

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102324\  
 Data File : BF139962.D  
 Acq On : 23 Oct 2024 14:04  
 Operator : RC/JU  
 Sample : PB164286BL  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB164286BL

Quant Time: Oct 23 14:28:47 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF101824.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Oct 18 15:07:50 2024  
 Response via : Initial Calibration

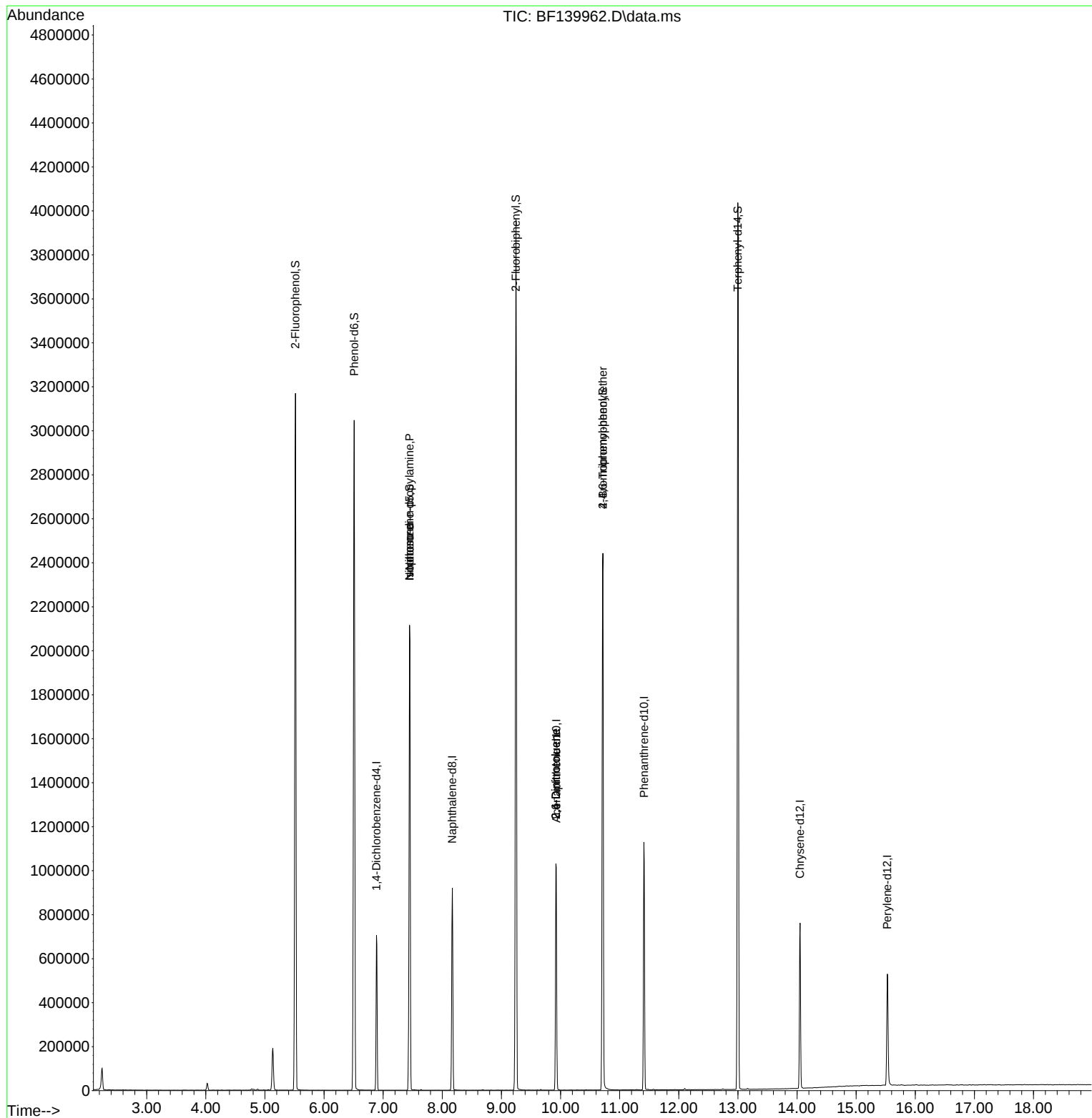
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.887  | 152  | 146341   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.169  | 136  | 564292   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.928  | 164  | 320476   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.410 | 188  | 596529   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 14.051 | 240  | 356991   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 15.527 | 264  | 312503   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.516  | 112  | 1257004  | 134.468 | ng    | 0.02     |
| 7) Phenol-d6                  | 6.510  | 99   | 1582027  | 130.669 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.445  | 82   | 1012283  | 99.424  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.716 | 330  | 468968   | 156.446 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.245  | 172  | 1837259  | 94.748  | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.998 | 244  | 2156843  | 98.449  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
| 19) n-Nitroso-di-n-propyla... | 7.445  | 70   | 135104   | 18.399  | ng    | # 76     |
| 25) Isophorone                | 7.445  | 82   | 1008369  | 52.181  | ng    | # 67     |
| 51) 2,6-Dinitrotoluene        | 9.922  | 165  | 41868    | 9.687   | ng    | # 21     |
| 57) 2,4-Dinitrotoluene        | 9.922  | 165  | 41868    | 7.877   | ng    | # 21     |
| 67) 4-Bromophenyl-phenylether | 10.716 | 248  | 29696    | 4.832   | ng    | # 1      |
| -----                         |        |      |          |         |       |          |

