

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF112724\  
 Data File : BF140662.D  
 Acq On : 27 Nov 2024 11:48  
 Operator : RC/JU  
 Sample : PB165252TB  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB165252TB

Quant Time: Nov 27 12:31:21 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF112124.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Nov 21 15:23:48 2024  
 Response via : Initial Calibration

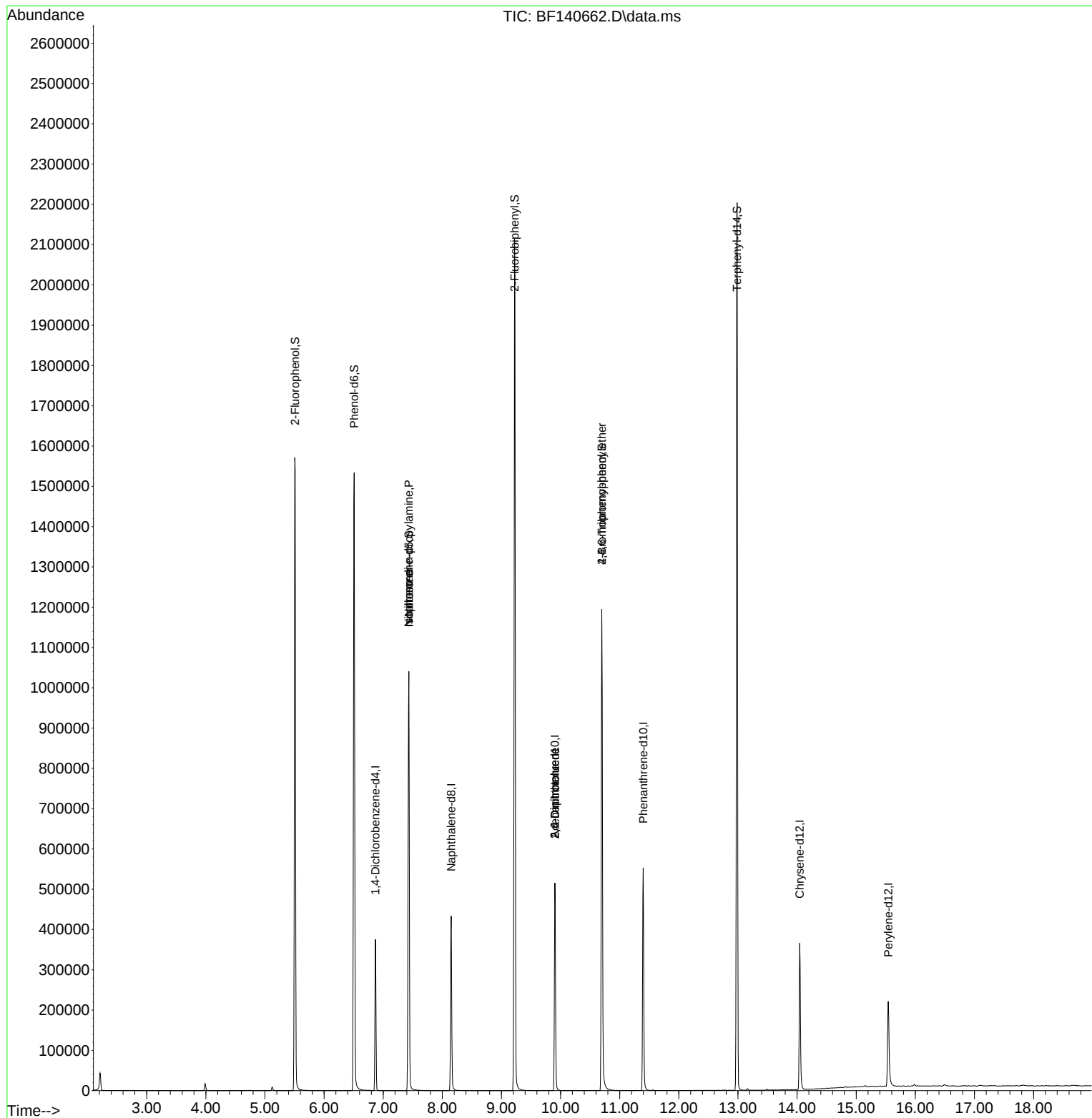
| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| -----                         |        |      |          |         |        |          |
| Internal Standards            |        |      |          |         |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.869  | 152  | 78744    | 20.000  | ng     | 0.00     |
| 21) Naphthalene-d8            | 8.151  | 136  | 298110   | 20.000  | ng     | 0.00     |
| 39) Acenaphthene-d10          | 9.904  | 164  | 167956   | 20.000  | ng     | -0.01    |
| 64) Phenanthrene-d10          | 11.398 | 188  | 325896   | 20.000  | ng     | 0.00     |
| 76) Chrysene-d12              | 14.045 | 240  | 198725   | 20.000  | ng     | 0.00     |
| 86) Perylene-d12              | 15.545 | 264  | 158041   | 20.000  | ng     | 0.00     |
| System Monitoring Compounds   |        |      |          |         |        |          |
| 5) 2-Fluorophenol             | 5.510  | 112  | 611001   | 132.390 | ng     | 0.01     |
| 7) Phenol-d6                  | 6.510  | 99   | 783332   | 128.387 | ng     | 0.00     |
| 23) Nitrobenzene-d5           | 7.434  | 82   | 520006   | 89.224  | ng     | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.698 | 330  | 223219   | 124.266 | ng     | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.222  | 172  | 1007247  | 89.353  | ng     | -0.01    |
| 79) Terphenyl-d14             | 12.986 | 244  | 1143727  | 89.618  | ng     | 0.00     |
| Target Compounds              |        |      |          |         |        |          |
|                               |        |      |          |         | Qvalue |          |
| 19) n-Nitroso-di-n-propyla... | 7.434  | 70   | 69250    | 19.205  | ng     | # 74     |
| 25) Isophorone                | 7.434  | 82   | 515531   | 53.034  | ng     | # 66     |
| 51) 2,6-Dinitrotoluene        | 9.904  | 165  | 21732    | 8.663   | ng     | # 20     |
| 57) 2,4-Dinitrotoluene        | 9.904  | 165  | 21732    | 6.518   | ng     | # 18     |
| 67) 4-Bromophenyl-phenylether | 10.698 | 248  | 14665    | 4.369   | ng     | # 1      |
| -----                         |        |      |          |         |        |          |

