

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP111125\  
 Data File : BP026099.D  
 Acq On : 11 Nov 2025 20:59  
 Operator : RC/JU  
 Sample : Q3584-07  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SEEP-1

Quant Time: Nov 12 01:48:06 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP102925.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Oct 30 11:51:34 2025  
 Response via : Initial Calibration

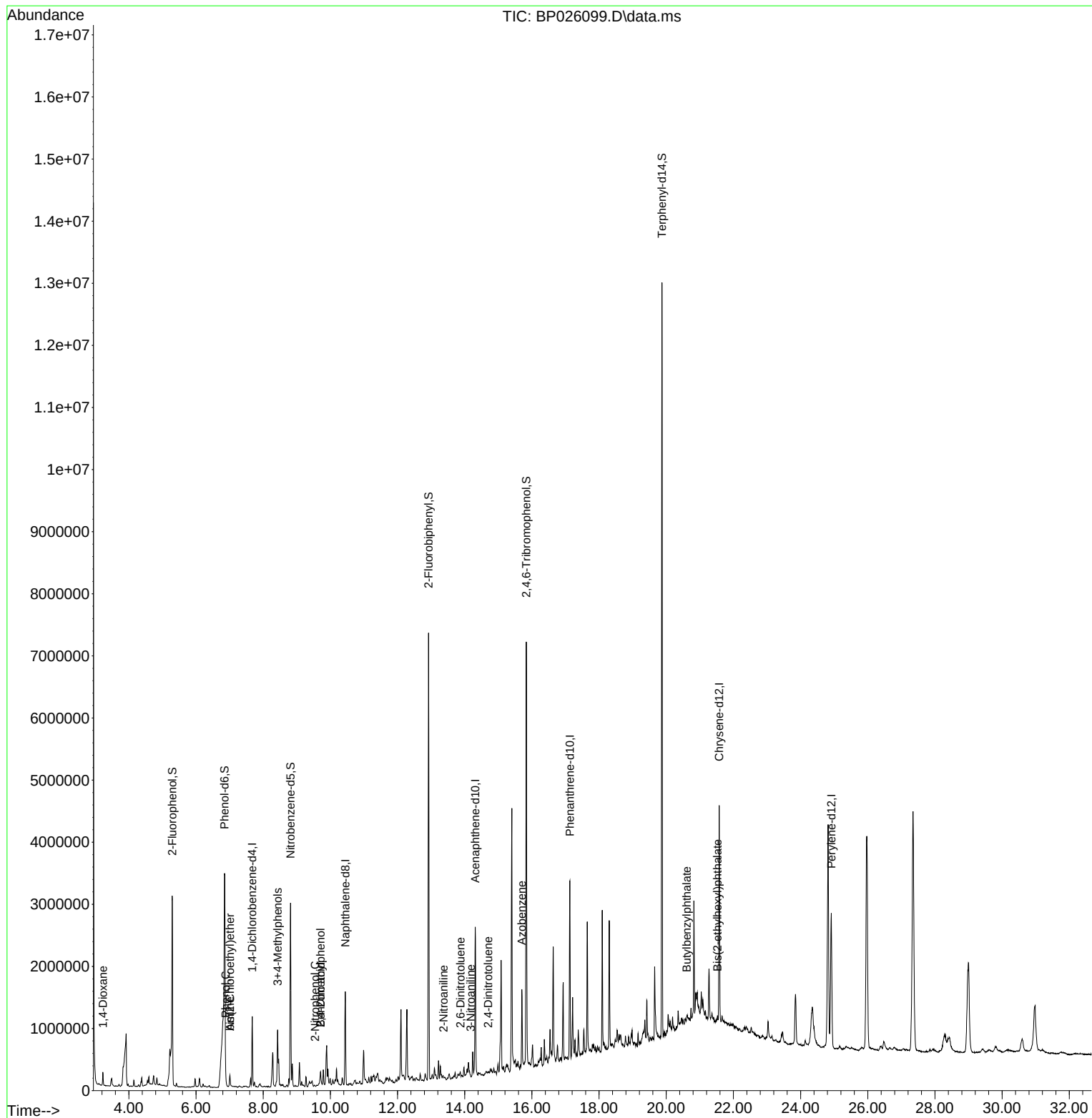
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.672  | 152  | 322520   | 20.000  | ng    | -0.02    |
| 21) Naphthalene-d8            | 10.443 | 136  | 1316165  | 20.000  | ng    | -0.01    |
| 39) Acenaphthene-d10          | 14.313 | 164  | 849238   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.131 | 188  | 1767566  | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.577 | 240  | 1962758  | 20.000  | ng    | 0.01     |
| 86) Perylene-d12              | 24.913 | 264  | 2192893  | 20.000  | ng    | 0.03     |
|                               |        |      |          |         |       |          |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.296  | 112  | 1322648  | 67.670  | ng    | 0.00     |
| 7) Phenol-d6                  | 6.849  | 99   | 1180031  | 47.433  | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 8.813  | 82   | 1643318  | 77.835  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol      | 15.831 | 330  | 1254105  | 136.596 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 12.925 | 172  | 3836858  | 64.920  | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.872 | 244  | 6174605  | 63.914  | ng    | 0.00     |
|                               |        |      |          |         |       |          |
| Target Compounds              |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.226  | 88   | 99200    | 12.039  | ng    | # 84     |
| 6) Aniline                    | 7.008  | 93   | 137723   | 4.148   | ng    | 96       |
| 10) Phenol                    | 6.878  | 94   | 142312   | 5.153   | ng    | 98       |
| 11) bis(2-Chloroethyl)ether   | 7.008  | 93   | 137723   | 6.319   | ng    | # 24     |
| 20) 3+4-Methylphenols         | 8.431  | 107  | 582427   | 23.150  | ng    | 90       |
| 26) 2-Nitrophenol             | 9.549  | 139  | 150      | 2.694   | ng    | # 1      |
| 27) 2,4-Dimethylphenol        | 9.708  | 122  | 101171   | 5.324   | ng    | # 6      |
| 32) Benzoic acid              | 9.708  | 122  | 101171   | 13.613  | ng    | 97       |
| 48) 2-Nitroaniline            | 13.366 | 65   | 4359     | 3.221   | ng    | # 66     |
| 51) 2,6-Dinitrotoluene        | 13.872 | 165  | 8043     | 3.645   | ng    | # 57     |
| 53) 3-Nitroaniline            | 14.178 | 138  | 555      | 2.675   | ng    | # 27     |
| 57) 2,4-Dinitrotoluene        | 14.695 | 165  | 1033     | 3.144   | ng    | # 80     |
| 63) Azobenzene                | 15.701 | 77   | 357016   | 6.343   | ng    | # 1      |
| 80) Butylbenzylphthalate      | 20.607 | 149  | 3819     | 3.469   | ng    | # 1      |
| 84) Bis(2-ethylhexyl)phtha... | 21.525 | 149  | 30925    | 2.967   | ng    | # 85     |
| -----                         |        |      |          |         |       |          |

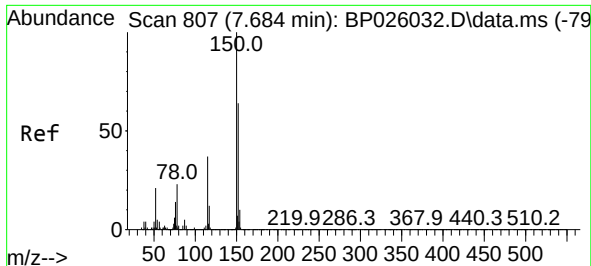
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP111125\  
Data File : BP026099.D  
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ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_P  
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SEEP-1

Quant Time: Nov 12 01:48:06 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP102925.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Oct 30 11:51:34 2025  
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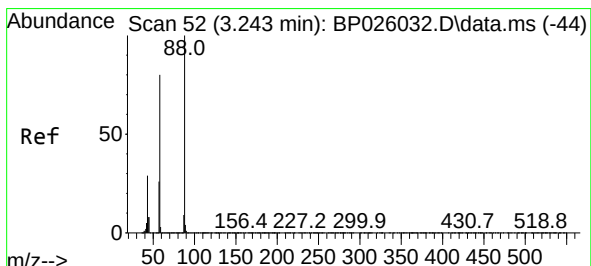
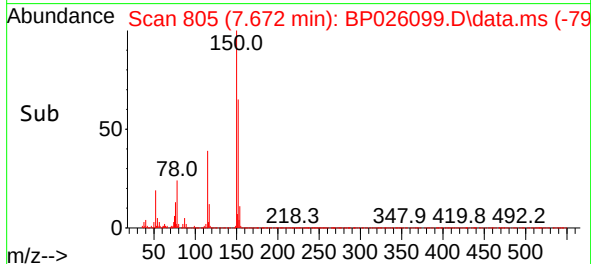
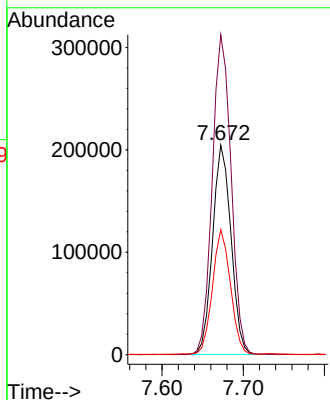
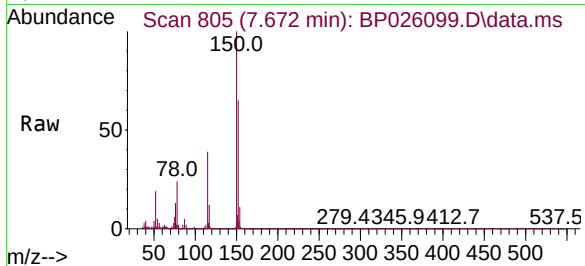




