

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF082724\  
 Data File : BF139184.D  
 Acq On : 27 Aug 2024 13:47  
 Operator : RC/JU  
 Sample : P3717-11  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-6

Quant Time: Aug 27 14:15:22 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF082724.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Aug 27 02:51:47 2024  
 Response via : Initial Calibration

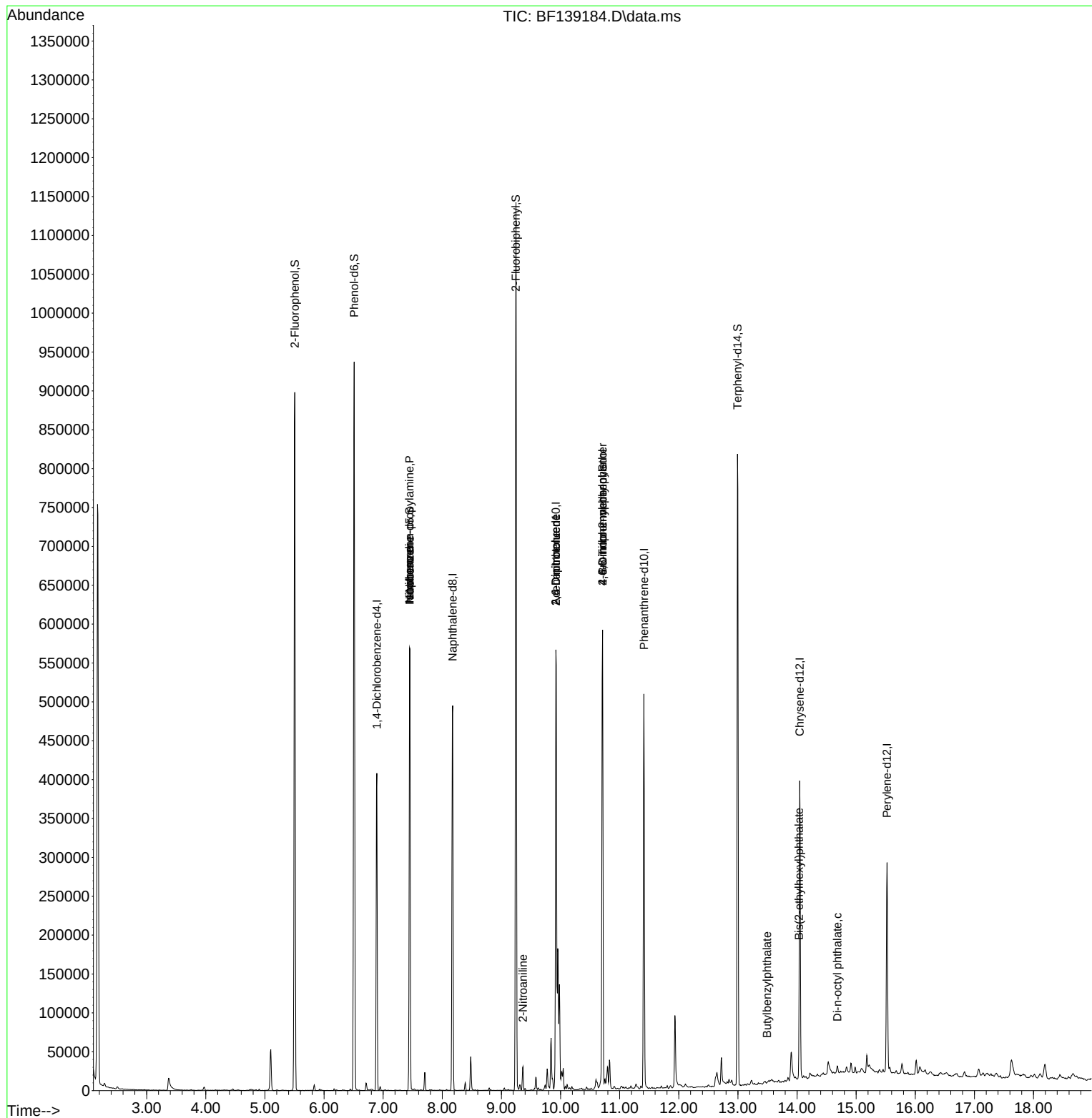
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.893  | 152  | 79600    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.175  | 136  | 291308   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.922  | 164  | 161800   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.410 | 188  | 248592   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 14.045 | 240  | 170529   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 15.521 | 264  | 151608   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.504  | 112  | 303280   | 64.022 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.510  | 99   | 399238   | 61.410 | ng    | -0.01    |
| 23) Nitrobenzene-d5           | 7.446  | 82   | 252420   | 48.005 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol      | 10.710 | 330  | 87012    | 62.791 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.245  | 172  | 457857   | 43.956 | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.992 | 244  | 386787   | 35.391 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 19) n-Nitroso-di-n-propyla... | 7.446  | 70   | 33834    | 8.701  | ng    | # 80     |
| 24) Nitrobenzene              | 7.451  | 77   | 830      | 3.382  | ng    | # 36     |
| 25) Isophorone                | 7.446  | 82   | 249107   | 23.956 | ng    | # 68     |
| 48) 2-Nitroaniline            | 9.363  | 65   | 451      | 5.923  | ng    | # 34     |
| 51) 2,6-Dinitrotoluene        | 9.922  | 165  | 20769    | 14.454 | ng    | # 15     |
| 57) 2,4-Dinitrotoluene        | 9.922  | 165  | 20769    | 13.103 | ng    | # 15     |
| 65) 4,6-Dinitro-2-methylph... | 10.710 | 198  | 214      | 7.113  | ng    | # 1      |
| 67) 4-Bromophenyl-phenylether | 10.710 | 248  | 6290     | 2.381  | ng    | # 1      |
| 80) Butylbenzylphthalate      | 13.492 | 149  | 54       | 4.492  | ng    | # 48     |
| 84) Bis(2-ethylhexyl)phtha... | 14.033 | 149  | 1556     | 3.643  | ng    | # 91     |
| 85) Di-n-octyl phthalate      | 14.680 | 149  | 1490     | 9.113  | ng    | # 1      |
| -----                         |        |      |          |        |       |          |

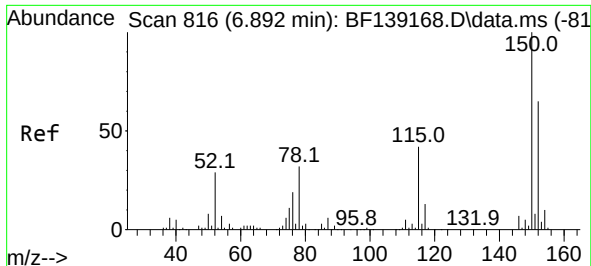
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF082724.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Aug 27 02:51:47 2024  
Response via : Initial Calibration

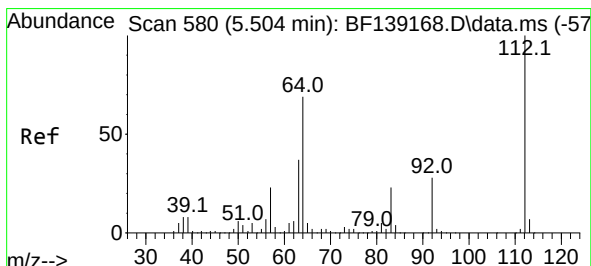
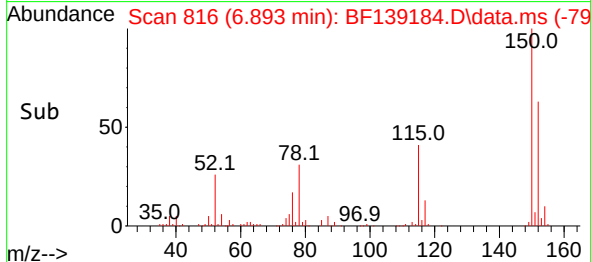
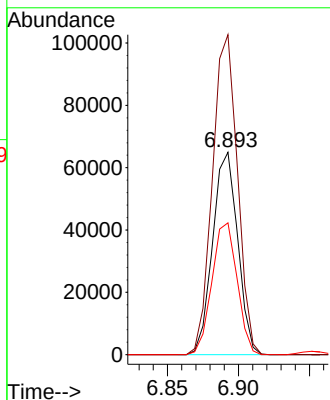
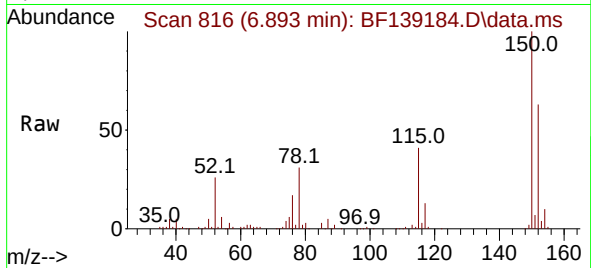




