

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF112124\  
 Data File : BF140529.D  
 Acq On : 21 Nov 2024 11:39  
 Operator : RC/JU  
 Sample : SSTDICC005  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC005

Quant Time: Nov 21 15:09:49 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF112124.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Nov 21 14:50:10 2024  
 Response via : Initial Calibration

| Compound                  | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|---------------------------|--------|------|----------|--------|-------|----------|
| -----                     |        |      |          |        |       |          |
| Internal Standards        |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4 | 6.875  | 152  | 104134   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.151  | 136  | 395935   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 9.910  | 164  | 219293   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 11.398 | 188  | 428851   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12          | 14.045 | 240  | 270381   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12          | 15.533 | 264  | 205006   | 20.000 | ng    | 0.00     |

|                             |        |     |        |        |    |       |
|-----------------------------|--------|-----|--------|--------|----|-------|
| System Monitoring Compounds |        |     |        |        |    |       |
| 5) 2-Fluorophenol           | 5.499  | 112 | 65659  | 10.758 | ng | 0.00  |
| 7) Phenol-d6                | 6.504  | 99  | 90026  | 11.158 | ng | -0.01 |
| 23) Nitrobenzene-d5         | 7.428  | 82  | 80941  | 10.457 | ng | -0.01 |
| 42) 2,4,6-Tribromophenol    | 10.698 | 330 | 24342  | 10.379 | ng | 0.00  |
| 45) 2-Fluorobiphenyl        | 9.222  | 172 | 170000 | 11.550 | ng | -0.01 |
| 79) Terphenyl-d14           | 12.980 | 244 | 182707 | 10.522 | ng | -0.01 |

|                               |       |     |        |          |        |
|-------------------------------|-------|-----|--------|----------|--------|
| Target Compounds              |       |     |        |          | Qvalue |
| 2) 1,4-Dioxane                | 2.646 | 88  | 13033  | 5.079 ng | 99     |
| 3) Pyridine                   | 3.440 | 79  | 25544  | 4.524 ng | 98     |
| 4) n-Nitrosodimethylamine     | 3.358 | 42  | 16043  | 4.835 ng | # 98   |
| 6) Aniline                    | 6.534 | 93  | 30162  | 5.311 ng | # 85   |
| 8) 2-Chlorophenol             | 6.657 | 128 | 36046  | 5.490 ng | 99     |
| 9) Benzaldehyde               | 6.422 | 77  | 28156  | 6.592 ng | 98     |
| 10) Phenol                    | 6.522 | 94  | 44852  | 5.443 ng | 94     |
| 11) bis(2-Chloroethyl)ether   | 6.604 | 93  | 33630  | 5.333 ng | 99     |
| 12) 1,3-Dichlorobenzene       | 6.810 | 146 | 41643  | 5.644 ng | 97     |
| 13) 1,4-Dichlorobenzene       | 6.887 | 146 | 42002  | 5.622 ng | 98     |
| 14) 1,2-Dichlorobenzene       | 7.040 | 146 | 39138  | 5.591 ng | 97     |
| 15) Benzyl Alcohol            | 7.010 | 79  | 32114  | 5.367 ng | 98     |
| 16) 2,2'-oxybis(1-Chloropr... | 7.146 | 45  | 42946  | 5.765 ng | 79     |
| 17) 2-Methylphenol            | 7.128 | 107 | 29188  | 5.553 ng | 96     |
| 18) Hexachloroethane          | 7.381 | 117 | 15560  | 5.577 ng | 97     |
| 19) n-Nitroso-di-n-propyla... | 7.275 | 70  | 26085  | 5.470 ng | 99     |
| 20) 3+4-Methylphenols         | 7.281 | 107 | 38915  | 5.760 ng | 97     |
| 22) Acetophenone              | 7.275 | 105 | 53017  | 5.492 ng | 95     |
| 24) Nitrobenzene              | 7.451 | 77  | 43460  | 5.432 ng | 99     |
| 25) Isophorone                | 7.687 | 82  | 68701  | 5.321 ng | 100    |
| 26) 2-Nitrophenol             | 7.769 | 139 | 17600  | 4.964 ng | 100    |
| 27) 2,4-Dimethylphenol        | 7.804 | 122 | 21843  | 5.149 ng | 97     |
| 28) bis(2-Chloroethoxy)met... | 7.898 | 93  | 42337  | 5.383 ng | 99     |
| 29) 2,4-Dichlorophenol        | 8.022 | 162 | 29819  | 5.305 ng | 95     |
| 30) 1,2,4-Trichlorobenzene    | 8.092 | 180 | 33886  | 5.280 ng | 99     |
| 31) Naphthalene               | 8.175 | 128 | 110501 | 5.418 ng | 99     |
| 32) Benzoic acid              | 7.893 | 122 | 5465   | 8.451 ng | 89     |
| 33) 4-Chloroaniline           | 8.228 | 127 | 30440  | 4.985 ng | 97     |
| 34) Hexachlorobutadiene       | 8.287 | 225 | 22446  | 5.280 ng | 99     |
| 35) Caprolactam               | 8.557 | 113 | 8985   | 5.165 ng | 99     |
| 36) 4-Chloro-3-methylphenol   | 8.710 | 107 | 34404  | 5.467 ng | 99     |
| 37) 2-Methylnaphthalene       | 8.863 | 142 | 71706  | 5.536 ng | 100    |
| 38) 1-Methylnaphthalene       | 8.963 | 142 | 69955  | 5.510 ng | 99     |
| 40) 1,2,4,5-Tetrachloroben... | 9.034 | 216 | 34836  | 5.426 ng | 99     |
| 41) Hexachlorocyclopentadiene | 9.016 | 237 | 1810   | 8.432 ng | 91     |
| 43) 2,4,6-Trichlorophenol     | 9.145 | 196 | 21046  | 5.224 ng | 99     |

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 Sample : SSTDICC005  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC005

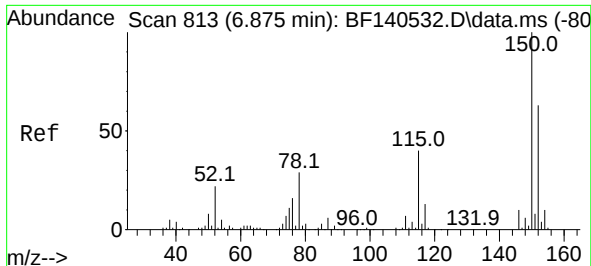
Quant Time: Nov 21 15:09:49 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF112124.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Nov 21 14:50:10 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.192  | 196  | 22061    | 5.046 | ng    | 99       |
| 46) 1,1'-Biphenyl             | 9.328  | 154  | 91336    | 5.579 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 9.351  | 162  | 68559    | 5.526 | ng    | 99       |
| 48) 2-Nitroaniline            | 9.451  | 65   | 20109    | 5.050 | ng    | 99       |
| 49) Acenaphthylene            | 9.769  | 152  | 103605   | 5.527 | ng    | 99       |
| 50) Dimethylphthalate         | 9.622  | 163  | 79770    | 5.523 | ng    | 98       |
| 51) 2,6-Dinitrotoluene        | 9.687  | 165  | 17217    | 5.256 | ng    | 99       |
| 52) Acenaphthene              | 9.939  | 154  | 64777    | 5.337 | ng    | 97       |
| 53) 3-Nitroaniline            | 9.863  | 138  | 16842    | 5.257 | ng    | 98       |
| 54) 2,4-Dinitrophenol         | 9.986  | 184  | 1475     | 8.607 | ng    | 96       |
| 55) Dibenzofuran              | 10.116 | 168  | 104044   | 5.727 | ng    | 96       |
| 56) 4-Nitrophenol             | 10.051 | 139  | 7048     | 3.226 | ng    | 97       |
| 57) 2,4-Dinitrotoluene        | 10.098 | 165  | 22110    | 5.079 | ng    | 98       |
| 58) Fluorene                  | 10.457 | 166  | 82732    | 5.674 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 10.239 | 232  | 16825    | 5.007 | ng    | # 96     |
| 60) Diethylphthalate          | 10.322 | 149  | 81981    | 5.587 | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 10.451 | 204  | 40537    | 5.665 | ng    | 95       |
| 62) 4-Nitroaniline            | 10.469 | 138  | 16848    | 5.014 | ng    | 98       |
| 63) Azobenzene                | 10.604 | 77   | 77108    | 5.549 | ng    | 96       |
| 65) 4,6-Dinitro-2-methylph... | 10.510 | 198  | 5700     | 2.601 | ng    | 92       |
| 66) n-Nitrosodiphenylamine    | 10.563 | 169  | 67794    | 5.346 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 10.939 | 248  | 23355    | 5.288 | ng    | 99       |
| 68) Hexachlorobenzene         | 11.010 | 284  | 27532    | 5.384 | ng    | 99       |
| 69) Atrazine                  | 11.086 | 200  | 19452    | 5.452 | ng    | 99       |
| 70) Pentachlorophenol         | 11.210 | 266  | 4850     | 2.155 | ng    | 96       |
| 71) Phenanthrene              | 11.422 | 178  | 115121   | 5.584 | ng    | 98       |
| 72) Anthracene                | 11.475 | 178  | 111316   | 5.520 | ng    | 100      |
| 73) Carbazole                 | 11.633 | 167  | 107643   | 5.549 | ng    | 98       |
| 74) Di-n-butylphthalate       | 11.957 | 149  | 122687   | 5.478 | ng    | 99       |
| 75) Fluoranthene              | 12.616 | 202  | 127194   | 5.683 | ng    | 100      |
| 77) Benzidine                 | 12.745 | 184  | 18105    | 2.303 | ng    | 99       |
| 78) Pyrene                    | 12.845 | 202  | 128760   | 5.150 | ng    | 98       |
| 80) Butylbenzylphthalate      | 13.457 | 149  | 45690    | 5.073 | ng    | 99       |
| 81) Benzo(a)anthracene        | 14.033 | 228  | 95229    | 5.321 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 13.998 | 252  | 25321    | 4.712 | ng    | 97       |
| 83) Chrysene                  | 14.069 | 228  | 91528    | 5.593 | ng    | 97       |
| 84) Bis(2-ethylhexyl)phtha... | 14.016 | 149  | 61082    | 5.371 | ng    | 100      |
| 85) Di-n-octyl phthalate      | 14.633 | 149  | 80990    | 5.211 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 17.033 | 276  | 61952    | 4.637 | ng    | 97       |
| 88) Benzo(b)fluoranthene      | 15.098 | 252  | 69048    | 5.362 | ng    | 98       |
| 89) Benzo(k)fluoranthene      | 15.127 | 252  | 63717    | 5.655 | ng    | 96       |
| 90) Benzo(a)pyrene            | 15.469 | 252  | 54423    | 5.198 | ng    | 97       |
| 91) Dibenzo(a,h)anthracene    | 17.051 | 278  | 52029    | 4.755 | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 17.492 | 276  | 52919    | 4.740 | ng    | 97       |

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

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QLast Update : Thu Nov 21 14:50:10 2024  
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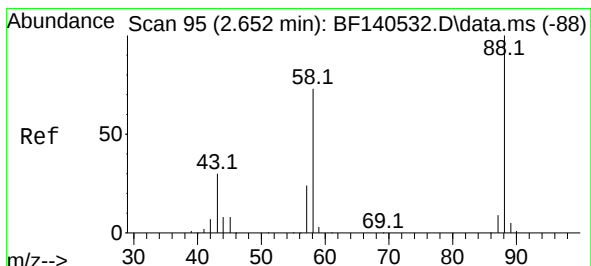
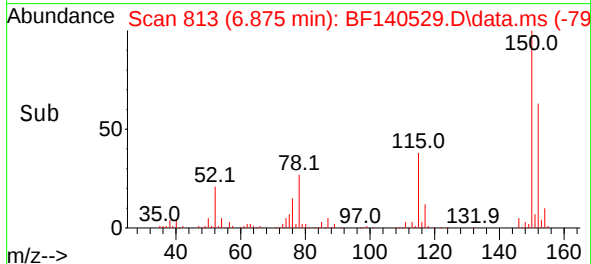
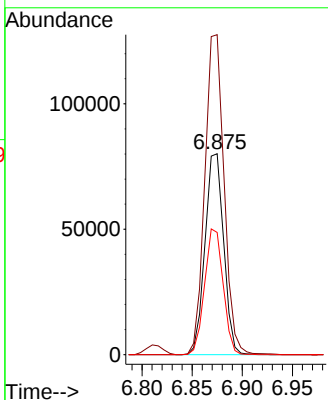
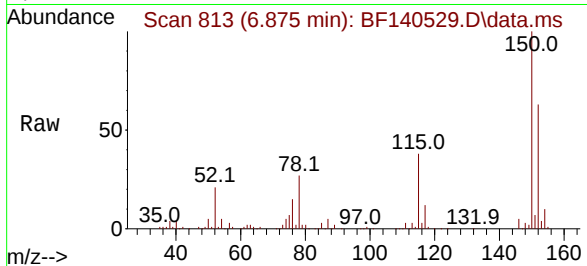




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.875 min Scan# 81  
 Delta R.T. -0.000 min  
 Lab File: BF140529.D  
 Acq: 21 Nov 2024 11:39

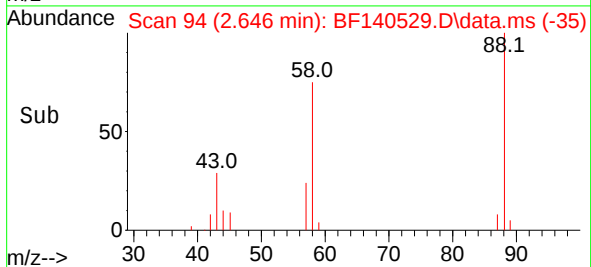
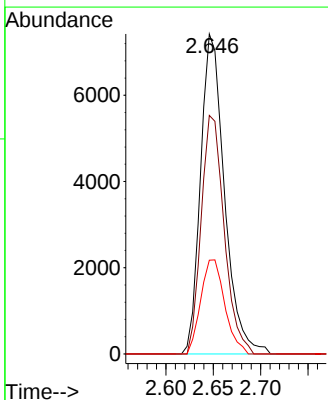
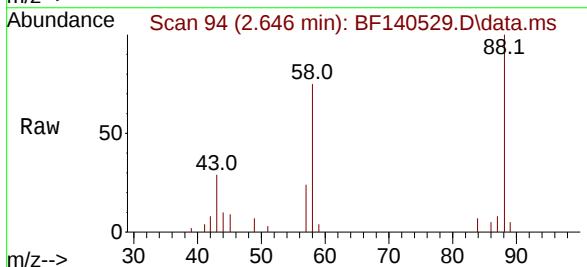
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC005

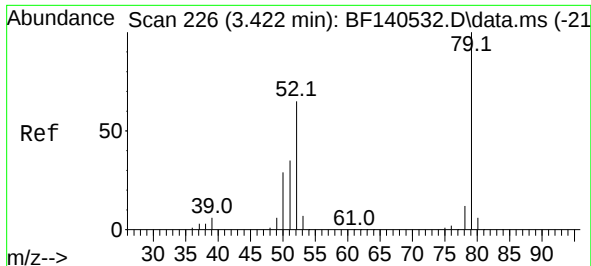
Tgt Ion:152 Resp: 104134  
 Ion Ratio Lower Upper  
 152 100  
 150 159.2 128.5 192.7  
 115 60.8 50.2 75.4



#2  
 1,4-Dioxane  
 Concen: 5.079 ng  
 RT: 2.646 min Scan# 94  
 Delta R.T. -0.006 min  
 Lab File: BF140529.D  
 Acq: 21 Nov 2024 11:39

Tgt Ion: 88 Resp: 13033  
 Ion Ratio Lower Upper  
 88 100  
 58 71.6 57.4 86.2  
 43 29.5 24.3 36.5

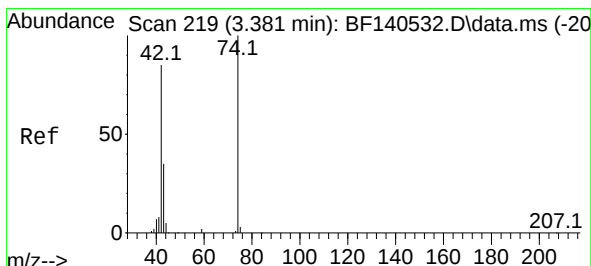
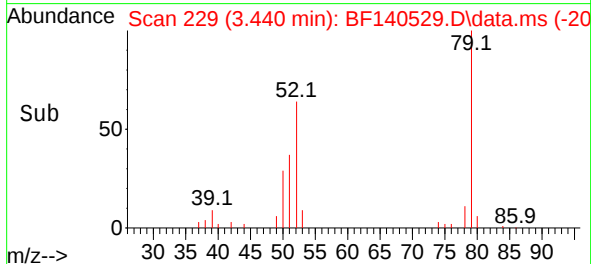
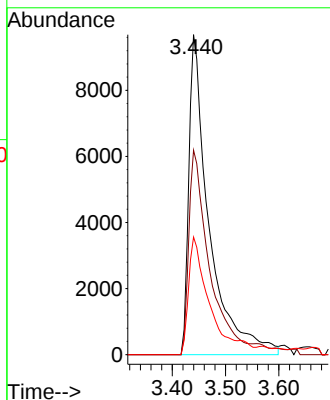
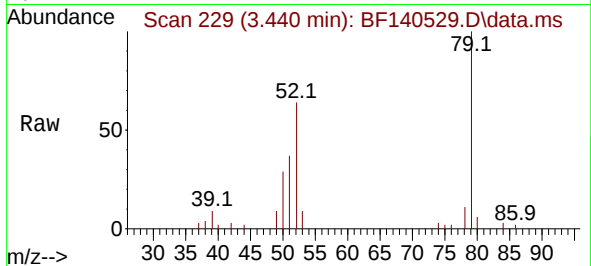




#3  
Pyridine  
Concen: 4.524 ng  
RT: 3.440 min Scan# 215  
Delta R.T. 0.018 min  
Lab File: BF140529.D  
Acq: 21 Nov 2024 11:39

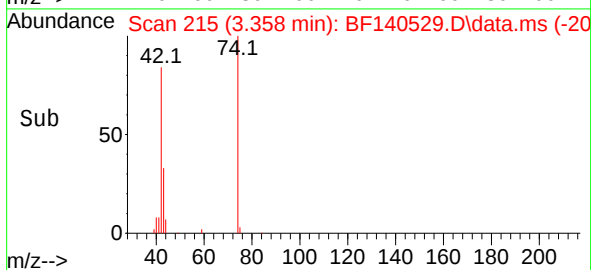
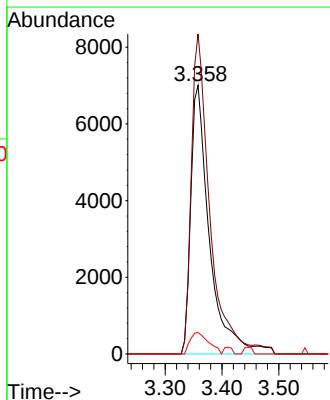
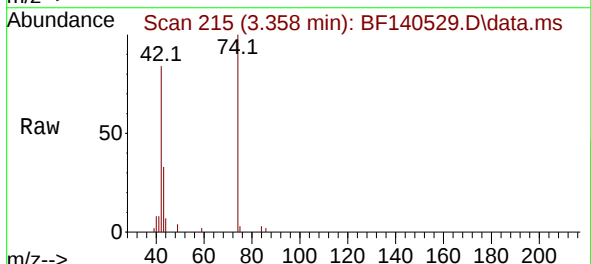
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC005

