

Data Path : Z:\HPCHEM1\BNA\_F\Data\BF052115\  
 Data File : BF079409.D  
 Acq On : 21 May 2015 18:10  
 Operator : TP/IZ  
 Sample : G2325-01  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MW14

Manual Integrations  
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 5/22/2015 4:30:47 PM

Quant Time: May 22 01:22:25 2015  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF043015.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri May 22 01:11:00 2015  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc Units | Dev(Min) |
|-----------------------------|--------|------|----------|------------|----------|
| -----                       |        |      |          |            |          |
| Internal Standards          |        |      |          |            |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.073  | 152  | 57109    | 20.00 ng   | 0.00     |
| 21) Naphthalene-d8          | 8.650  | 136  | 235824   | 20.00 ng   | # 0.00   |
| 38) Acenaphthene-d10        | 10.811 | 164  | 114505   | 20.00 ng   | -0.01    |
| 63) Phenanthrene-d10        | 12.651 | 188  | 225715   | 20.00 ng   | 0.00     |
| 75) Chrysene-d12            | 15.931 | 240  | 234085   | 20.00 ng   | #-0.03   |
| 86) Perylene-d12            | 17.668 | 264  | 246438   | 20.00 ng   | -0.13    |
| System Monitoring Compounds |        |      |          |            |          |
| 5) 2-Fluorophenol           | 5.347  | 112  | 212037m  | 63.91 ng   | 0.00     |
| 7) Phenol-d6                | 6.650  | 99   | 160640   | 36.63 ng   | 0.00     |
| 23) Nitrobenzene-d5         | 7.770  | 82   | 389691   | 94.97 ng   | 0.00     |
| 41) 2,4,6-Tribromophenol    | 11.794 | 330  | 199576   | 161.11 ng  | -0.01    |
| 44) 2-Fluorobiphenyl        | 9.999  | 172  | 818386   | 99.58 ng   | 0.00     |
| 78) Terphenyl-d14           | 14.651 | 244  | 884594   | 90.47 ng   | 0.00     |

Target Compounds Qvalue

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

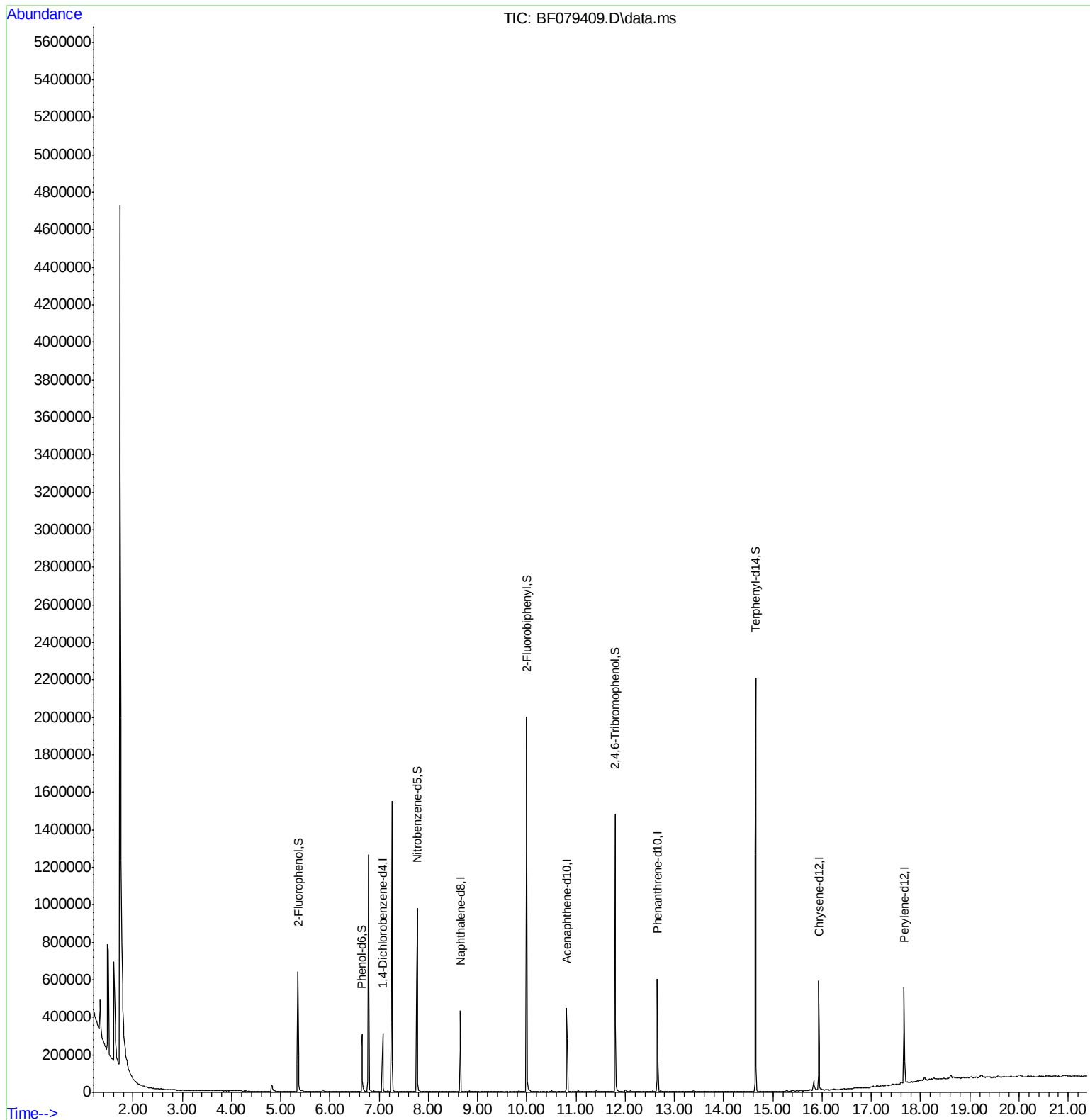
Data Path : Z:\HPCHEM1\BNA\_F\Data\BF052115\  
Data File : BF079409.D  
Acq On : 21 May 2015 18:10  
Operator : TP/IZ  
Sample : G2325-01  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

