

Data Path : Z:\HPCHEM1\BNA E\DATA\BE082916\  
 Data File : BE092285.D  
 Acq On : 29 Aug 2016 12:09  
 Operator : UM/SJ  
 Sample : SSTDICC0.1  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDICC0.1

Manual Integrations  
 APPROVED

sohil  
 8/30/2016 4:50:01 PM

Quant Time: Aug 29 14:59:08 2016  
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE082916.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Aug 29 14:42:58 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.19  | 152  | 11201    | 5.00 | ng    | 0.00     |
| 7) Naphthalene-d8         | 10.95 | 136  | 52274    | 5.00 | ng    | -0.02    |
| 12) Acenaphthene-d10      | 14.83 | 164  | 28465    | 5.00 | ng    | 0.00     |
| 18) Phenanthrene-d10      | 17.58 | 188  | 73227    | 5.00 | ng    | 0.00     |
| 24) Chrysene-d12          | 21.75 | 240  | 81814    | 5.00 | ng    | 0.00     |
| 31) Perylene-d12          | 24.12 | 264  | 79324    | 5.00 | ng    | 0.00     |

|                             |       |     |      |      |    |      |
|-----------------------------|-------|-----|------|------|----|------|
| System Monitoring Compounds |       |     |      |      |    |      |
| 4) 2-Fluorophenol           | 5.70  | 112 | 271  | 0.11 | ng | 0.00 |
| 5) Phenol-d6                | 7.38  | 99  | 363  | 0.10 | ng | 0.00 |
| 8) Nitrobenzene-d5          | 9.39  | 82  | 358m | 0.10 | ng | 0.02 |
| 13) 2,4,6-Tribromophenol    | 16.33 | 330 | 79   | 0.09 | ng | 0.00 |
| 14) 2-Fluorobiphenyl        | 13.46 | 172 | 1037 | 0.12 | ng | 0.00 |
| 26) Terphenyl-d14           | 20.19 | 244 | 1256 | 0.09 | ng | 0.00 |

|                                |       |     |        |      |    |        |
|--------------------------------|-------|-----|--------|------|----|--------|
| Target Compounds               |       |     |        |      |    | Qvalue |
| 2) 1,4-Dioxane                 | 3.43  | 88  | 210    | 0.15 | ng | 91     |
| 3) n-Nitrosodimethylamine      | 3.81  | 42  | 171    | 0.10 | ng | # 91   |
| 6) bis(2-Chloroethyl)ether     | 7.61  | 93  | 242    | 0.08 | ng | # 80   |
| 9) Naphthalene                 | 11.01 | 128 | 1349   | 0.12 | ng | # 91   |
| 10) Hexachlorobutadiene        | 11.30 | 225 | 211    | 0.12 | ng | 99     |
| 11) 2-Methylnaphthalene        | 12.66 | 142 | 764    | 0.10 | ng | # 96   |
| 15) Acenaphthylene             | 14.54 | 152 | 5327   | 0.11 | ng | 99     |
| 16) Acenaphthene               | 14.88 | 154 | 1008   | 0.13 | ng | 92     |
| 17) Fluorene                   | 15.88 | 166 | 1085   | 0.11 | ng | 99     |
| 19) Hexachlorobenzene          | 16.89 | 284 | 333    | 0.11 | ng | # 100  |
| 20) Pentachlorophenol          | 17.28 | 266 | 65     | 0.11 | ng | 91     |
| 21) Phenanthrene               | 17.63 | 178 | 2142m  | 0.11 | ng |        |
| 22) Anthracene                 | 17.72 | 178 | 1719   | 0.10 | ng | 99     |
| 23) Fluoranthene               | 19.63 | 202 | 8035   | 0.11 | ng | 99     |
| 25) Pyrene                     | 19.99 | 202 | 8455   | 0.09 | ng | 99     |
| 27) Benzo(a)anthracene         | 21.72 | 228 | 11918m | 0.12 | ng |        |
| 28) Chrysene                   | 21.79 | 228 | 7697m  | 0.08 | ng |        |
| 29) Bis(2-ethylhexyl)phthalate | 21.66 | 149 | 602    | 0.05 | ng | # 100  |
| 30) Indeno(1,2,3-cd)pyrene     | 26.65 | 276 | 7701   | 0.08 | ng | 98     |
| 32) Benzo(b)fluoranthene       | 23.39 | 252 | 1816   | 0.09 | ng | # 87   |
| 33) Benzo(k)fluoranthene       | 23.44 | 252 | 2330   | 0.11 | ng | # 89   |
| 34) Benzo(a)pyrene             | 24.02 | 252 | 1938   | 0.10 | ng | # 81   |
| 35) Dibenzo(a,h)anthracene     | 26.67 | 278 | 1435   | 0.08 | ng | # 74   |
| 36) Benzo(g,h,i)perylene       | 27.42 | 276 | 7412   | 0.09 | ng | # 87   |

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

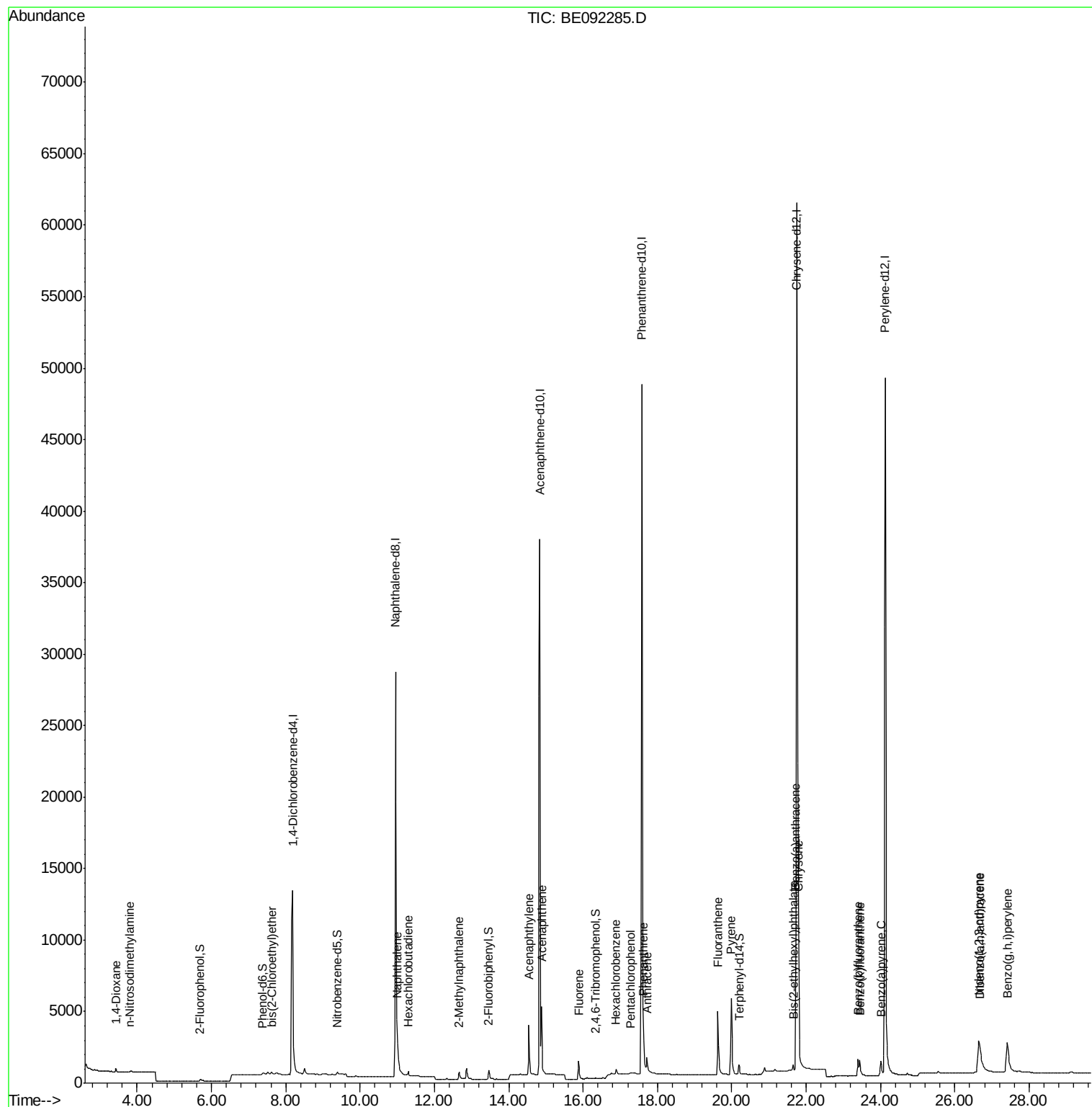
Data Path : Z:\HPCHEM1\BNA E\DATA\BE082916\  
Data File : BE092285.D  
Acq On : 29 Aug 2016 12:09  
Operator : UM/SJ  
Sample : SSTDIC0.1  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

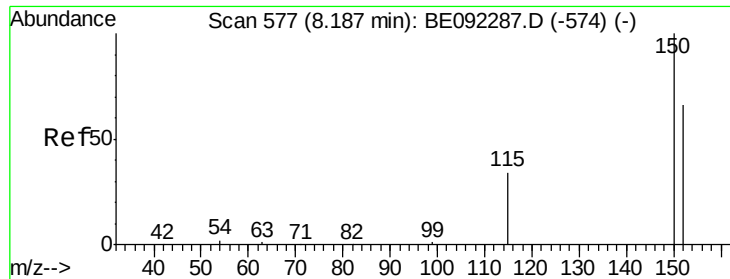
Instrument :  
BNA\_E  
ClientSampleId :  
SSTDIC0.1

Manual Integrations  
APPROVED

sohil  
8/30/2016 4:50:01 PM

Quant Time: Aug 29 14:59:08 2016  
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE082916.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Aug 29 14:42:58 2016  
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.19 min Scan# 577

Delta R.T. 0.00 min

Lab File: BE092285.D

Acq: 29 Aug 2016 12:09

Instrument :

BNA\_E

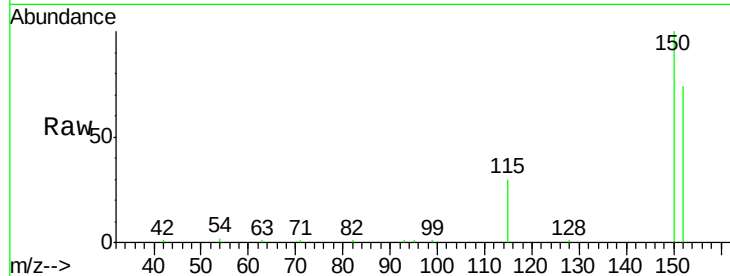
ClientSampleId :

SSTDIC0.1

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 135.9 | 135.6 | 203.4 |
| 115     | 41.2  | 59.4  | 89.0  |

Manual Integrations  
APPROVED

sohil  
8/30/2016 4:50:01 PM

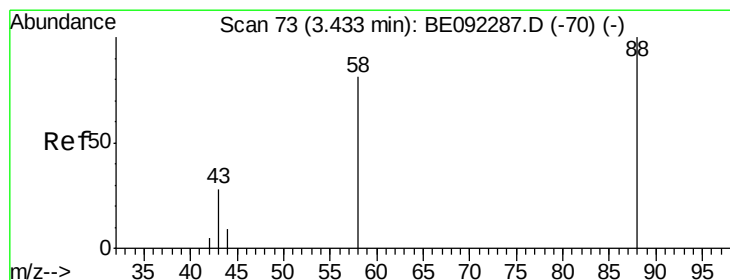
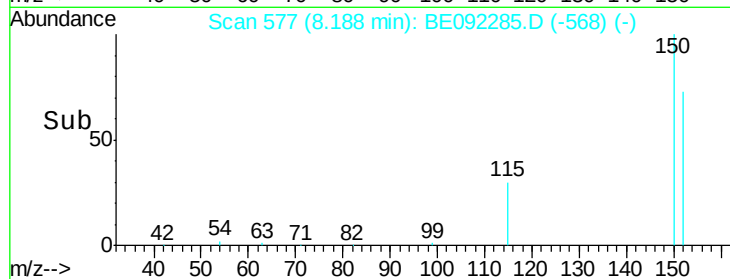
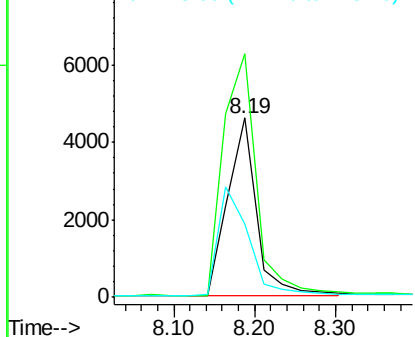


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.15 ng

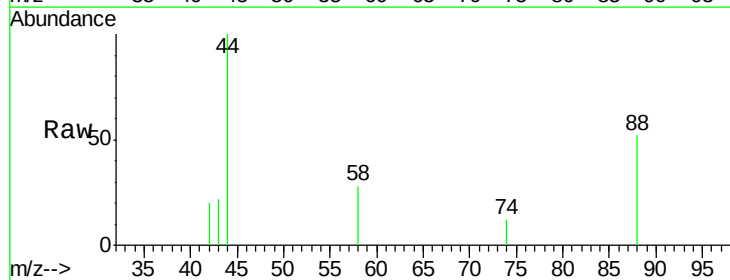
RT: 3.43 min Scan# 73

Delta R.T. 0.00 min

Lab File: BE092285.D

Acq: 29 Aug 2016 12:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 72.4  | 64.4  | 96.6  |
| 43      | 36.2  | 33.4  | 50.2  |

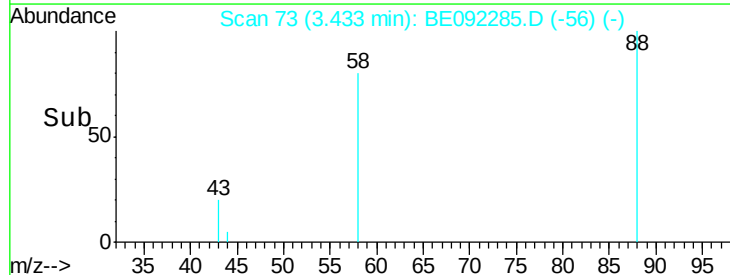
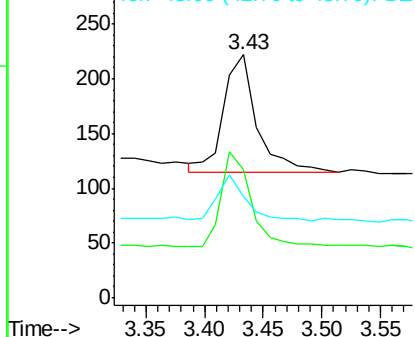