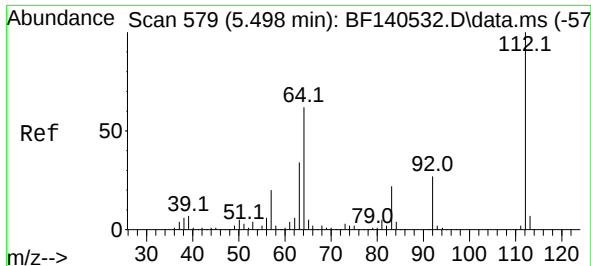
Tgt Ion: 79 Resp: 25544  
Ion Ratio Lower Upper  
79 100  
52 63.9 52.1 78.1  
51 36.8 27.8 41.8



#4  
n-Nitrosodimethylamine  
Concen: 4.835 ng  
RT: 3.358 min Scan# 215  
Delta R.T. -0.023 min  
Lab File: BF140529.D  
Acq: 21 Nov 2024 11:39

Tgt Ion: 42 Resp: 16043  
Ion Ratio Lower Upper  
42 100  
74 119.1 93.8 140.6  
44 8.0 4.6 6.8#

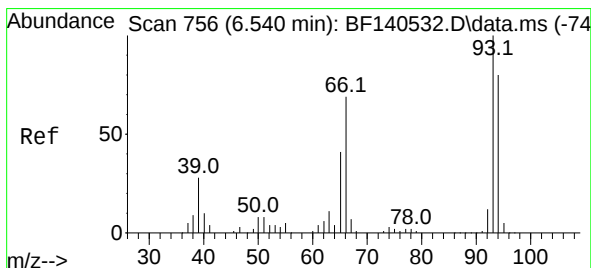
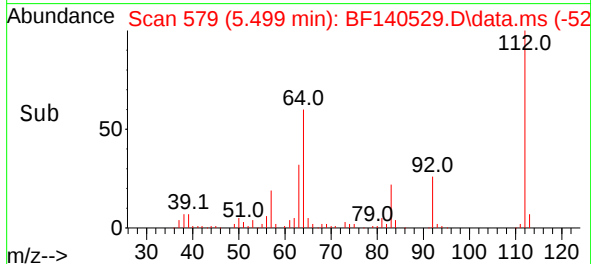
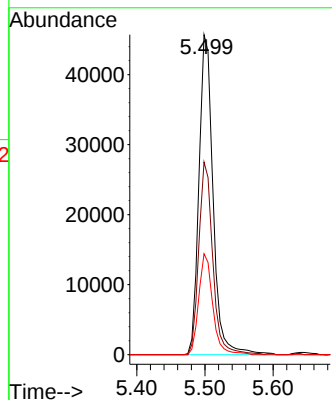
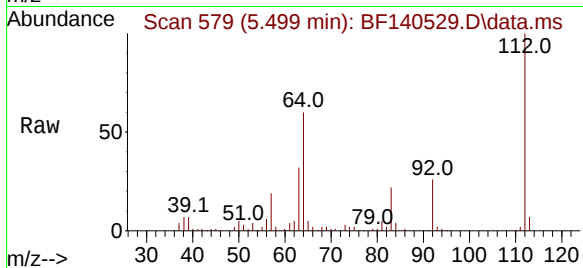




#5  
2-Fluorophenol  
Concen: 10.758 ng  
RT: 5.499 min Scan# 51  
Delta R.T. 0.000 min  
Lab File: BF140529.D  
Acq: 21 Nov 2024 11:39

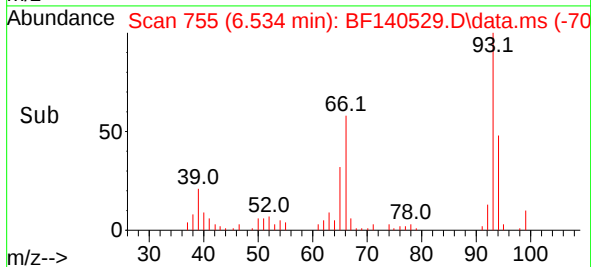
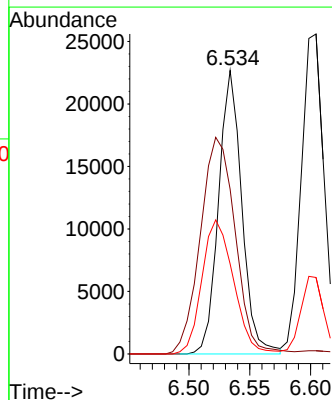
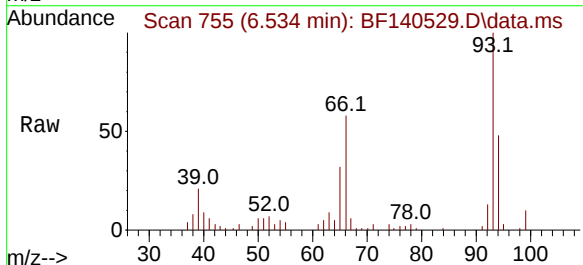
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC005

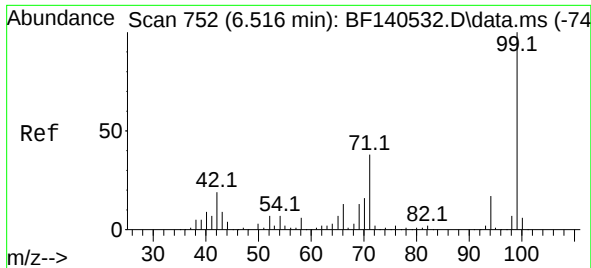
Tgt Ion:112 Resp: 65659  
Ion Ratio Lower Upper  
112 100  
64 60.2 49.2 73.8  
63 31.6 27.0 40.4



#6  
Aniline  
Concen: 5.311 ng  
RT: 6.534 min Scan# 755  
Delta R.T. -0.006 min  
Lab File: BF140529.D  
Acq: 21 Nov 2024 11:39

Tgt Ion: 93 Resp: 30162  
Ion Ratio Lower Upper  
93 100  
66 58.1 56.5 84.7  
65 31.8 32.9 49.3#

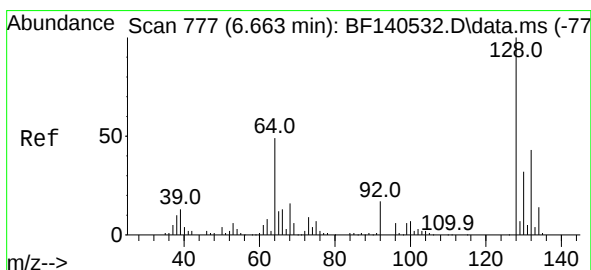
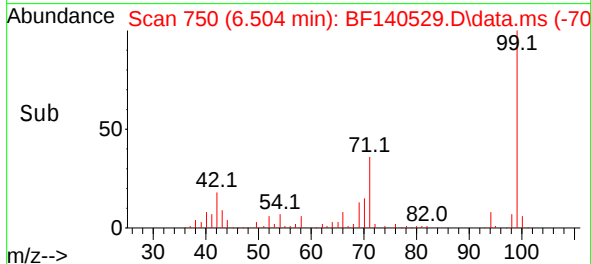
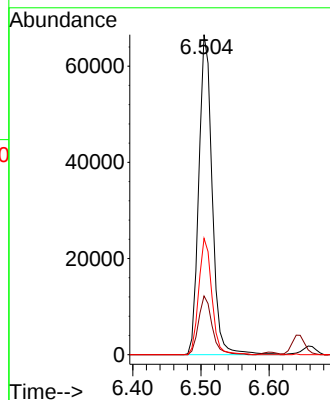
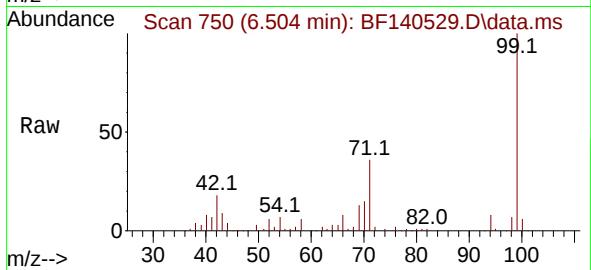




#7  
Phenol-d6  
Concen: 11.158 ng  
RT: 6.504 min Scan# 750  
Delta R.T. -0.012 min  
Lab File: BF140529.D  
Acq: 21 Nov 2024 11:39

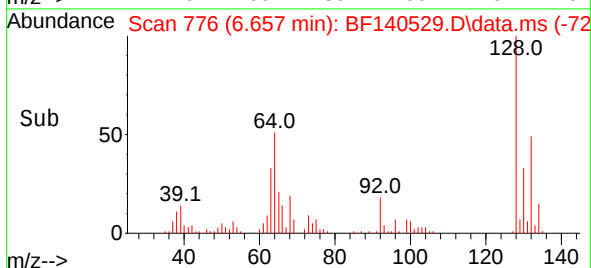
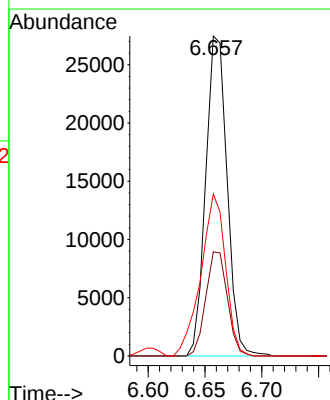
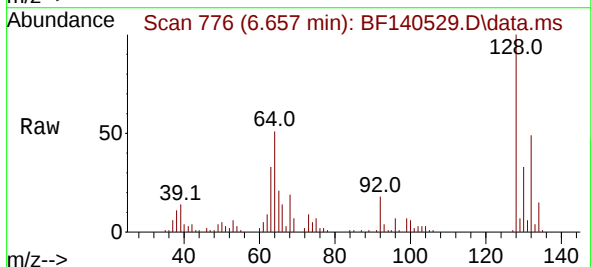
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC005

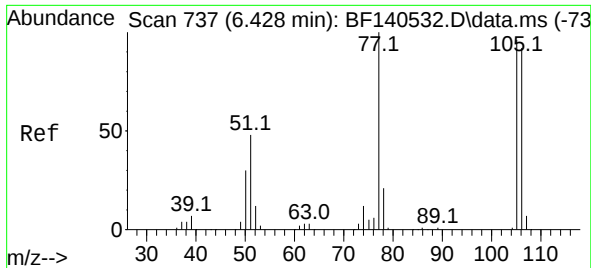
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|----------|-------|-------|-------|
| Tgt Ion: | 99    | Resp: | 90026 |
| Ion      | Ratio | Lower | Upper |
| 99       | 100   |       |       |
| 42       | 18.4  | 15.4  | 23.0  |
| 71       | 36.4  | 30.6  | 46.0  |



#8  
2-Chlorophenol  
Concen: 5.490 ng  
RT: 6.657 min Scan# 776  
Delta R.T. -0.006 min  
Lab File: BF140529.D  
Acq: 21 Nov 2024 11:39

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 128   | Resp: | 36046 |
| Ion      | Ratio | Lower | Upper |
| 128      | 100   |       |       |
| 130      | 32.5  | 12.3  | 52.3  |
| 64       | 50.7  | 30.2  | 70.2  |





#9

Benzaldehyde

Concen: 6.592 ng

RT: 6.422 min Scan# 74

Delta R.T. -0.006 min

Lab File: BF140529.D

Acq: 21 Nov 2024 11:39

Instrument :

BNA\_F

ClientSampleId :

SSTDICC005

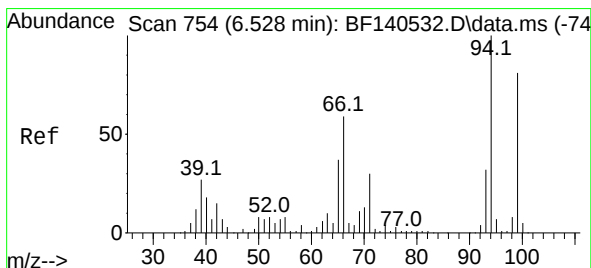
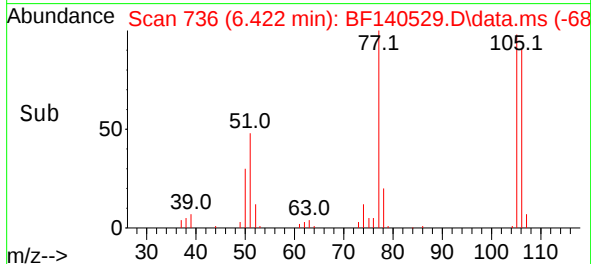
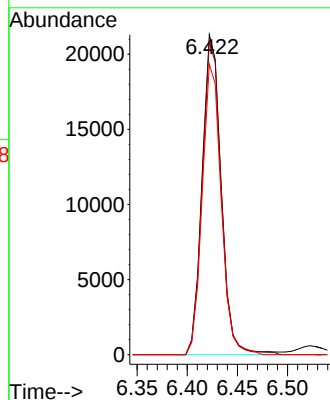
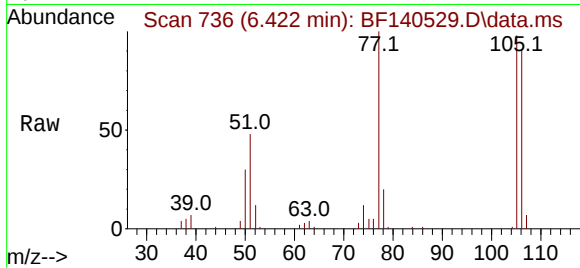
Tgt Ion: 77 Resp: 28156

Ion Ratio Lower Upper

77 100

105 97.7 75.6 115.6

106 90.8 72.0 112.0



#10

Phenol

Concen: 5.443 ng

RT: 6.522 min Scan# 753

Delta R.T. -0.006 min

Lab File: BF140529.D

Acq: 21 Nov 2024 11:39

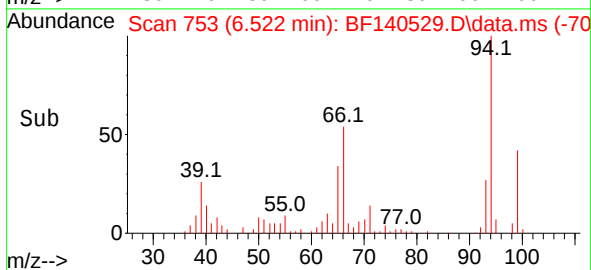
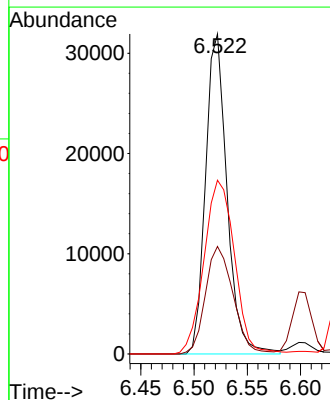
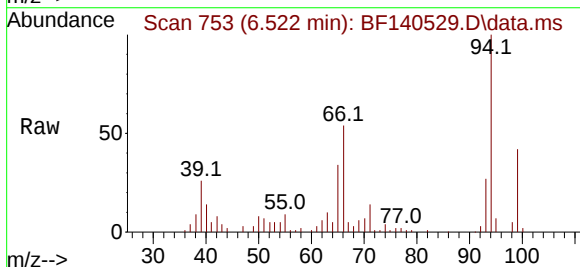
Tgt Ion: 94 Resp: 44852

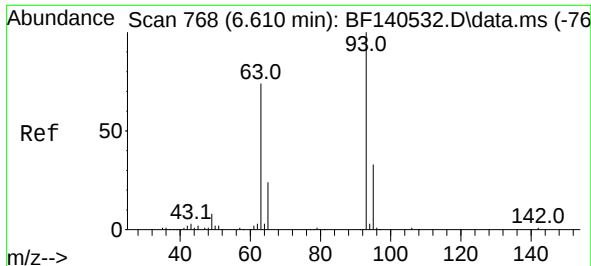
Ion Ratio Lower Upper

94 100

65 33.6 17.2 57.2

66 54.3 39.2 79.2

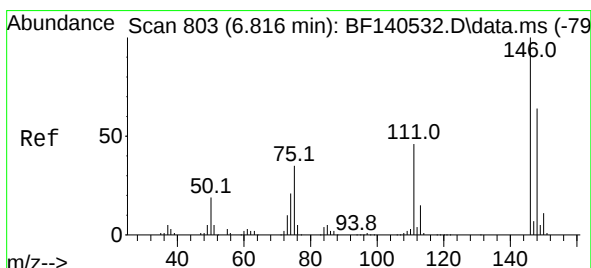
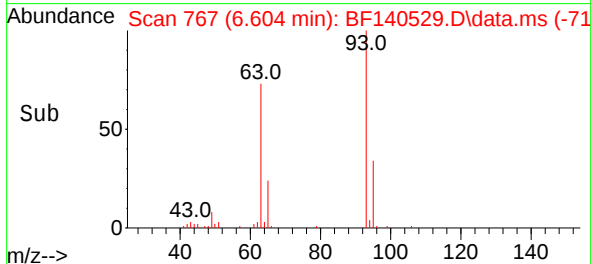
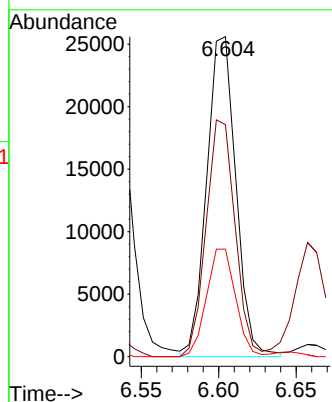
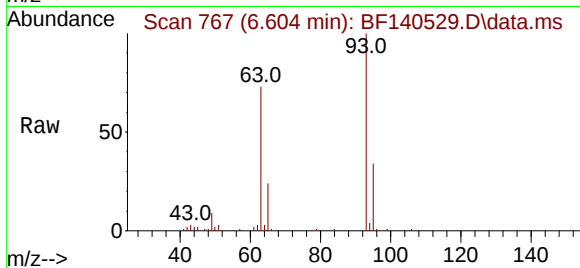




#11  
bis(2-Chloroethyl)ether  
Concen: 5.333 ng  
RT: 6.604 min Scan# 767  
Delta R.T. -0.006 min  
Lab File: BF140529.D  
Acq: 21 Nov 2024 11:39

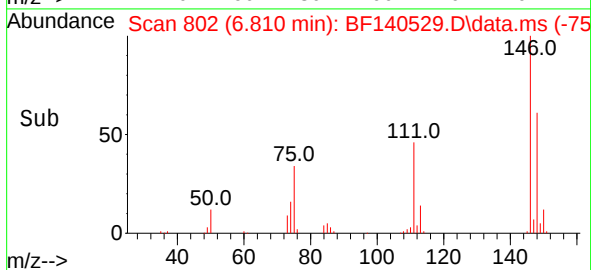
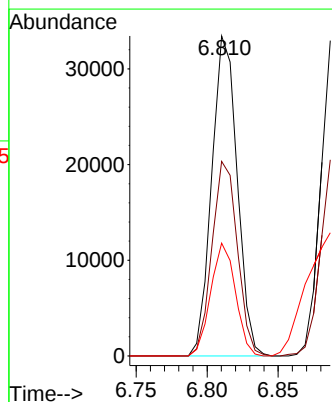
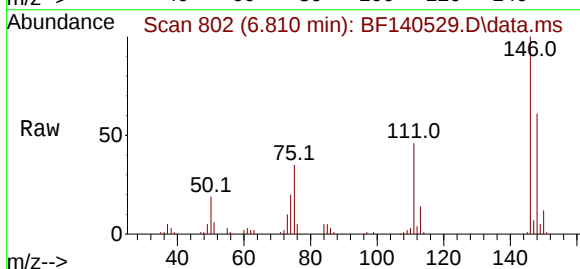
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC005

