

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF011821\  
 Data File : BF123001.D  
 Acq On : 18 Jan 2021 22:38  
 Operator : JU/CG  
 Sample : M1125-06  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 VNJ-215

Quant Time: Jan 18 23:52:16 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF011621.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jan 18 13:14:08 2021  
 Response via : Initial Calibration

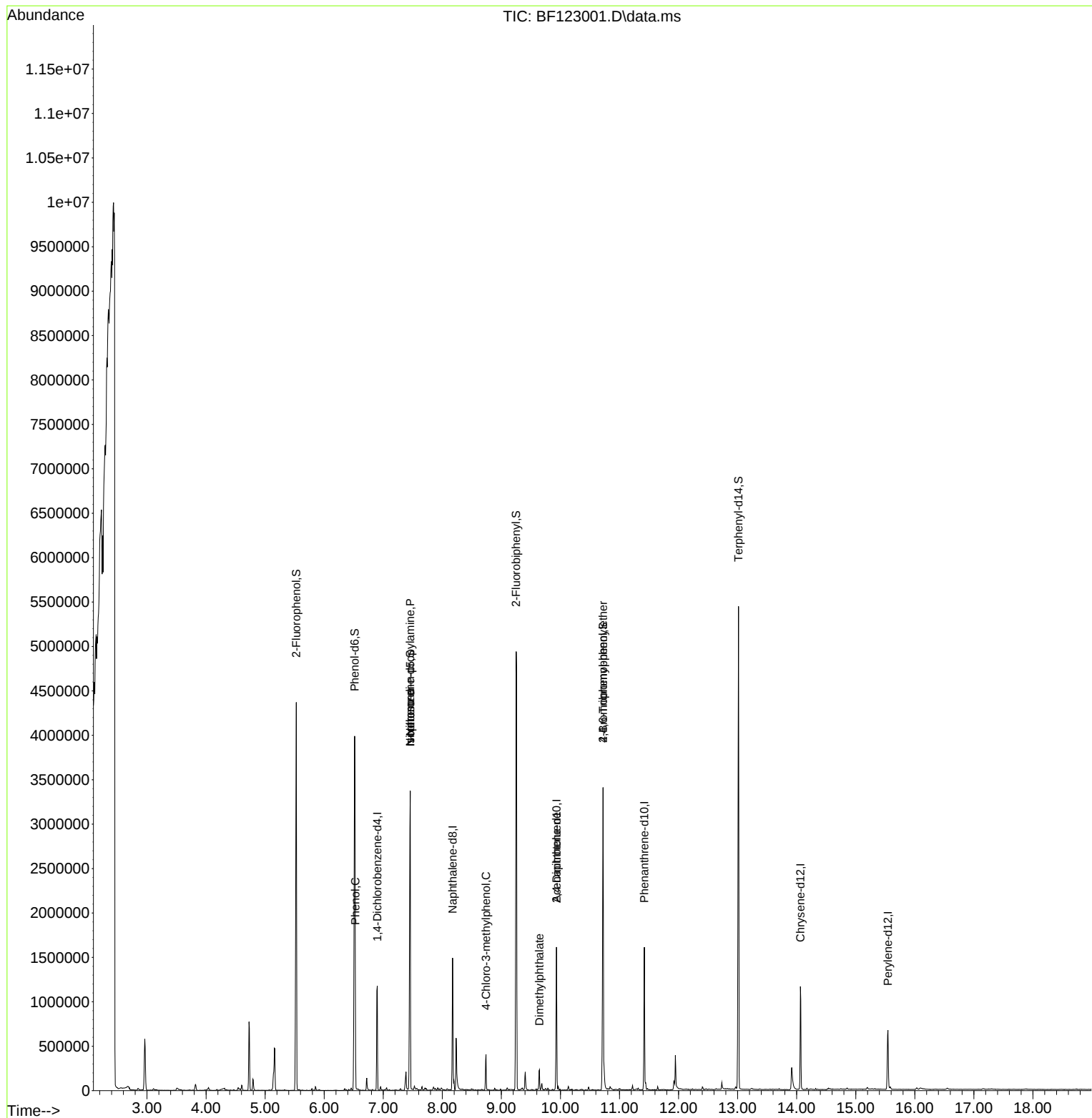
| Compound                      | R.T.   | QIon | Response | Conc      | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-----------|-------|----------|
| -----                         |        |      |          |           |       |          |
| Internal Standards            |        |      |          |           |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.898  | 152  | 157095   | 20.00     | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.175  | 136  | 626770   | 20.00     | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 9.933  | 164  | 300004   | 20.00     | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.422 | 188  | 512795   | 20.00     | ng    | # 0.00   |
| 76) Chrysene-d12              | 14.063 | 240  | 362841   | 20.00     | ng    | #-0.01   |
| 86) Perylene-d12              | 15.545 | 264  | 289439   | 20.00     | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |           |       |          |
| 5) 2-Fluorophenol             | 5.528  | 112  | 1014931  | 97.66     | ng    | 0.02     |
| 7) Phenol-d6                  | 6.516  | 99   | 1358279  | 97.25     | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.457  | 82   | 1095750  | 89.96     | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.722 | 330  | 383993   | 113.18    | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.251  | 172  | 1738084  | 81.13     | ng    | 0.00     |
| 79) Terphenyl-d14             | 13.016 | 244  | 1578692  | 79.77     | ng    | 0.00     |
| Target Compounds              |        |      |          |           |       |          |
|                               |        |      |          |           |       | Qvalue   |
| 9) Benzaldehyde               | 6.445  | 77   | 630      | Below Cal | #     | 69       |
| 10) Phenol                    | 6.528  | 94   | 199923   | 14.25     | ng    | 96       |
| 19) n-Nitroso-di-n-propyla... | 7.457  | 70   | 156474   | 18.91     | ng    | # 77     |
| 25) Isophorone                | 7.457  | 82   | 1095740  | 50.42     | ng    | # 65     |
| 36) 4-Chloro-3-methylphenol   | 8.739  | 107  | 48392    | 4.85      | ng    | # 19     |
| 50) Dimethylphthalate         | 9.645  | 163  | 90340    | 3.88      | ng    | # 97     |
| 57) 2,4-Dinitrotoluene        | 9.933  | 165  | 38164    | 5.83      | ng    | # 26     |
| 67) 4-Bromophenyl-phenylether | 10.722 | 248  | 22609    | 3.61      | ng    | # 1      |
| -----                         |        |      |          |           |       |          |