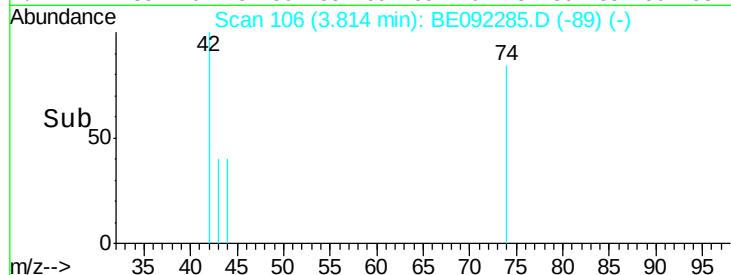
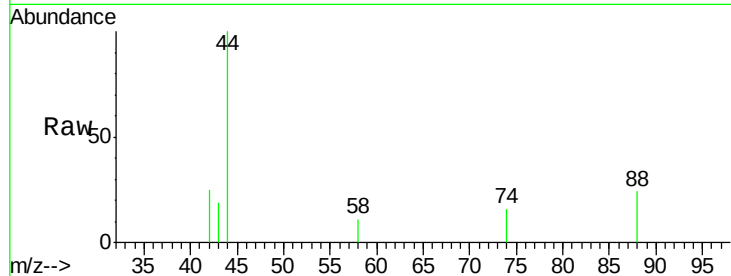
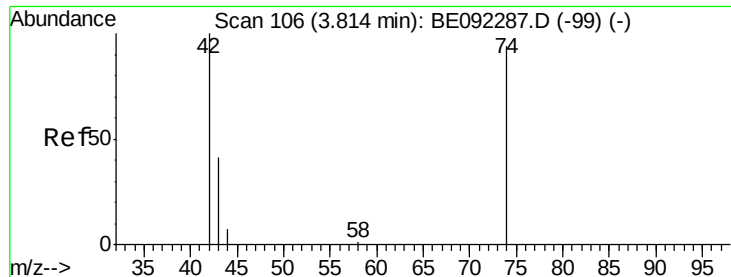
Abundance

Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





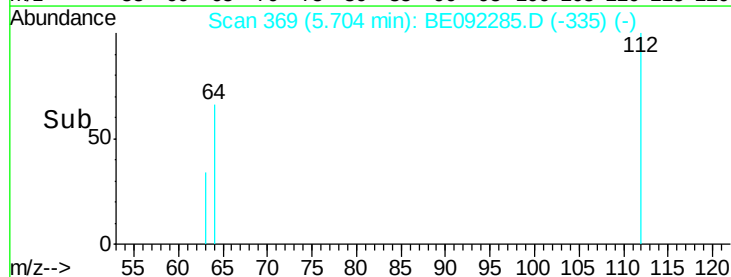
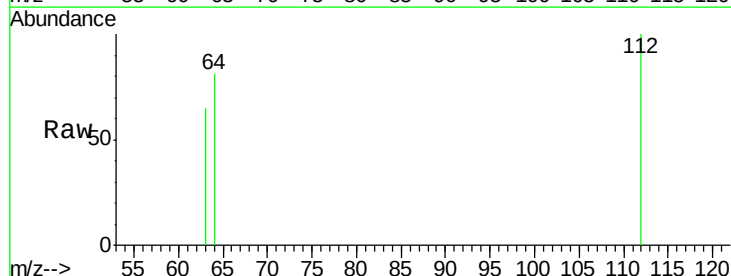
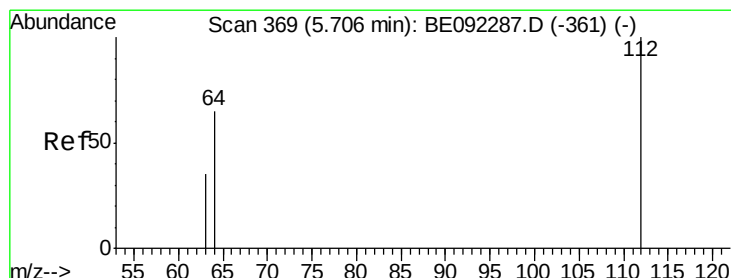
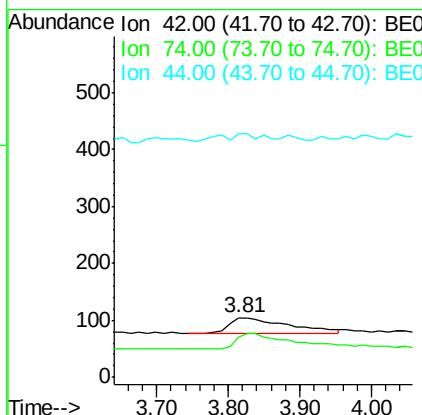
#3  
n-Nitrosodimethylamine  
Concen: 0.10 ng  
RT: 3.81 min Scan# 106  
Delta R.T. 0.00 min  
Lab File: BE092285.D  
Acq: 29 Aug 2016 12:09

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 74      | 89.5  | 77.2  | 115.8 |
| 44      | 17.0  | 5.0   | 7.4#  |

Instrument :  
BNA\_E  
ClientSampleId :  
SSTDIC0.1

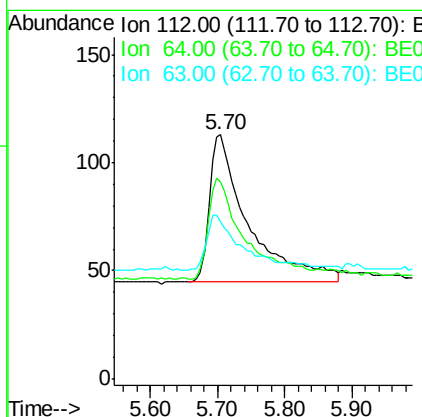
Manual Integrations  
APPROVED

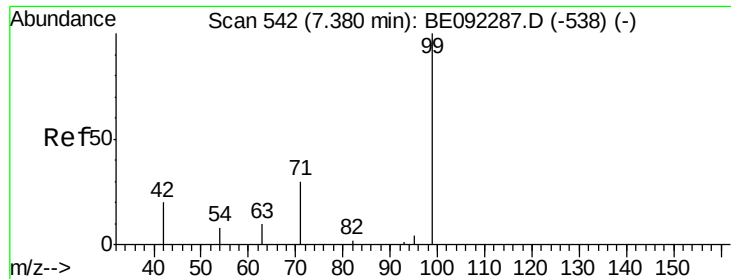
sohil  
8/30/2016 4:50:01 PM



#4  
2-Fluorophenol  
Concen: 0.11 ng  
RT: 5.70 min Scan# 369  
Delta R.T. -0.00 min  
Lab File: BE092285.D  
Acq: 29 Aug 2016 12:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 66.4  | 53.2  | 79.8  |
| 63      | 33.2  | 27.4  | 41.2  |





#5

Phenol-d6

Concen: 0.10 ng

RT: 7.38 min Scan# 542

Delta R.T. 0.00 min

Lab File: BE092285.D

Acq: 29 Aug 2016 12:09

Instrument :

BNA\_E

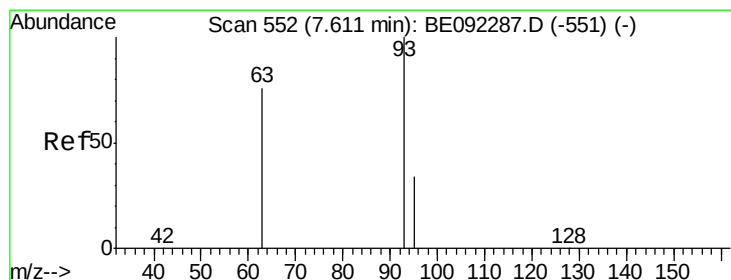
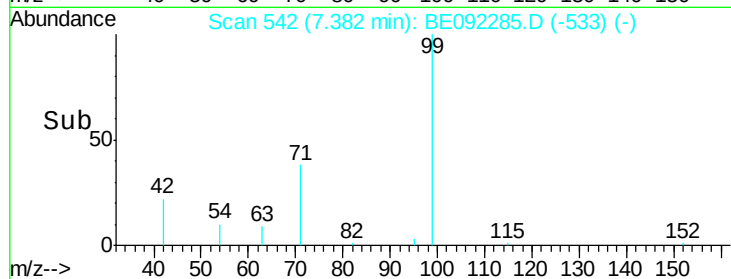
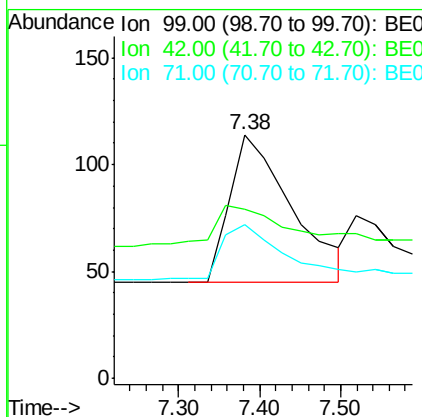
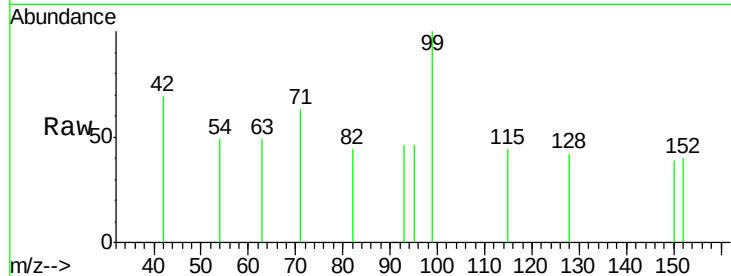
ClientSampled :

SSTDICC0.1

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 99    | Resp: | 363   |
| Ion      | Ratio | Lower | Upper |
| 99       | 100   |       |       |
| 42       | 0.0   | 0.0   | 0.0   |
| 71       | 38.8  | 29.8  | 44.8  |

Manual Integrations  
APPROVED

sohil  
8/30/2016 4:50:01 PM



#6

bis(2-Chloroethyl)ether

Concen: 0.08 ng

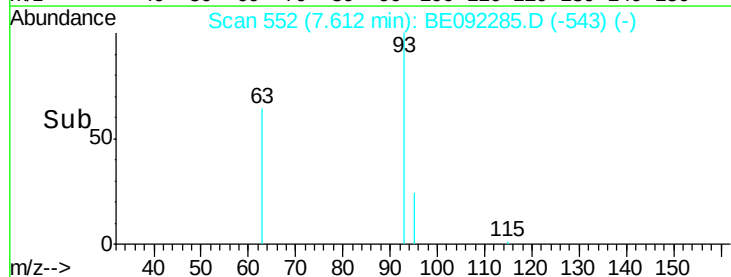
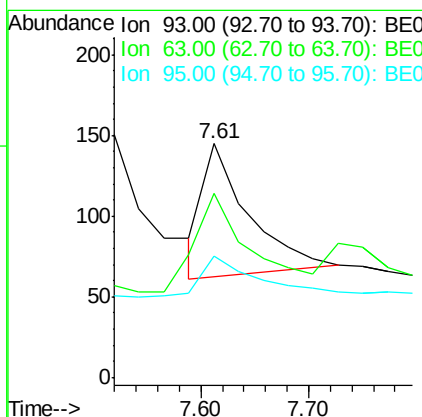
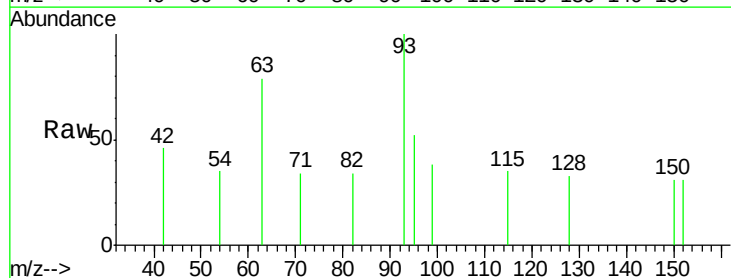
RT: 7.61 min Scan# 552

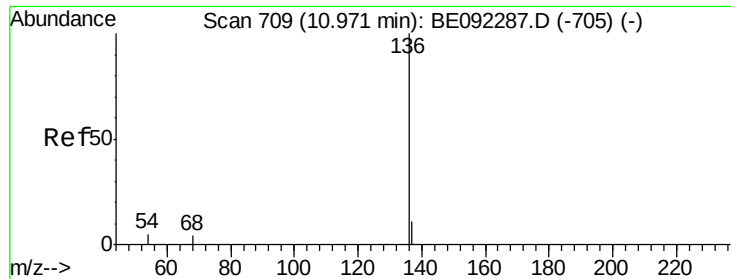
Delta R.T. 0.00 min

Lab File: BE092285.D

Acq: 29 Aug 2016 12:09

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 93    | Resp: | 242    |
| Ion      | Ratio | Lower | Upper  |
| 93       | 100   |       |        |
| 63       | 107.9 | 68.5  | 102.7# |
| 95       | 39.3  | 27.2  | 40.8   |





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.95 min Scan# 708

Delta R.T. -0.02 min

Lab File: BE092285.D

Acq: 29 Aug 2016 12:09

Instrument :

BNA\_E

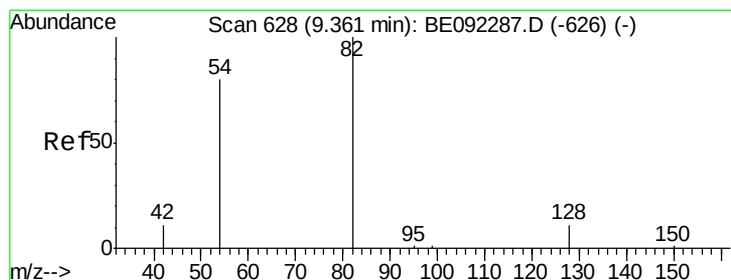
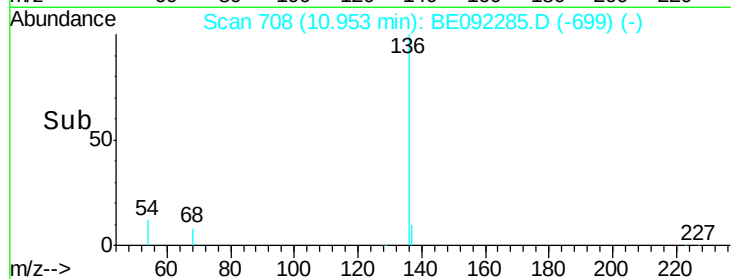
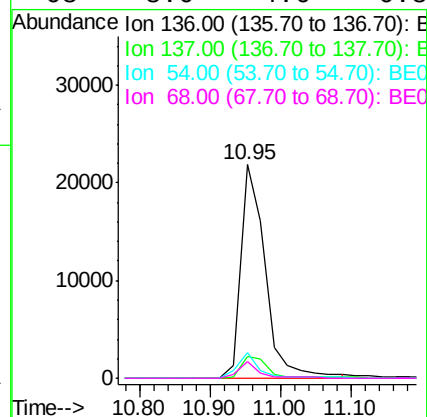
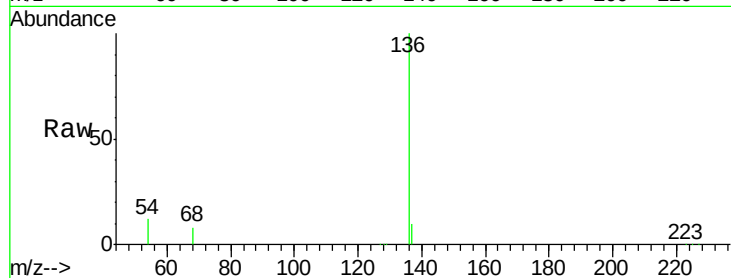
ClientSampleId :

