

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF021522\  
 Data File : BF126900.D  
 Acq On : 15 Feb 2022 19:12  
 Operator : CG\JU  
 Sample : N1477-05  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SPLP-LEACHATE-AMENDED-COMP-7

Quant Time: Feb 16 00:20:11 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF020922.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Feb 10 00:44:00 2022  
 Response via : Initial Calibration

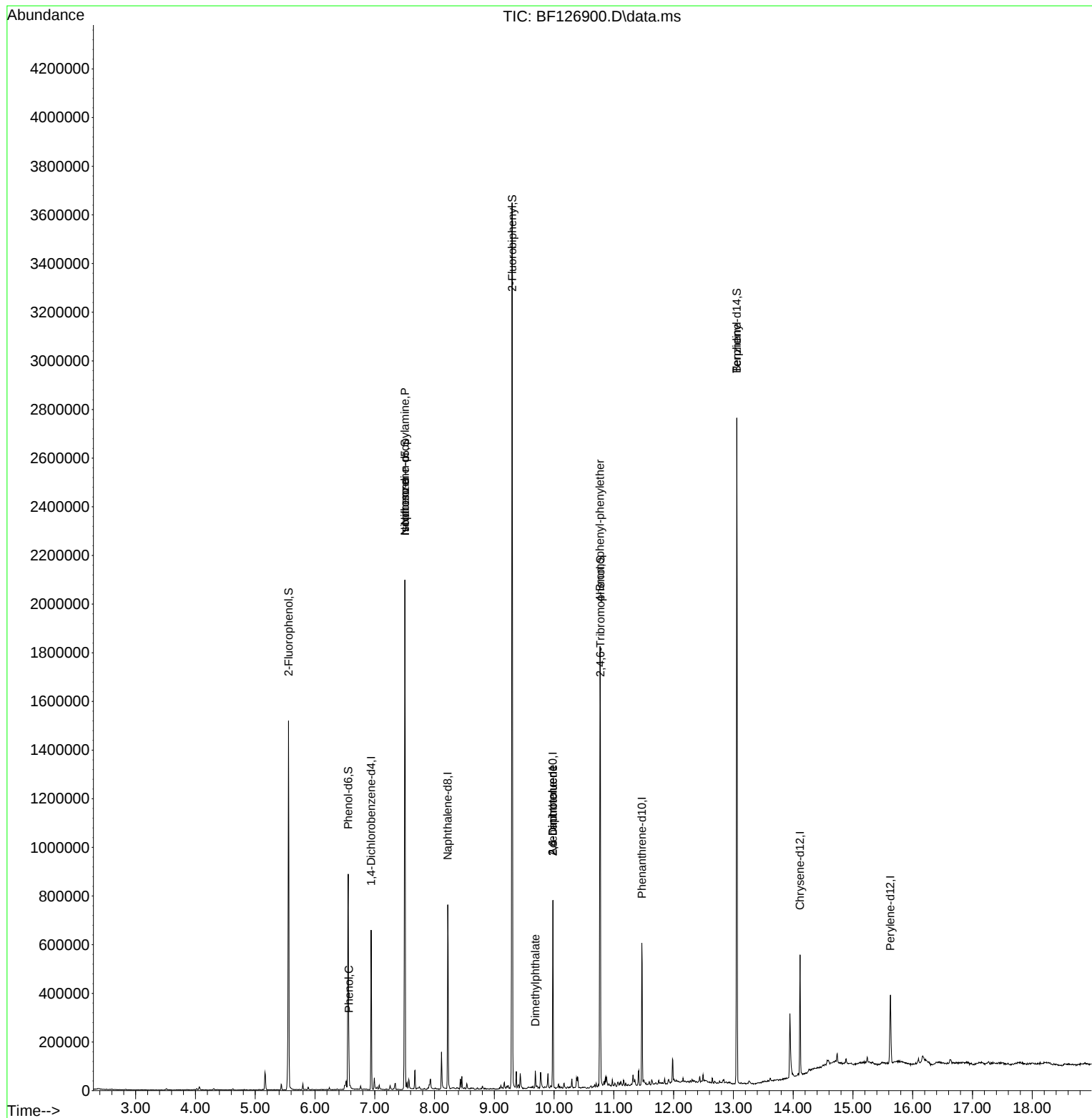
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.939  | 152  | 81016    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.222  | 136  | 295781   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.980  | 164  | 129029   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.469 | 188  | 197922   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 14.115 | 240  | 150031   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 15.627 | 264  | 113856   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.557  | 112  | 329421   | 62.604  | ng    | 0.00     |
| 7) Phenol-d6                  | 6.557  | 99   | 252689   | 35.572  | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.504  | 82   | 677114   | 105.626 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.774 | 330  | 196308   | 141.915 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.298  | 172  | 938837   | 109.527 | ng    | 0.00     |
| 79) Terphenyl-d14             | 13.057 | 244  | 846094   | 80.846  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 10) Phenol                    | 6.569  | 94   | 27037    | 3.776   | ng    | 98       |
| 19) n-Nitroso-di-n-propyla... | 7.504  | 70   | 92916    | 20.655  | ng    | # 79     |
| 25) Isophorone                | 7.504  | 82   | 677107   | 63.044  | ng    | # 68     |
| 50) Dimethylphthalate         | 9.686  | 163  | 19984    | 2.189   | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 9.980  | 165  | 16415    | 8.880   | ng    | # 20     |
| 57) 2,4-Dinitrotoluene        | 9.980  | 165  | 16415    | 6.716   | ng    | # 16     |
| 67) 4-Bromophenyl-phenylether | 10.769 | 248  | 12111    | 5.631   | ng    | # 1      |
| 77) Benzidine                 | 13.057 | 184  | 13231    | 3.351   | ng    | # 93     |
| -----                         |        |      |          |         |       |          |

