

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051515\  
 Data File : BF079296.D  
 Acq On : 16 May 2015 6:16  
 Operator : TP/IZ  
 Sample : G2215-13  
 Misc :  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-37S

Manual Integrations  
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 5/18/2015 3:42:01 PM

Quant Time: May 18 01:12:29 2015  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon May 18 00:56:30 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.18  | 152  | 73518    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.75  | 136  | 299192   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 10.92 | 164  | 138080   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 12.77 | 188  | 251302   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 16.05 | 240  | 256156   | 20.00 | ng    | -0.01    |
| 86) Perylene-d12          | 17.74 | 264  | 274845   | 20.00 | ng    | -0.02    |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|-------|------|----------|-------|-------|----------|
| 5) 2-Fluorophenol           | 5.47  | 112  | 360367m  | 84.38 | ng    | 0.01     |
| 7) Phenol-d6                | 6.74  | 99   | 458623   | 81.24 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.87  | 82   | 282158   | 54.20 | ng    | 0.00     |
| 41) 2,4,6-Tribromophenol    | 11.91 | 330  | 128570   | 86.07 | ng    | 0.00     |
| 44) 2-Fluorobiphenyl        | 10.10 | 172  | 572742   | 57.79 | ng    | 0.00     |
| 78) Terphenyl-d14           | 14.77 | 244  | 584090   | 54.59 | ng    | 0.00     |

| Target Compounds           | R.T.  | QIon | Response | Conc  | Units | Qvalue |
|----------------------------|-------|------|----------|-------|-------|--------|
| 48) Acenaphthylene         | 10.75 | 152  | 48904    | 3.48  | ng    | 98     |
| 49) Dimethylphthalate      | 10.60 | 163  | 39793    | 3.93  | ng    | 98     |
| 51) Acenaphthene           | 10.96 | 154  | 23791    | 2.84  | ng    | 97     |
| 54) Dibenzofuran           | 11.18 | 168  | 42142    | 3.48  | ng    | 99     |
| 57) Fluorene               | 11.60 | 166  | 39207    | 3.94  | ng    | 97     |
| 70) Phenanthrene           | 12.80 | 178  | 817320   | 58.14 | ng    | 99     |
| 71) Anthracene             | 12.86 | 178  | 130359   | 9.45  | ng    | 99     |
| 72) Carbazole              | 13.06 | 167  | 96512    | 7.34  | ng    | 98     |
| 74) Fluoranthene           | 14.27 | 202  | 969384   | 66.17 | ng    | 97     |
| 77) Pyrene                 | 14.55 | 202  | 848636   | 57.49 | ng    | 97     |
| 80) Benzo(a)anthracene     | 16.03 | 228  | 437889   | 31.22 | ng    | 93     |
| 82) Chrysene               | 16.08 | 228  | 397086   | 29.43 | ng    | 97     |
| 85) Indeno(1,2,3-cd)pyrene | 19.12 | 276  | 305251   | 17.76 | ng    | 94     |
| 87) Benzo(b)fluoranthene   | 17.30 | 252  | 615437m  | 40.91 | ng    |        |
| 88) Benzo(k)fluoranthene   | 17.34 | 252  | 145315m  | 9.98  | ng    |        |
| 89) Benzo(a)pyrene         | 17.67 | 252  | 402573   | 29.06 | ng    | 97     |
| 90) Dibenzo(a,h)anthracene | 19.14 | 278  | 65729m   | 4.46  | ng    |        |
| 91) Benzo(g,h,i)perylene   | 19.53 | 276  | 318901   | 21.61 | ng    | 96     |

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

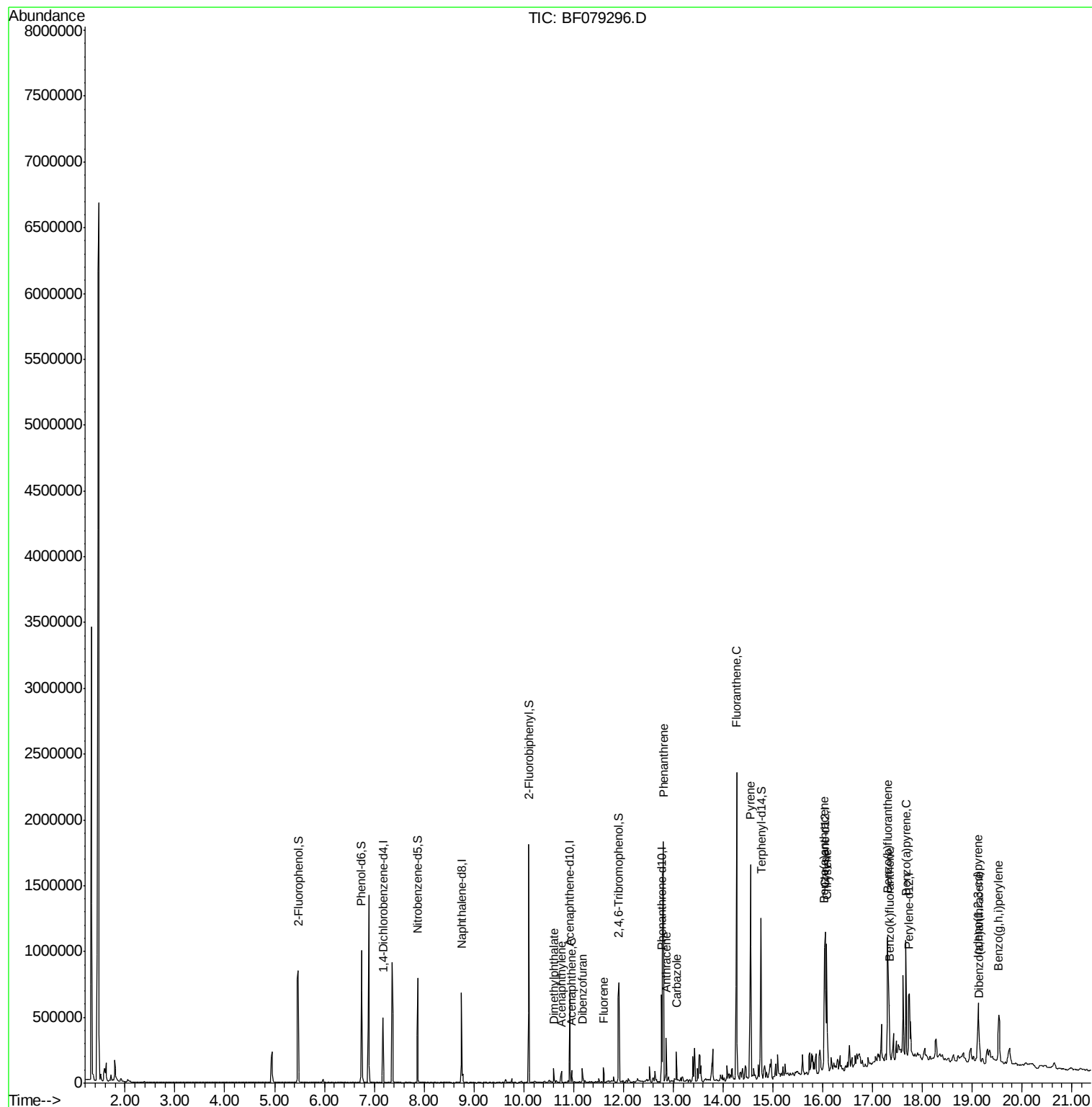
Data Path : Z:\HPCHEM1\BNA F\DATA\BF051515\  
Data File : BF079296.D  
Acq On : 16 May 2015 6:16  
Operator : TP/IZ  
Sample : G2215-13  
Misc :  
ALS Vial : 29 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
SB-37S

Manual Integrations  
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Quant Time: May 18 01:12:29 2015  
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon May 18 00:56:30 2015  
Response via : Initial Calibration





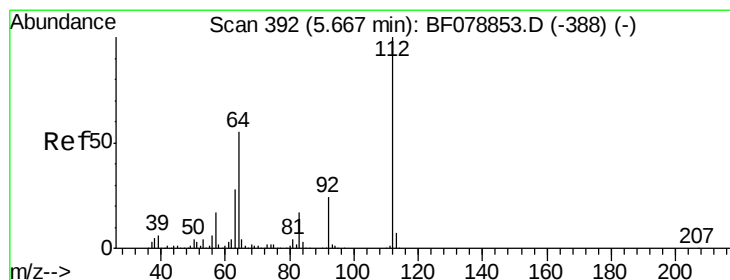
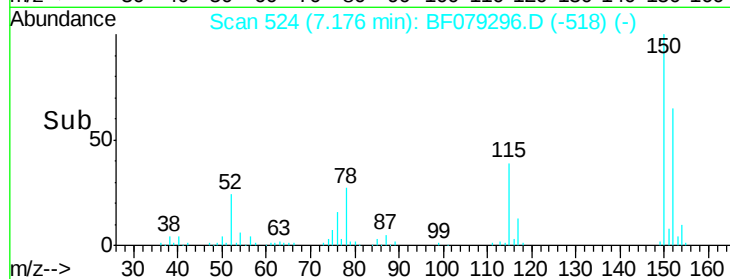
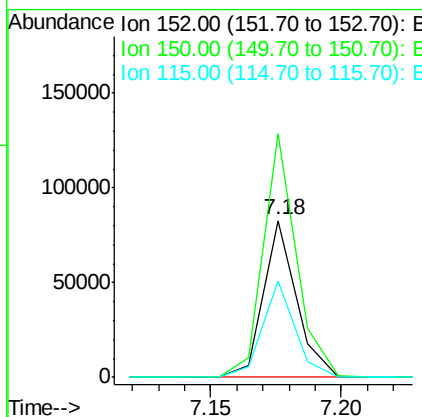
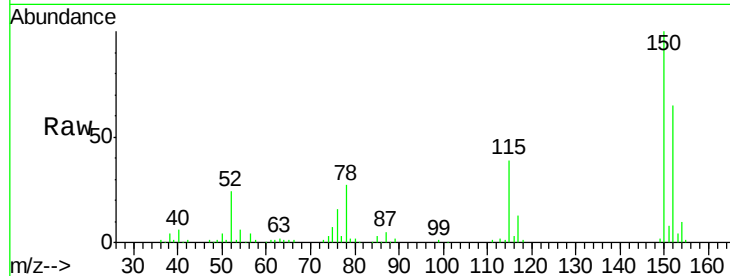
#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.00 ng  
 RT: 7.18 min Scan# 524  
 Delta R.T. -0.00 min  
 Lab File: BF079296.D  
 Acq: 16 May 2015 6:16

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-37S

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 152   | Resp: | 73518 |
| Ion Ratio | Lower | Upper |       |
| 152       | 100   |       |       |
| 150       | 155.0 | 123.8 | 185.8 |
| 115       | 61.0  | 49.4  | 74.0  |