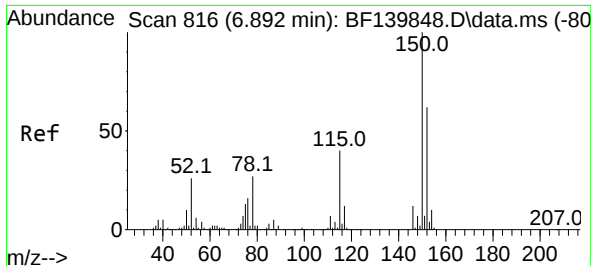
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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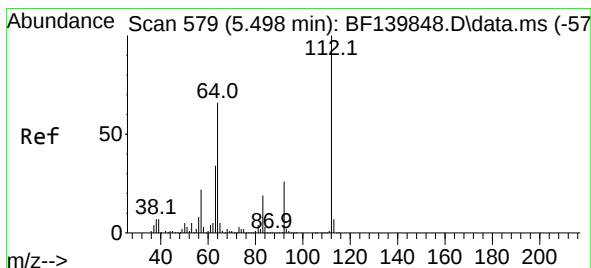
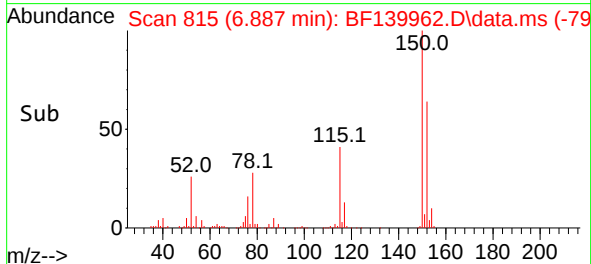
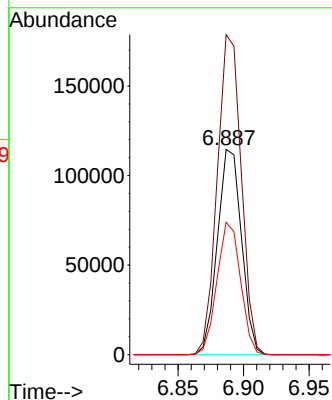
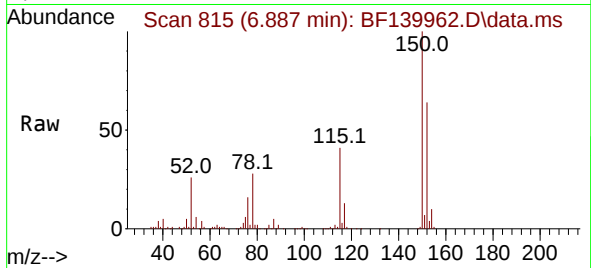




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.887 min Scan# 816  
Delta R.T. -0.005 min  
Lab File: BF139962.D  
Acq: 23 Oct 2024 14:04

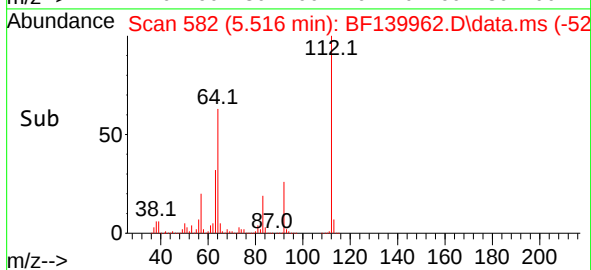
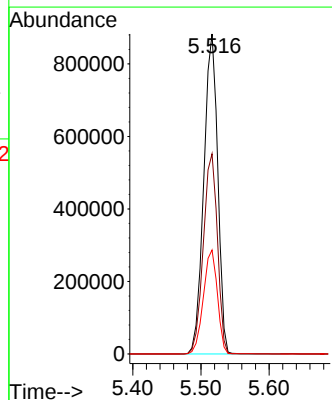
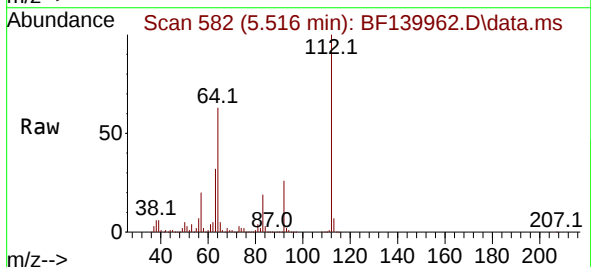
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BNA\_F  
ClientSampleId :  
PB164286BL

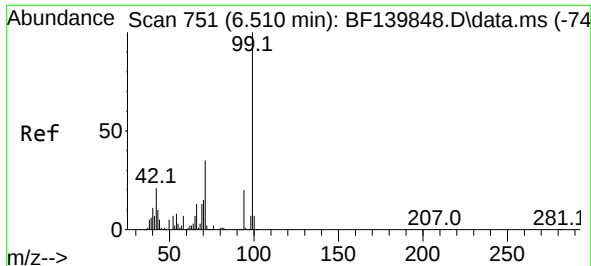
Tgt Ion:152 Resp: 146341  
Ion Ratio Lower Upper  
152 100  
150 155.9 130.2 195.2  
115 64.5 51.4 77.2



#5  
2-Fluorophenol  
Concen: 134.468 ng  
RT: 5.516 min Scan# 582  
Delta R.T. 0.018 min  
Lab File: BF139962.D  
Acq: 23 Oct 2024 14:04

Tgt Ion:112 Resp: 1257004  
Ion Ratio Lower Upper  
112 100  
64 62.6 53.0 79.6  
63 32.5 27.0 40.4