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.893 min Scan# 816  
Delta R.T. 0.001 min  
Lab File: BF139184.D  
Acq: 27 Aug 2024 13:47

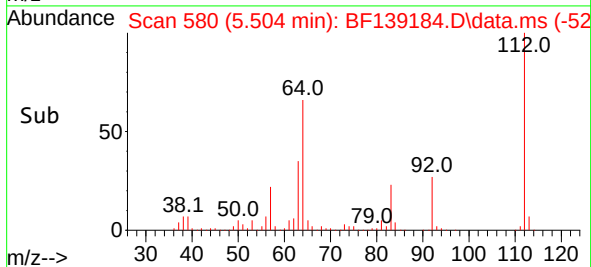
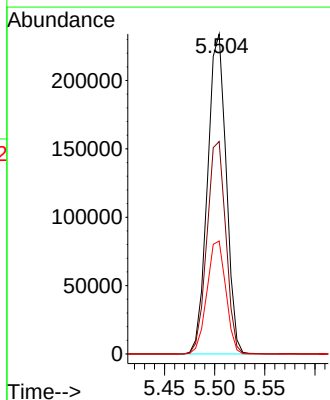
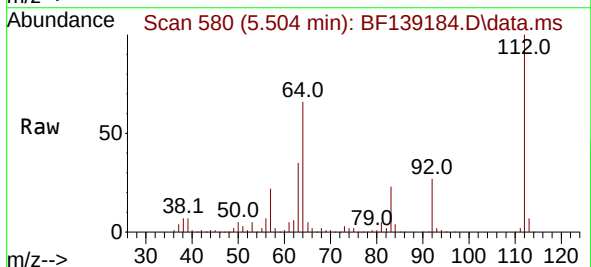
Instrument :  
BNA\_F  
ClientSampleId :  
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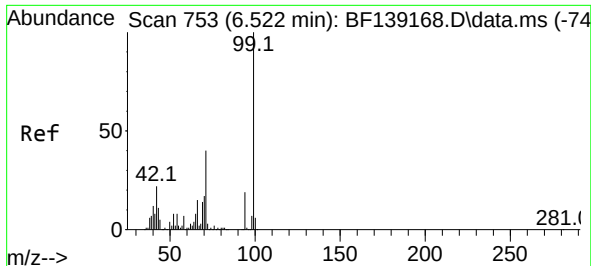
Tgt Ion:152 Resp: 79600  
Ion Ratio Lower Upper  
152 100  
150 158.1 123.7 185.5  
115 65.1 51.8 77.8



#5  
2-Fluorophenol  
Concen: 64.022 ng  
RT: 5.504 min Scan# 580  
Delta R.T. 0.000 min  
Lab File: BF139184.D  
Acq: 27 Aug 2024 13:47

Tgt Ion:112 Resp: 303280  
Ion Ratio Lower Upper  
112 100  
64 66.4 55.5 83.3  
63 35.3 29.8 44.6

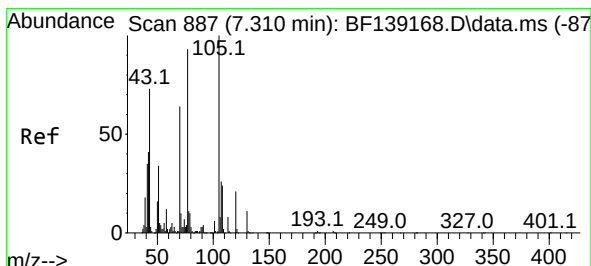
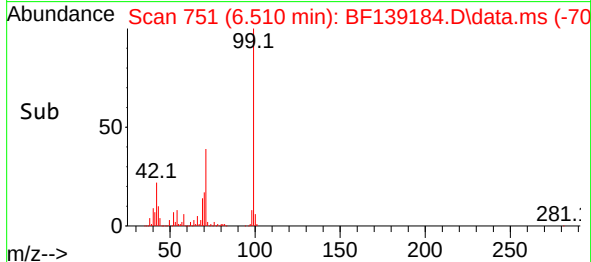
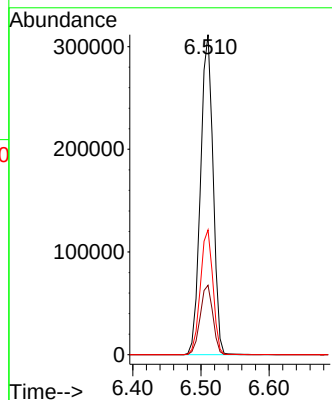
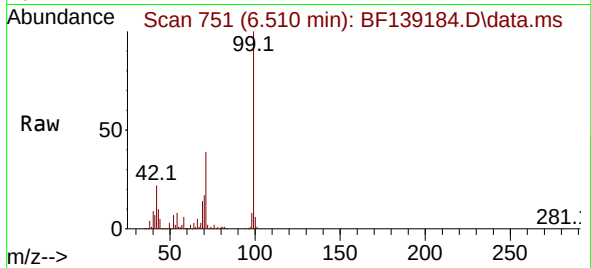




#7  
Phenol-d6  
Concen: 61.410 ng  
RT: 6.510 min Scan# 710  
Delta R.T. -0.012 min  
Lab File: BF139184.D  
Acq: 27 Aug 2024 13:47

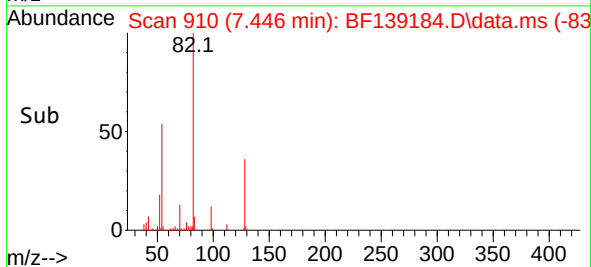
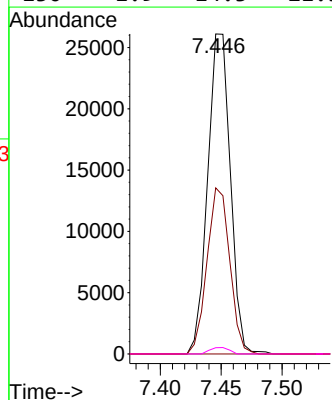
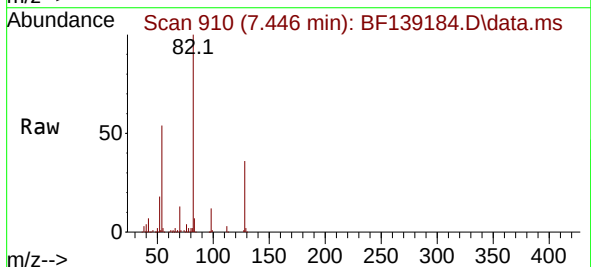
Instrument :  
BNA\_F  
ClientSampleId :  
TP-6