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 7.672 min Scan# 80  
 Delta R.T. -0.018 min  
 Lab File: BP026099.D  
 Acq: 11 Nov 2025 20:59

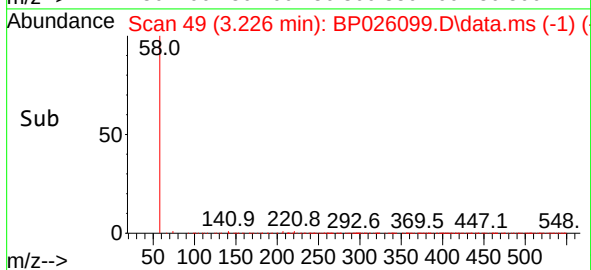
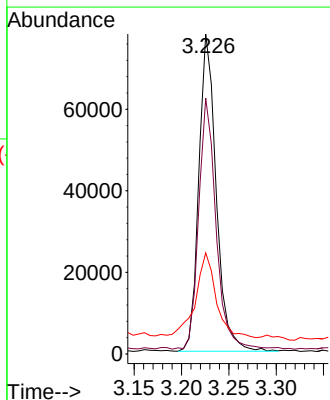
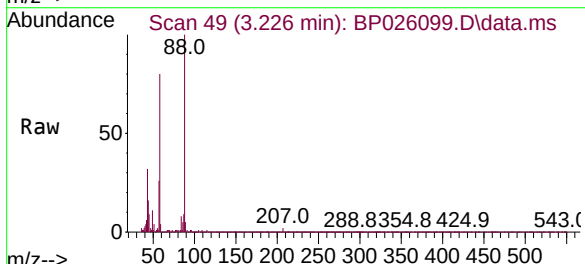
Instrument :  
 BNA\_P  
 ClientSampleId :  
 SEEP-1

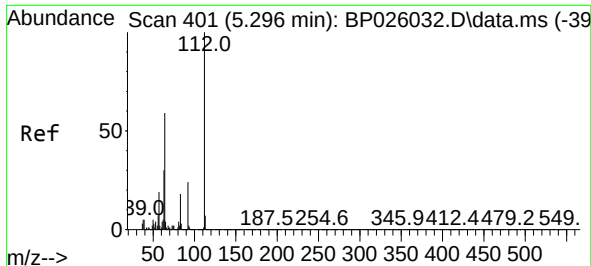
Tgt Ion:152 Resp: 322520  
 Ion Ratio Lower Upper  
 152 100  
 150 152.7 125.7 188.5  
 115 59.6 46.4 69.6



#2  
 1,4-Dioxane  
 Concen: 12.039 ng  
 RT: 3.226 min Scan# 49  
 Delta R.T. -0.011 min  
 Lab File: BP026099.D  
 Acq: 11 Nov 2025 20:59

Tgt Ion: 88 Resp: 99200  
 Ion Ratio Lower Upper  
 88 100  
 58 78.9 65.4 98.0  
 43 0.0 23.1 34.7

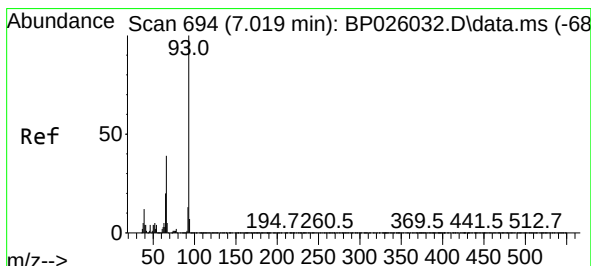
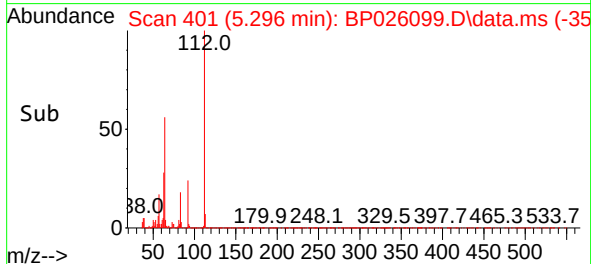
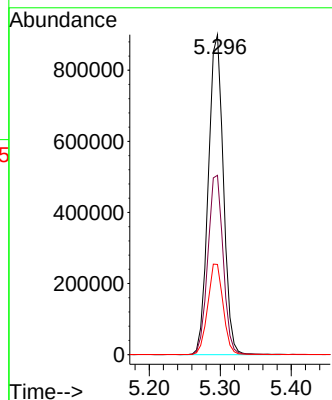
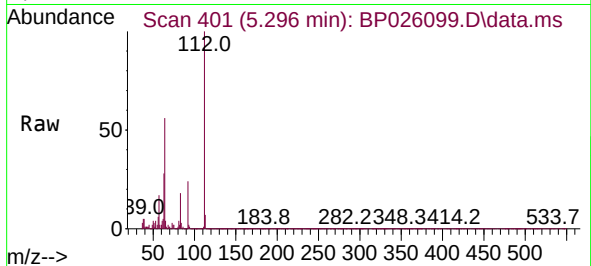




#5  
2-Fluorophenol  
Concen: 67.670 ng  
RT: 5.296 min Scan# 401  
Delta R.T. 0.000 min  
Lab File: BP026099.D  
Acq: 11 Nov 2025 20:59

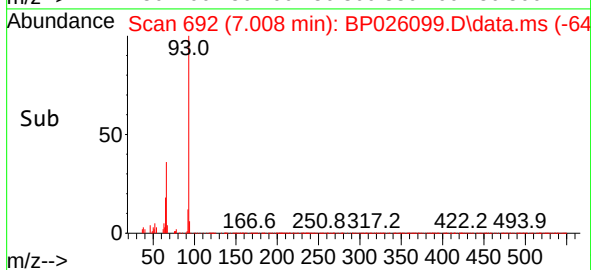
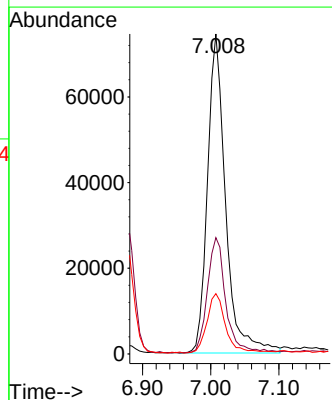
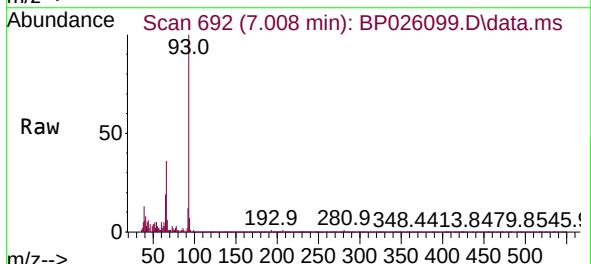
Instrument :  
BNA\_P  
ClientSampleId :  
SEEP-1

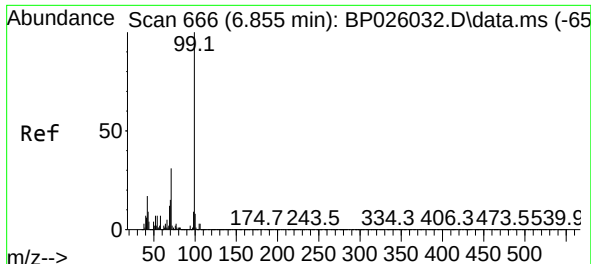
Tgt Ion:112 Resp: 1322648  
Ion Ratio Lower Upper  
112 100  
64 56.0 47.4 71.2  
63 28.2 24.2 36.4



#6  
Aniline  
Concen: 4.148 ng  
RT: 7.008 min Scan# 692  
Delta R.T. -0.011 min  
Lab File: BP026099.D  
Acq: 11 Nov 2025 20:59

Tgt Ion: 93 Resp: 137723  
Ion Ratio Lower Upper  
93 100  
66 36.3 31.2 46.8  
65 18.8 16.1 24.1