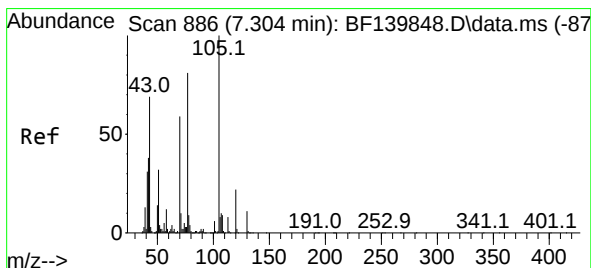
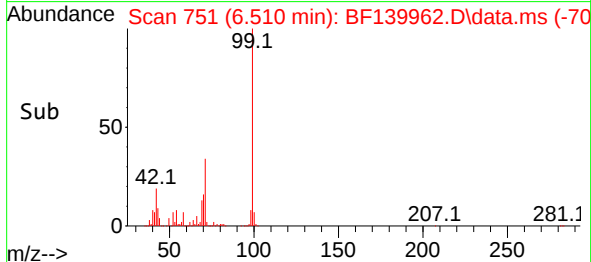
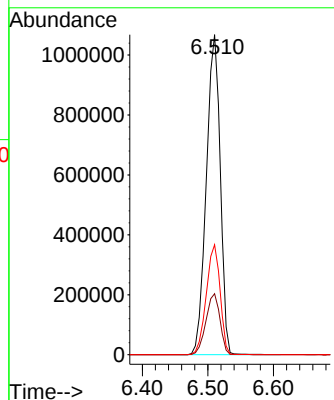
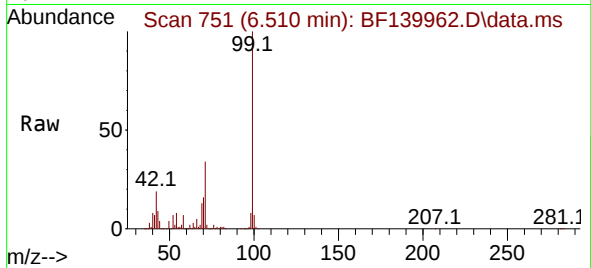




#7  
Phenol-d6  
Concen: 130.669 ng  
RT: 6.510 min Scan# 71  
Delta R.T. 0.000 min  
Lab File: BF139962.D  
Acq: 23 Oct 2024 14:04

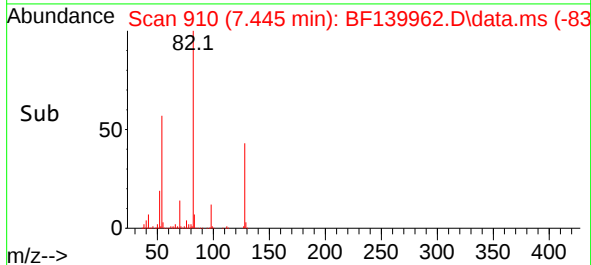
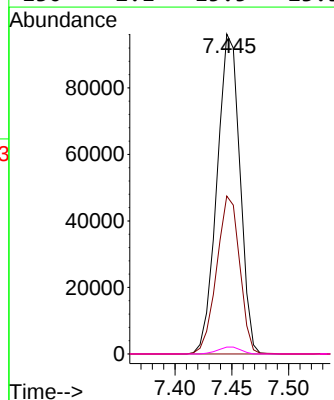
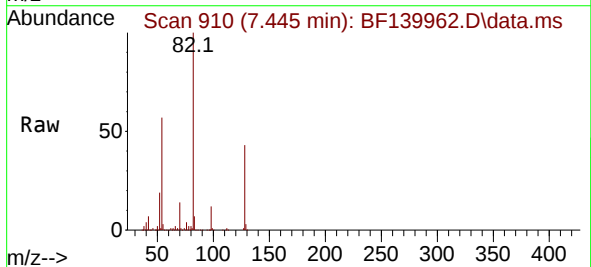
Instrument :  
BNA\_F  
ClientSampleId :  
PB164286BL

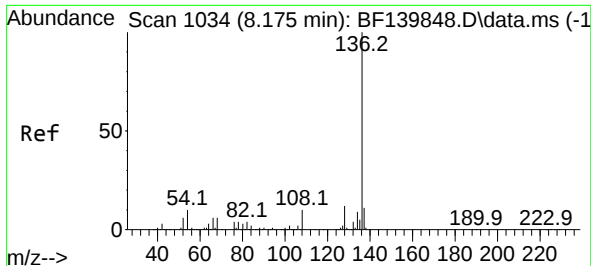
Tgt Ion: 99 Resp: 1582027  
Ion Ratio Lower Upper  
99 100  
42 19.0 16.7 25.1  
71 34.3 27.7 41.5



#19  
n-Nitroso-di-n-propylamine  
Concen: 18.399 ng  
RT: 7.445 min Scan# 910  
Delta R.T. 0.141 min  
Lab File: BF139962.D  
Acq: 23 Oct 2024 14:04

Tgt Ion: 70 Resp: 135104  
Ion Ratio Lower Upper  
70 100  
42 49.4 51.5 77.3#  
101 0.0 7.5 11.3#  
130 2.1 15.5 23.3#





#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.169 min Scan# 1033  
Delta R.T. -0.006 min  
Lab File: BF139962.D  
Acq: 23 Oct 2024 14:04

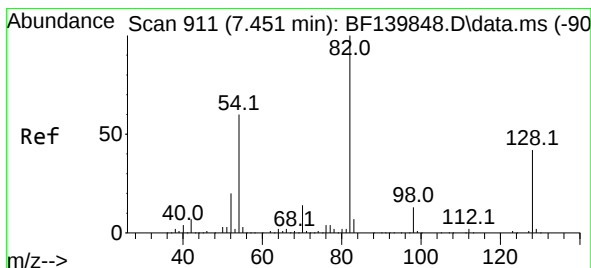
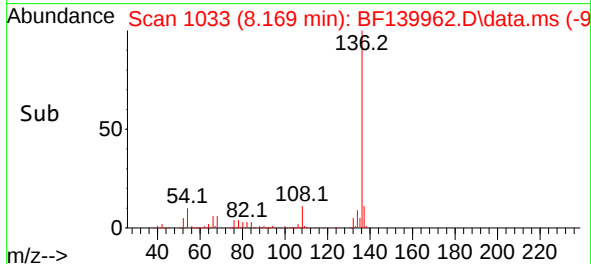
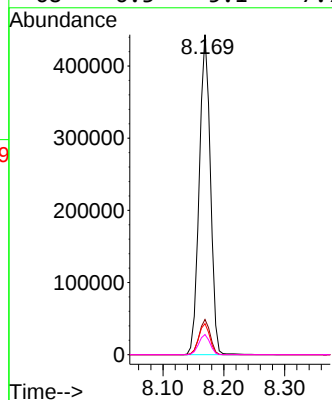
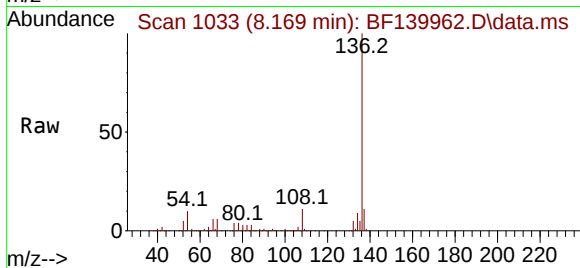
Instrument :