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

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Instrument :  
BNA\_F  
ClientSampleId :  
PB165252TB

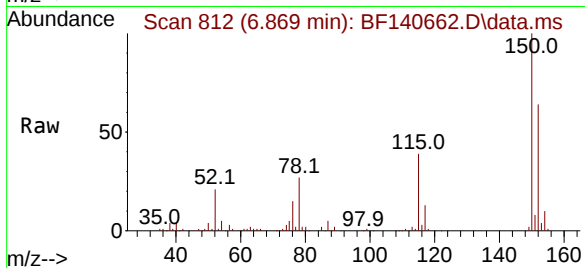
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF112124.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Nov 21 15:23:48 2024  
Response via : Initial Calibration



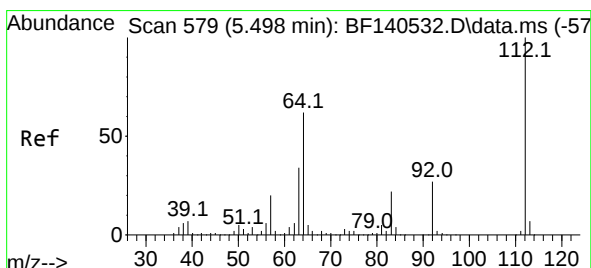
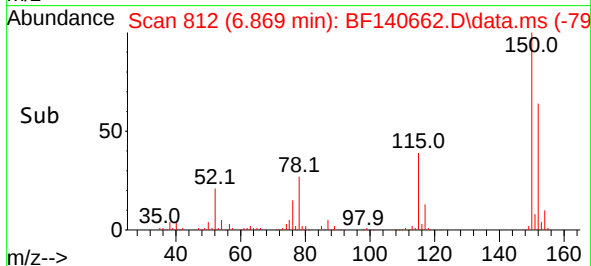
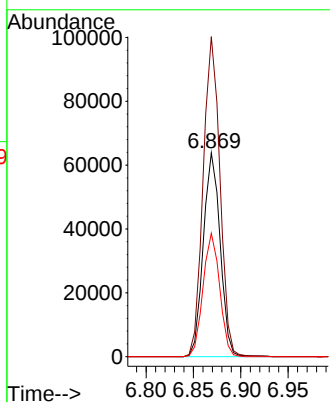


#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.869 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BF140662.D  
Acq: 27 Nov 2024 11:48

Instrument :  
BNA\_F  
ClientSampleId :  
PB165252TB

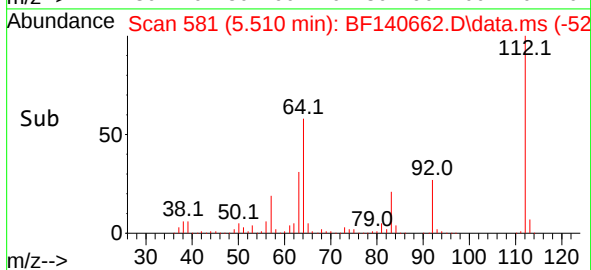
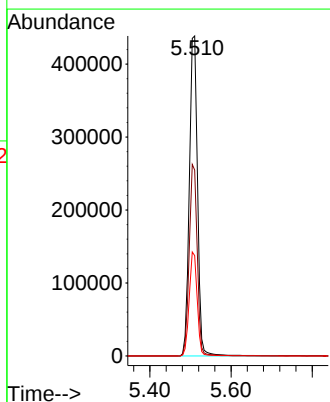
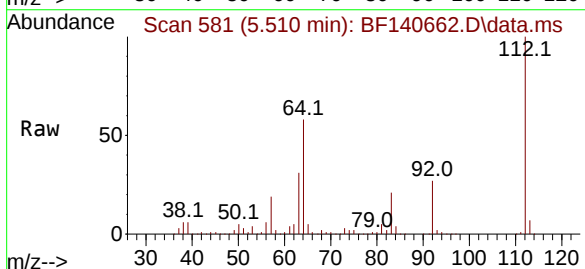


Tgt Ion:152 Resp: 78744  
Ion Ratio Lower Upper  
152 100  
150 157.0 128.5 192.7  
115 60.5 50.2 75.4



#5  
2-Fluorophenol  
Concen: 132.390 ng  
RT: 5.510 min Scan# 581  
Delta R.T. 0.012 min  
Lab File: BF140662.D  
Acq: 27 Nov 2024 11:48

Tgt Ion:112 Resp: 611001  
Ion Ratio Lower Upper  
112 100  
64 58.1 49.2 73.8  
63 31.4 27.0 40.4