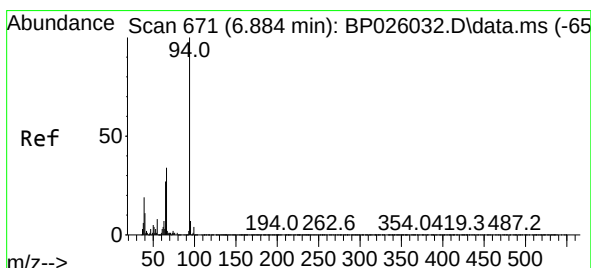
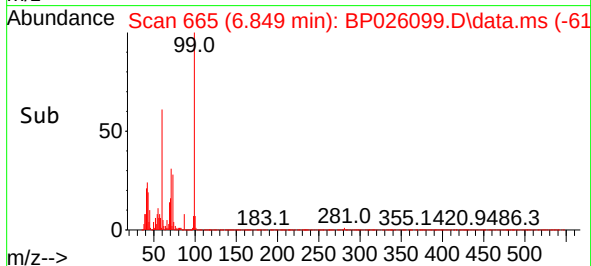
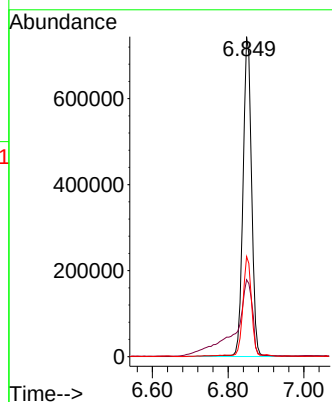
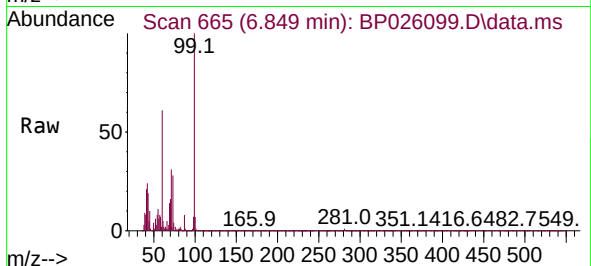




#7  
Phenol-d6  
Concen: 47.433 ng  
RT: 6.849 min Scan# 60  
Delta R.T. -0.006 min  
Lab File: BP026099.D  
Acq: 11 Nov 2025 20:59

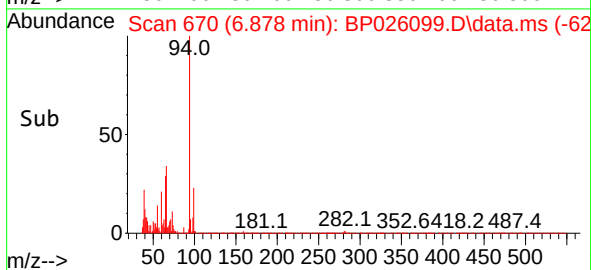
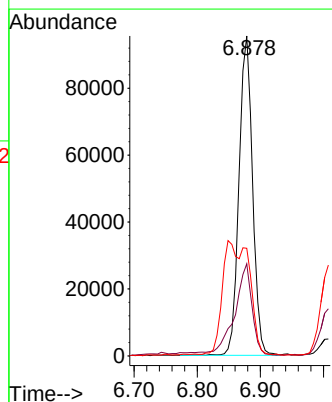
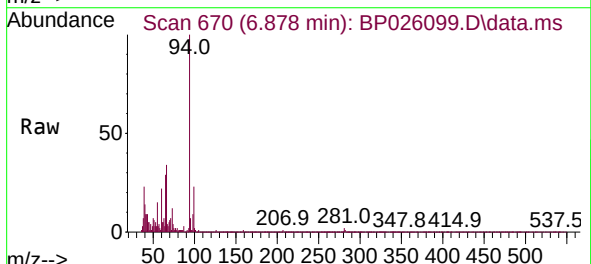
Instrument :  
BNA\_P  
ClientSampleId :  
SEEP-1

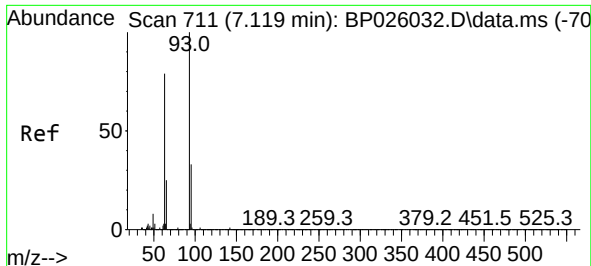
Tgt Ion: 99 Resp: 1180031  
Ion Ratio Lower Upper  
99 100  
42 24.0 13.7 20.5#  
71 31.3 24.4 36.6



#10  
Phenol  
Concen: 5.153 ng  
RT: 6.878 min Scan# 670  
Delta R.T. -0.006 min  
Lab File: BP026099.D  
Acq: 11 Nov 2025 20:59

Tgt Ion: 94 Resp: 142312  
Ion Ratio Lower Upper  
94 100  
65 28.8 7.1 47.1  
66 33.6 14.4 54.4

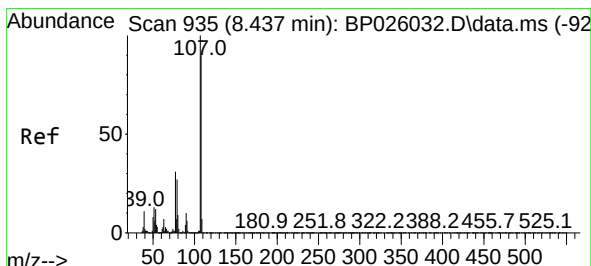
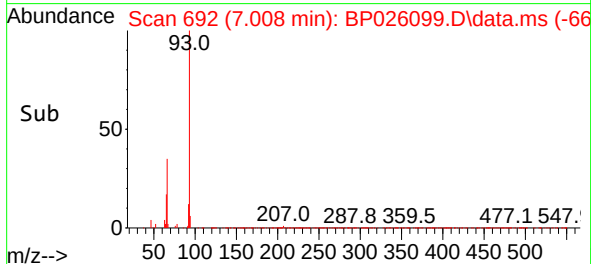
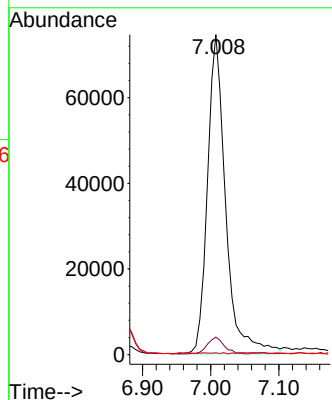
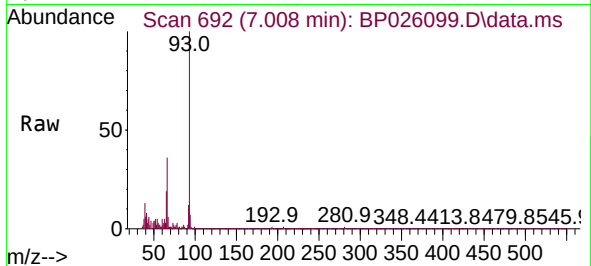




#11  
bis(2-Chloroethyl)ether  
Concen: 6.319 ng  
RT: 7.008 min Scan# 69  
Delta R.T. -0.111 min  
Lab File: BP026099.D  
Acq: 11 Nov 2025 20:59

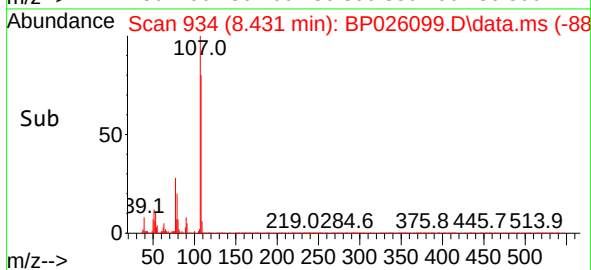
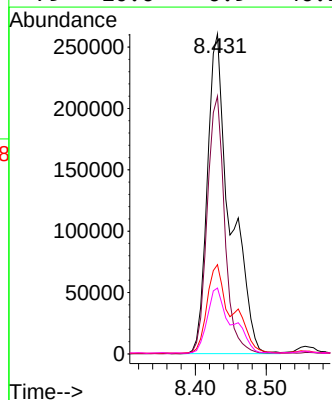
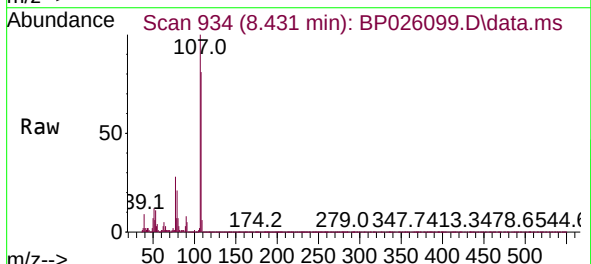
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BNA\_P  
ClientSampleId :  
SEEP-1

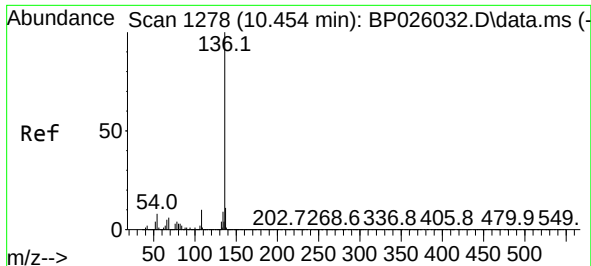
Tgt Ion: 93 Resp: 137723  
Ion Ratio Lower Upper  
93 100  
63 5.5 59.1 99.1#  
95 0.6 12.6 52.6#



#20  
3+4-Methylphenols  
Concen: 23.150 ng  
RT: 8.431 min Scan# 934  
Delta R.T. -0.011 min  
Lab File: BP026099.D  
Acq: 11 Nov 2025 20:59