BNA\_F

ClientSampleId :

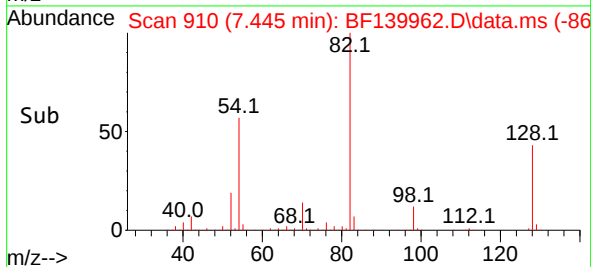
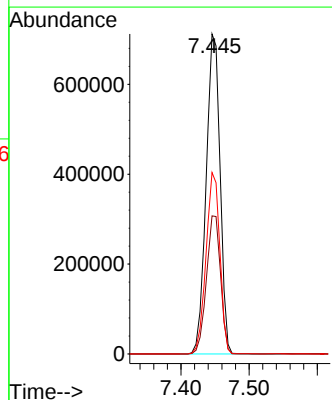
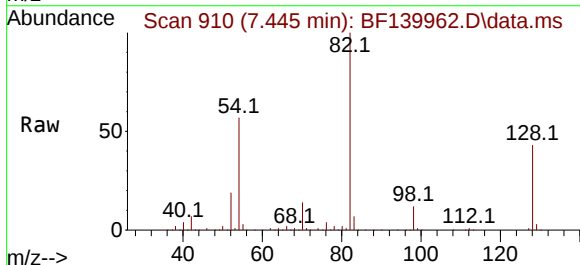
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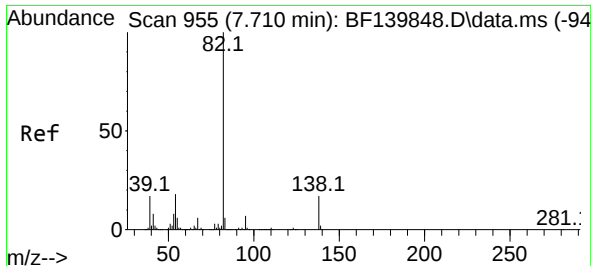
Tgt Ion:136 Resp: 564292  
Ion Ratio Lower Upper  
136 100  
137 11.0 8.6 12.8  
54 9.7 8.4 12.6  
68 6.3 5.1 7.7



#23  
Nitrobenzene-d5  
Concen: 99.424 ng  
RT: 7.445 min Scan# 910  
Delta R.T. -0.006 min  
Lab File: BF139962.D  
Acq: 23 Oct 2024 14:04

Tgt Ion: 82 Resp: 1012283  
Ion Ratio Lower Upper  
82 100  
128 43.2 33.4 50.0  
54 56.7 47.8 71.8

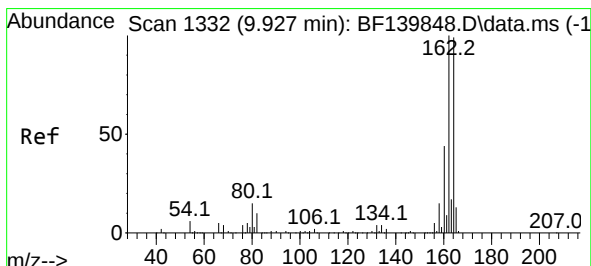
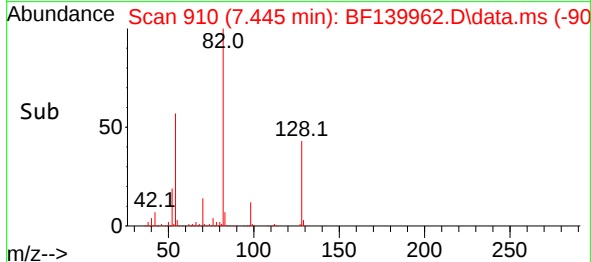
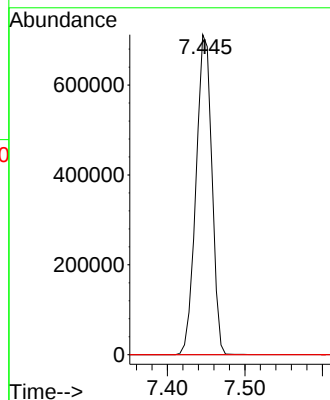
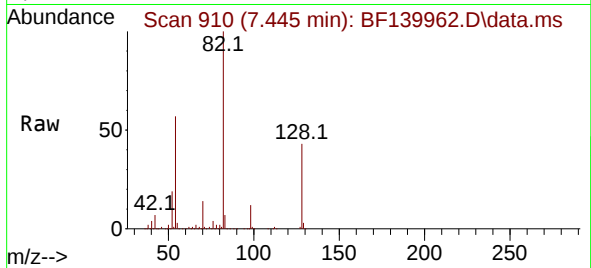




#25  
Isophorone  
Concen: 52.181 ng  
RT: 7.445 min Scan# 910  
Delta R.T. -0.264 min  
Lab File: BF139962.D  
Acq: 23 Oct 2024 14:04

