

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP052325\  
 Data File : BP024796.D  
 Acq On : 23 May 2025 17:09  
 Operator : RC/JU  
 Sample : Q2094-02  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 COMP-2

Quant Time: May 23 17:45:58 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP051325.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue May 13 16:21:39 2025  
 Response via : Initial Calibration

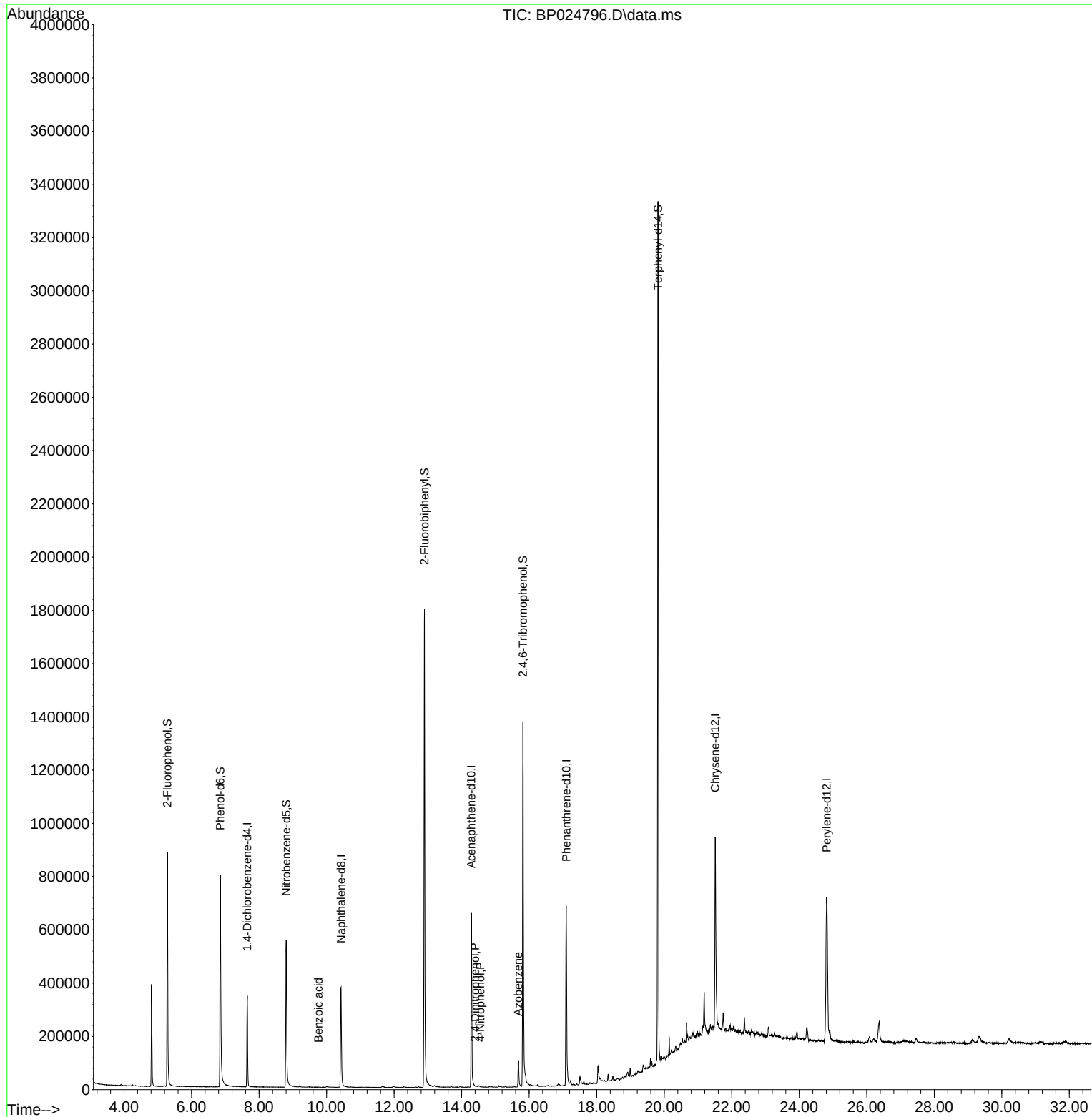
| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min)   |
|-----------------------------|--------|------|----------|--------|-------|------------|
| -----                       |        |      |          |        |       |            |
| Internal Standards          |        |      |          |        |       |            |
| 1) 1,4-Dichlorobenzene-d4   | 7.652  | 152  | 93665    | 20.000 | ng    | -0.01      |
| 21) Naphthalene-d8          | 10.428 | 136  | 372734   | 20.000 | ng    | 0.00       |
| 39) Acenaphthene-d10        | 14.286 | 164  | 262071   | 20.000 | ng    | -0.02      |
| 64) Phenanthrene-d10        | 17.098 | 188  | 528215   | 20.000 | ng    | 0.00       |
| 76) Chrysene-d12            | 21.510 | 240  | 584739   | 20.000 | ng    | -0.01      |
| 86) Perylene-d12            | 24.809 | 264  | 753304   | 20.000 | ng    | 0.00       |
| System Monitoring Compounds |        |      |          |        |       |            |
| 5) 2-Fluorophenol           | 5.281  | 112  | 426133   | 77.814 | ng    | 0.00       |
| 7) Phenol-d6                | 6.852  | 99   | 541752   | 77.512 | ng    | 0.00       |
| 23) Nitrobenzene-d5         | 8.804  | 82   | 349242   | 47.342 | ng    | 0.00       |
| 42) 2,4,6-Tribromophenol    | 15.816 | 330  | 387477   | 87.213 | ng    | 0.00       |
| 45) 2-Fluorobiphenyl        | 12.898 | 172  | 1055012  | 52.741 | ng    | 0.00       |
| 79) Terphenyl-d14           | 19.816 | 244  | 1952619  | 57.259 | ng    | 0.00       |
| Target Compounds            |        |      |          |        |       |            |
| 32) Benzoic acid            | 9.757  | 122  | 31       | 7.475  | ng    | Qvalue # 1 |
| 54) 2,4-Dinitrophenol       | 14.398 | 184  | 11       | 6.405  | ng    | 92         |
| 56) 4-Nitrophenol           | 14.551 | 139  | 83       | 4.255  | ng    | # 58       |
| 63) Azobenzene              | 15.681 | 77   | 36891    | 2.136  | ng    | # 1        |
| -----                       |        |      |          |        |       |            |