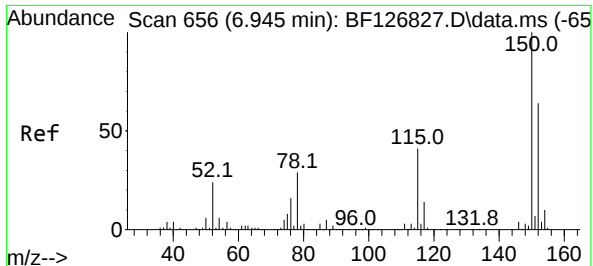
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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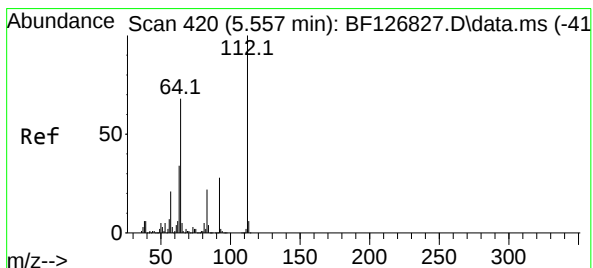
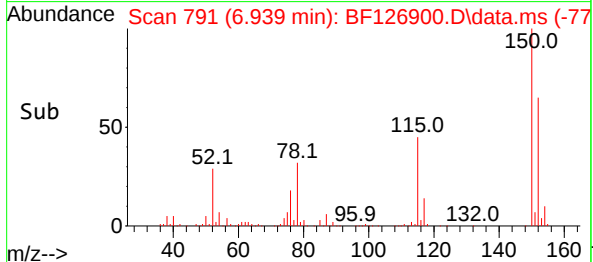
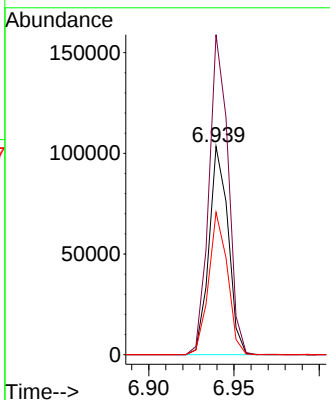
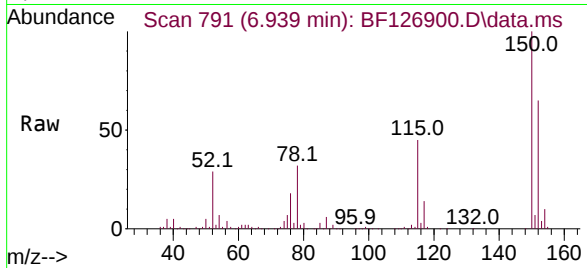




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.939 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BF126900.D  
Acq: 15 Feb 2022 19:12

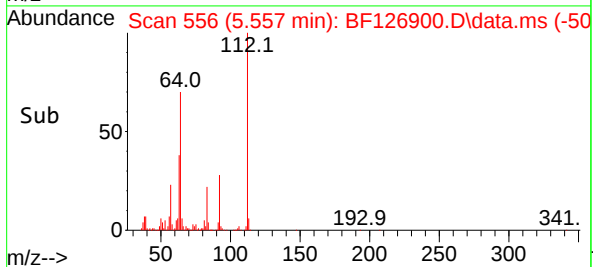
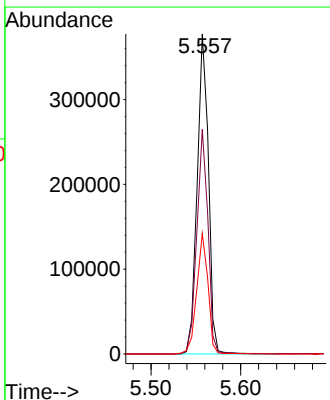
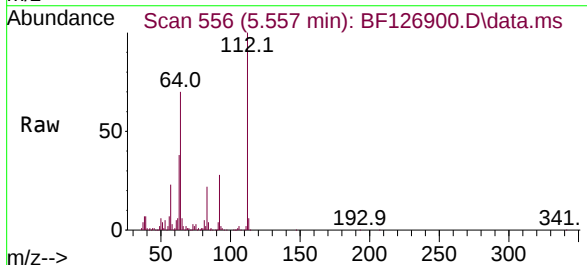
Instrument :  
BNA\_F  
ClientSampleId :  
SPLP-LEACHATE-AMENDED-COMP-7

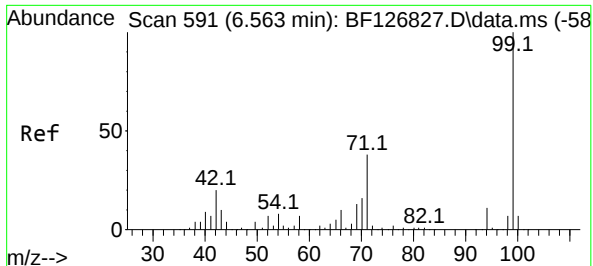
Tgt Ion:152 Resp: 81016  
Ion Ratio Lower Upper  
152 100  
150 153.7 124.3 186.5  
115 68.4 50.5 75.7



#5  
2-Fluorophenol  
Concen: 62.604 ng  
RT: 5.557 min Scan# 556  
Delta R.T. -0.000 min  
Lab File: BF126900.D  
Acq: 15 Feb 2022 19:12

Tgt Ion:112 Resp: 329421  
Ion Ratio Lower Upper  
112 100  
64 70.1 54.3 81.5  
63 37.7 27.5 41.3





#7

Phenol-d6

Concen: 35.572 ng

RT: 6.557 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF126900.D

Acq: 15 Feb 2022 19:12

Instrument :

BNA\_F

ClientSampleId :

SPLP-LEACHATE-AMENDED-COMP-7

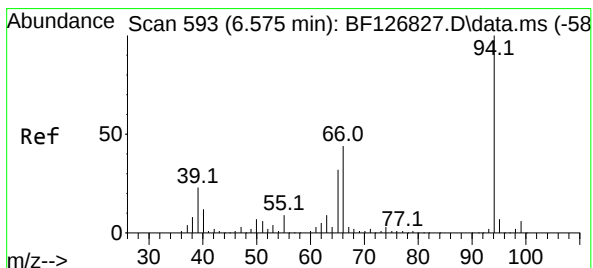
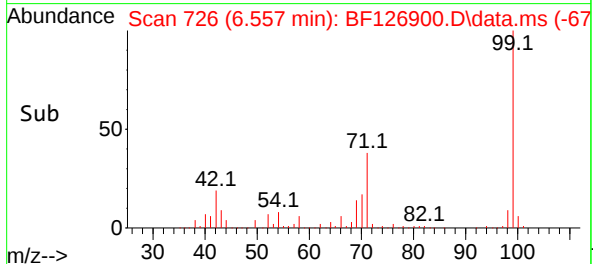
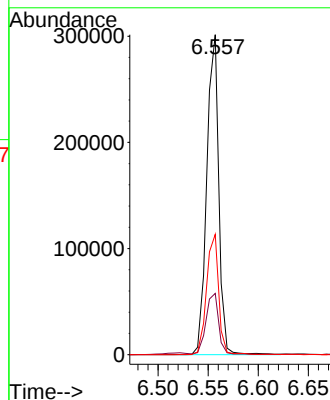
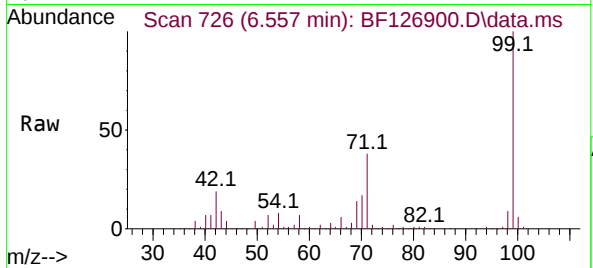
Tgt Ion: 99 Resp: 252689