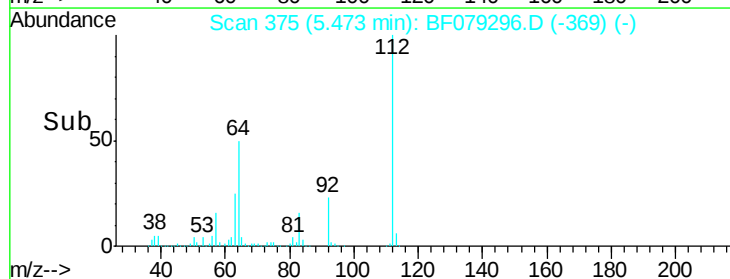
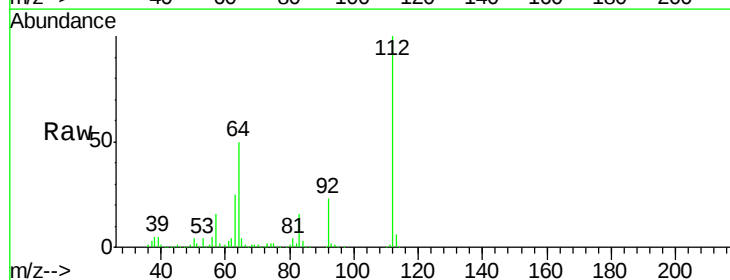
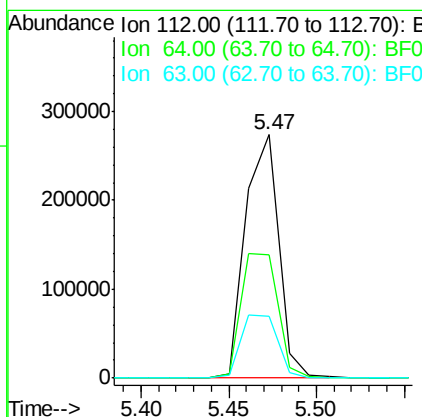
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#5  
 2-Fluorophenol  
 Concen: 84.38 ng m  
 RT: 5.47 min Scan# 375  
 Delta R.T. 0.01 min  
 Lab File: BF079296.D  
 Acq: 16 May 2015 6:16

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 112   | Resp: | 360367 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 50.5  | 44.2  | 66.2   |
| 63        | 25.5  | 22.7  | 34.1   |





#7

Phenol-d6

Concen: 81.24 ng

RT: 6.74 min Scan# 486

Delta R.T. -0.00 min

Lab File: BF079296.D

Acq: 16 May 2015 6:16

Instrument :

BNA\_F

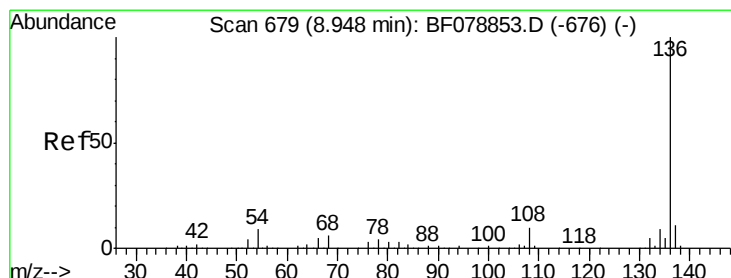
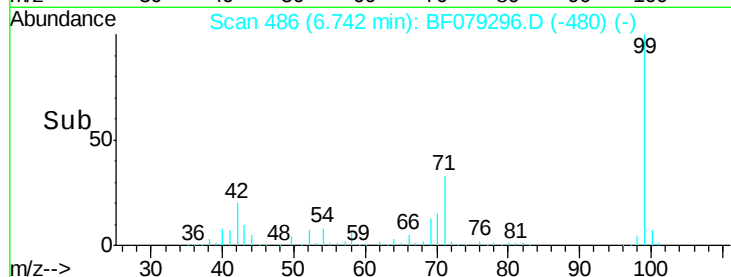
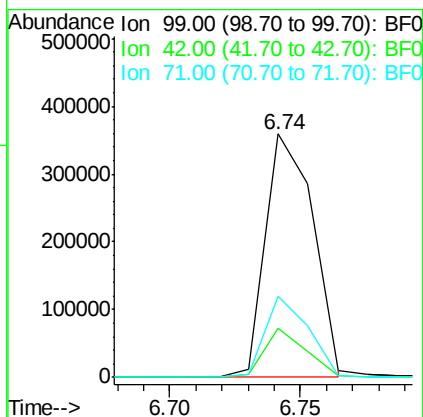
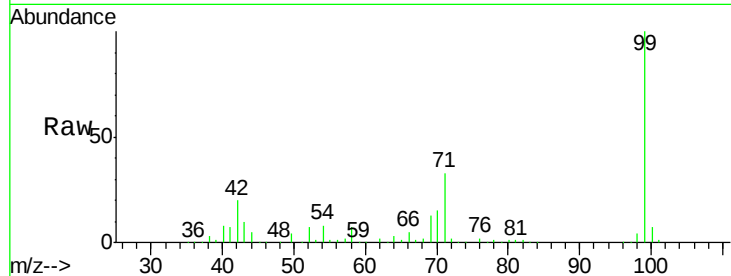
ClientSampleId :

SB-37S

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 99    | Resp: | 458623 |
| Ion Ratio | Lower | Upper |        |
| 99        | 100   |       |        |
| 42        | 20.4  | 17.1  | 25.7   |
| 71        | 33.3  | 26.3  | 39.5   |

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#21

Naphthalene-d8

Concen: 20.00 ng

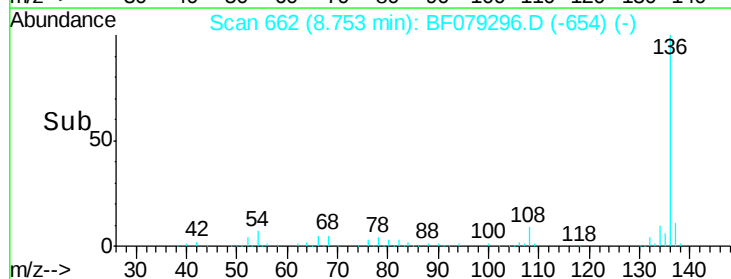
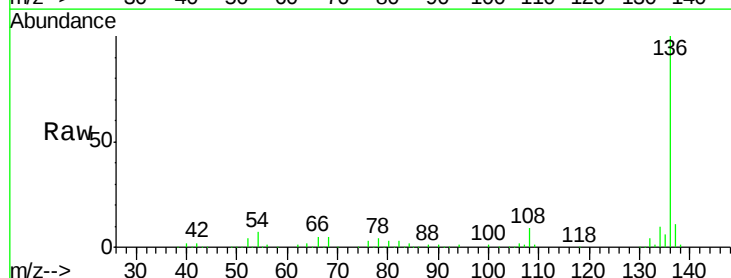
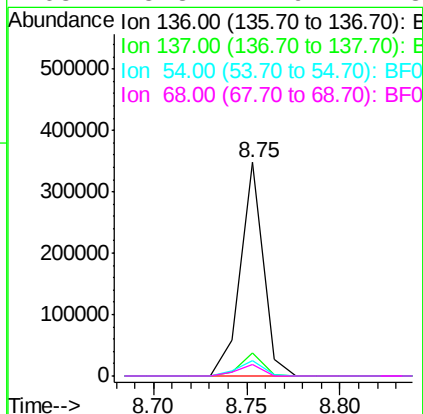
RT: 8.75 min Scan# 662

Delta R.T. -0.00 min

Lab File: BF079296.D

Acq: 16 May 2015 6:16

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 136   | Resp: | 299192 |
| Ion Ratio | Lower | Upper |        |
| 136       | 100   |       |        |
| 137       | 10.6  | 8.8   | 13.2   |
| 54        | 7.1   | 6.9   | 10.3   |
| 68        | 5.3   | 4.9   | 7.3    |





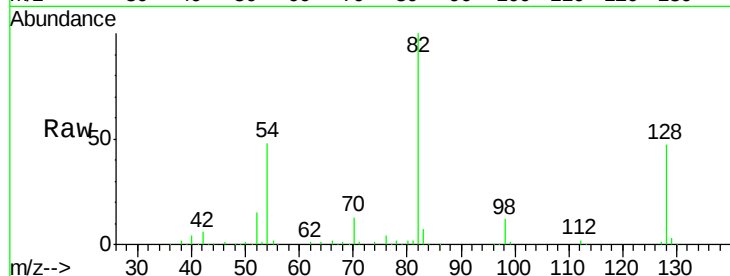
#23  
 Nitrobenzene-d5  
 Concen: 54.20 ng  
 RT: 7.87 min Scan# 585  
 Delta R.T. -0.00 min  
 Lab File: BF079296.D  
 Acq: 16 May 2015 6:16

Instrument :  
 BNA\_F  
 ClientSampled :  
 SB-37S

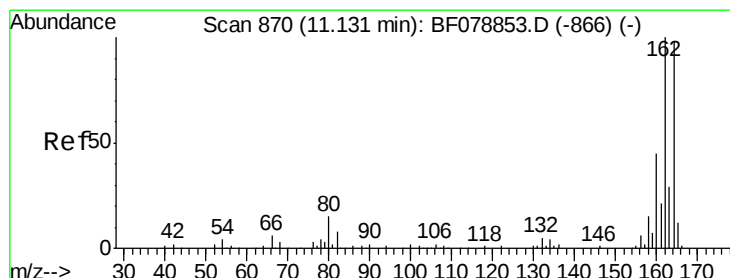
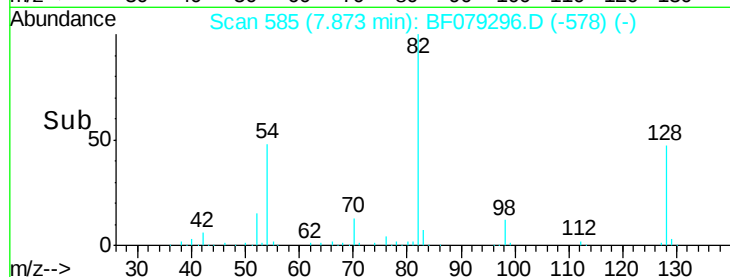
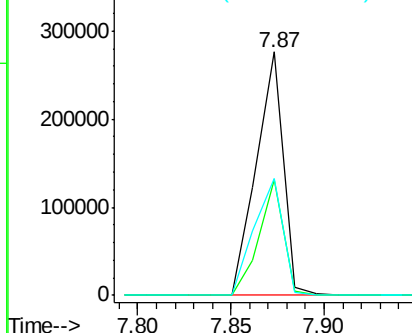
| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 82      | 100   |            |       |
| 128     | 47.3  | 29.7       | 44.5# |
| 54      | 47.8  | 46.2       | 69.4  |

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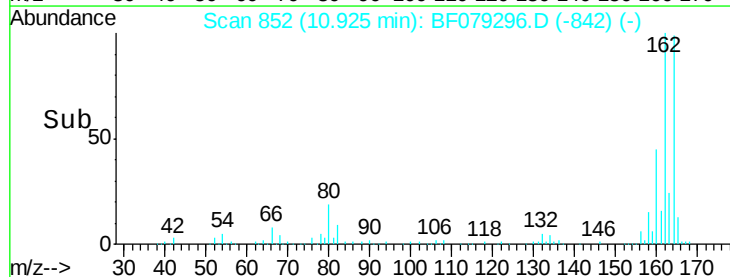
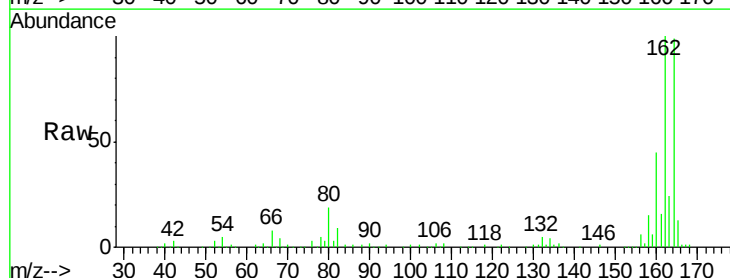
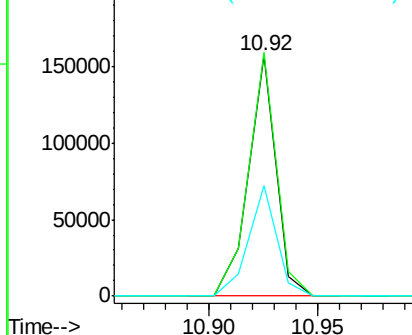
Abundance Ion 82.00 (81.70 to 82.70): BF0  
 Ion 128.00 (127.70 to 128.70): E  
 Ion 54.00 (53.70 to 54.70): BF0