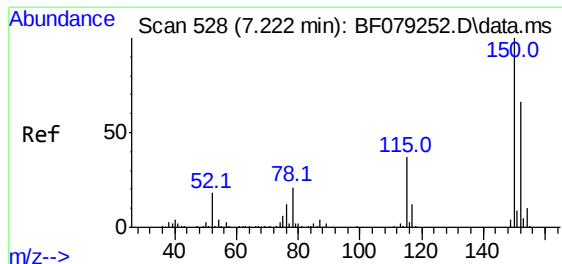
Instrument :  
BNA\_F  
ClientSampleId :  
MW14

Manual Integrations  
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5/22/2015 4:30:47 PM

Quant Time: May 22 01:22:25 2015  
Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF043015.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri May 22 01:11:00 2015  
Response via : Initial Calibration

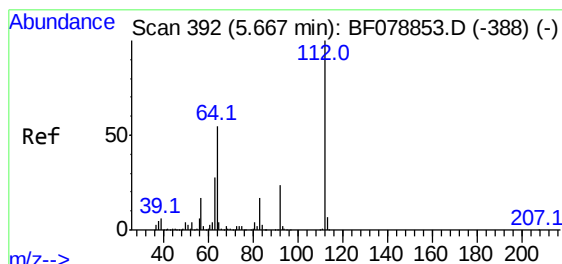
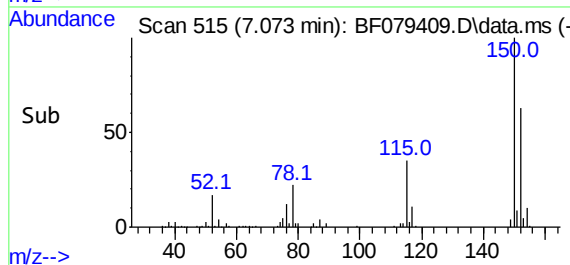
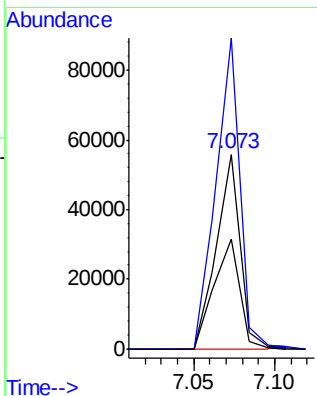
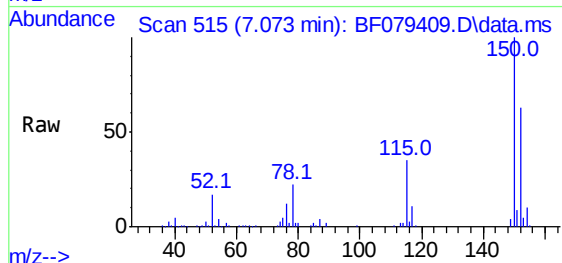