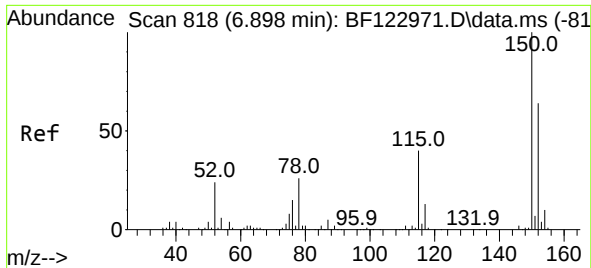
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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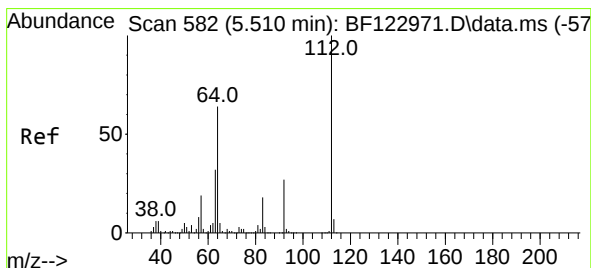
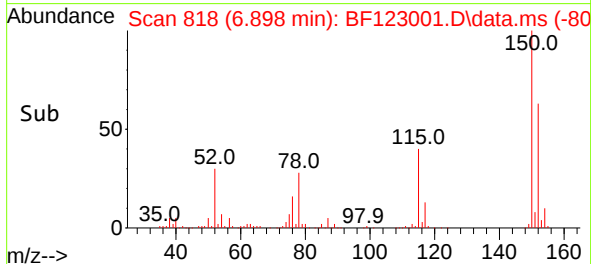
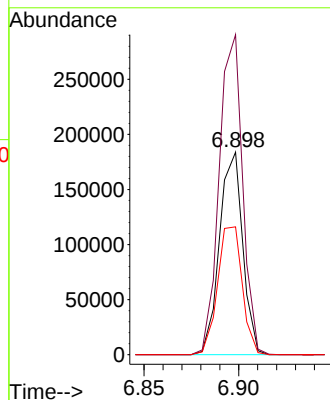
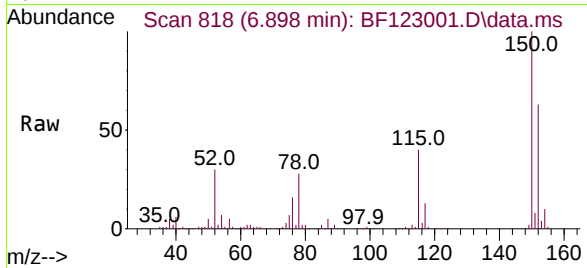




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 6.898 min Scan# 818  
Delta R.T. 0.000 min  
Lab File: BF123001.D  
Acq: 18 Jan 2021 22:38

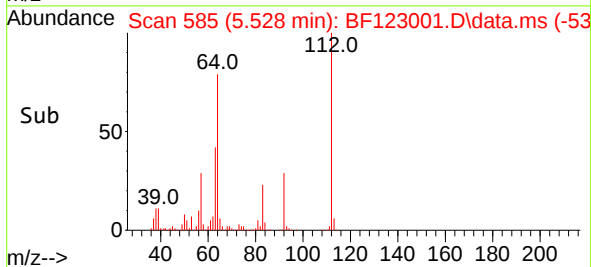
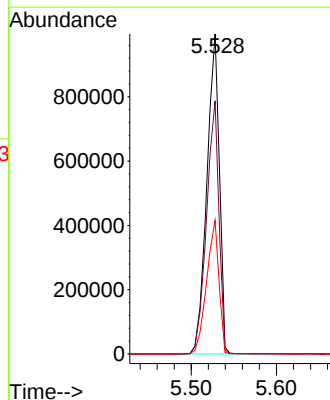
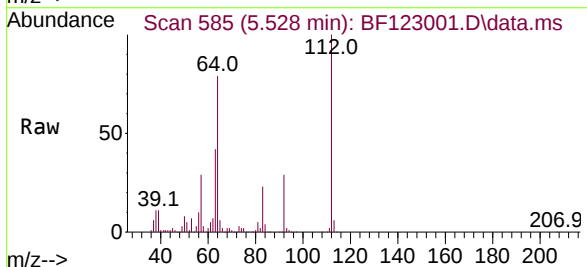
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ClientSampleId :  
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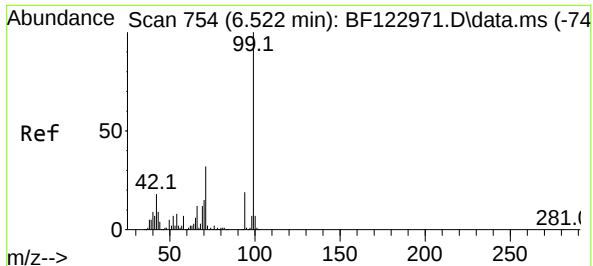
Tgt Ion:152 Resp: 157095  
Ion Ratio Lower Upper  
152 100  
150 158.0 125.8 188.6  
115 63.2 49.3 73.9



#5  
2-Fluorophenol  
Concen: 97.66 ng  
RT: 5.528 min Scan# 585  
Delta R.T. 0.018 min  
Lab File: BF123001.D  
Acq: 18 Jan 2021 22:38

Tgt Ion:112 Resp: 1014931  
Ion Ratio Lower Upper  
112 100  
64 79.1 46.9 70.3#  
63 41.8 24.5 36.7#

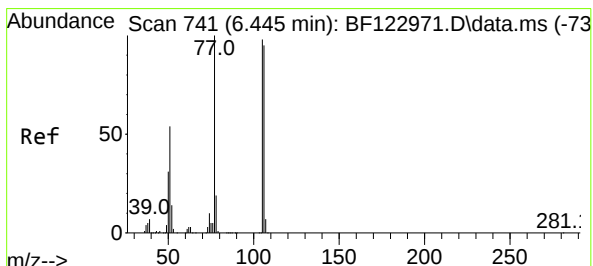
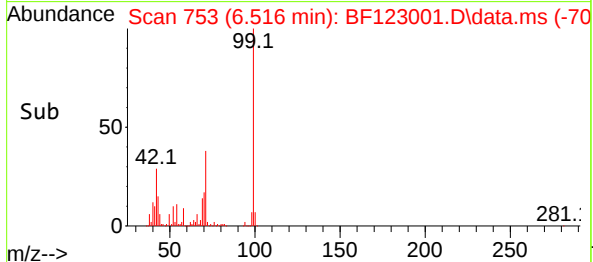
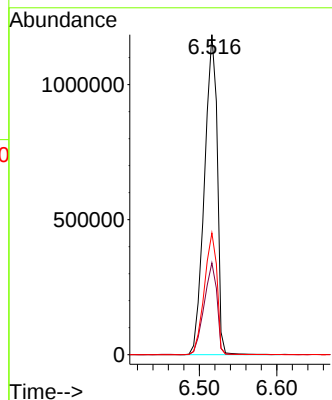
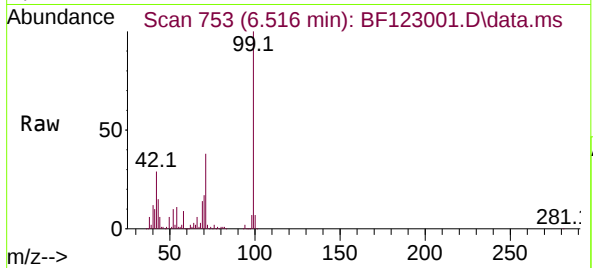