#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 10.92 min Scan# 852  
 Delta R.T. -0.00 min  
 Lab File: BF079296.D  
 Acq: 16 May 2015 6:16

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 164     | 100   |            |       |
| 162     | 101.2 | 81.4       | 122.0 |
| 160     | 46.0  | 36.6       | 54.8  |

Abundance Ion 164.00 (163.70 to 164.70): E  
 Ion 162.00 (161.70 to 162.70): E  
 Ion 160.00 (159.70 to 160.70): E





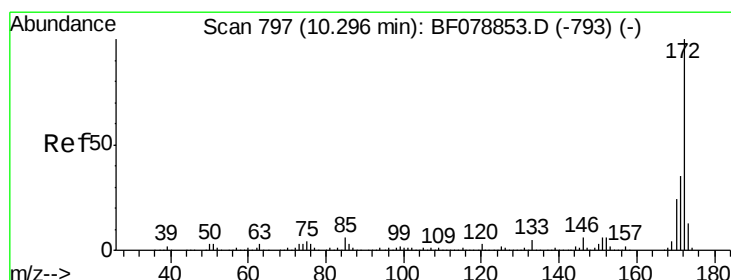
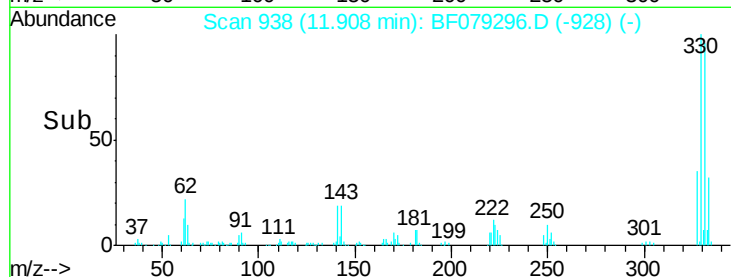
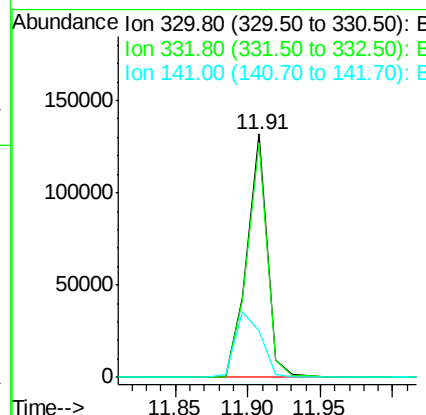
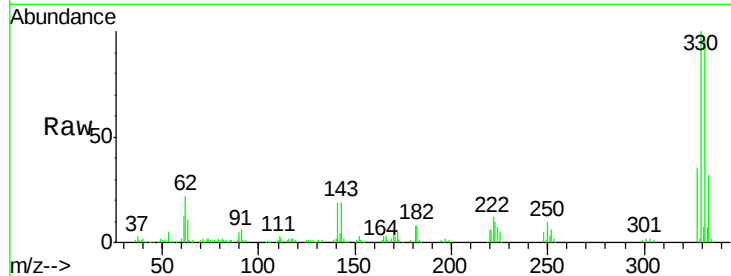
#41  
 2,4,6-Tribromophenol  
 Concen: 86.07 ng  
 RT: 11.91 min Scan# 938  
 Delta R.T. -0.00 min  
 Lab File: BF079296.D  
 Acq: 16 May 2015 6:16

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-37S

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 330     | 100   | 128570 |       |       |
| 332     | 96.1  | 76.9   | 115.3 |       |
| 141     | 34.7  | 27.8   | 41.8  |       |

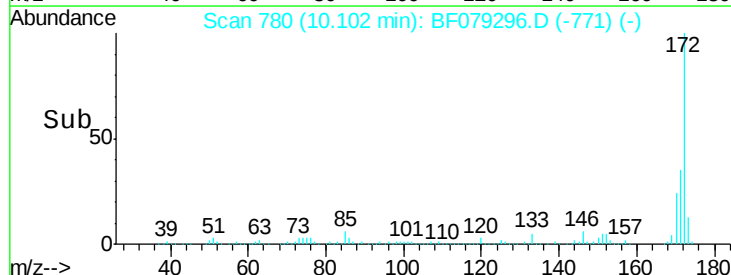
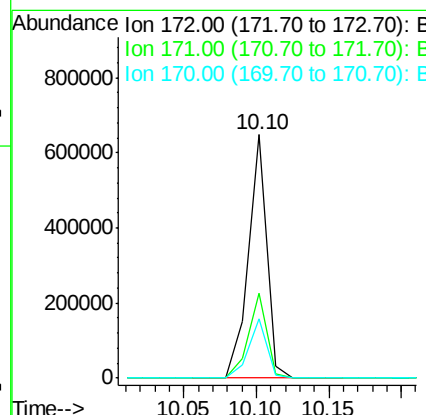
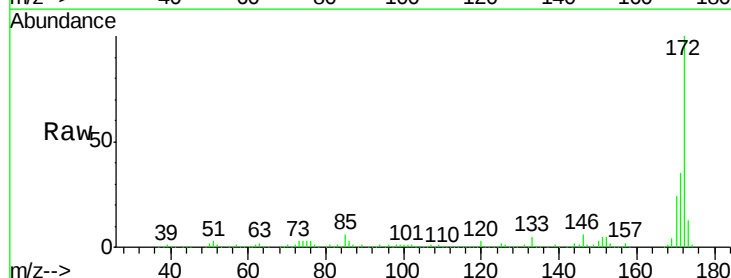
Manual Integrations  
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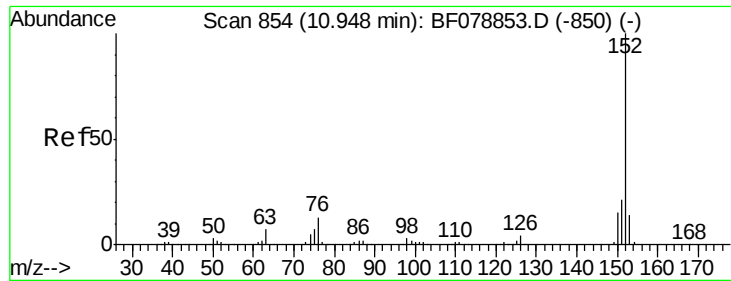
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#44  
 2-Fluorobiphenyl  
 Concen: 57.79 ng  
 RT: 10.10 min Scan# 780  
 Delta R.T. -0.00 min  
 Lab File: BF079296.D  
 Acq: 16 May 2015 6:16

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 172     | 100   | 572742 |       |       |
| 171     | 35.1  | 28.3   | 42.5  |       |
| 170     | 24.1  | 19.4   | 29.2  |       |





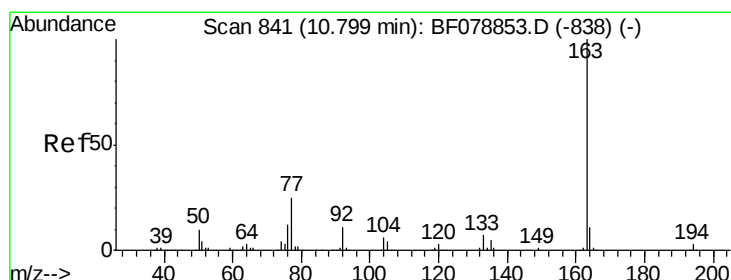
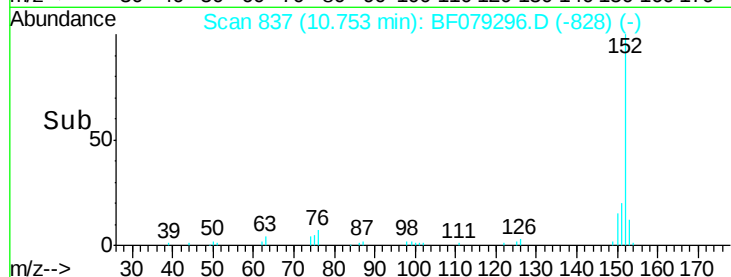
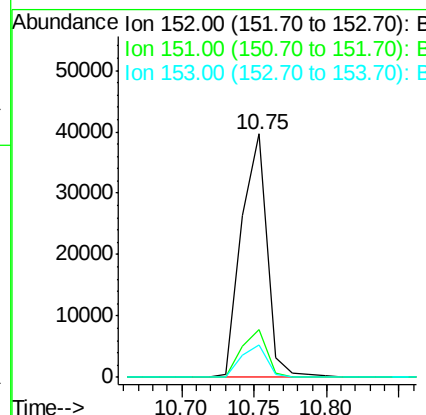
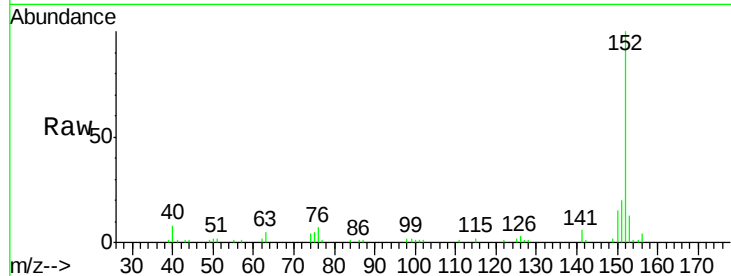
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Acenaphthylene  
Concen: 3.48 ng  
RT: 10.75 min Scan# 837  
Delta R.T. -0.00 min  
Lab File: BF079296.D  
Acq: 16 May 2015 6:16

Instrument :  
BNA\_F  
ClientSampled :  
SB-37S

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 152     | 100   | 48904 |       |       |
| 151     | 19.8  |       | 16.6  | 24.8  |
| 153     | 13.3  |       | 11.0  | 16.6  |

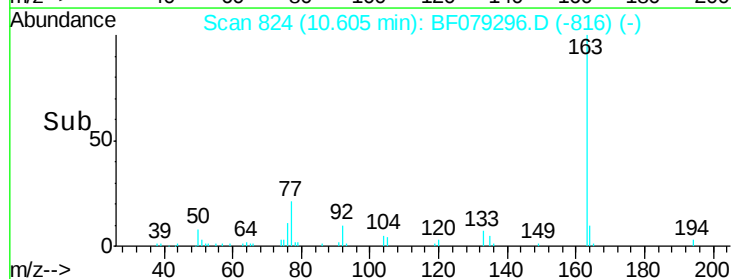
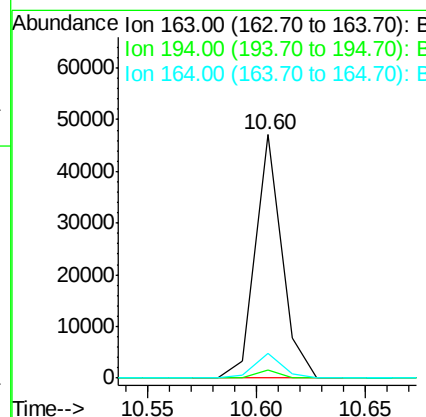
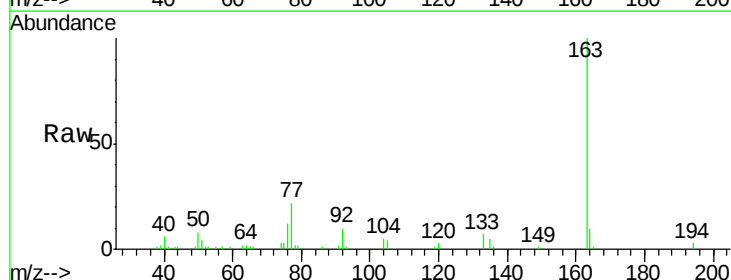
Manual Integrations  
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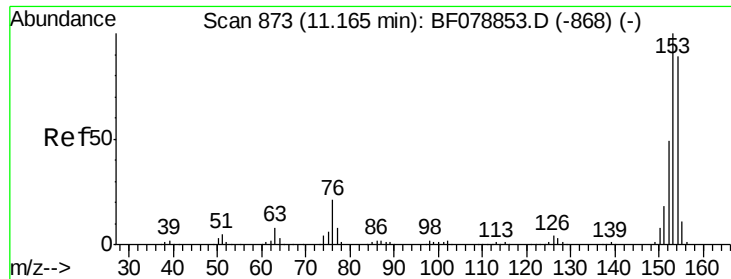
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#49  
Dimethylphthalate  
Concen: 3.93 ng  
RT: 10.60 min Scan# 824  
Delta R.T. -0.01 min  
Lab File: BF079296.D  
Acq: 16 May 2015 6:16