SSTDIC0.1

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 136   | Resp: | 52274 |
| Ion Ratio | Lower | Upper |       |
| 136       | 100   |       |       |
| 137       | 10.3  | 8.8   | 13.2  |
| 54        | 11.9  | 6.2   | 9.4#  |
| 68        | 8.0   | 4.6   | 6.8#  |

Manual Integrations  
APPROVED

sohil  
8/30/2016 4:50:01 PM



#8

Nitrobenzene-d5

Concen: 0.10 ng m

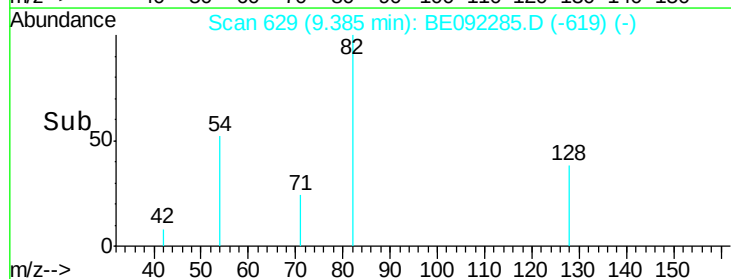
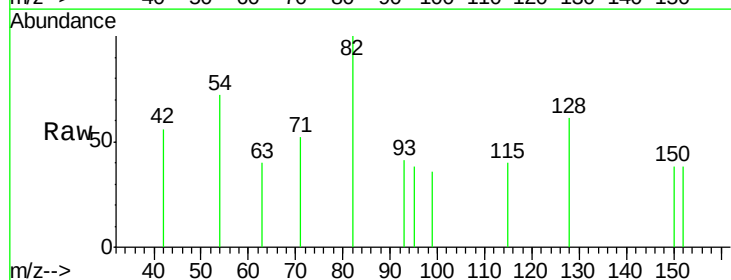
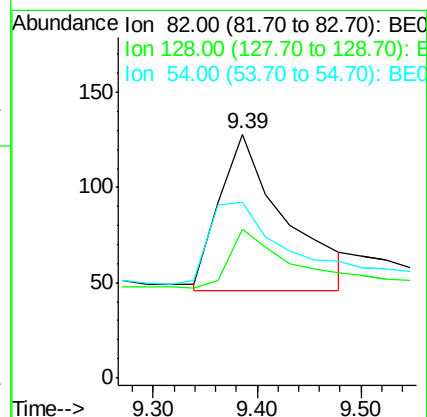
RT: 9.39 min Scan# 629

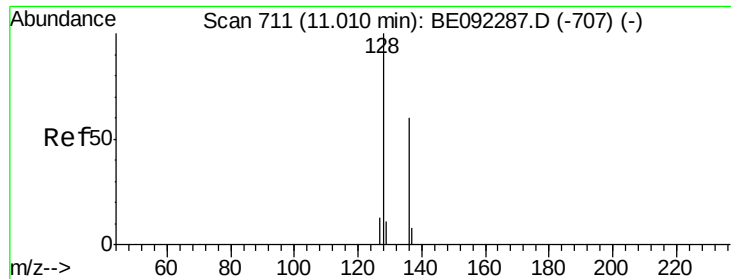
Delta R.T. 0.02 min

Lab File: BE092285.D

Acq: 29 Aug 2016 12:09

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 82    | Resp: | 358   |
| Ion Ratio | Lower | Upper |       |
| 82        | 100   |       |       |
| 128       | 60.9  | 45.0  | 67.4  |
| 54        | 71.9  | 45.4  | 68.2# |





#9

Naphthalene

Concen: 0.12 ng

RT: 11.01 min Scan# 711

Delta R.T. 0.00 min

Lab File: BE092285.D

Acq: 29 Aug 2016 12:09

Instrument :

BNA\_E

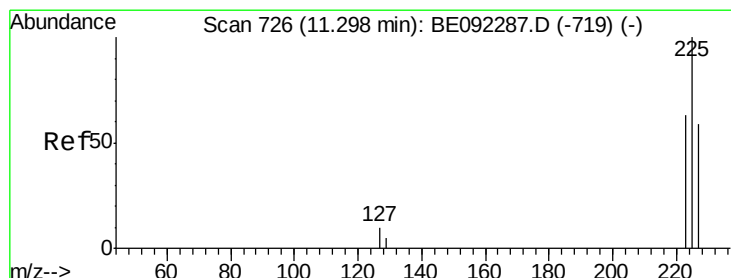
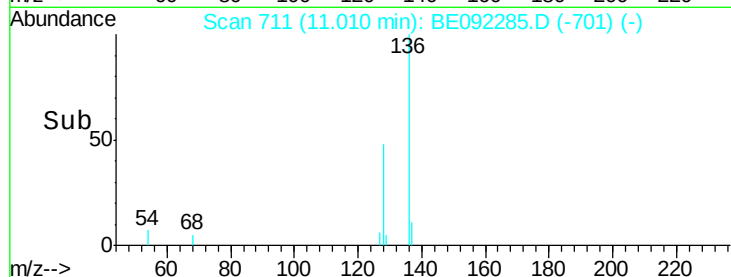
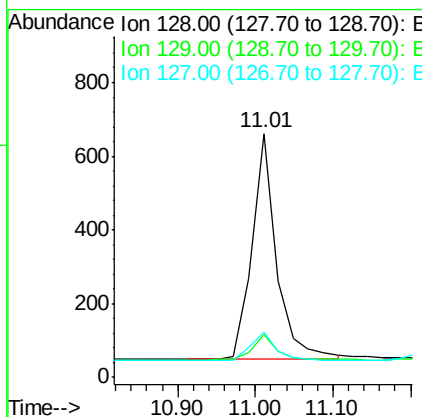
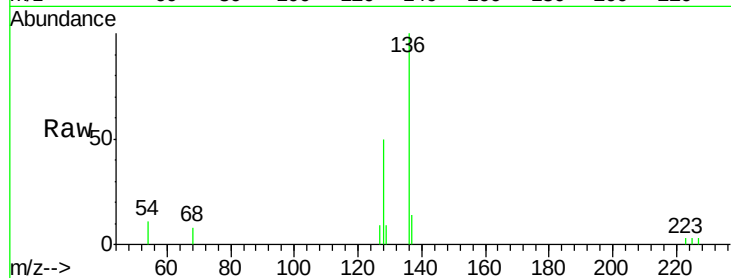
ClientSampleId :

SSTDIC0.1

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 128   | Resp: | 1349  |
| Ion Ratio | Lower | Upper |       |
| 128       | 100   |       |       |
| 129       | 17.4  | 11.5  | 17.3# |
| 127       | 18.5  | 11.0  | 16.6# |

Manual Integrations  
APPROVED

sohil  
8/30/2016 4:50:01 PM



#10

Hexachlorobutadiene

Concen: 0.12 ng

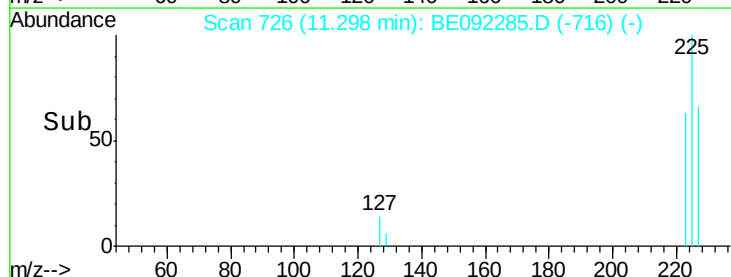
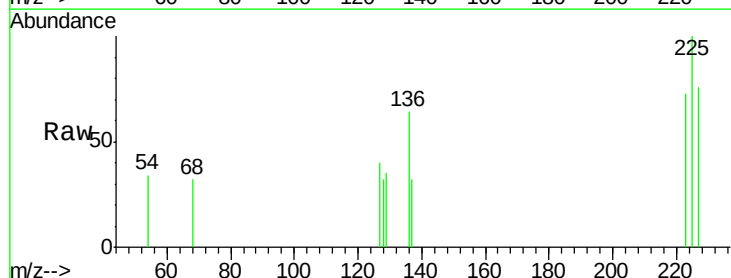
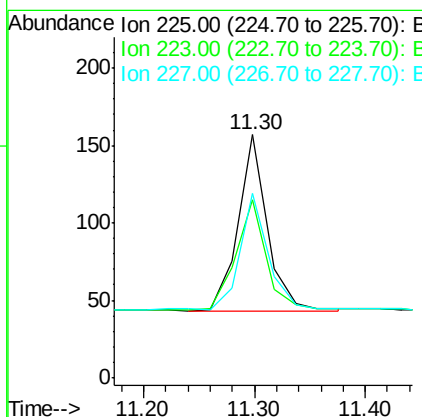
RT: 11.30 min Scan# 726

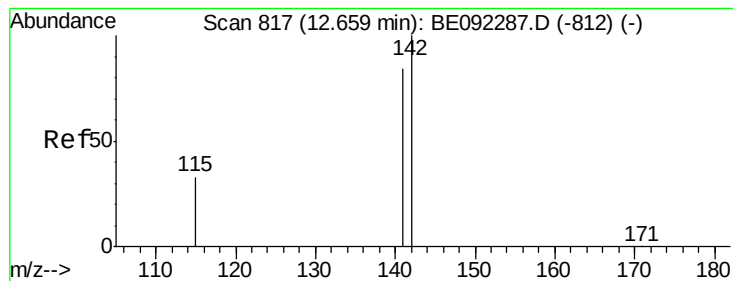
Delta R.T. 0.00 min

Lab File: BE092285.D

Acq: 29 Aug 2016 12:09

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 225   | Resp: | 211  |
| Ion Ratio | Lower | Upper |      |
| 225       | 100   |       |      |
| 223       | 64.0  | 52.2  | 78.4 |
| 227       | 64.0  | 51.0  | 76.6 |





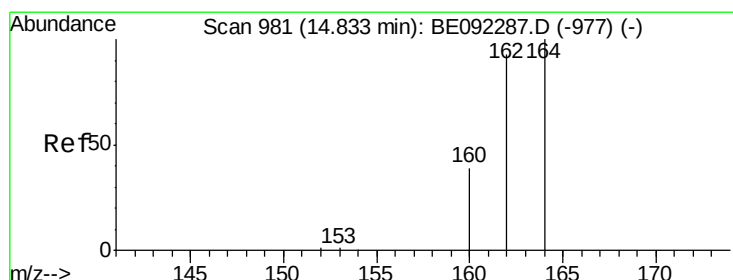
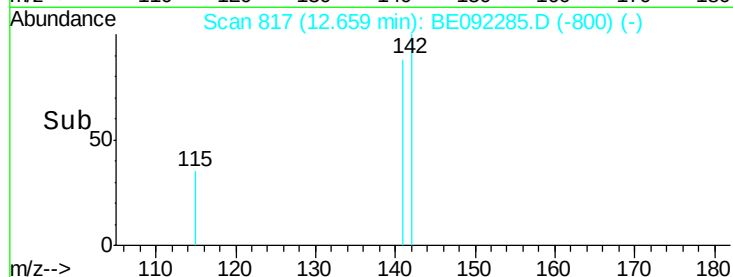
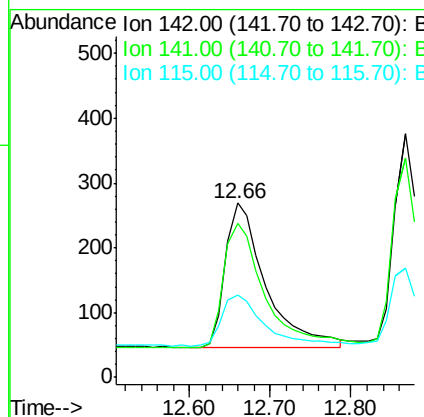
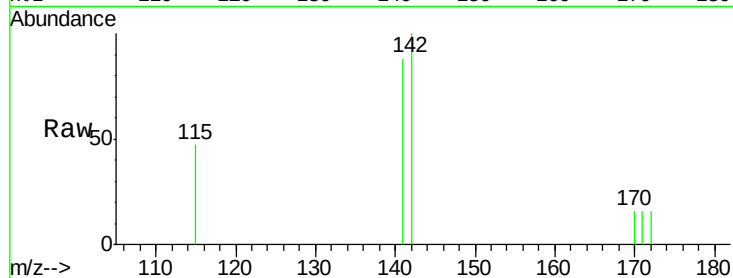
#11  
2-Methylnaphthalene  
Concen: 0.10 ng  
RT: 12.66 min Scan# 817  
Delta R.T. 0.00 min  
Lab File: BE092285.D  
Acq: 29 Aug 2016 12:09

Instrument :  
BNA\_E  
ClientSampled :  
SSTDIC0.1

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 88.1  | 70.6  | 105.8 |
| 115     | 47.2  | 31.0  | 46.4  |