Tgt Ion: 107 Resp: 582427  
Ion Ratio Lower Upper  
107 100  
108 80.5 70.1 110.1  
77 27.9 10.7 50.7  
79 20.6 6.9 46.9



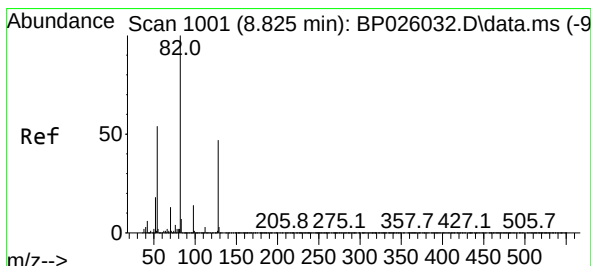
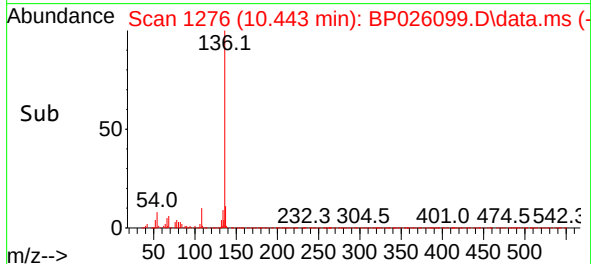
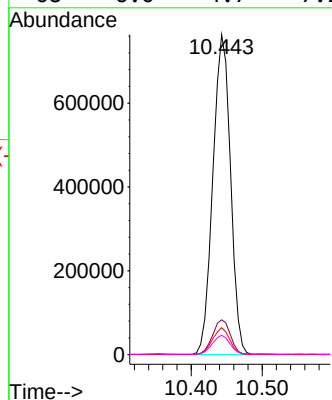
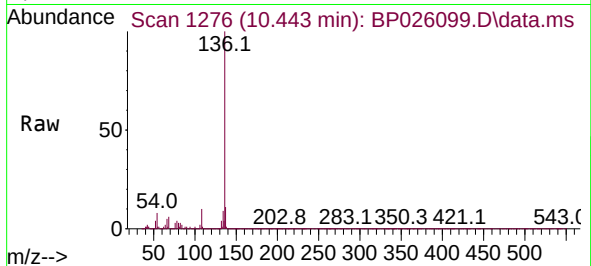


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.443 min Scan# 11  
Delta R.T. -0.011 min  
Lab File: BP026099.D  
Acq: 11 Nov 2025 20:59

Instrument :  
BNA\_P  
ClientSampleId :  
SEEP-1

Tgt Ion:136 Resp: 1316165

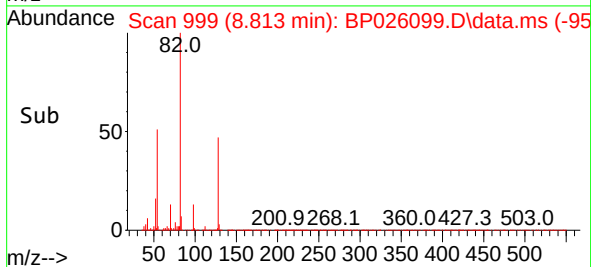
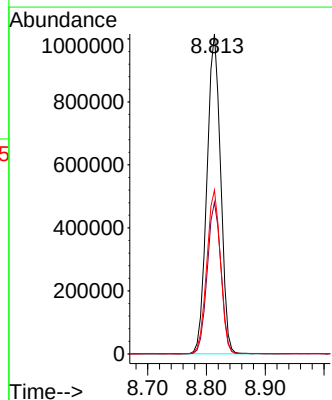
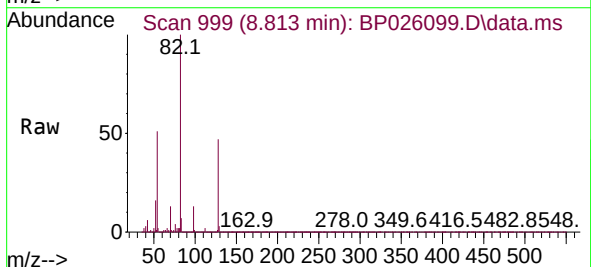
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 10.9  | 8.8   | 13.2  |
| 54  | 8.4   | 6.6   | 10.0  |
| 68  | 6.0   | 4.7   | 7.1   |

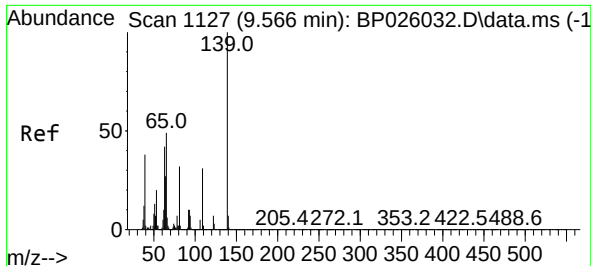


#23  
Nitrobenzene-d5  
Concen: 77.835 ng  
RT: 8.813 min Scan# 999  
Delta R.T. -0.011 min  
Lab File: BP026099.D  
Acq: 11 Nov 2025 20:59

Tgt Ion: 82 Resp: 1643318

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 47.4  | 37.4  | 56.0  |
| 54  | 51.2  | 42.7  | 64.1  |

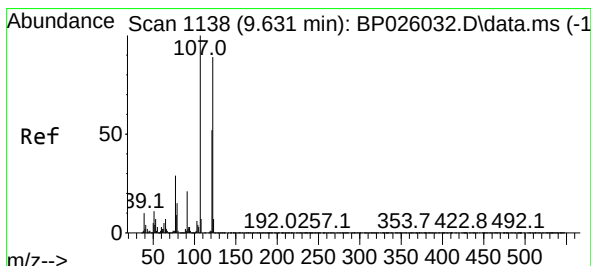
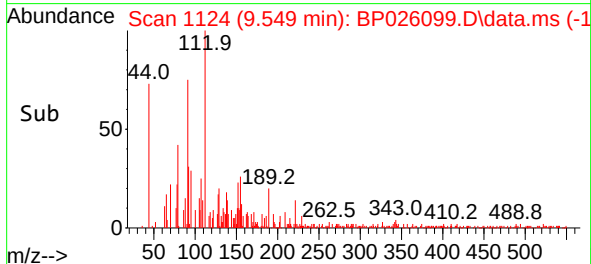
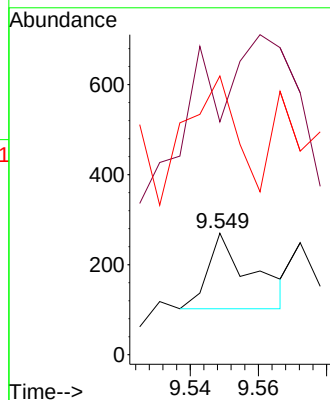
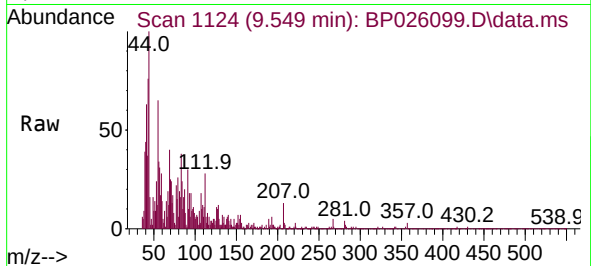




#26  
2-Nitrophenol  
Concen: 2.694 ng  
RT: 9.549 min Scan# 1127  
Delta R.T. -0.017 min  
Lab File: BP026099.D  
Acq: 11 Nov 2025 20:59

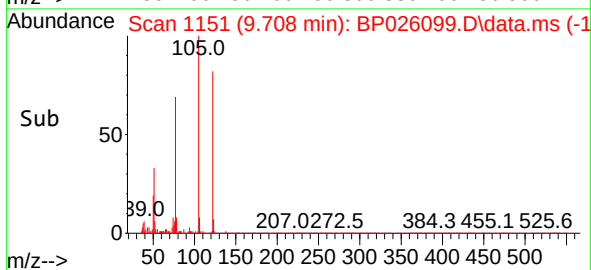
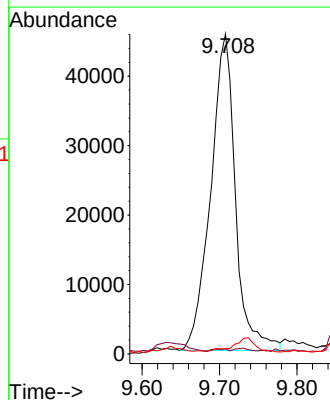
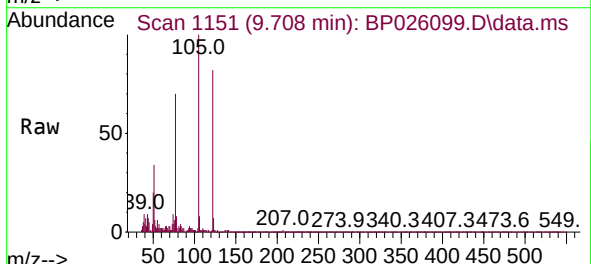
Instrument :  
BNA\_P  
ClientSampleId :  
SEEP-1