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 7.073 min Scan# 515  
Delta R.T. -0.000 min  
Lab File: BF079409.D  
Acq: 21 May 2015 18:10

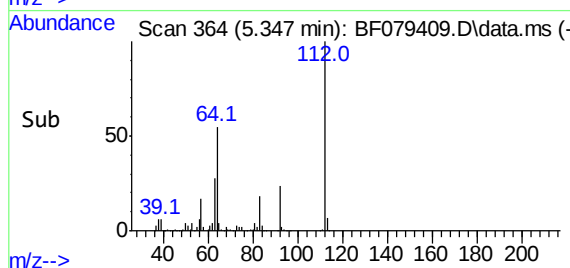
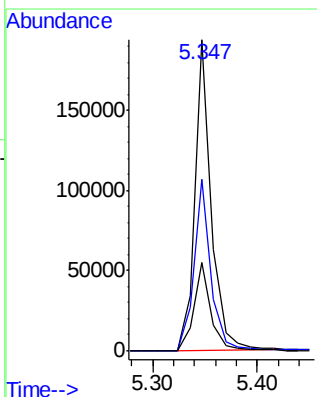
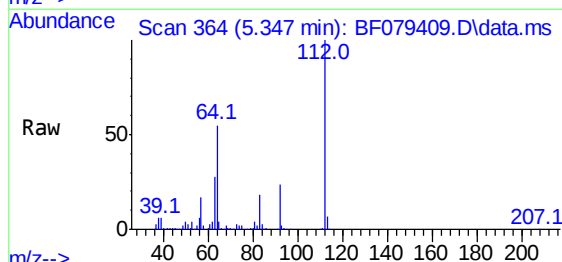
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BNA\_F  
ClientSampleId :  
MW14

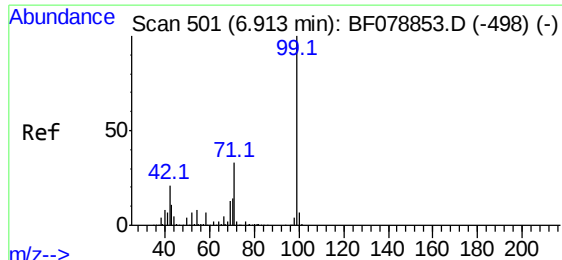
Tgt Ion:152 Resp: 57109  
Ion Ratio Lower Upper  
152 100  
150 159.5 123.8 185.8  
115 56.5 49.4 74.0



#5  
2-Fluorophenol  
Concen: 63.91 ng m  
RT: 5.347 min Scan# 364  
Delta R.T. -0.000 min  
Lab File: BF079409.D  
Acq: 21 May 2015 18:10

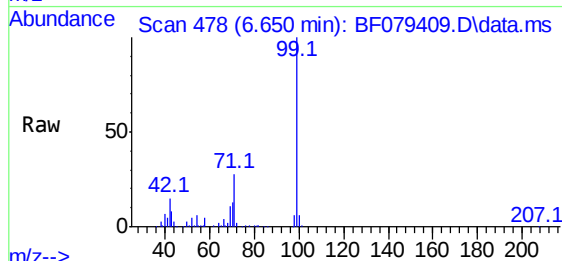
Tgt Ion:112 Resp: 212037  
Ion Ratio Lower Upper  
112 100  
64 55.2 44.2 66.2  
63 28.2 22.7 34.1



