

Data Path : Z:\svoasrv\HPCHEM1\BNA\_E\Data\BE110824\  
 Data File : BE101550.D  
 Acq On : 8 Nov 2024 13:56  
 Operator : RC/JU  
 Sample : P4694-08  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 Z-04

Quant Time: Nov 08 13:48:17 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_E\Methods\8270-BE110624.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Nov 07 00:01:20 2024  
 Response via : Initial Calibration

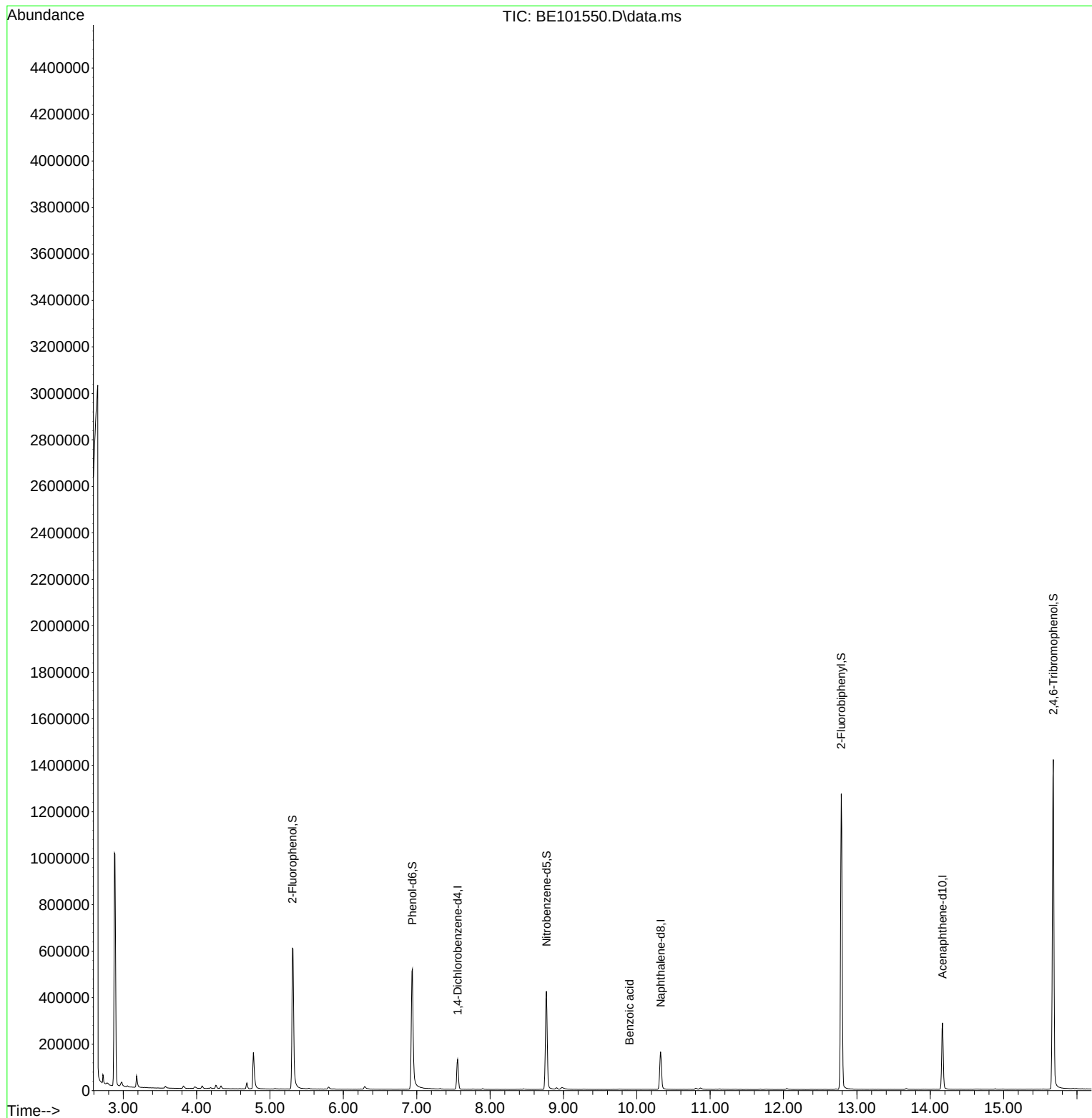
| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min)    |
|-----------------------------|--------|------|----------|---------|-------|-------------|
| -----                       |        |      |          |         |       |             |
| Internal Standards          |        |      |          |         |       |             |
| 1) 1,4-Dichlorobenzene-d4   | 7.558  | 152  | 36100    | 20.000  | ng    | 0.00        |
| 21) Naphthalene-d8          | 10.325 | 136  | 148758   | 20.000  | ng    | 0.00        |
| 39) Acenaphthene-d10        | 14.168 | 164  | 102994   | 20.000  | ng    | 0.00        |
| 64) Phenanthrene-d10        | 16.906 | 188  | 264891   | 20.000  | ng    | 0.00        |
| 76) Chrysene-d12            | 21.066 | 240  | 363180   | 20.000  | ng    | -0.01       |
| 86) Perylene-d12            | 23.351 | 264  | 458354   | 20.000  | ng    | 0.00        |
| System Monitoring Compounds |        |      |          |         |       |             |
| 5) 2-Fluorophenol           | 5.308  | 112  | 318281   | 155.894 | ng    | 0.00        |
| 7) Phenol-d6                | 6.941  | 99   | 375774   | 134.240 | ng    | 0.00        |
| 23) Nitrobenzene-d5         | 8.768  | 82   | 258715   | 109.854 | ng    | 0.00        |
| 42) 2,4,6-Tribromophenol    | 15.678 | 330  | 357131   | 184.275 | ng    | 0.00        |
| 45) 2-Fluorobiphenyl        | 12.787 | 172  | 678682   | 107.594 | ng    | -0.01       |
| 79) Terphenyl-d14           | 19.503 | 244  | 1960302  | 119.479 | ng    | 0.00        |
| Target Compounds            |        |      |          |         |       |             |
| 32) Benzoic acid            | 9.902  | 122  | 12       | 6.841   | ng    | Qvalue # 69 |
| -----                       |        |      |          |         |       |             |