Tgt Ion:139 Resp: 150  
Ion Ratio Lower Upper  
139 100  
109 191.5 24.8 37.2#  
65 229.3 39.0 58.4#

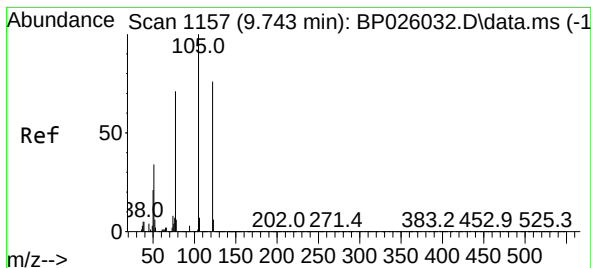


#27  
2,4-Dimethylphenol  
Concen: 5.324 ng  
RT: 9.708 min Scan# 1151  
Delta R.T. 0.077 min  
Lab File: BP026099.D  
Acq: 11 Nov 2025 20:59

Tgt Ion:122 Resp: 101171  
Ion Ratio Lower Upper  
122 100  
107 1.6 89.2 133.8#  
121 1.6 46.3 69.5#







#32

Benzoic acid

Concen: 13.613 ng

RT: 9.708 min Scan# 1157

Delta R.T. -0.070 min

Lab File: BP026099.D

Acq: 11 Nov 2025 20:59

Instrument :

BNA\_P

ClientSampleId :

SEEP-1

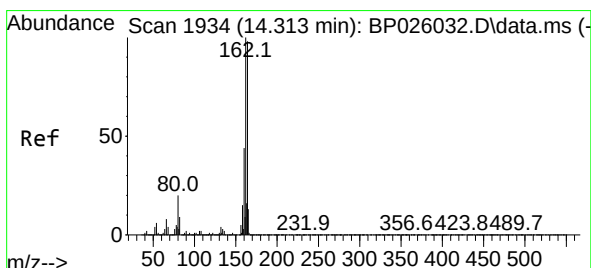
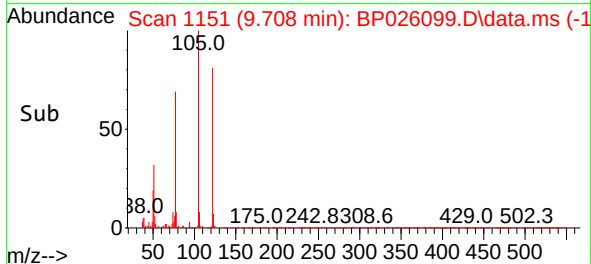
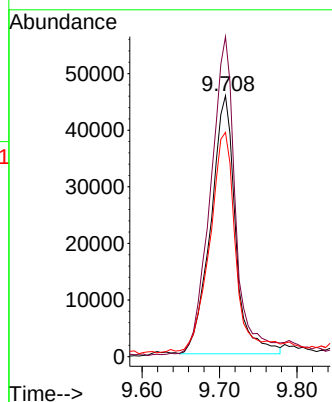
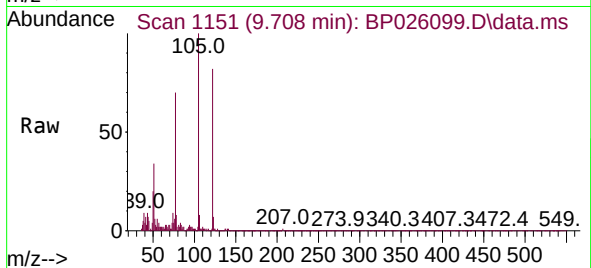
Tgt Ion:122 Resp: 101171

Ion Ratio Lower Upper

122 100

105 122.6 104.8 144.8

77 85.9 70.9 110.9



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.313 min Scan# 1934

Delta R.T. -0.006 min

Lab File: BP026099.D

Acq: 11 Nov 2025 20:59

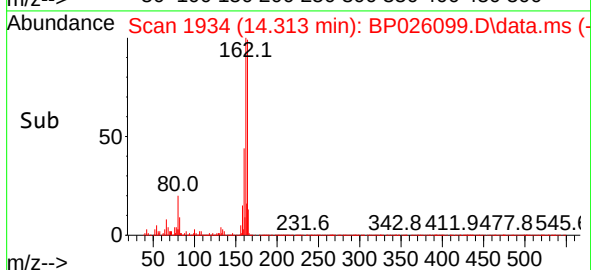
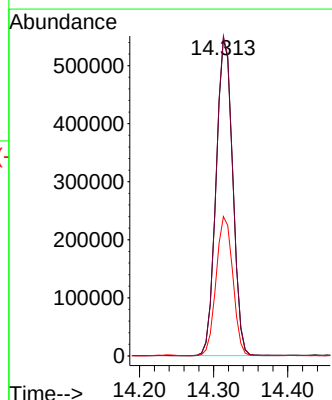
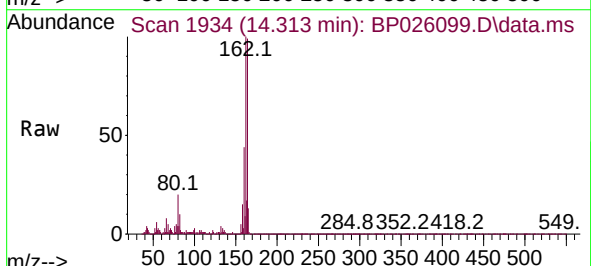
Tgt Ion:164 Resp: 849238

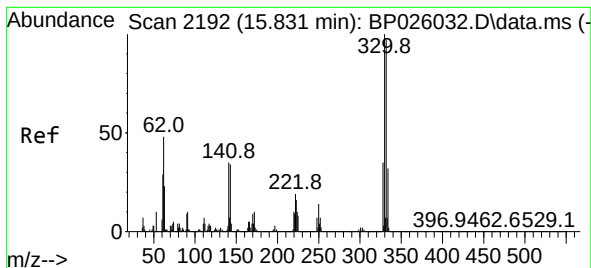
Ion Ratio Lower Upper

164 100

162 101.0 81.5 122.3

160 44.0 36.2 54.4

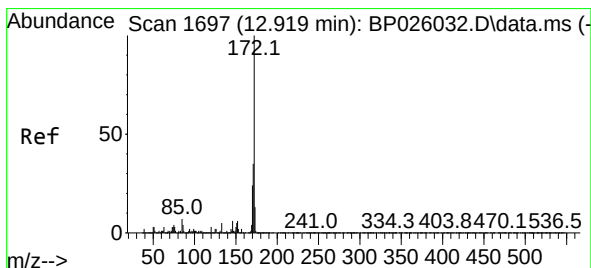
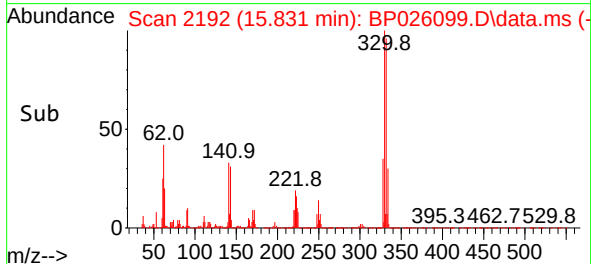
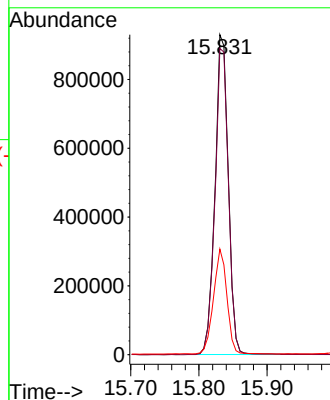
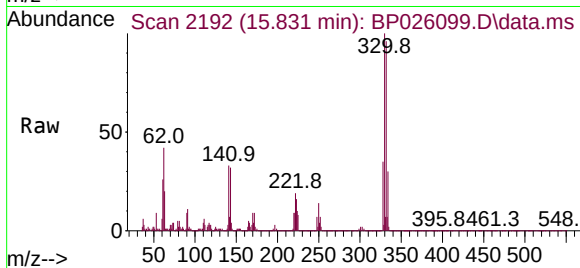




#42  
2,4,6-Tribromophenol  
Concen: 136.596 ng  
RT: 15.831 min Scan# 2192  
Delta R.T. 0.000 min  
Lab File: BP026099.D  
Acq: 11 Nov 2025 20:59

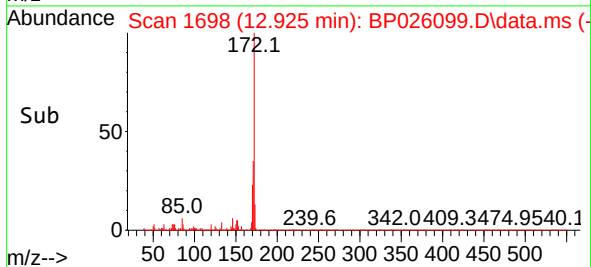
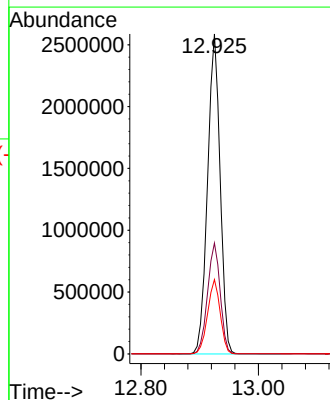
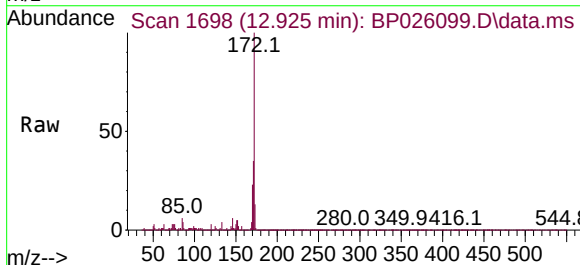
Instrument :  
BNA\_P  
ClientSampleId :  
SEEP-1