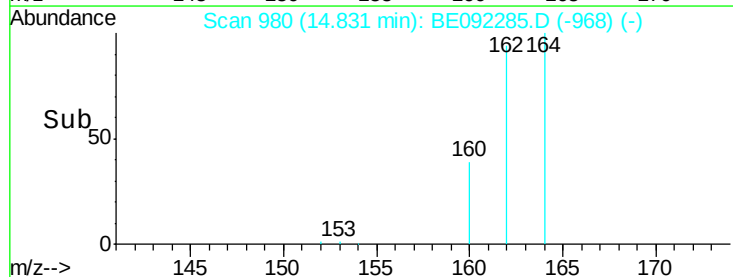
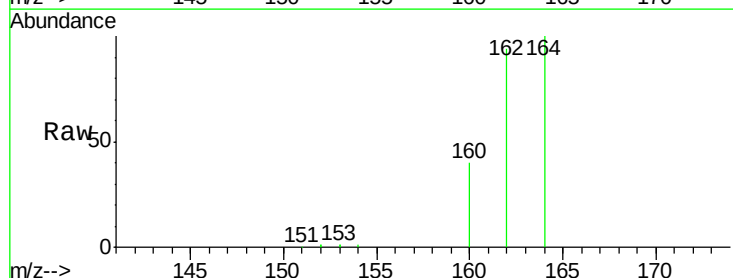
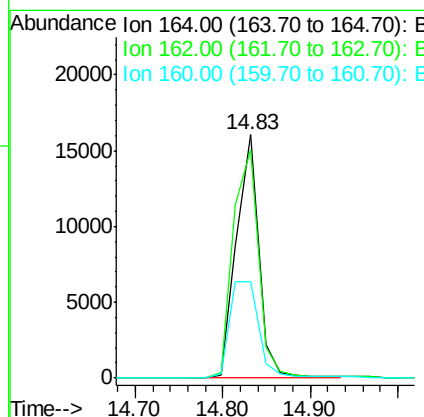
Manual Integrations  
APPROVED

sohil  
8/30/2016 4:50:01 PM

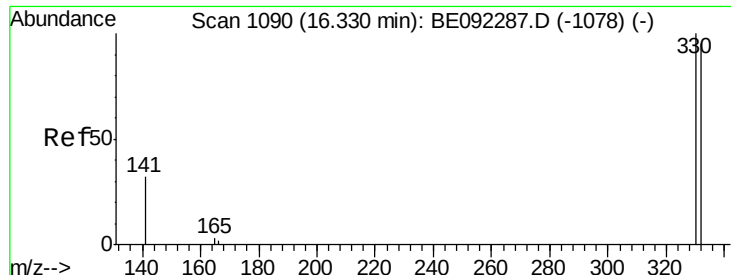


#12  
Acenaphthene-d10  
Concen: 5.00 ng  
RT: 14.83 min Scan# 980  
Delta R.T. -0.00 min  
Lab File: BE092285.D  
Acq: 29 Aug 2016 12:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 93.9  | 83.3  | 124.9 |
| 160     | 39.5  | 38.0  | 57.0  |







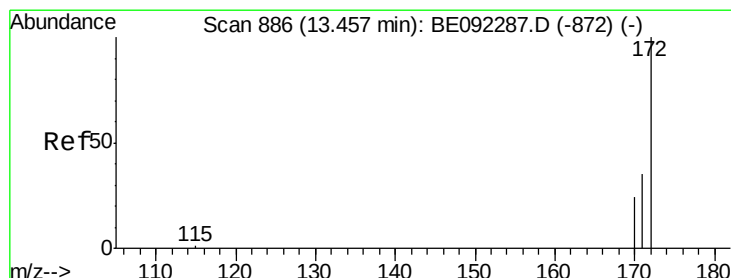
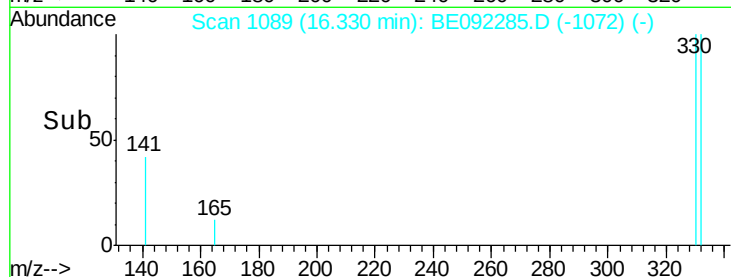
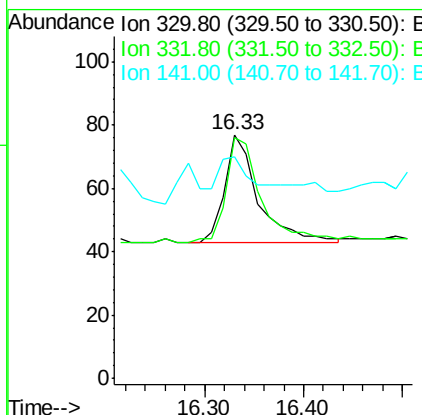
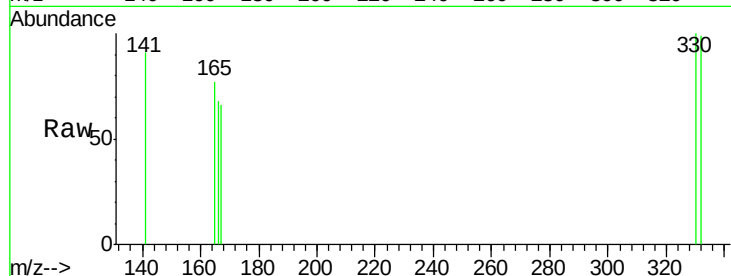
#13  
 2,4,6-Tribromophenol  
 Concen: 0.09 ng  
 RT: 16.33 min Scan# 1089  
 Delta R.T. 0.00 min  
 Lab File: BE092285.D  
 Acq: 29 Aug 2016 12:09

Instrument :  
 BNA\_E  
 ClientSampled :  
 SSTDICC0.1

Tot Ion:330 Resp: 79  
 Ion Ratio Lower Upper  
 330 100  
 332 106.3 75.4 113.0  
 141 24.1 37.7 56.5#

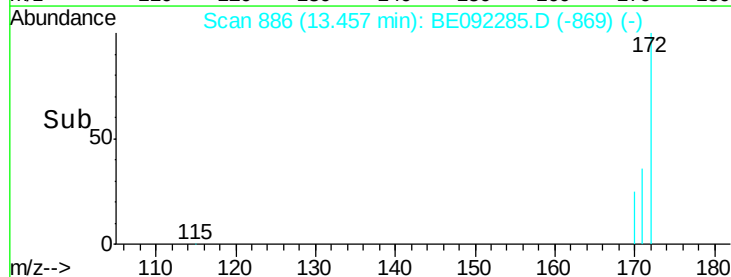
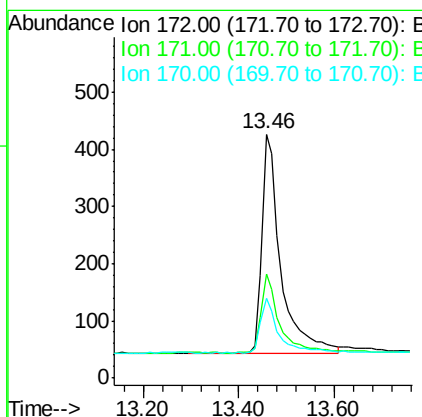
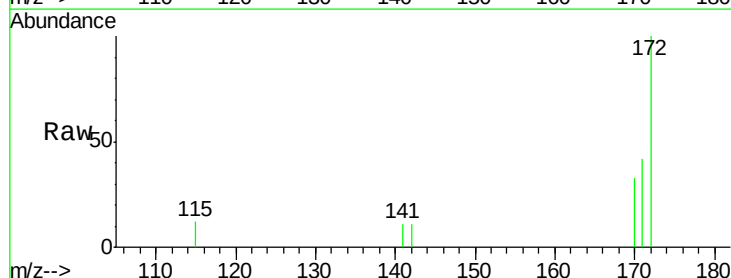
Manual Integrations  
 APPROVED

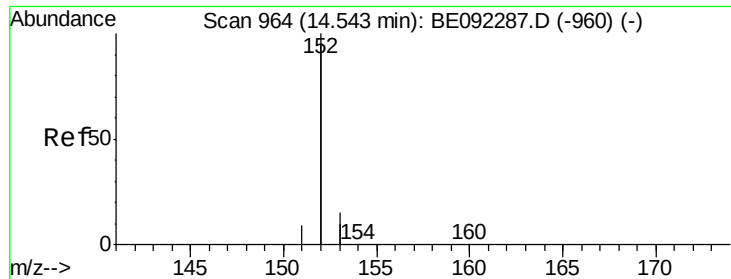
sohil  
 8/30/2016 4:50:01 PM



#14  
 2-Fluorobiphenyl  
 Concen: 0.12 ng  
 RT: 13.46 min Scan# 886  
 Delta R.T. 0.00 min  
 Lab File: BE092285.D  
 Acq: 29 Aug 2016 12:09

Tgt Ion:172 Resp: 1037  
 Ion Ratio Lower Upper  
 172 100  
 171 42.5 26.8 40.2#  
 170 32.6 17.8 26.6#





#15

Acenaphthylene

Concen: 0.11 ng

RT: 14.54 min Scan# 963

Delta R.T. -0.00 min

Lab File: BE092285.D

Acq: 29 Aug 2016 12:09

Instrument :

BNA\_E

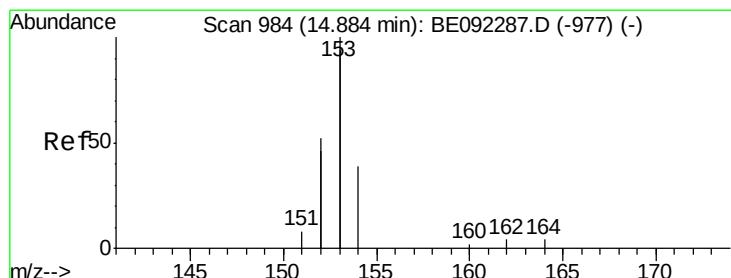
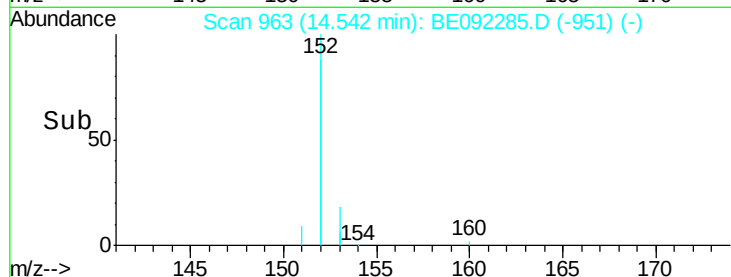
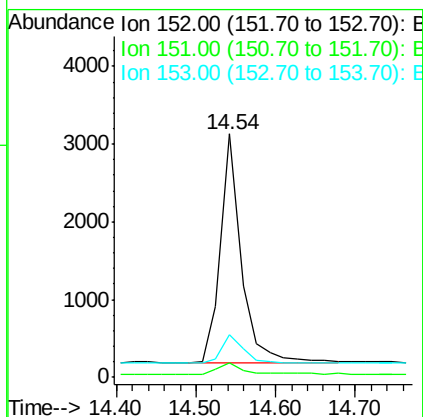
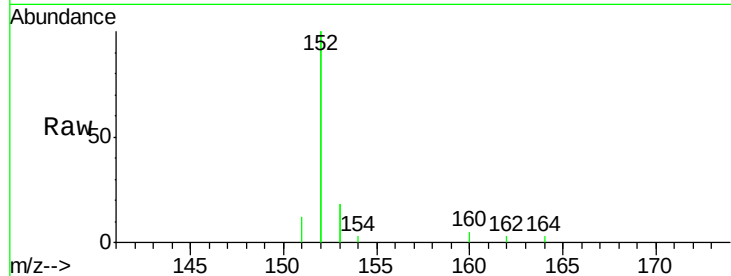
ClientSampleId :

SSTDIC0.1

|           |       |       |      |
|-----------|-------|-------|------|
| Tot Ion:  | 152   | Resp: | 5327 |
| Ion Ratio | Lower | Upper |      |
| 152       | 100   |       |      |
| 151       | 5.0   | 3.8   | 5.8  |
| 153       | 13.2  | 10.2  | 15.2 |

Manual Integrations  
APPROVED

sohil  
8/30/2016 4:50:01 PM



#16

Acenaphthene

Concen: 0.13 ng

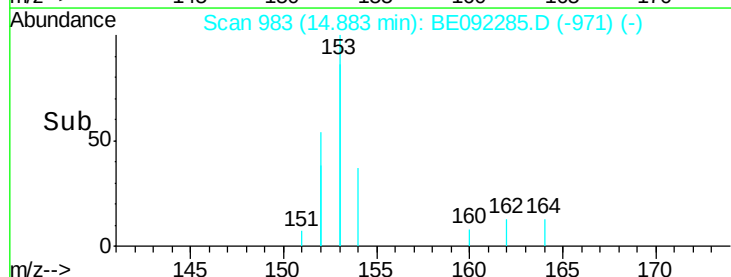
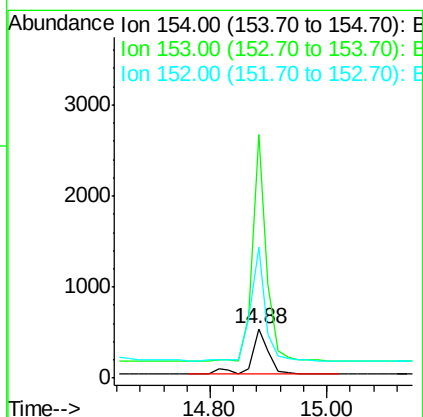
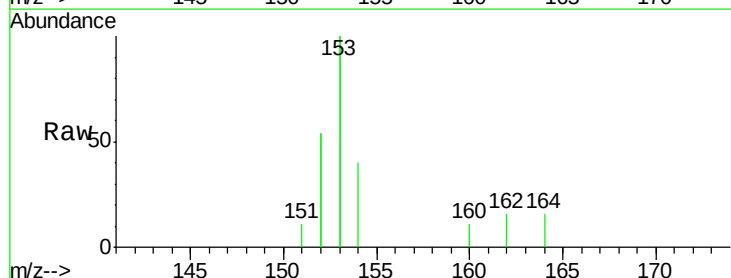
RT: 14.88 min Scan# 983

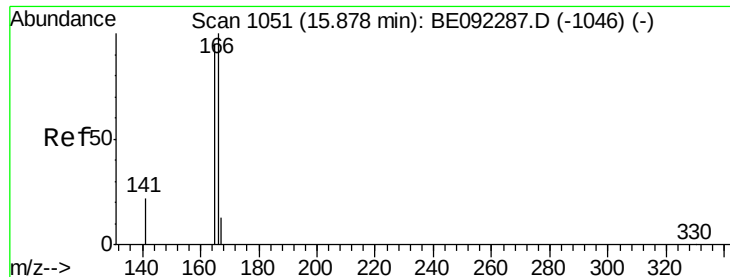
Delta R.T. -0.00 min

Lab File: BE092285.D

Acq: 29 Aug 2016 12:09

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 154   | Resp: | 1008  |
| Ion Ratio | Lower | Upper |       |
| 154       | 100   |       |       |
| 153       | 418.8 | 355.0 | 532.4 |
| 152       | 216.8 | 179.7 | 269.5 |