Ion Ratio Lower Upper

99 100

42 19.1 15.8 23.6

71 37.6 30.6 45.8



#10

Phenol

Concen: 3.776 ng

RT: 6.569 min Scan# 728

Delta R.T. -0.006 min

Lab File: BF126900.D

Acq: 15 Feb 2022 19:12

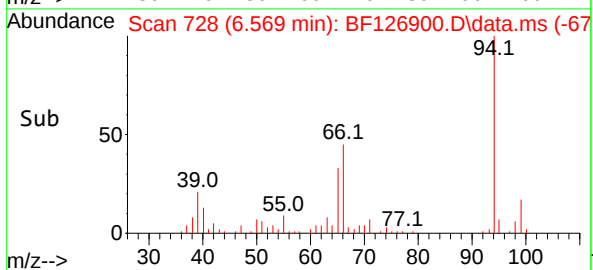
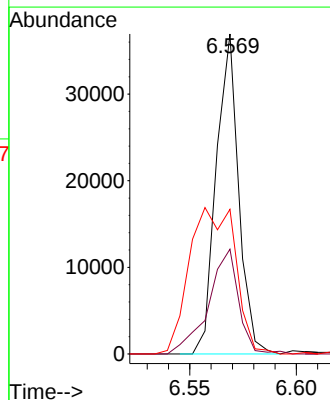
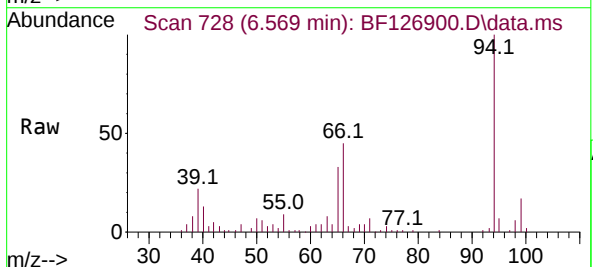
Tgt Ion: 94 Resp: 27037

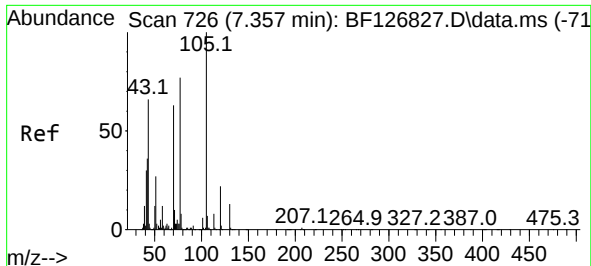
Ion Ratio Lower Upper

94 100

65 32.8 12.1 52.1

66 45.2 23.6 63.6

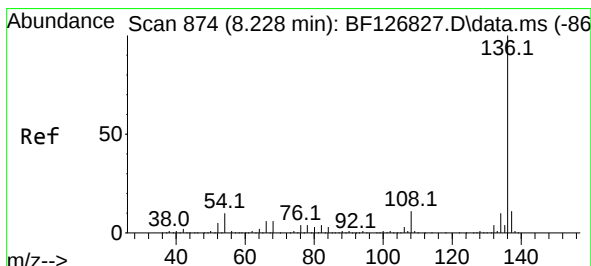
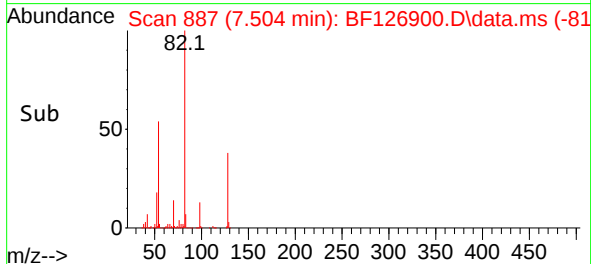
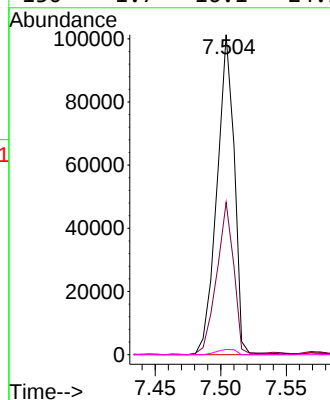
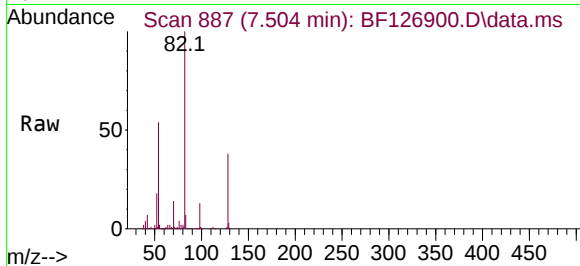




#19  
n-Nitroso-di-n-propylamine  
Concen: 20.655 ng  
RT: 7.504 min Scan# 81  
Delta R.T. 0.147 min  
Lab File: BF126900.D  
Acq: 15 Feb 2022 19:12

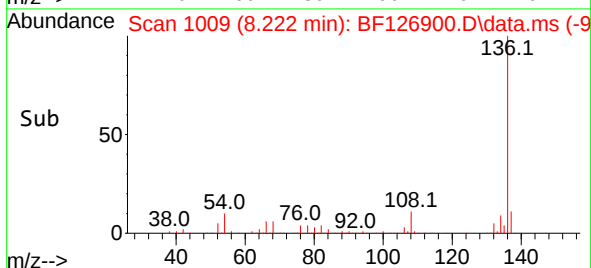
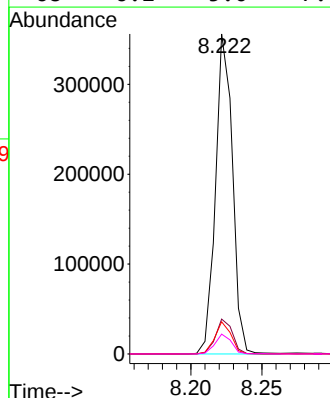
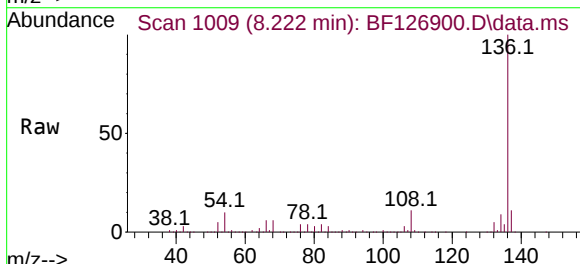
Instrument :  
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SPLP-LEACHATE-AMENDED-COMP-7

