

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM041125\  
 Data File : BM049900.D  
 Acq On : 11 Apr 2025 14:18  
 Operator : RC/JU  
 Sample : Q1753-04  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 WC-1

Quant Time: Apr 11 14:58:50 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM040825.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Apr 09 04:00:55 2025  
 Response via : Initial Calibration

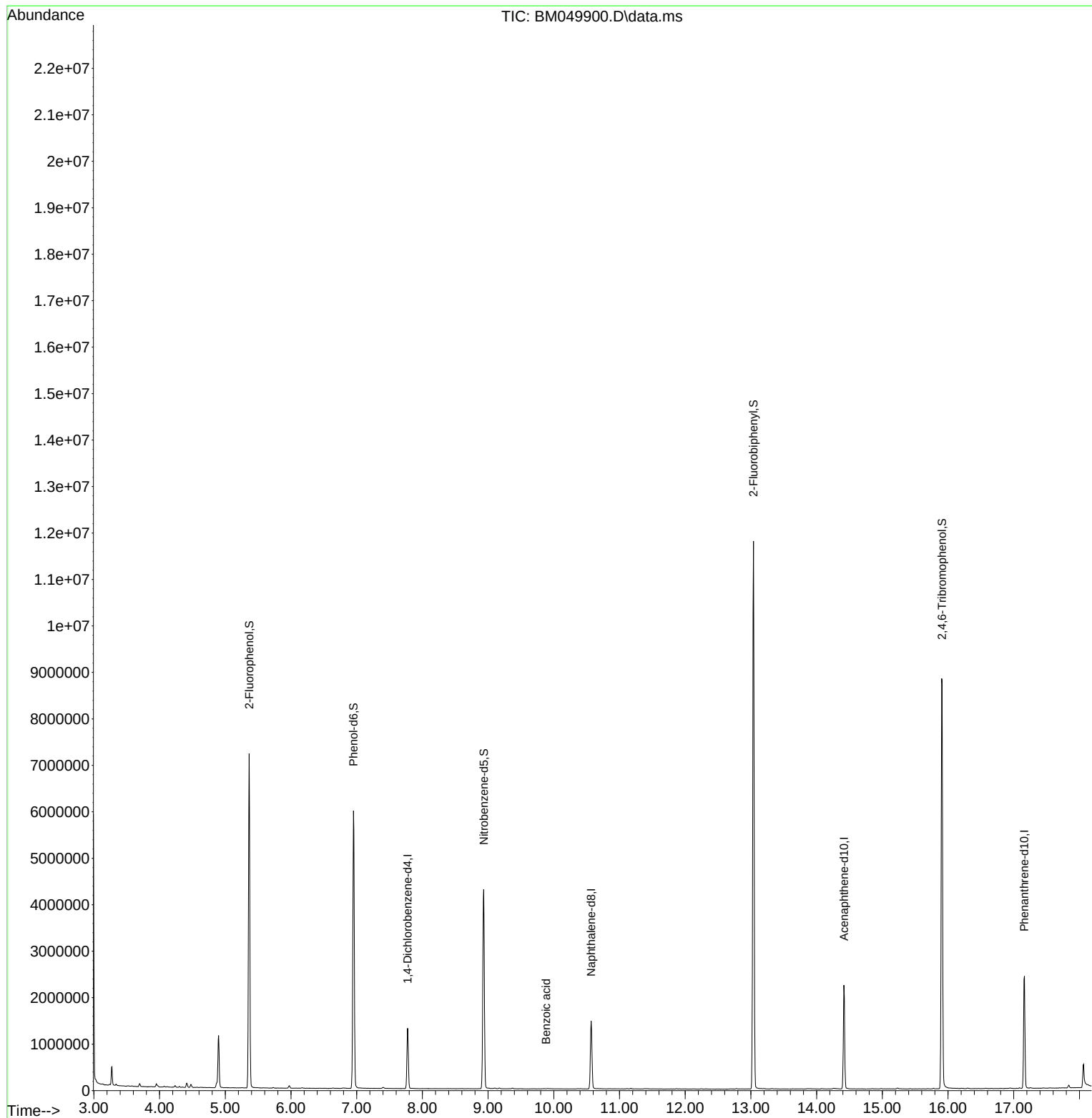
| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min)  |
|-----------------------------|--------|------|----------|---------|-------|-----------|
| -----                       |        |      |          |         |       |           |
| Internal Standards          |        |      |          |         |       |           |
| 1) 1,4-Dichlorobenzene-d4   | 7.775  | 152  | 372488   | 20.000  | ng    | 0.00      |
| 21) Naphthalene-d8          | 10.569 | 136  | 1259224  | 20.000  | ng    | 0.00      |
| 39) Acenaphthene-d10        | 14.416 | 164  | 792777   | 20.000  | ng    | 0.00      |
| 64) Phenanthrene-d10        | 17.163 | 188  | 1485571  | 20.000  | ng    | 0.00      |
| 76) Chrysene-d12            | 21.398 | 240  | 1295856  | 20.000  | ng    | 0.00      |
| 86) Perylene-d12            | 24.397 | 264  | 1363805  | 20.000  | ng    | -0.01     |
| System Monitoring Compounds |        |      |          |         |       |           |
| 5) 2-Fluorophenol           | 5.363  | 112  | 3164020  | 144.239 | ng    | 0.00      |
| 7) Phenol-d6                | 6.951  | 99   | 3562757  | 130.541 | ng    | 0.00      |
| 23) Nitrobenzene-d5         | 8.934  | 82   | 2487274  | 109.992 | ng    | 0.00      |
| 42) 2,4,6-Tribromophenol    | 15.910 | 330  | 1967380  | 170.613 | ng    | 0.00      |
| 45) 2-Fluorobiphenyl        | 13.039 | 172  | 6387041  | 109.248 | ng    | 0.00      |
| 79) Terphenyl-d14           | 19.786 | 244  | 9025998  | 130.533 | ng    | 0.00      |
| Target Compounds            |        |      |          |         |       |           |
| 32) Benzoic acid            | 9.881  | 122  | 818      | 8.580   | ng    | Qvalue 90 |
| -----                       |        |      |          |         |       |           |