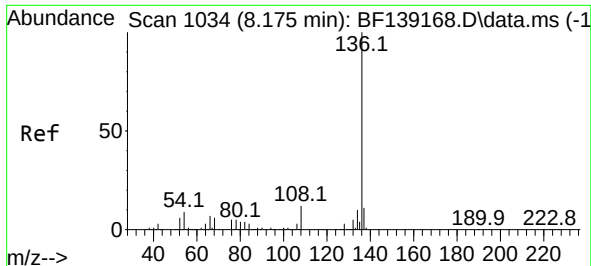
Tgt Ion: 99 Resp: 399238  
Ion Ratio Lower Upper  
99 100  
42 21.7 17.9 26.9  
71 39.0 31.7 47.5



#19  
n-Nitroso-di-n-propylamine  
Concen: 8.701 ng  
RT: 7.446 min Scan# 910  
Delta R.T. 0.136 min  
Lab File: BF139184.D  
Acq: 27 Aug 2024 13:47

Tgt Ion: 70 Resp: 33834  
Ion Ratio Lower Upper  
70 100  
42 51.9 50.8 76.2  
101 0.0 7.4 11.0#  
130 1.9 14.3 21.5#

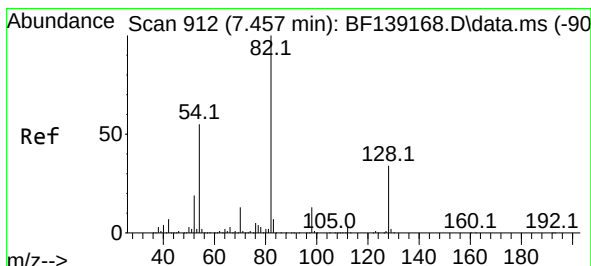
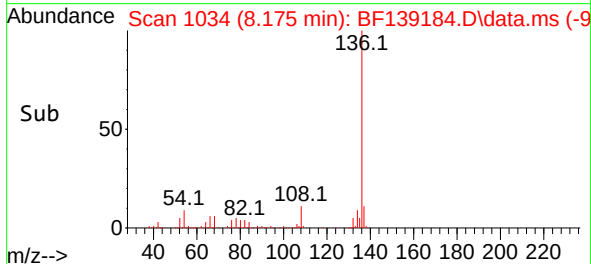
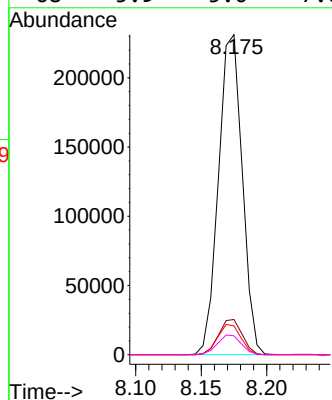
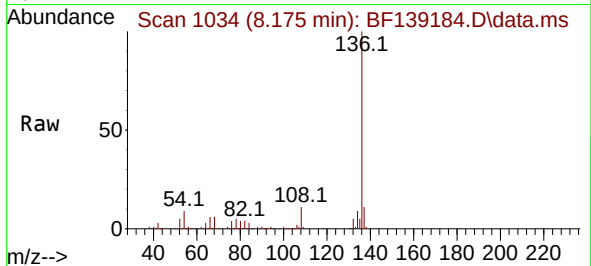




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.175 min Scan# 10  
Delta R.T. 0.000 min  
Lab File: BF139184.D  
Acq: 27 Aug 2024 13:47

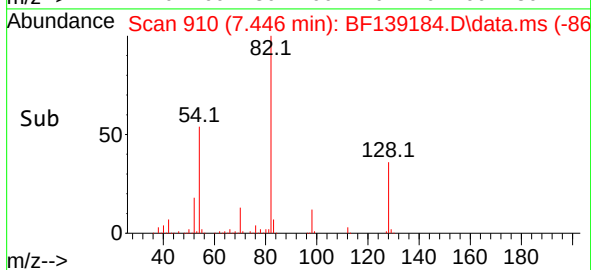
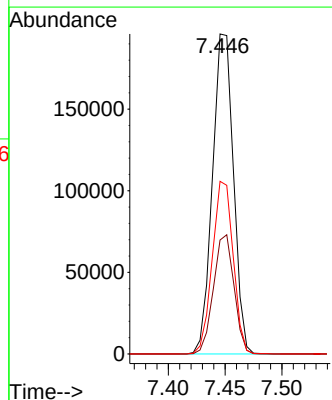
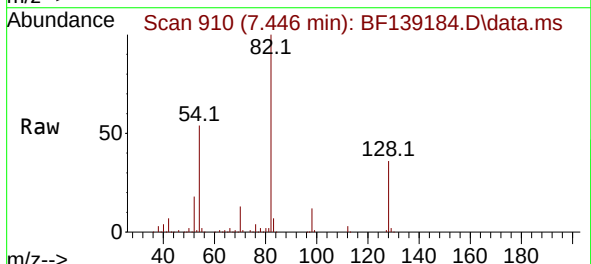
Instrument :  
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ClientSampleId :  
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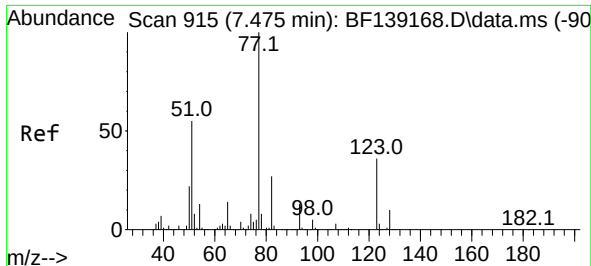
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 291308 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 11.0  | 8.6   | 12.8   |
| 54       | 9.0   | 7.6   | 11.4   |
| 68       | 5.9   | 5.0   | 7.6    |



#23  
Nitrobenzene-d5  
Concen: 48.005 ng  
RT: 7.446 min Scan# 910  
Delta R.T. -0.011 min  
Lab File: BF139184.D  
Acq: 27 Aug 2024 13:47

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 82    | Resp: | 252420 |
| Ion      | Ratio | Lower | Upper  |
| 82       | 100   |       |        |
| 128      | 35.6  | 27.1  | 40.7   |
| 54       | 54.0  | 44.2  | 66.4   |

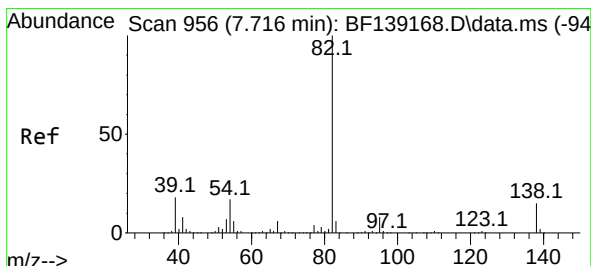
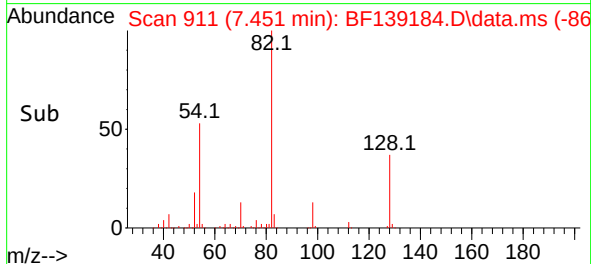
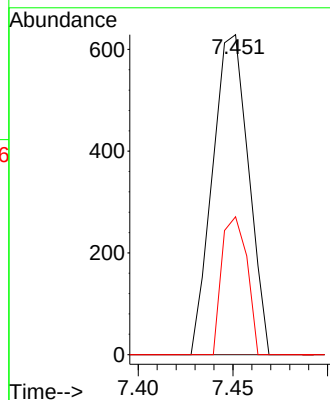
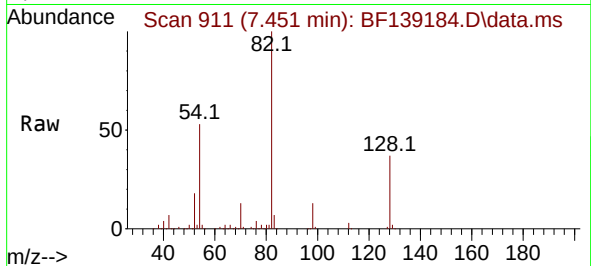