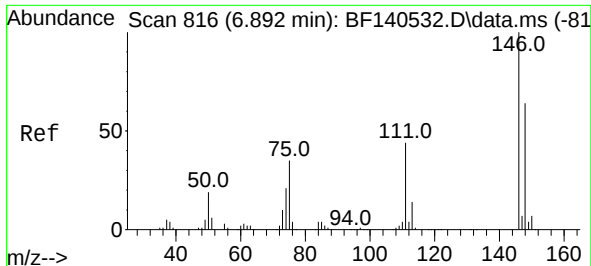
Tgt Ion: 93 Resp: 33630  
Ion Ratio Lower Upper  
93 100  
63 72.5 52.8 92.8  
95 33.6 12.3 52.3



#12  
1,3-Dichlorobenzene  
Concen: 5.644 ng  
RT: 6.810 min Scan# 802  
Delta R.T. -0.006 min  
Lab File: BF140529.D  
Acq: 21 Nov 2024 11:39

Tgt Ion:146 Resp: 41643  
Ion Ratio Lower Upper  
146 100  
148 60.8 51.3 76.9  
75 35.3 28.2 42.2





#13

1,4-Dichlorobenzene

Concen: 5.622 ng

RT: 6.887 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF140529.D

Acq: 21 Nov 2024 11:39

Instrument :

BNA\_F

ClientSampleId :

SSTDICC005

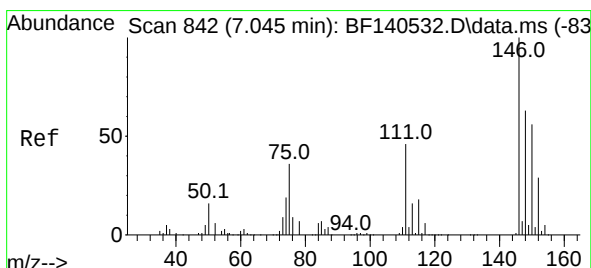
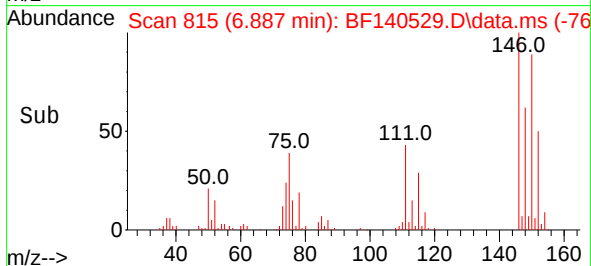
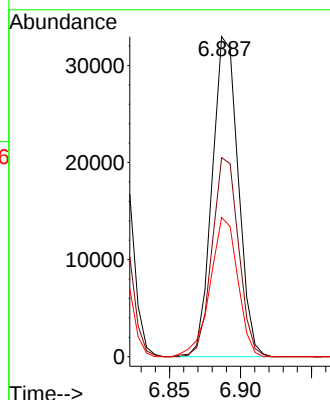
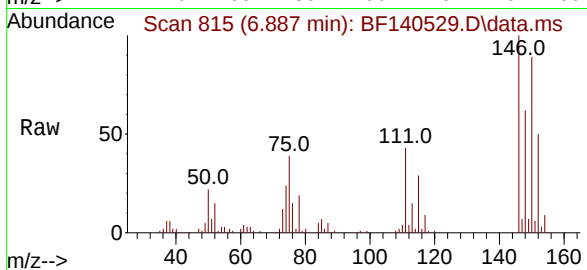
Tgt Ion:146 Resp: 42002

Ion Ratio Lower Upper

146 100

148 62.2 51.0 76.6

111 43.5 35.3 52.9



#14

1,2-Dichlorobenzene

Concen: 5.591 ng

RT: 7.040 min Scan# 841

Delta R.T. -0.006 min

Lab File: BF140529.D

Acq: 21 Nov 2024 11:39

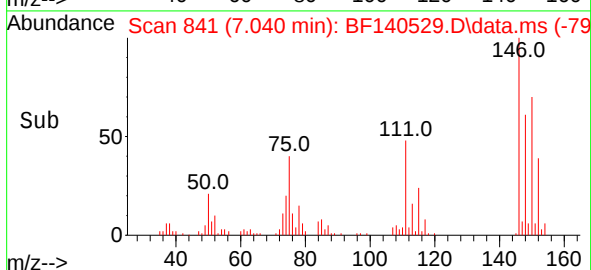
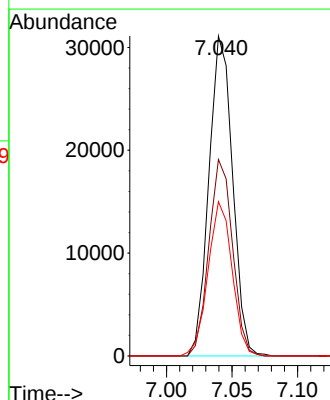
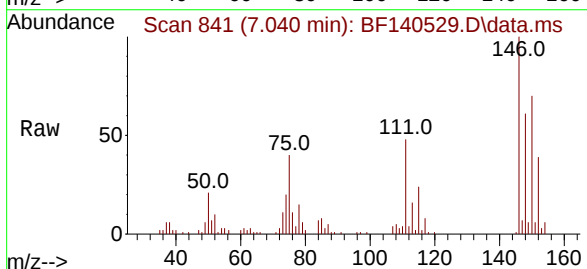
Tgt Ion:146 Resp: 39138

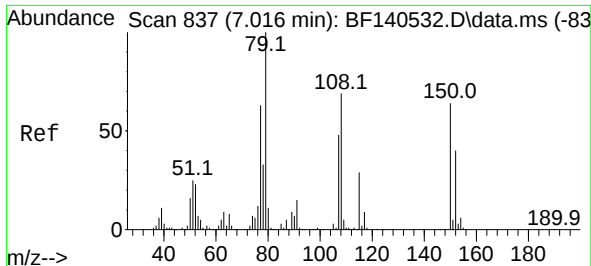
Ion Ratio Lower Upper

146 100

148 61.4 50.5 75.7

111 48.2 36.7 55.1





#15

Benzyl Alcohol

Concen: 5.367 ng

RT: 7.010 min Scan# 837

Delta R.T. -0.006 min

Lab File: BF140529.D

Acq: 21 Nov 2024 11:39

Instrument :

BNA\_F

ClientSampleId :

SSTDIC005

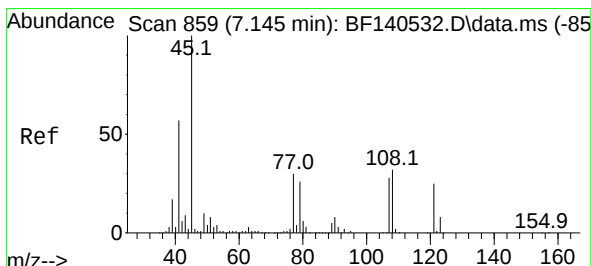
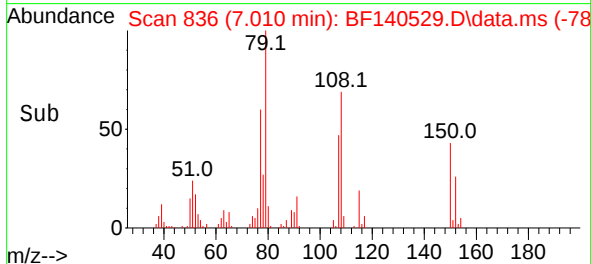
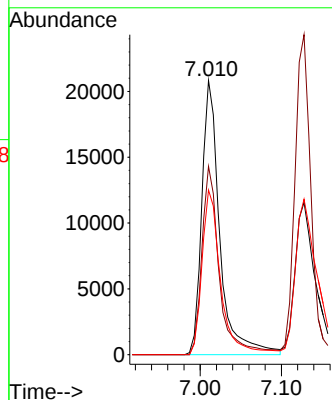
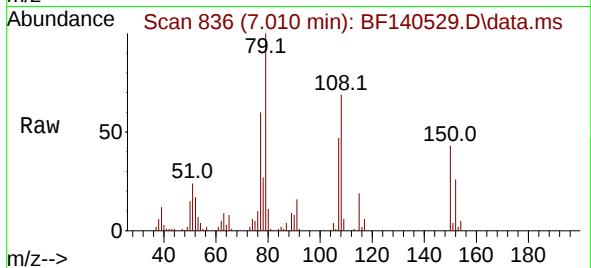
Tgt Ion: 79 Resp: 32114

Ion Ratio Lower Upper

79 100

108 68.7 55.0 82.6

77 60.1 50.1 75.1



#16

2,2'-oxybis(1-chloropropane)

Concen: 5.765 ng

RT: 7.146 min Scan# 859

Delta R.T. 0.000 min

Lab File: BF140529.D

Acq: 21 Nov 2024 11:39

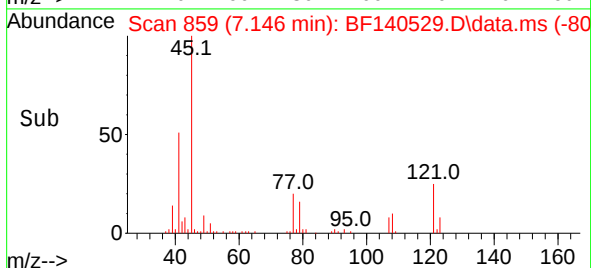
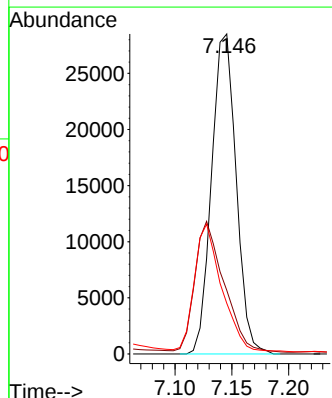
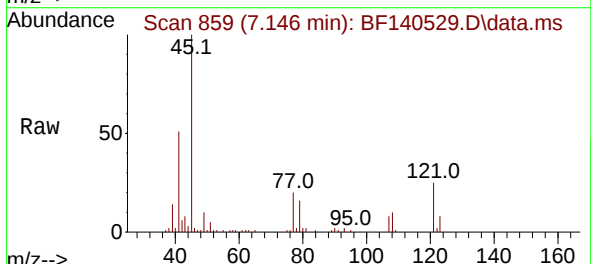
Tgt Ion: 45 Resp: 42946

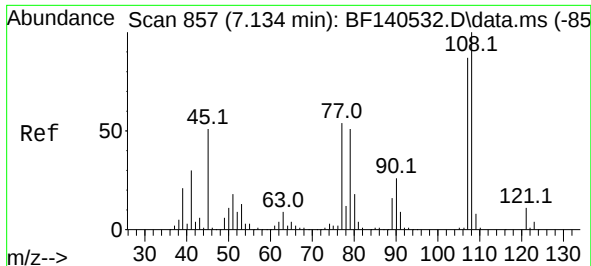
Ion Ratio Lower Upper

45 100

77 19.9 10.7 50.7

79 15.8 7.0 47.0

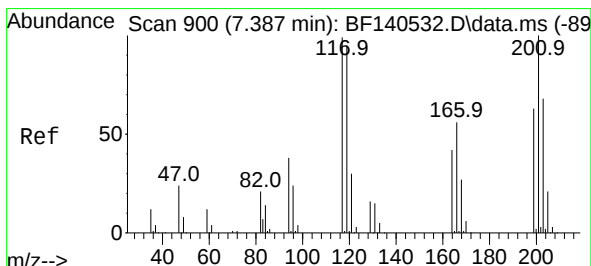
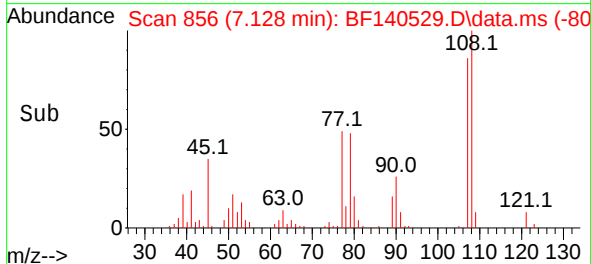
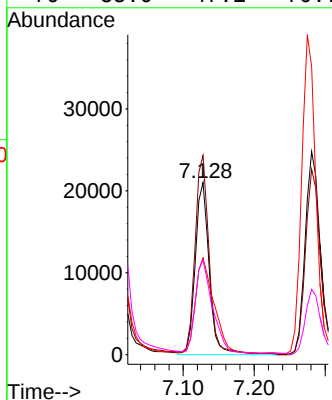
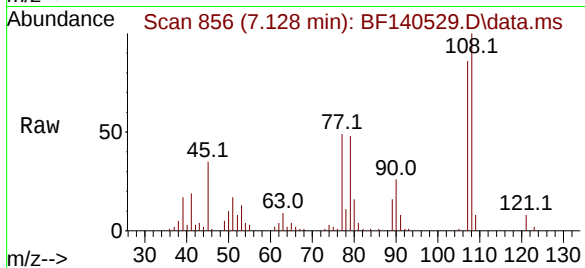




#17  
2-Methylphenol  
Concen: 5.553 ng  
RT: 7.128 min Scan# 890  
Delta R.T. -0.006 min  
Lab File: BF140529.D  
Acq: 21 Nov 2024 11:39

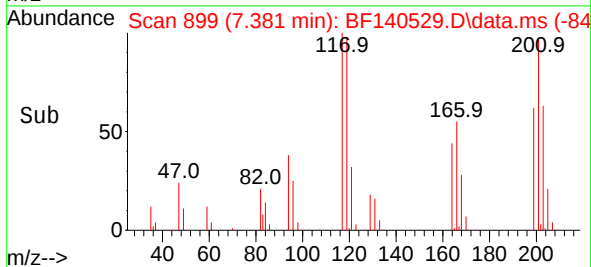
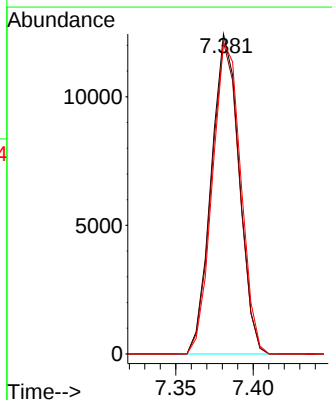
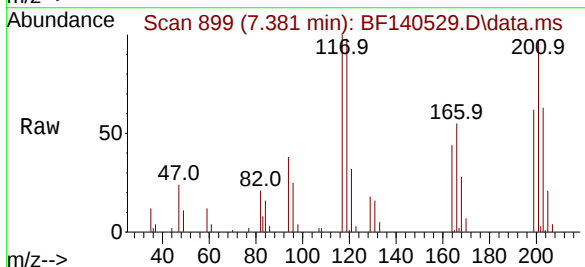
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC005

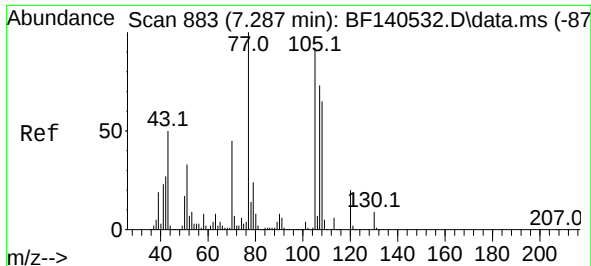
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 29188 |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 108      | 115.6 | 91.7  | 137.5 |
| 77       | 56.2  | 49.3  | 73.9  |
| 79       | 55.0  | 47.1  | 70.7  |



#18  
Hexachloroethane  
Concen: 5.577 ng  
RT: 7.381 min Scan# 899  
Delta R.T. -0.006 min  
Lab File: BF140529.D  
Acq: 21 Nov 2024 11:39

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 15560 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 97.6  | 77.1  | 115.7 |
| 201      | 97.4  | 81.1  | 121.7 |





#19

n-Nitroso-di-n-propylamine

Concen: 5.470 ng

RT: 7.275 min Scan# 881

Delta R.T. -0.012 min

Lab File: BF140529.D

Acq: 21 Nov 2024 11:39

Instrument :

BNA\_F

ClientSampleId :

SSTDICC005

Tgt Ion: 70 Resp: 26085

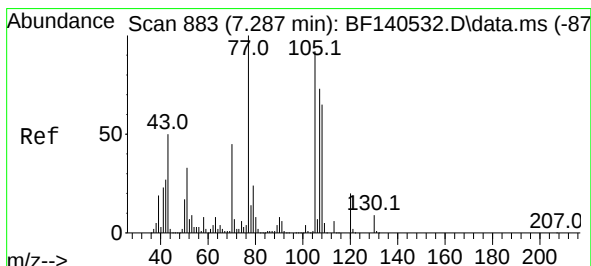
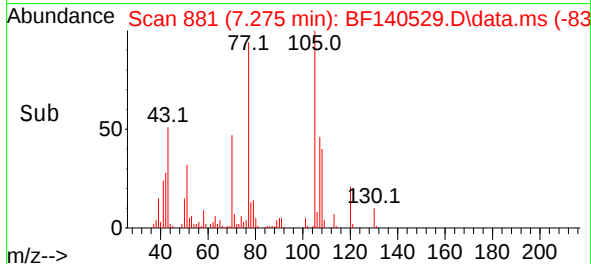
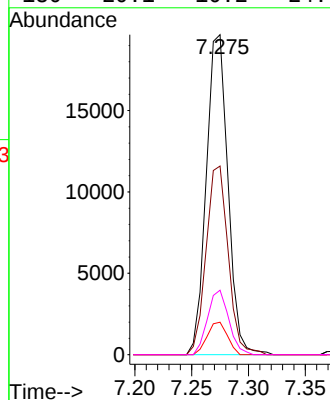
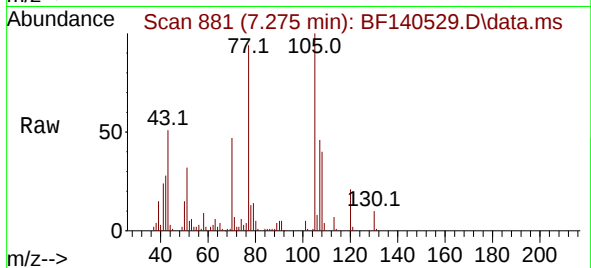
Ion Ratio Lower Upper