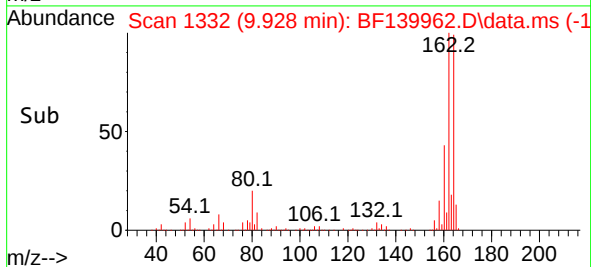
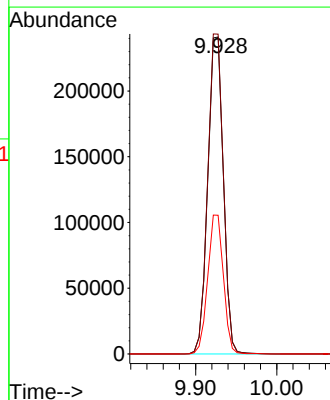
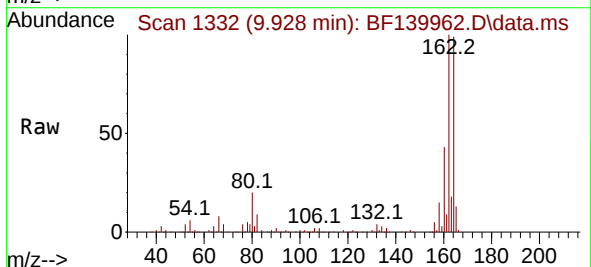
Instrument :  
BNA\_F  
ClientSampleId :  
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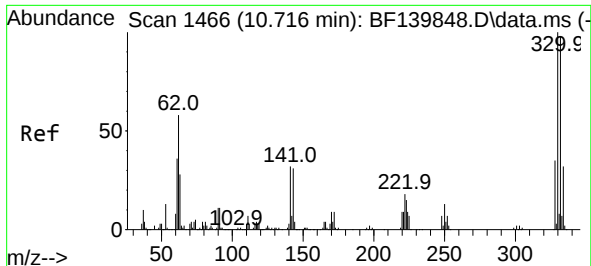
Tgt Ion: 82 Resp: 1008369  
Ion Ratio Lower Upper  
82 100  
95 0.0 5.5 8.3#  
138 0.0 13.2 19.8#



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.928 min Scan# 1332  
Delta R.T. 0.001 min  
Lab File: BF139962.D  
Acq: 23 Oct 2024 14:04

Tgt Ion: 164 Resp: 320476  
Ion Ratio Lower Upper  
164 100  
162 101.0 81.0 121.4  
160 43.8 35.4 53.0

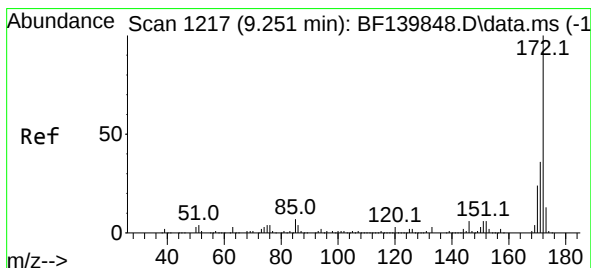
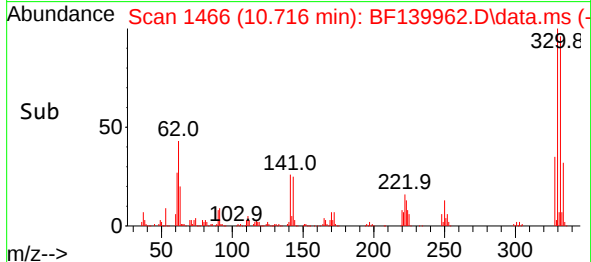
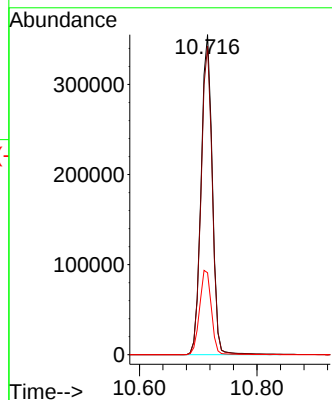
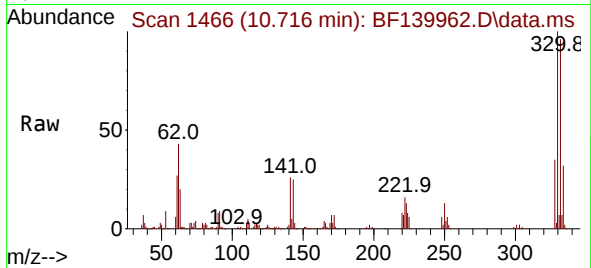




#42  
2,4,6-Tribromophenol  
Concen: 156.446 ng  
RT: 10.716 min Scan# 1466  
Delta R.T. 0.000 min  
Lab File: BF139962.D  
Acq: 23 Oct 2024 14:04

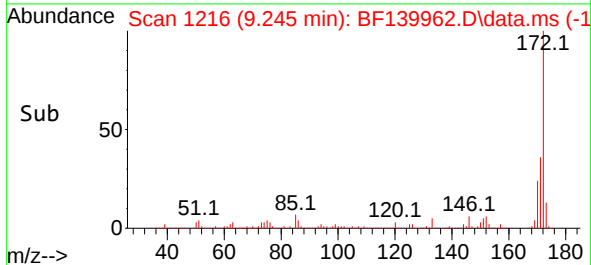
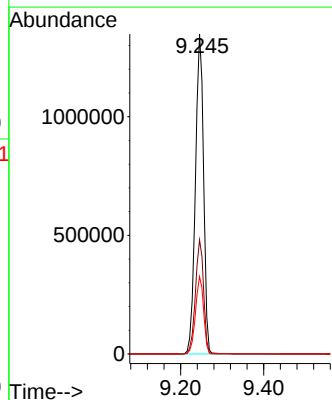
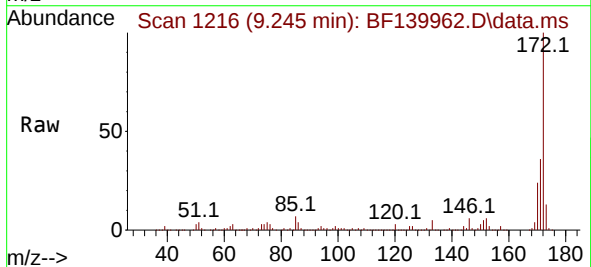
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ClientSampleId :  
PB164286BL