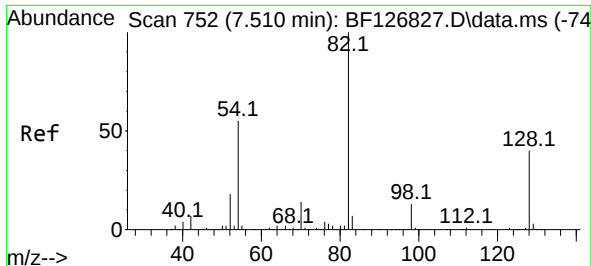
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 70    | Resp: | 92916 |
| Ion      | Ratio | Lower | Upper |
| 70       | 100   |       |       |
| 42       | 47.6  | 46.3  | 69.5  |
| 101      | 0.0   | 7.5   | 11.3# |
| 130      | 1.7   | 16.1  | 24.1# |



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.222 min Scan# 1009  
Delta R.T. -0.006 min  
Lab File: BF126900.D  
Acq: 15 Feb 2022 19:12

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 295781 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 10.9  | 8.6   | 12.8   |
| 54       | 10.0  | 8.0   | 12.0   |
| 68       | 6.2   | 5.0   | 7.6    |





#23

Nitrobenzene-d5

Concen: 105.626 ng

RT: 7.504 min Scan# 887

Delta R.T. -0.006 min

Lab File: BF126900.D

Acq: 15 Feb 2022 19:12

Instrument :

BNA\_F

ClientSampleId :

SPLP-LEACHATE-AMENDED-COMP-7

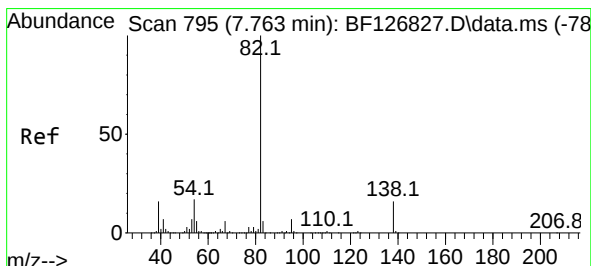
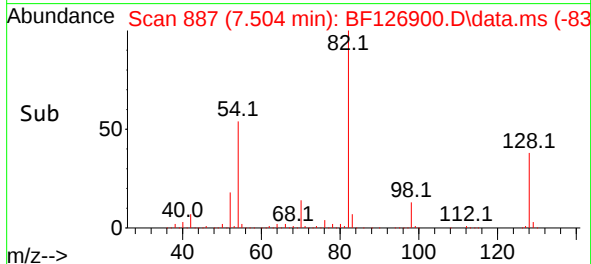
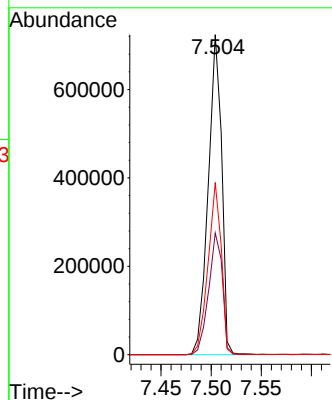
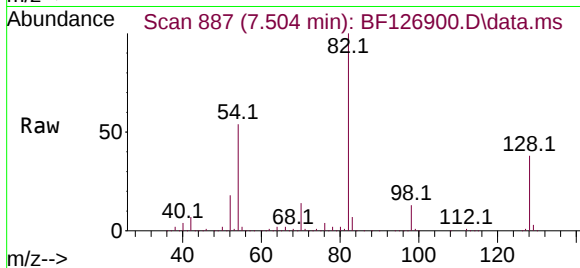
Tgt Ion: 82 Resp: 677114

Ion Ratio Lower Upper

82 100

128 38.1 31.6 47.4

54 53.8 43.7 65.5



#25

Isophorone

Concen: 63.044 ng

RT: 7.504 min Scan# 887

Delta R.T. -0.259 min

Lab File: BF126900.D

Acq: 15 Feb 2022 19:12

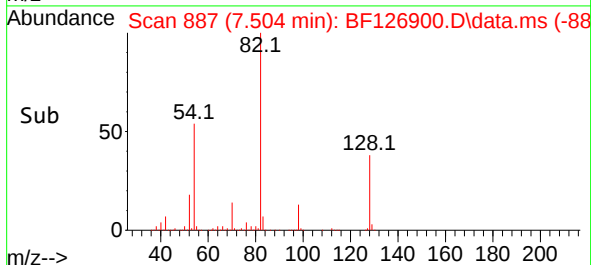
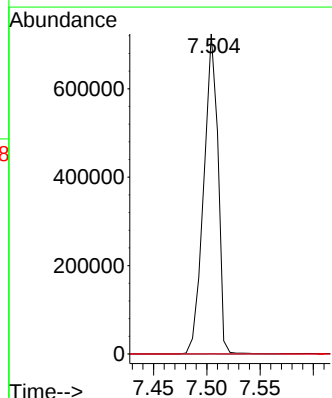
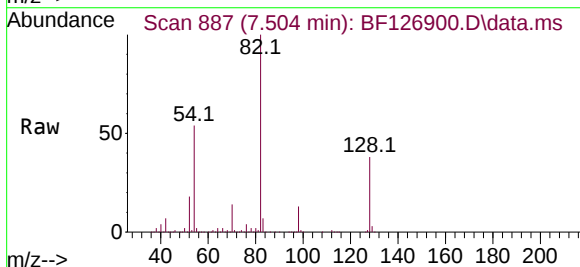
Tgt Ion: 82 Resp: 677107

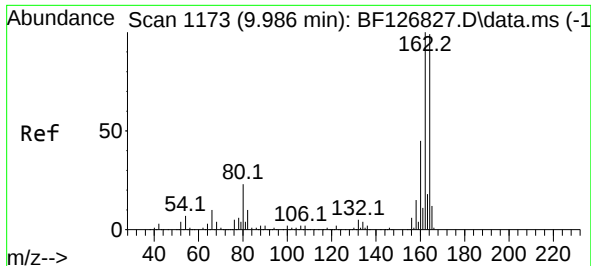
Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.8#