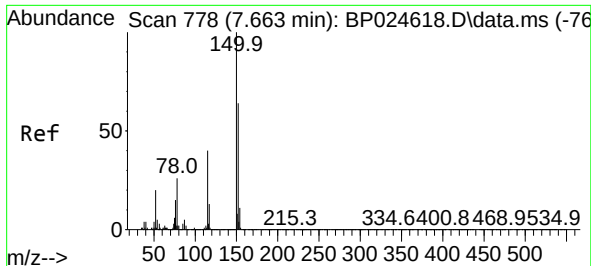
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP052325\  
Data File : BP024796.D  
Acq On : 23 May 2025 17:09  
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Sample : Q2094-02  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
COMP-2

Quant Time: May 23 17:45:58 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP051325.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue May 13 16:21:39 2025  
Response via : Initial Calibration

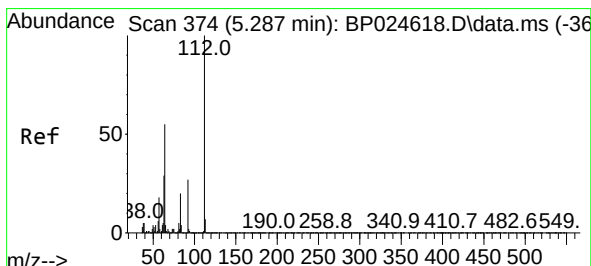
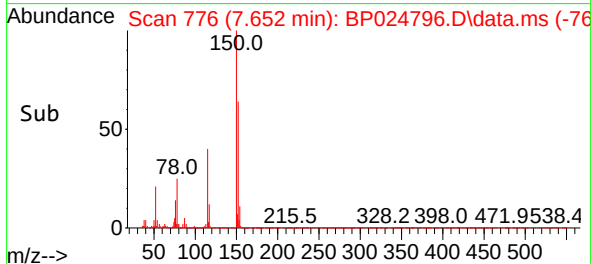
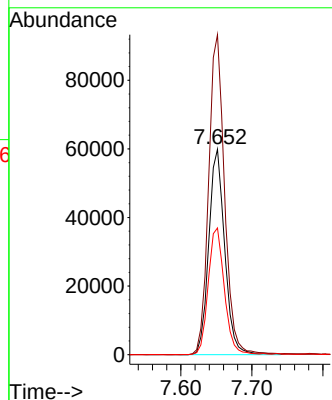
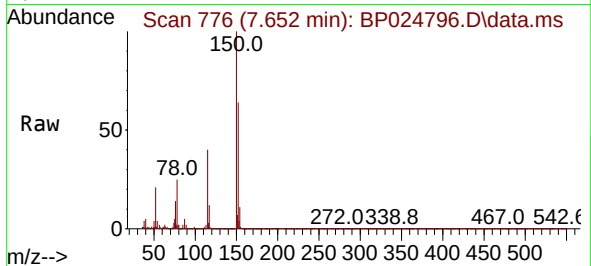




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.652 min Scan# 71  
Delta R.T. -0.011 min  
Lab File: BP024796.D  
Acq: 23 May 2025 17:09

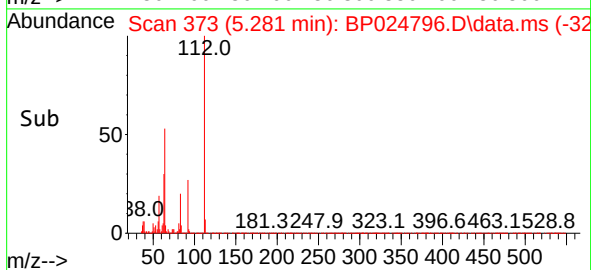
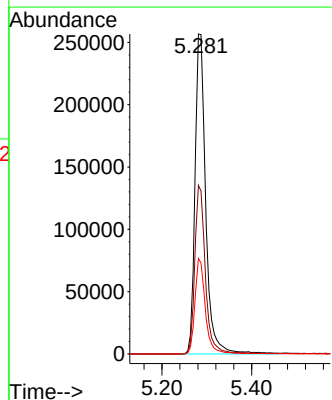
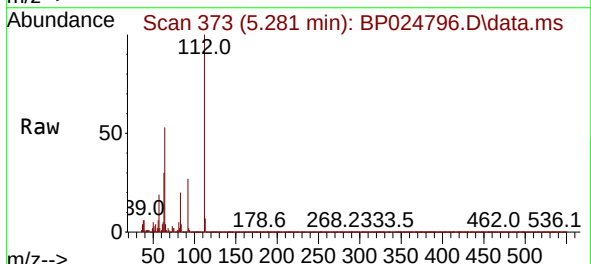
Instrument :  
BNA\_P  
ClientSampleId :  
COMP-2