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

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Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_E  
ClientSampleId :  
Z-04

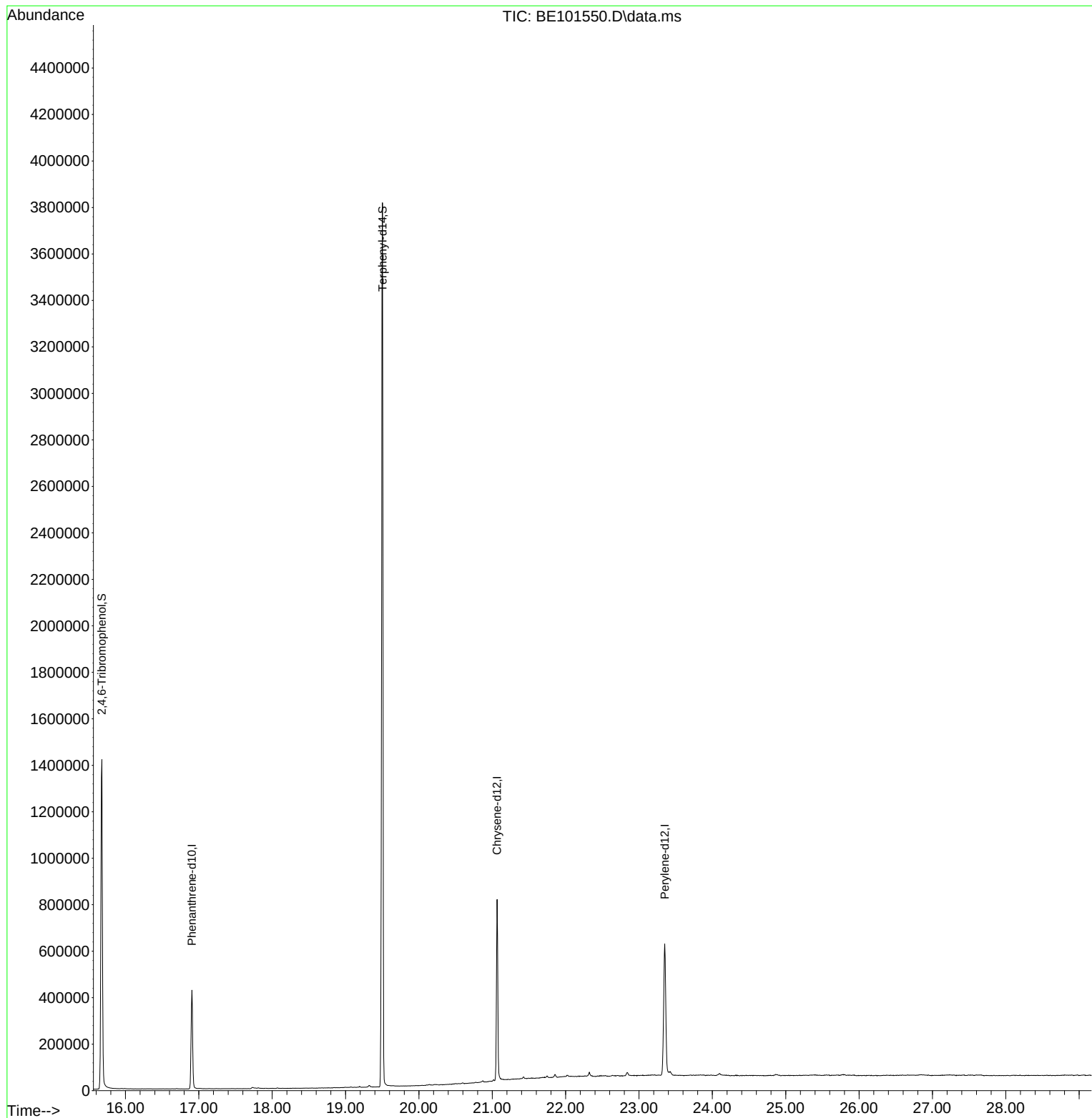
Quant Time: Nov 08 13:48:17 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_E\Methods\8270-BE110624.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Nov 07 00:01:20 2024  
Response via : Initial Calibration