70 100

42 58.9 47.6 71.4

101 10.2 7.6 11.4

130 20.1 16.2 24.4



#20

3+4-Methylphenols

Concen: 5.760 ng

RT: 7.281 min Scan# 882

Delta R.T. -0.006 min

Lab File: BF140529.D

Acq: 21 Nov 2024 11:39

Tgt Ion:107 Resp: 38915

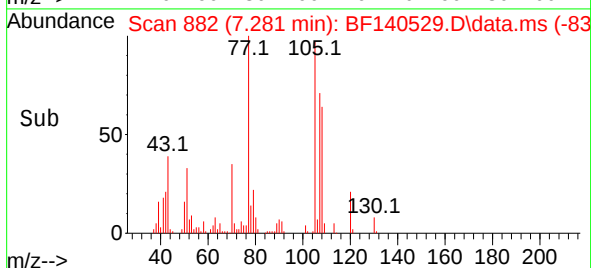
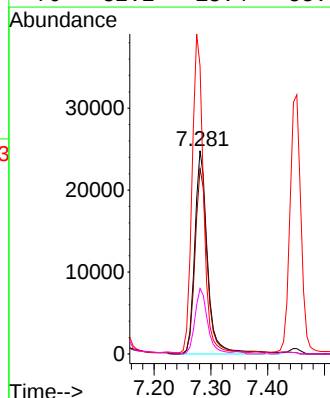
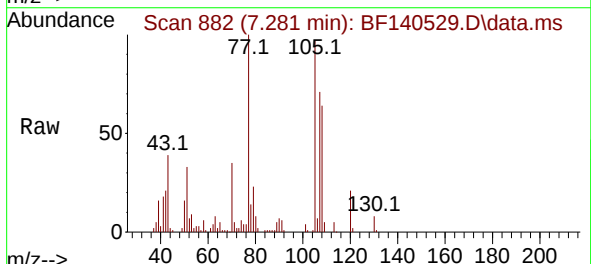
Ion Ratio Lower Upper

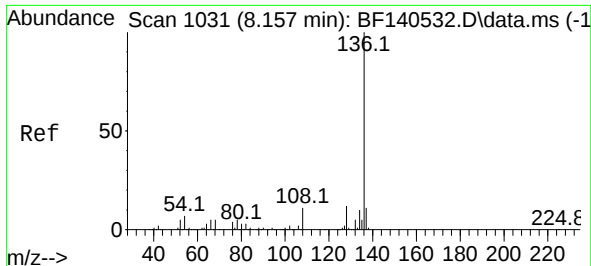
107 100

108 91.2 69.9 109.9

77 141.7 117.7 157.7

79 32.2 13.4 53.4

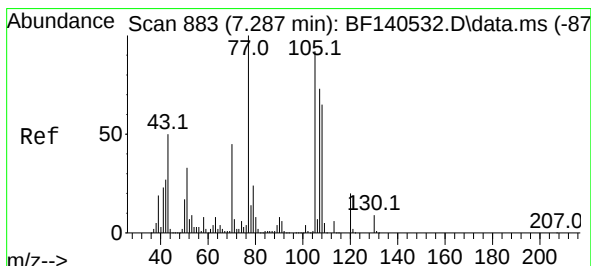
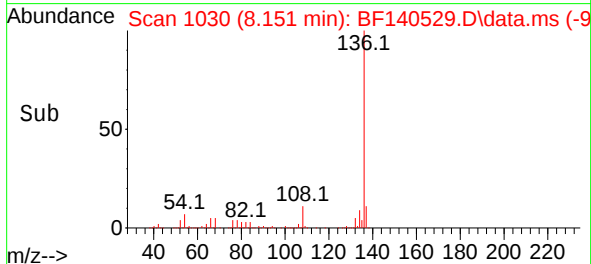
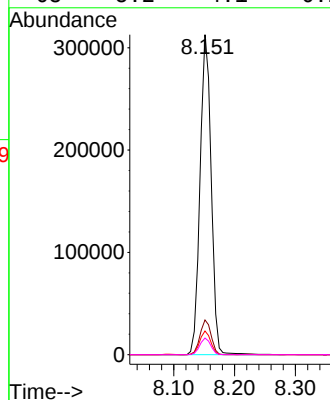
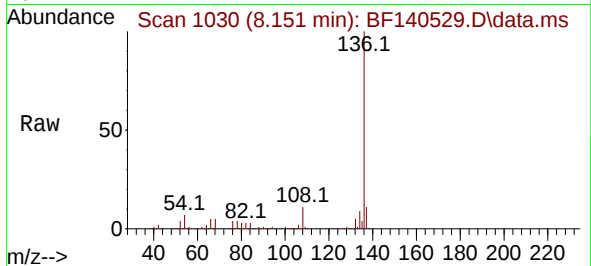




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.151 min Scan# 1031  
Delta R.T. -0.006 min  
Lab File: BF140529.D  
Acq: 21 Nov 2024 11:39

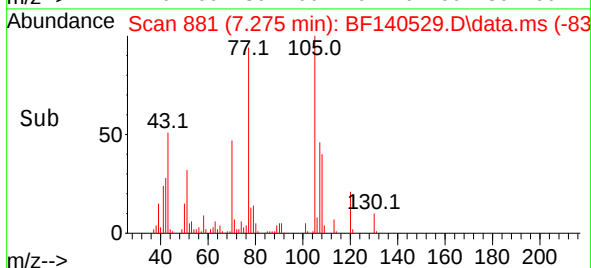
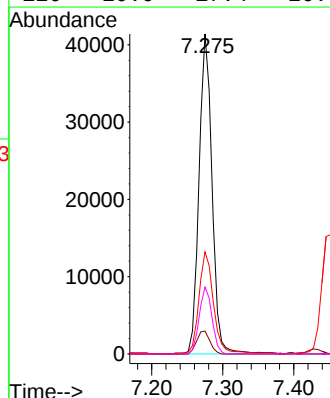
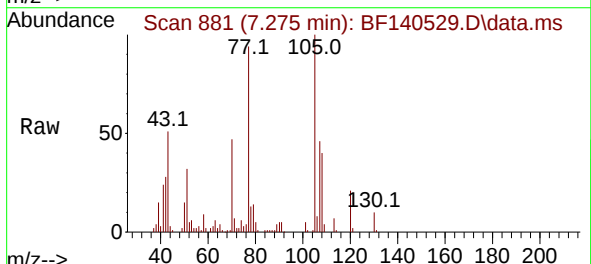
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC005

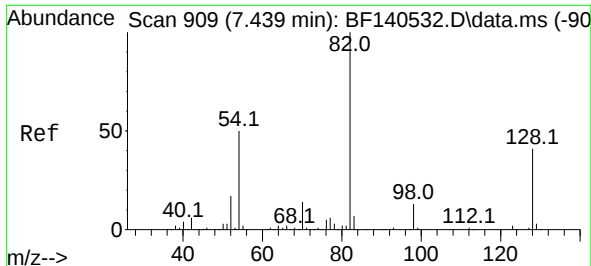
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 395935 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 10.9  | 8.6   | 13.0   |
| 54       | 7.4   | 5.8   | 8.8    |
| 68       | 5.2   | 4.1   | 6.1    |



#22  
Acetophenone  
Concen: 5.492 ng  
RT: 7.275 min Scan# 881  
Delta R.T. -0.012 min  
Lab File: BF140529.D  
Acq: 21 Nov 2024 11:39

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 105   | Resp: | 53017 |
| Ion      | Ratio | Lower | Upper |
| 105      | 100   |       |       |
| 71       | 7.2   | 6.2   | 9.2   |
| 51       | 31.9  | 29.0  | 43.6  |
| 120      | 20.9  | 17.4  | 26.0  |





#23

Nitrobenzene-d5

Concen: 10.457 ng

RT: 7.428 min Scan# 909

Delta R.T. -0.012 min

Lab File: BF140529.D

Acq: 21 Nov 2024 11:39

Instrument :

BNA\_F

ClientSampleId :

SSTDICC005

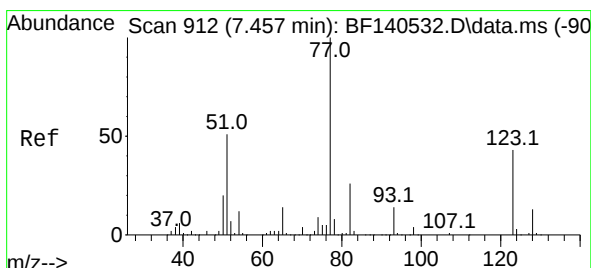
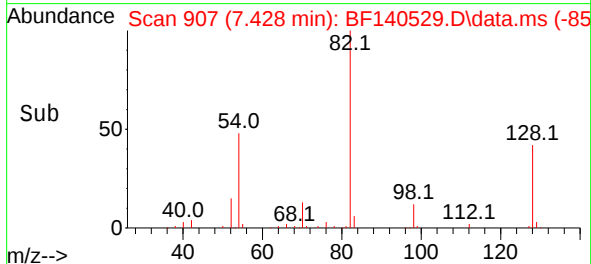
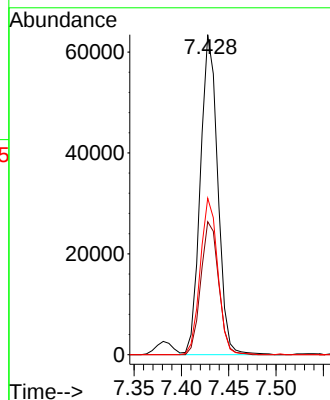
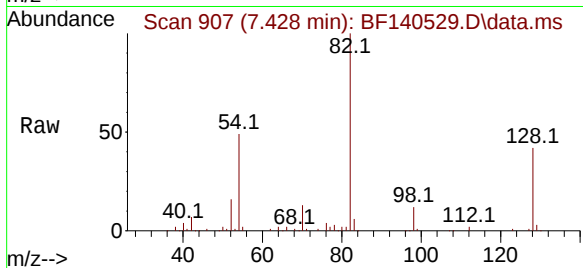
Tgt Ion: 82 Resp: 80941

Ion Ratio Lower Upper

82 100

128 41.6 33.0 49.4

54 48.9 39.5 59.3



#24

Nitrobenzene

Concen: 5.432 ng

RT: 7.451 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF140529.D

Acq: 21 Nov 2024 11:39

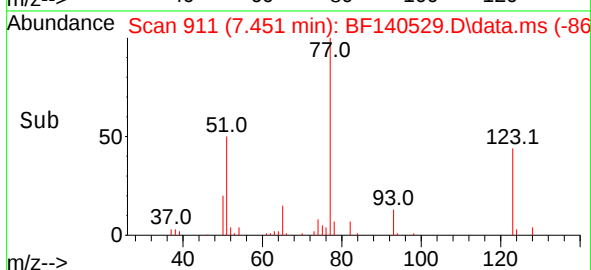
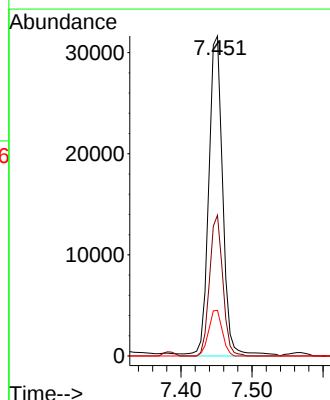
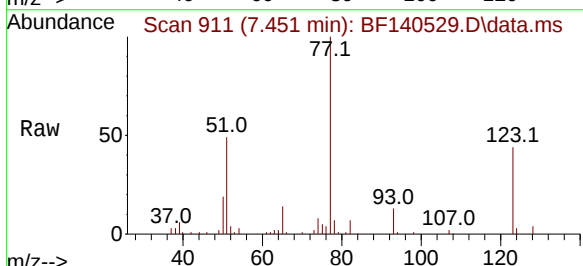
Tgt Ion: 77 Resp: 43460

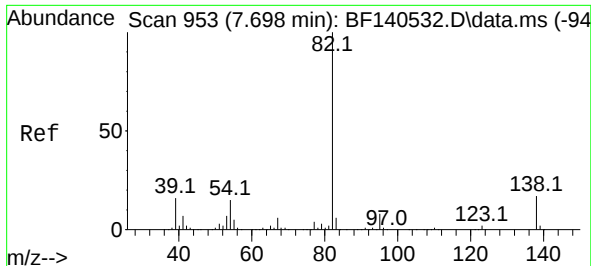
Ion Ratio Lower Upper

77 100

123 44.0 34.3 51.5

65 14.3 11.2 16.8

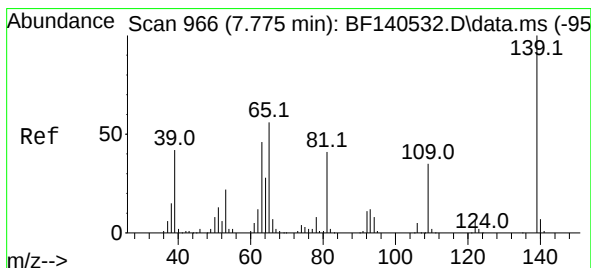
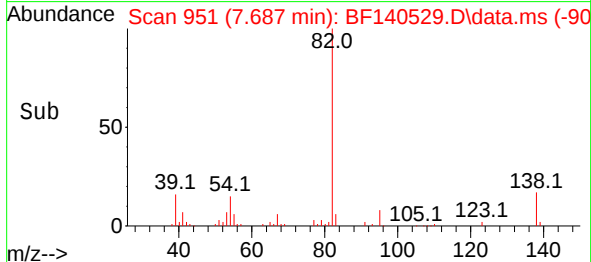
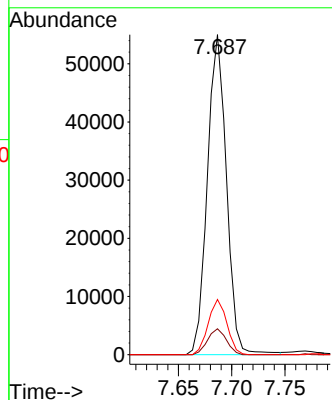
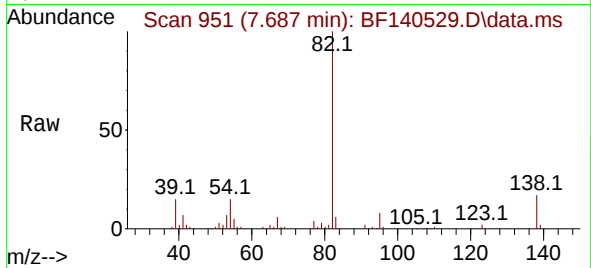




#25  
Isophorone  
Concen: 5.321 ng  
RT: 7.687 min Scan# 91  
Delta R.T. -0.012 min  
Lab File: BF140529.D  
Acq: 21 Nov 2024 11:39

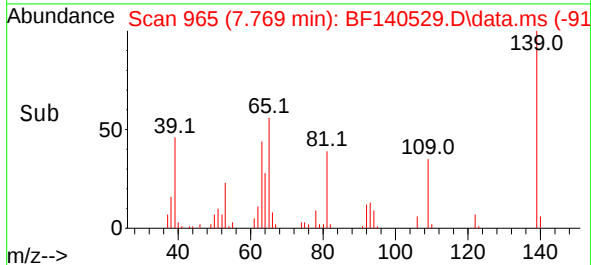
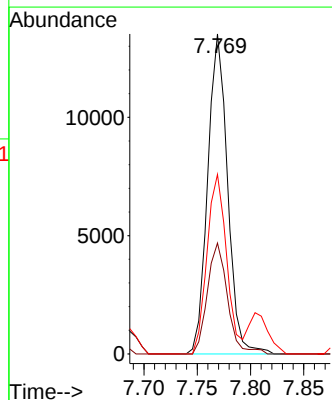
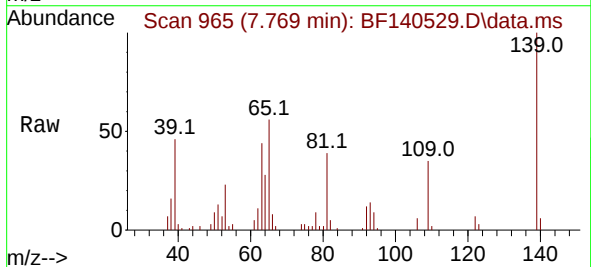
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC005

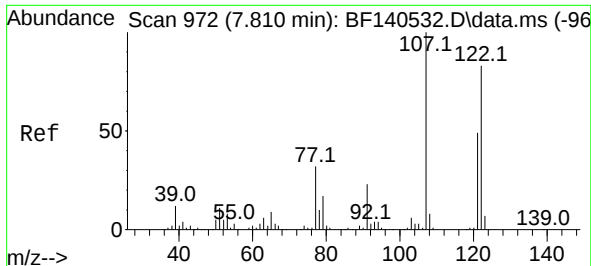
Tgt Ion: 82 Resp: 68701  
Ion Ratio Lower Upper  
82 100  
95 8.1 6.4 9.6  
138 17.2 13.8 20.6



#26  
2-Nitrophenol  
Concen: 4.964 ng  
RT: 7.769 min Scan# 965  
Delta R.T. -0.006 min  
Lab File: BF140529.D  
Acq: 21 Nov 2024 11:39

Tgt Ion:139 Resp: 17600  
Ion Ratio Lower Upper  
139 100  
109 34.7 28.0 42.0  
65 56.1 44.6 67.0

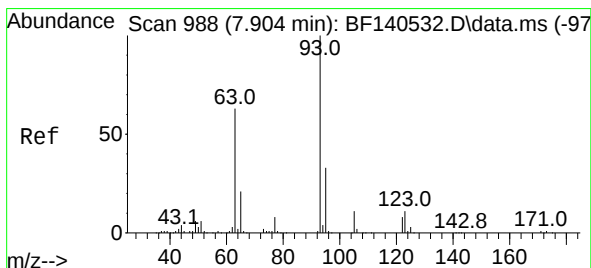
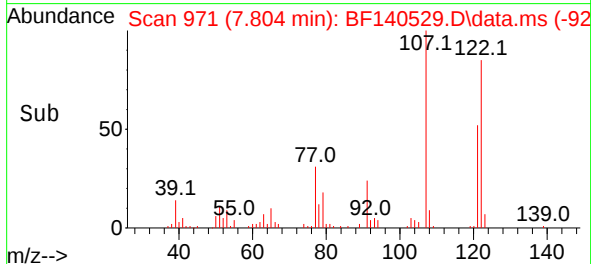
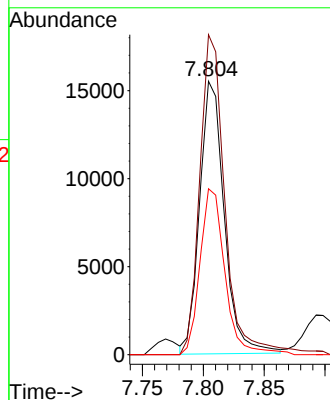
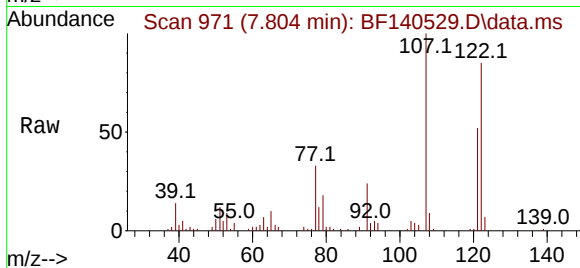




#27  
2,4-Dimethylphenol  
Concen: 5.149 ng  
RT: 7.804 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: BF140529.D  
Acq: 21 Nov 2024 11:39