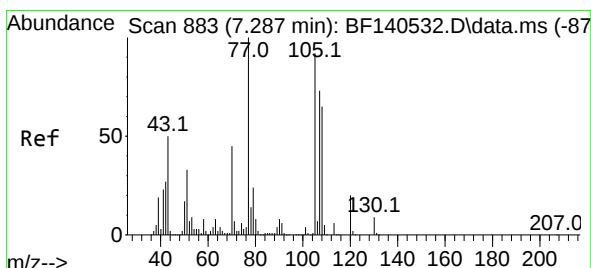
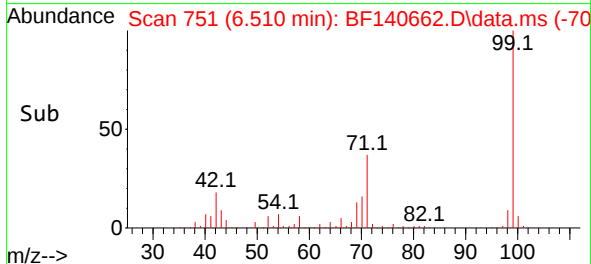
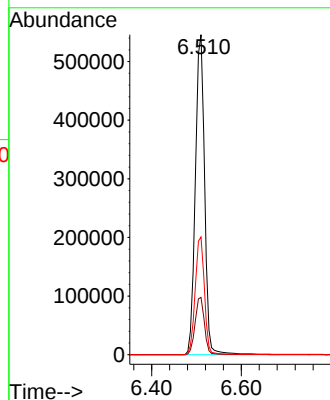
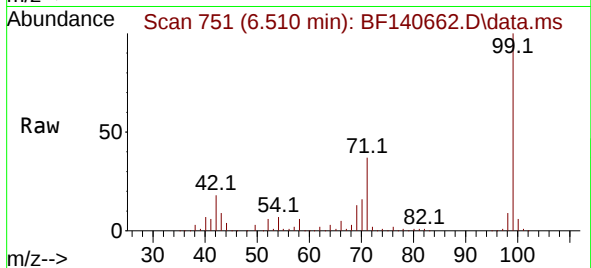




#7  
Phenol-d6  
Concen: 128.387 ng  
RT: 6.510 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BF140662.D  
Acq: 27 Nov 2024 11:48

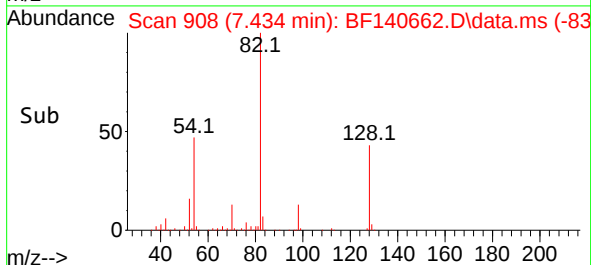
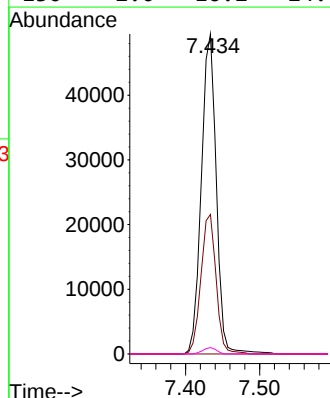
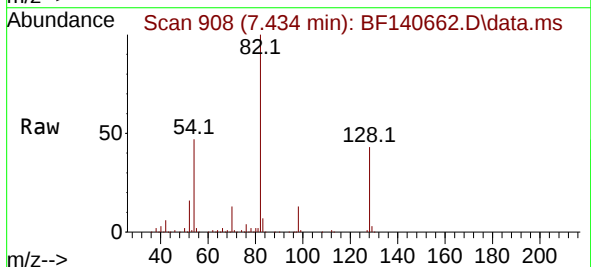
Instrument :  
BNA\_F  
ClientSampleId :  
PB165252TB

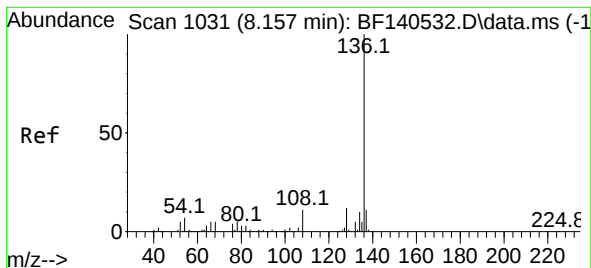
Tgt Ion: 99 Resp: 783332  
Ion Ratio Lower Upper  
99 100  
42 17.9 15.4 23.0  
71 36.8 30.6 46.0



#19  
n-Nitroso-di-n-propylamine  
Concen: 19.205 ng  
RT: 7.434 min Scan# 908  
Delta R.T. 0.147 min  
Lab File: BF140662.D  
Acq: 27 Nov 2024 11:48

Tgt Ion: 70 Resp: 69250  
Ion Ratio Lower Upper  
70 100  
42 43.6 47.6 71.4#  
101 0.0 7.6 11.4#  
130 2.0 16.2 24.4#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.151 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140662.D

Acq: 27 Nov 2024 11:48

Instrument :

BNA\_F

ClientSampleId :