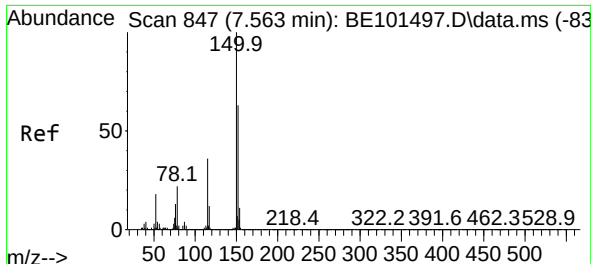


Data Path : Z:\svoasrv\HPCHEM1\BNA\_E\Data\BE110824\  
Data File : BE101550.D  
Acq On : 8 Nov 2024 13:56  
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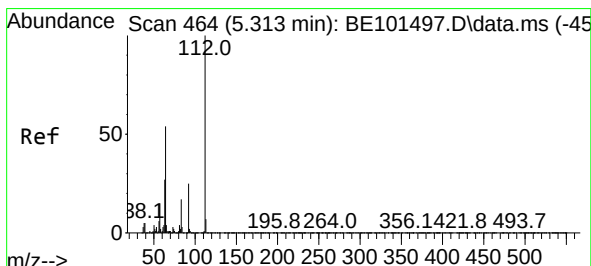
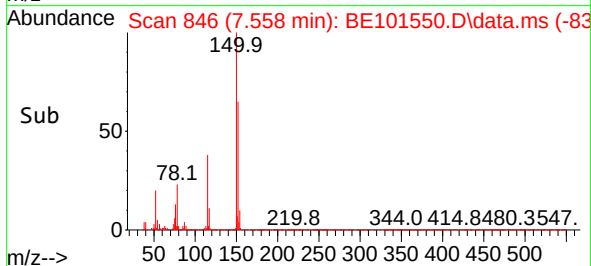
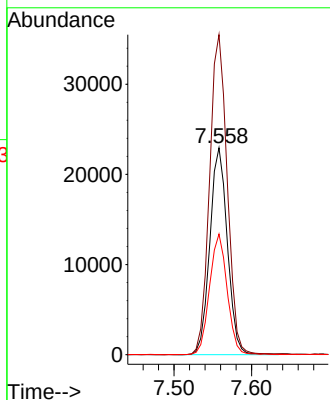
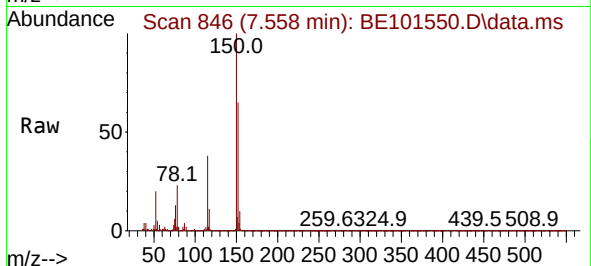




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.558 min Scan# 84  
Delta R.T. -0.005 min  
Lab File: BE101550.D  
Acq: 8 Nov 2024 13:56

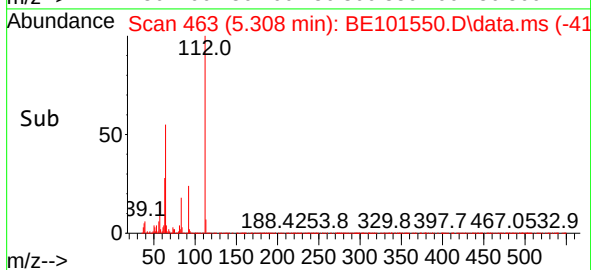
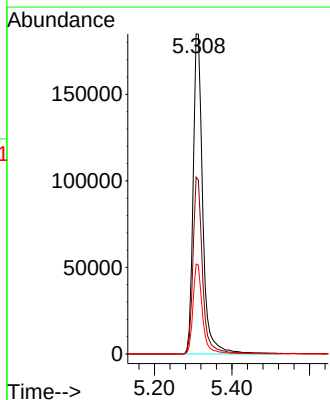
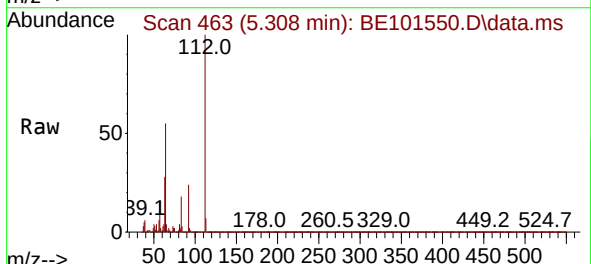
Instrument :  
BNA\_E  
ClientSampleId :  
Z-04

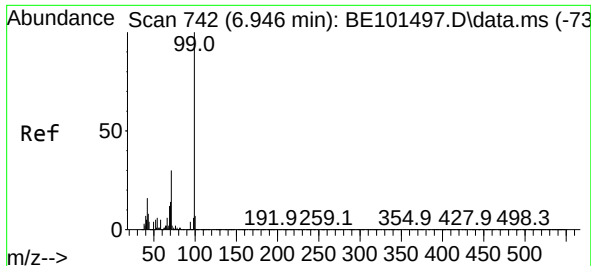
Tgt Ion:152 Resp: 36100  
Ion Ratio Lower Upper  
152 100  
150 154.7 126.3 189.5  
115 58.3 45.0 67.4