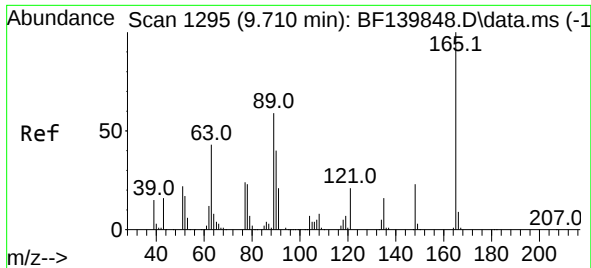
Tgt Ion: 330 Resp: 468968  
Ion Ratio Lower Upper  
330 100  
332 96.6 78.1 117.1  
141 27.8 26.6 39.8



#45  
2-Fluorobiphenyl  
Concen: 94.748 ng  
RT: 9.245 min Scan# 1216  
Delta R.T. -0.006 min  
Lab File: BF139962.D  
Acq: 23 Oct 2024 14:04

Tgt Ion: 172 Resp: 1837259  
Ion Ratio Lower Upper  
172 100  
171 35.7 28.6 43.0  
170 24.2 19.1 28.7

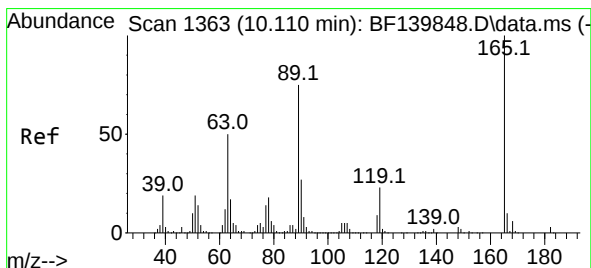
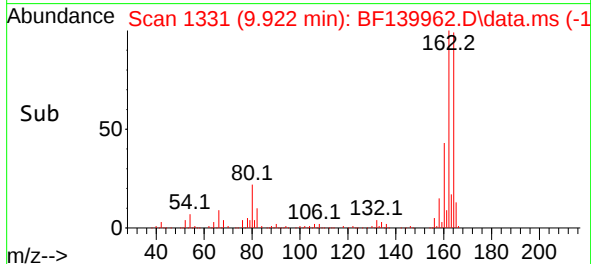
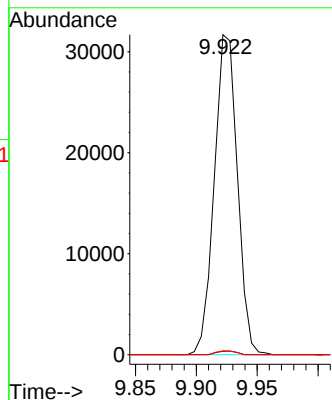
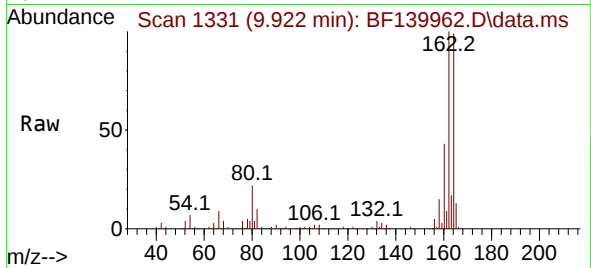




#51  
2,6-Dinitrotoluene  
Concen: 9.687 ng  
RT: 9.922 min Scan# 1331  
Delta R.T. 0.212 min  
Lab File: BF139962.D  
Acq: 23 Oct 2024 14:04

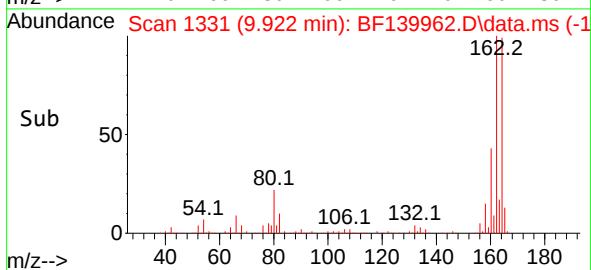
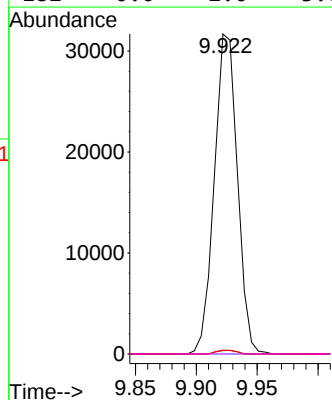
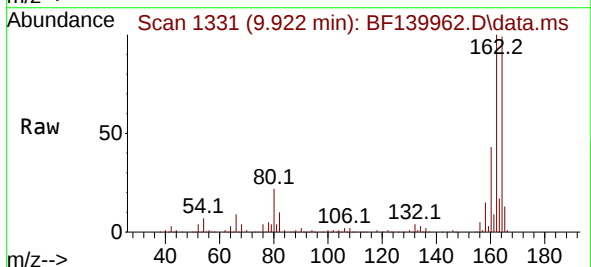
Instrument :  
BNA\_F  
ClientSampleId :  
PB164286BL