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

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Sample : Q1753-04  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
WC-1

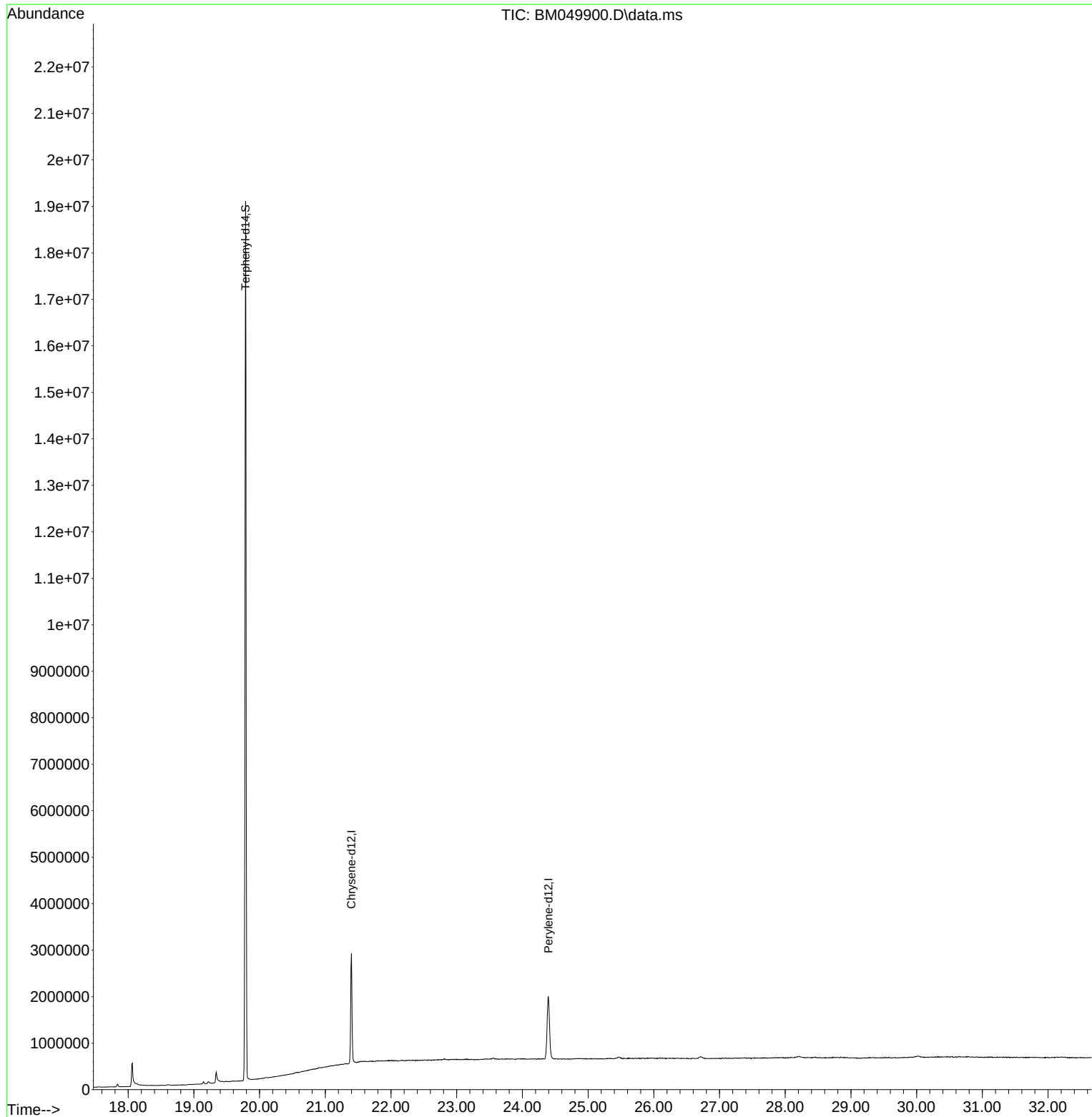
Quant Time: Apr 11 14:58:50 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM040825.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Apr 09 04:00:55 2025  
Response via : Initial Calibration