138 0.0 12.6 19.0#

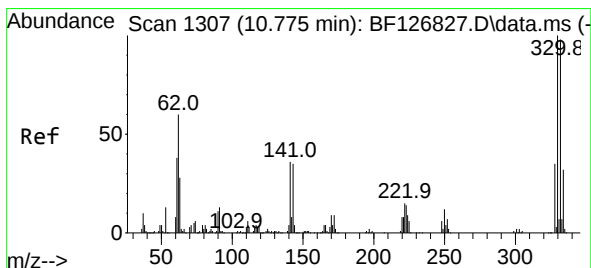
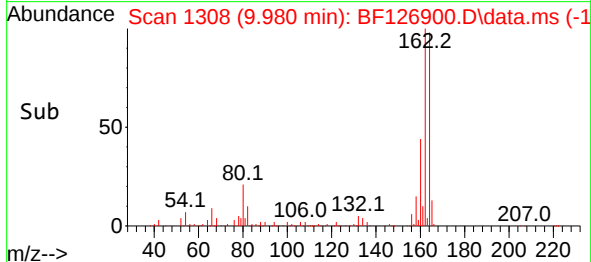
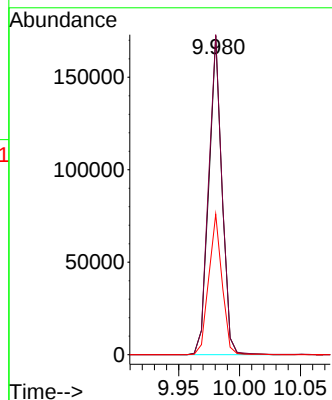
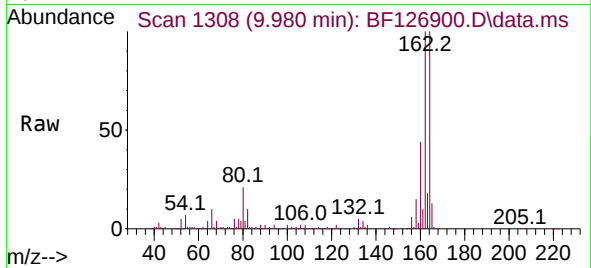




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.980 min Scan# 1173  
Delta R.T. -0.006 min  
Lab File: BF126900.D  
Acq: 15 Feb 2022 19:12

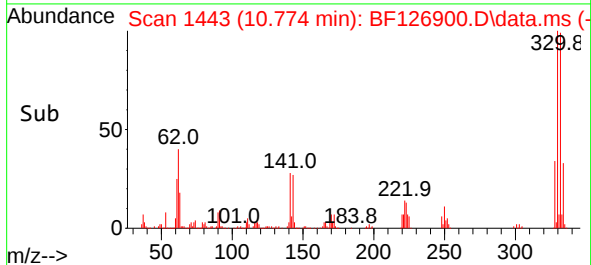
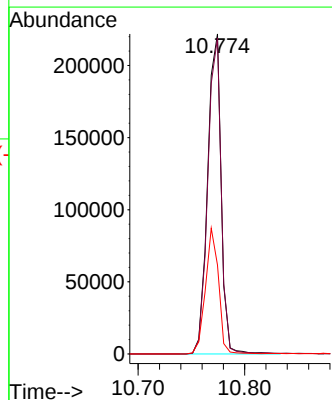
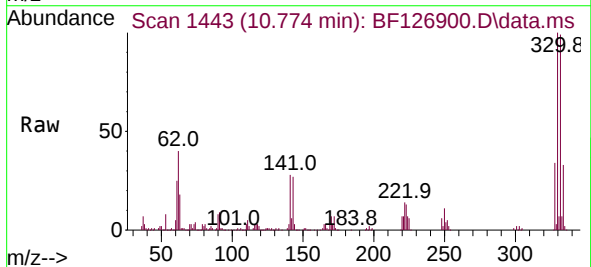
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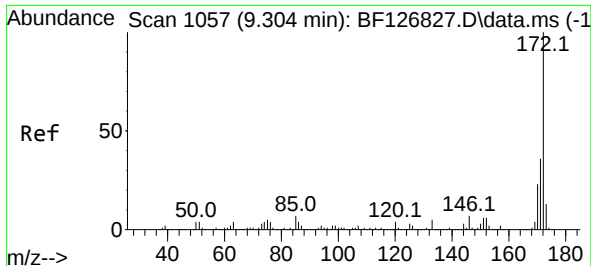
Tgt Ion:164 Resp: 129029  
Ion Ratio Lower Upper  
164 100  
162 100.4 80.9 121.3  
160 44.1 36.0 54.0



#42  
2,4,6-Tribromophenol  
Concen: 141.915 ng  
RT: 10.774 min Scan# 1443  
Delta R.T. -0.000 min  
Lab File: BF126900.D  
Acq: 15 Feb 2022 19:12

Tgt Ion:330 Resp: 196308  
Ion Ratio Lower Upper  
330 100  
332 98.1 78.2 117.4  
141 38.3 31.2 46.8

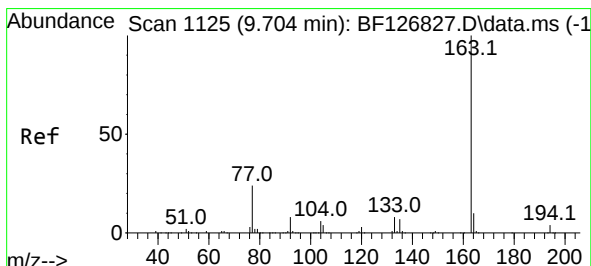
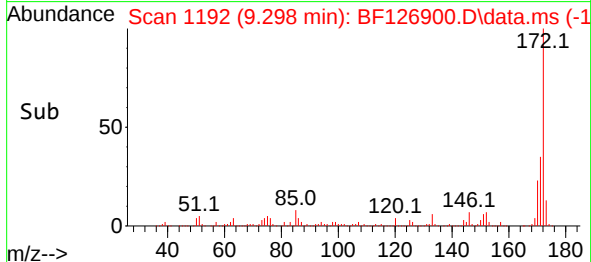
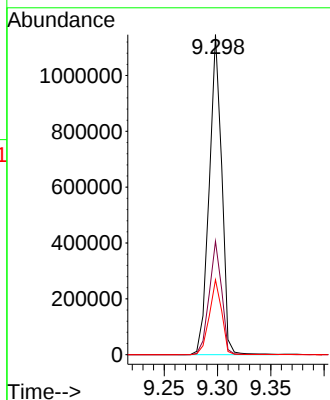
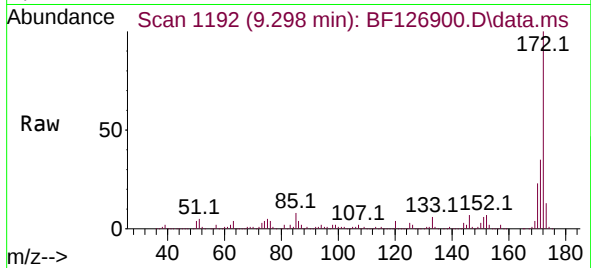




#45  
2-Fluorobiphenyl  
Concen: 109.527 ng  
RT: 9.298 min Scan# 1119  
Delta R.T. -0.006 min  
Lab File: BF126900.D  
Acq: 15 Feb 2022 19:12