#7  
Phenol-d6  
Concen: 97.25 ng  
RT: 6.516 min Scan# 753  
Delta R.T. -0.006 min  
Lab File: BF123001.D  
Acq: 18 Jan 2021 22:38

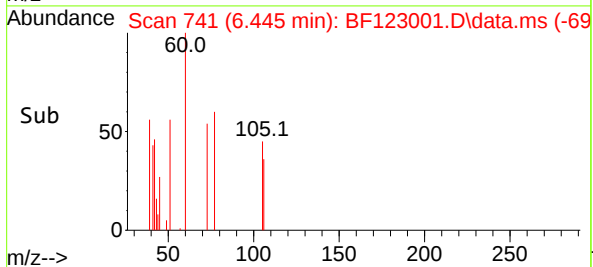
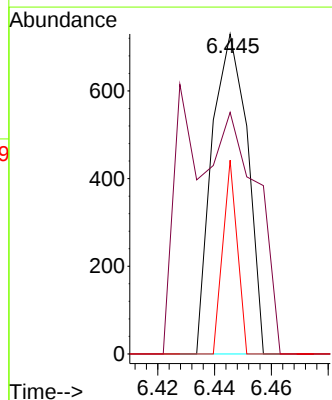
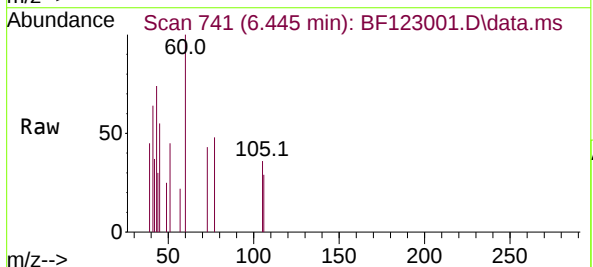
Instrument :  
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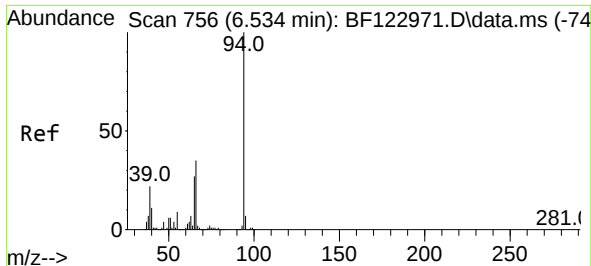
Tgt Ion: 99 Resp: 1358279  
Ion Ratio Lower Upper  
99 100  
42 28.7 13.8 20.6#  
71 38.0 26.9 40.3



#9  
Benzaldehyde  
Concen: Below Cal  
RT: 6.445 min Scan# 741  
Delta R.T. 0.000 min  
Lab File: BF123001.D  
Acq: 18 Jan 2021 22:38

Tgt Ion: 77 Resp: 630  
Ion Ratio Lower Upper  
77 100  
105 75.5 80.6 120.6#  
106 60.5 77.2 117.2#

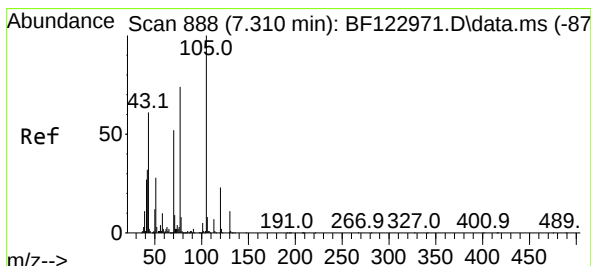
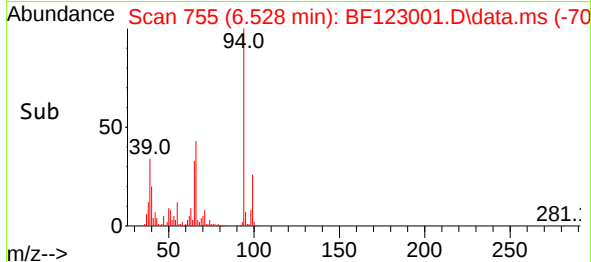
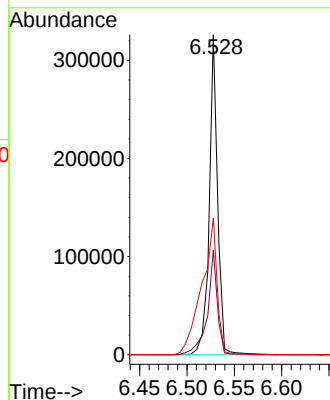
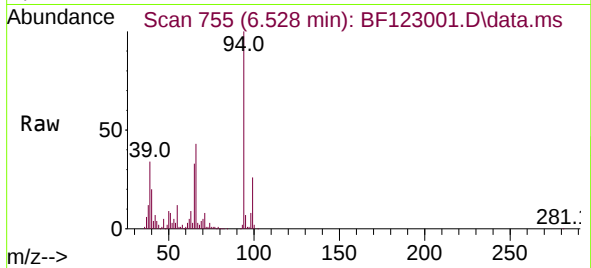




#10  
Phenol  
Concen: 14.25 ng  
RT: 6.528 min Scan# 755  
Delta R.T. -0.006 min  
Lab File: BF123001.D  
Acq: 18 Jan 2021 22:38

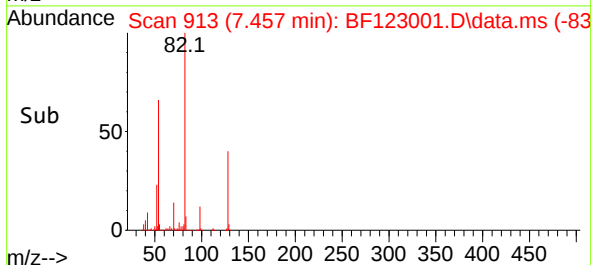
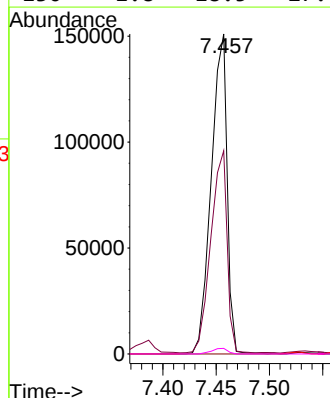
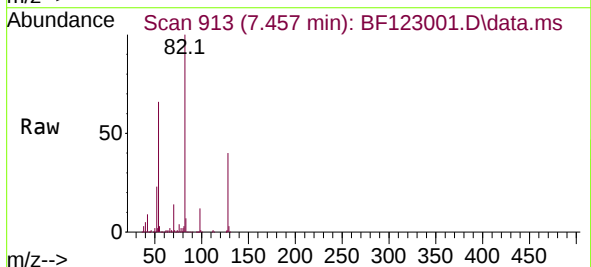
Instrument :  
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ClientSampleId :  
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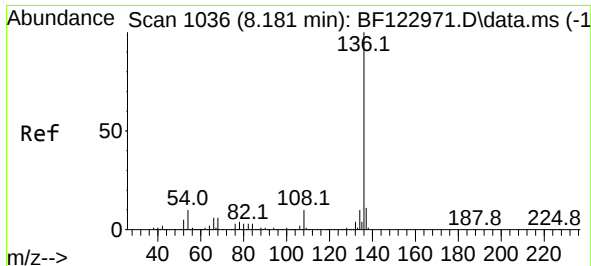
Tgt Ion: 94 Resp: 199923  
Ion Ratio Lower Upper  
94 100  
65 32.7 11.2 51.2  
66 42.6 25.8 65.8