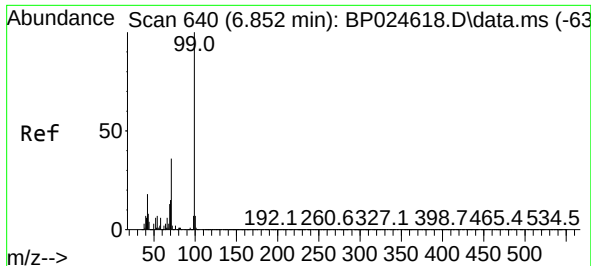
Tgt Ion:152 Resp: 93665  
Ion Ratio Lower Upper  
152 100  
150 155.7 125.9 188.9  
115 61.7 50.1 75.1



#5  
2-Fluorophenol  
Concen: 77.814 ng  
RT: 5.281 min Scan# 373  
Delta R.T. -0.006 min  
Lab File: BP024796.D  
Acq: 23 May 2025 17:09

Tgt Ion:112 Resp: 426133  
Ion Ratio Lower Upper  
112 100  
64 52.7 44.1 66.1  
63 29.9 23.5 35.3

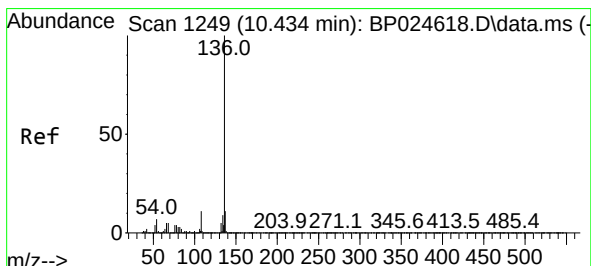
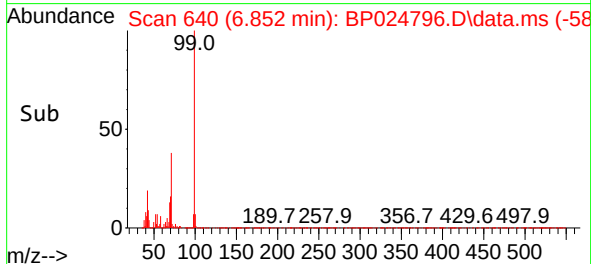
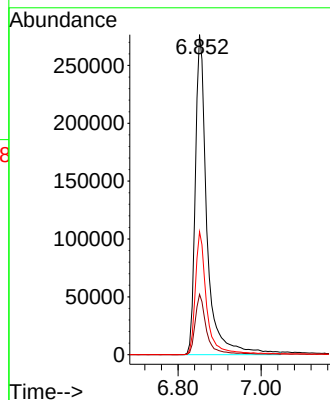
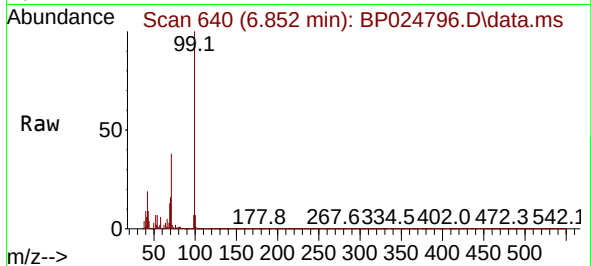




#7  
Phenol-d6  
Concen: 77.512 ng  
RT: 6.852 min Scan# 64  
Delta R.T. -0.000 min  
Lab File: BP024796.D  
Acq: 23 May 2025 17:09

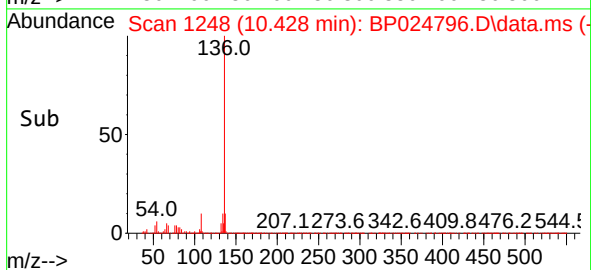
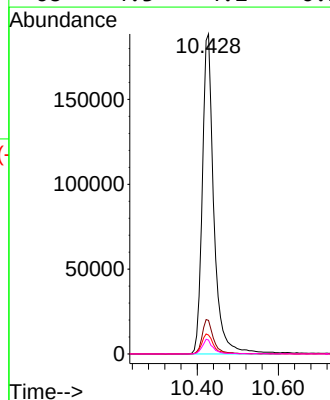
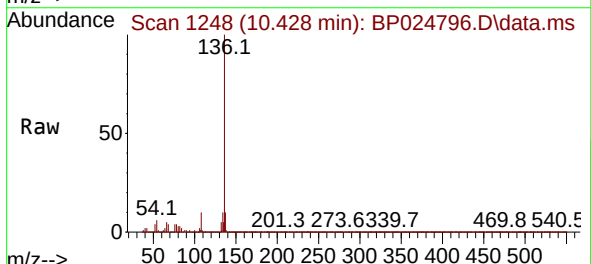
Instrument :  
BNA\_P  
ClientSampleId :  
COMP-2

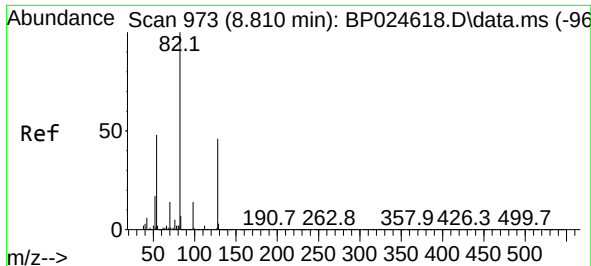
Tgt Ion: 99 Resp: 541752  
Ion Ratio Lower Upper  
99 100  
42 18.8 14.4 21.6  
71 38.4 29.2 43.8