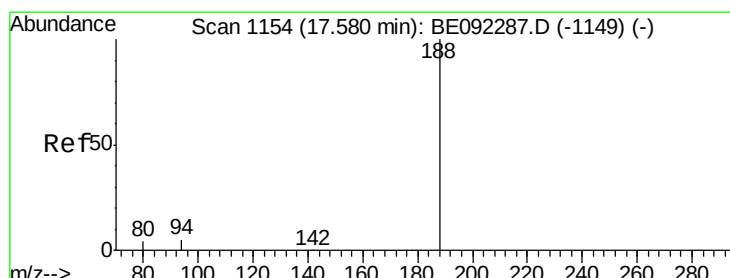
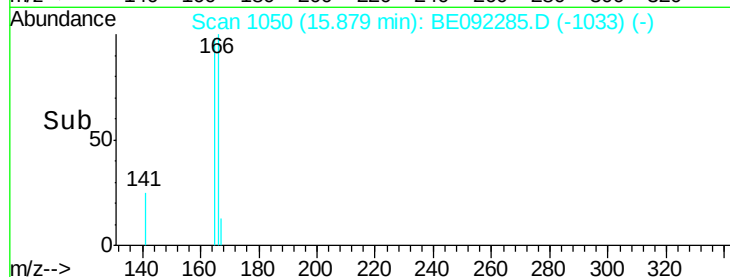
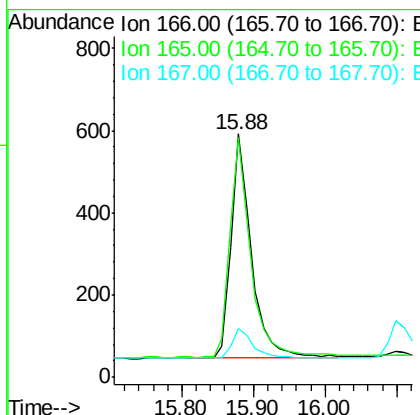
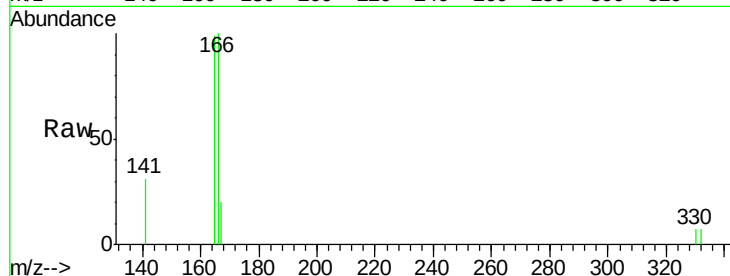
#17  
**Fluorene**  
 Concen: 0.11 ng  
 RT: 15.88 min Scan# 1050  
 Delta R.T. 0.00 min  
 Lab File: BE092285.D  
 Acq: 29 Aug 2016 12:09

Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDICC0.1

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 99.7  | 80.1  | 120.1 |
| 167     | 14.5  | 10.6  | 16.0  |

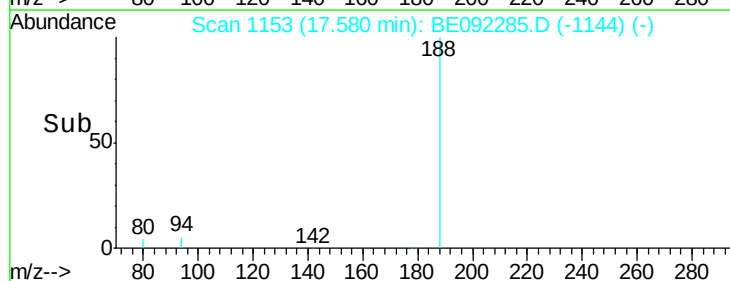
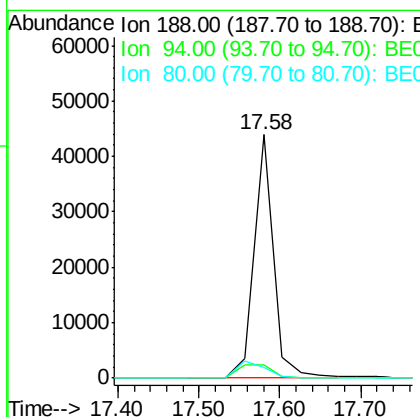
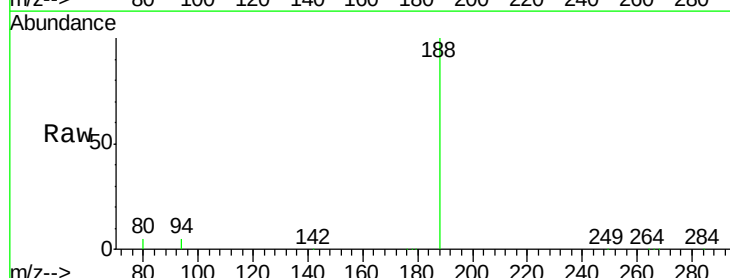
Manual Integrations  
 APPROVED

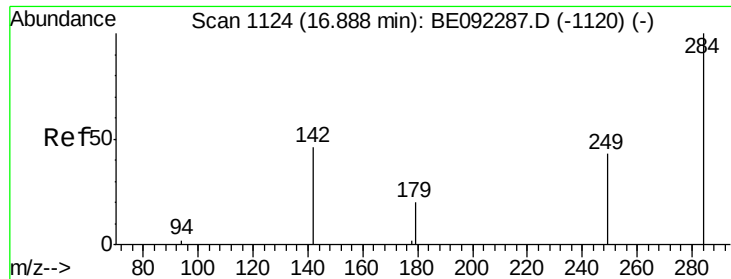
sohil  
 8/30/2016 4:50:01 PM



#18  
**Phenanthrene-d10**  
 Concen: 5.00 ng  
 RT: 17.58 min Scan# 1153  
 Delta R.T. 0.00 min  
 Lab File: BE092285.D  
 Acq: 29 Aug 2016 12:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 188     | 100   |       |       |
| 94      | 5.3   | 9.2   | 13.8# |
| 80      | 4.6   | 9.1   | 13.7# |





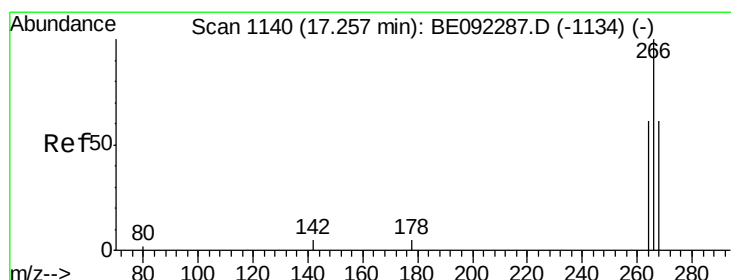
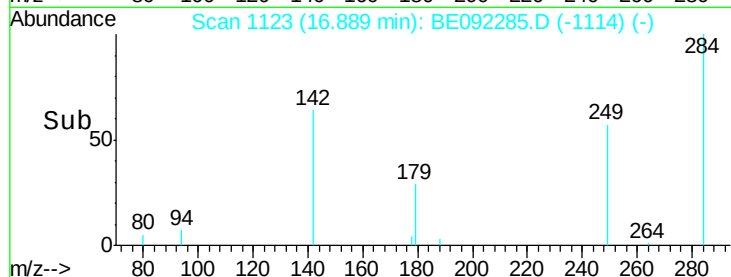
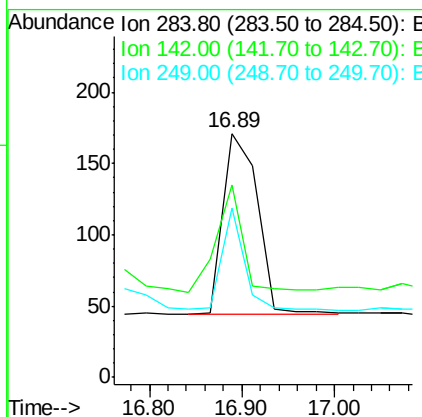
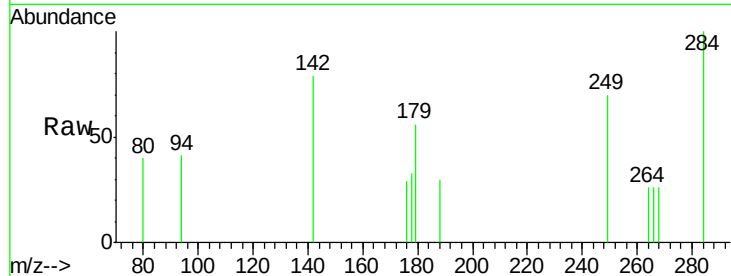
#19  
Hexachlorobenzene  
Concen: 0.11 ng  
RT: 16.89 min Scan# 1123  
Delta R.T. 0.00 min  
Lab File: BE092285.D  
Acq: 29 Aug 2016 12:09

Instrument :  
BNA\_E  
ClientSampled :  
SSTDIC0.1

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 45.6  | 0.0   | 0.0#  |
| 249     | 36.9  | 0.0   | 0.0#  |

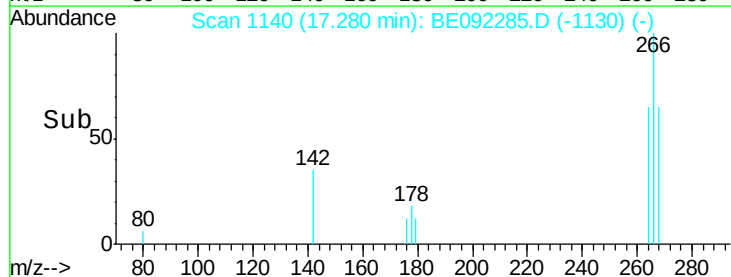
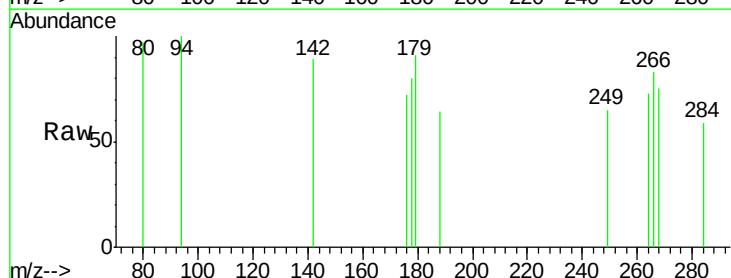
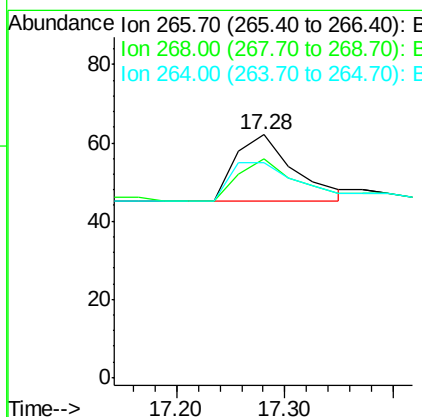
Manual Integrations  
APPROVED

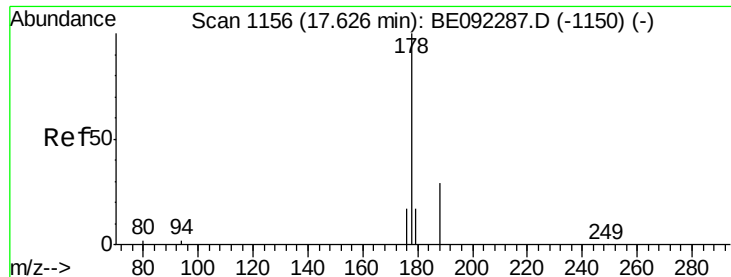
sohil  
8/30/2016 4:50:01 PM



#20  
Pentachlorophenol  
Concen: 0.11 ng  
RT: 17.28 min Scan# 1140  
Delta R.T. 0.02 min  
Lab File: BE092285.D  
Acq: 29 Aug 2016 12:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 90.3  | 62.3  | 93.5  |
| 264     | 88.7  | 67.4  | 101.0 |





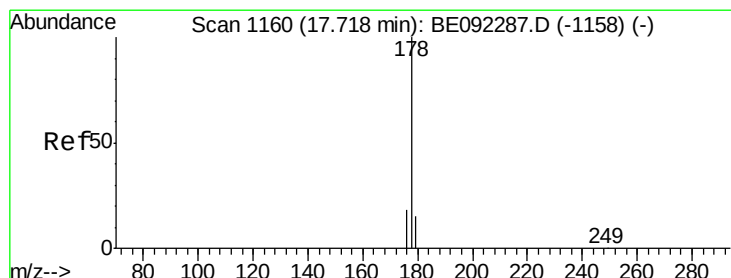
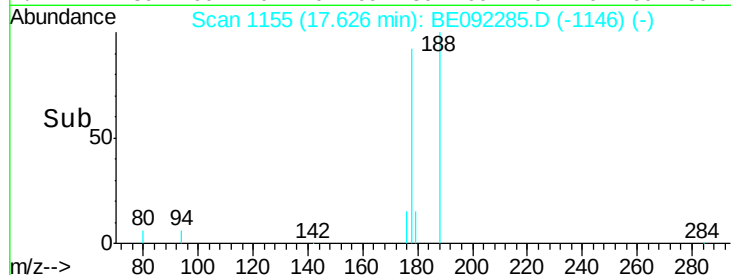
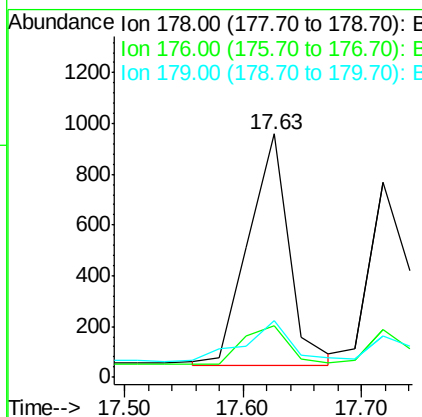
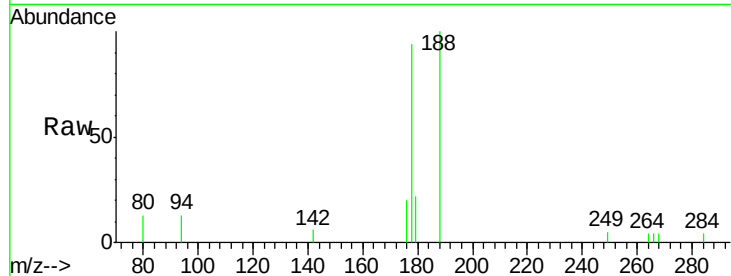
#21  
Phenanthrene  
Concen: 0.11 ng m  
RT: 17.63 min Scan# 1155  
Delta R.T. 0.00 min  
Lab File: BE092285.D  
Acq: 29 Aug 2016 12:09