PB165252TB

Tgt Ion:136 Resp: 298110

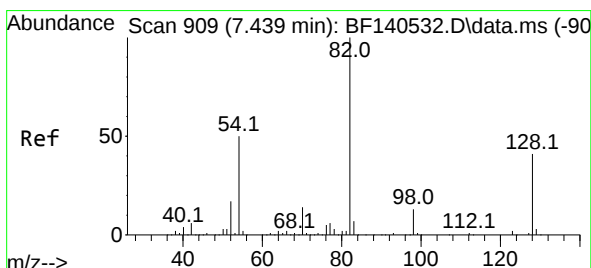
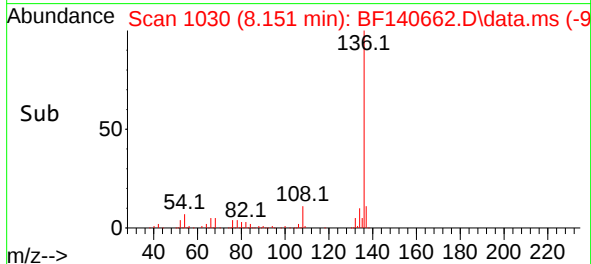
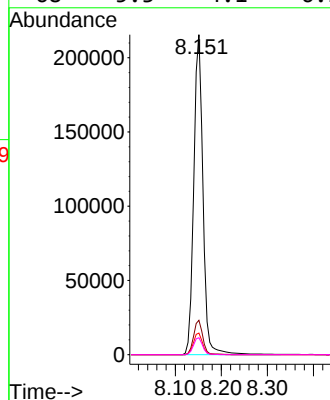
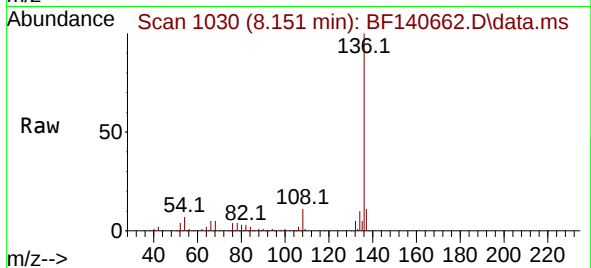
Ion Ratio Lower Upper

136 100

137 10.8 8.6 13.0

54 6.8 5.8 8.8

68 5.3 4.1 6.1



#23

Nitrobenzene-d5

Concen: 89.224 ng

RT: 7.434 min Scan# 908

Delta R.T. -0.006 min

Lab File: BF140662.D

Acq: 27 Nov 2024 11:48

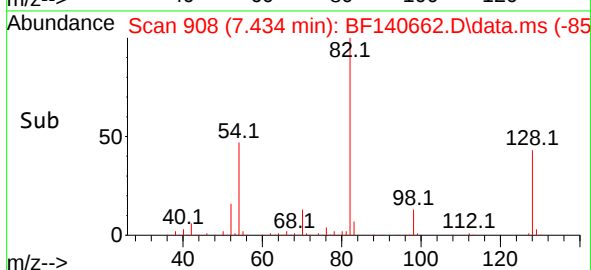
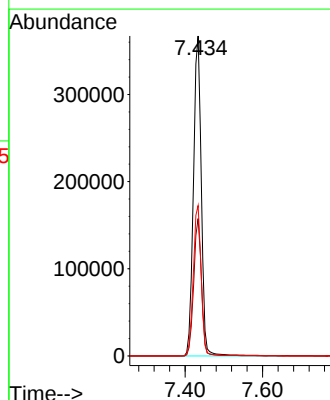
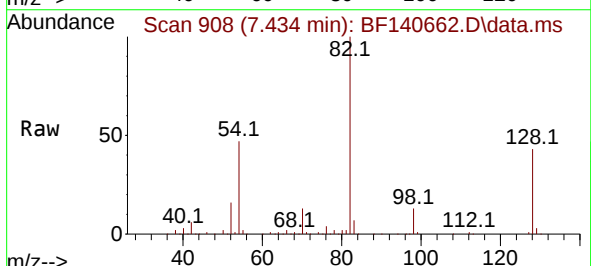
Tgt Ion: 82 Resp: 520006

Ion Ratio Lower Upper

82 100

128 42.9 33.0 49.4

54 47.0 39.5 59.3

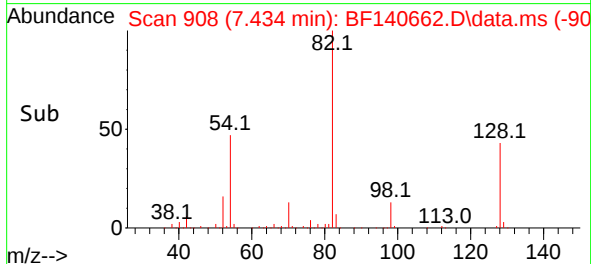
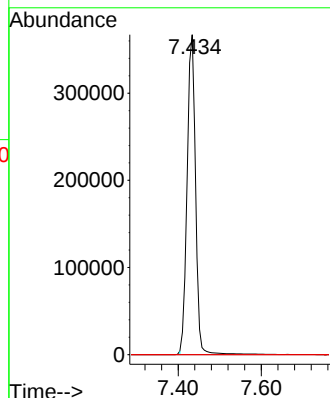
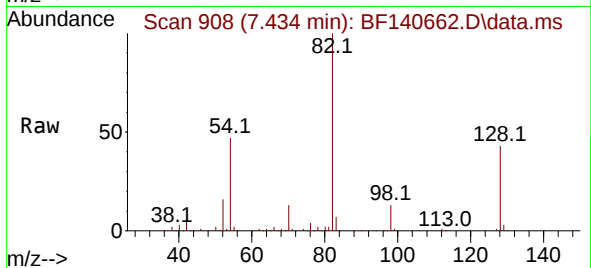




#25  
Isophorone  
Concen: 53.034 ng  
RT: 7.434 min Scan# 90  
Delta R.T. -0.265 min  
Lab File: BF140662.D  
Acq: 27 Nov 2024 11:48