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 163     | 100   | 39793 |       |       |
| 194     | 3.4   |       | 2.4   | 3.6   |
| 164     | 9.9   |       | 8.6   | 12.8  |





#51

Acenaphthene

Concen: 2.84 ng

RT: 10.96 min Scan# 855

Delta R.T. -0.01 min

Lab File: BF079296.D

Acq: 16 May 2015 6:16

Instrument :

BNA\_F

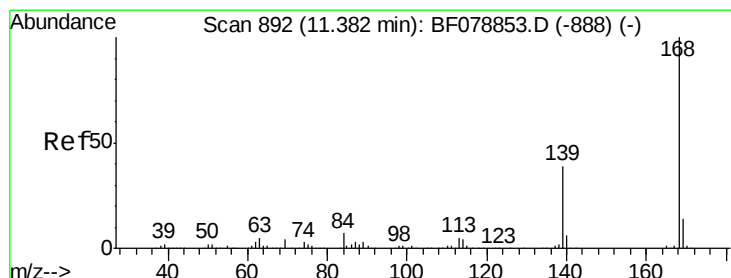
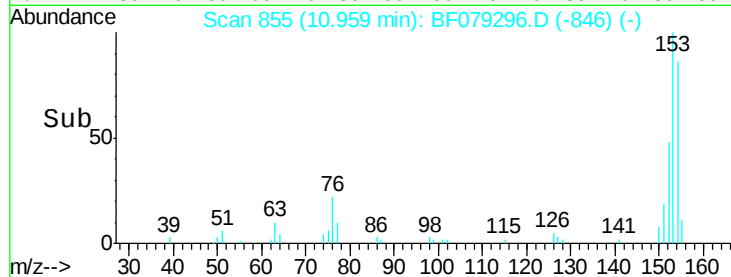
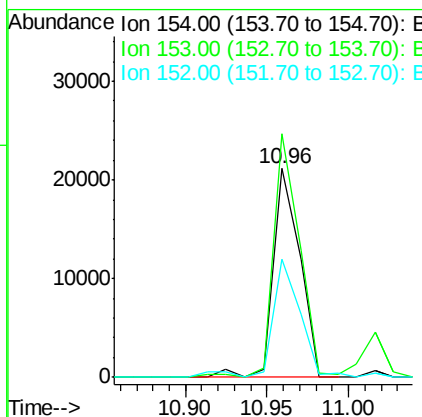
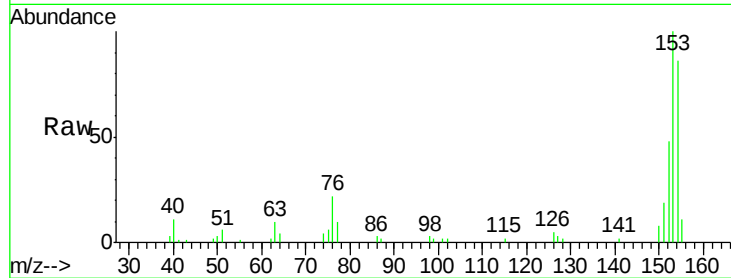
ClientSampleId :

SB-37S

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 154   | Resp: | 23791 |
| Ion Ratio | Lower | Upper |       |
| 154       | 100   |       |       |
| 153       | 116.6 | 90.2  | 135.2 |
| 152       | 56.4  | 43.8  | 65.8  |

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#54

Dibenzofuran

Concen: 3.48 ng

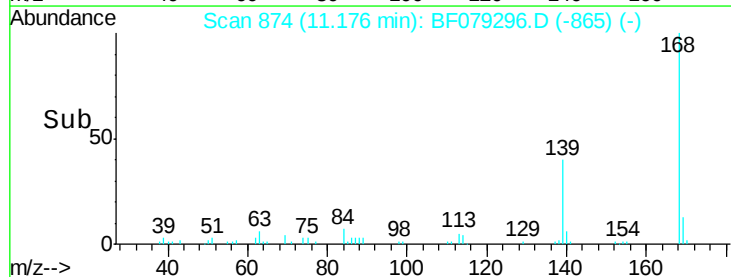
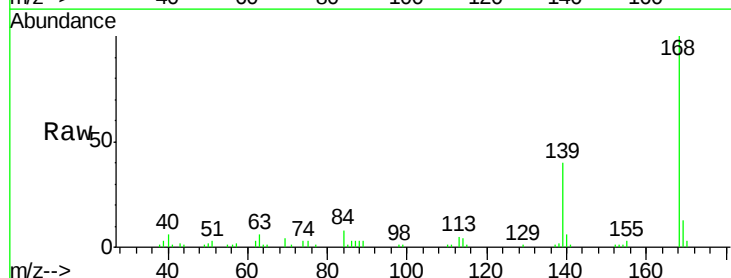
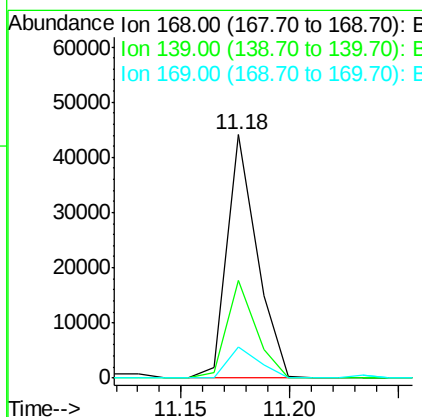
RT: 11.18 min Scan# 874

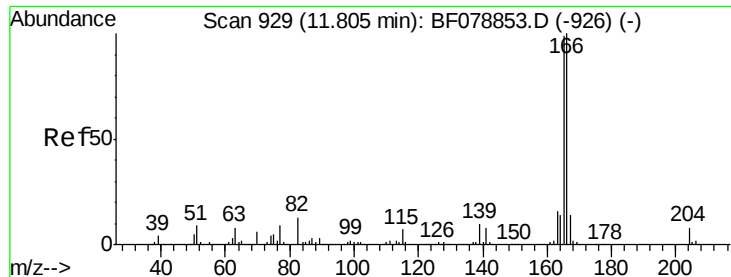
Delta R.T. -0.01 min

Lab File: BF079296.D

Acq: 16 May 2015 6:16

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 168   | Resp: | 42142 |
| Ion Ratio | Lower | Upper |       |
| 168       | 100   |       |       |
| 139       | 39.9  | 31.5  | 47.3  |
| 169       | 12.9  | 11.0  | 16.4  |





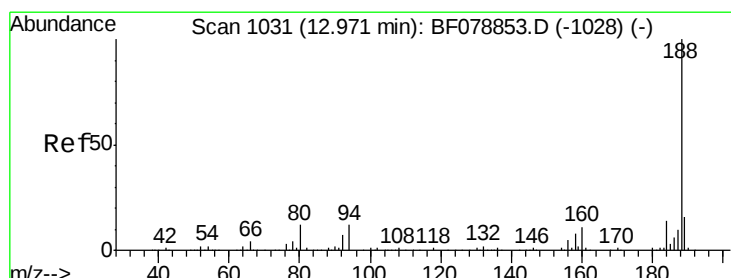
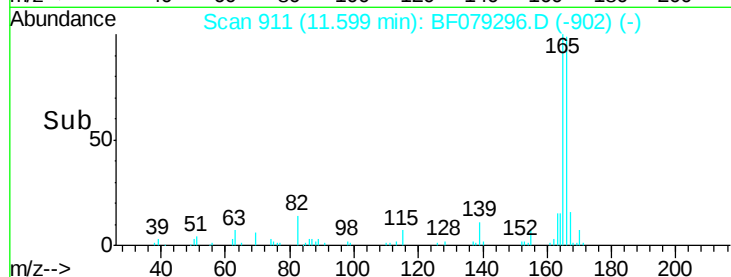
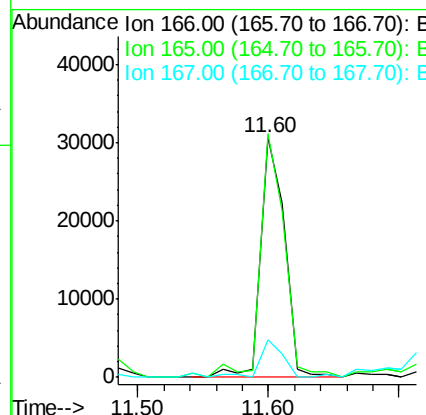
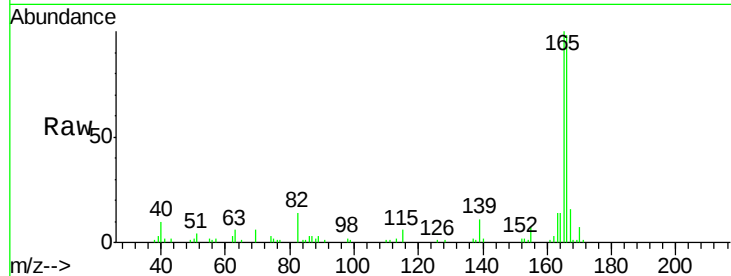
#57  
**Fluorene**  
 Concen: 3.94 ng  
 RT: 11.60 min Scan# 911  
 Delta R.T. -0.01 min  
 Lab File: BF079296.D  
 Acq: 16 May 2015 6:16

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-37S

| Tot Ion | Ion   | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|-------|
| 166     | 100   |       |       |       |       |
| 165     | 101.8 | 79.5  | 119.3 |       |       |
| 167     | 15.9  | 11.0  | 16.6  |       |       |

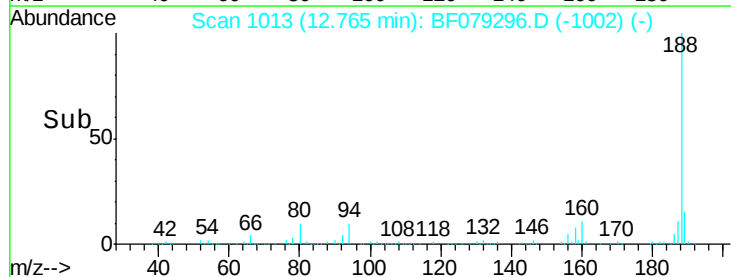
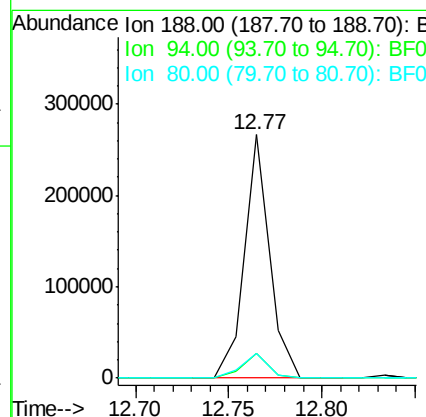
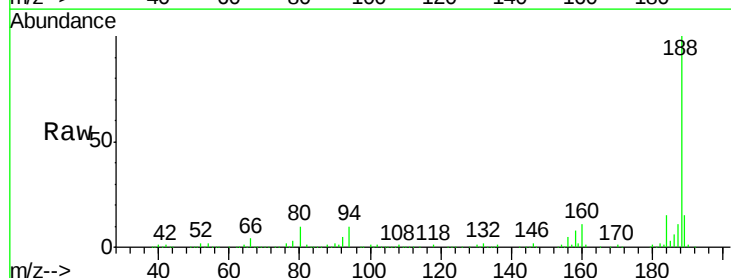
Manual Integrations  
 APPROVED