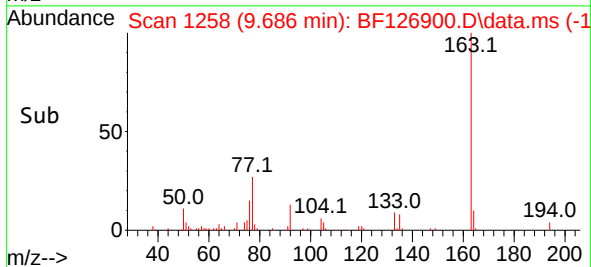
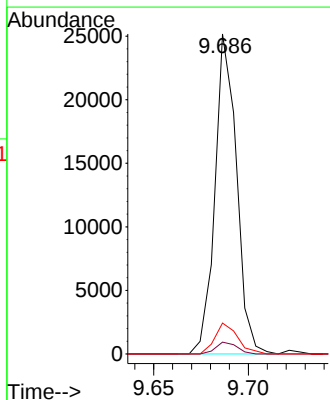
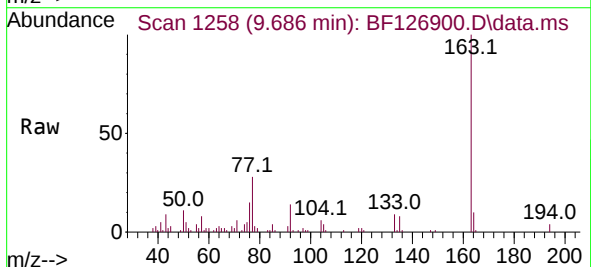
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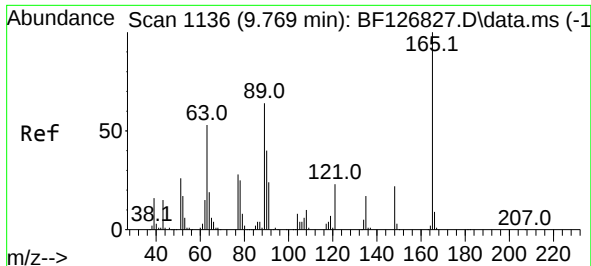
Tgt Ion:172 Resp: 938837  
Ion Ratio Lower Upper  
172 100  
171 35.5 28.5 42.7  
170 23.4 18.7 28.1



#50  
Dimethylphthalate  
Concen: 2.189 ng  
RT: 9.686 min Scan# 1258  
Delta R.T. -0.018 min  
Lab File: BF126900.D  
Acq: 15 Feb 2022 19:12

Tgt Ion:163 Resp: 19984  
Ion Ratio Lower Upper  
163 100  
194 3.7 3.0 4.6  
164 9.7 7.8 11.6

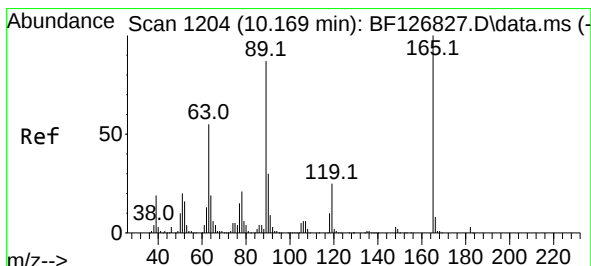
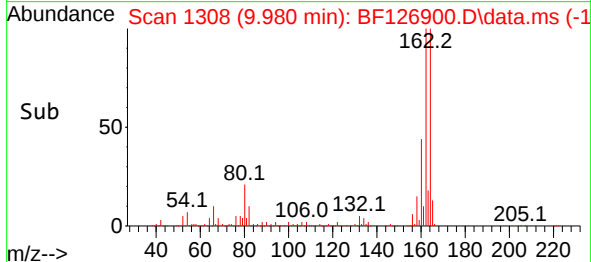
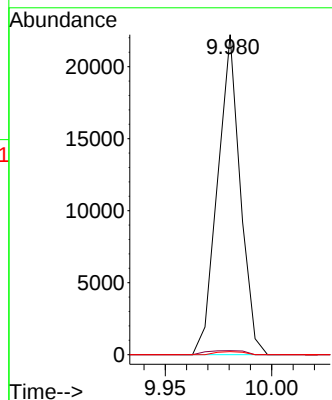
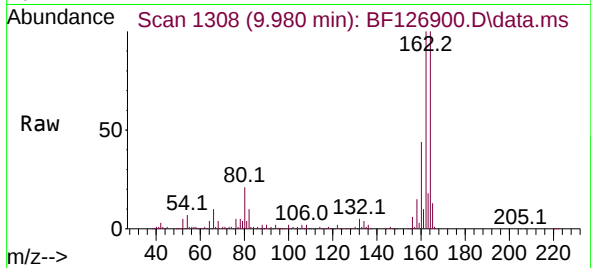




#51  
2,6-Dinitrotoluene  
Concen: 8.880 ng  
RT: 9.980 min Scan# 1136  
Delta R.T. 0.211 min  
Lab File: BF126900.D  
Acq: 15 Feb 2022 19:12

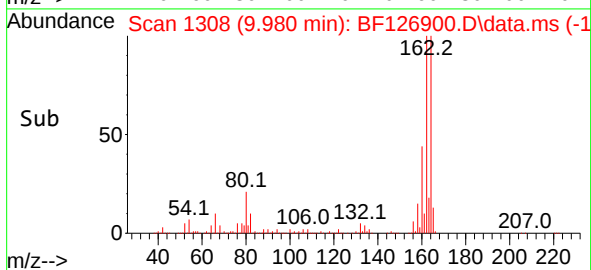
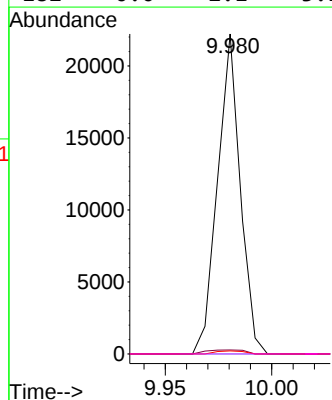
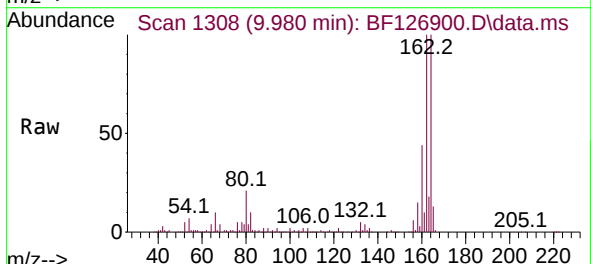
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BNA\_F  
ClientSampleId :  
SPLP-LEACHATE-AMENDED-COMP-7

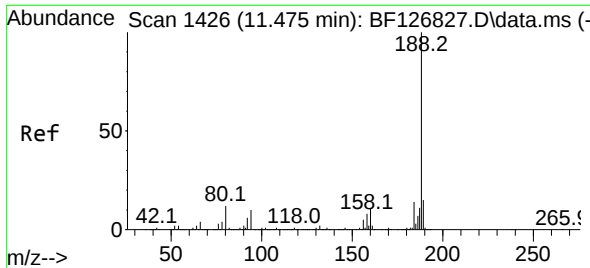
Tgt Ion:165 Resp: 16415  
Ion Ratio Lower Upper  
165 100  
63 1.2 49.9 74.9#  
89 1.0 51.0 76.4#