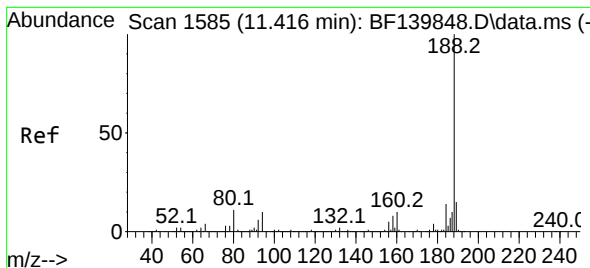
Tgt Ion:165 Resp: 41868  
Ion Ratio Lower Upper  
165 100  
63 1.1 50.6 75.8#  
89 1.2 47.5 71.3#



#57  
2,4-Dinitrotoluene  
Concen: 7.877 ng  
RT: 9.922 min Scan# 1331  
Delta R.T. -0.188 min  
Lab File: BF139962.D  
Acq: 23 Oct 2024 14:04

Tgt Ion:165 Resp: 41868  
Ion Ratio Lower Upper  
165 100  
63 1.1 40.1 60.1#  
89 1.2 60.4 90.6#  
182 0.0 2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139962.D

Acq: 23 Oct 2024 14:04

Instrument :

BNA\_F

ClientSampleId :

PB164286BL

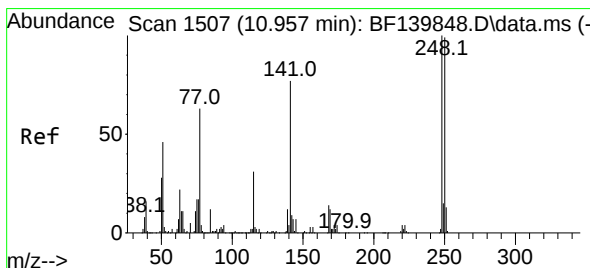
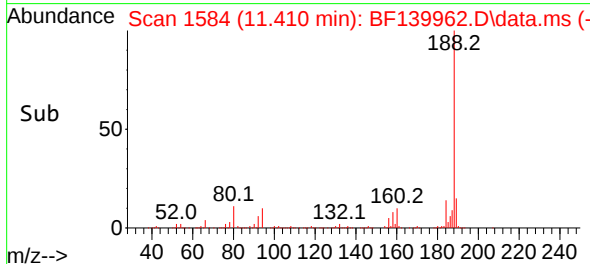
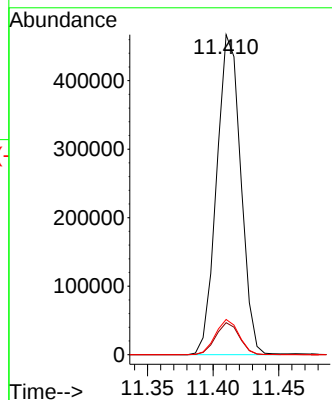
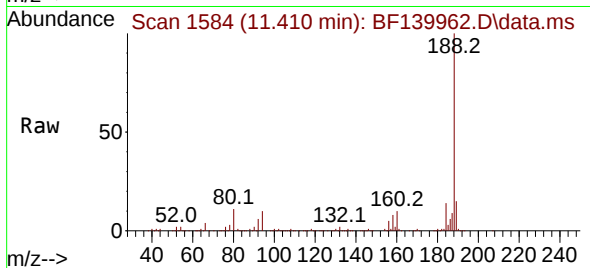
Tgt Ion:188 Resp: 596529

Ion Ratio Lower Upper

188 100

94 10.0 7.9 11.9

80 11.0 9.0 13.4



#67

4-Bromophenyl-phenylether

Concen: 4.832 ng

RT: 10.716 min Scan# 1466

Delta R.T. -0.241 min

Lab File: BF139962.D

Acq: 23 Oct 2024 14:04

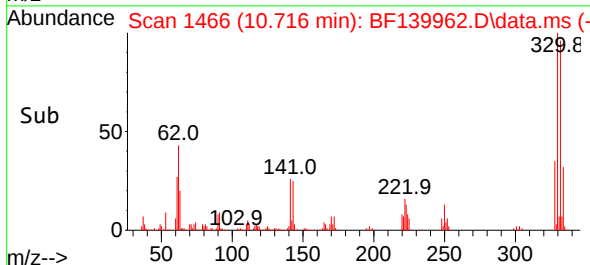
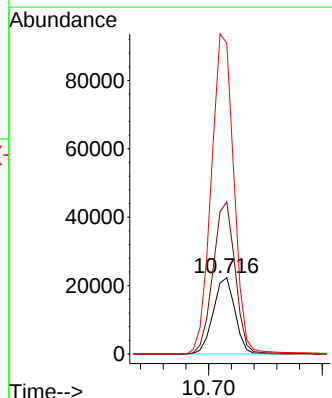
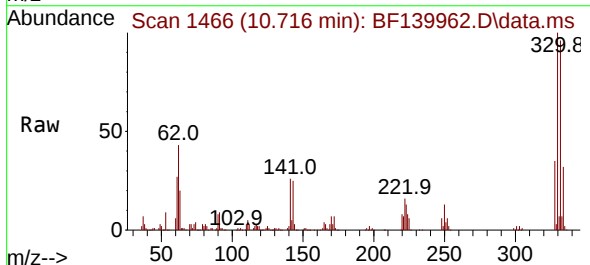
Tgt Ion:248 Resp: 29696

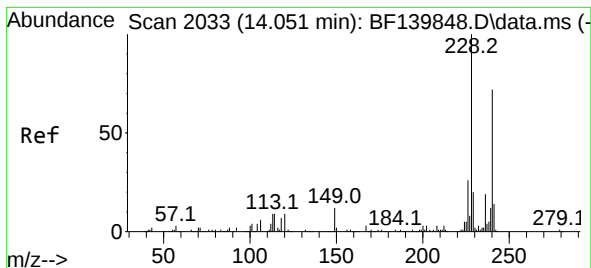
Ion Ratio Lower Upper

248 100

250 199.3 79.0 118.6#

141 407.3 61.7 92.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.051 min Scan# 2033