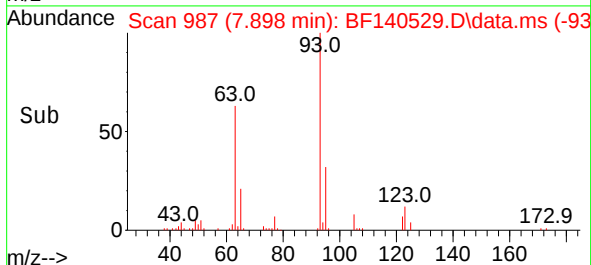
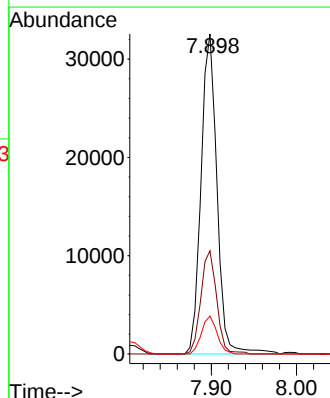
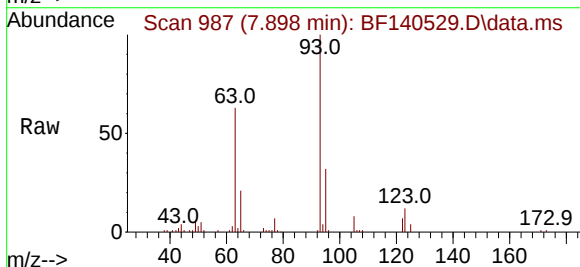
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC005

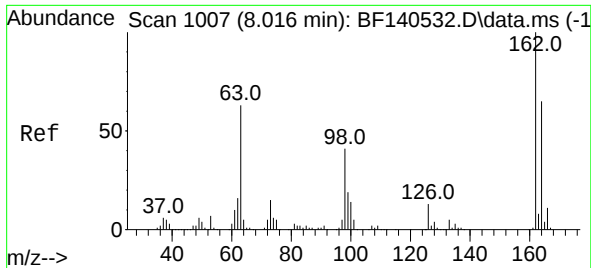
Tgt Ion:122 Resp: 21843  
Ion Ratio Lower Upper  
122 100  
107 117.0 96.8 145.2  
121 60.7 47.4 71.0



#28  
bis(2-Chloroethoxy)methane  
Concen: 5.383 ng  
RT: 7.898 min Scan# 987  
Delta R.T. -0.006 min  
Lab File: BF140529.D  
Acq: 21 Nov 2024 11:39

Tgt Ion: 93 Resp: 42337  
Ion Ratio Lower Upper  
93 100  
95 32.2 26.1 39.1  
123 11.9 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 5.305 ng

RT: 8.022 min Scan# 1008

Delta R.T. 0.006 min

Lab File: BF140529.D

Acq: 21 Nov 2024 11:39

Instrument :

BNA\_F

ClientSampleId :

SSTDICC005

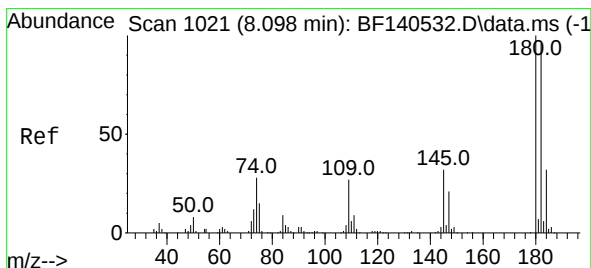
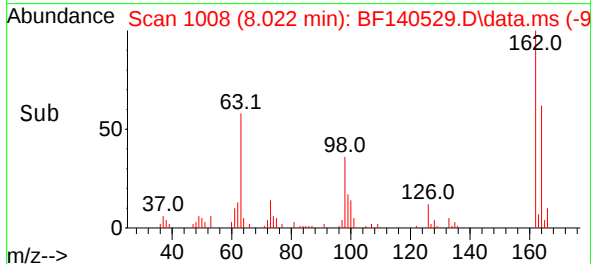
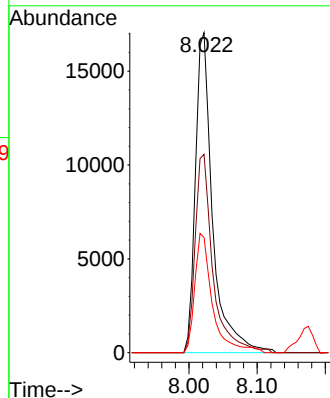
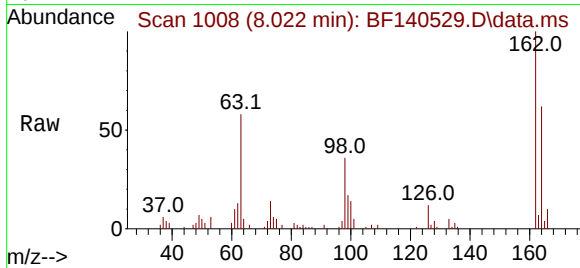
Tgt Ion:162 Resp: 29819

Ion Ratio Lower Upper

162 100

164 62.0 44.8 84.8

98 36.0 21.2 61.2



#30

1,2,4-Trichlorobenzene

Concen: 5.280 ng

RT: 8.092 min Scan# 1020

Delta R.T. -0.006 min

Lab File: BF140529.D

Acq: 21 Nov 2024 11:39

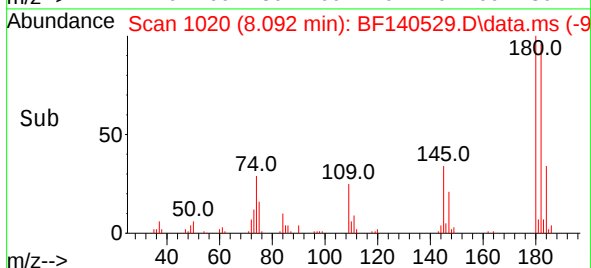
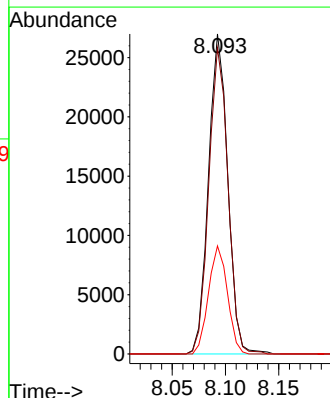
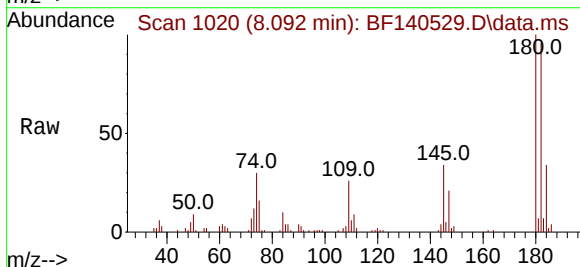
Tgt Ion:180 Resp: 33886

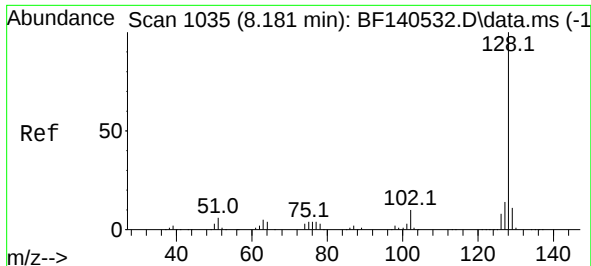
Ion Ratio Lower Upper

180 100

182 95.7 76.4 114.6

145 33.8 25.9 38.9

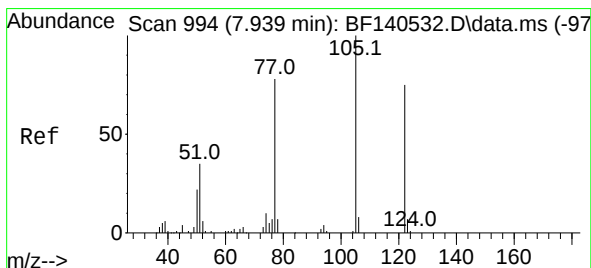
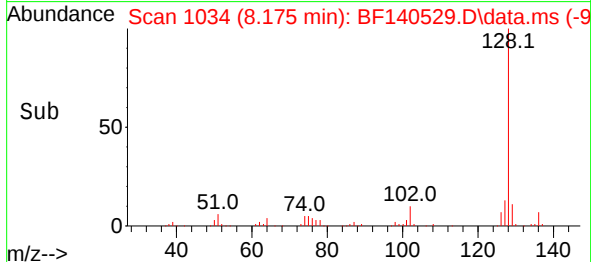
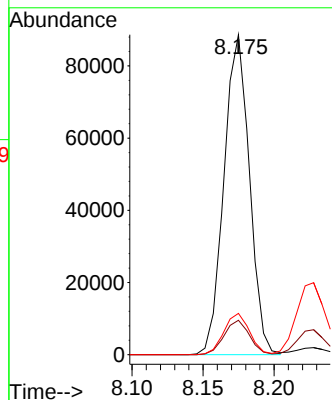
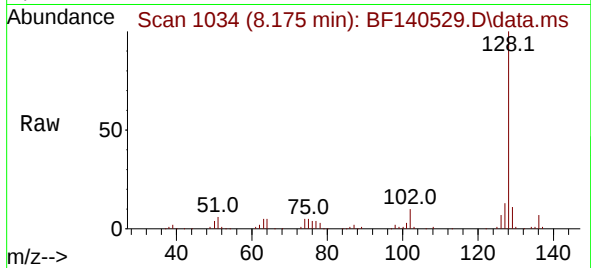




#31  
Naphthalene  
Concen: 5.418 ng  
RT: 8.175 min Scan# 110501  
Delta R.T. -0.006 min  
Lab File: BF140529.D  
Acq: 21 Nov 2024 11:39

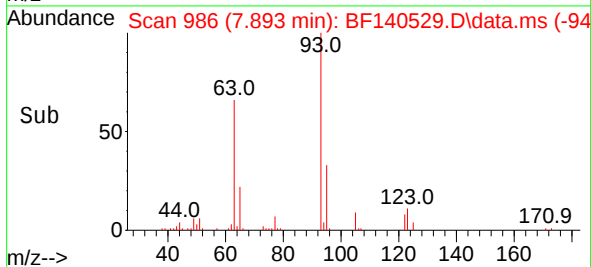
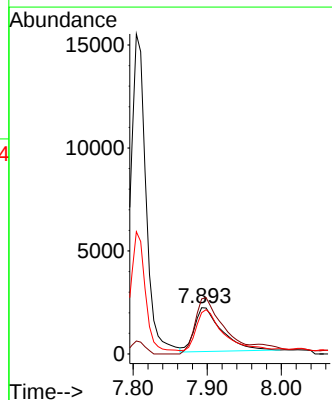
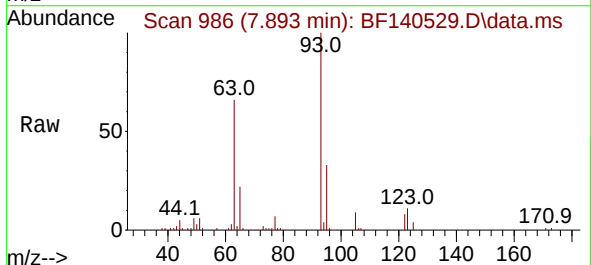
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC005

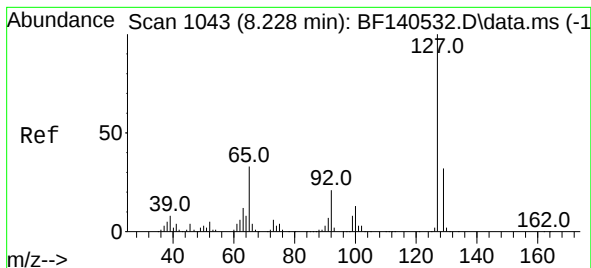
Tgt Ion:128 Resp: 110501  
Ion Ratio Lower Upper  
128 100  
129 10.7 8.6 13.0  
127 12.9 10.8 16.2



#32  
Benzoic acid  
Concen: 8.451 ng  
RT: 7.893 min Scan# 986  
Delta R.T. -0.046 min  
Lab File: BF140529.D  
Acq: 21 Nov 2024 11:39

Tgt Ion:122 Resp: 5465  
Ion Ratio Lower Upper  
122 100  
105 119.2 109.3 149.3  
77 89.2 82.3 122.3





#33

4-Chloroaniline

Concen: 4.985 ng

RT: 8.228 min Scan# 1043

Delta R.T. 0.000 min

Lab File: BF140529.D

Acq: 21 Nov 2024 11:39

Instrument :

BNA\_F

ClientSampleId :

SSTDICC005

Tgt Ion:127 Resp: 30440

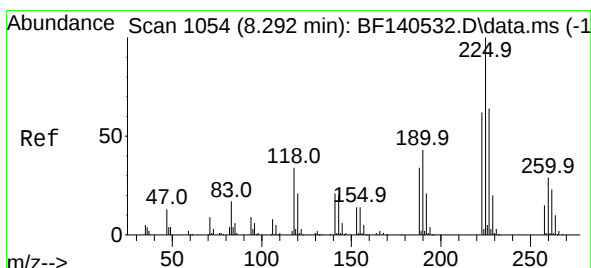
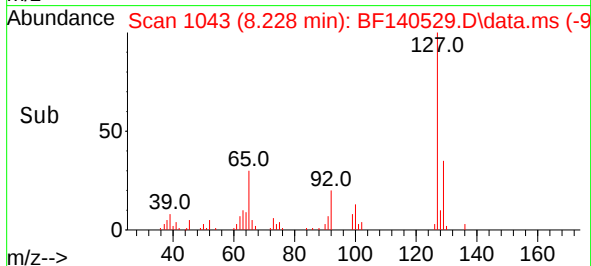
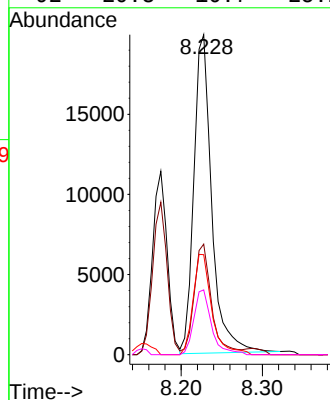
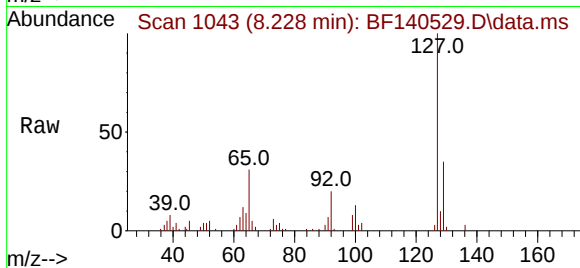
Ion Ratio Lower Upper

127 100

129 34.5 26.0 39.0

65 31.3 26.0 39.0

92 20.3 16.7 25.1



#34

Hexachlorobutadiene

Concen: 5.280 ng

RT: 8.287 min Scan# 1053

Delta R.T. -0.006 min

Lab File: BF140529.D

Acq: 21 Nov 2024 11:39

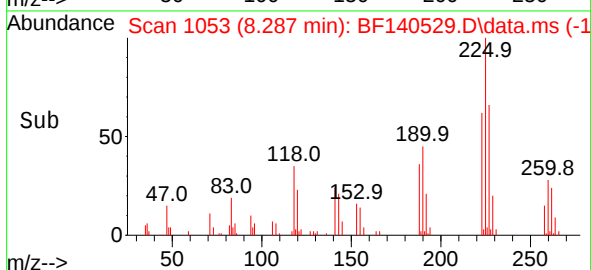
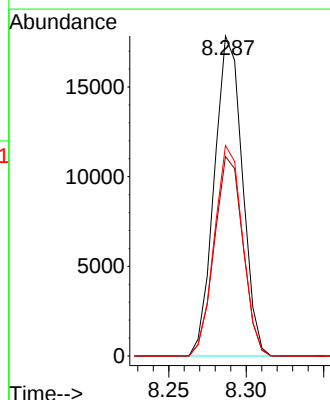
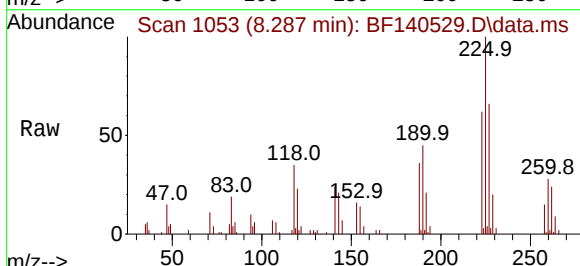
Tgt Ion:225 Resp: 22446

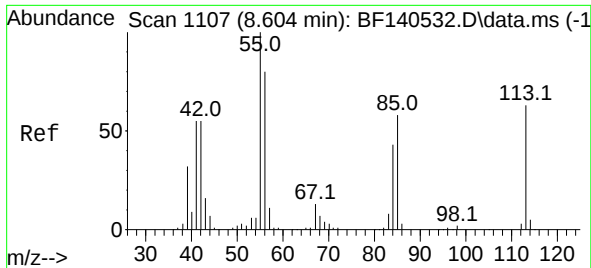
Ion Ratio Lower Upper

225 100

223 62.3 49.8 74.8

227 65.7 51.3 76.9





#35

Caprolactam

Concen: 5.165 ng

RT: 8.557 min Scan# 1107

Delta R.T. -0.047 min

Lab File: BF140529.D

Acq: 21 Nov 2024 11:39

Instrument :

BNA\_F

ClientSampleId :

SSTDICC005

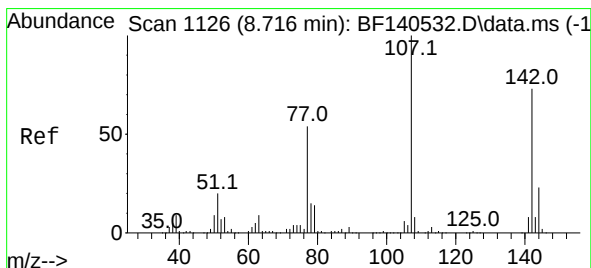
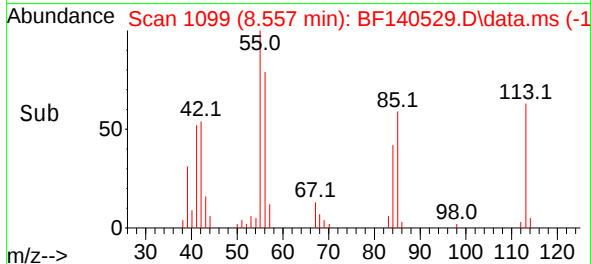
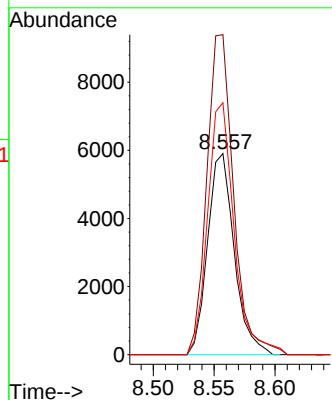
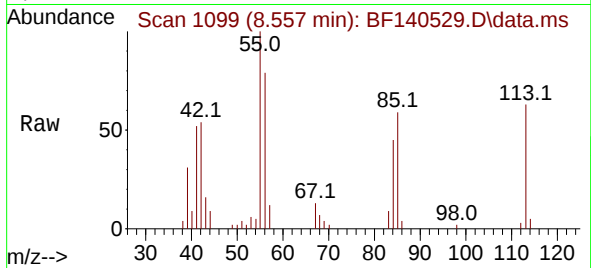
Tgt Ion:113 Resp: 8985