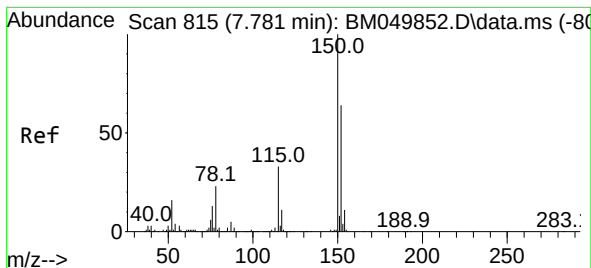


Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM041125\  
Data File : BM049900.D  
Acq On : 11 Apr 2025 14:18  
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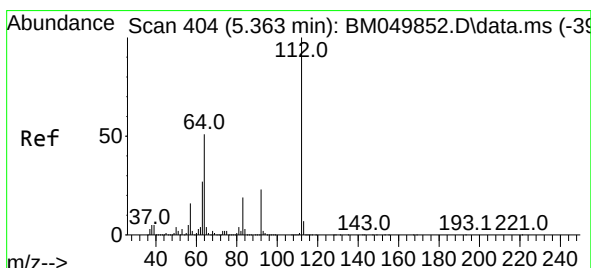
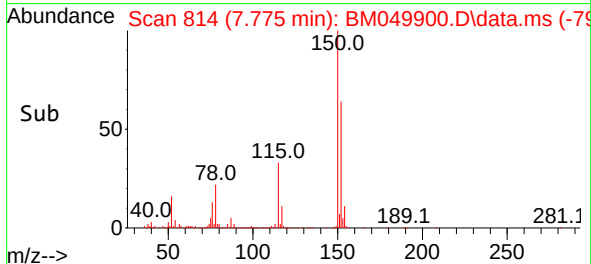
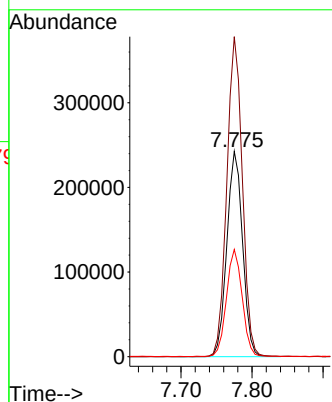
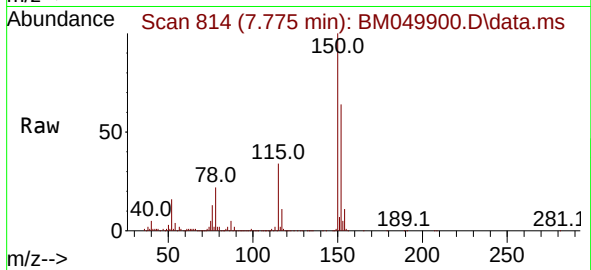




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.775 min Scan# 815  
Delta R.T. -0.006 min  
Lab File: BM049900.D  
Acq: 11 Apr 2025 14:18

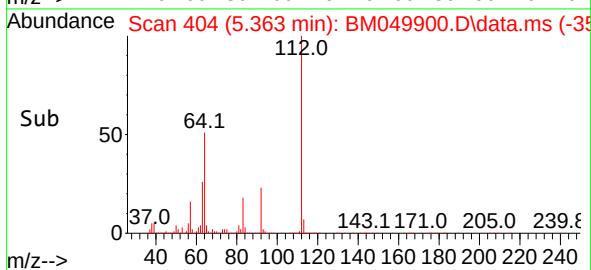
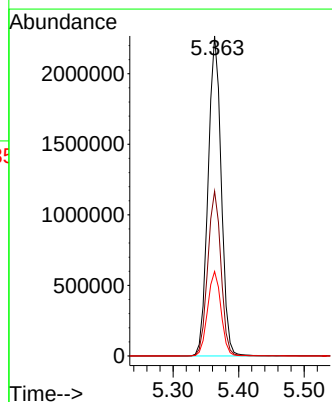
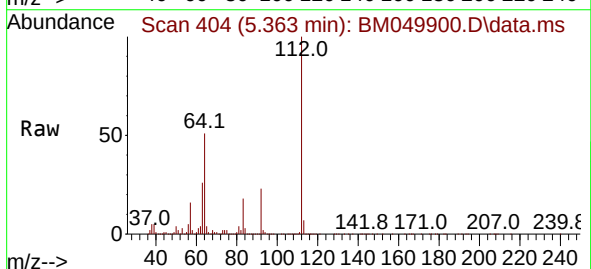
Instrument :  
BNA\_M  
ClientSampleId :  
WC-1

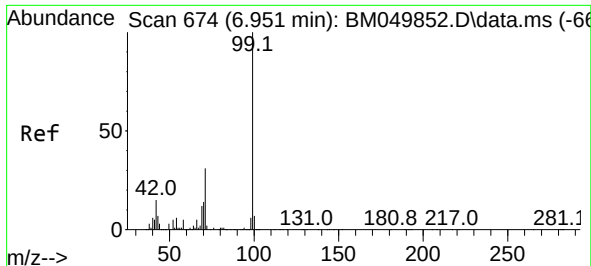
Tgt Ion:152 Resp: 372488  
Ion Ratio Lower Upper  
152 100  
150 155.9 124.3 186.5  
115 52.3 41.1 61.7