Instrument :  
BNA\_E  
ClientSampleId :  
SSTDICC0.1

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 12.3  | 15.1  | 22.7# |
| 179     | 9.3   | 12.9  | 19.3# |

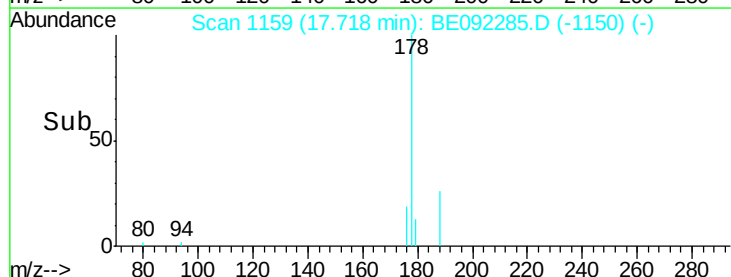
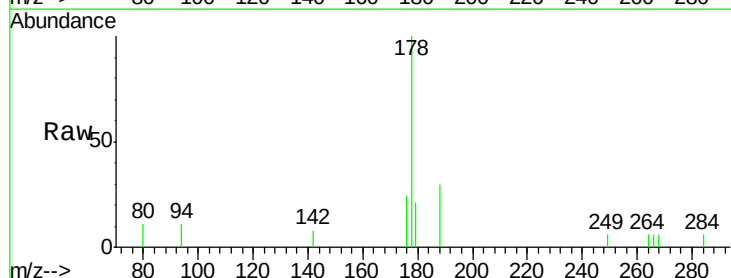
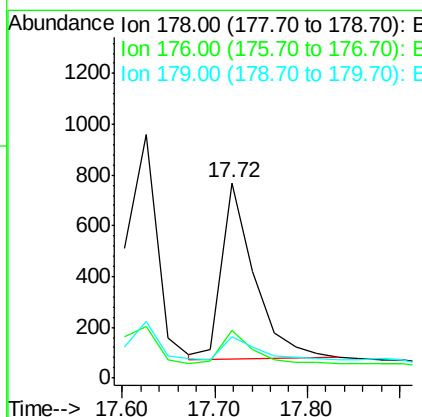
Manual Integrations  
APPROVED

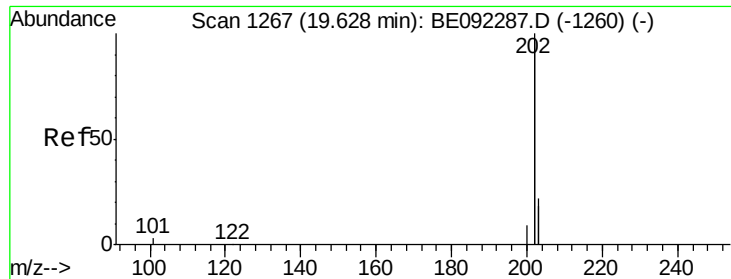
sohil  
8/30/2016 4:50:01 PM



#22  
Anthracene  
Concen: 0.10 ng  
RT: 17.72 min Scan# 1159  
Delta R.T. 0.00 min  
Lab File: BE092285.D  
Acq: 29 Aug 2016 12:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 18.5  | 15.0  | 22.4  |
| 179     | 14.5  | 12.0  | 18.0  |





#23

Fluoranthene

Concen: 0.11 ng

RT: 19.63 min Scan# 1266

Delta R.T. 0.00 min

Lab File: BE092285.D

Acq: 29 Aug 2016 12:09

Instrument :

BNA\_E

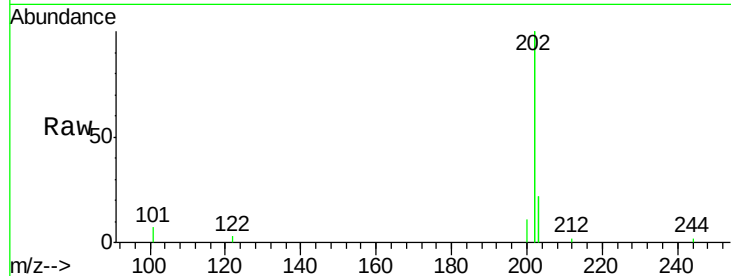
ClientSampled :

SSTDIC0.1

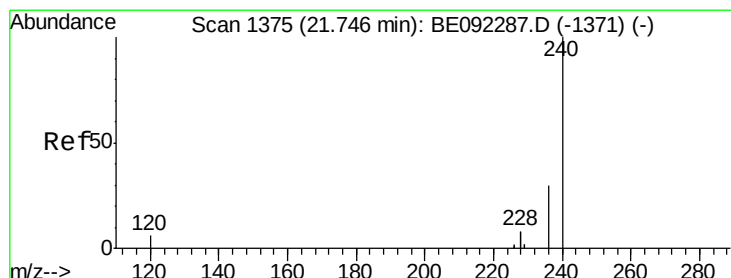
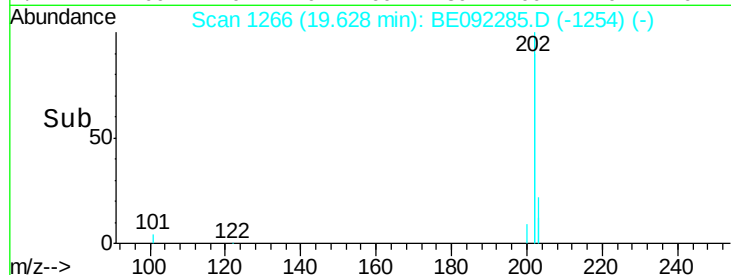
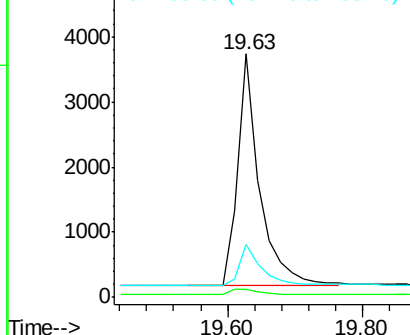
|           |       |       |      |
|-----------|-------|-------|------|
| Tot Ion:  | 202   | Resp: | 8035 |
| Ion Ratio | Lower | Upper |      |
| 202       | 100   |       |      |
| 101       | 2.9   | 2.2   | 3.4  |
| 203       | 17.6  | 13.7  | 20.5 |

Manual Integrations  
APPROVED

sohil  
8/30/2016 4:50:01 PM



Abundance Ion 202.00 (201.70 to 202.70): E  
Ion 101.00 (100.70 to 101.70): E  
Ion 203.00 (202.70 to 203.70): E



#24

Chrysene-d12

Concen: 5.00 ng

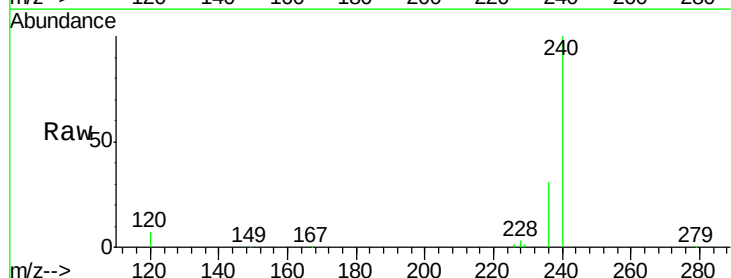
RT: 21.75 min Scan# 1374

Delta R.T. 0.00 min

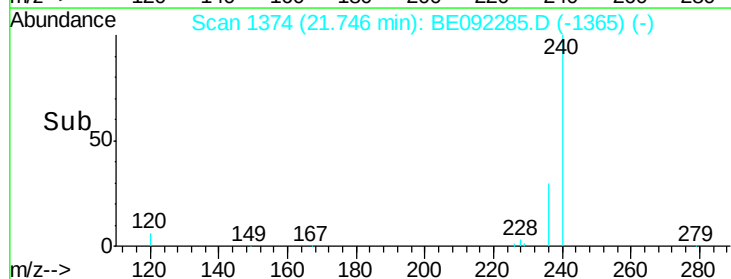
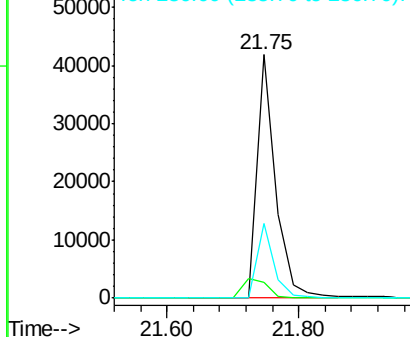
Lab File: BE092285.D

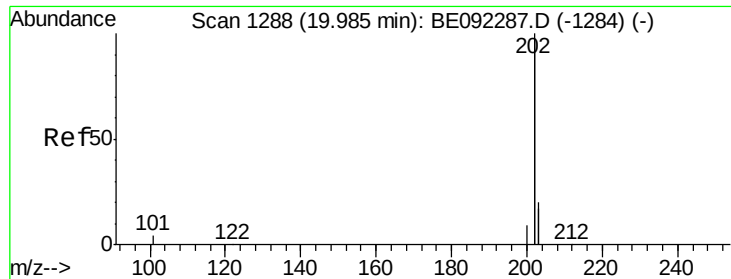
Acq: 29 Aug 2016 12:09

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 240   | Resp: | 81814 |
| Ion Ratio | Lower | Upper |       |
| 240       | 100   |       |       |
| 120       | 6.6   | 1.2   | 1.8#  |
| 236       | 30.6  | 17.1  | 25.7# |



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





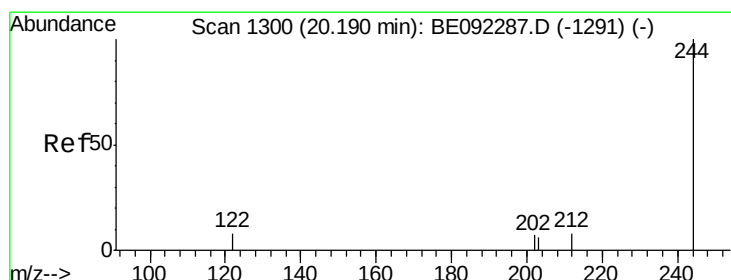
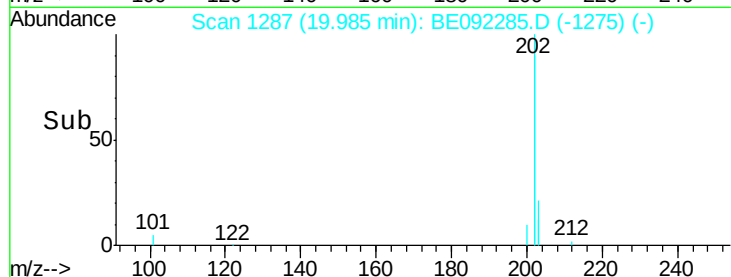
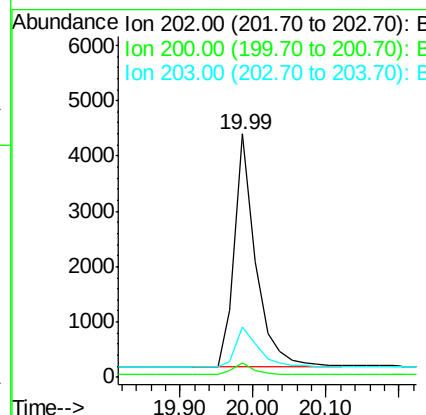
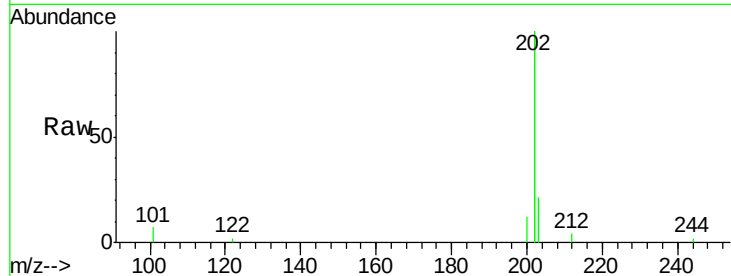
#25  
Pvrene  
Concen: 0.09 ng  
RT: 19.99 min Scan# 1287  
Delta R.T. 0.00 min  
Lab File: BE092285.D  
Acq: 29 Aug 2016 12:09

Instrument :  
BNA\_E  
ClientSampleId :  
SSTDIC0.1

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 200     | 5.3   | 4.2   | 6.4   |
| 203     | 18.3  | 14.0  | 21.0  |

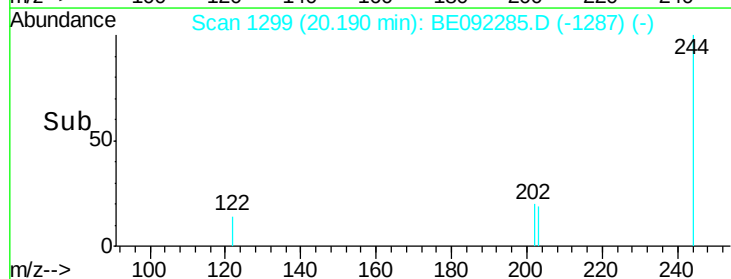
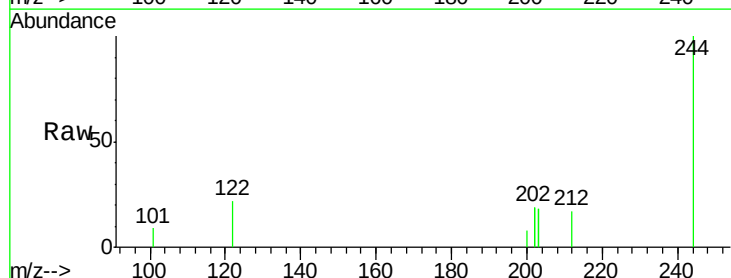
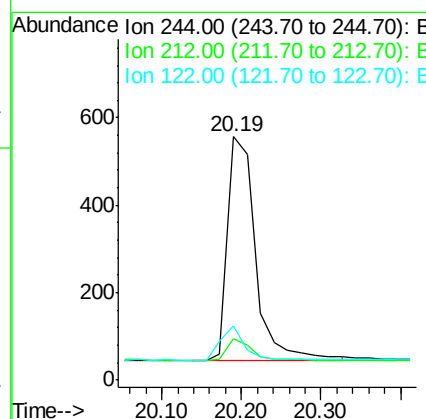
Manual Integrations  
APPROVED