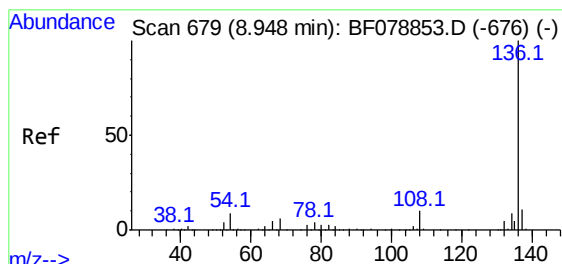
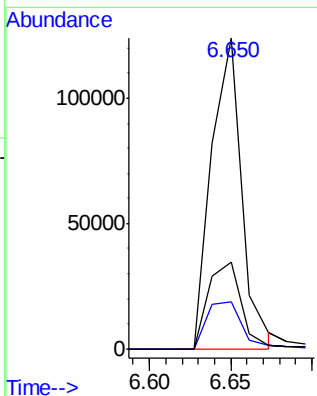
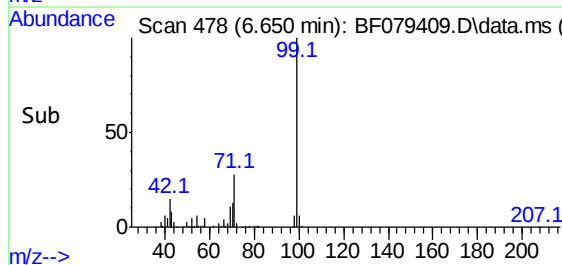


#7  
Phenol-d6  
Concen: 36.63 ng  
RT: 6.650 min Scan# 478  
Delta R.T. -0.000 min  
Lab File: BF079409.D  
Acq: 21 May 2015 18:10

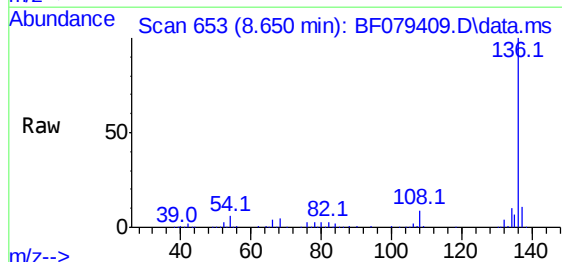
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BNA\_F  
ClientSampleId :  
MW14



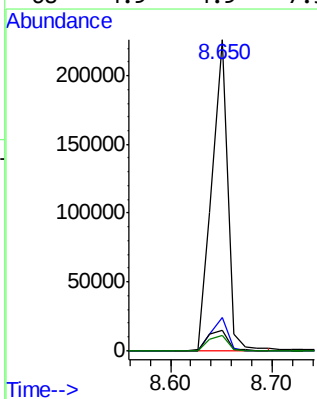
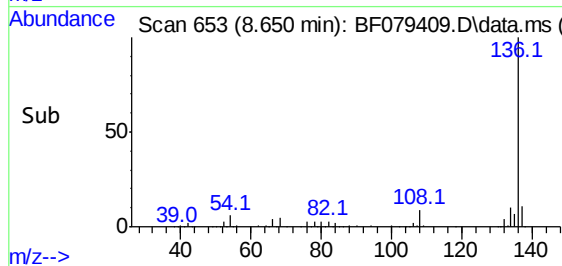
Tgt Ion: 99 Resp: 160640  
Ion Ratio Lower Upper  
99 100  
42 15.3 17.1 25.7#  
71 28.0 26.3 39.5

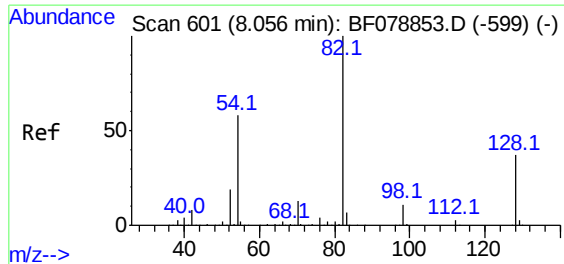


#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 8.650 min Scan# 653  
Delta R.T. -0.000 min  
Lab File: BF079409.D  
Acq: 21 May 2015 18:10



Tgt Ion: 136 Resp: 235824  
Ion Ratio Lower Upper  
136 100  
137 10.8 8.8 13.2  
54 6.4 6.9 10.3#  
68 4.9 4.9 7.3