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.428 min Scan# 1248  
Delta R.T. -0.006 min  
Lab File: BP024796.D  
Acq: 23 May 2025 17:09

Tgt Ion:136 Resp: 372734  
Ion Ratio Lower Upper  
136 100  
137 10.5 8.8 13.2  
54 5.9 5.5 8.3  
68 4.3 4.2 6.2

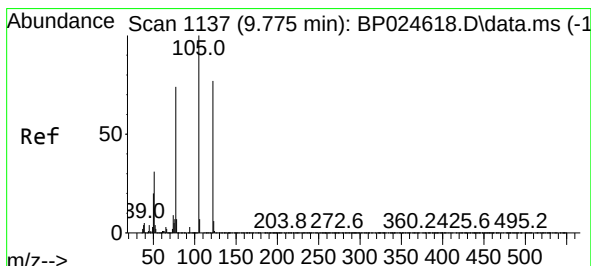
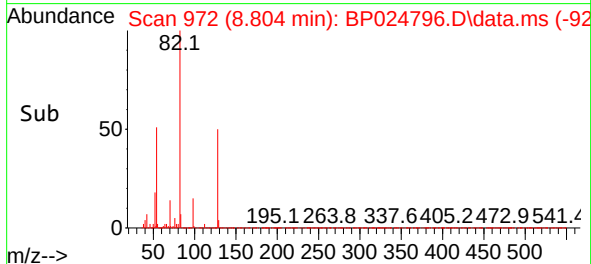
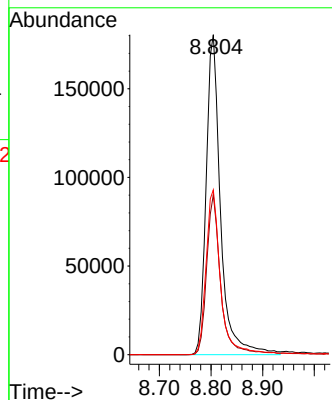
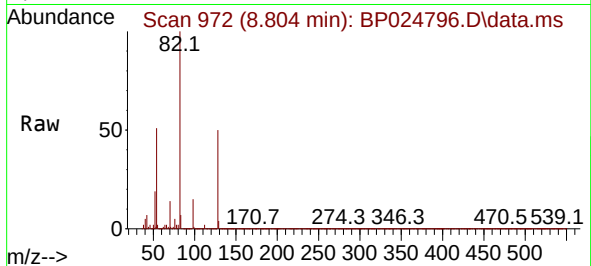




#23  
Nitrobenzene-d5  
Concen: 47.342 ng  
RT: 8.804 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: BP024796.D  
Acq: 23 May 2025 17:09

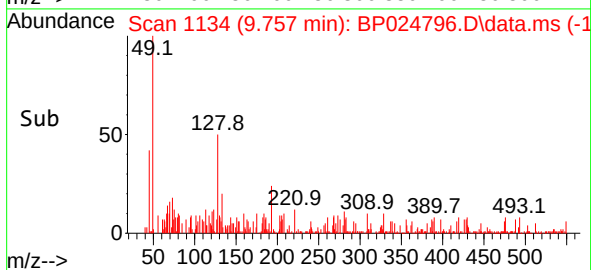
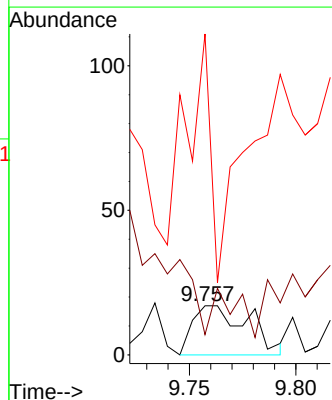
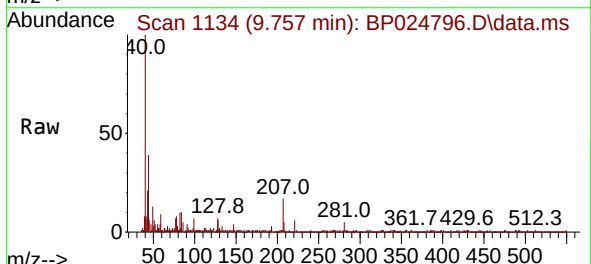
Instrument :  
BNA\_P  
ClientSampleId :  
COMP-2

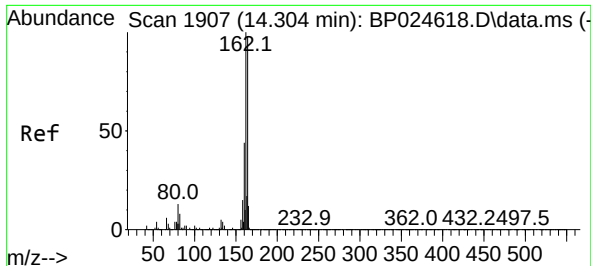
Tgt Ion: 82 Resp: 349242  
Ion Ratio Lower Upper  
82 100  
128 50.0 37.0 55.4  
54 51.5 38.7 58.1



#32  
Benzoic acid  
Concen: 7.475 ng  
RT: 9.757 min Scan# 1134  
Delta R.T. -0.018 min  
Lab File: BP024796.D  
Acq: 23 May 2025 17:09

Tgt Ion: 122 Resp: 31  
Ion Ratio Lower Upper  
122 100  
105 158.8 106.9 146.9#  
77 652.9 75.1 115.1#