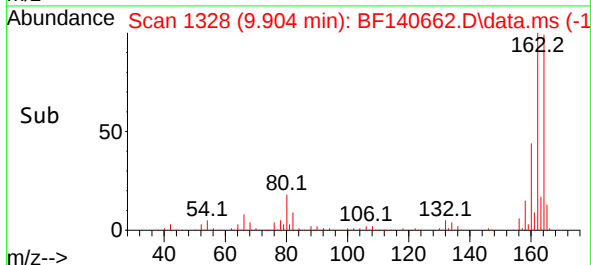
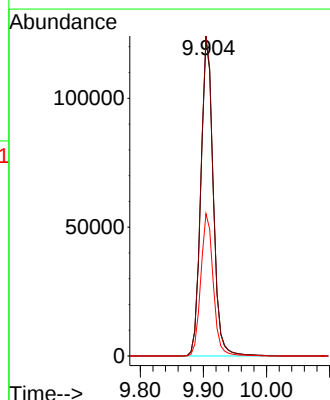
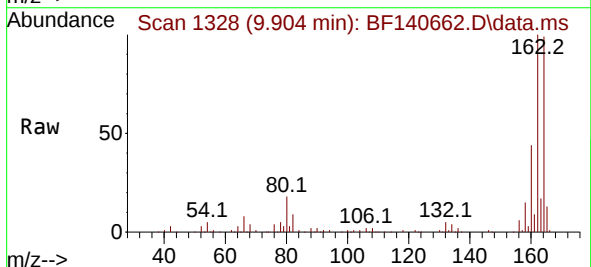
Instrument :  
BNA\_F  
ClientSampleId :  
PB165252TB

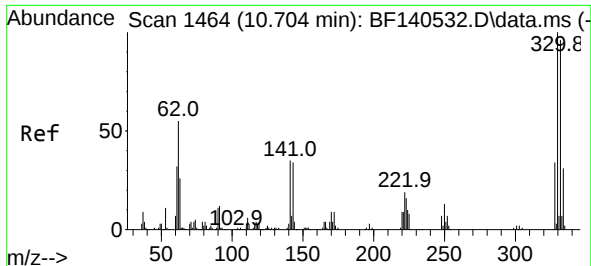
Tgt Ion: 82 Resp: 515531  
Ion Ratio Lower Upper  
82 100  
95 0.0 6.4 9.6#  
138 0.0 13.8 20.6#



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.904 min Scan# 1328  
Delta R.T. -0.012 min  
Lab File: BF140662.D  
Acq: 27 Nov 2024 11:48

Tgt Ion: 164 Resp: 167956  
Ion Ratio Lower Upper  
164 100  
162 101.0 80.6 120.8  
160 44.9 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 124.266 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.006 min

Lab File: BF140662.D

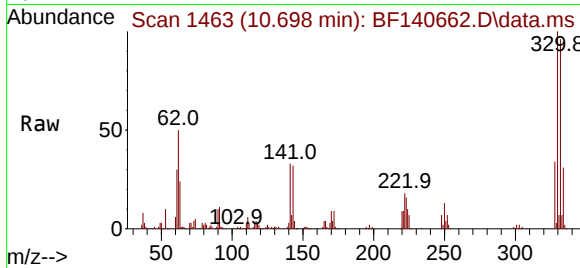
Acq: 27 Nov 2024 11:48

Instrument :

BNA\_F

ClientSampleId :

PB165252TB



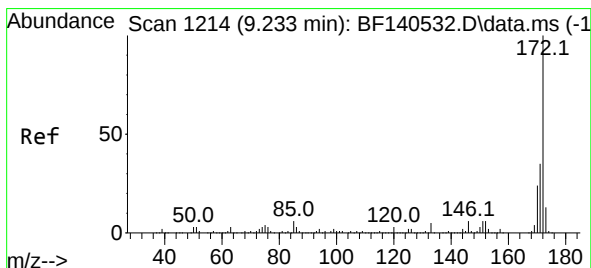
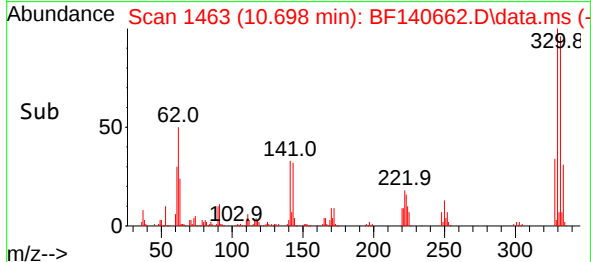
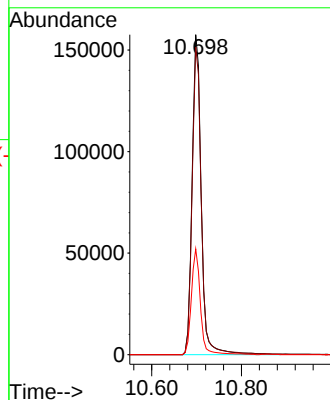
Tgt Ion:330 Resp: 223219