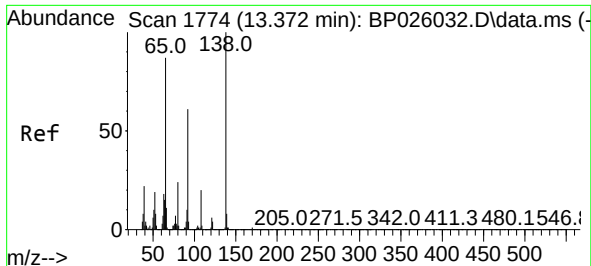
Tgt Ion:330 Resp: 1254105  
Ion Ratio Lower Upper  
330 100  
332 97.0 77.3 115.9  
141 33.1 28.6 42.8



#45  
2-Fluorobiphenyl  
Concen: 64.920 ng  
RT: 12.925 min Scan# 1698  
Delta R.T. -0.006 min  
Lab File: BP026099.D  
Acq: 11 Nov 2025 20:59

Tgt Ion:172 Resp: 3836858  
Ion Ratio Lower Upper  
172 100  
171 34.6 27.9 41.9  
170 23.2 19.0 28.4

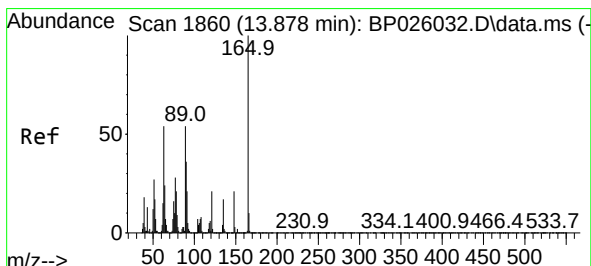
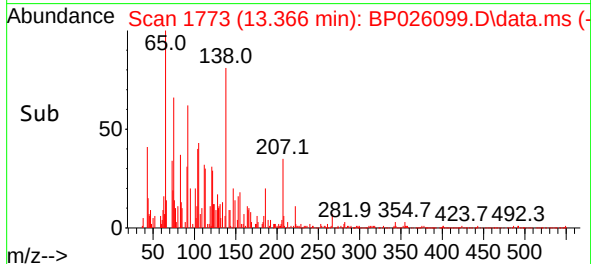
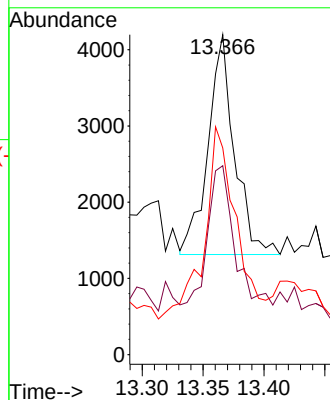
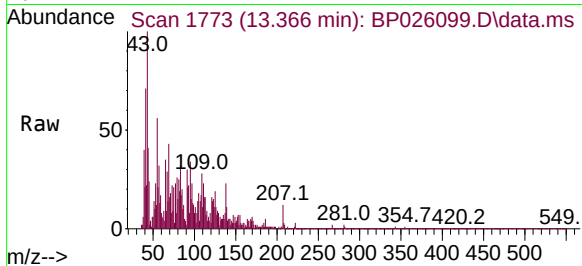




#48  
2-Nitroaniline  
Concen: 3.221 ng  
RT: 13.366 min Scan# 1773  
Delta R.T. -0.012 min  
Lab File: BP026099.D  
Acq: 11 Nov 2025 20:59

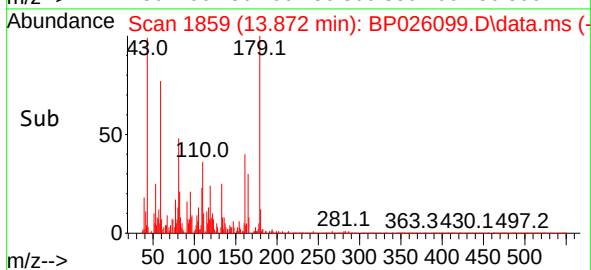
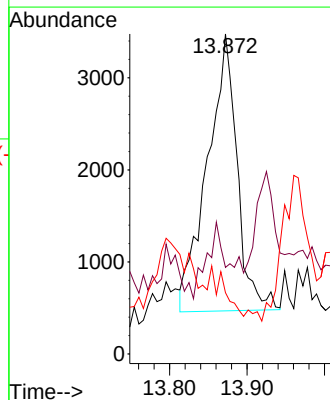
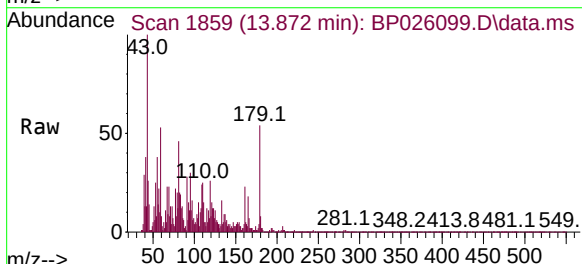
Instrument :  
BNA\_P  
ClientSampleId :  
SEEP-1

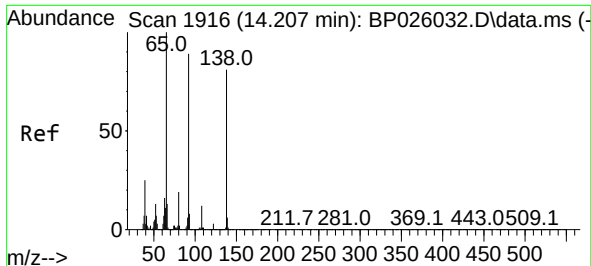
Tgt Ion: 65 Resp: 4359  
Ion Ratio Lower Upper  
65 100  
92 59.0 55.5 83.3  
138 64.6 91.7 137.5#



#51  
2,6-Dinitrotoluene  
Concen: 3.645 ng  
RT: 13.872 min Scan# 1859  
Delta R.T. -0.006 min  
Lab File: BP026099.D  
Acq: 11 Nov 2025 20:59

Tgt Ion: 165 Resp: 8043  
Ion Ratio Lower Upper  
165 100  
63 27.0 43.0 64.4#  
89 19.1 43.0 64.4#

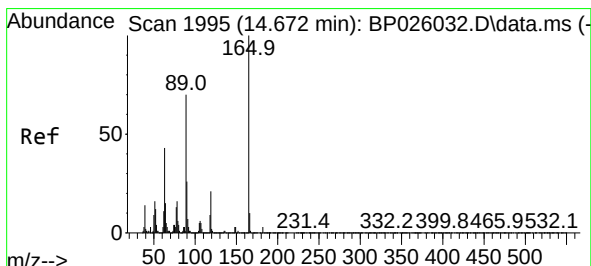
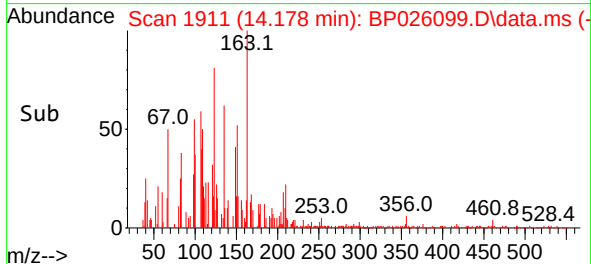
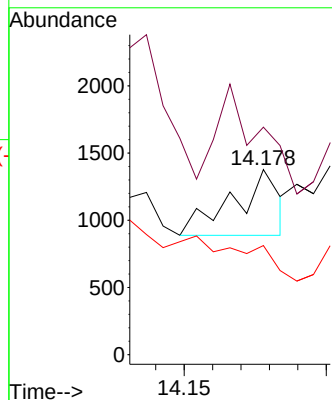
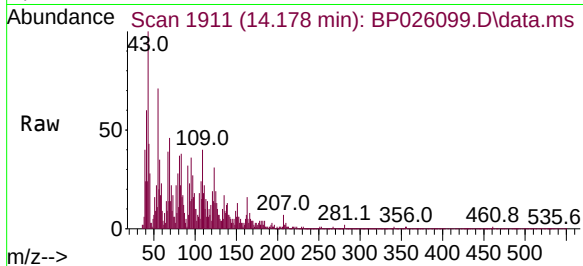




#53  
3-Nitroaniline  
Concen: 2.675 ng  
RT: 14.178 min Scan# 1916  
Delta R.T. -0.029 min  
Lab File: BP026099.D  
Acq: 11 Nov 2025 20:59