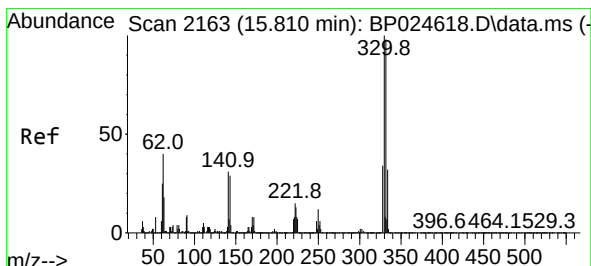
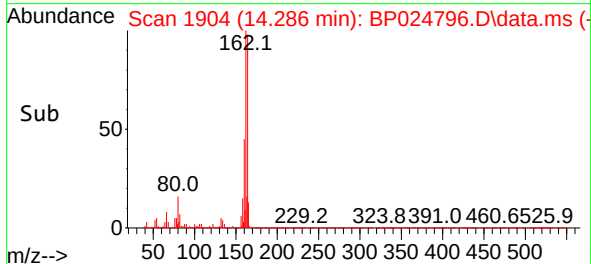
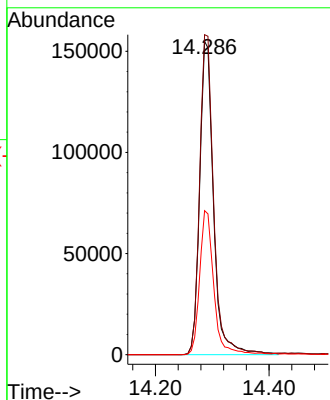
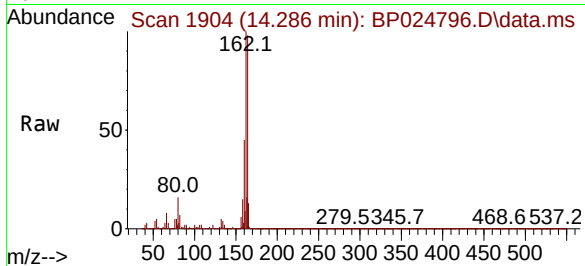




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.286 min Scan# 1904  
Delta R.T. -0.018 min  
Lab File: BP024796.D  
Acq: 23 May 2025 17:09

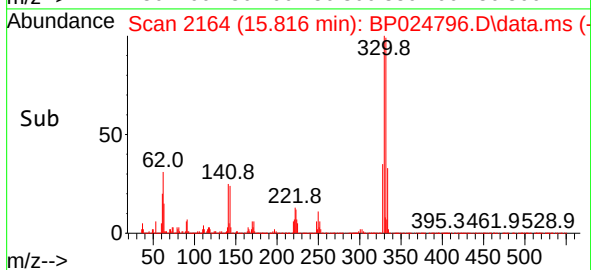
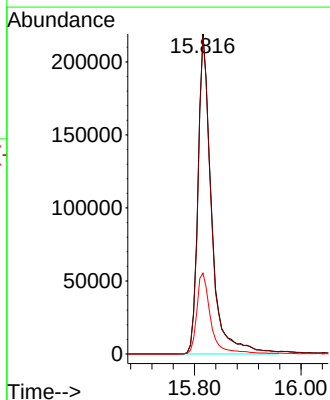
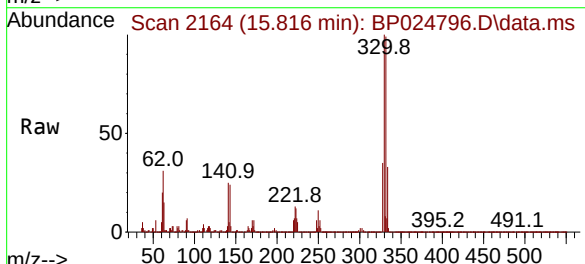
Instrument :  
BNA\_P  
ClientSampleId :  
COMP-2

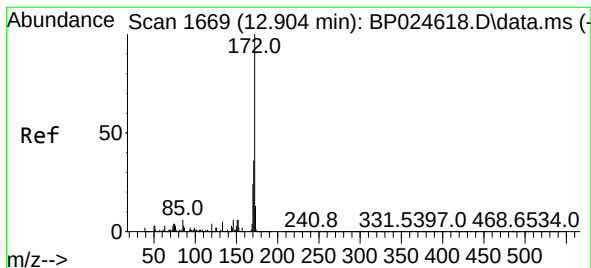
Tgt Ion:164 Resp: 262071  
Ion Ratio Lower Upper  
164 100  
162 102.1 81.8 122.6  
160 46.0 36.3 54.5



#42  
2,4,6-Tribromophenol  
Concen: 87.213 ng  
RT: 15.816 min Scan# 2164  
Delta R.T. 0.006 min  
Lab File: BP024796.D  
Acq: 23 May 2025 17:09

Tgt Ion:330 Resp: 387477  
Ion Ratio Lower Upper  
330 100  
332 98.2 78.2 117.4  
141 26.3 24.3 36.5