#5  
2-Fluorophenol  
Concen: 155.894 ng  
RT: 5.308 min Scan# 463  
Delta R.T. -0.005 min  
Lab File: BE101550.D  
Acq: 8 Nov 2024 13:56

Tgt Ion:112 Resp: 318281  
Ion Ratio Lower Upper  
112 100  
64 55.3 43.2 64.8  
63 28.1 21.8 32.6

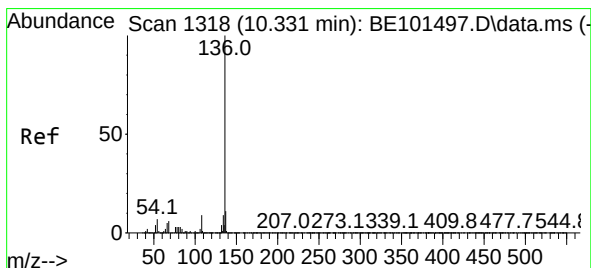
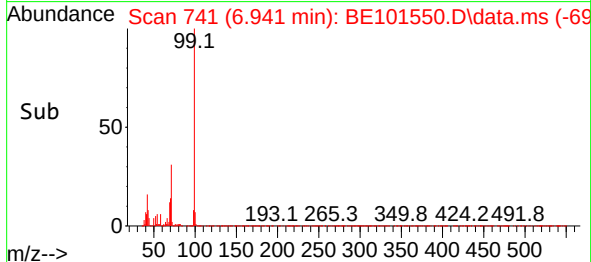
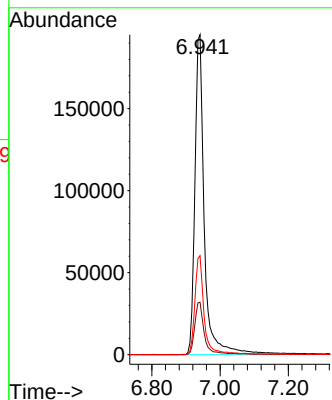
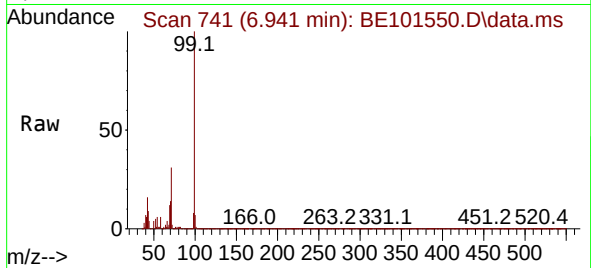




#7  
Phenol-d6  
Concen: 134.240 ng  
RT: 6.941 min Scan# 741  
Delta R.T. -0.005 min  
Lab File: BE101550.D  
Acq: 8 Nov 2024 13:56

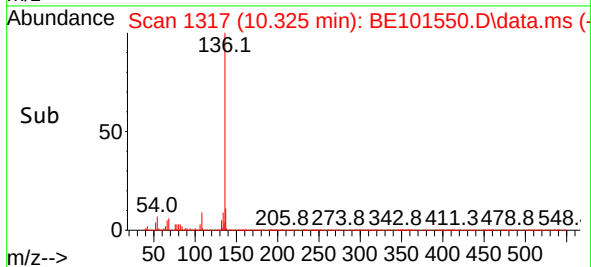
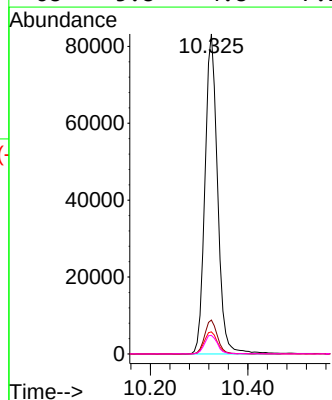
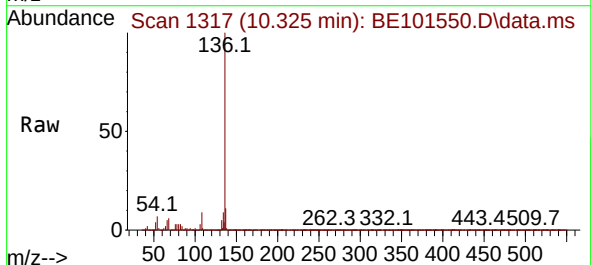
Instrument :  
BNA\_E  
ClientSampleId :  
Z-04

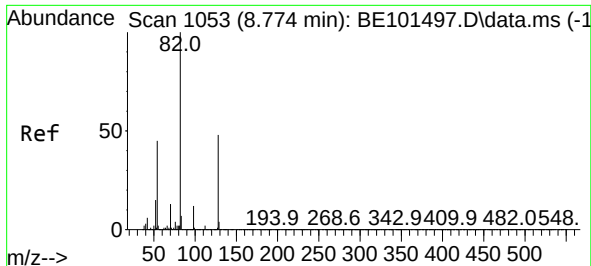
Tgt Ion: 99 Resp: 375774  
Ion Ratio Lower Upper  
99 100  
42 16.4 12.5 18.7  
71 30.9 24.2 36.2



