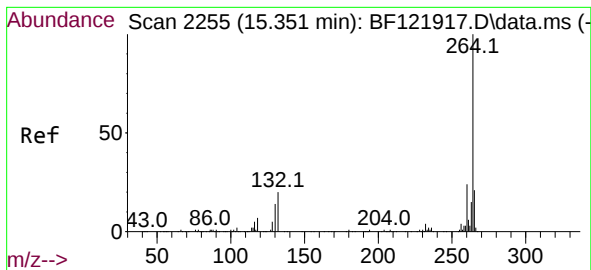
Tgt Ion:240 Resp: 254216  
Ion Ratio Lower Upper  
240 100  
120 11.1 9.2 13.8  
236 25.3 20.9 31.3



#79  
Terphenyl-d14  
Concen: 55.65 ng  
RT: 12.845 min Scan# 1829  
Delta R.T. -0.006 min  
Lab File: BF121990.D  
Acq: 15 Oct 2020 14:41

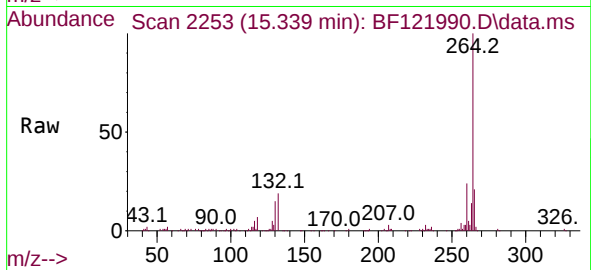
Tgt Ion:244 Resp: 742301  
Ion Ratio Lower Upper  
244 100  
212 7.0 5.4 8.2  
122 11.1 8.1 12.1





#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 15.339 min Scan# 2253  
Delta R.T. 0.000 min  
Lab File: BF121990.D  
Acq: 15 Oct 2020 14:41

Instrument :  
BNA\_F  
ClientSampleId :  
TP-4



Tgt Ion:264 Resp: 209377  
Ion Ratio Lower Upper  
264 100  
260 24.4 18.7 28.1  
265 21.2 17.3 25.9