#24  
Nitrobenzene  
Concen: 3.382 ng  
RT: 7.451 min Scan# 910  
Delta R.T. -0.024 min  
Lab File: BF139184.D  
Acq: 27 Aug 2024 13:47

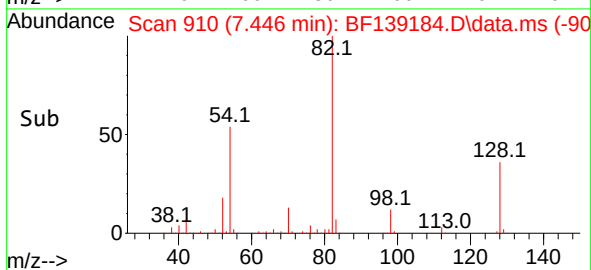
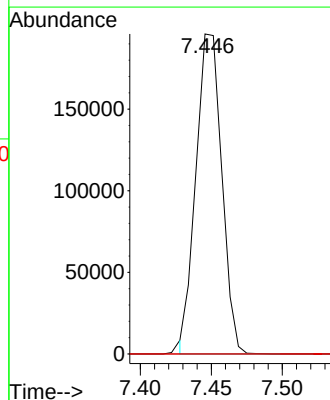
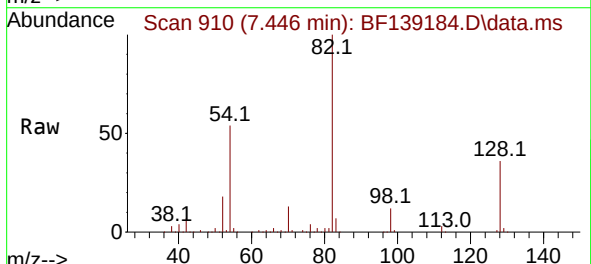
Instrument :  
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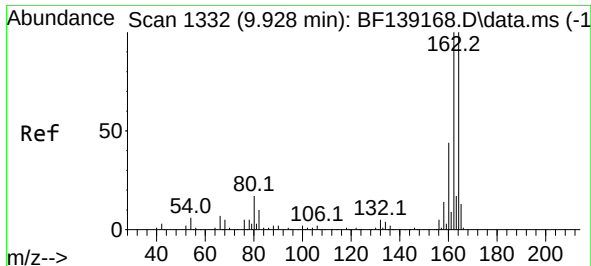
Tgt Ion: 77 Resp: 830  
Ion Ratio Lower Upper  
77 100  
123 0.0 28.7 43.1#  
65 43.1 10.9 16.3#



#25  
Isophorone  
Concen: 23.956 ng  
RT: 7.446 min Scan# 910  
Delta R.T. -0.270 min  
Lab File: BF139184.D  
Acq: 27 Aug 2024 13:47

Tgt Ion: 82 Resp: 249107  
Ion Ratio Lower Upper  
82 100  
95 0.0 6.1 9.1#  
138 0.0 12.2 18.4#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139184.D

Acq: 27 Aug 2024 13:47

Instrument :

BNA\_F

ClientSampleId :

TP-6

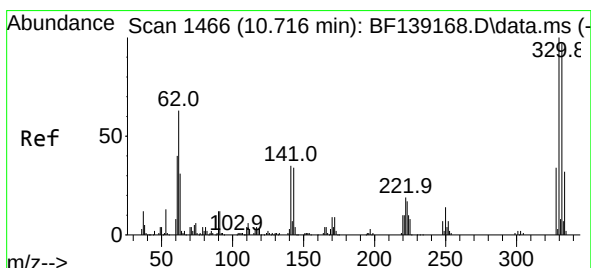
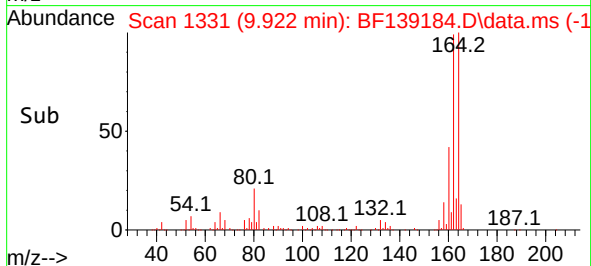
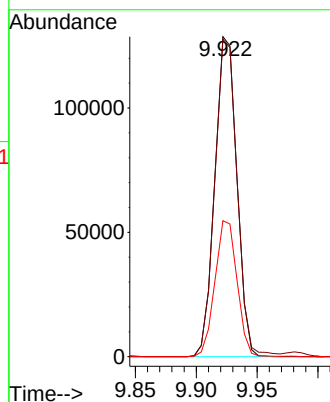
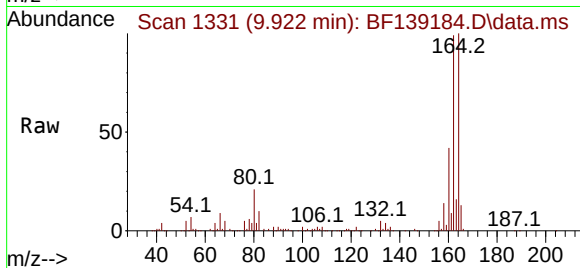
Tgt Ion:164 Resp: 161800

Ion Ratio Lower Upper

164 100

162 99.3 80.0 120.0

160 42.5 35.0 52.6



#42

2,4,6-Tribromophenol

Concen: 62.791 ng

RT: 10.710 min Scan# 1465

Delta R.T. -0.006 min

Lab File: BF139184.D

Acq: 27 Aug 2024 13:47

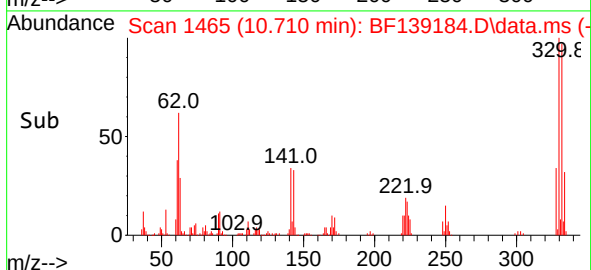
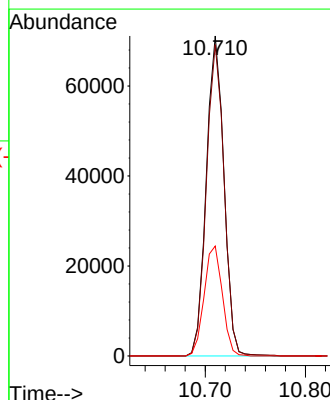
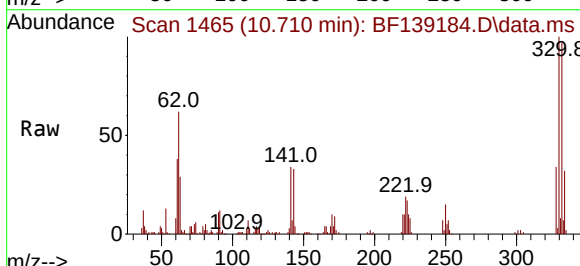
Tgt Ion:330 Resp: 87012