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.325 min Scan# 1317  
Delta R.T. -0.005 min  
Lab File: BE101550.D  
Acq: 8 Nov 2024 13:56

Tgt Ion: 136 Resp: 148758  
Ion Ratio Lower Upper  
136 100  
137 10.6 8.6 13.0  
54 6.9 5.6 8.4  
68 5.8 4.8 7.2

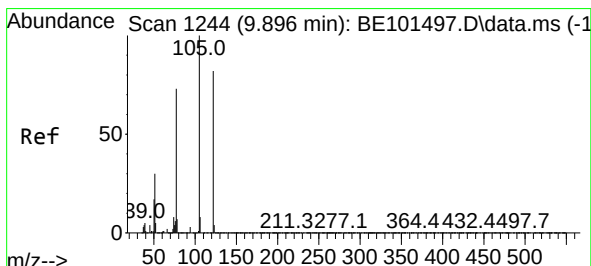
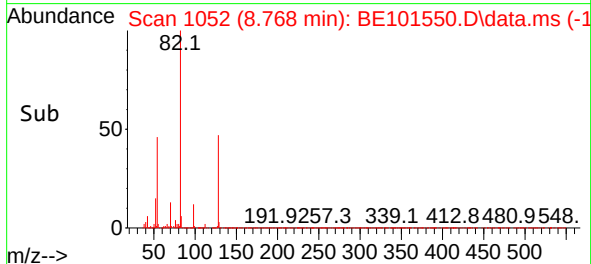
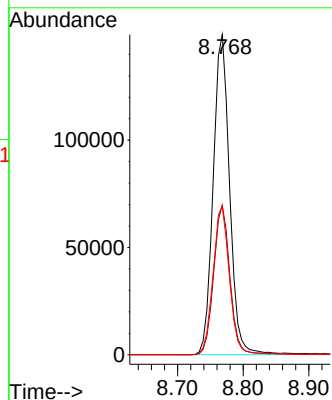
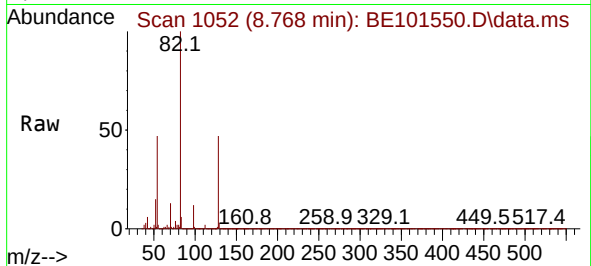




#23  
Nitrobenzene-d5  
Concen: 109.854 ng  
RT: 8.768 min Scan# 1052  
Delta R.T. -0.005 min  
Lab File: BE101550.D  
Acq: 8 Nov 2024 13:56

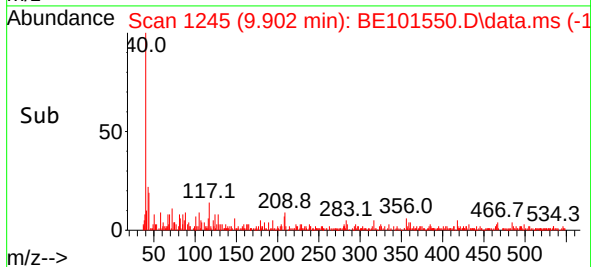
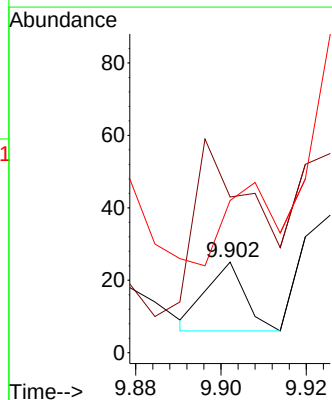
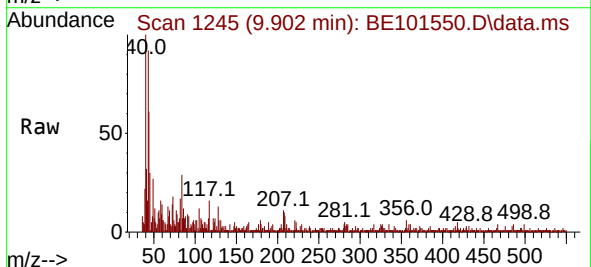
Instrument :  
BNA\_E  
ClientSampleId :  
Z-04

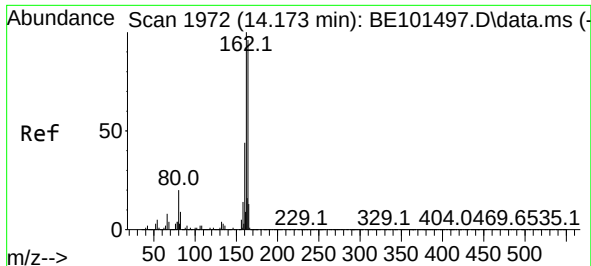
Tgt Ion: 82 Resp: 258715  
Ion Ratio Lower Upper  
82 100  
128 46.7 38.6 58.0  
54 46.5 36.3 54.5