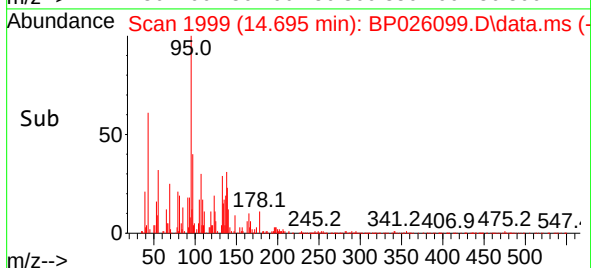
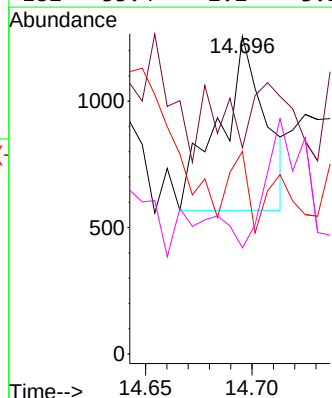
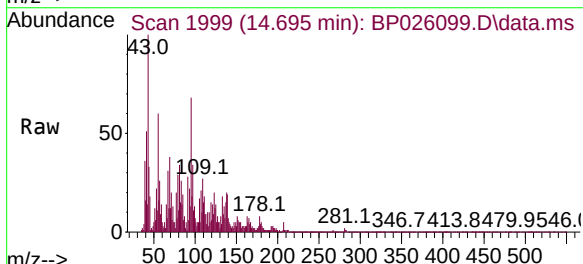
Instrument :  
BNA\_P  
ClientSampleId :  
SEEP-1

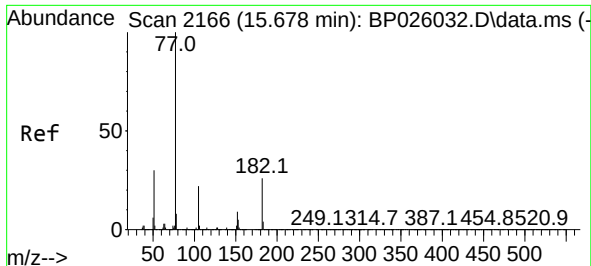
Tgt Ion:138 Resp: 555  
Ion Ratio Lower Upper  
138 100  
108 122.9 11.4 17.0#  
92 58.9 87.1 130.7#



#57  
2,4-Dinitrotoluene  
Concen: 3.144 ng  
RT: 14.695 min Scan# 1999  
Delta R.T. 0.017 min  
Lab File: BP026099.D  
Acq: 11 Nov 2025 20:59

Tgt Ion:165 Resp: 1033  
Ion Ratio Lower Upper  
165 100  
63 64.8 34.2 51.2#  
89 63.7 56.0 84.0  
182 33.4 2.2 3.2#

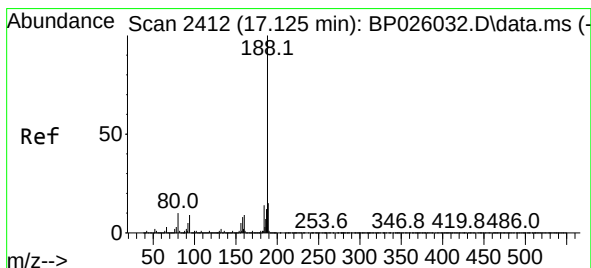
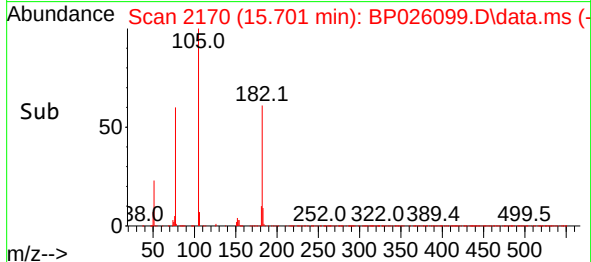
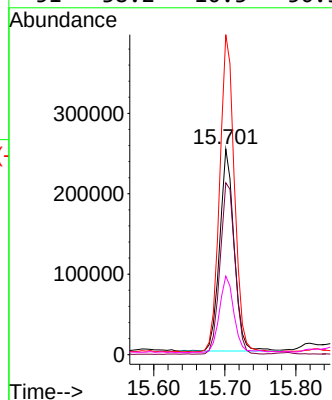
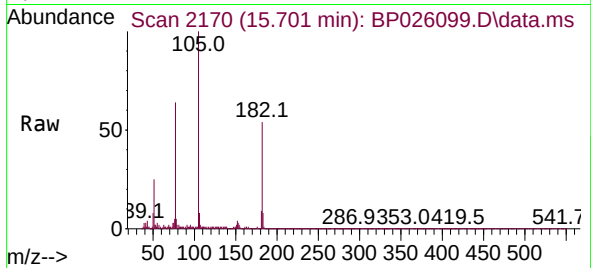




#63  
Azobenzene  
Concen: 6.343 ng  
RT: 15.701 min Scan# 2166  
Delta R.T. 0.012 min  
Lab File: BP026099.D  
Acq: 11 Nov 2025 20:59

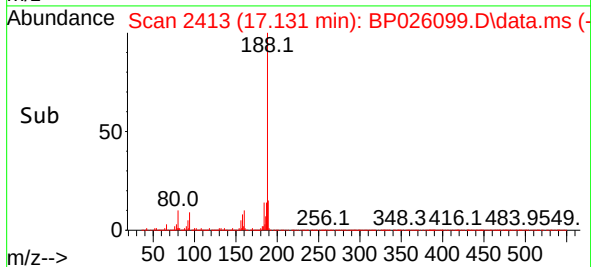
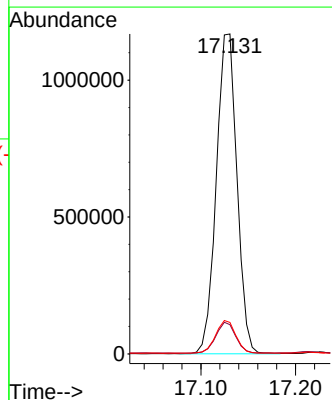
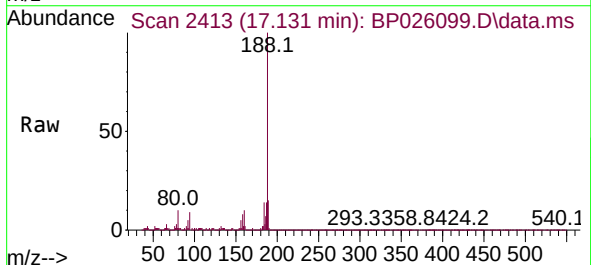
Instrument :  
BNA\_P  
ClientSampleId :  
SEEP-1

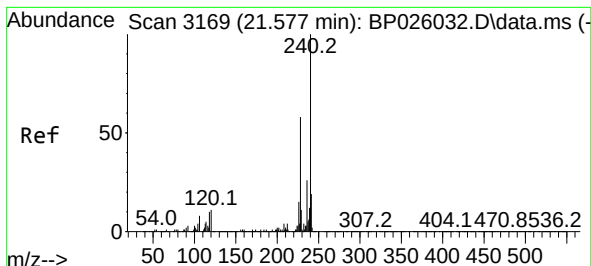
Tgt Ion: 77 Resp: 357016  
Ion Ratio Lower Upper  
77 100  
182 83.6 6.4 46.4#  
105 155.6 2.2 42.2#  
51 38.2 10.3 50.3



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.131 min Scan# 2413  
Delta R.T. 0.006 min  
Lab File: BP026099.D  
Acq: 11 Nov 2025 20:59

Tgt Ion:188 Resp: 1767566  
Ion Ratio Lower Upper  
188 100  
94 9.1 7.1 10.7  
80 9.9 7.9 11.9





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.577 min Scan# 3169

Delta R.T. 0.012 min

Lab File: BP026099.D

Acq: 11 Nov 2025 20:59

Instrument :

BNA\_P

ClientSampleId :

SEEP-1

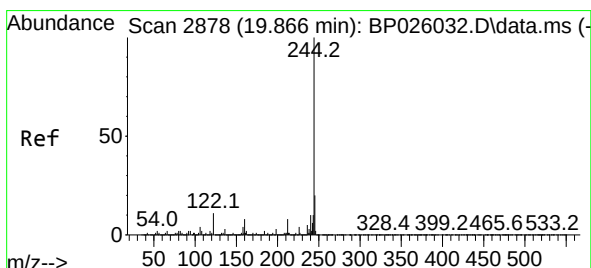
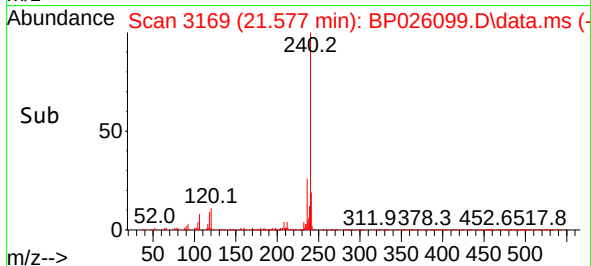
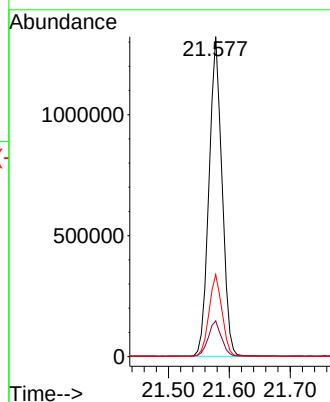
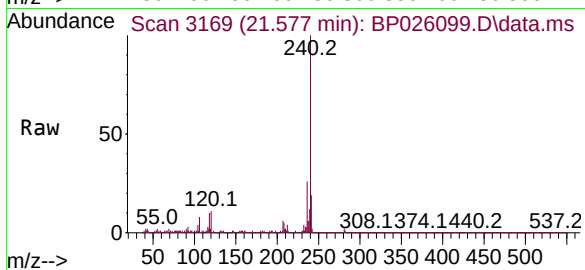
Tgt Ion:240 Resp: 1962758