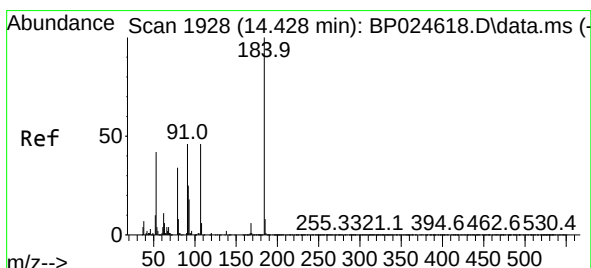
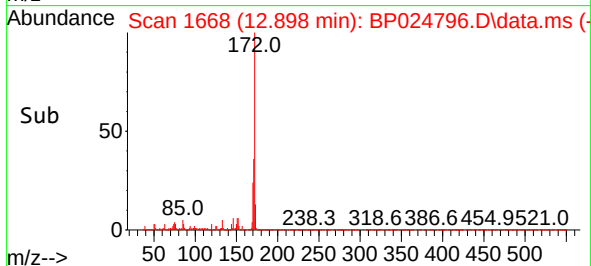
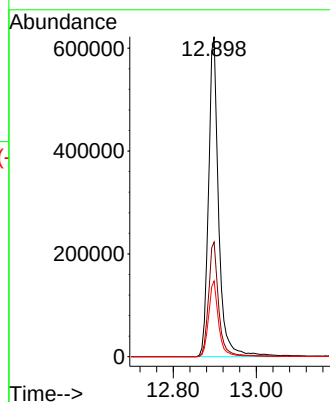
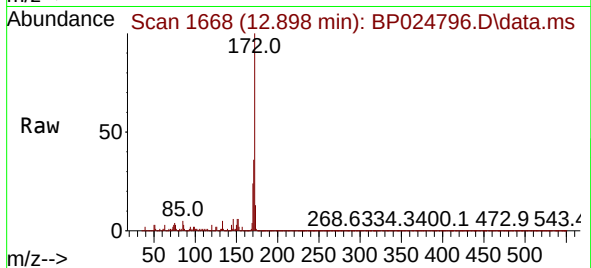




#45  
2-Fluorobiphenyl  
Concen: 52.741 ng  
RT: 12.898 min Scan# 1  
Delta R.T. -0.006 min  
Lab File: BP024796.D  
Acq: 23 May 2025 17:09

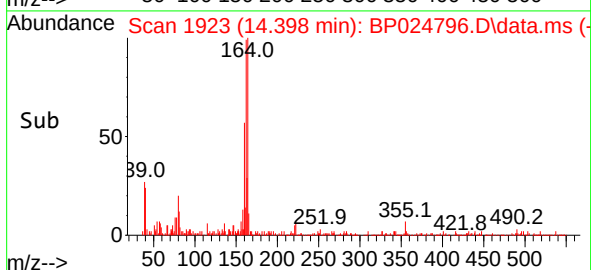
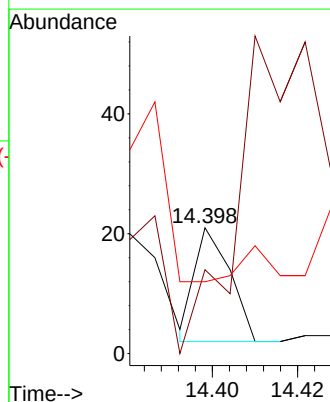
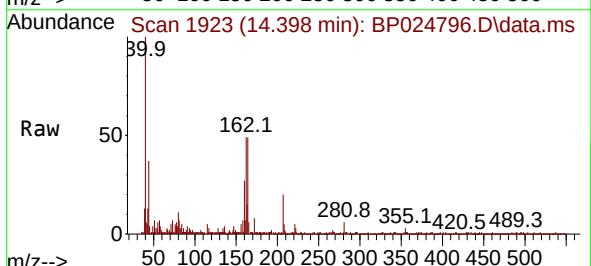
Instrument :  
BNA\_P  
ClientSampleId :  
COMP-2

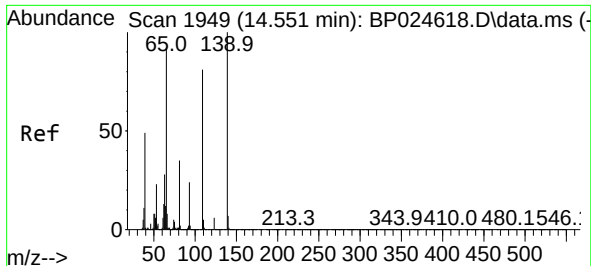
Tgt Ion:172 Resp: 1055012  
Ion Ratio Lower Upper  
172 100  
171 35.8 28.8 43.2  
170 23.7 18.8 28.2



#54  
2,4-Dinitrophenol  
Concen: 6.405 ng  
RT: 14.398 min Scan# 1923  
Delta R.T. -0.030 min  
Lab File: BP024796.D  
Acq: 23 May 2025 17:09

Tgt Ion:184 Resp: 11  
Ion Ratio Lower Upper  
184 100  
63 66.7 51.3 76.9  
154 57.1 53.5 80.3

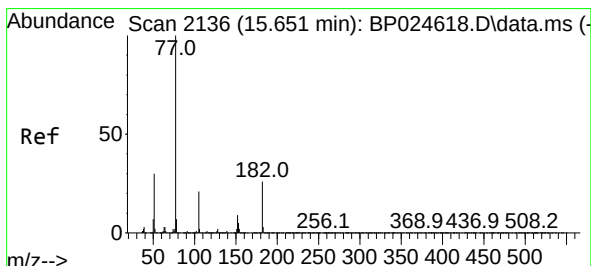
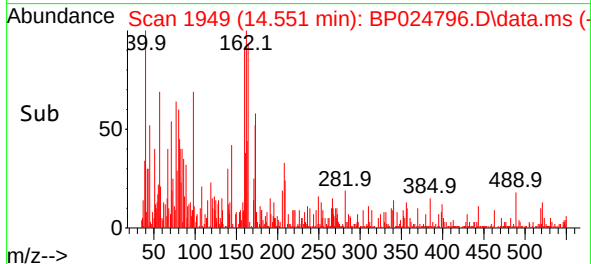
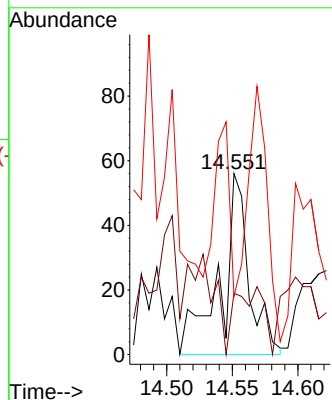
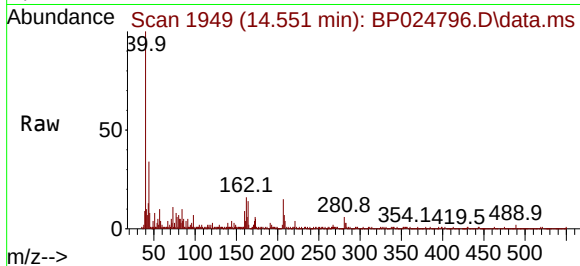