#32  
Benzoic acid  
Concen: 6.841 ng  
RT: 9.902 min Scan# 1245  
Delta R.T. 0.006 min  
Lab File: BE101550.D  
Acq: 8 Nov 2024 13:56

Tgt Ion: 122 Resp: 12  
Ion Ratio Lower Upper  
122 100  
105 138.7 100.6 140.6  
77 135.5 68.6 108.6#

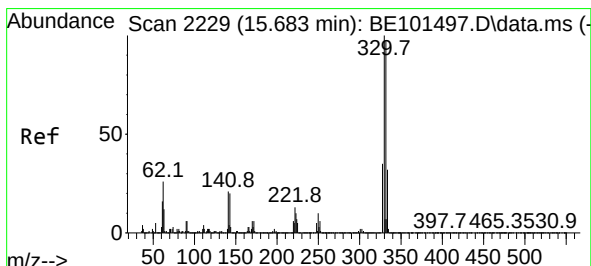
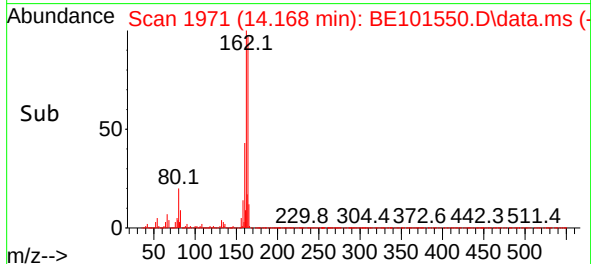
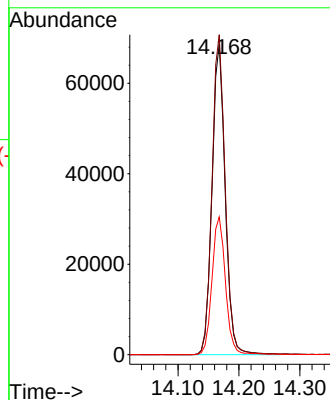
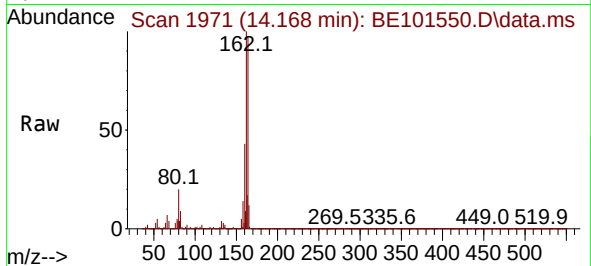




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.168 min Scan# 1972  
Delta R.T. -0.005 min  
Lab File: BE101550.D  
Acq: 8 Nov 2024 13:56

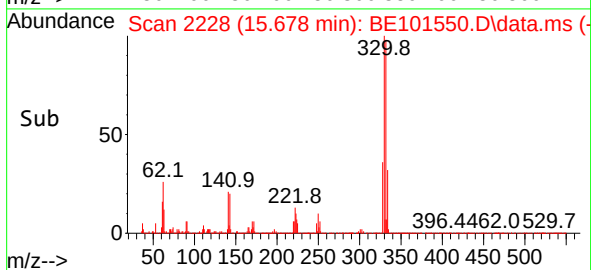
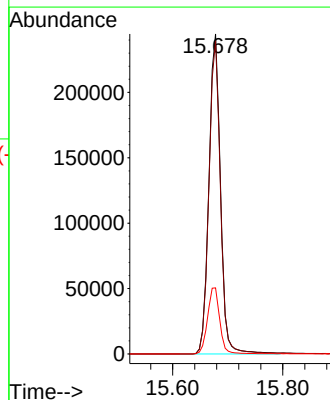
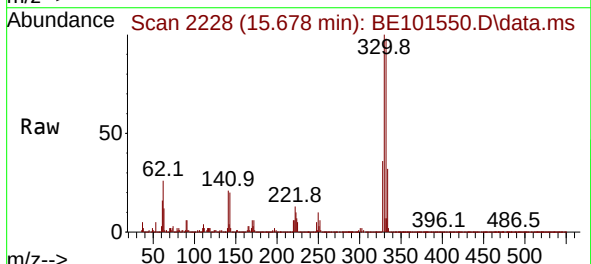
Instrument :  
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ClientSampleId :  
Z-04

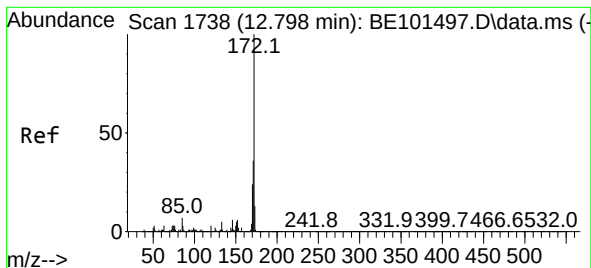
Tgt Ion:164 Resp: 102994  
Ion Ratio Lower Upper  
164 100  
162 102.9 83.7 125.5  
160 44.3 37.1 55.7



#42  
2,4,6-Tribromophenol  
Concen: 184.275 ng  
RT: 15.678 min Scan# 2228  
Delta R.T. -0.005 min  
Lab File: BE101550.D  
Acq: 8 Nov 2024 13:56