#5  
2-Fluorophenol  
Concen: 144.239 ng  
RT: 5.363 min Scan# 404  
Delta R.T. 0.000 min  
Lab File: BM049900.D  
Acq: 11 Apr 2025 14:18

Tgt Ion:112 Resp: 3164020  
Ion Ratio Lower Upper  
112 100  
64 51.5 41.0 61.6  
63 26.4 21.5 32.3

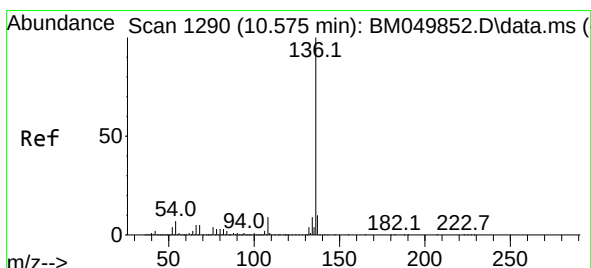
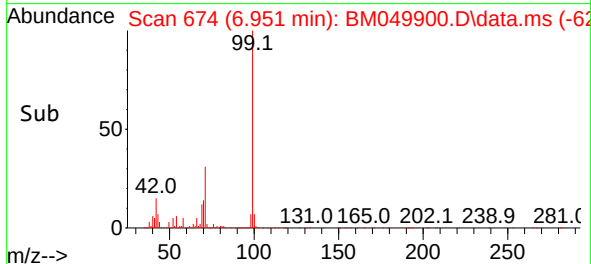
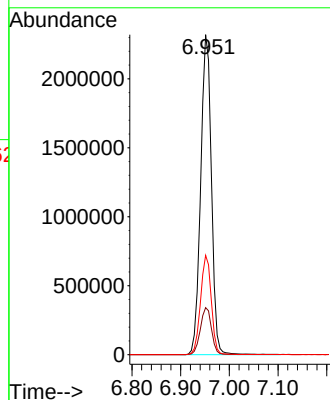
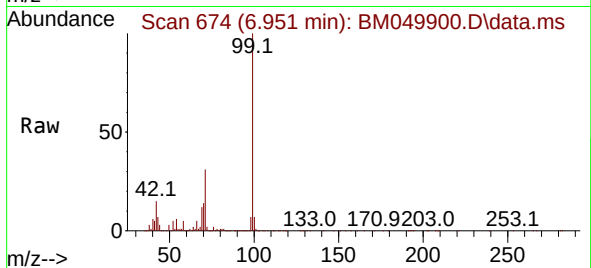




#7  
Phenol-d6  
Concen: 130.541 ng  
RT: 6.951 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: BM049900.D  
Acq: 11 Apr 2025 14:18

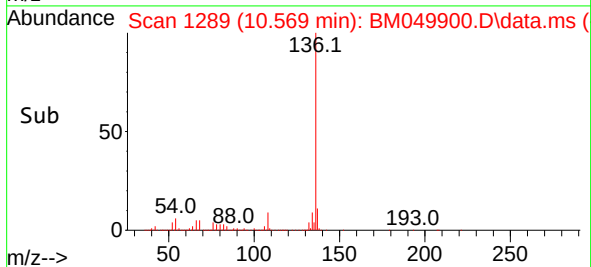
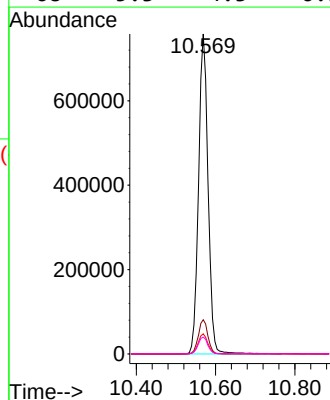
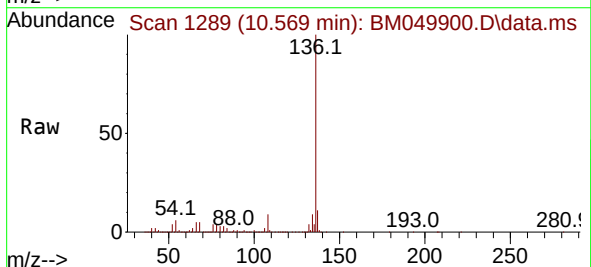
Instrument :  
BNA\_M  
ClientSampleId :  
WC-1

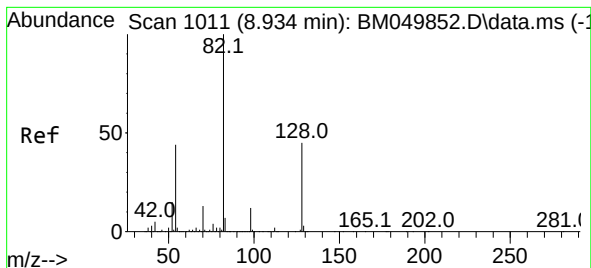
Tgt Ion: 99 Resp: 3562757  
Ion Ratio Lower Upper  
99 100  
42 14.7 12.1 18.1  
71 31.1 24.9 37.3