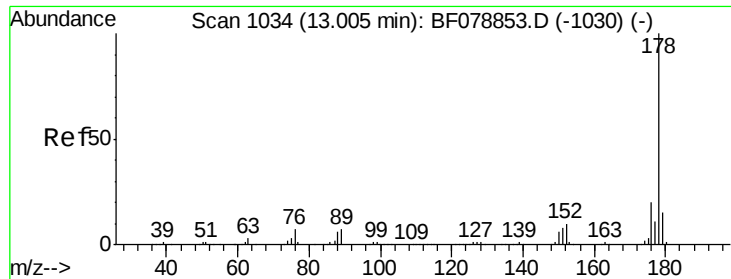
apatel  
 5/18/2015 3:42:01 PM



#63  
**Phenanthrene-d10**  
 Concen: 20.00 ng  
 RT: 12.77 min Scan# 1013  
 Delta R.T. -0.00 min  
 Lab File: BF079296.D  
 Acq: 16 May 2015 6:16

| Tgt Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 188     | 100  |       |      |       |       |
| 94      | 10.1 | 9.4   | 14.0 |       |       |
| 80      | 10.3 | 9.8   | 14.6 |       |       |





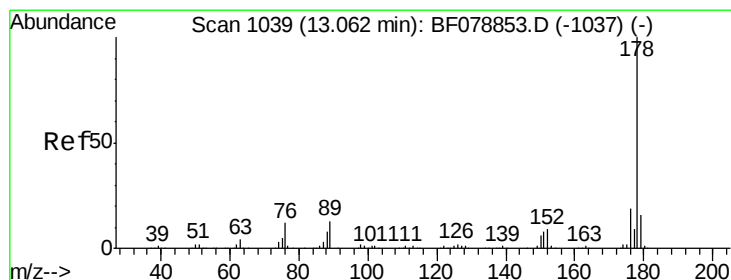
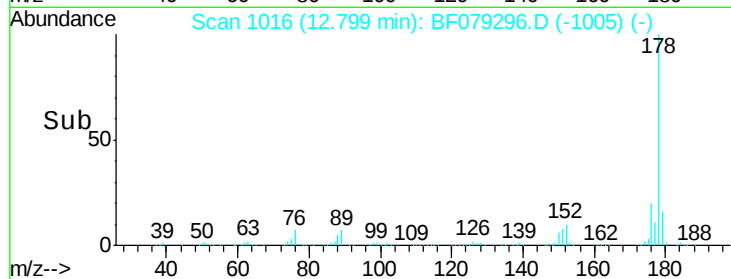
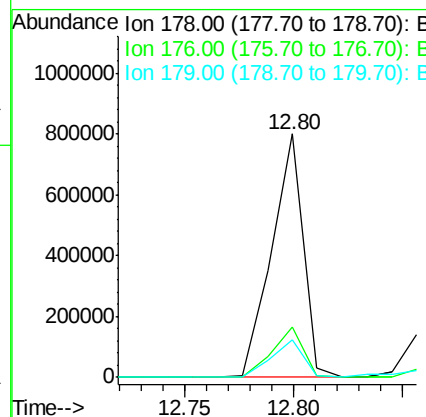
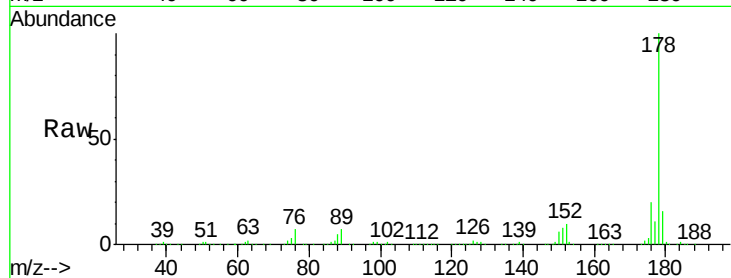
#70  
Phenanthrene  
Concen: 58.14 ng  
RT: 12.80 min Scan# 1016  
Delta R.T. -0.00 min  
Lab File: BF079296.D  
Acq: 16 May 2015 6:16

Instrument :  
BNA\_F  
ClientSampled :  
SB-37S

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 20.4  | 15.9  | 23.9  |
| 179     | 15.6  | 12.2  | 18.4  |

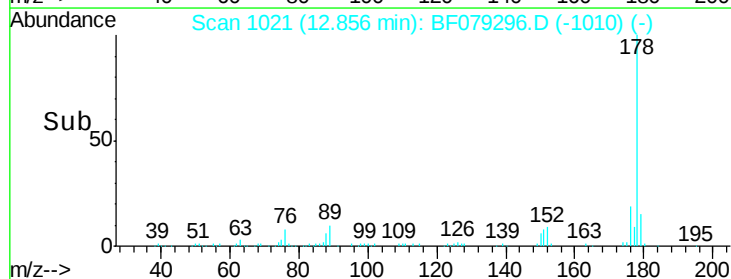
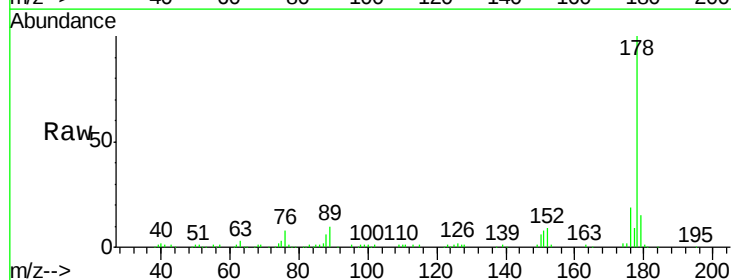
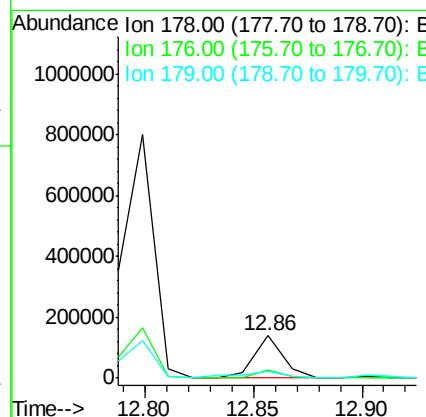
Manual Integrations  
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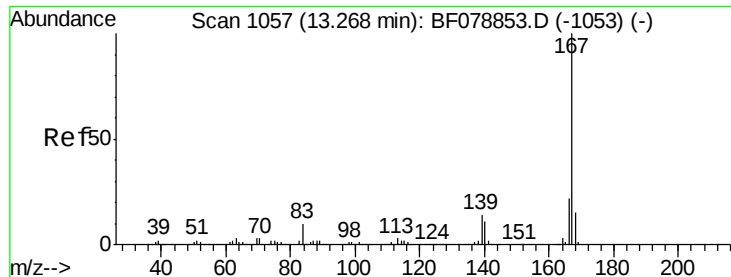
apatel  
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#71  
Anthracene  
Concen: 9.45 ng  
RT: 12.86 min Scan# 1021  
Delta R.T. -0.00 min  
Lab File: BF079296.D  
Acq: 16 May 2015 6:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 18.6  | 15.3  | 22.9  |
| 179     | 15.1  | 12.6  | 19.0  |





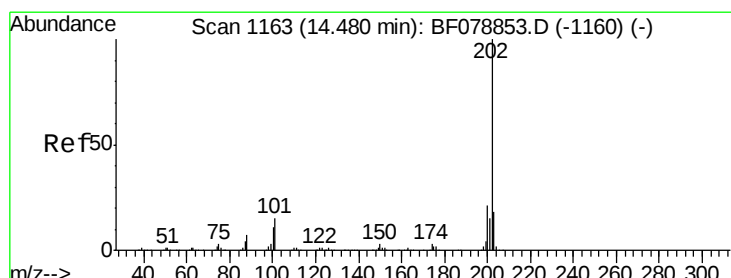
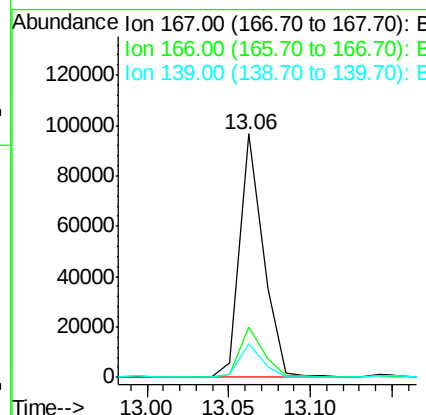
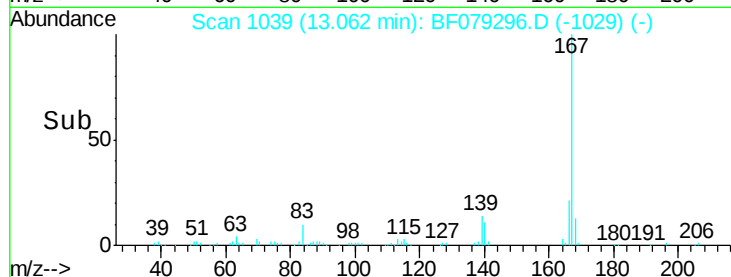
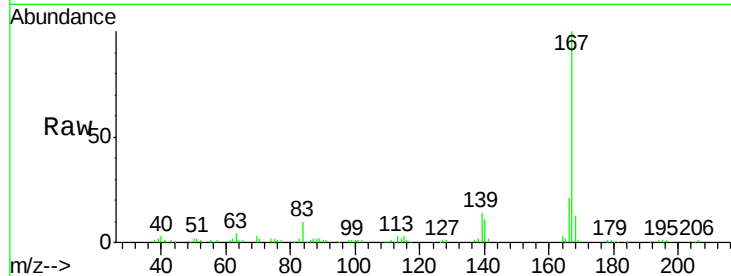
#72  
 Carbazole  
 Concen: 7.34 ng  
 RT: 13.06 min Scan# 1039  
 Delta R.T. -0.01 min  
 Lab File: BF079296.D  
 Acq: 16 May 2015 6:16

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-37S

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 167     | 100   |      |       |       |
| 166     | 20.8  | 17.5 | 26.3  |       |
| 139     | 13.9  | 11.0 | 16.4  |       |