#19  
n-Nitroso-di-n-propylamine  
Concen: 18.91 ng  
RT: 7.457 min Scan# 913  
Delta R.T. 0.147 min  
Lab File: BF123001.D  
Acq: 18 Jan 2021 22:38

Tgt Ion: 70 Resp: 156474  
Ion Ratio Lower Upper  
70 100  
42 63.5 43.0 64.4  
101 0.0 7.9 11.9#  
130 1.8 18.5 27.7#

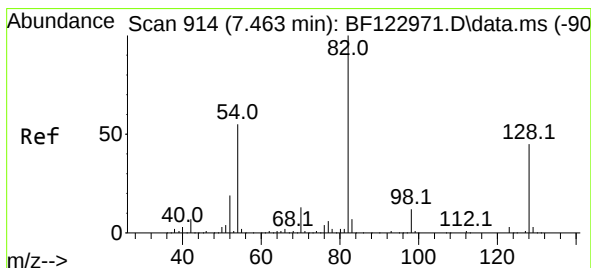
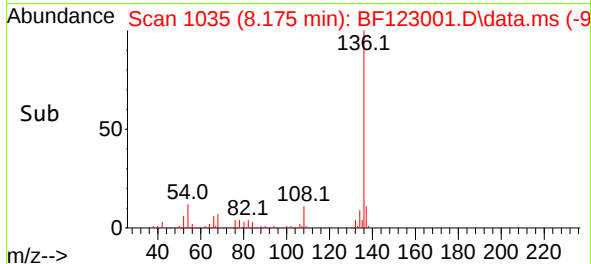
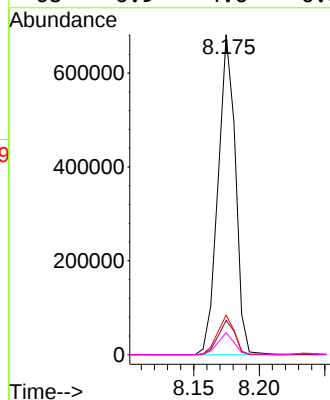
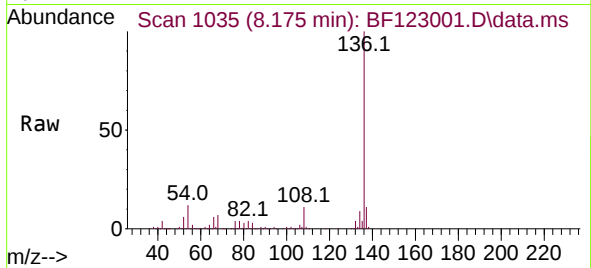




#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 8.175 min Scan# 1035  
Delta R.T. -0.006 min  
Lab File: BF123001.D  
Acq: 18 Jan 2021 22:38

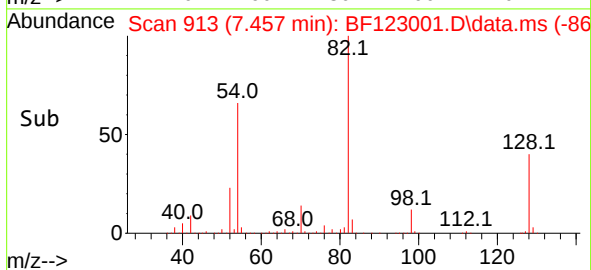
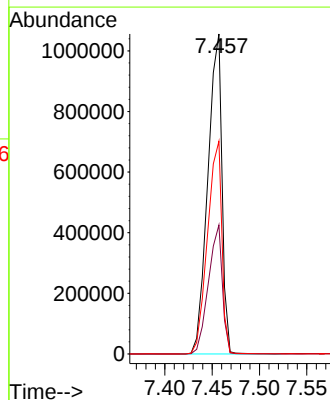
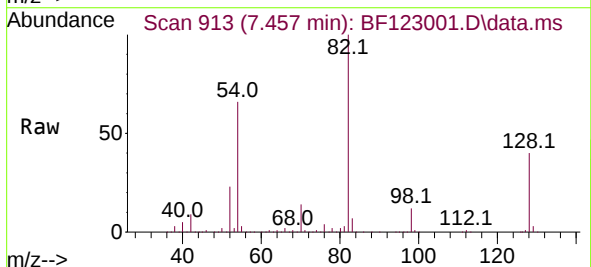
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BNA\_F  
ClientSampleId :  
VNJ-215

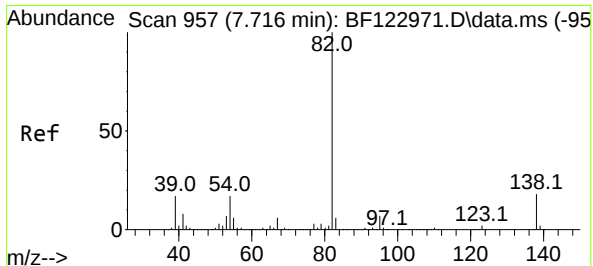
|             |               |
|-------------|---------------|
| Tgt Ion:136 | Resp: 626770  |
| Ion Ratio   | Lower Upper   |
| 136         | 100           |
| 137         | 10.7 8.8 13.2 |
| 54          | 12.3 5.5 8.3# |
| 68          | 6.9 4.6 6.8#  |



#23  
Nitrobenzene-d5  
Concen: 89.96 ng  
RT: 7.457 min Scan# 913  
Delta R.T. -0.006 min  
Lab File: BF123001.D  
Acq: 18 Jan 2021 22:38

|             |                 |
|-------------|-----------------|
| Tgt Ion: 82 | Resp: 1095750   |
| Ion Ratio   | Lower Upper     |
| 82          | 100             |
| 128         | 40.3 37.0 55.4  |
| 54          | 66.5 38.4 57.6# |