#57  
2,4-Dinitrotoluene  
Concen: 6.716 ng  
RT: 9.980 min Scan# 1308  
Delta R.T. -0.188 min  
Lab File: BF126900.D  
Acq: 15 Feb 2022 19:12

Tgt Ion:165 Resp: 16415  
Ion Ratio Lower Upper  
165 100  
63 1.2 43.9 65.9#  
89 1.0 69.8 104.8#  
182 0.0 2.1 3.1#

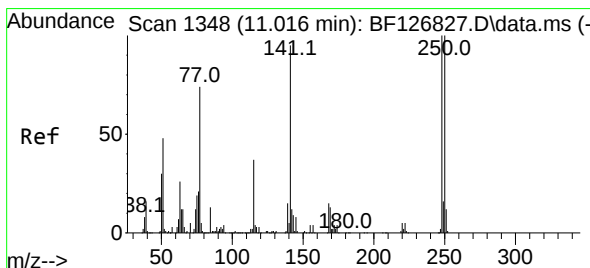
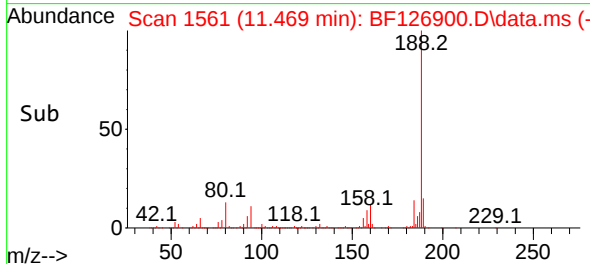
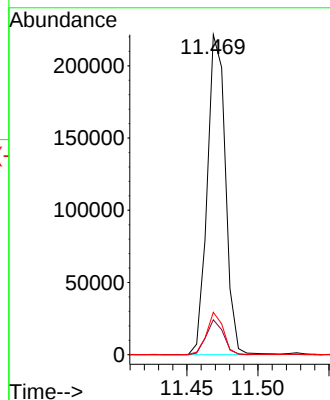
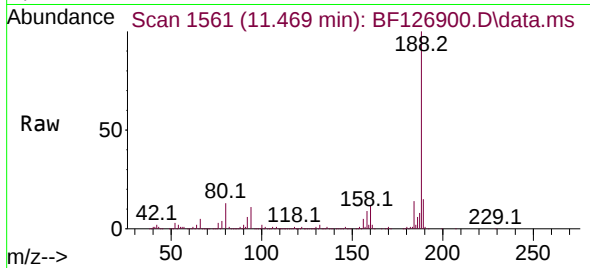




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.469 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF126900.D  
Acq: 15 Feb 2022 19:12

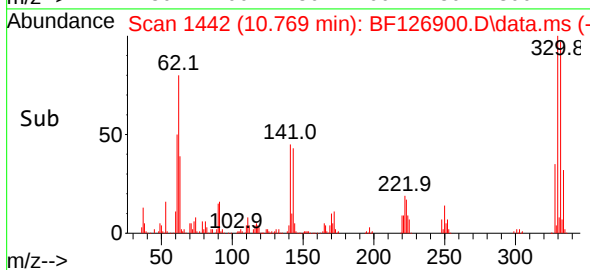
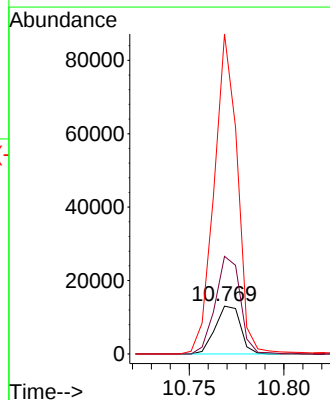
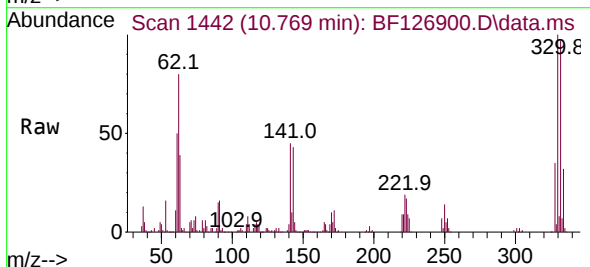
Instrument :  
BNA\_F  
ClientSampleId :  
SPLP-LEACHATE-AMENDED-COMP-7

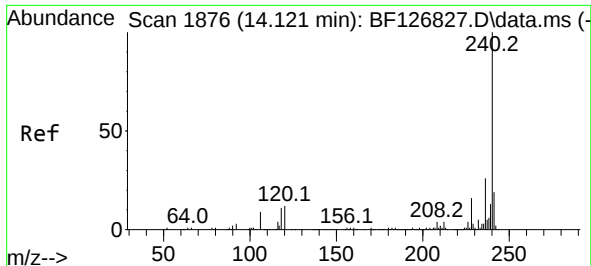
Tgt Ion:188 Resp: 197922  
Ion Ratio Lower Upper  
188 100  
94 10.9 8.1 12.1  
80 13.2 9.5 14.3



#67  
4-Bromophenyl-phenylether  
Concen: 5.631 ng  
RT: 10.769 min Scan# 1442  
Delta R.T. -0.247 min  
Lab File: BF126900.D  
Acq: 15 Feb 2022 19:12

Tgt Ion:248 Resp: 12111  
Ion Ratio Lower Upper  
248 100  
250 204.2 80.0 120.0#  
141 669.5 75.6 113.4#

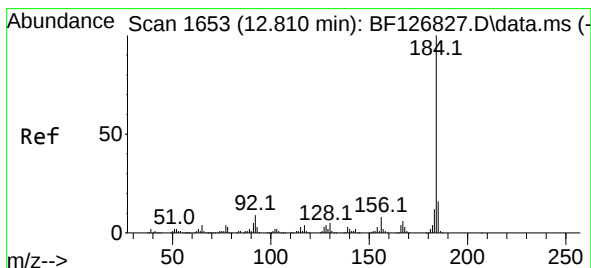
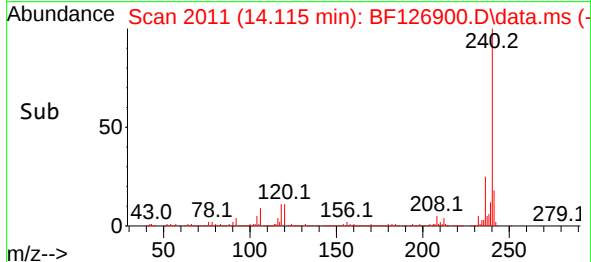
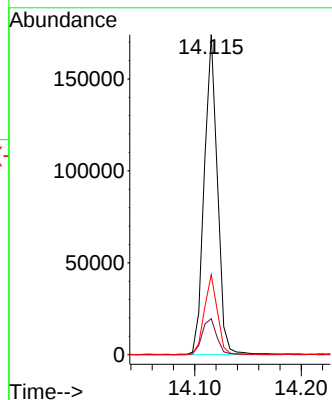
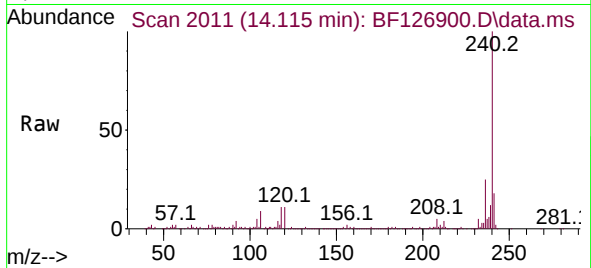