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.569 min Scan# 1289  
Delta R.T. -0.006 min  
Lab File: BM049900.D  
Acq: 11 Apr 2025 14:18

Tgt Ion: 136 Resp: 1259224  
Ion Ratio Lower Upper  
136 100  
137 10.7 8.4 12.6  
54 6.3 5.3 7.9  
68 5.3 4.3 6.5





#23

Nitrobenzene-d5

Concen: 109.992 ng

RT: 8.934 min Scan# 1011

Delta R.T. 0.000 min

Lab File: BM049900.D

Acq: 11 Apr 2025 14:18

Instrument :

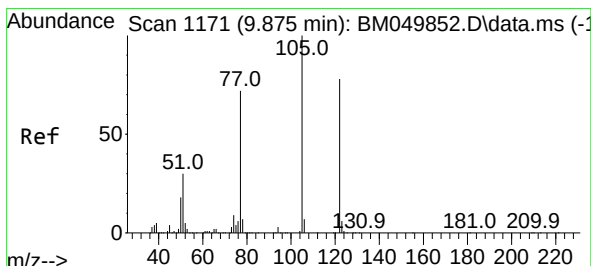
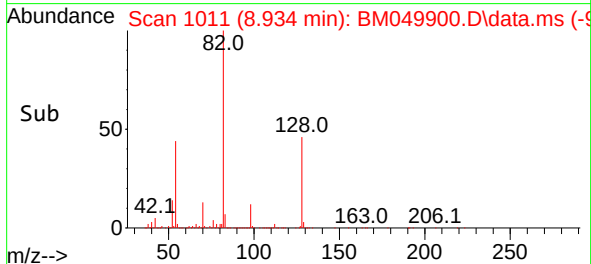
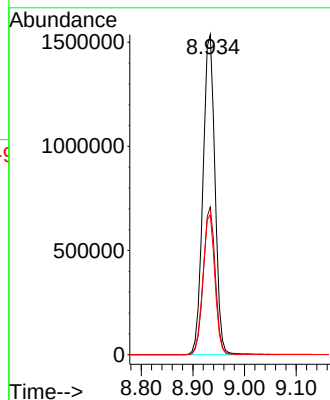
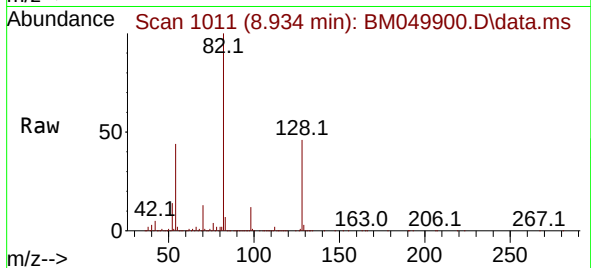
BNA\_M

ClientSampleId :

WC-1

Tgt Ion: 82 Resp: 2487274

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 46.2  | 36.2  | 54.2  |
| 54  | 43.7  | 35.0  | 52.6  |



#32

Benzoic acid

Concen: 8.580 ng

RT: 9.881 min Scan# 1172

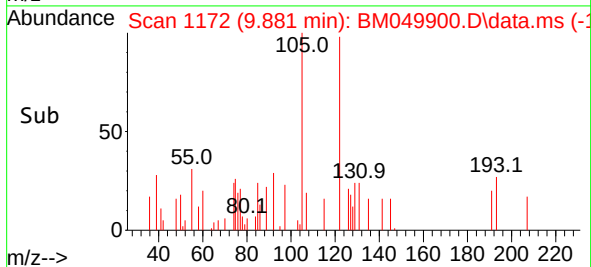
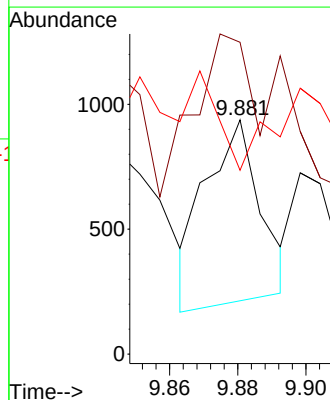
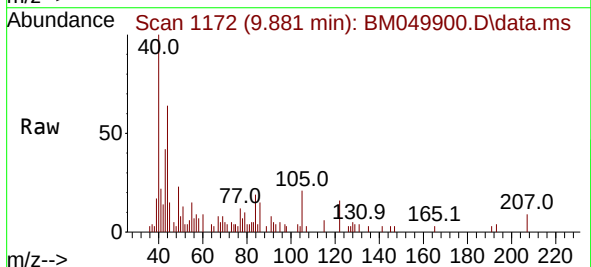
Delta R.T. 0.006 min

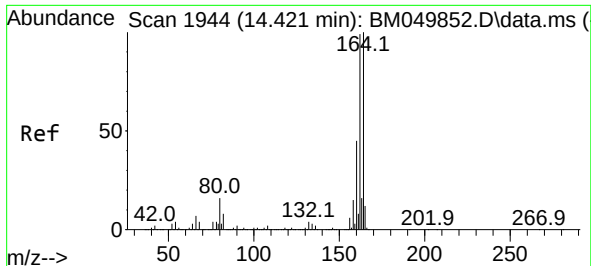
Lab File: BM049900.D

Acq: 11 Apr 2025 14:18

Tgt Ion:122 Resp: 818

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 122 | 100   |       |       |
| 105 | 133.2 | 103.8 | 143.8 |
| 77  | 78.5  | 70.7  | 110.7 |