#56  
4-Nitrophenol  
Concen: 4.255 ng  
RT: 14.551 min Scan# 1949  
Delta R.T. 0.000 min  
Lab File: BP024796.D  
Acq: 23 May 2025 17:09

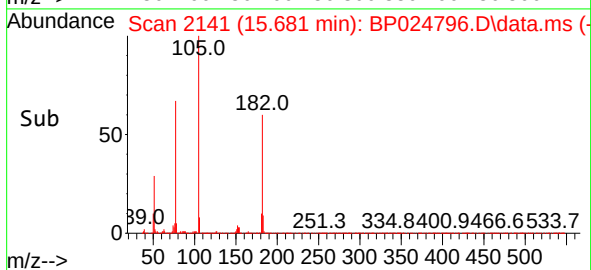
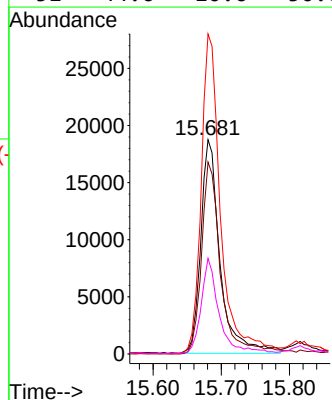
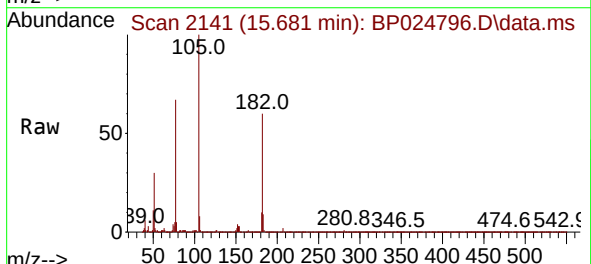
Instrument :  
BNA\_P  
ClientSampleId :  
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Tgt Ion:139 Resp: 83  
Ion Ratio Lower Upper  
139 100  
109 33.9 61.4 101.4#  
65 62.5 72.2 112.2#

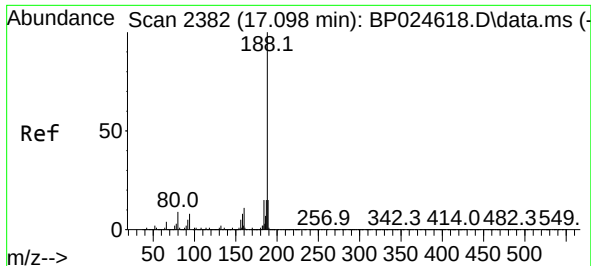


#63  
Azobenzene  
Concen: 2.136 ng  
RT: 15.681 min Scan# 2141  
Delta R.T. 0.029 min  
Lab File: BP024796.D  
Acq: 23 May 2025 17:09

Tgt Ion: 77 Resp: 36891  
Ion Ratio Lower Upper  
77 100  
182 89.6 5.7 45.7#  
105 149.3 1.3 41.3#  
51 44.6 10.6 50.6



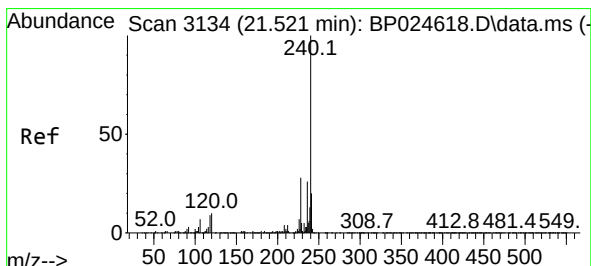
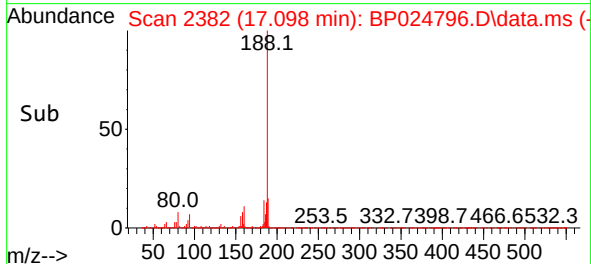
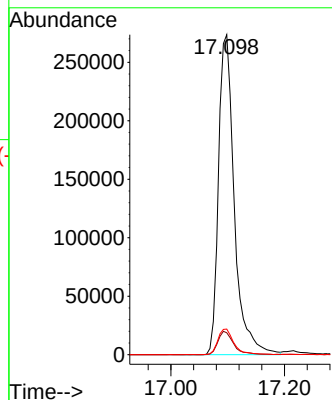
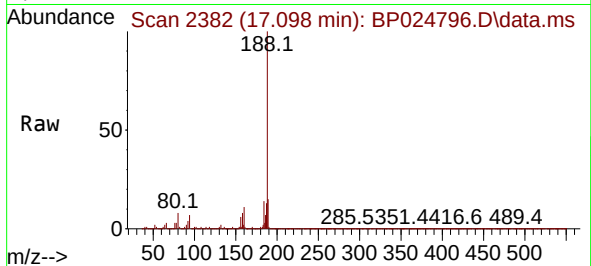