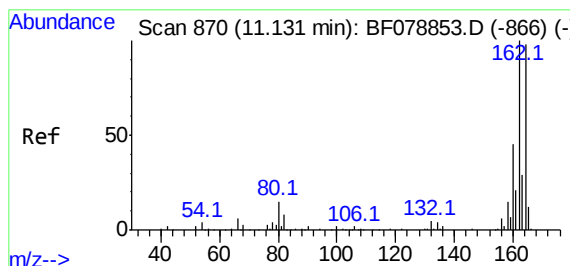
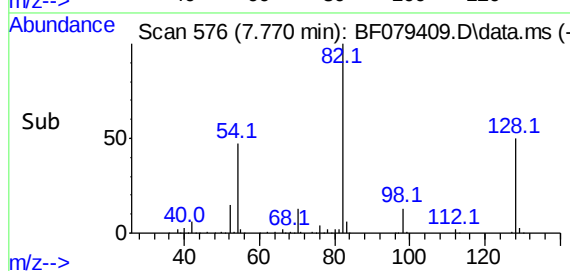
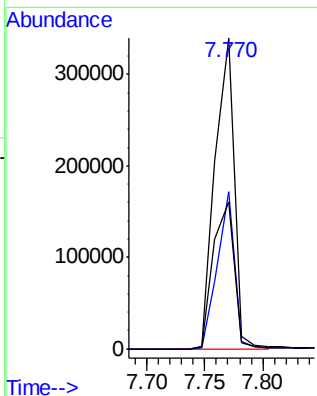
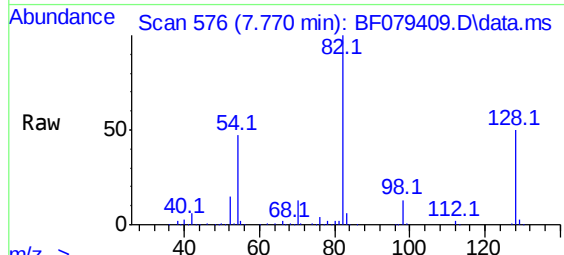
#23  
Nitrobenzene-d5  
Concen: 94.97 ng  
RT: 7.770 min Scan# 576  
Delta R.T. -0.000 min  
Lab File: BF079409.D  
Acq: 21 May 2015 18:10

Tgt Ion: 82 Resp: 389691  
Ion Ratio Lower Upper  
82 100  
128 50.5 29.7 44.5#  
54 47.2 46.2 69.4

Instrument :  
BNA\_F  
ClientSampleId :  
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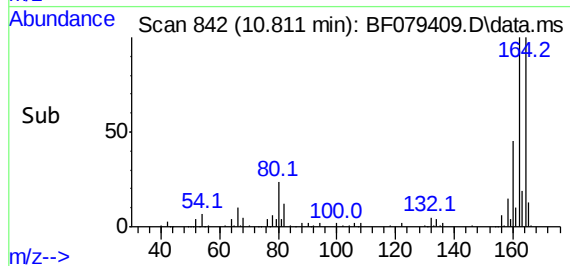
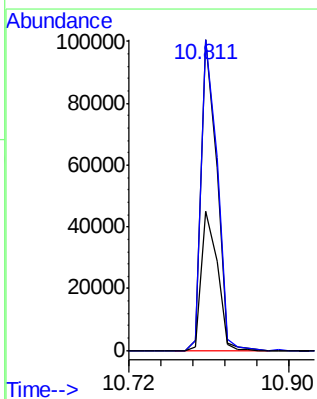
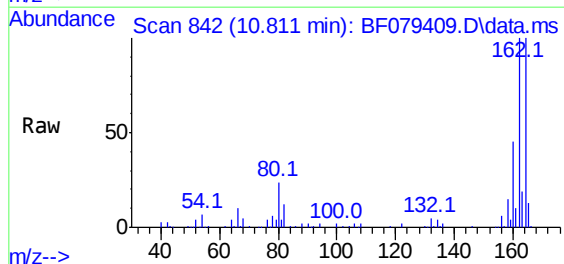
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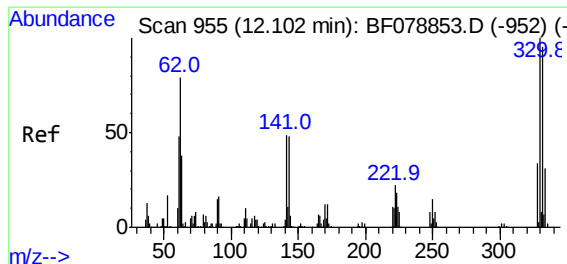
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#38  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 10.811 min Scan# 842  
Delta R.T. -0.012 min  
Lab File: BF079409.D  
Acq: 21 May 2015 18:10