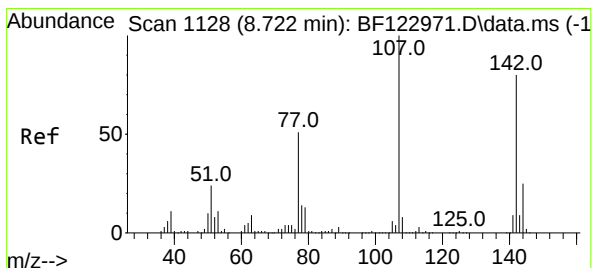
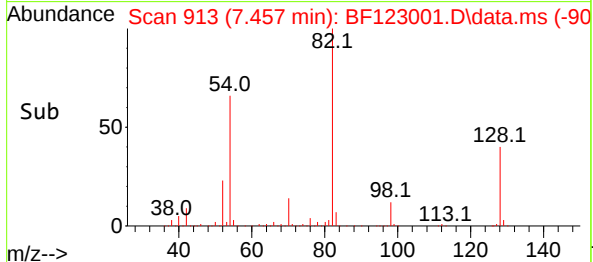
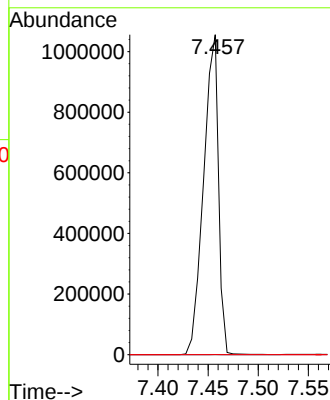
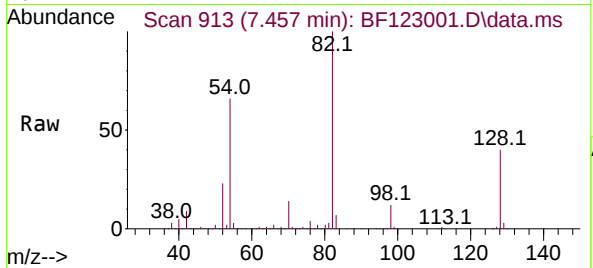




#25  
Isophorone  
Concen: 50.42 ng  
RT: 7.457 min Scan# 913  
Delta R.T. -0.259 min  
Lab File: BF123001.D  
Acq: 18 Jan 2021 22:38

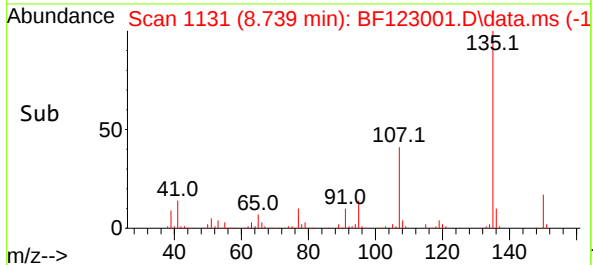
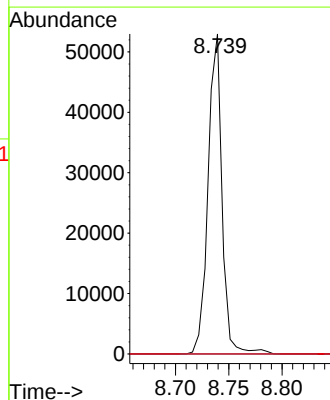
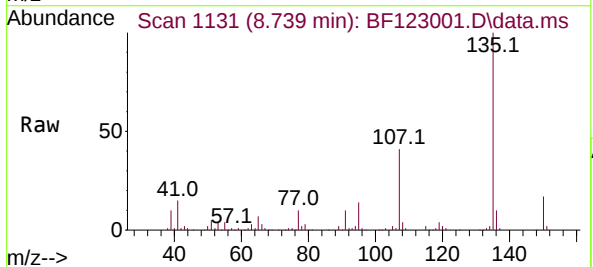
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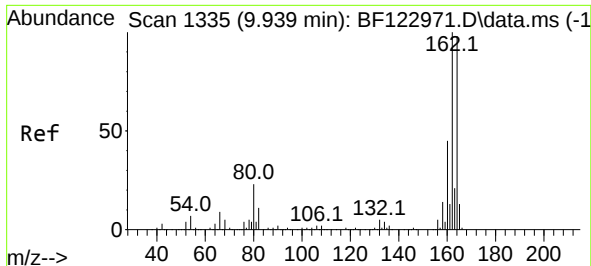
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Ion Ratio Lower Upper  
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95 0.0 5.8 8.6#  
138 0.0 14.6 21.8#



#36  
4-Chloro-3-methylphenol  
Concen: 4.85 ng  
RT: 8.739 min Scan# 1131  
Delta R.T. 0.018 min  
Lab File: BF123001.D  
Acq: 18 Jan 2021 22:38

Tgt Ion: 107 Resp: 48392  
Ion Ratio Lower Upper  
107 100  
144 0.0 20.2 30.2#  
142 0.0 64.4 96.6#

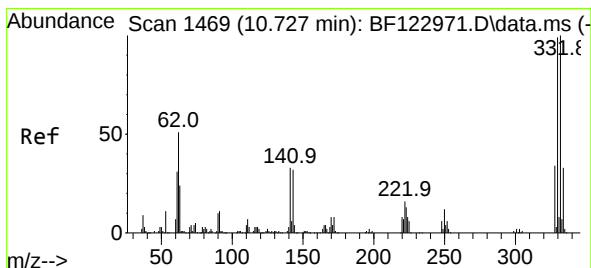
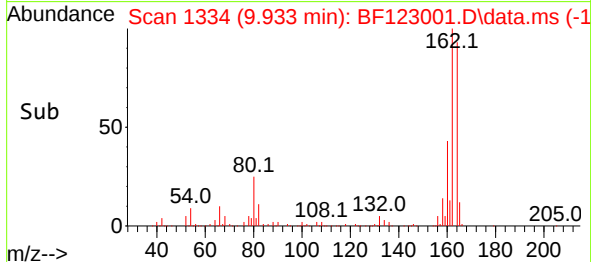
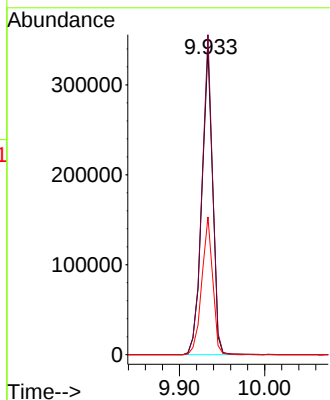
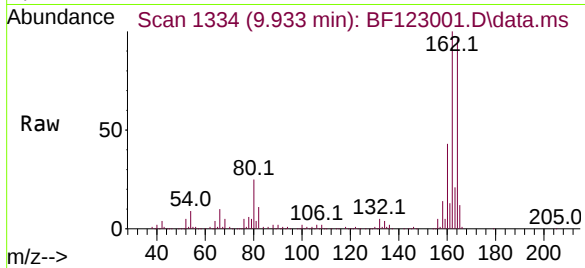




#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 9.933 min Scan# 1334  
Delta R.T. -0.006 min  
Lab File: BF123001.D  
Acq: 18 Jan 2021 22:38