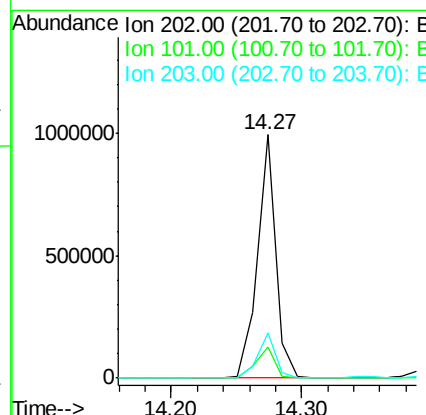
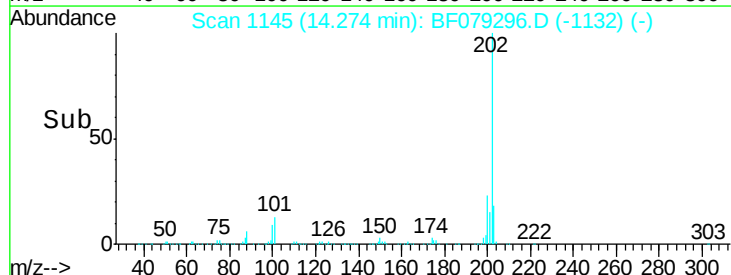
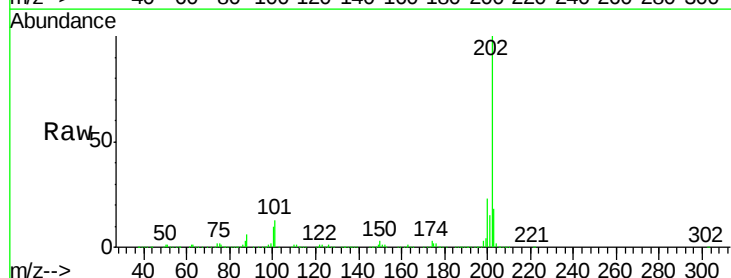
Manual Integrations  
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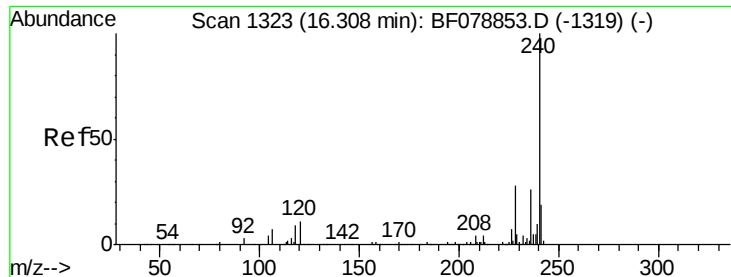
apatel  
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#74  
 Fluoranthene  
 Concen: 66.17 ng  
 RT: 14.27 min Scan# 1145  
 Delta R.T. -0.00 min  
 Lab File: BF079296.D  
 Acq: 16 May 2015 6:16

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 202     | 100   |      |       |       |
| 101     | 12.9  | 0.0  | 34.7  |       |
| 203     | 18.4  | 0.0  | 37.9  |       |





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.05 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF079296.D

Acq: 16 May 2015 6:16

Instrument :

BNA\_F

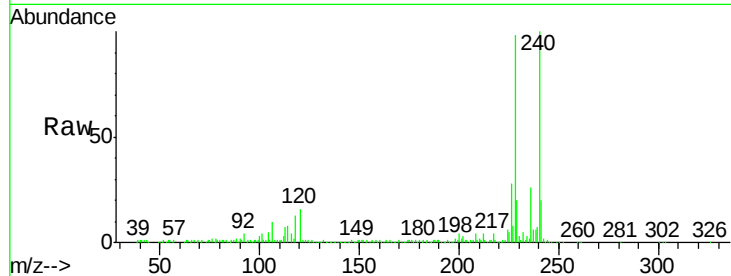
ClientSampled :

SB-37S

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 240     | 100   |            |       |
| 120     | 15.8  | 8.6        | 12.8# |
| 236     | 26.1  | 21.0       | 31.6  |

Manual Integrations  
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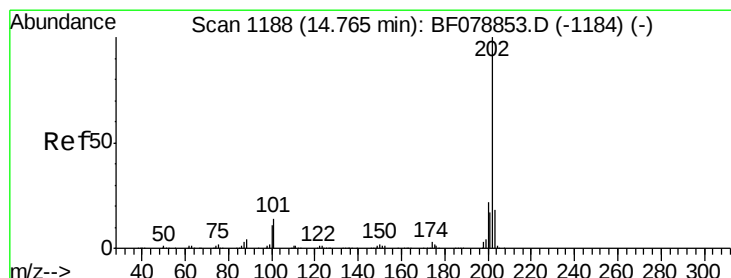
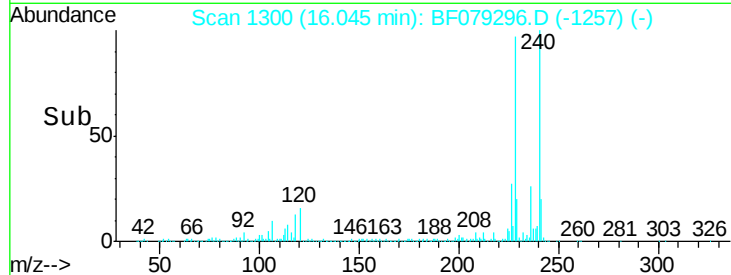
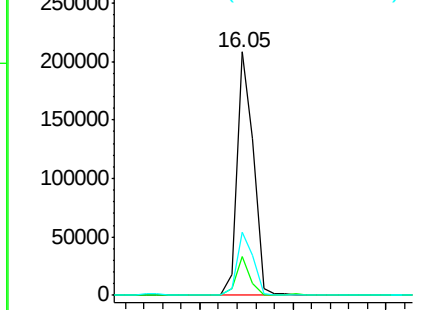
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 57.49 ng

RT: 14.55 min Scan# 1169

Delta R.T. -0.00 min

Lab File: BF079296.D

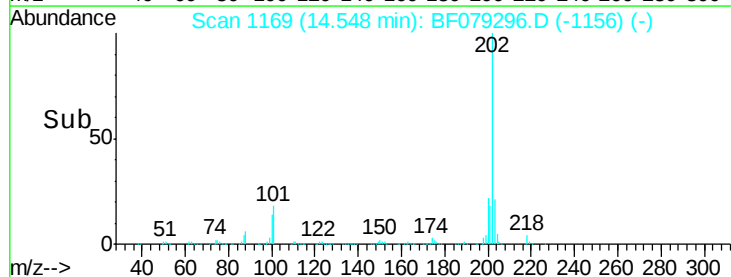
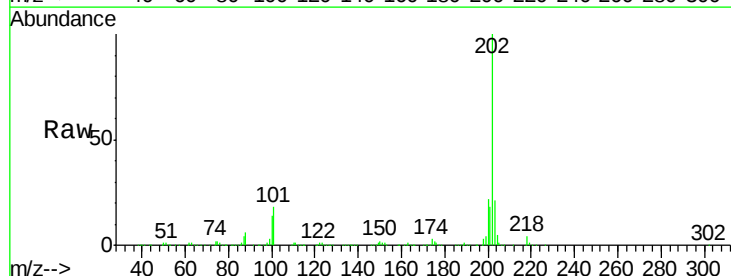
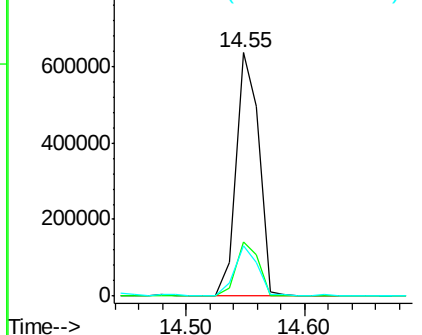
Acq: 16 May 2015 6:16

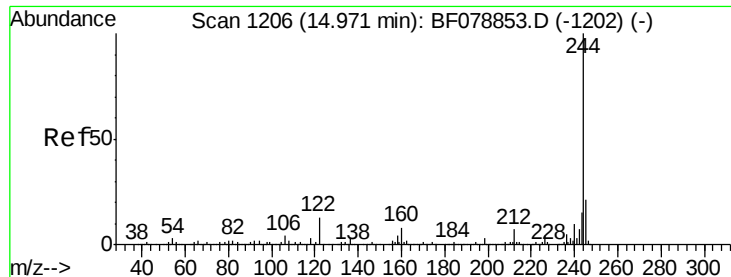
| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 202     | 100   |            |       |
| 200     | 22.1  | 17.5       | 26.3  |
| 203     | 20.7  | 14.7       | 22.1  |

Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 54.59 ng

RT: 14.77 min Scan# 1188

Delta R.T. -0.00 min

Lab File: BF079296.D

Acq: 16 May 2015 6:16

Instrument :

BNA\_F

ClientSampleId :

SB-37S

Tot Ion:244 Resp: 584090

Ion Ratio Lower Upper

244 100

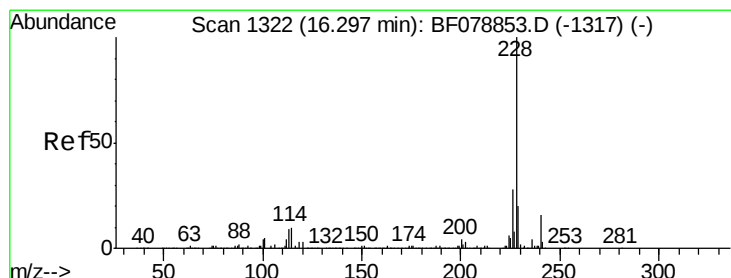
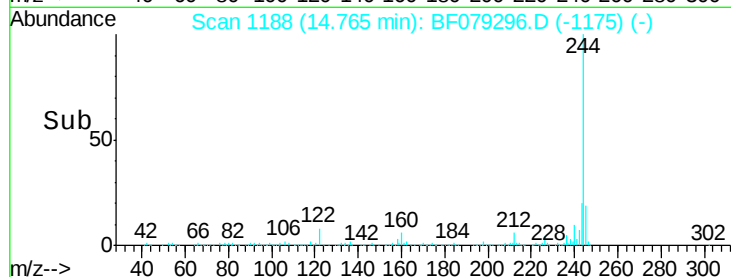
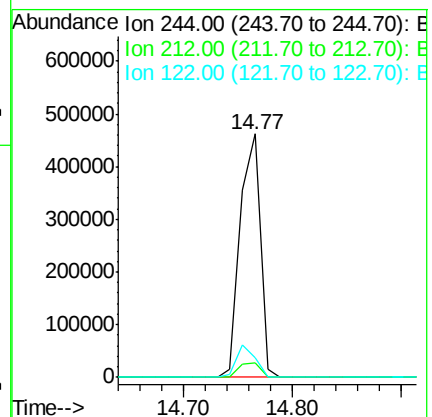
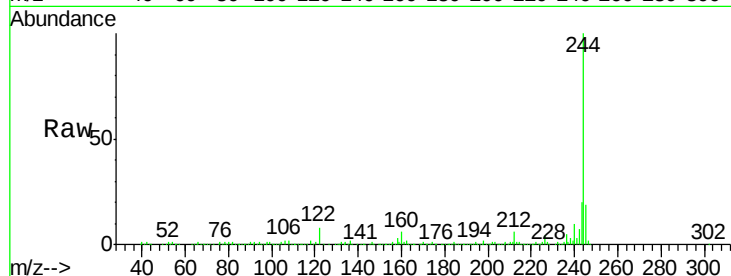
212 6.2 5.6 8.4

122 7.8 10.5 15.7

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#80

Benzo(a)anthracene

Concen: 31.22 ng

RT: 16.03 min Scan# 1299

Delta R.T. -0.00 min

Lab File: BF079296.D

Acq: 16 May 2015 6:16

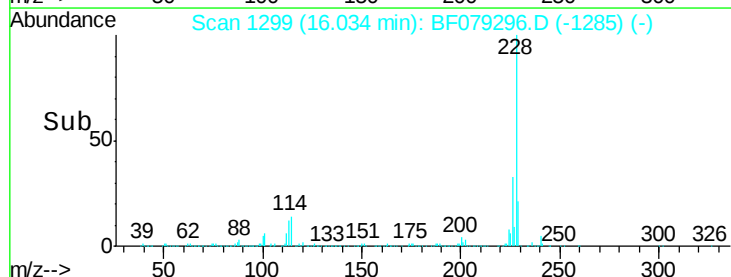
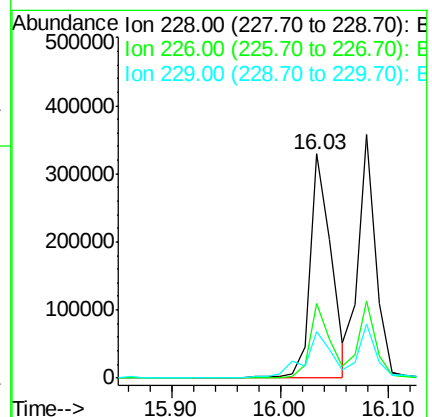
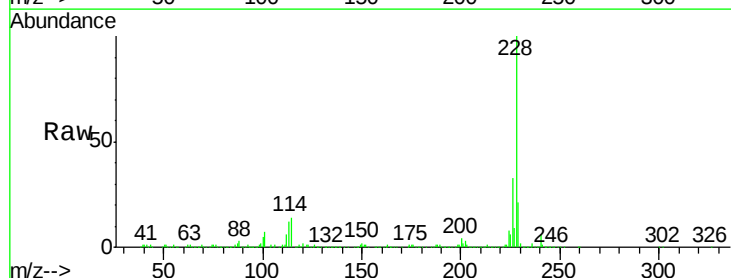
Tgt Ion:228 Resp: 437889