Tgt Ion:330 Resp: 357131  
Ion Ratio Lower Upper  
330 100  
332 96.9 77.7 116.5  
141 21.9 17.0 25.4

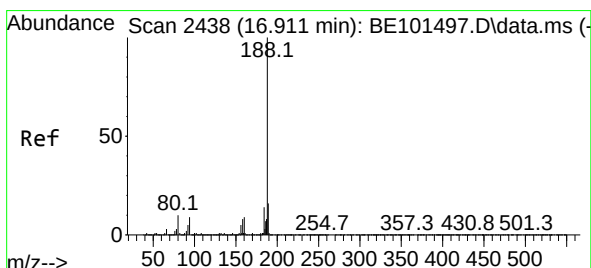
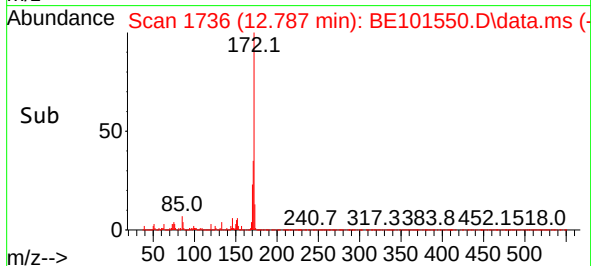
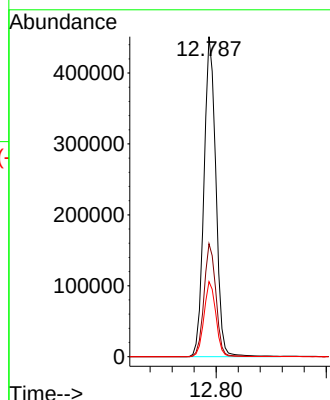
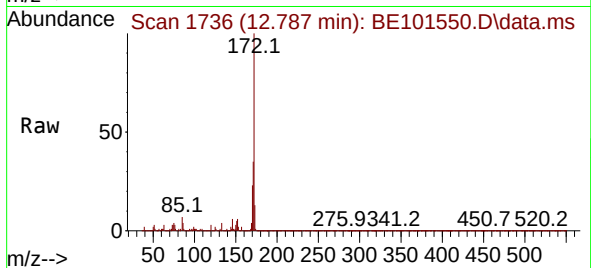




#45  
2-Fluorobiphenyl  
Concen: 107.594 ng  
RT: 12.787 min Scan# 1736  
Delta R.T. -0.011 min  
Lab File: BE101550.D  
Acq: 8 Nov 2024 13:56

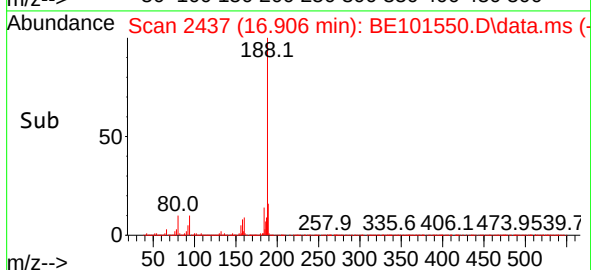
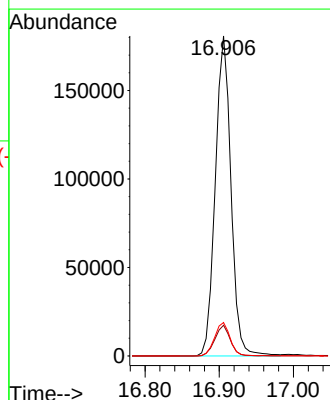
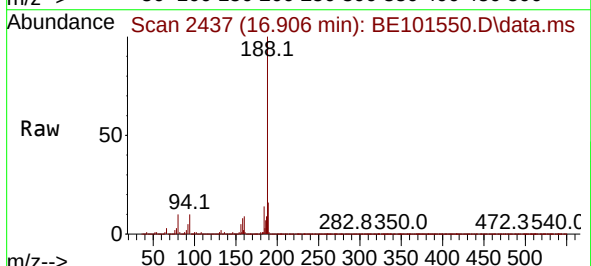
Instrument :  
BNA\_E  
ClientSampleId :  
Z-04

Tgt Ion:172 Resp: 678682  
Ion Ratio Lower Upper  
172 100  
171 35.3 28.6 43.0  
170 23.4 18.9 28.3

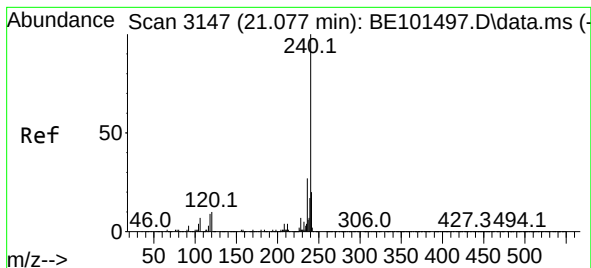


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 16.906 min Scan# 2437  
Delta R.T. -0.005 min  
Lab File: BE101550.D  
Acq: 8 Nov 2024 13:56

Tgt Ion:188 Resp: 264891  
Ion Ratio Lower Upper  
188 100  
94 9.6 7.4 11.2  
80 10.5 8.0 12.0