Tgt Ion:164 Resp: 114505  
Ion Ratio Lower Upper  
164 100  
162 100.2 81.4 122.0  
160 45.1 36.6 54.8





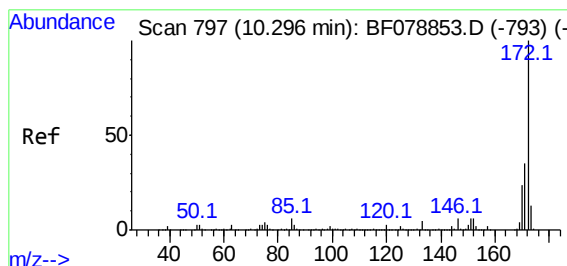
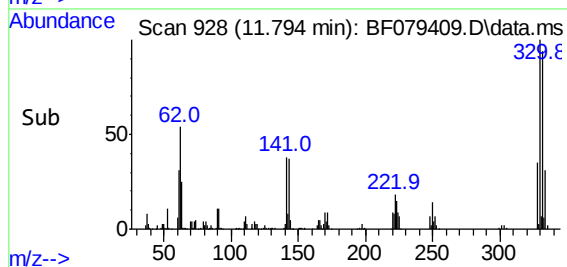
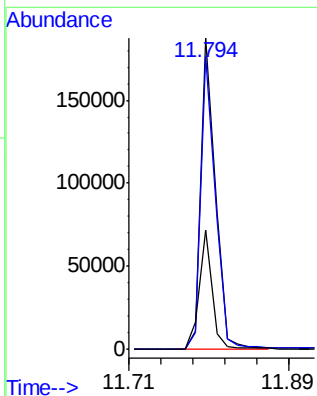
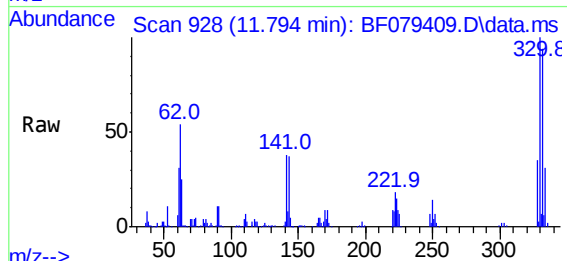
#41  
2,4,6-Tribromophenol  
Concen: 161.11 ng  
RT: 11.794 min Scan# 928  
Delta R.T. -0.012 min  
Lab File: BF079409.D  
Acq: 21 May 2015 18:10

Instrument :  
BNA\_F  
ClientSampled :  
MW14

Tgt Ion:330 Resp: 199576  
Ion Ratio Lower Upper  
330 100  
332 94.5 76.9 115.3  
141 34.6 27.8 41.8

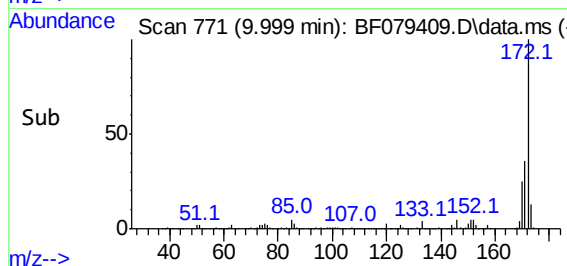
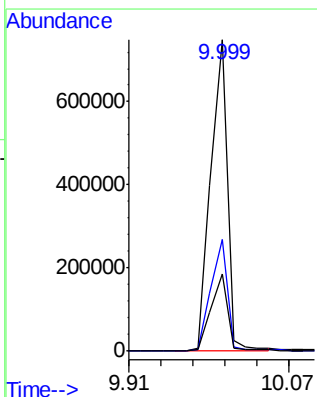
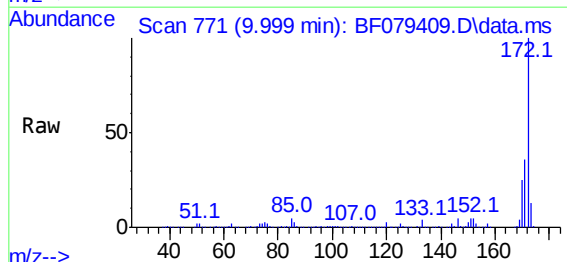
Manual Integrations  
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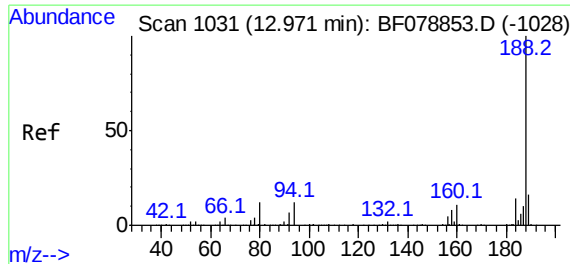
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#44  
2-Fluorobiphenyl  
Concen: 99.58 ng  
RT: 9.999 min Scan# 771  
Delta R.T. -0.000 min  
Lab File: BF079409.D  
Acq: 21 May 2015 18:10