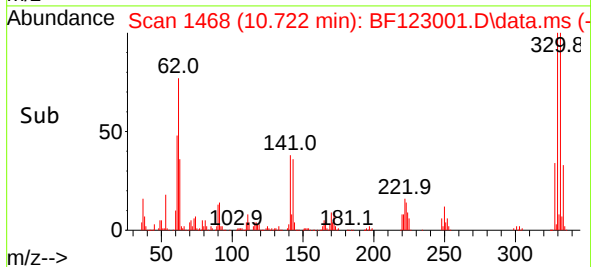
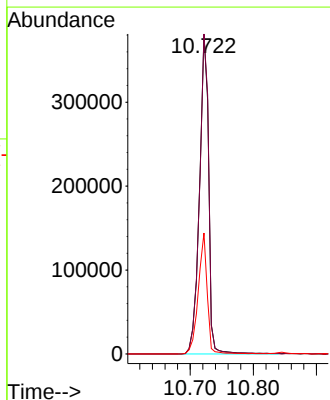
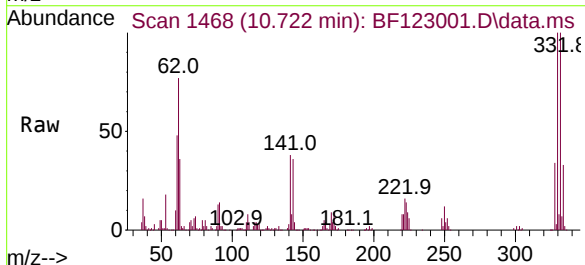
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ClientSampleId :  
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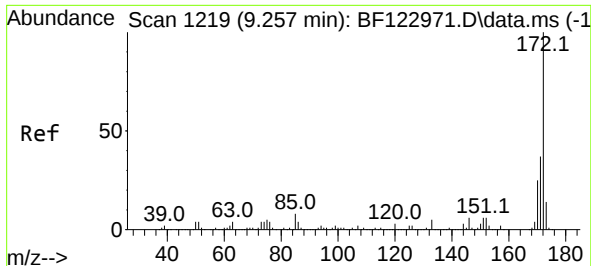
Tgt Ion:164 Resp: 300004  
Ion Ratio Lower Upper  
164 100  
162 104.6 80.8 121.2  
160 45.1 35.4 53.0



#42  
2,4,6-Tribromophenol  
Concen: 113.18 ng  
RT: 10.722 min Scan# 1468  
Delta R.T. -0.005 min  
Lab File: BF123001.D  
Acq: 18 Jan 2021 22:38

Tgt Ion:330 Resp: 383993  
Ion Ratio Lower Upper  
330 100  
332 100.2 77.5 116.3  
141 36.8 23.8 35.8#

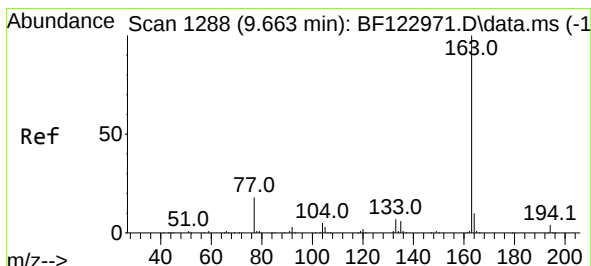
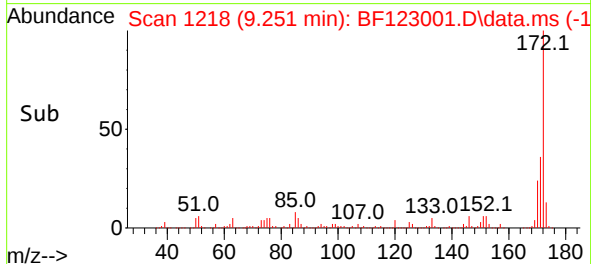
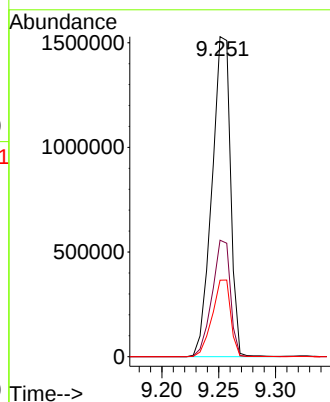
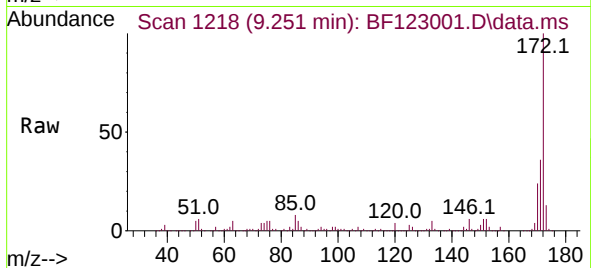




#45  
2-Fluorobiphenyl  
Concen: 81.13 ng  
RT: 9.251 min Scan# 1218  
Delta R.T. -0.006 min  
Lab File: BF123001.D  
Acq: 18 Jan 2021 22:38

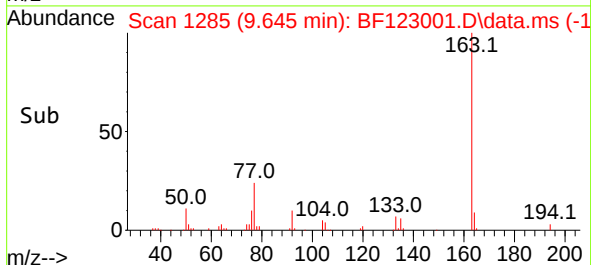
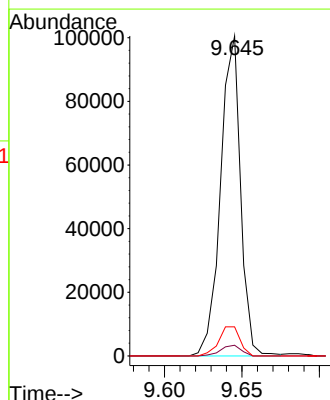
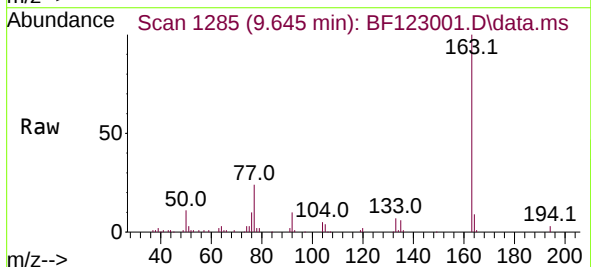
Instrument :  
BNA\_F  
ClientSampleId :  
VNJ-215