Ion Ratio Lower Upper

240 100

120 11.2 8.9 13.3

236 25.6 20.6 31.0



#79

Terphenyl-d14

Concen: 63.914 ng

RT: 19.872 min Scan# 2879

Delta R.T. 0.006 min

Lab File: BP026099.D

Acq: 11 Nov 2025 20:59

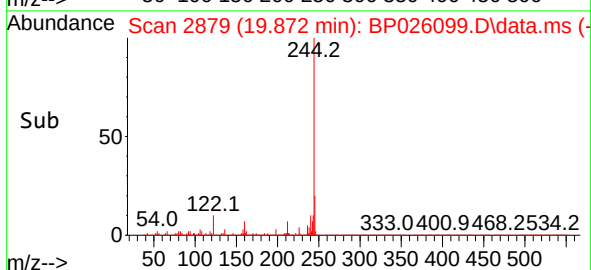
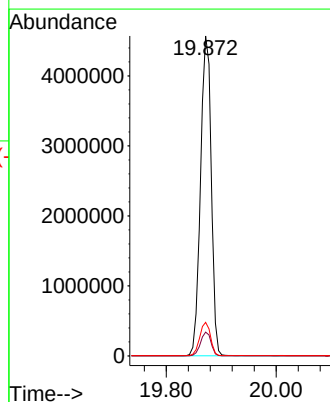
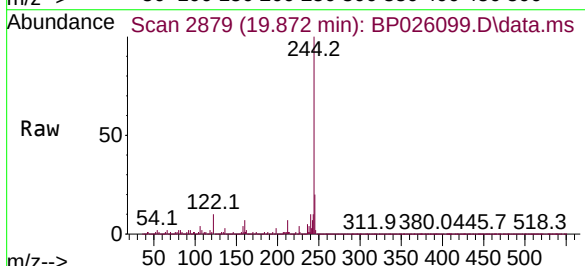
Tgt Ion:244 Resp: 6174605

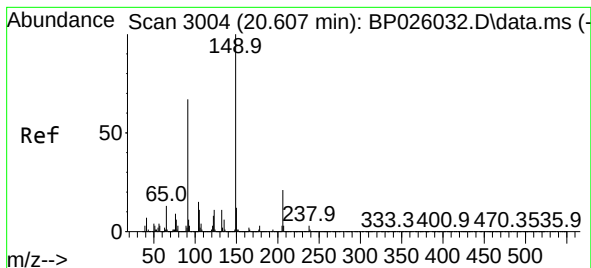
Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

122 10.5 9.0 13.6





#80

Butylbenzylphthalate

Concen: 3.469 ng

RT: 20.607 min Scan# 3004

Delta R.T. -0.000 min

Lab File: BP026099.D

Acq: 11 Nov 2025 20:59

Instrument :

BNA\_P

ClientSampleId :

SEEP-1

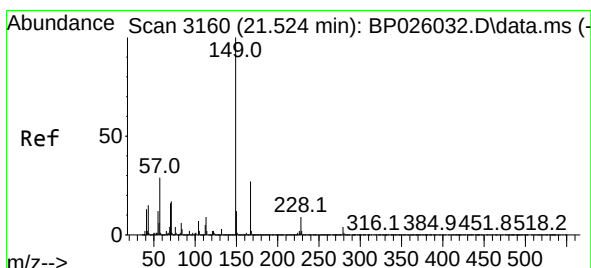
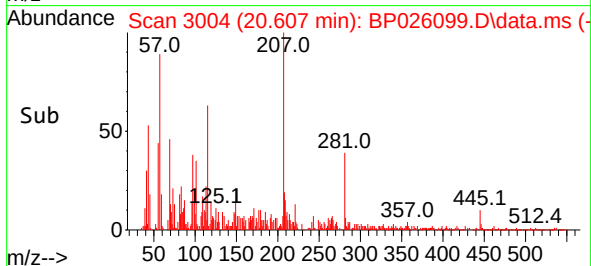
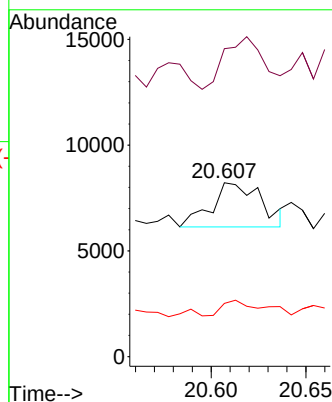
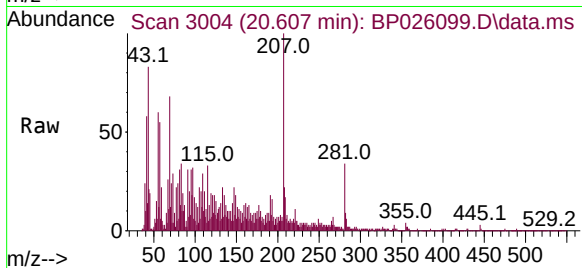
Tgt Ion:149 Resp: 3819

Ion Ratio Lower Upper

149 100

91 177.0 53.5 80.3#

206 30.6 16.6 25.0#



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.967 ng

RT: 21.525 min Scan# 3160

Delta R.T. 0.007 min

Lab File: BP026099.D

Acq: 11 Nov 2025 20:59

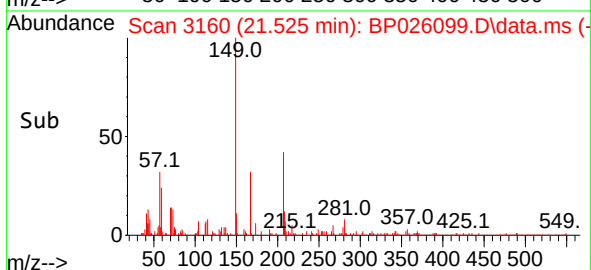
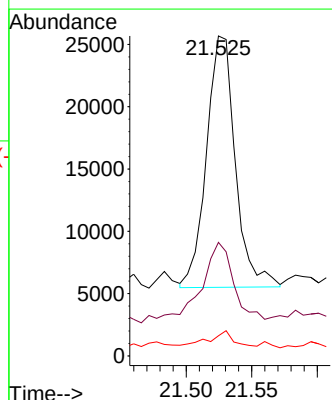
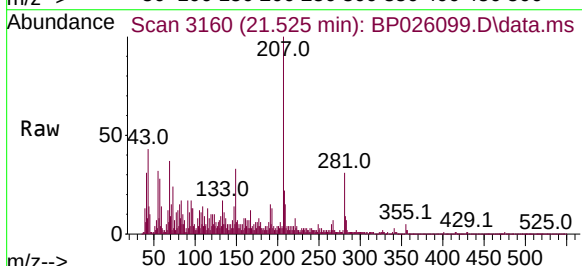
Tgt Ion:149 Resp: 30925

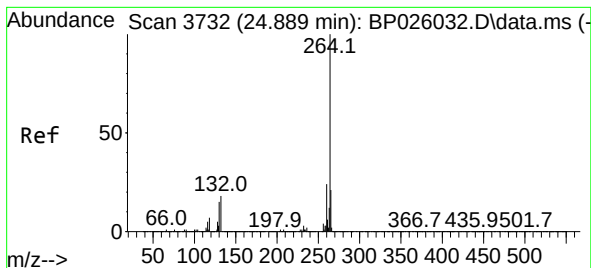
Ion Ratio Lower Upper

149 100

167 35.5 21.5 32.3#

279 6.3 3.0 4.6#





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.913 min Scan# 31

Delta R.T. 0.030 min

Lab File: BP026099.D

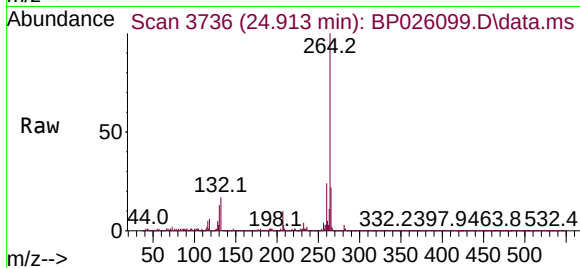
Acq: 11 Nov 2025 20:59

Instrument :

BNA\_P

ClientSampleId :

SEEP-1



Tgt Ion:264 Resp: 2192893

Ion Ratio Lower Upper

264 100

260 23.7 19.1 28.7

265 21.6 17.2 25.8