Tgt Ion:172 Resp: 818386  
Ion Ratio Lower Upper  
172 100  
171 35.8 28.3 42.5  
170 24.6 19.4 29.2





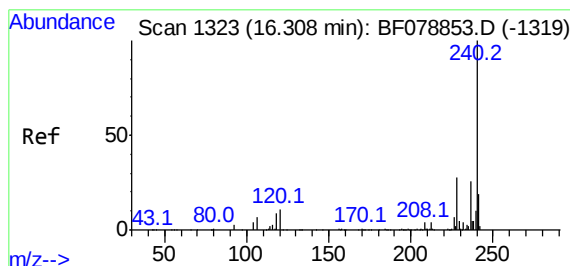
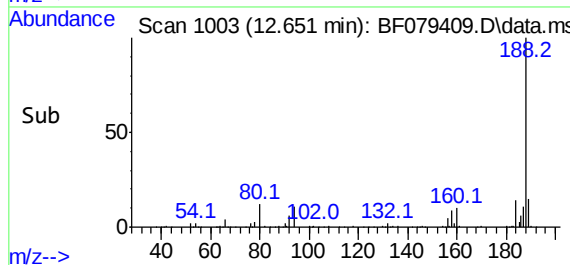
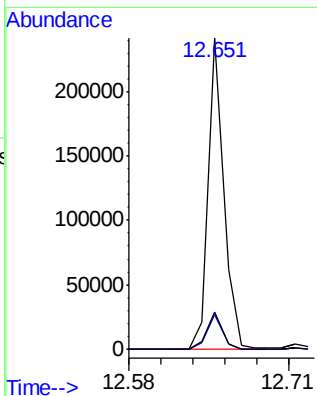
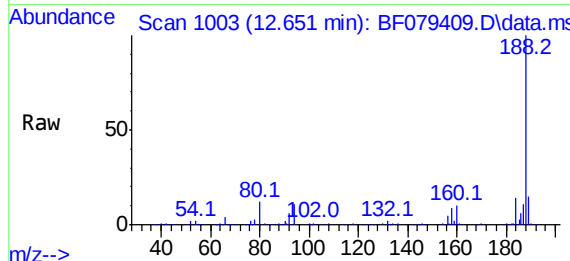
#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 12.651 min Scan# 1003  
Delta R.T. -0.000 min  
Lab File: BF079409.D  
Acq: 21 May 2015 18:10

Tgt Ion:188 Resp: 225715  
Ion Ratio Lower Upper  
188 100  
94 11.2 9.4 14.0  
80 11.7 9.8 14.6