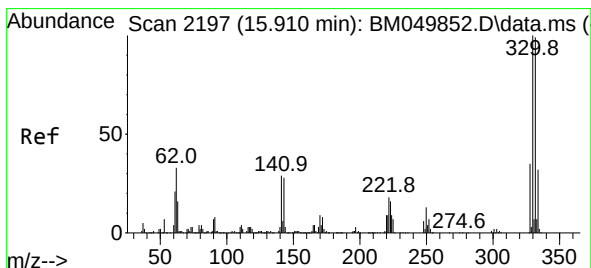
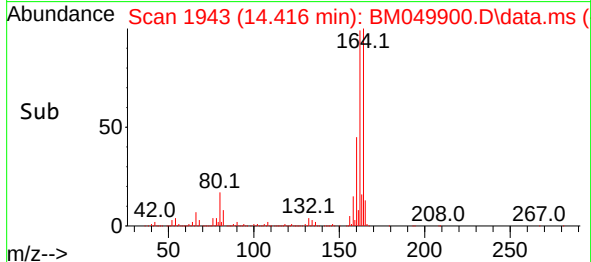
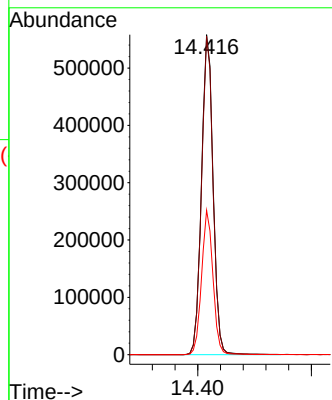
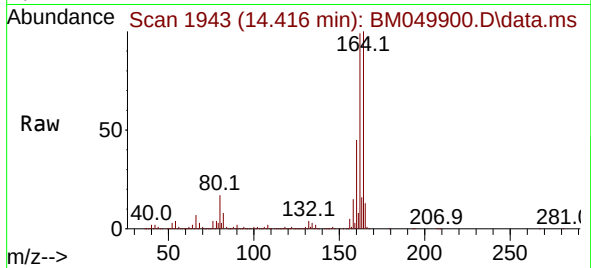




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.416 min Scan# 1943  
Delta R.T. -0.006 min  
Lab File: BM049900.D  
Acq: 11 Apr 2025 14:18

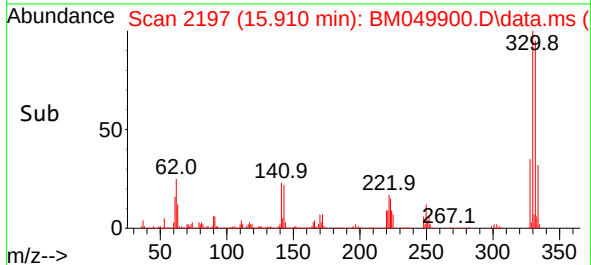
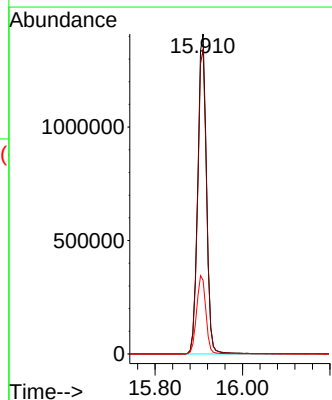
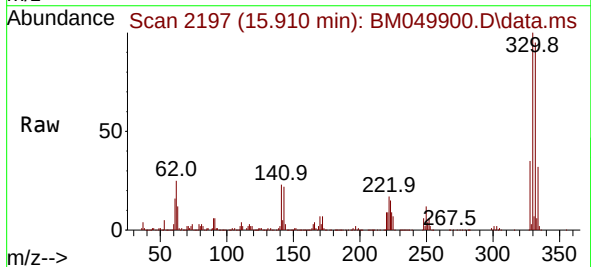
Instrument :  
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WC-1

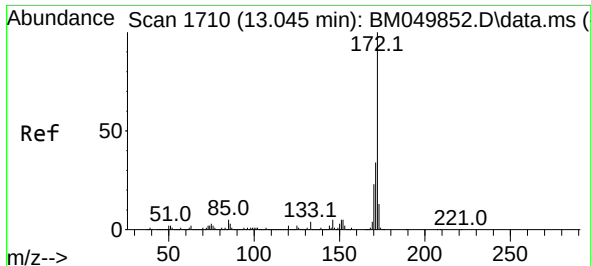
Tgt Ion:164 Resp: 792777  
Ion Ratio Lower Upper  
164 100  
162 99.5 79.4 119.0  
160 45.1 36.2 54.2



#42  
2,4,6-Tribromophenol  
Concen: 170.613 ng  
RT: 15.910 min Scan# 2197  
Delta R.T. 0.000 min  
Lab File: BM049900.D  
Acq: 11 Apr 2025 14:18

Tgt Ion:330 Resp: 1967380  
Ion Ratio Lower Upper  
330 100  
332 96.1 78.0 117.0  
141 26.0 23.5 35.3