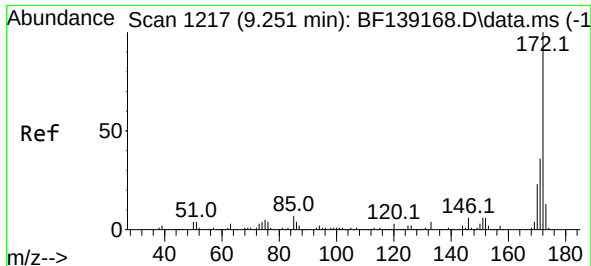
Ion Ratio Lower Upper

330 100

332 97.5 77.3 115.9

141 35.5 28.8 43.2

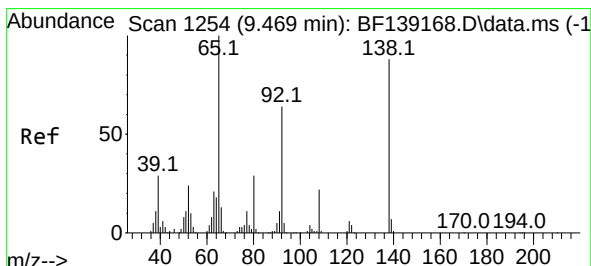
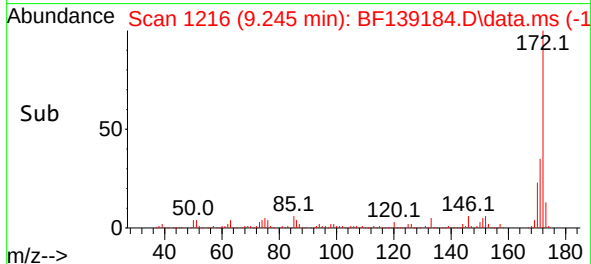
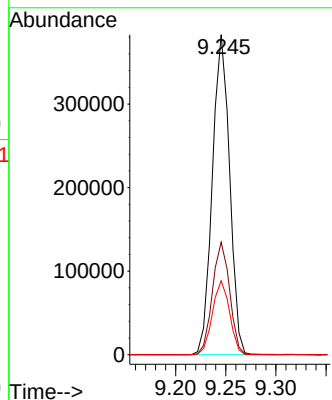
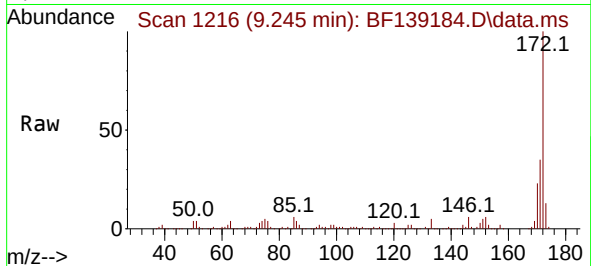




#45  
2-Fluorobiphenyl  
Concen: 43.956 ng  
RT: 9.245 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF139184.D  
Acq: 27 Aug 2024 13:47

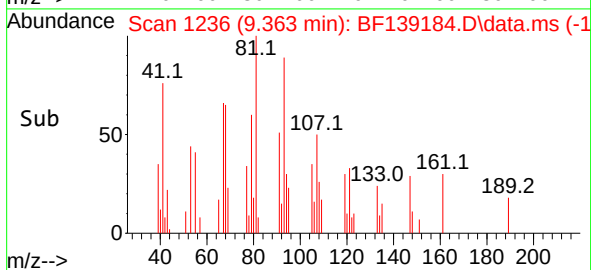
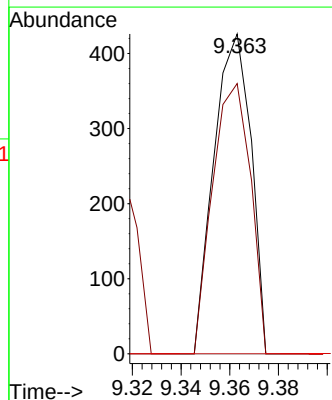
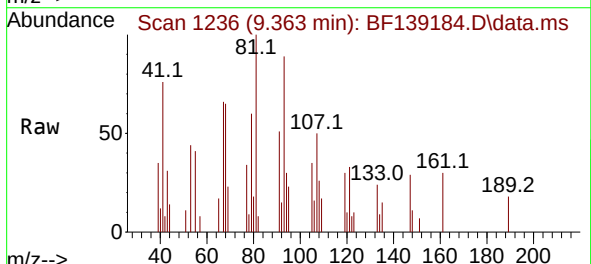
Instrument :  
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Tgt Ion:172 Resp: 457857  
Ion Ratio Lower Upper  
172 100  
171 35.1 28.6 42.8  
170 23.1 18.8 28.2

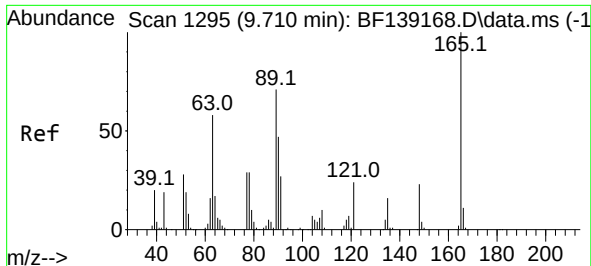


#48  
2-Nitroaniline  
Concen: 5.923 ng  
RT: 9.363 min Scan# 1236  
Delta R.T. -0.106 min  
Lab File: BF139184.D  
Acq: 27 Aug 2024 13:47

Tgt Ion: 65 Resp: 451  
Ion Ratio Lower Upper  
65 100  
92 84.5 51.2 76.8#  
138 0.0 70.0 105.0#



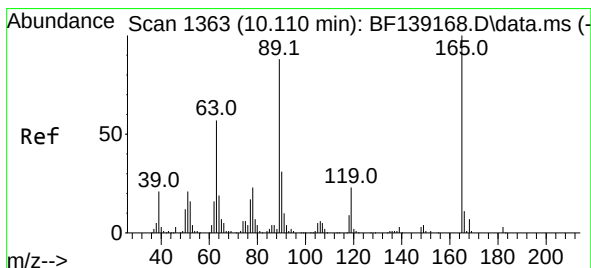
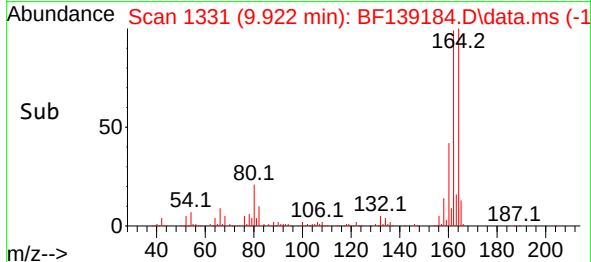
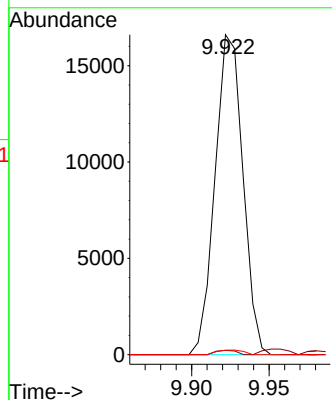
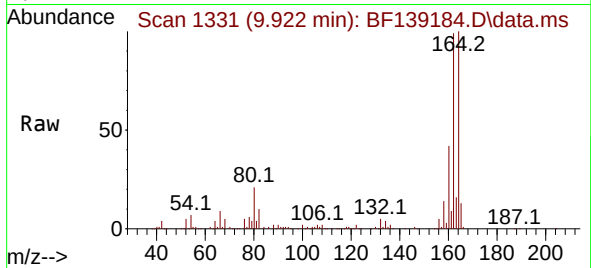




#51  
2,6-Dinitrotoluene  
Concen: 14.454 ng  
RT: 9.922 min Scan# 1331  
Delta R.T. 0.212 min  
Lab File: BF139184.D  
Acq: 27 Aug 2024 13:47