Delta R.T. 0.000 min

Lab File: BF139962.D

Acq: 23 Oct 2024 14:04

Instrument :

BNA\_F

ClientSampleId :

PB164286BL

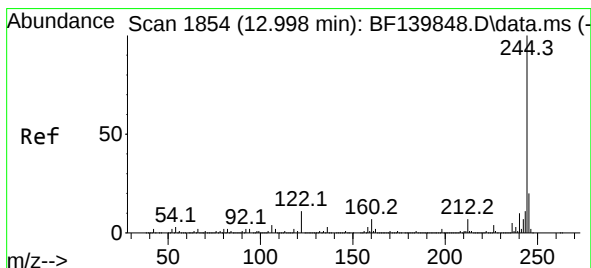
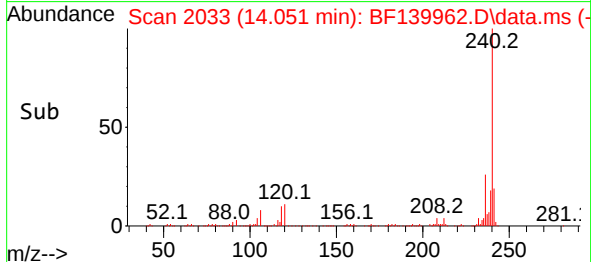
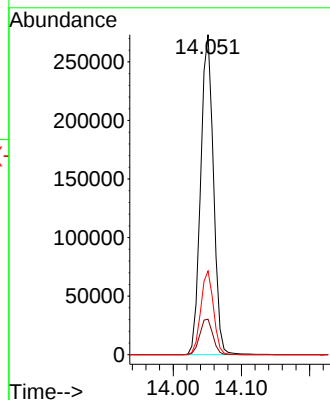
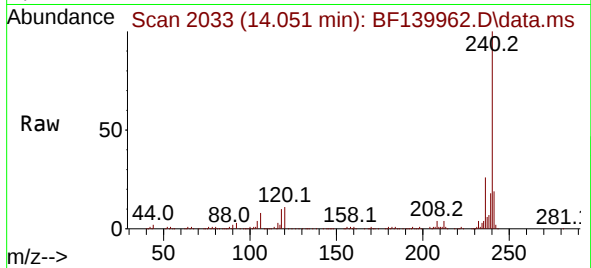
Tgt Ion:240 Resp: 356991

Ion Ratio Lower Upper

240 100

120 11.1 9.4 14.2

236 26.2 20.9 31.3



#79

Terphenyl-d14

Concen: 98.449 ng

RT: 12.998 min Scan# 1854

Delta R.T. 0.000 min

Lab File: BF139962.D

Acq: 23 Oct 2024 14:04

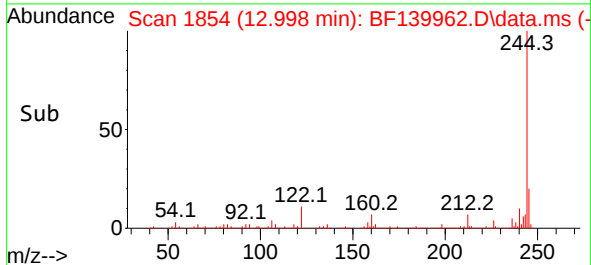
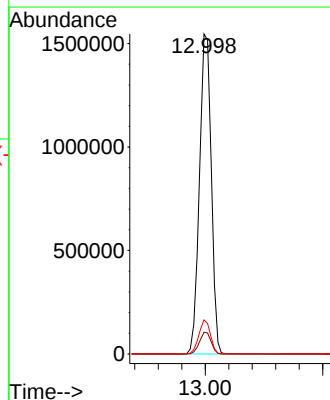
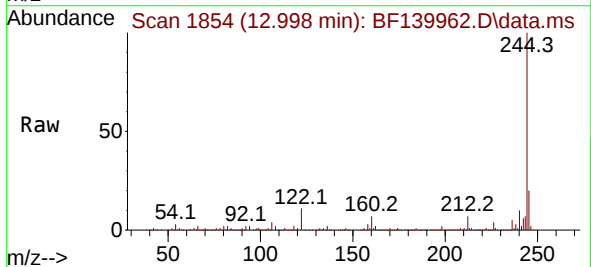
Tgt Ion:244 Resp: 2156843

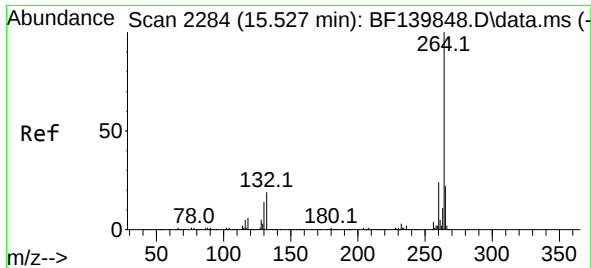
Ion Ratio Lower Upper

244 100

212 6.8 5.7 8.5

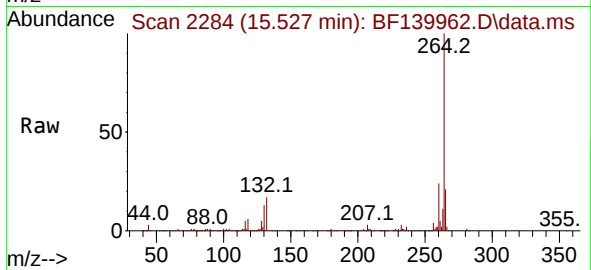
122 10.6 8.6 13.0





#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.527 min Scan# 21  
 Delta R.T. 0.000 min  
 Lab File: BF139962.D  
 Acq: 23 Oct 2024 14:04

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB164286BL



Tgt Ion:264 Resp: 312503  
 Ion Ratio Lower Upper  
 264 100  
 260 23.8 19.4 29.2  
 265 21.3 17.4 26.0