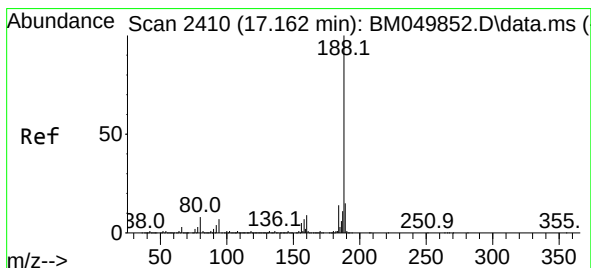
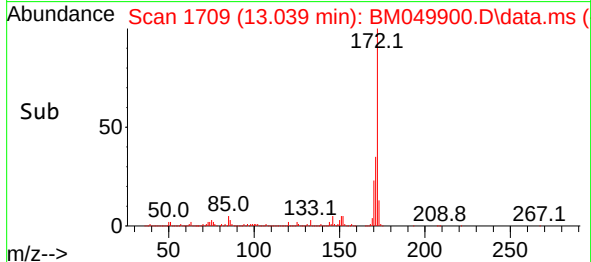
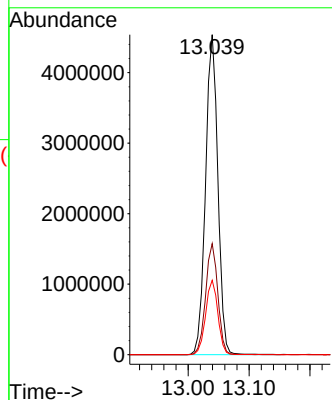
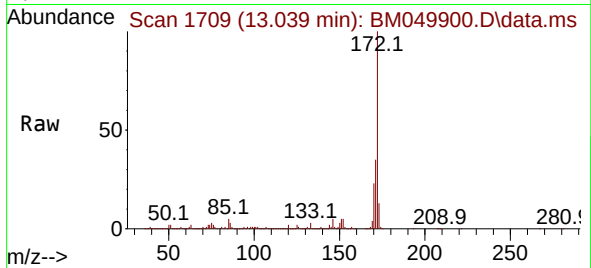




#45  
2-Fluorobiphenyl  
Concen: 109.248 ng  
RT: 13.039 min Scan# 1710  
Delta R.T. -0.006 min  
Lab File: BM049900.D  
Acq: 11 Apr 2025 14:18

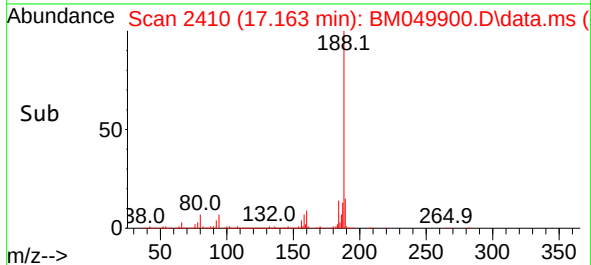
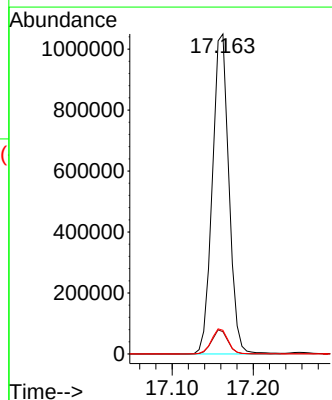
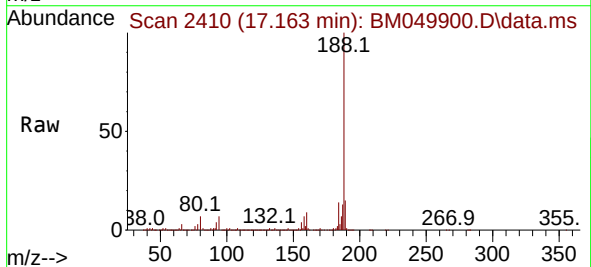
Instrument :  
BNA\_M  
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Tgt Ion:172 Resp: 6387041  
Ion Ratio Lower Upper  
172 100  
171 34.7 27.4 41.2  
170 23.2 18.6 28.0

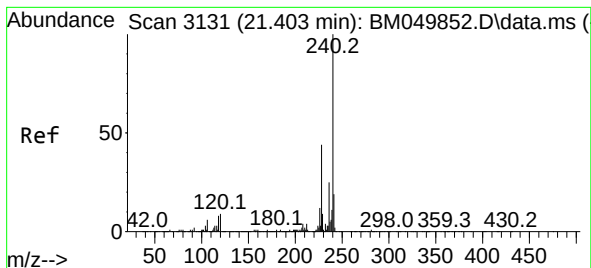


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.163 min Scan# 2410  
Delta R.T. 0.000 min  
Lab File: BM049900.D  
Acq: 11 Apr 2025 14:18

Tgt Ion:188 Resp: 1485571  
Ion Ratio Lower Upper  
188 100  
94 7.0 5.8 8.6  
80 7.4 6.4 9.6







#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.398 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM049900.D

Acq: 11 Apr 2025 14:18

Instrument :