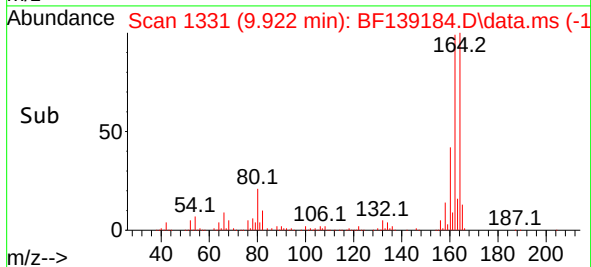
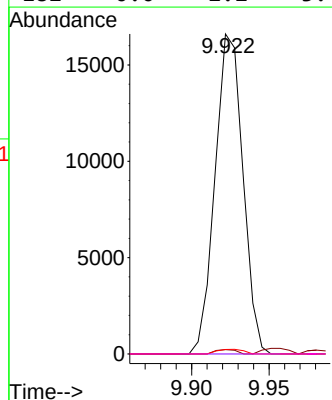
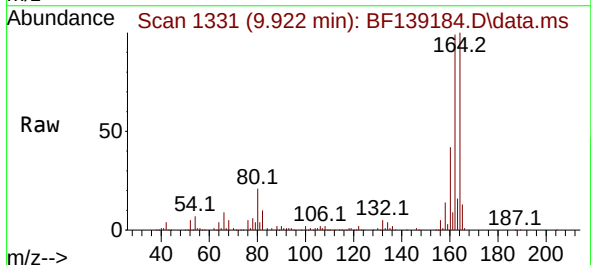
Instrument :  
BNA\_F  
ClientSampleId :  
TP-6

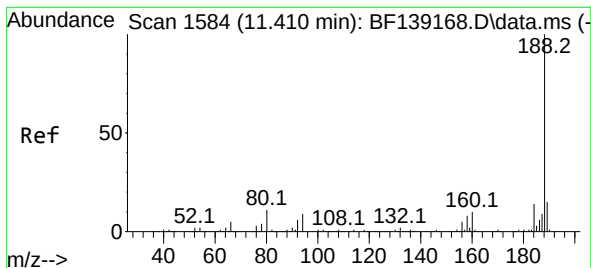
Tgt Ion:165 Resp: 20769  
Ion Ratio Lower Upper  
165 100  
63 1.4 60.1 90.1#  
89 1.4 57.0 85.6#



#57  
2,4-Dinitrotoluene  
Concen: 13.103 ng  
RT: 9.922 min Scan# 1331  
Delta R.T. -0.188 min  
Lab File: BF139184.D  
Acq: 27 Aug 2024 13:47

Tgt Ion:165 Resp: 20769  
Ion Ratio Lower Upper  
165 100  
63 1.4 46.2 69.2#  
89 1.4 70.2 105.4#  
182 0.0 2.2 3.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF139184.D

Acq: 27 Aug 2024 13:47

Instrument :

BNA\_F

ClientSampleId :

TP-6

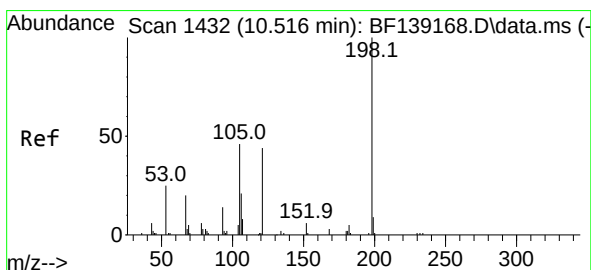
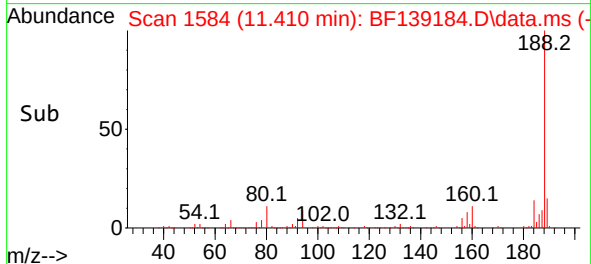
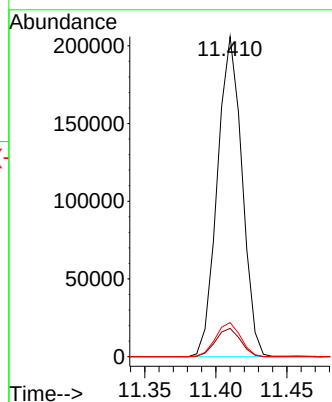
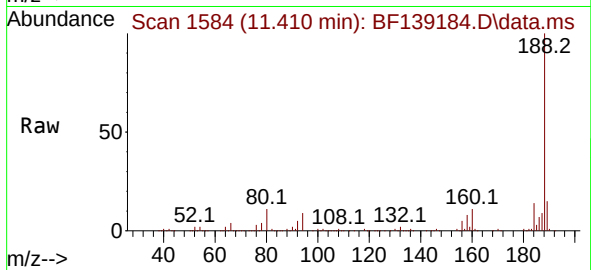
Tgt Ion:188 Resp: 248592

Ion Ratio Lower Upper

188 100

94 8.9 7.4 11.2

80 10.6 8.9 13.3



#65

4,6-Dinitro-2-methylphenol

Concen: 7.113 ng

RT: 10.710 min Scan# 1465

Delta R.T. 0.194 min

Lab File: BF139184.D

Acq: 27 Aug 2024 13:47

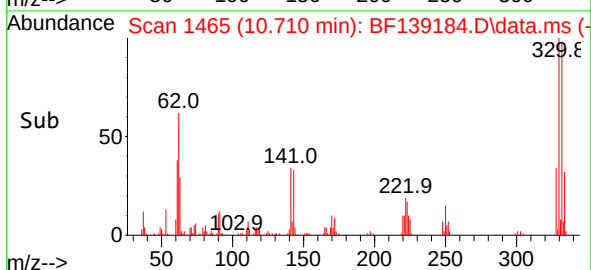
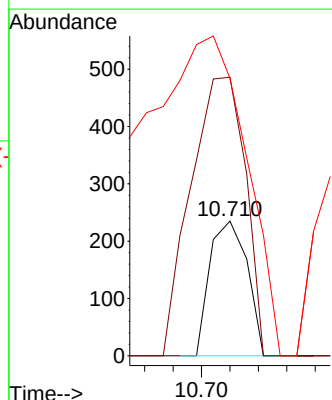
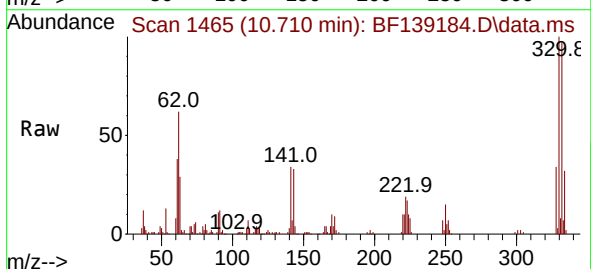
Tgt Ion:198 Resp: 214