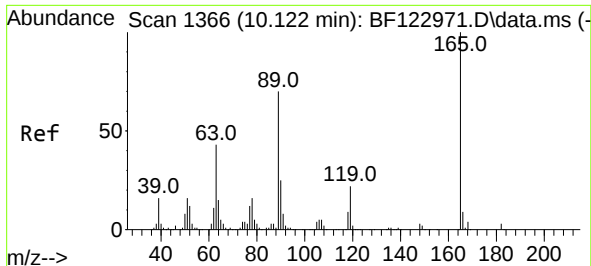
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Ion Ratio Lower Upper  
172 100  
171 36.4 29.6 44.4  
170 23.9 19.5 29.3



#50  
Dimethylphthalate  
Concen: 3.88 ng  
RT: 9.645 min Scan# 1285  
Delta R.T. -0.018 min  
Lab File: BF123001.D  
Acq: 18 Jan 2021 22:38

Tgt Ion:163 Resp: 90340  
Ion Ratio Lower Upper  
163 100  
194 3.4 3.4 5.0#  
164 9.1 8.1 12.1

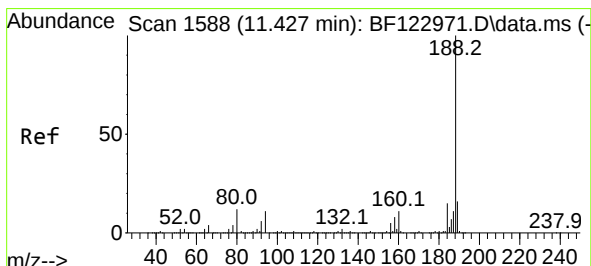
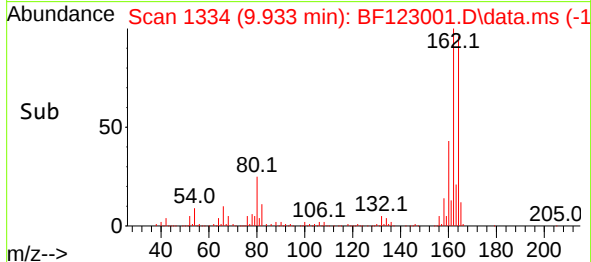
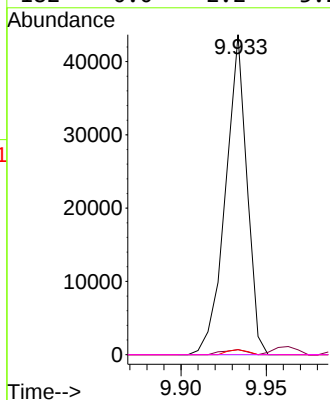
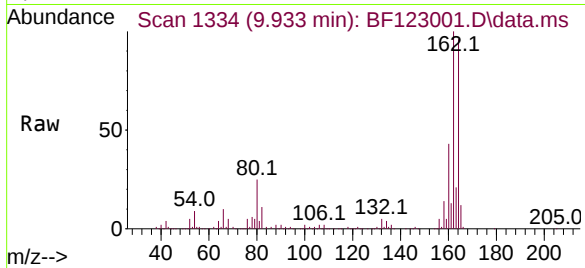




#57  
2,4-Dinitrotoluene  
Concen: 5.83 ng  
RT: 9.933 min Scan# 1334  
Delta R.T. -0.188 min  
Lab File: BF123001.D  
Acq: 18 Jan 2021 22:38

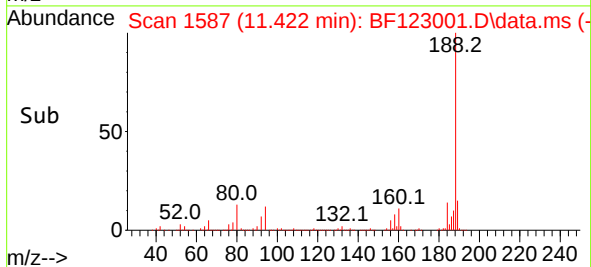
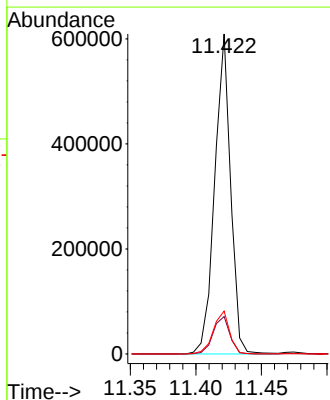
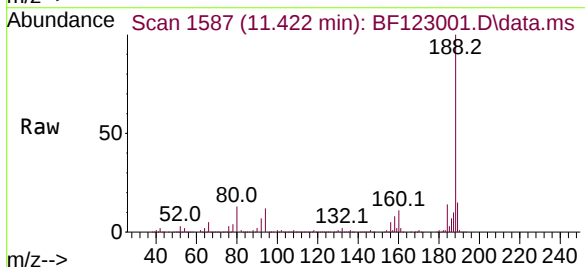
Instrument :  
BNA\_F  
ClientSampleId :  
VNJ-215

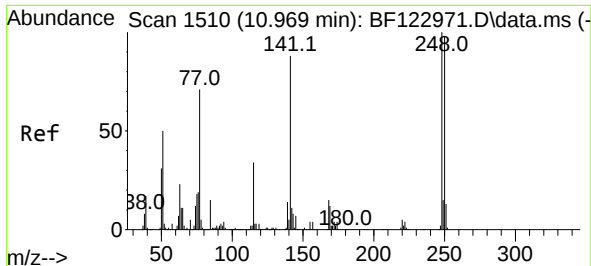
Tgt Ion:165 Resp: 38164  
Ion Ratio Lower Upper  
165 100  
63 1.6 34.3 51.5#  
89 1.5 55.2 82.8#  
182 0.0 2.2 3.2#



#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.422 min Scan# 1587  
Delta R.T. -0.006 min  
Lab File: BF123001.D  
Acq: 18 Jan 2021 22:38

Tgt Ion:188 Resp: 512795  
Ion Ratio Lower Upper  
188 100  
94 11.7 7.4 11.2#  
80 13.4 8.2 12.4#