Instrument :  
BNA\_F  
ClientSampled :  
MW14

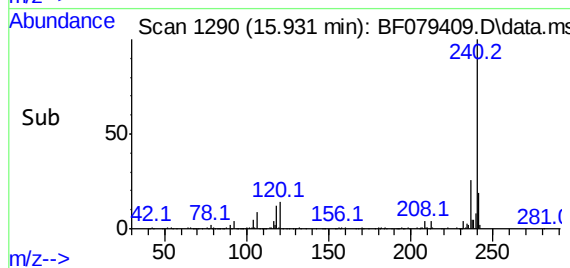
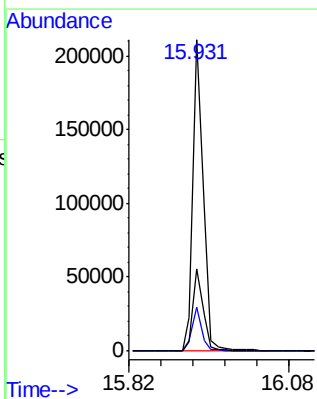
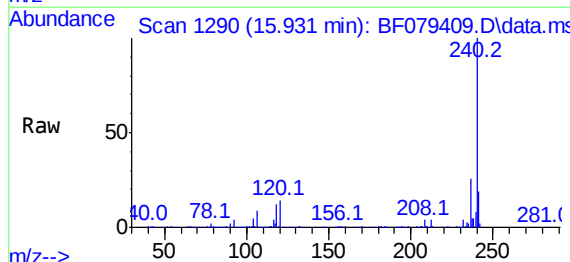
Manual Integrations  
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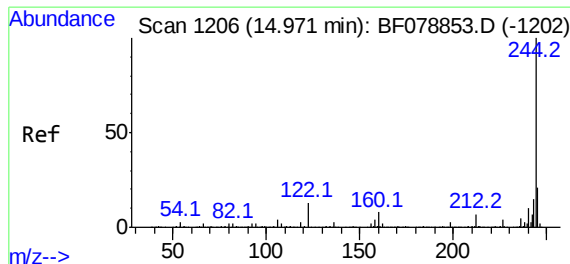
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#75  
Chrysene-d12  
Concen: 20.00 ng  
RT: 15.931 min Scan# 1290  
Delta R.T. -0.034 min  
Lab File: BF079409.D  
Acq: 21 May 2015 18:10

Tgt Ion:240 Resp: 234085  
Ion Ratio Lower Upper  
240 100  
120 13.9 8.6 12.8#  
236 26.2 21.0 31.6

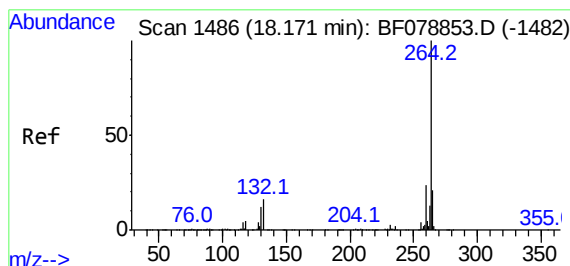
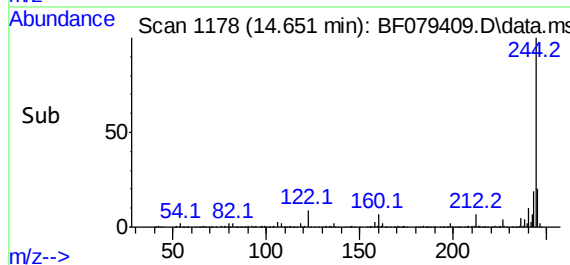
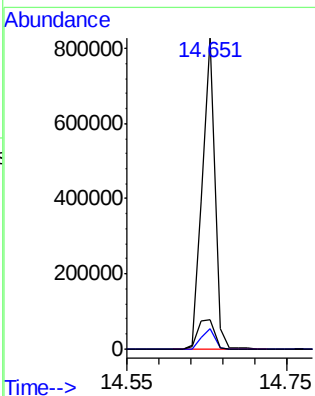
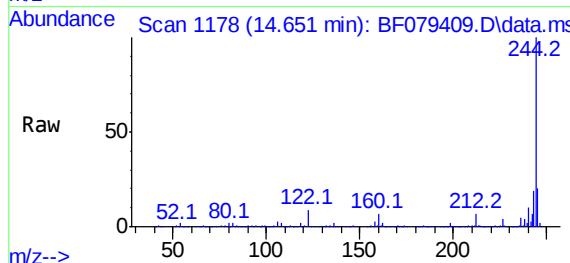




#78  
Terphenyl-d14  
Concen: 90.47 ng  
RT: 14.651 min Scan# 1178  
Delta R.T. -0.000 min  
Lab File: BF079409.D  
Acq: 21 May 2015 18:10

Instrument :  
BNA\_F  
ClientSampled :  
MW14

Tgt Ion:244 Resp: 884594  
Ion Ratio Lower Upper  
244 100  
212 6.6 5.6 8.4  
122 9.4 10.5 15.7#



#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 17.668 min Scan# 1442  
Delta R.T. -0.126 min  
Lab File: BF079409.D  
Acq: 21 May 2015 18:10

Tgt Ion:264 Resp: 246438  
Ion Ratio Lower Upper  
264 100  
260 24.2 19.2 28.8  
265 21.1 17.2 25.8