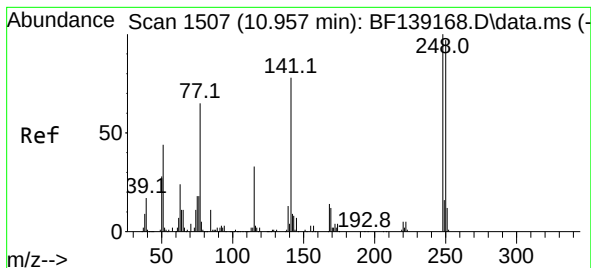
Ion Ratio Lower Upper

198 100

51 206.8 39.2 79.2#

105 206.0 29.3 69.3#

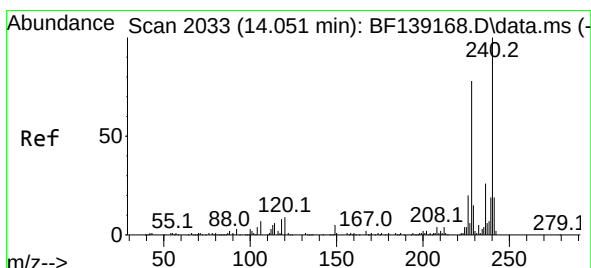
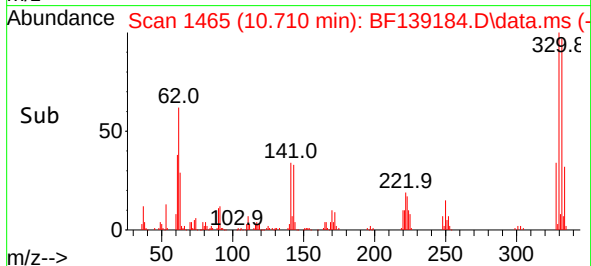
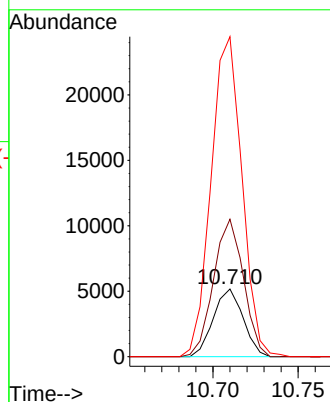
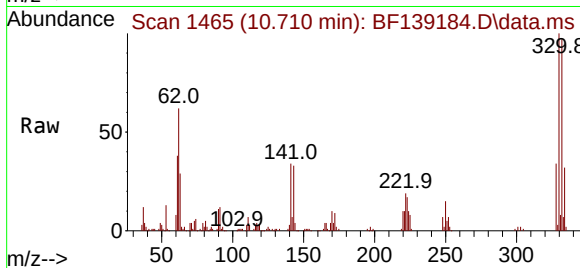




#67  
4-Bromophenyl-phenylether  
Concen: 2.381 ng  
RT: 10.710 min Scan# 1465  
Delta R.T. -0.247 min  
Lab File: BF139184.D  
Acq: 27 Aug 2024 13:47

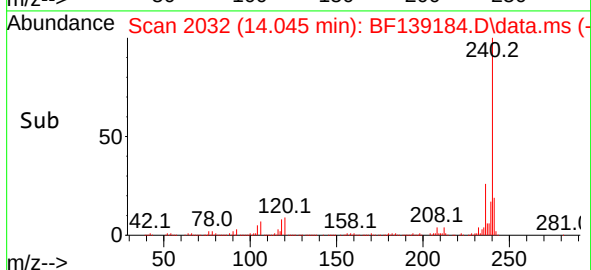
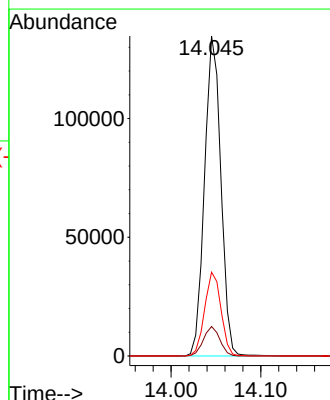
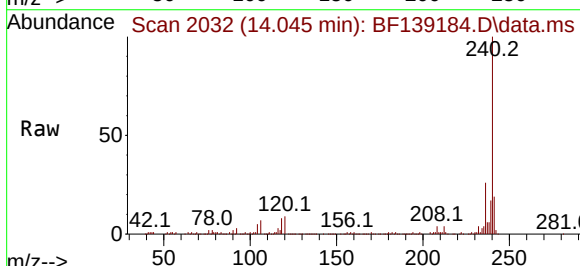
Instrument :  
BNA\_F  
ClientSampleId :  
TP-6

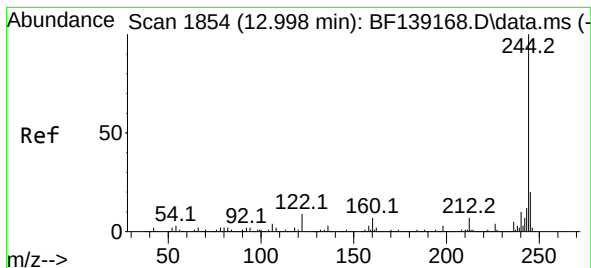
Tgt Ion:248 Resp: 6290  
Ion Ratio Lower Upper  
248 100  
250 203.3 78.0 117.0#  
141 473.2 62.6 94.0#



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.045 min Scan# 2032  
Delta R.T. -0.006 min  
Lab File: BF139184.D  
Acq: 27 Aug 2024 13:47

Tgt Ion:240 Resp: 170529  
Ion Ratio Lower Upper  
240 100  
120 9.2 6.9 10.3  
236 26.2 20.9 31.3





#79

Terphenyl-d14

Concen: 35.391 ng

RT: 12.992 min Scan# 1853

Delta R.T. -0.006 min

Lab File: BF139184.D

Acq: 27 Aug 2024 13:47

Instrument :

BNA\_F

ClientSampleId :

TP-6

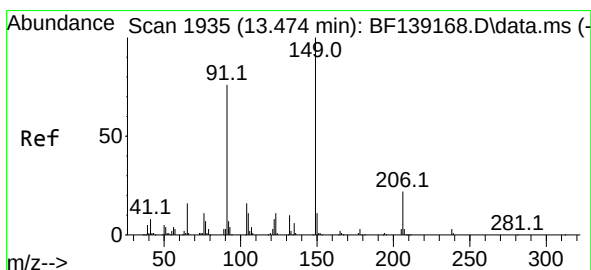
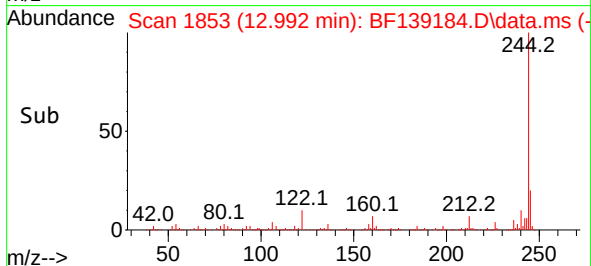
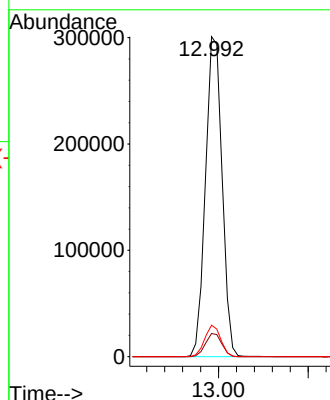
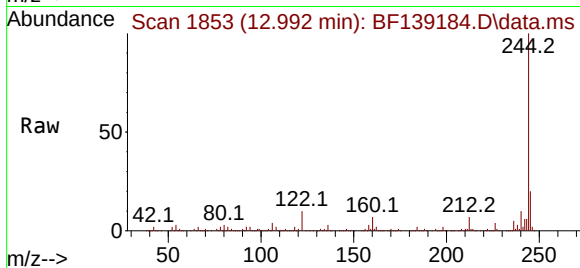
Tgt Ion:244 Resp: 386787