BNA\_M

ClientSampleId :

WC-1

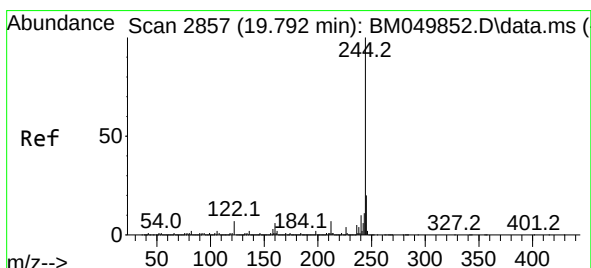
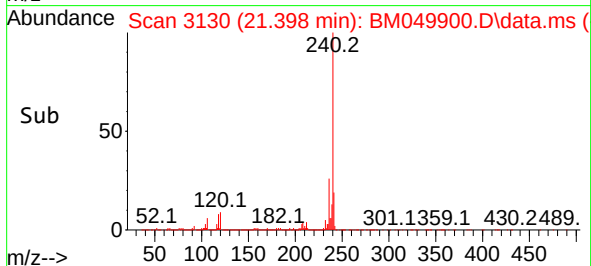
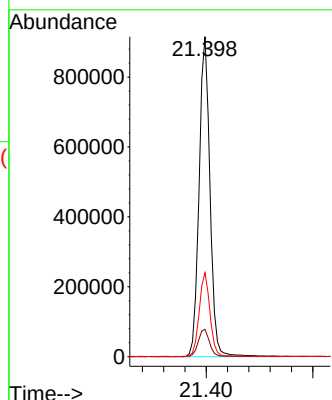
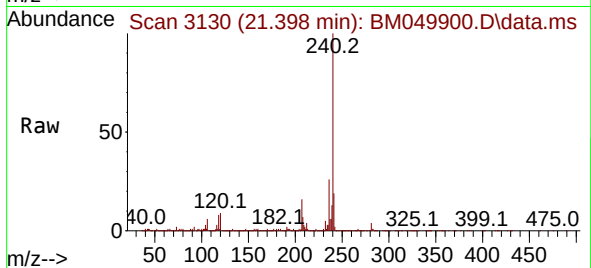
Tgt Ion:240 Resp: 1295856

Ion Ratio Lower Upper

240 100

120 8.6 6.9 10.3

236 26.2 20.4 30.6



#79

Terphenyl-d14

Concen: 130.533 ng

RT: 19.786 min Scan# 2856

Delta R.T. -0.006 min

Lab File: BM049900.D

Acq: 11 Apr 2025 14:18

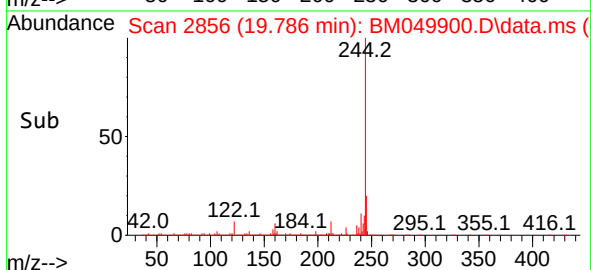
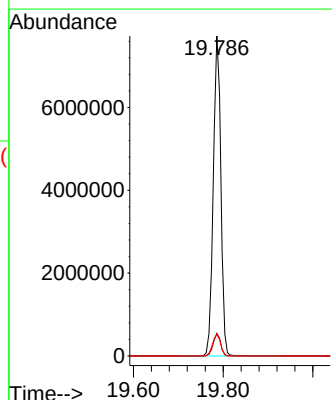
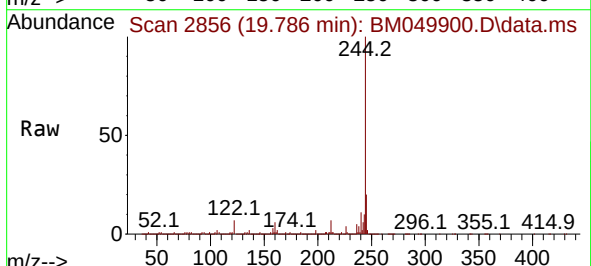
Tgt Ion:244 Resp: 9025998

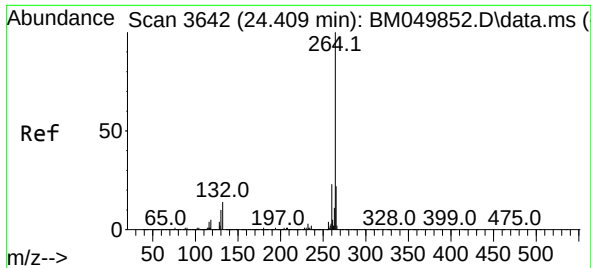
Ion Ratio Lower Upper

244 100

212 7.1 5.5 8.3

122 6.7 5.4 8.0





#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 24.397 min Scan# 30  
 Delta R.T. -0.012 min  
 Lab File: BM049900.D  
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Tgt Ion:264 Resp: 1363805  
 Ion Ratio Lower Upper  
 264 100  
 260 23.8 18.6 28.0  
 265 21.8 17.8 26.8