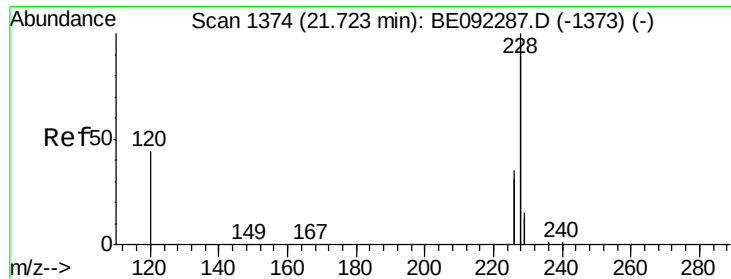
sohil  
8/30/2016 4:50:01 PM



#26  
Terphenyl-d14  
Concen: 0.09 ng  
RT: 20.19 min Scan# 1299  
Delta R.T. 0.00 min  
Lab File: BE092285.D  
Acq: 29 Aug 2016 12:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 16.9  | 10.2  | 15.2# |
| 122     | 22.3  | 15.9  | 23.9  |





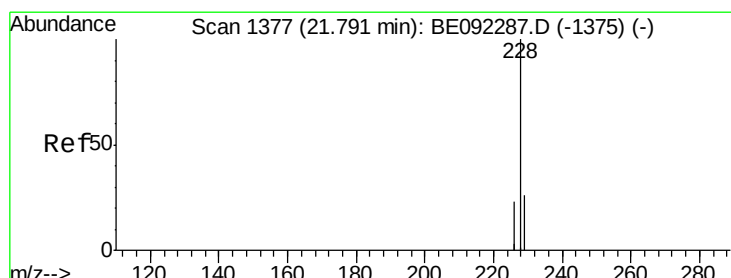
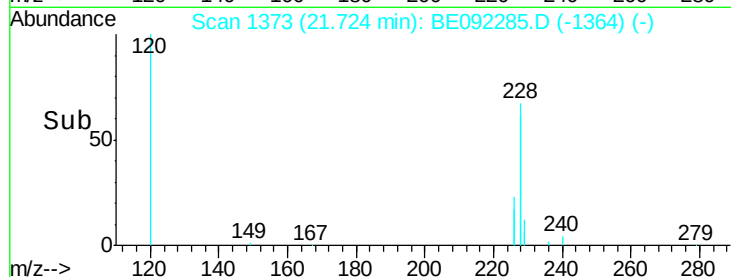
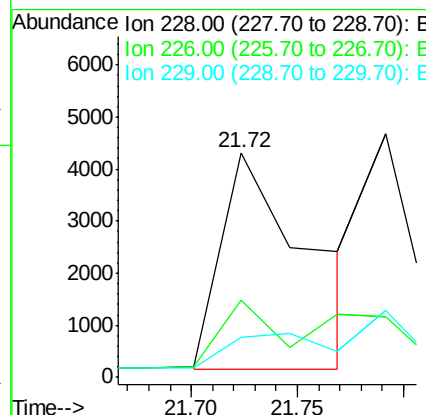
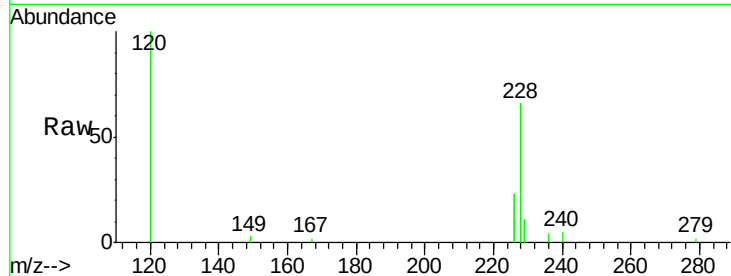
#27  
Benzo(a)anthracene  
Concen: 0.12 ng m  
RT: 21.72 min Scan# 1373  
Delta R.T. 0.00 min  
Lab File: BE092285.D  
Acq: 29 Aug 2016 12:09

Instrument :  
BNA\_E  
ClientSampleId :  
SSTDICC0.1

| Tot Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 228     | 100  |       |       |       |       |
| 226     | 34.5 | 15.9  | 23.9# |       |       |
| 229     | 17.5 | 22.4  | 33.6# |       |       |

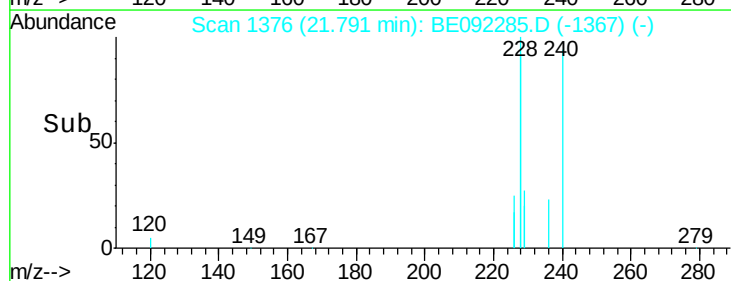
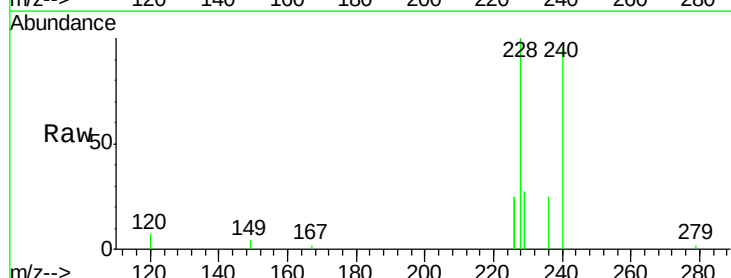
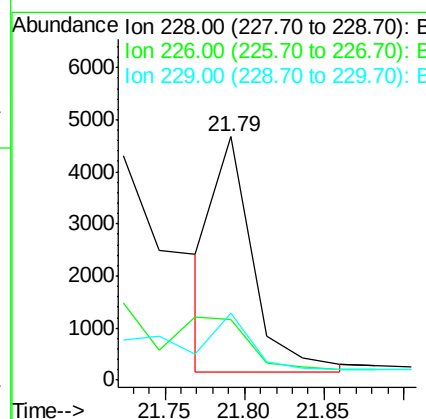
Manual Integrations  
APPROVED

sohil  
8/30/2016 4:50:01 PM

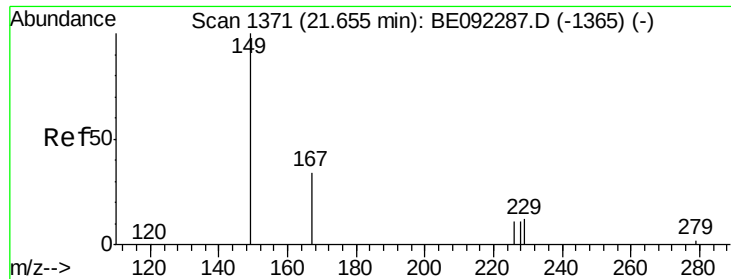


#28  
Chrysene  
Concen: 0.08 ng m  
RT: 21.79 min Scan# 1376  
Delta R.T. 0.00 min  
Lab File: BE092285.D  
Acq: 29 Aug 2016 12:09

| Tgt Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 228     | 100  |       |      |       |       |
| 226     | 24.8 | 18.3  | 27.5 |       |       |
| 229     | 27.3 | 18.6  | 27.8 |       |       |







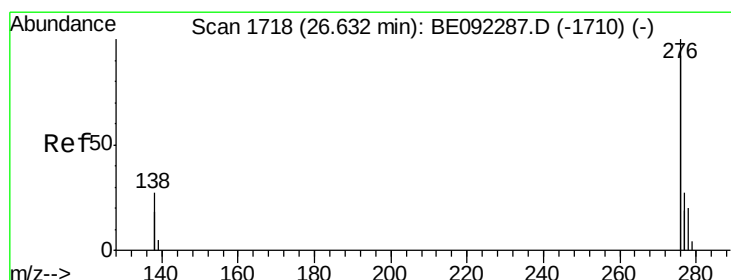
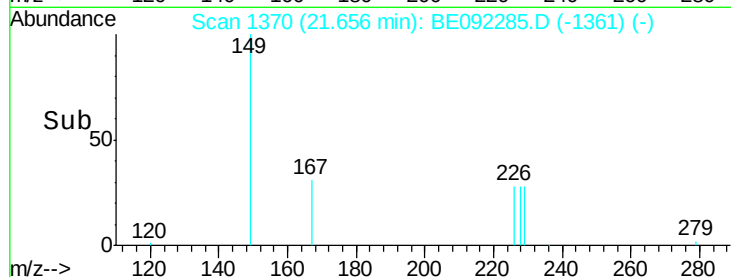
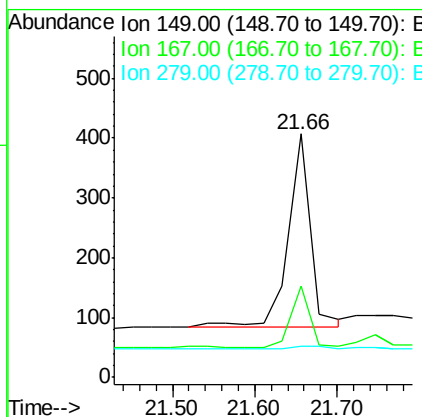
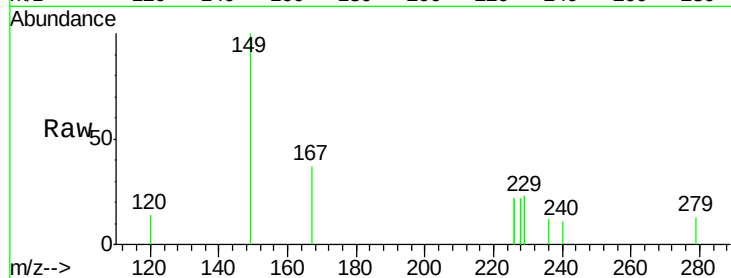
#29  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.05 ng  
 RT: 21.66 min Scan# 1370  
 Delta R.T. 0.00 min  
 Lab File: BE092285.D  
 Acq: 29 Aug 2016 12:09

Instrument :  
 BNA\_E  
 ClientSampled :  
 SSTDICC0.1

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 27.6  | 22.1  | 33.1  |
| 279     | 2.7   | 0.0   | 0.0   |

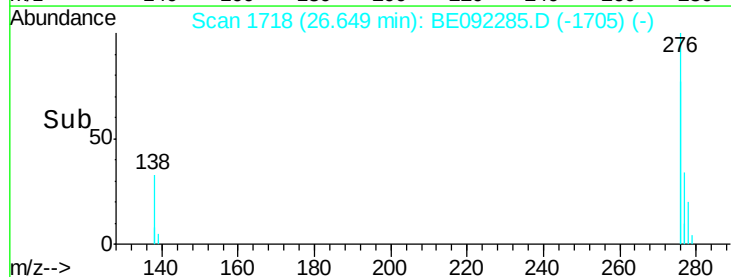
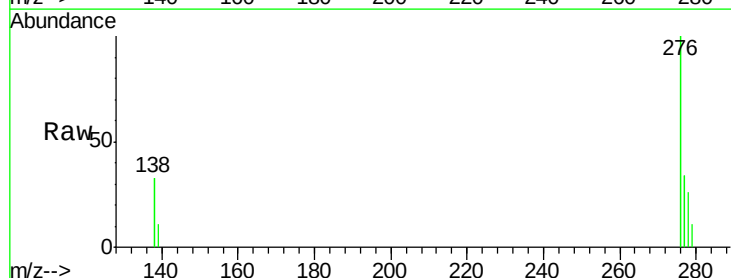
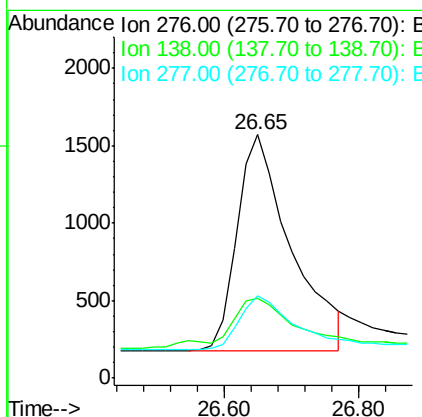
Manual Integrations  
 APPROVED

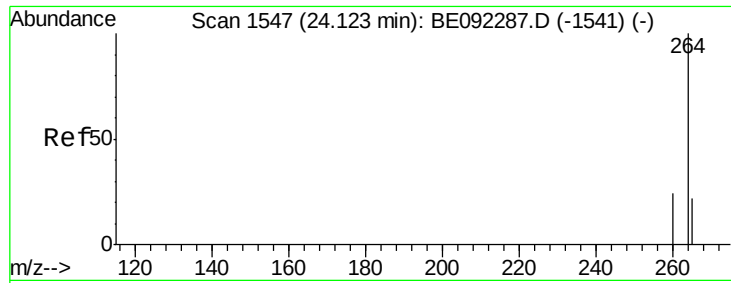
sohil  
 8/30/2016 4:50:01 PM



#30  
 Indeno(1,2,3-cd)pyrene  
 Concen: 0.08 ng  
 RT: 26.65 min Scan# 1718  
 Delta R.T. 0.02 min  
 Lab File: BE092285.D  
 Acq: 29 Aug 2016 12:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 28.0  | 21.3  | 31.9  |
| 277     | 25.0  | 19.7  | 29.5  |