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.6

122 9.8 7.6 11.4



#80

Butylbenzylphthalate

Concen: 4.492 ng

RT: 13.492 min Scan# 1938

Delta R.T. 0.018 min

Lab File: BF139184.D

Acq: 27 Aug 2024 13:47

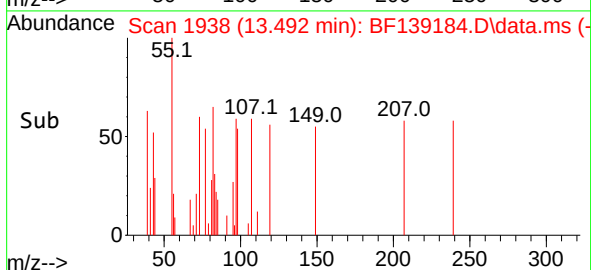
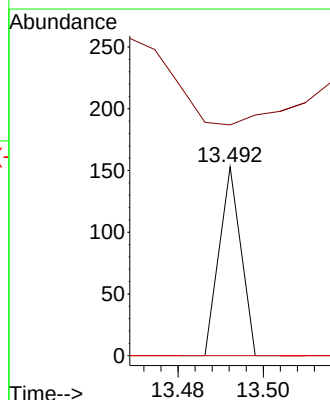
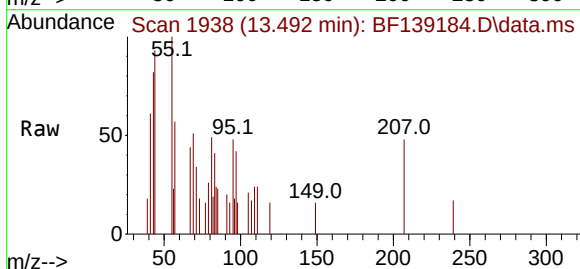
Tgt Ion:149 Resp: 54

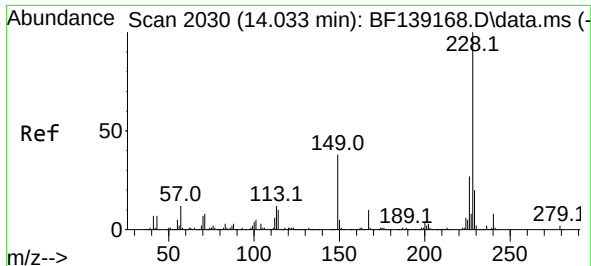
Ion Ratio Lower Upper

149 100

91 122.2 60.9 91.3#

206 0.0 17.7 26.5#

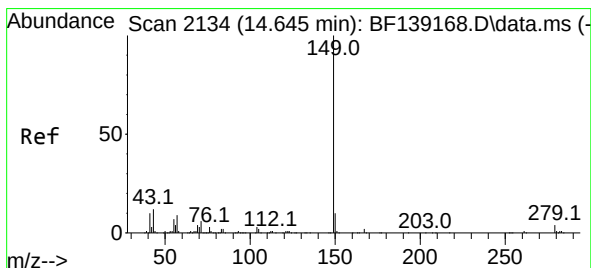
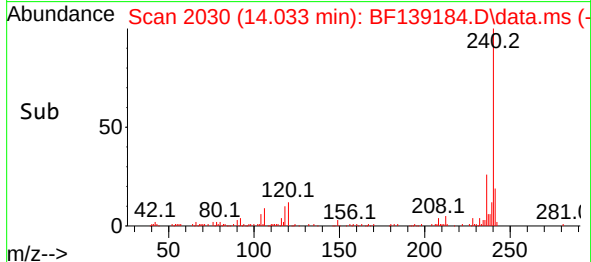
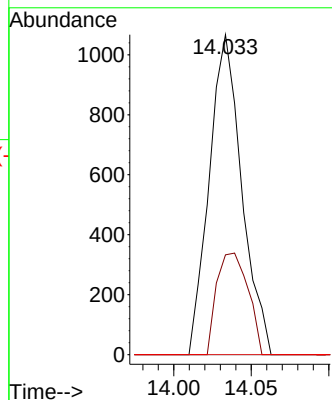
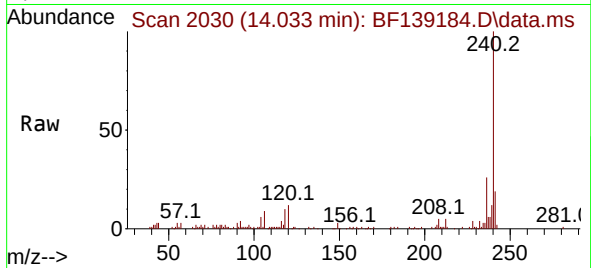




#84  
Bis(2-ethylhexyl)phthalate  
Concen: 3.643 ng  
RT: 14.033 min Scan# 2030  
Delta R.T. 0.000 min  
Lab File: BF139184.D  
Acq: 27 Aug 2024 13:47

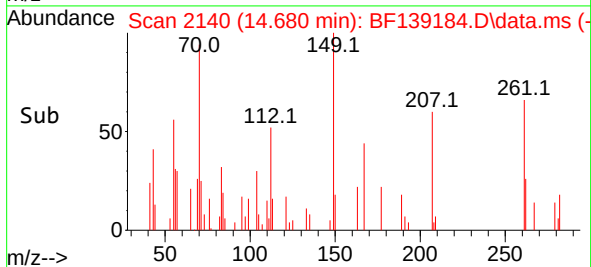
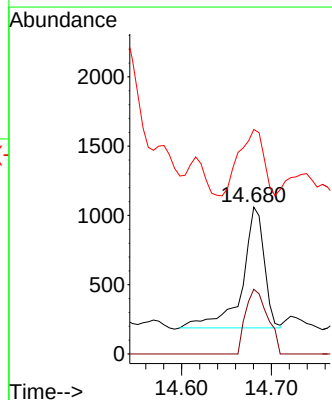
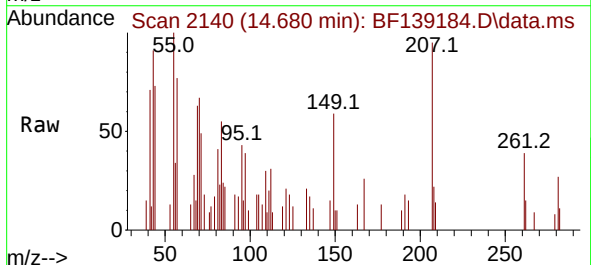
Instrument :  
BNA\_F  
ClientSampleId :  
TP-6

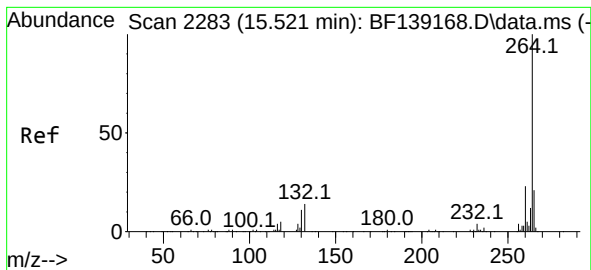
Tgt Ion:149 Resp: 1556  
Ion Ratio Lower Upper  
149 100  
167 31.2 21.3 31.9  
279 0.0 3.4 5.0#



#85  
Di-n-octyl phthalate  
Concen: 9.113 ng  
RT: 14.680 min Scan# 2140  
Delta R.T. 0.035 min  
Lab File: BF139184.D  
Acq: 27 Aug 2024 13:47

Tgt Ion:149 Resp: 1490  
Ion Ratio Lower Upper  
149 100  
167 53.4 1.3 1.9#  
43 61.1 9.9 14.9#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.521 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF139184.D

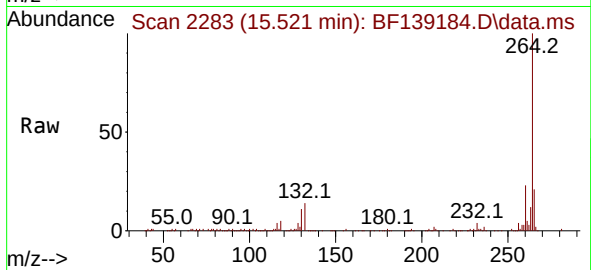
Acq: 27 Aug 2024 13:47

Instrument :

BNA\_F

ClientSampleId :

TP-6



Tgt Ion:264 Resp: 151608

Ion Ratio Lower Upper

264 100

260 23.2 18.3 27.5

265 20.9 17.0 25.6