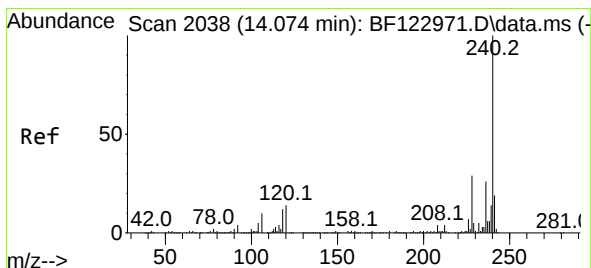
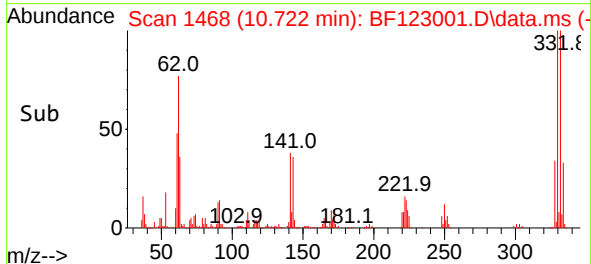
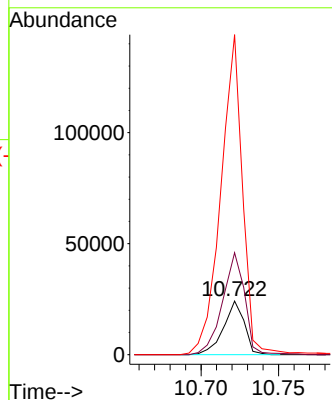
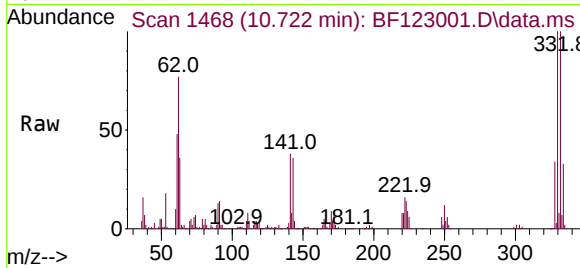




#67  
4-Bromophenyl-phenylether  
Concen: 3.61 ng  
RT: 10.722 min Scan# 1468  
Delta R.T. -0.247 min  
Lab File: BF123001.D  
Acq: 18 Jan 2021 22:38

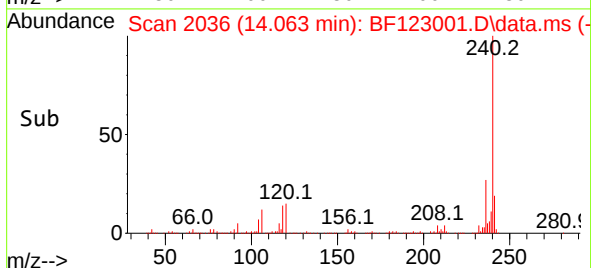
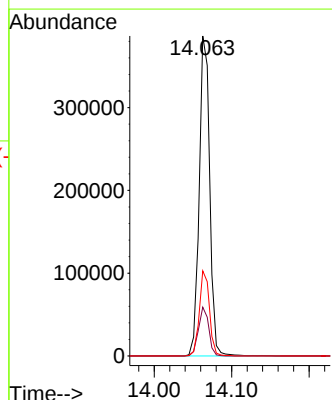
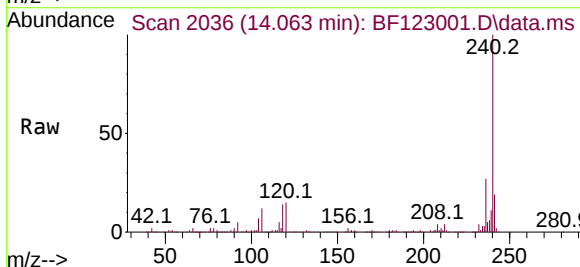
Instrument :  
BNA\_F  
ClientSampled :  
VNJ-215

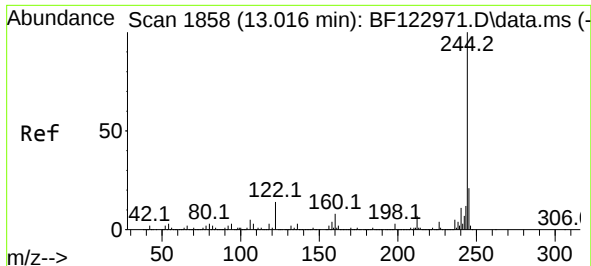
Tgt Ion:248 Resp: 22609  
Ion Ratio Lower Upper  
248 100  
250 190.2 76.8 115.2#  
141 596.6 59.8 89.8#



#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 14.063 min Scan# 2036  
Delta R.T. -0.012 min  
Lab File: BF123001.D  
Acq: 18 Jan 2021 22:38

Tgt Ion:240 Resp: 362841  
Ion Ratio Lower Upper  
240 100  
120 15.2 8.6 12.8#  
236 26.6 20.3 30.5

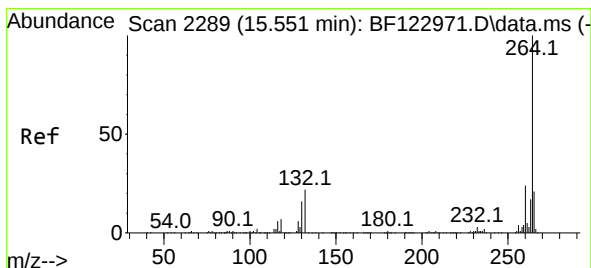
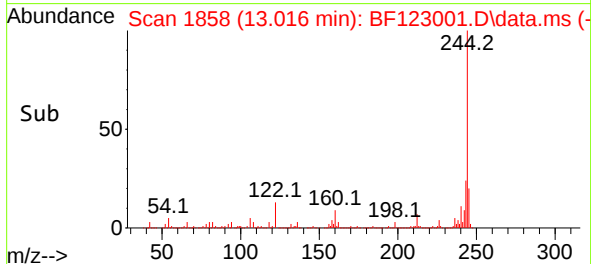
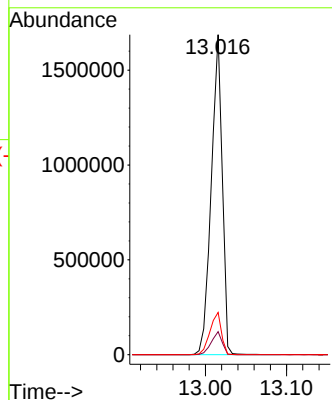
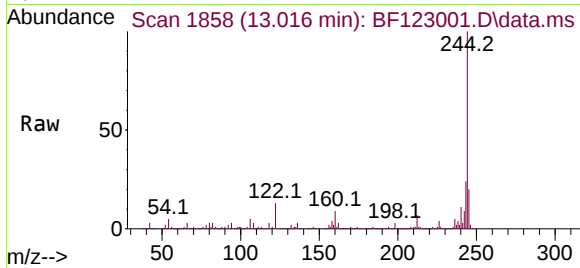




#79  
Terphenyl-d14  
Concen: 79.77 ng  
RT: 13.016 min Scan# 1858  
Delta R.T. -0.000 min  
Lab File: BF123001.D  
Acq: 18 Jan 2021 22:38

Instrument :  
BNA\_F  
ClientSampleId :  
VNJ-215

Tgt Ion:244 Resp: 1578692  
Ion Ratio Lower Upper  
244 100  
212 7.2 5.7 8.5  
122 13.2 8.3 12.5#



#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 15.545 min Scan# 2288  
Delta R.T. -0.006 min  
Lab File: BF123001.D  
Acq: 18 Jan 2021 22:38

Tgt Ion:264 Resp: 289439  
Ion Ratio Lower Upper  
264 100  
260 24.4 18.6 28.0  
265 21.9 17.0 25.6