Ion Ratio Lower Upper

113 100

55 159.1 137.7 177.7

56 125.3 106.4 146.4



#36

4-Chloro-3-methylphenol

Concen: 5.467 ng

RT: 8.710 min Scan# 1125

Delta R.T. -0.006 min

Lab File: BF140529.D

Acq: 21 Nov 2024 11:39

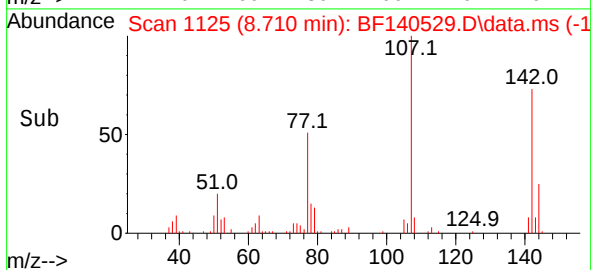
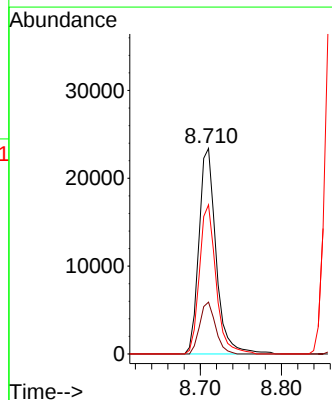
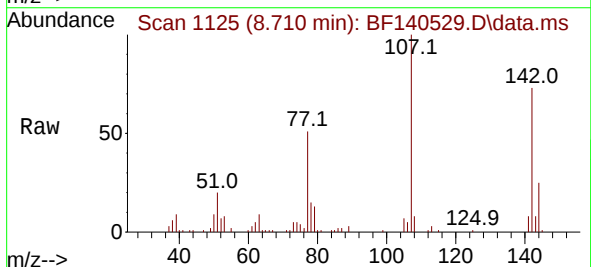
Tgt Ion:107 Resp: 34404

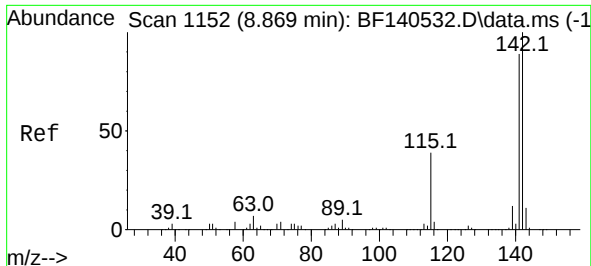
Ion Ratio Lower Upper

107 100

144 25.2 18.7 28.1

142 72.6 58.3 87.5





#37

2-Methylnaphthalene

Concen: 5.536 ng

RT: 8.863 min Scan# 1151

Delta R.T. -0.006 min

Lab File: BF140529.D

Acq: 21 Nov 2024 11:39

Instrument :

BNA\_F

ClientSampleId :

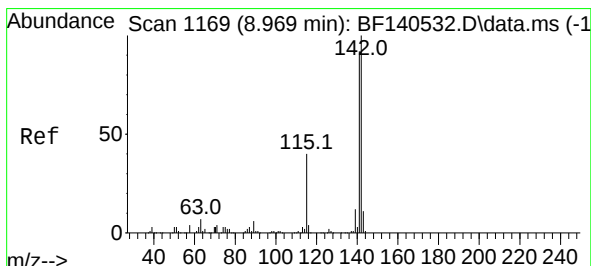
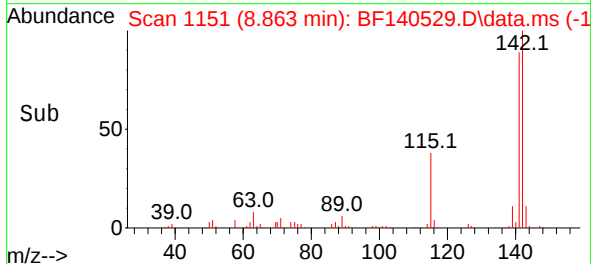
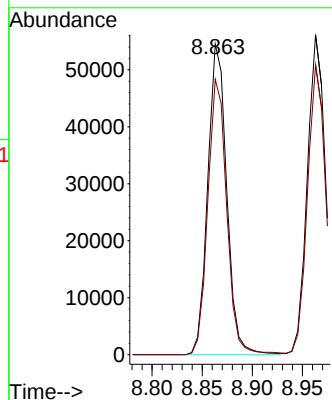
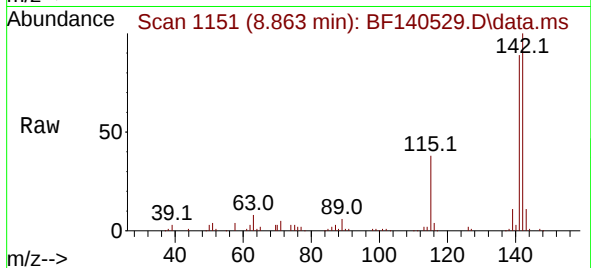
SSTDICC005

Tgt Ion:142 Resp: 71706

Ion Ratio Lower Upper

142 100

141 88.6 71.0 106.6



#38

1-Methylnaphthalene

Concen: 5.510 ng

RT: 8.963 min Scan# 1168

Delta R.T. -0.006 min

Lab File: BF140529.D

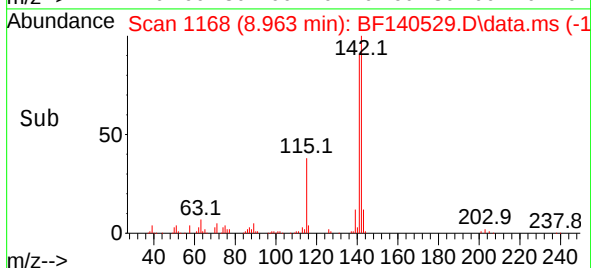
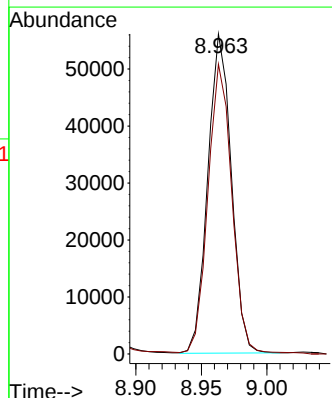
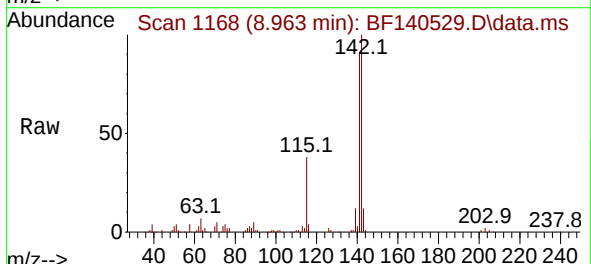
Acq: 21 Nov 2024 11:39

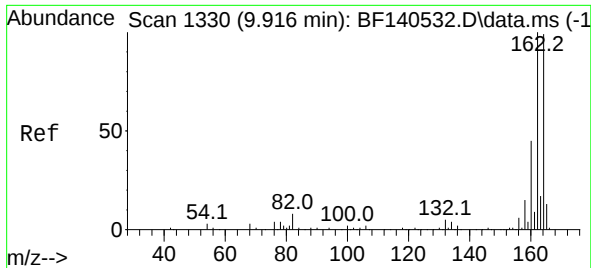
Tgt Ion:142 Resp: 69955

Ion Ratio Lower Upper

142 100

141 90.5 73.3 109.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140529.D

Acq: 21 Nov 2024 11:39

Instrument :

BNA\_F

ClientSampleId :

SSTDICC005

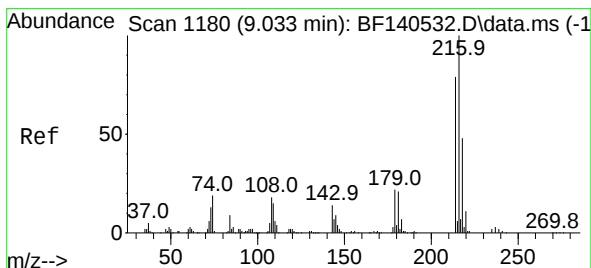
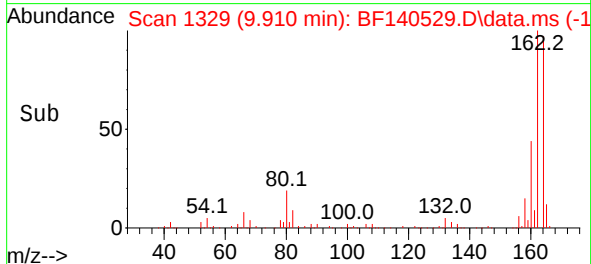
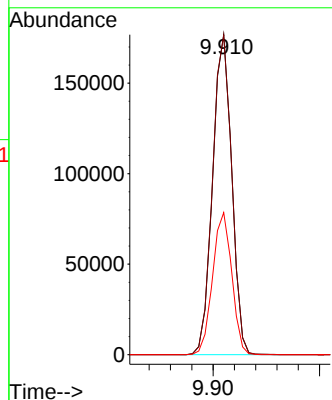
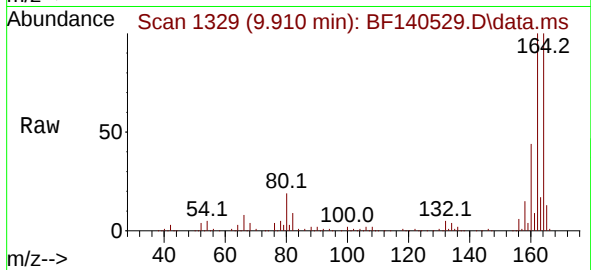
Tgt Ion:164 Resp: 219293

Ion Ratio Lower Upper

164 100

162 99.9 80.6 120.8

160 44.4 36.2 54.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 5.426 ng

RT: 9.034 min Scan# 1180

Delta R.T. 0.000 min

Lab File: BF140529.D

Acq: 21 Nov 2024 11:39

Tgt Ion:216 Resp: 34836

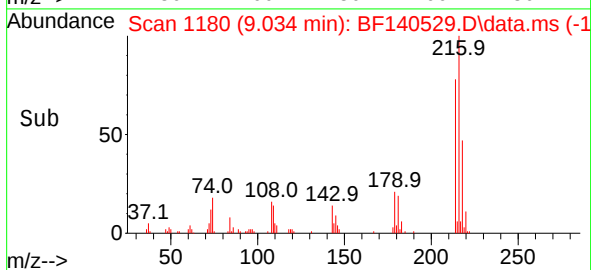
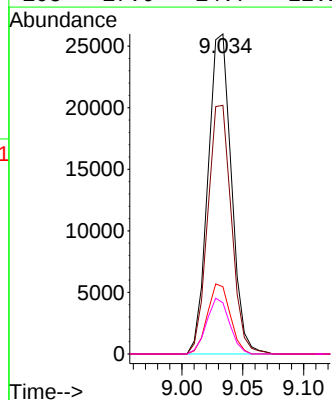
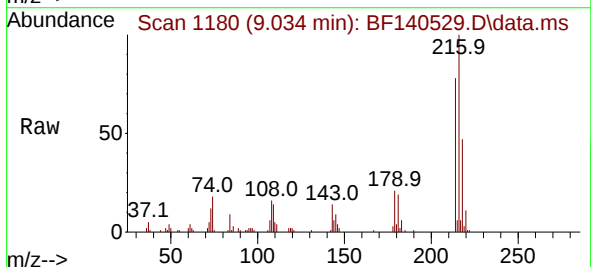
Ion Ratio Lower Upper

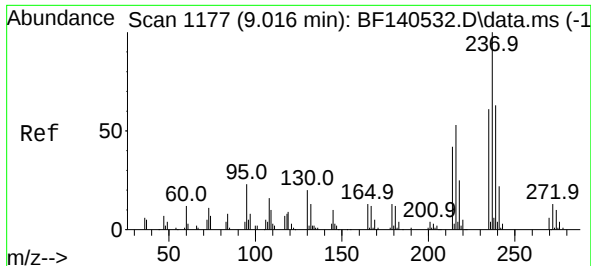
216 100

214 78.2 63.0 94.4

179 21.3 17.5 26.3

108 17.0 14.7 22.1

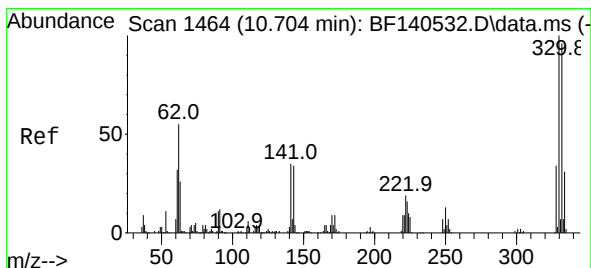
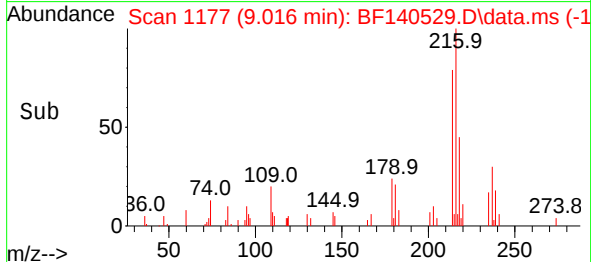
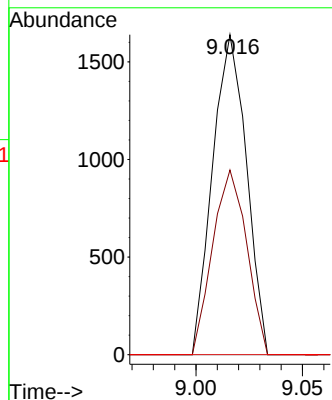
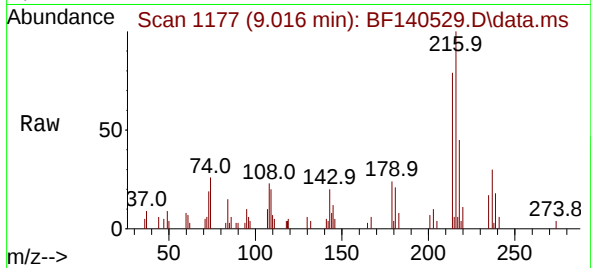




#41  
Hexachlorocyclopentadiene  
Concen: 8.432 ng  
RT: 9.016 min Scan# 1177  
Delta R.T. -0.000 min  
Lab File: BF140529.D  
Acq: 21 Nov 2024 11:39

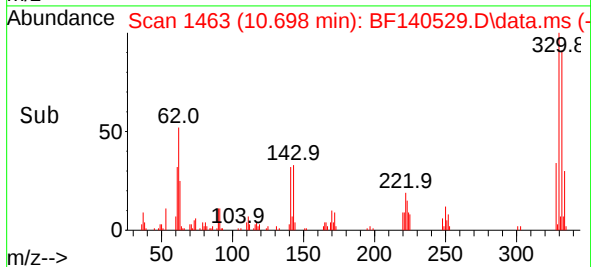
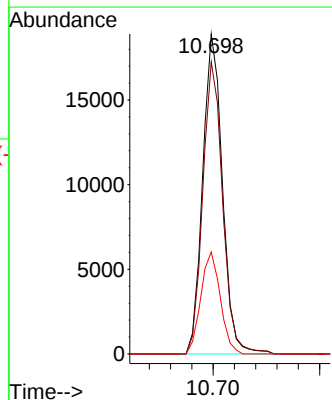
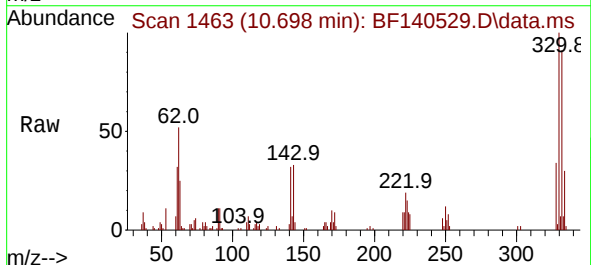
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC005

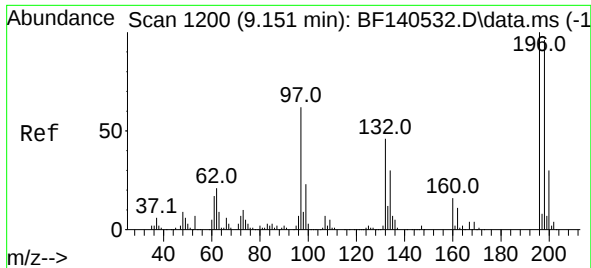
Tgt Ion:237 Resp: 1810  
Ion Ratio Lower Upper  
237 100  
235 57.7 41.1 81.1  
272 0.0 0.0 32.6



#42  
2,4,6-Tribromophenol  
Concen: 10.379 ng  
RT: 10.698 min Scan# 1463  
Delta R.T. -0.006 min  
Lab File: BF140529.D  
Acq: 21 Nov 2024 11:39

Tgt Ion:330 Resp: 24342  
Ion Ratio Lower Upper  
330 100  
332 91.8 76.9 115.3  
141 31.5 26.7 40.1





#43

2,4,6-Trichlorophenol

Concen: 5.224 ng

RT: 9.145 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF140529.D

Acq: 21 Nov 2024 11:39

Instrument :

BNA\_F

ClientSampleId :

SSTDICC005

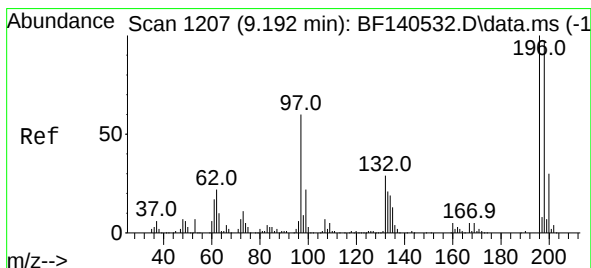
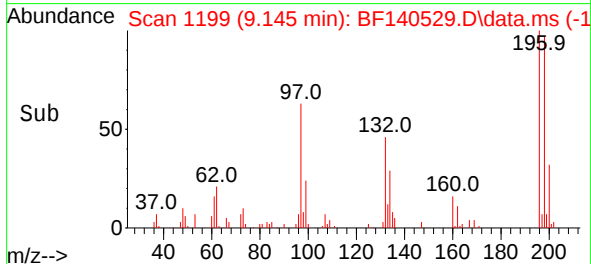
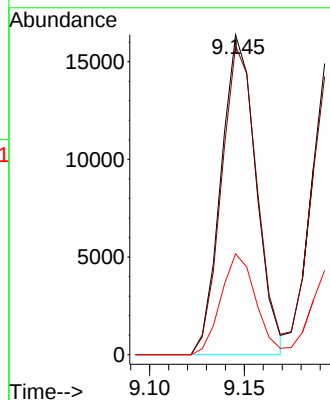
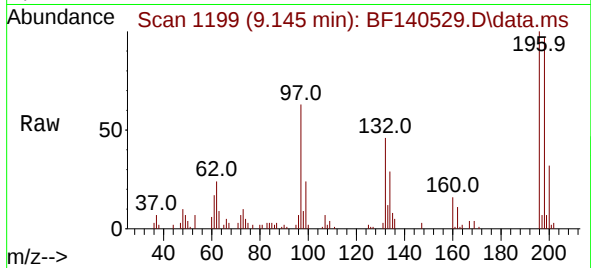
Tgt Ion:196 Resp: 21046