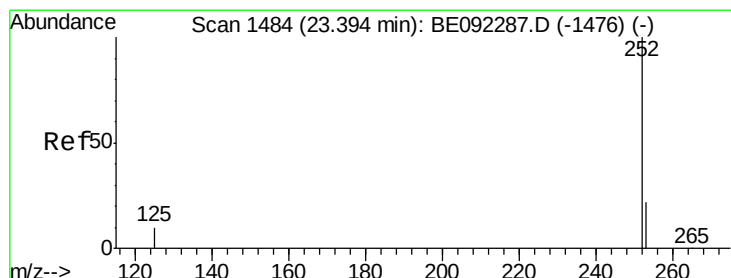
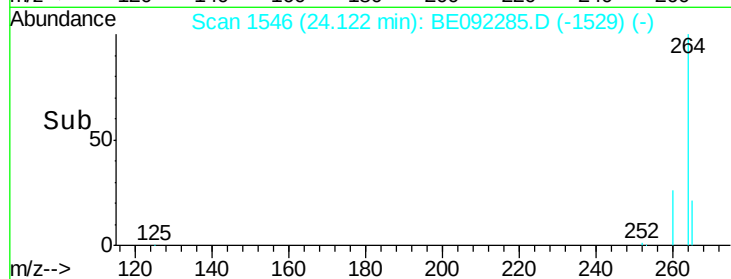
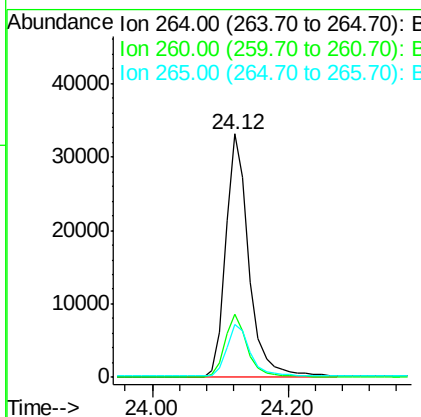
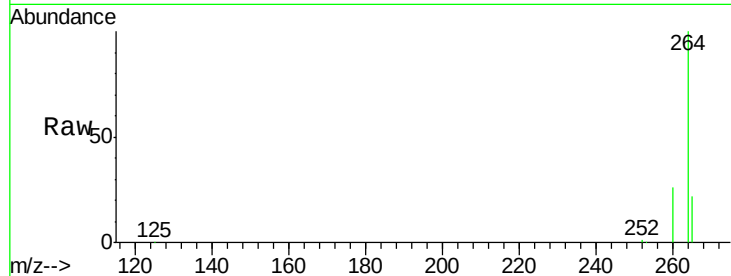
#31  
Pervlene-d12  
Concen: 5.00 ng  
RT: 24.12 min Scan# 1546  
Delta R.T. -0.00 min  
Lab File: BE092285.D  
Acq: 29 Aug 2016 12:09

Instrument :  
BNA\_E  
ClientSampleId :  
SSTDIC0.1

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 25.7  | 19.5  | 29.3  |
| 265     | 21.6  | 18.2  | 27.4  |

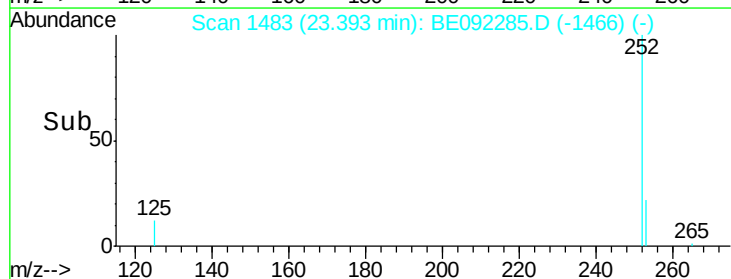
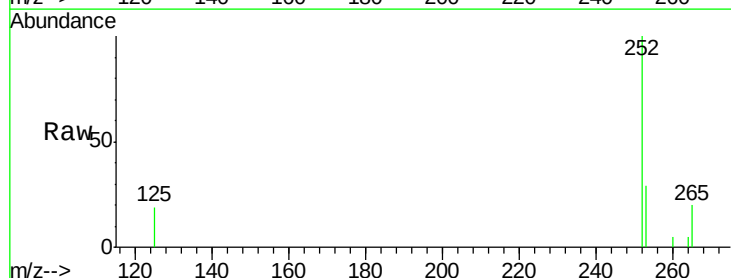
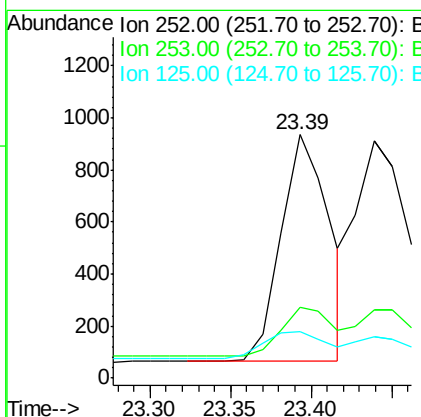
Manual Integrations  
APPROVED

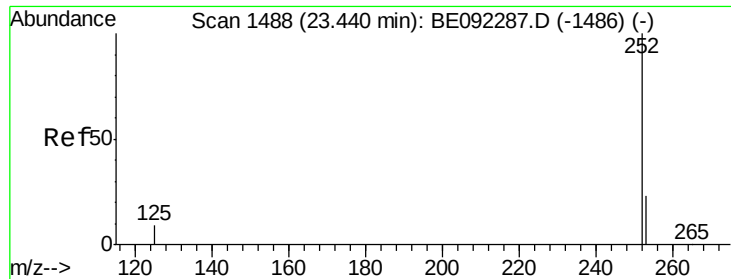
sohil  
8/30/2016 4:50:01 PM



#32  
Benzo(b)fluoranthene  
Concen: 0.09 ng  
RT: 23.39 min Scan# 1483  
Delta R.T. -0.00 min  
Lab File: BE092285.D  
Acq: 29 Aug 2016 12:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 29.1  | 19.0  | 28.4# |
| 125     | 19.3  | 10.3  | 15.5# |





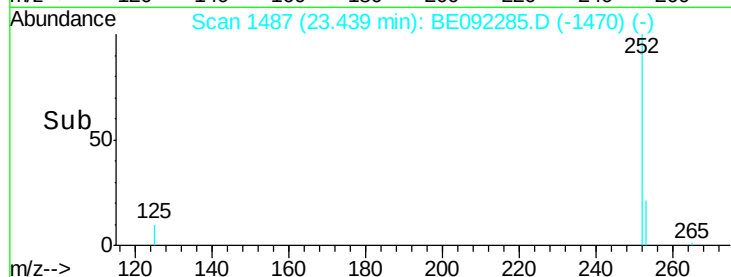
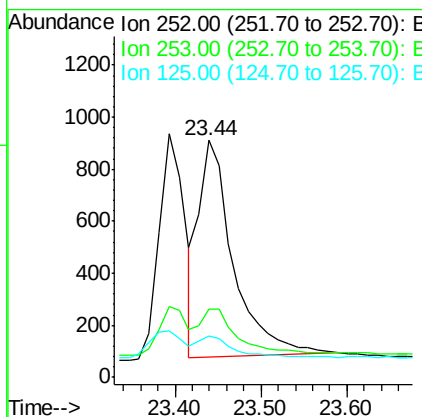
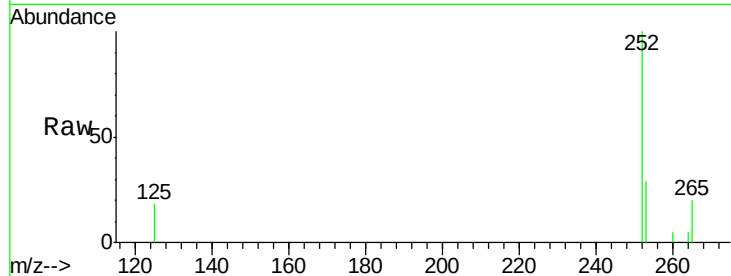
#33  
Benzo(k)fluoranthene  
Concen: 0.11 ng  
RT: 23.44 min Scan# 1487  
Delta R.T. -0.00 min  
Lab File: BE092285.D  
Acq: 29 Aug 2016 12:09

Instrument :  
BNA\_E  
ClientSampleId :  
SSTDIC0.1

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 29.0  | 19.0  | 28.6# |
| 125     | 17.7  | 10.6  | 15.8# |

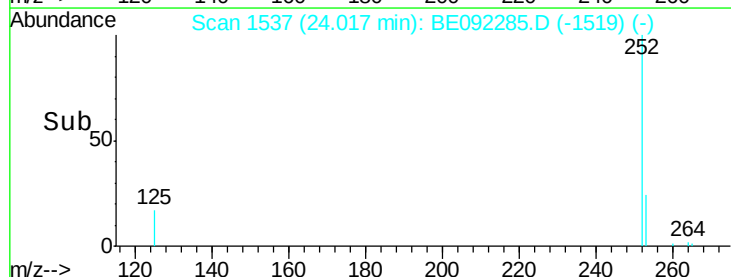
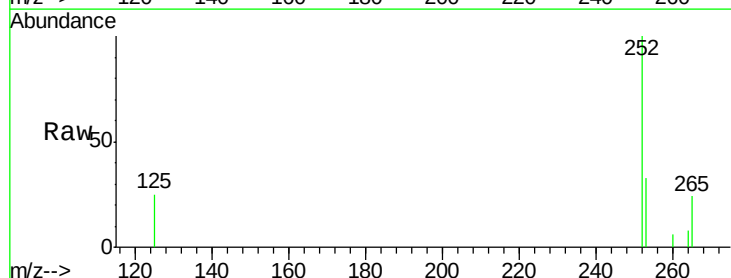
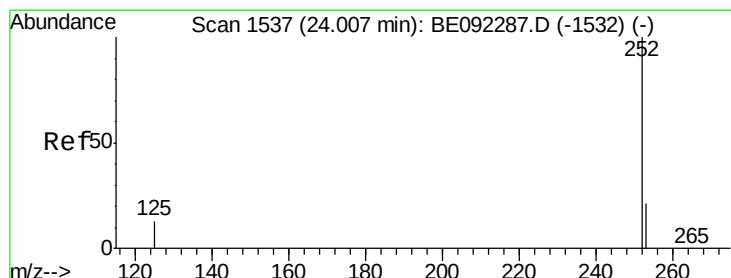
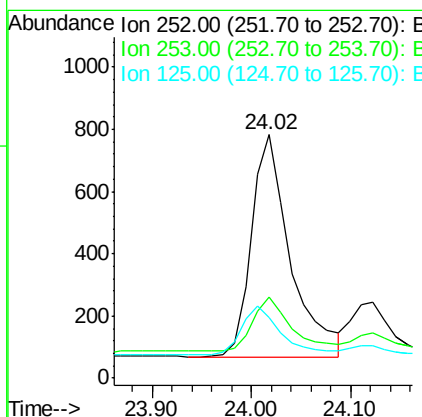
Manual Integrations  
APPROVED

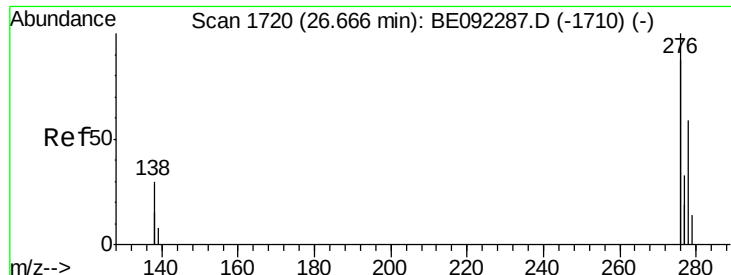
sohil  
8/30/2016 4:50:01 PM



#34  
Benzo(a)pyrene  
Concen: 0.10 ng  
RT: 24.02 min Scan# 1537  
Delta R.T. 0.01 min  
Lab File: BE092285.D  
Acq: 29 Aug 2016 12:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 33.1  | 20.3  | 30.5# |
| 125     | 24.8  | 11.8  | 17.6# |





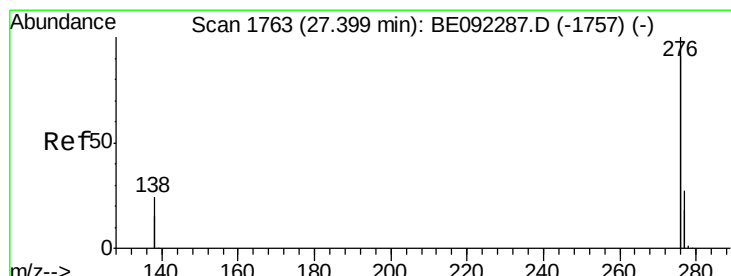
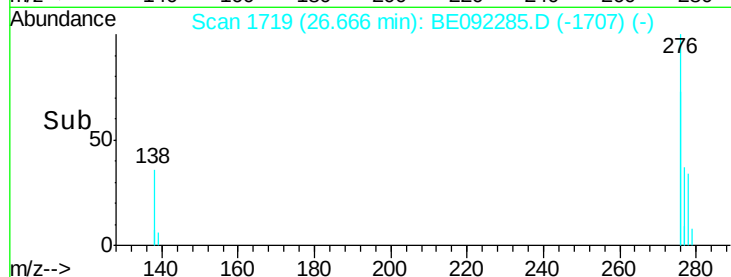
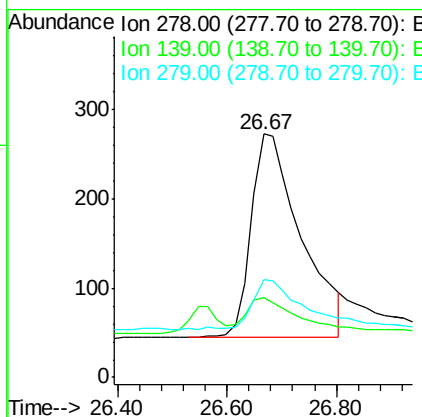
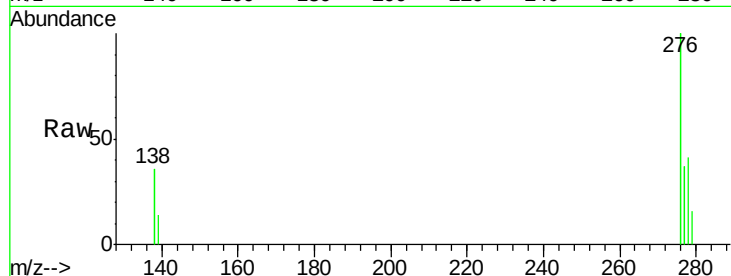
#35  
Dibenzo(a,h)anthracene  
Concen: 0.08 ng  
RT: 26.67 min Scan# 1719  
Delta R.T. 0.00 min  
Lab File: BE092285.D  
Acq: 29 Aug 2016 12:09

Instrument :  
BNA\_E  
ClientSampled :  
SSTDIC0.1

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 33.0  | 16.2  | 24.2# |
| 279     | 39.9  | 21.4  | 32.2# |

Manual Integrations  
APPROVED

sohil  
8/30/2016 4:50:01 PM



#36  
Benzo(g,h,i)perylene  
Concen: 0.09 ng  
RT: 27.42 min Scan# 1763  
Delta R.T. 0.02 min  
Lab File: BE092285.D  
Acq: 29 Aug 2016 12:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 32.8  | 21.4  | 32.2# |
| 138     | 31.0  | 19.4  | 29.2# |