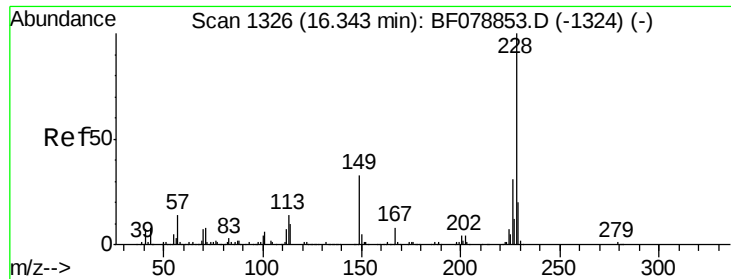
Ion Ratio Lower Upper

228 100

226 33.3 22.3 33.5

229 20.8 16.1 24.1





#82

Chrysene

Concen: 29.43 ng

RT: 16.08 min Scan# 1303

Delta R.T. -0.00 min

Lab File: BF079296.D

Acq: 16 May 2015 6:16

Instrument :

BNA\_F

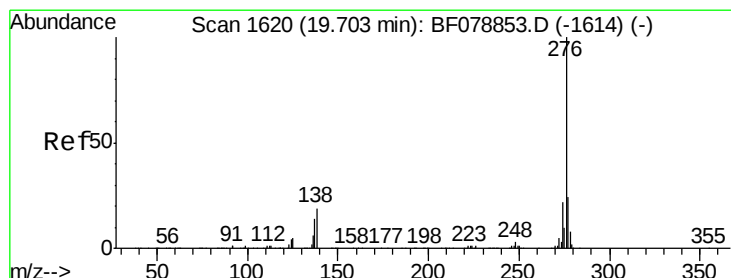
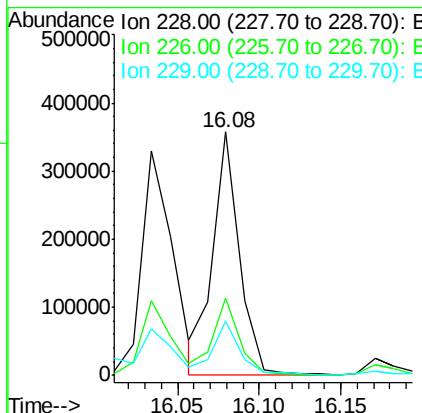
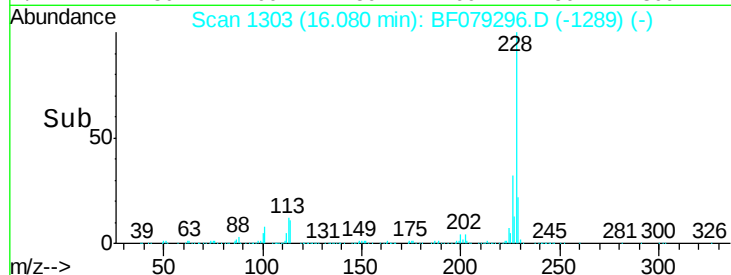
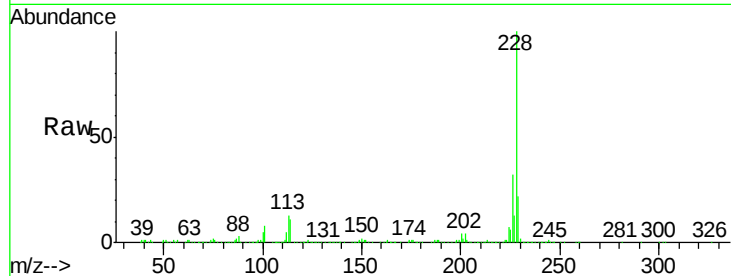
ClientSampleId :

SB-37S

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 228  | Resp: | 397086 |
| Ion Ratio |      | Lower | Upper  |
| 228       | 100  |       |        |
| 226       | 31.6 | 24.8  | 37.2   |
| 229       | 22.4 | 16.1  | 24.1   |

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#85

Indeno(1,2,3-cd)pyrene

Concen: 17.76 ng

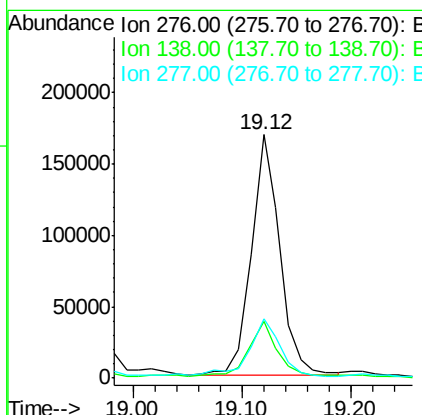
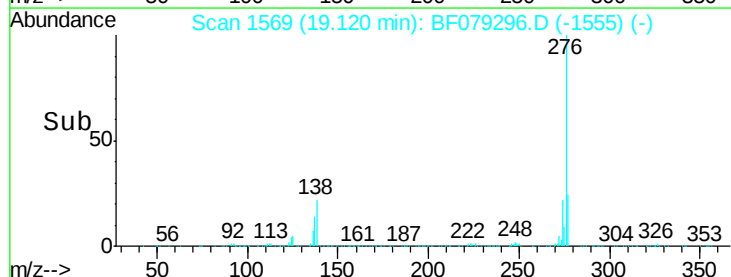
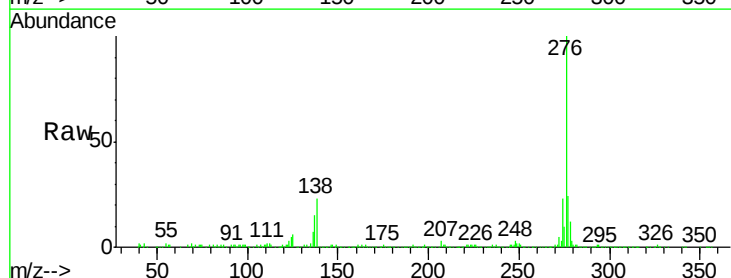
RT: 19.12 min Scan# 1569

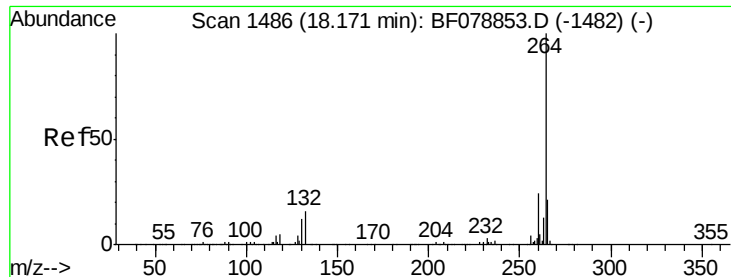
Delta R.T. -0.05 min

Lab File: BF079296.D

Acq: 16 May 2015 6:16

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 276  | Resp: | 305251 |
| Ion Ratio |      | Lower | Upper  |
| 276       | 100  |       |        |
| 138       | 22.3 | 21.1  | 31.7   |
| 277       | 26.4 | 19.9  | 29.9   |





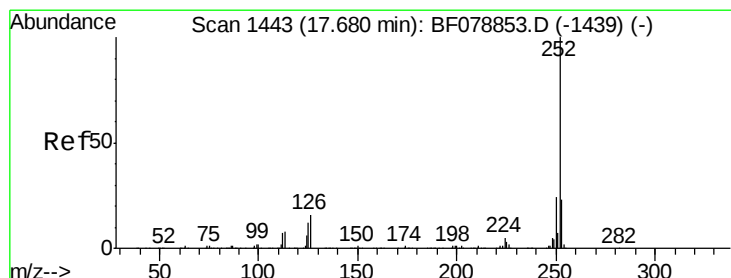
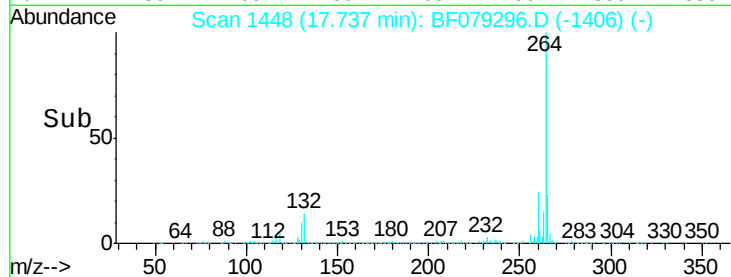
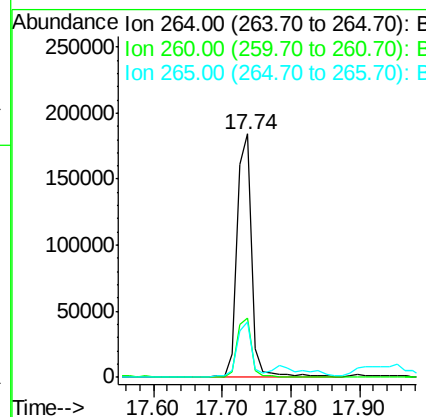
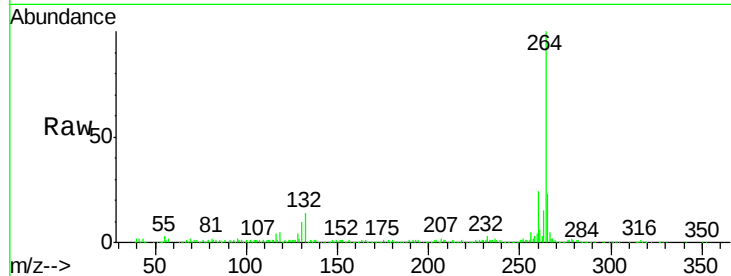
#86  
Pervlene-d12  
Concen: 20.00 ng  
RT: 17.74 min Scan# 1448  
Delta R.T. -0.02 min  
Lab File: BF079296.D  
Acq: 16 May 2015 6:16

Instrument :  
BNA\_F  
ClientSampleId :  
SB-37S

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 264     | 100   |            |       |
| 260     | 24.4  | 19.2       | 28.8  |
| 265     | 23.0  | 17.2       | 25.8  |