Ion Ratio Lower Upper

196 100

198 96.6 76.8 115.2

200 31.5 24.3 36.5



#44

2,4,5-Trichlorophenol

Concen: 5.046 ng

RT: 9.192 min Scan# 1207

Delta R.T. 0.000 min

Lab File: BF140529.D

Acq: 21 Nov 2024 11:39

Tgt Ion:196 Resp: 22061

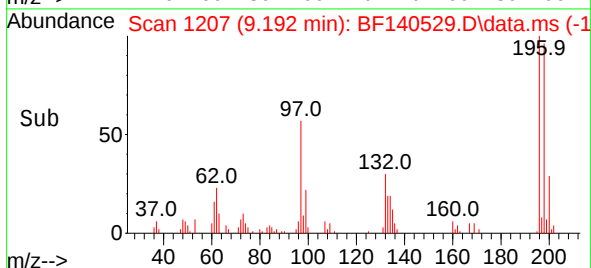
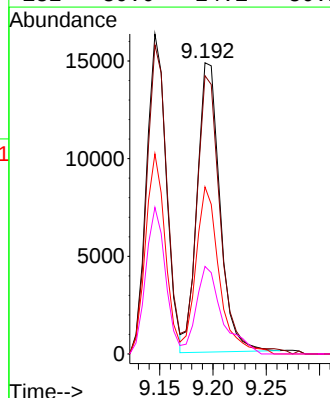
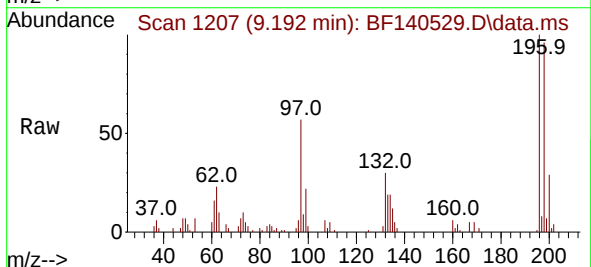
Ion Ratio Lower Upper

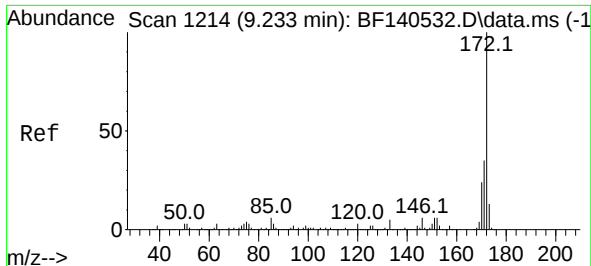
196 100

198 95.5 77.2 115.8

97 57.4 47.1 70.7

132 30.0 24.1 36.1





#45

2-Fluorobiphenyl

Concen: 11.550 ng

RT: 9.222 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF140529.D

Acq: 21 Nov 2024 11:39

Instrument :

BNA\_F

ClientSampleId :

SSTDICC005

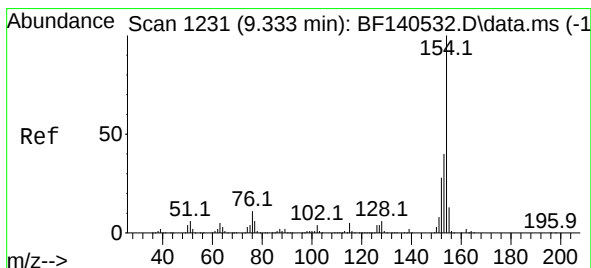
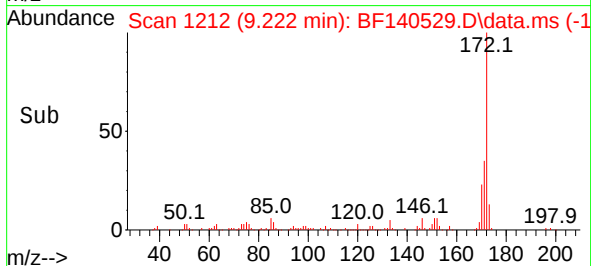
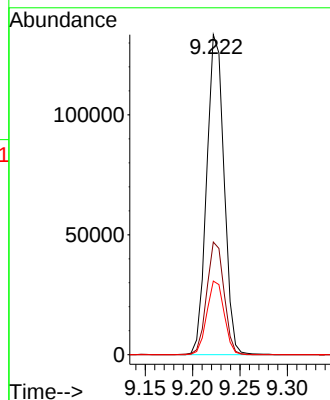
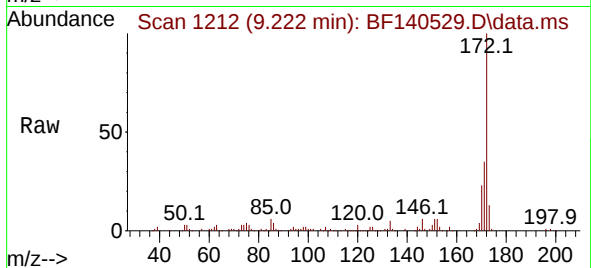
Tgt Ion:172 Resp: 170000

Ion Ratio Lower Upper

172 100

171 35.2 28.4 42.6

170 23.0 19.0 28.6



#46

1,1'-Biphenyl

Concen: 5.579 ng

RT: 9.328 min Scan# 1230

Delta R.T. -0.006 min

Lab File: BF140529.D

Acq: 21 Nov 2024 11:39

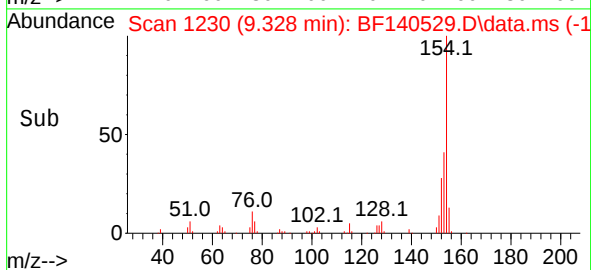
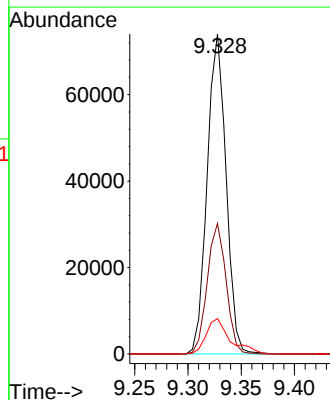
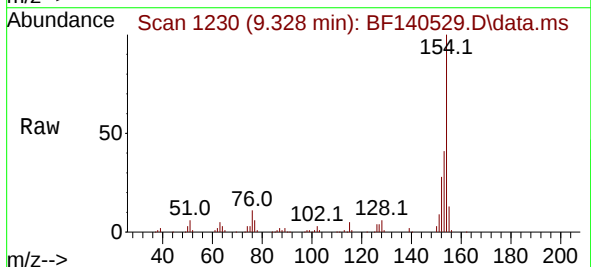
Tgt Ion:154 Resp: 91336

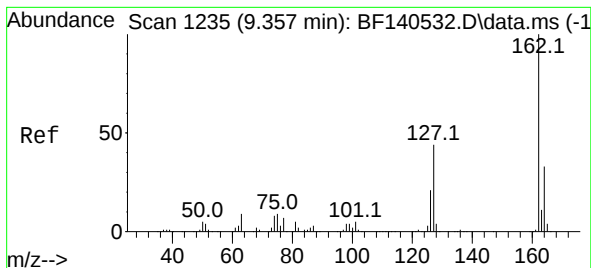
Ion Ratio Lower Upper

154 100

153 40.8 20.4 60.4

76 11.0 0.0 31.2





#47

2-Chloronaphthalene

Concen: 5.526 ng

RT: 9.351 min Scan# 1234

Delta R.T. -0.006 min

Lab File: BF140529.D

Acq: 21 Nov 2024 11:39

Instrument :

BNA\_F

ClientSampleId :

SSTDICC005

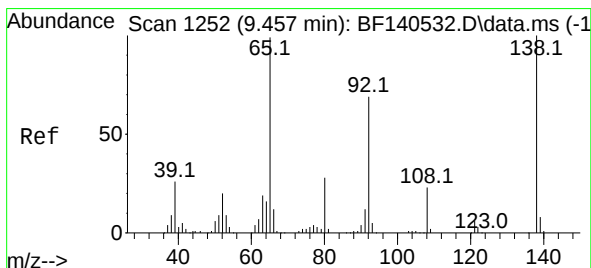
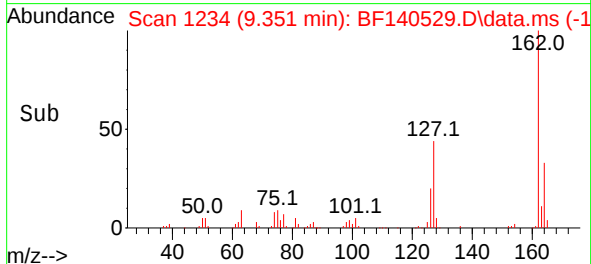
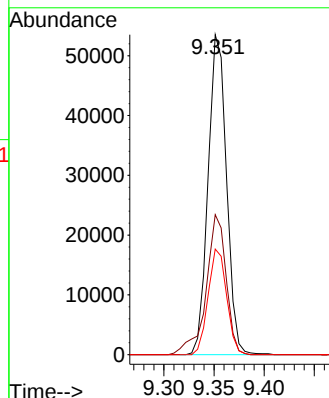
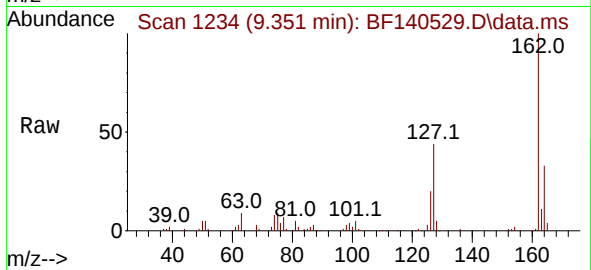
Tgt Ion:162 Resp: 68559

Ion Ratio Lower Upper

162 100

127 43.8 35.7 53.5

164 33.0 26.1 39.1



#48

2-Nitroaniline

Concen: 5.050 ng

RT: 9.451 min Scan# 1251

Delta R.T. -0.006 min

Lab File: BF140529.D

Acq: 21 Nov 2024 11:39

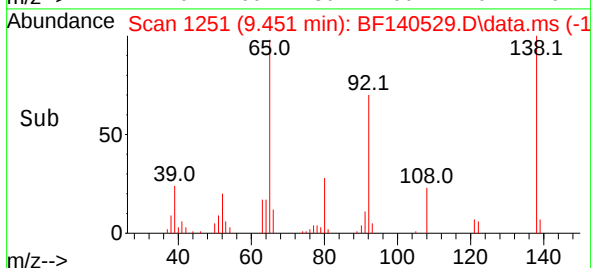
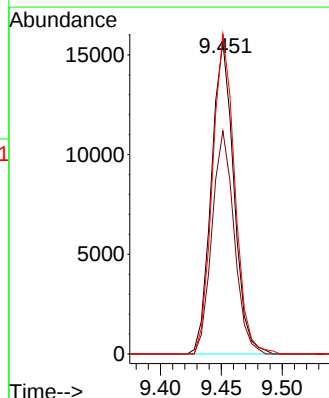
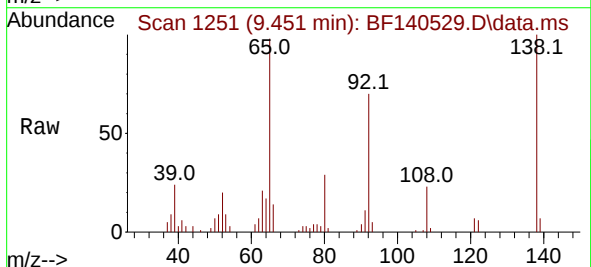
Tgt Ion: 65 Resp: 20109

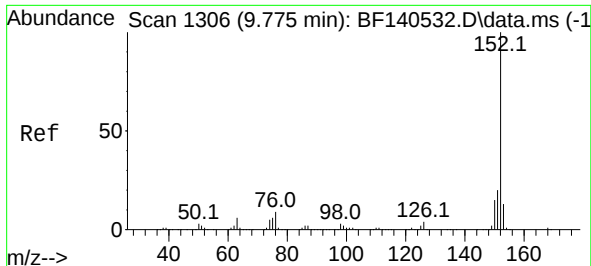
Ion Ratio Lower Upper

65 100

92 71.4 56.1 84.1

138 102.5 81.0 121.6





#49

Acenaphthylene

Concen: 5.527 ng

RT: 9.769 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140529.D

Acq: 21 Nov 2024 11:39

Instrument :

BNA\_F

ClientSampleId :

SSTDICC005

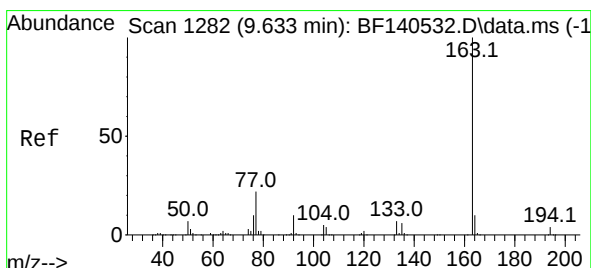
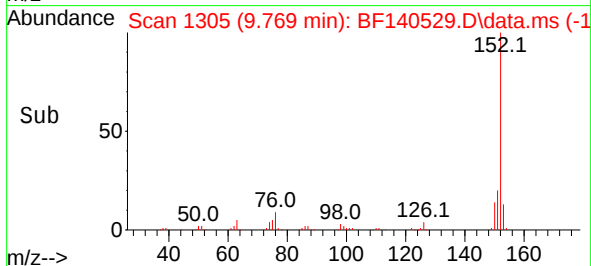
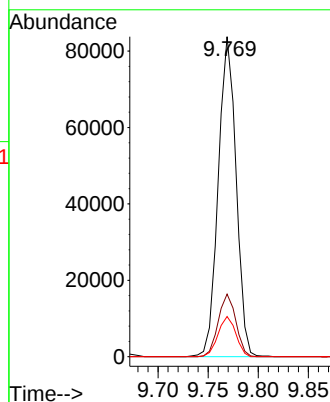
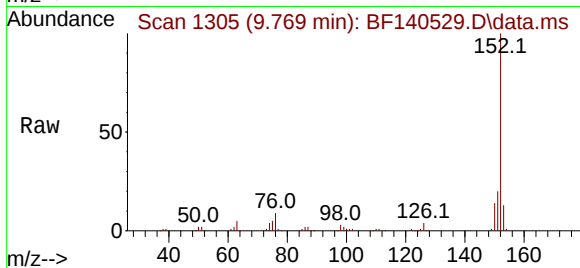
Tgt Ion:152 Resp: 103605

Ion Ratio Lower Upper

152 100

151 19.5 15.9 23.9

153 12.6 10.6 16.0



#50

Dimethylphthalate

Concen: 5.523 ng

RT: 9.622 min Scan# 1280

Delta R.T. -0.012 min

Lab File: BF140529.D

Acq: 21 Nov 2024 11:39

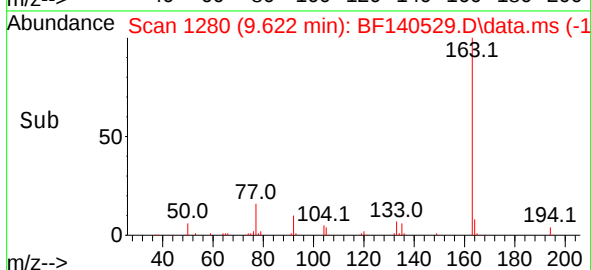
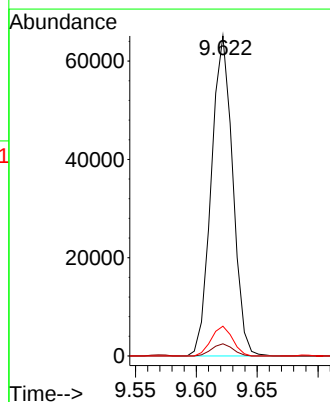
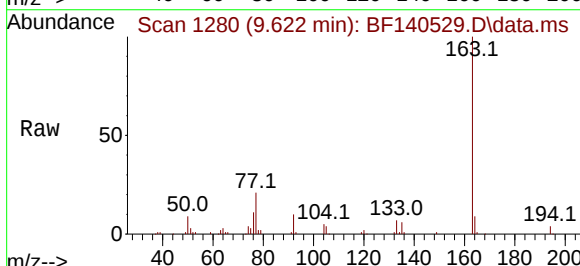
Tgt Ion:163 Resp: 79770

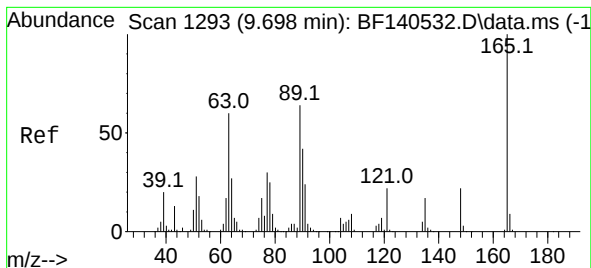
Ion Ratio Lower Upper

163 100

194 3.8 3.1 4.7

164 9.3 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 5.256 ng

RT: 9.687 min Scan# 1291

Delta R.T. -0.012 min

Lab File: BF140529.D

Acq: 21 Nov 2024 11:39

Instrument :

BNA\_F

ClientSampleId :

SSTDICC005

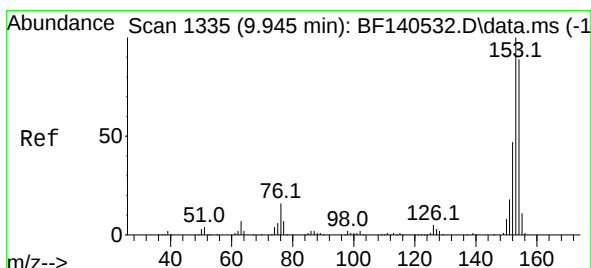
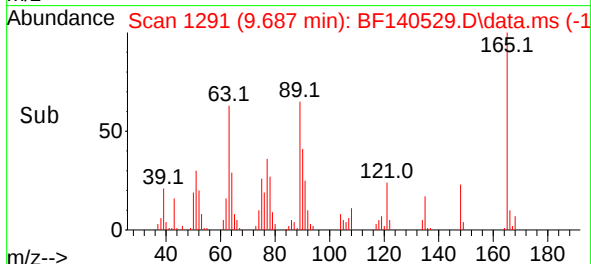
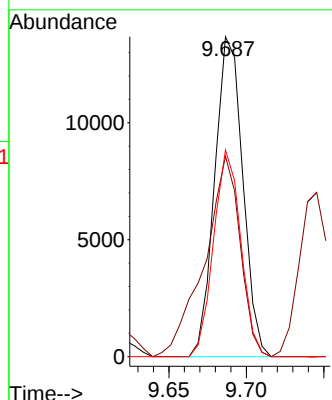
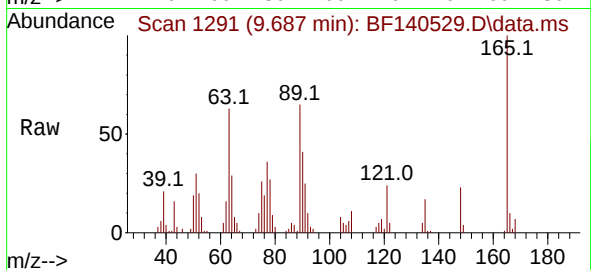
Tgt Ion:165 Resp: 17217