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.115 min Scan# 20  
Delta R.T. -0.006 min  
Lab File: BF126900.D  
Acq: 15 Feb 2022 19:12

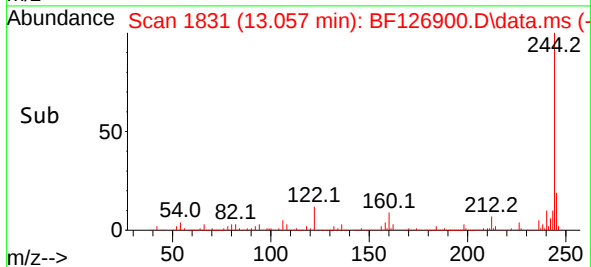
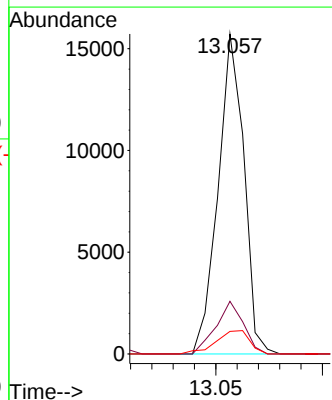
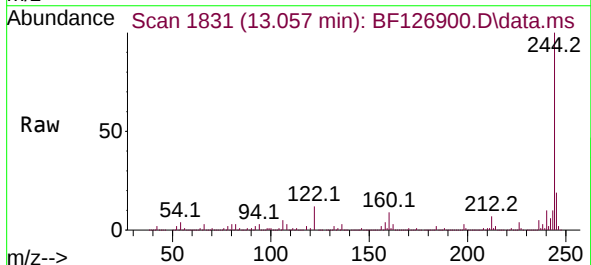
Instrument :  
BNA\_F  
ClientSampleId :  
SPLP-LEACHATE-AMENDED-COMP-7

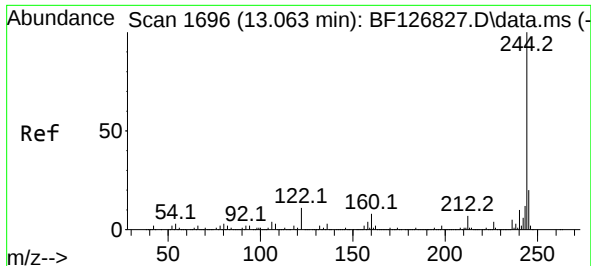
Tgt Ion:240 Resp: 150031  
Ion Ratio Lower Upper  
240 100  
120 11.2 9.8 14.6  
236 25.0 20.5 30.7



#77  
Benzidine  
Concen: 3.351 ng  
RT: 13.057 min Scan# 1831  
Delta R.T. 0.247 min  
Lab File: BF126900.D  
Acq: 15 Feb 2022 19:12

Tgt Ion:184 Resp: 13231  
Ion Ratio Lower Upper  
184 100  
185 16.5 12.5 18.7  
183 7.1 9.6 14.4#

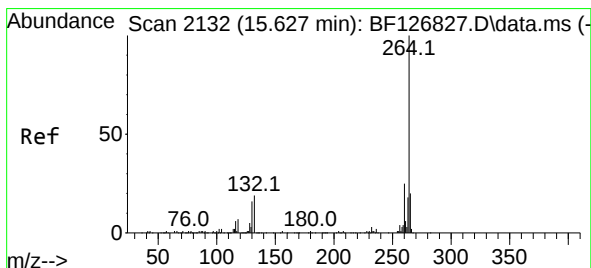
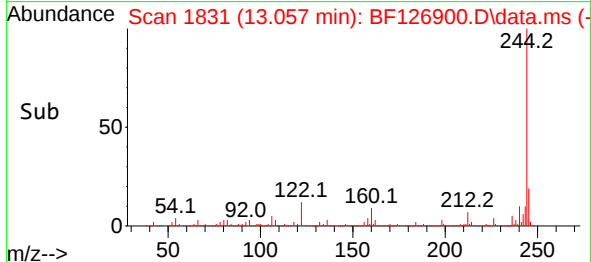
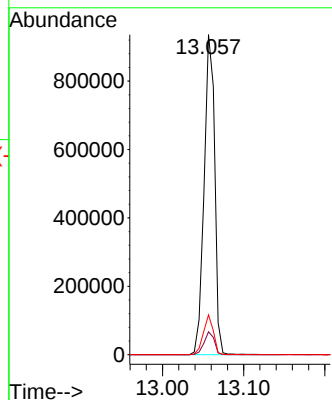
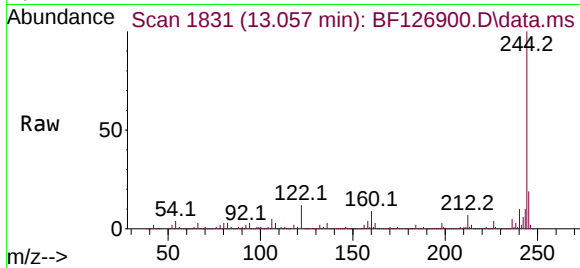




#79  
 Terphenyl-d14  
 Concen: 80.846 ng  
 RT: 13.057 min Scan# 11  
 Delta R.T. -0.006 min  
 Lab File: BF126900.D  
 Acq: 15 Feb 2022 19:12

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SPLP-LEACHATE-AMENDED-COMP-7

Tgt Ion:244 Resp: 846094  
 Ion Ratio Lower Upper  
 244 100  
 212 7.1 5.6 8.4  
 122 12.5 9.0 13.6



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.627 min Scan# 2268  
 Delta R.T. -0.000 min  
 Lab File: BF126900.D  
 Acq: 15 Feb 2022 19:12

Tgt Ion:264 Resp: 113856  
 Ion Ratio Lower Upper  
 264 100  
 260 23.4 19.6 29.4  
 265 21.4 15.9 23.9