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.098 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: BP024796.D  
Acq: 23 May 2025 17:09

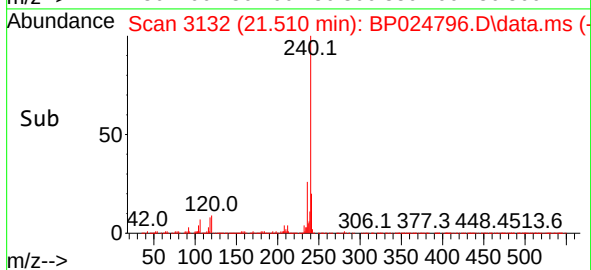
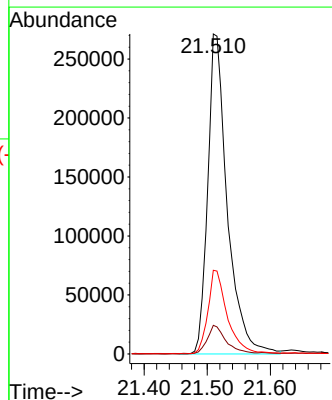
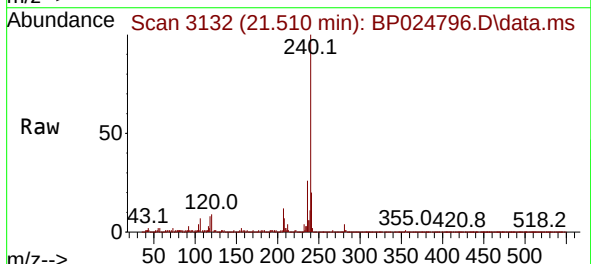
Instrument :  
BNA\_P  
ClientSampleId :  
COMP-2

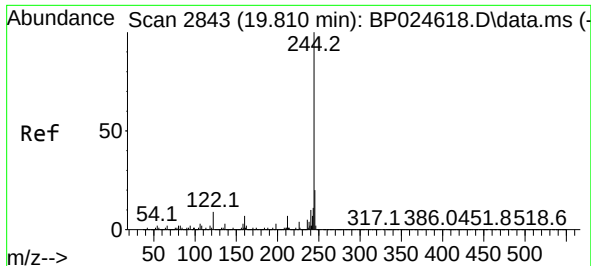
Tgt Ion:188 Resp: 528215  
Ion Ratio Lower Upper  
188 100  
94 6.8 6.5 9.7  
80 8.0 7.3 10.9



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.510 min Scan# 3132  
Delta R.T. -0.012 min  
Lab File: BP024796.D  
Acq: 23 May 2025 17:09

Tgt Ion:240 Resp: 584739  
Ion Ratio Lower Upper  
240 100  
120 9.0 7.8 11.6  
236 26.2 20.6 31.0

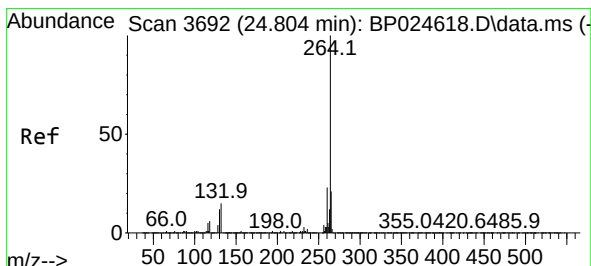
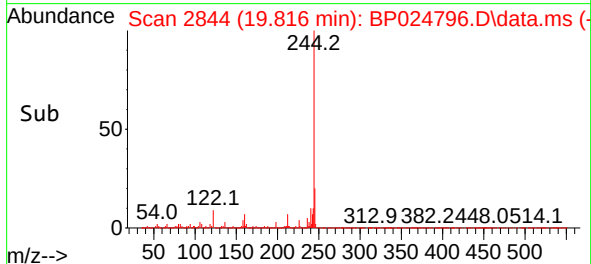
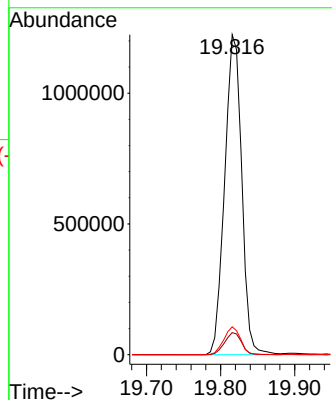
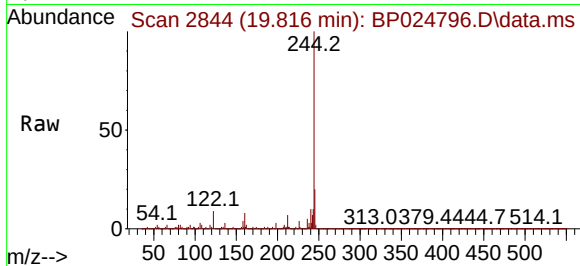




#79  
 Terphenyl-d14  
 Concen: 57.259 ng  
 RT: 19.816 min Scan# 21  
 Delta R.T. 0.006 min  
 Lab File: BP024796.D  
 Acq: 23 May 2025 17:09

Instrument :  
 BNA\_P  
 ClientSampleId :  
 COMP-2

Tgt Ion:244 Resp: 1952619  
 Ion Ratio Lower Upper  
 244 100  
 212 6.9 5.5 8.3  
 122 8.7 7.4 11.0



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 24.809 min Scan# 3693  
 Delta R.T. 0.006 min  
 Lab File: BP024796.D  
 Acq: 23 May 2025 17:09

Tgt Ion:264 Resp: 753304  
 Ion Ratio Lower Upper  
 264 100  
 260 22.8 18.7 28.1  
 265 21.4 17.0 25.6