Ion Ratio Lower Upper

330 100

332 96.9 76.9 115.3

141 32.6 26.7 40.1



#45

2-Fluorobiphenyl

Concen: 89.353 ng

RT: 9.222 min Scan# 1212

Delta R.T. -0.012 min

Lab File: BF140662.D

Acq: 27 Nov 2024 11:48

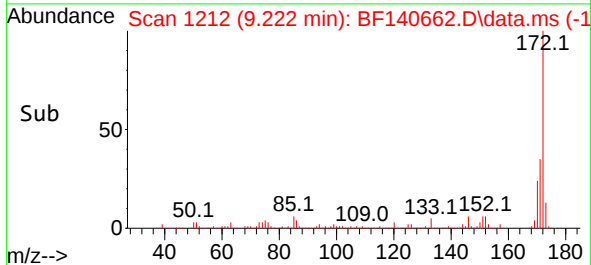
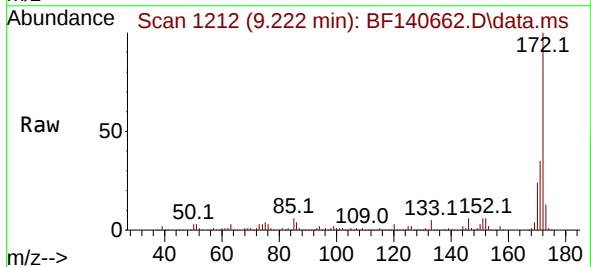
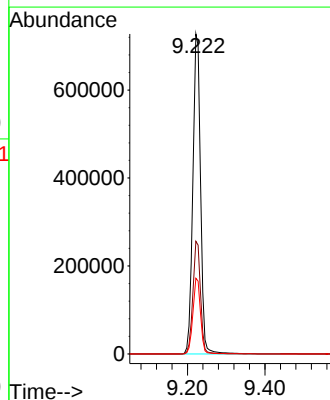
Tgt Ion:172 Resp: 1007247

Ion Ratio Lower Upper

172 100

171 35.2 28.4 42.6

170 23.6 19.0 28.6





#51

2,6-Dinitrotoluene

Concen: 8.663 ng

RT: 9.904 min Scan# 11

Delta R.T. 0.206 min

Lab File: BF140662.D

Acq: 27 Nov 2024 11:48

Instrument :

BNA\_F

ClientSampleId :

PB165252TB

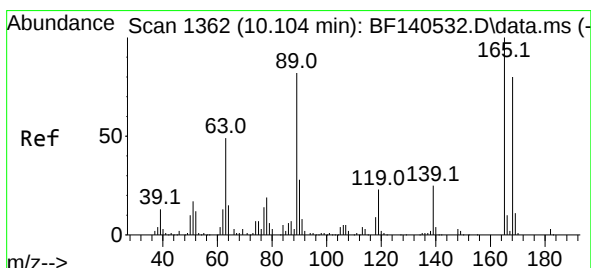
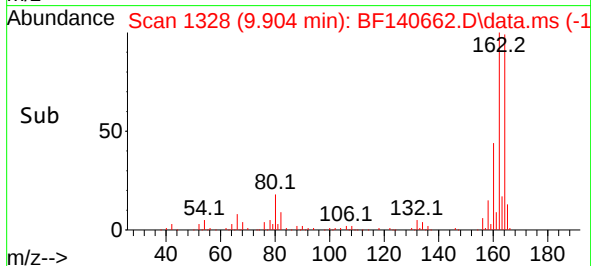
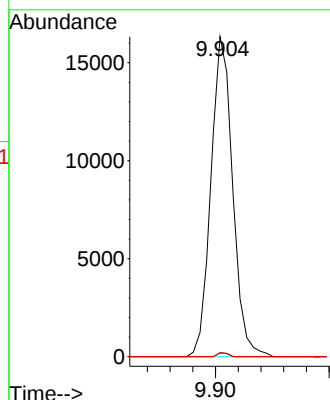
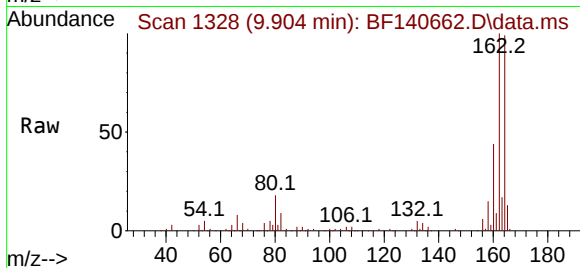
Tgt Ion:165 Resp: 21732

Ion Ratio Lower Upper

165 100

63 1.2 49.9 74.9#

89 1.1 50.9 76.3#



#57

2,4-Dinitrotoluene

Concen: 6.518 ng

RT: 9.904 min Scan# 1328

Delta R.T. -0.200 min

Lab File: BF140662.D

Acq: 27 Nov 2024 11:48

Tgt Ion:165 Resp: 21732

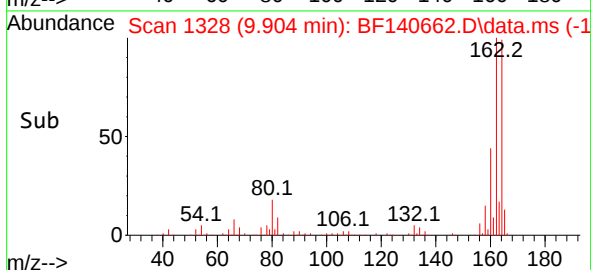
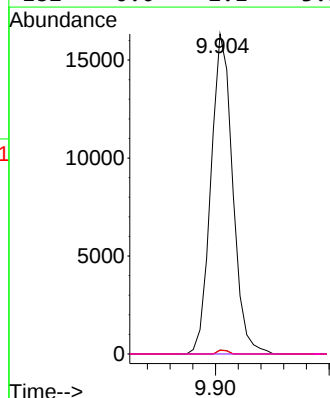
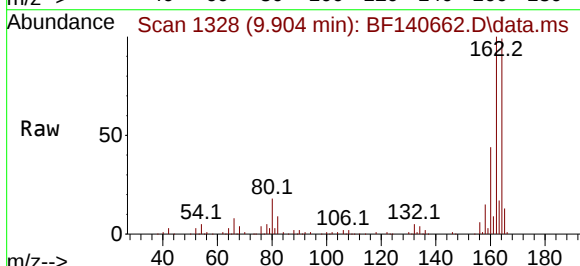
Ion Ratio Lower Upper