#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.066 min Scan# 3147

Delta R.T. -0.011 min

Lab File: BE101550.D

Acq: 8 Nov 2024 13:56

Instrument :

BNA\_E

ClientSampleId :

Z-04

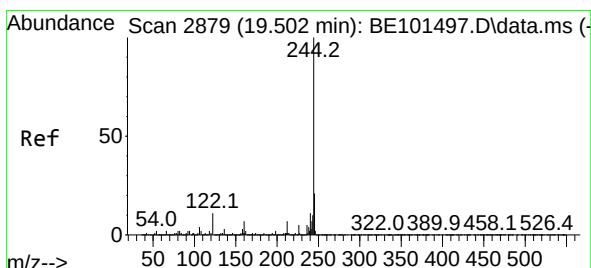
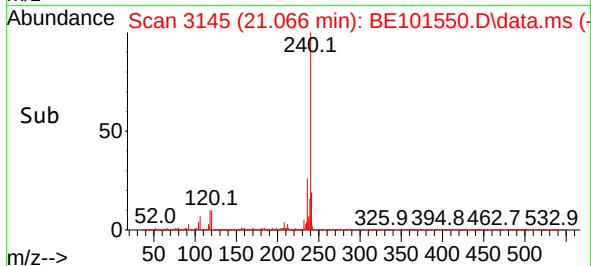
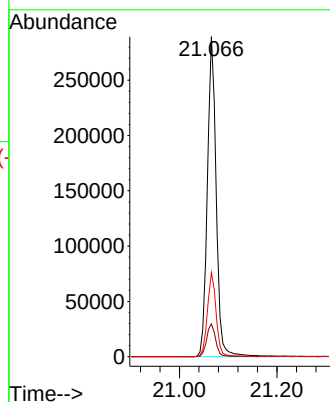
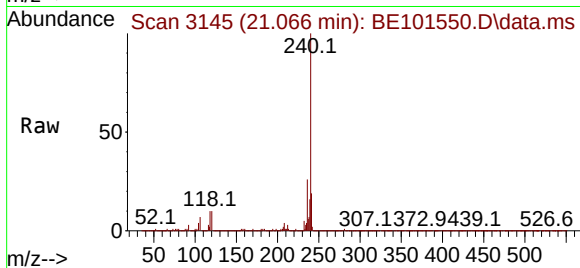
Tgt Ion:240 Resp: 363180

Ion Ratio Lower Upper

240 100

120 10.3 8.2 12.4

236 26.3 21.4 32.2



#79

Terphenyl-d14

Concen: 119.479 ng

RT: 19.503 min Scan# 2879

Delta R.T. 0.000 min

Lab File: BE101550.D

Acq: 8 Nov 2024 13:56

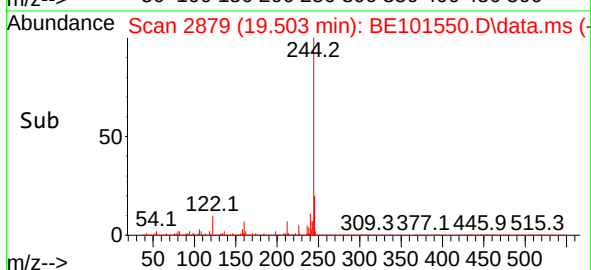
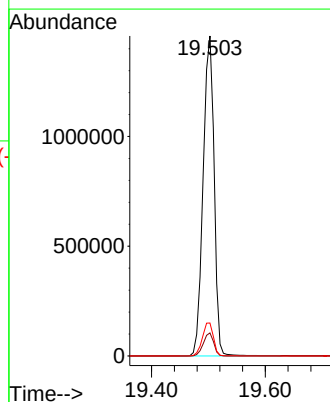
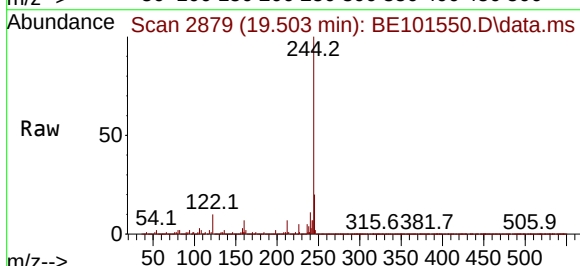
Tgt Ion:244 Resp: 1960302

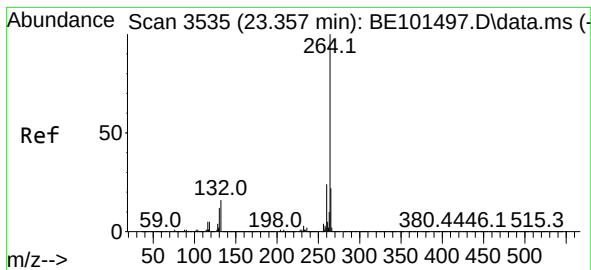
Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

122 10.3 8.4 12.6





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.351 min Scan# 3

Delta R.T. -0.005 min

Lab File: BE101550.D

Acq: 8 Nov 2024 13:56

Instrument :

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ClientSampleId :

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Tgt Ion:264 Resp: 458354

Ion Ratio Lower Upper

264 100

260 24.0 19.4 29.2

265 21.8 17.4 26.2