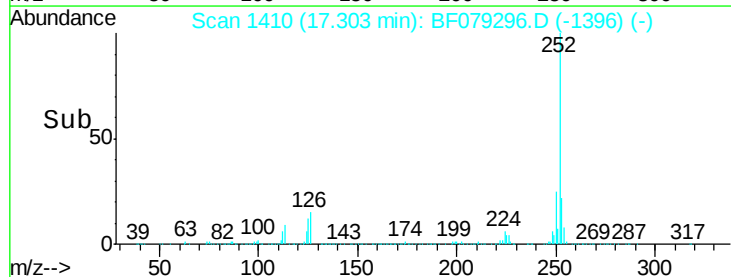
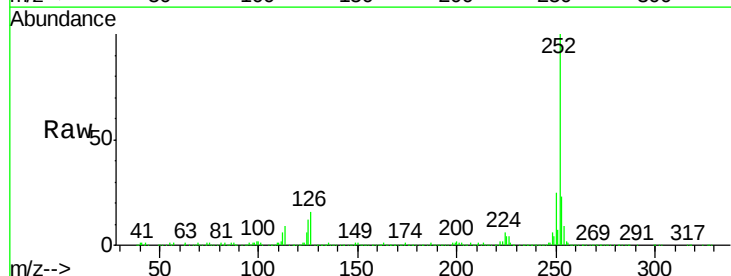
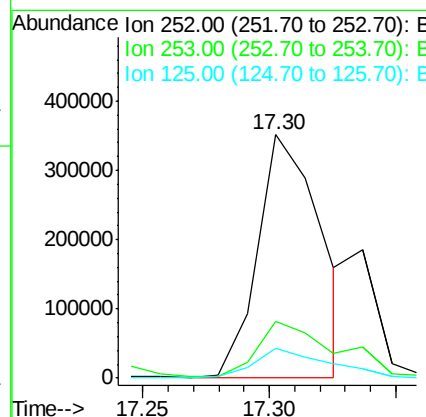
Manual Integrations  
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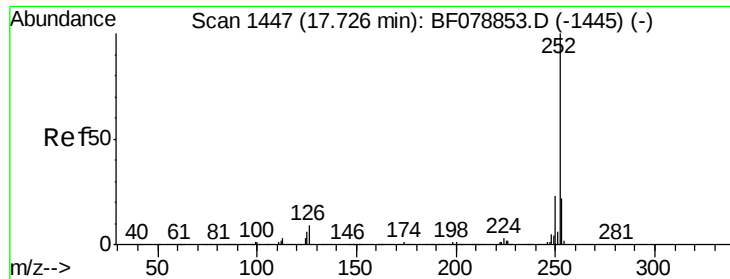
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#87  
Benzo(b)fluoranthene  
Concen: 40.91 ng m  
RT: 17.30 min Scan# 1410  
Delta R.T. -0.02 min  
Lab File: BF079296.D  
Acq: 16 May 2015 6:16

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 252     | 100   |            |       |
| 253     | 23.3  | 18.1       | 27.1  |
| 125     | 12.3  | 9.4        | 14.2  |





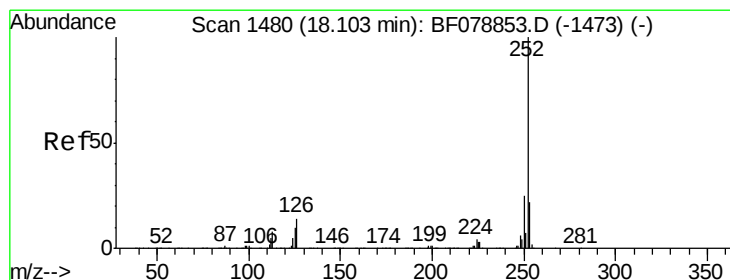
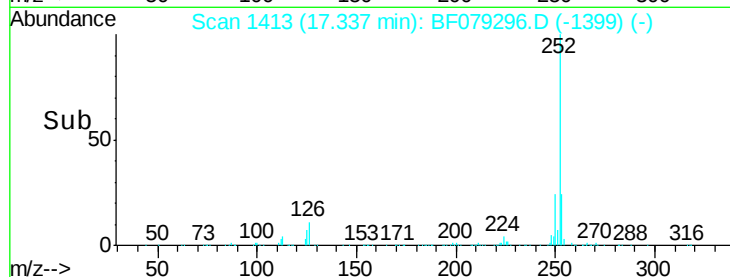
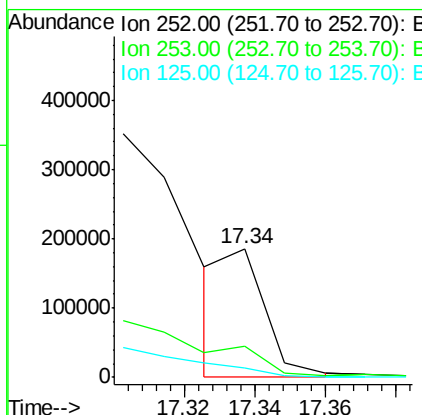
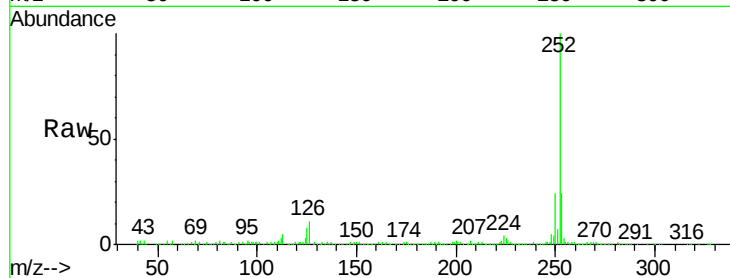
#88  
Benzo(k)fluoranthene  
Concen: 9.98 ng m  
RT: 17.34 min Scan# 1413  
Delta R.T. -0.02 min  
Lab File: BF079296.D  
Acq: 16 May 2015 6:16

Instrument :  
BNA\_F  
ClientSampleId :  
SB-37S

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 24.3  | 17.4  | 26.0  |
| 125     | 7.5   | 6.1   | 9.1   |

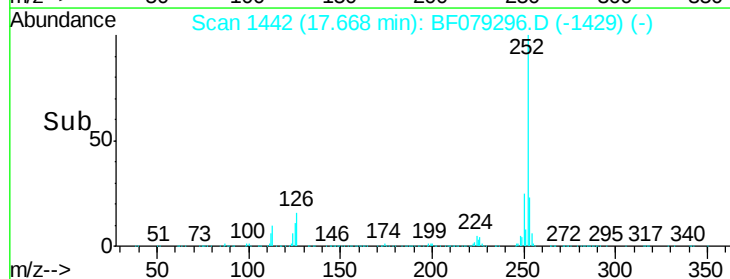
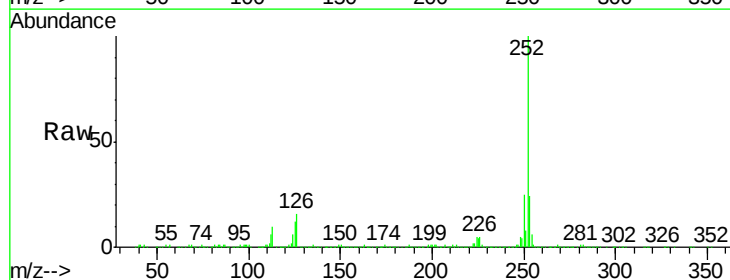
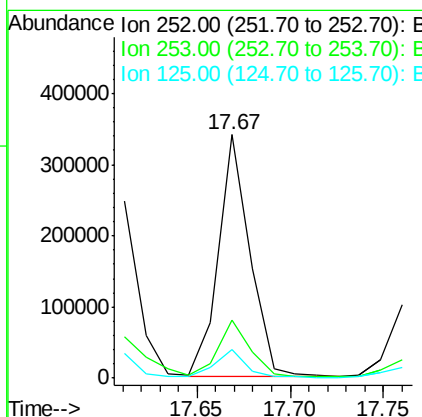
Manual Integrations  
APPROVED

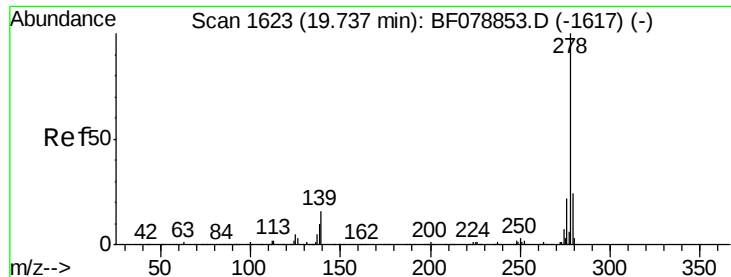
apatel  
5/18/2015 3:42:01 PM



#89  
Benzo(a)pyrene  
Concen: 29.06 ng  
RT: 17.67 min Scan# 1442  
Delta R.T. -0.03 min  
Lab File: BF079296.D  
Acq: 16 May 2015 6:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 23.6  | 18.0  | 27.0  |
| 125     | 11.9  | 8.2   | 12.2  |





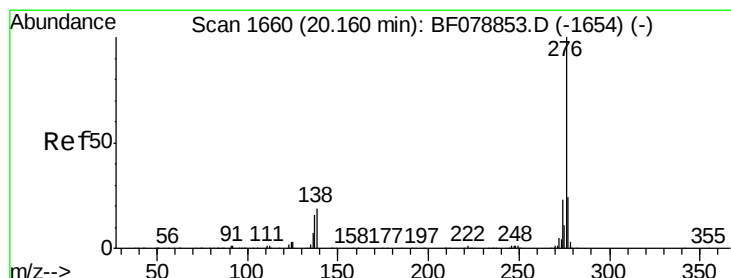
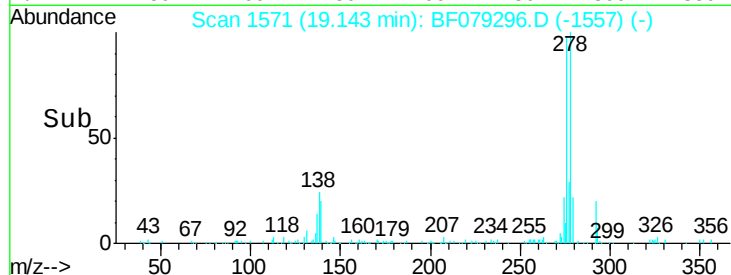
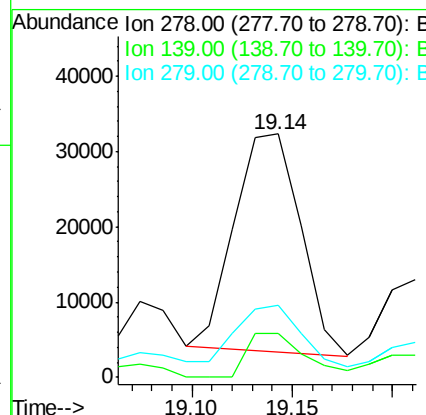
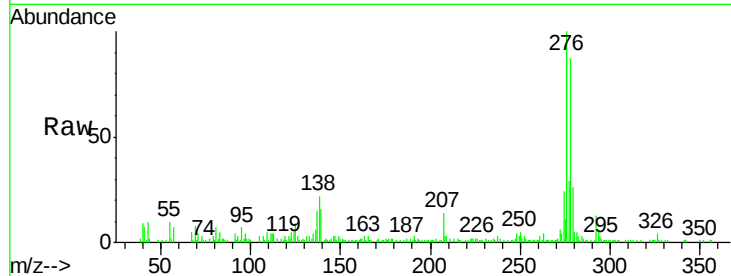
#90  
Dibenzo(a,h)anthracene  
Concen: 4.46 ng/mL  
RT: 19.14 min Scan# 1571  
Delta R.T. -0.05 min  
Lab File: BF079296.D  
Acq: 16 May 2015 6:16

Instrument :  
BNA\_F  
ClientSampleId :  
SB-37S

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 278   | Resp: | 65729 |
| Ion Ratio | Lower | Upper |       |
| 278       | 100   |       |       |
| 139       | 18.1  | 13.1  | 19.7  |
| 279       | 29.7  | 19.1  | 28.7# |

Manual Integrations  
APPROVED

apatel  
5/18/2015 3:42:01 PM



#91  
Benzo(g,h,i)perylene  
Concen: 21.61 ng/mL  
RT: 19.53 min Scan# 1605  
Delta R.T. -0.05 min  
Lab File: BF079296.D  
Acq: 16 May 2015 6:16

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 276   | Resp: | 318901 |
| Ion Ratio | Lower | Upper |        |
| 276       | 100   |       |        |
| 277       | 24.0  | 18.8  | 28.2   |
| 138       | 22.6  | 15.2  | 22.8   |