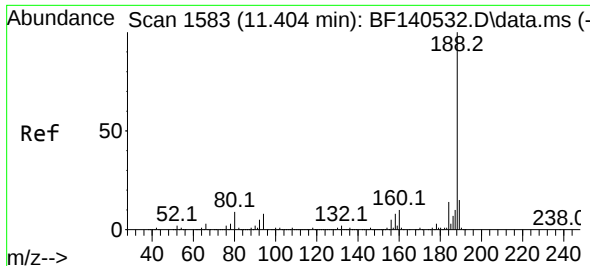
165 100

63 1.2 41.7 62.5#

89 1.1 65.8 98.8#

182 0.0 2.1 3.1#

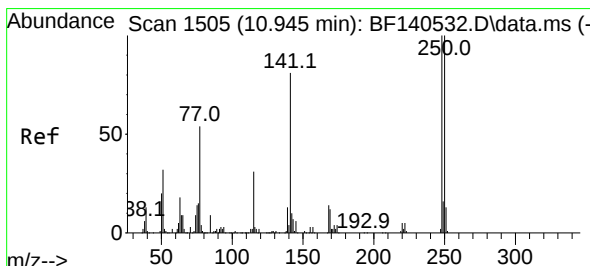
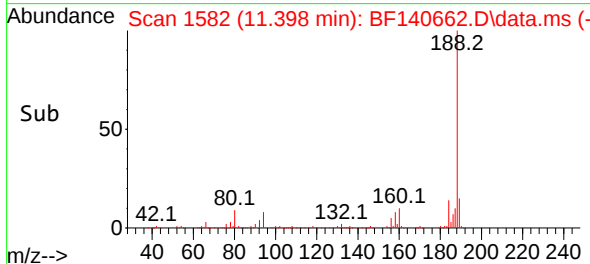
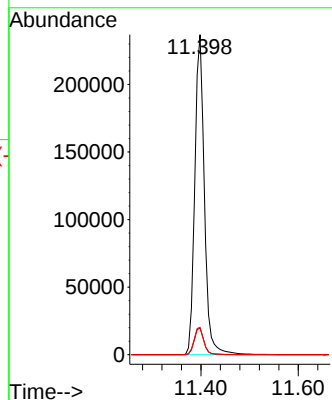
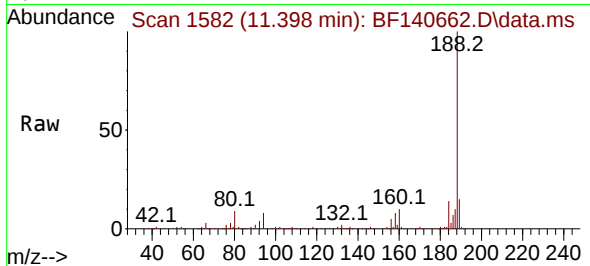




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.398 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF140662.D  
Acq: 27 Nov 2024 11:48

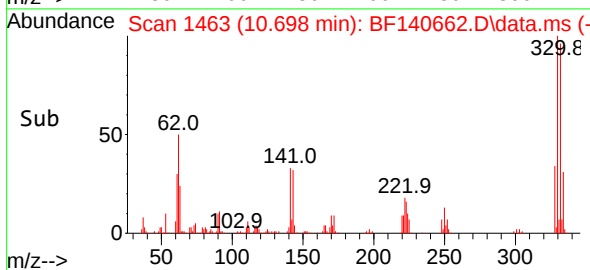
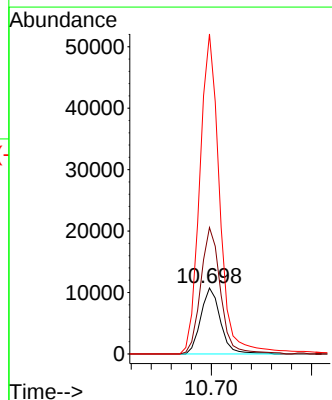
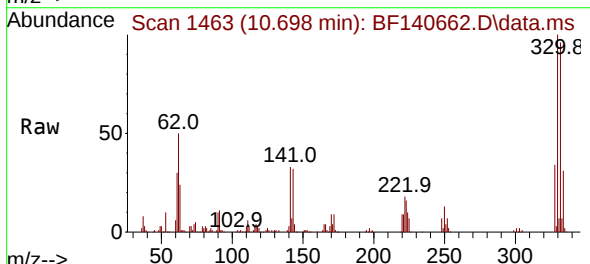
Instrument :  
BNA\_F  
ClientSampleId :  
PB165252TB

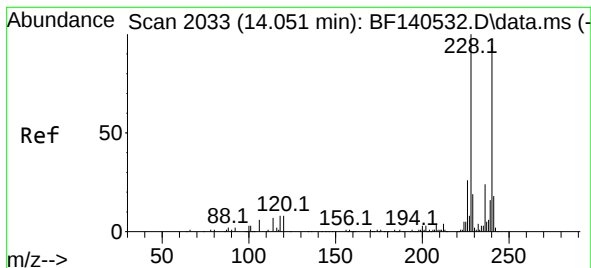
Tgt Ion:188 Resp: 325896  
Ion Ratio Lower Upper  
188 100  
94 8.3 6.4 9.6  
80 8.5 6.9 10.3



#67  
4-Bromophenyl-phenylether  
Concen: 4.369 ng  
RT: 10.698 min Scan# 1463  
Delta R.T. -0.247 min  
Lab File: BF140662.D  
Acq: 27 Nov 2024 11:48

Tgt Ion:248 Resp: 14665  
Ion Ratio Lower Upper  
248 100  
250 191.4 79.8 119.8#  
141 484.8 64.7 97.1#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 2032

Delta R.T. -0.006 min

Lab File: BF140662.D

Acq: 27 Nov 2024 11:48

Instrument :

BNA\_F

ClientSampleId :

PB165252TB

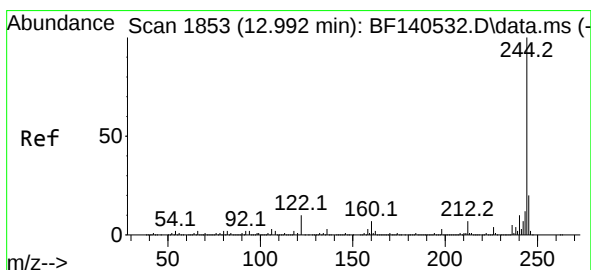
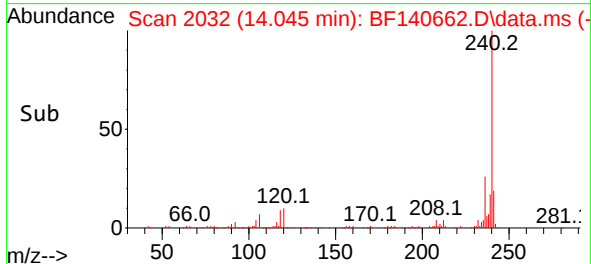
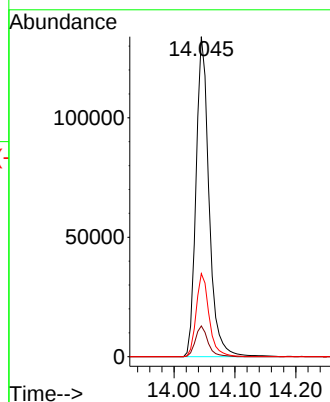
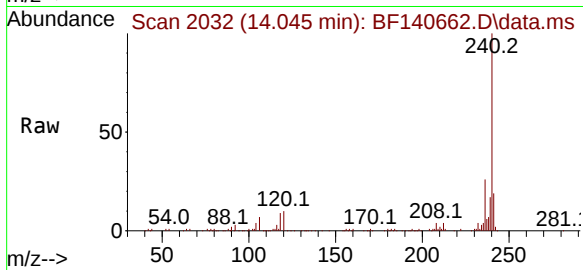
Tgt Ion:240 Resp: 198725

Ion Ratio Lower Upper

240 100

120 9.6 7.3 10.9

236 26.0 20.6 31.0



#79

Terphenyl-d14

Concen: 89.618 ng

RT: 12.986 min Scan# 1852

Delta R.T. -0.006 min

Lab File: BF140662.D

Acq: 27 Nov 2024 11:48

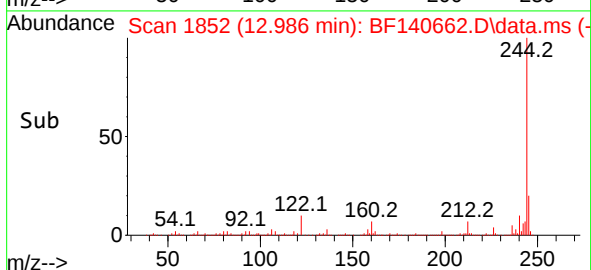
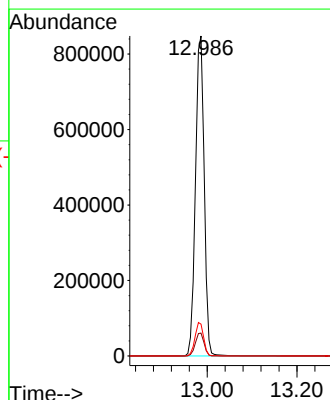
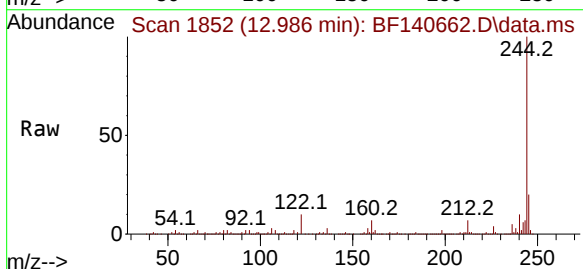
Tgt Ion:244 Resp: 1143727

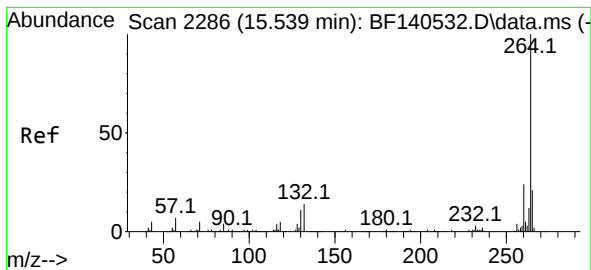
Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

122 9.9 8.0 12.0





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.545 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF140662.D

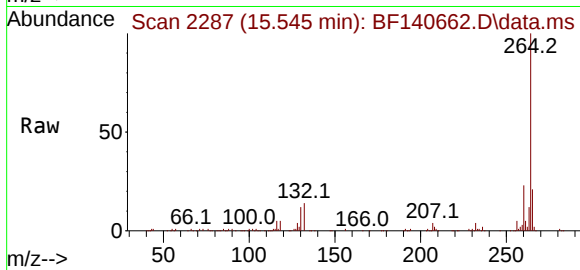
Acq: 27 Nov 2024 11:48

Instrument :

BNA\_F

ClientSampleId :

PB165252TB



Tgt Ion:264 Resp: 158041

Ion Ratio Lower Upper

264 100

260 23.0 19.0 28.6

265 21.2 16.6 25.0