Ion Ratio Lower Upper

165 100

63 62.7 49.9 74.9

89 64.6 50.9 76.3



#52

Acenaphthene

Concen: 5.337 ng

RT: 9.939 min Scan# 1334

Delta R.T. -0.006 min

Lab File: BF140529.D

Acq: 21 Nov 2024 11:39

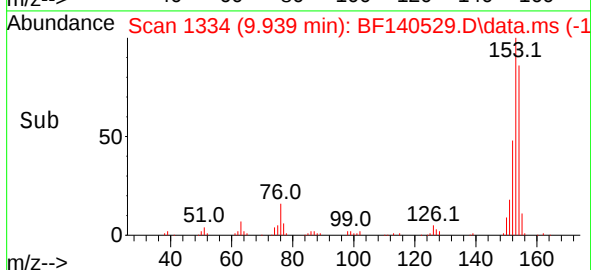
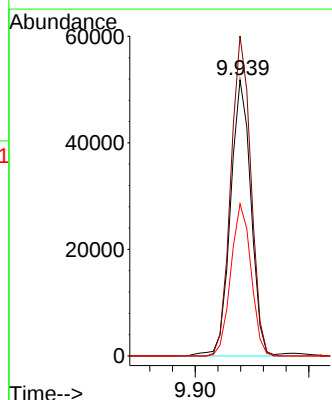
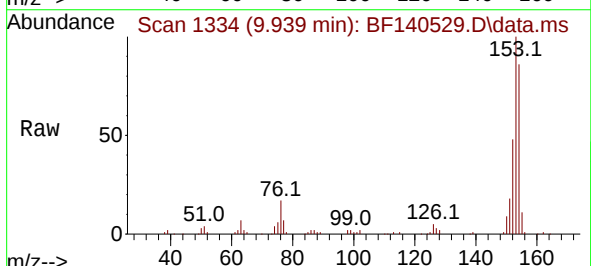
Tgt Ion:154 Resp: 64777

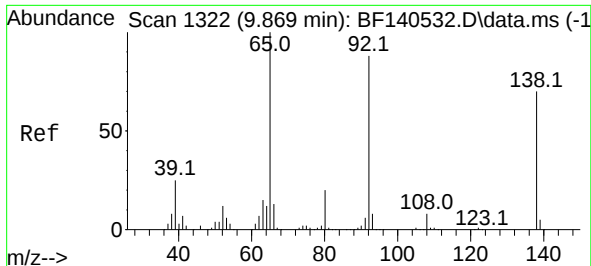
Ion Ratio Lower Upper

154 100

153 116.0 89.7 134.5

152 55.1 42.5 63.7





#53

3-Nitroaniline

Concen: 5.257 ng

RT: 9.863 min Scan# 1321

Delta R.T. -0.006 min

Lab File: BF140529.D

Acq: 21 Nov 2024 11:39

Instrument :

BNA\_F

ClientSampleId :

SSTDICC005

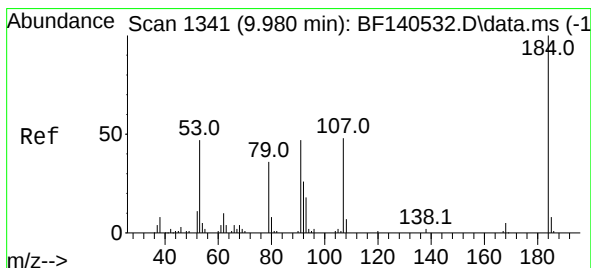
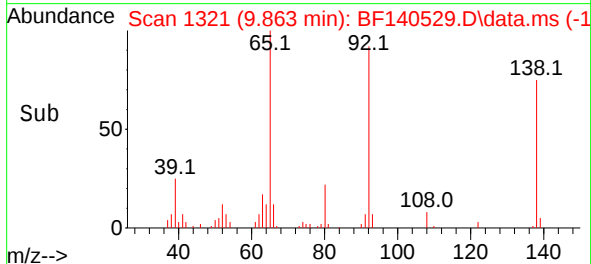
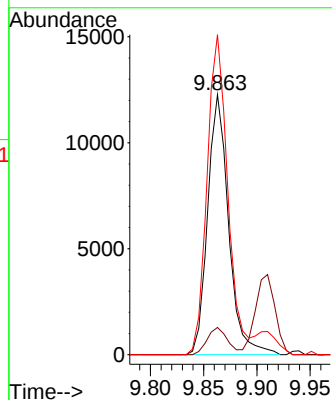
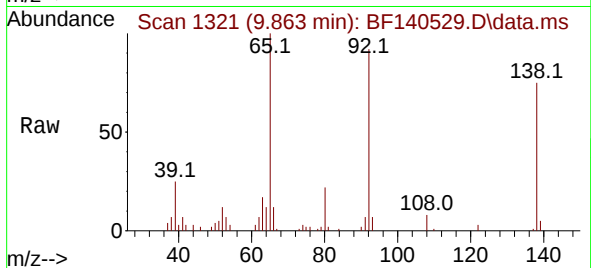
Tgt Ion:138 Resp: 16842

Ion Ratio Lower Upper

138 100

108 10.5 9.2 13.8

92 123.1 100.6 150.8



#54

2,4-Dinitrophenol

Concen: 8.607 ng

RT: 9.986 min Scan# 1342

Delta R.T. 0.006 min

Lab File: BF140529.D

Acq: 21 Nov 2024 11:39

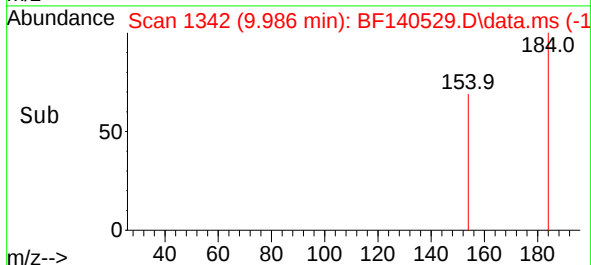
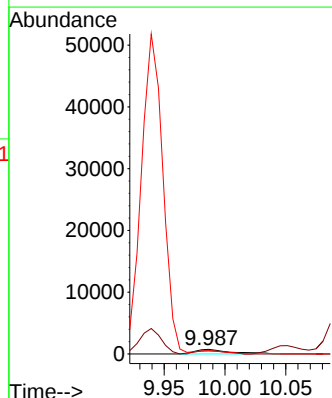
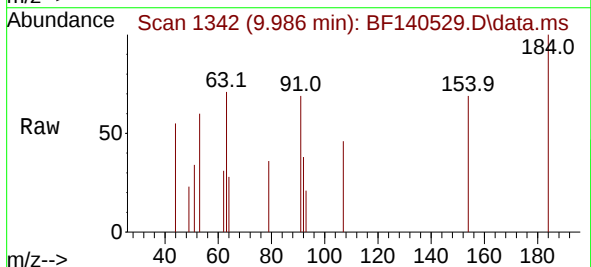
Tgt Ion:184 Resp: 1475

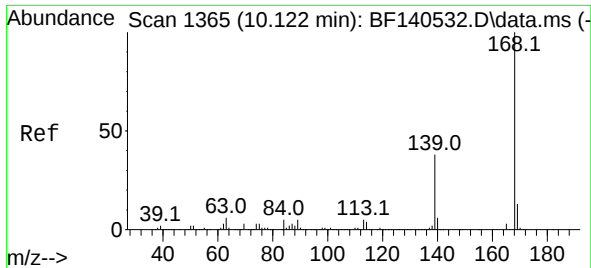
Ion Ratio Lower Upper

184 100

63 71.4 54.1 81.1

154 69.4 57.4 86.0

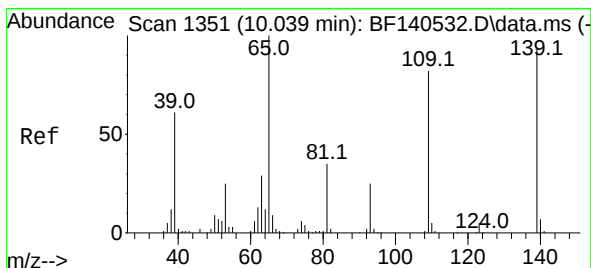
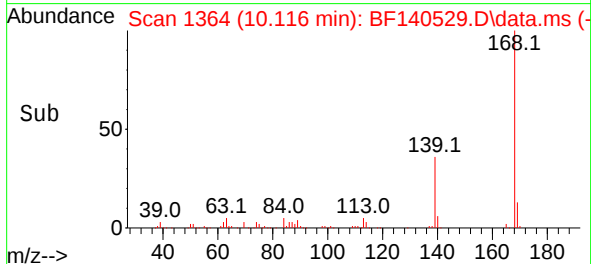
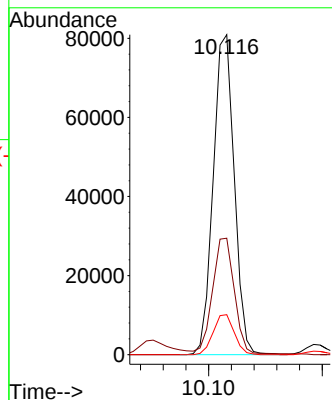
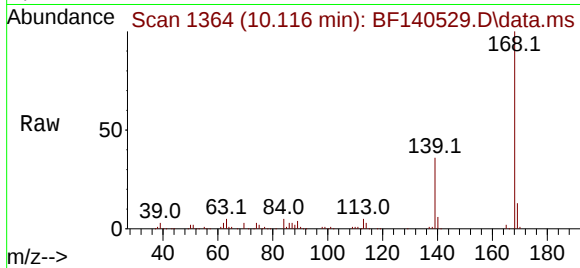




#55  
Dibenzenofuran  
Concen: 5.727 ng  
RT: 10.116 min Scan# 1364  
Delta R.T. -0.006 min  
Lab File: BF140529.D  
Acq: 21 Nov 2024 11:39

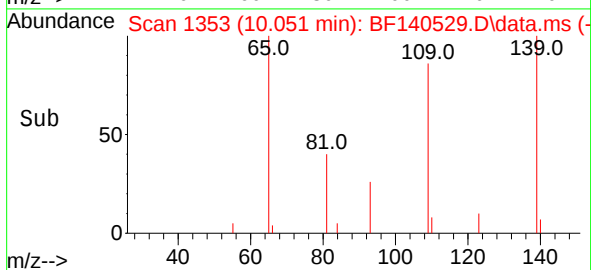
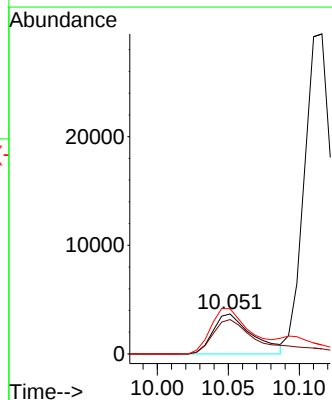
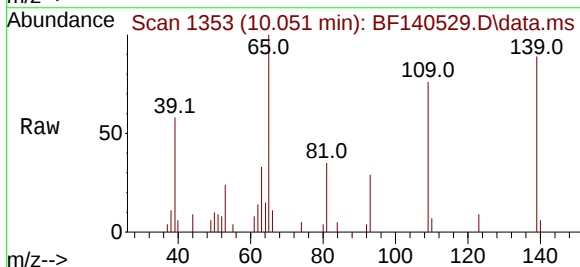
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC005

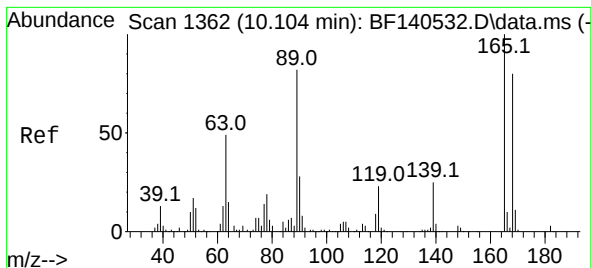
Tgt Ion:168 Resp: 104044  
Ion Ratio Lower Upper  
168 100  
139 36.4 31.3 46.9  
169 12.5 10.5 15.7



#56  
4-Nitrophenol  
Concen: 3.226 ng  
RT: 10.051 min Scan# 1353  
Delta R.T. 0.012 min  
Lab File: BF140529.D  
Acq: 21 Nov 2024 11:39

Tgt Ion:139 Resp: 7048  
Ion Ratio Lower Upper  
139 100  
109 86.0 68.4 108.4  
65 112.7 88.6 128.6

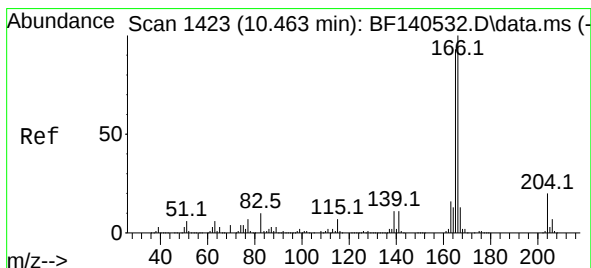
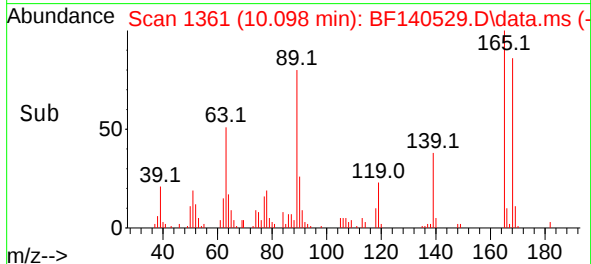
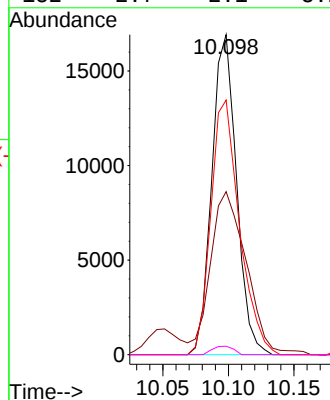
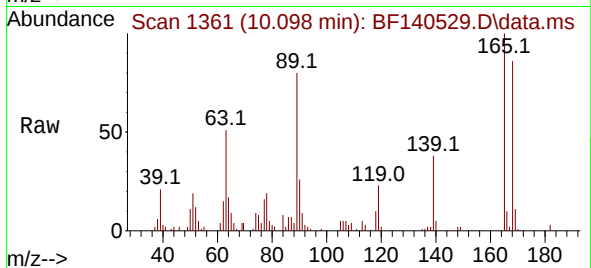




#57  
2,4-Dinitrotoluene  
Concen: 5.079 ng  
RT: 10.098 min Scan# 1361  
Delta R.T. -0.006 min  
Lab File: BF140529.D  
Acq: 21 Nov 2024 11:39

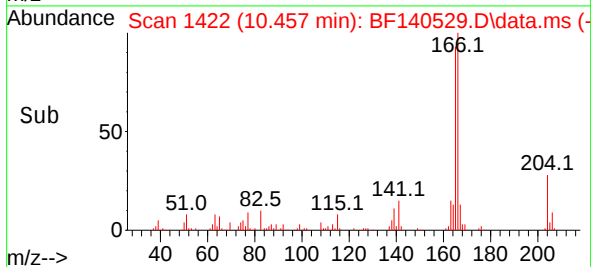
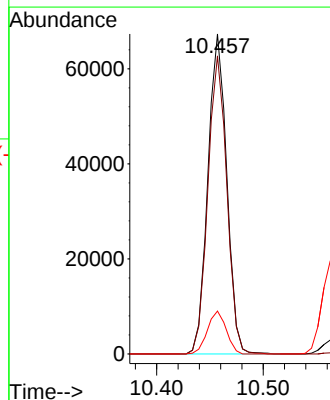
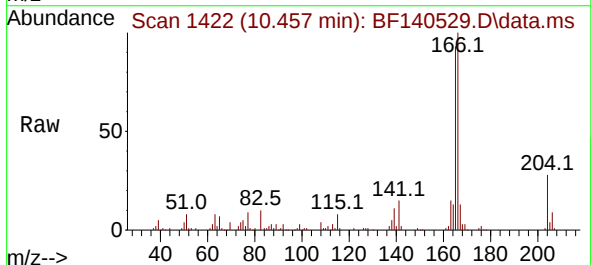
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC005

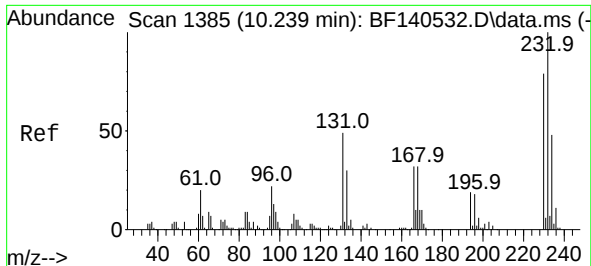
Tgt Ion:165 Resp: 22110  
Ion Ratio Lower Upper  
165 100  
63 50.9 41.7 62.5  
89 79.6 65.8 98.8  
182 2.7 2.1 3.1



#58  
Fluorene  
Concen: 5.674 ng  
RT: 10.457 min Scan# 1422  
Delta R.T. -0.006 min  
Lab File: BF140529.D  
Acq: 21 Nov 2024 11:39

Tgt Ion:166 Resp: 82732  
Ion Ratio Lower Upper  
166 100  
165 93.2 74.6 111.8  
167 13.4 10.6 16.0





#59

2,3,4,6-Tetrachlorophenol

Concen: 5.007 ng

RT: 10.239 min Scan# 1385

Delta R.T. 0.000 min

Lab File: BF140529.D

Acq: 21 Nov 2024 11:39

Instrument :

BNA\_F

ClientSampleId :

SSTDICC005

Tgt Ion:232 Resp: 16825

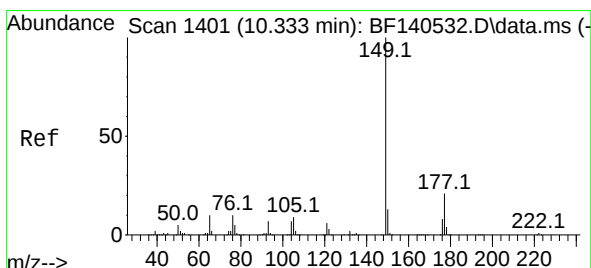
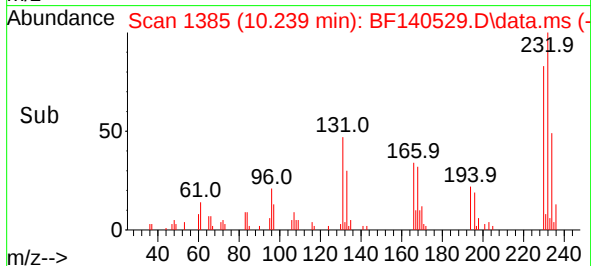
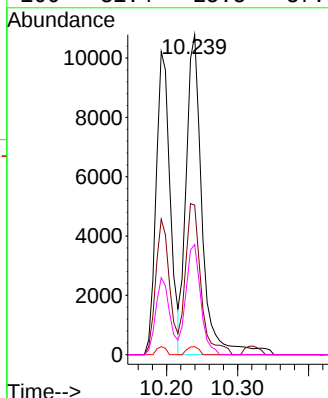
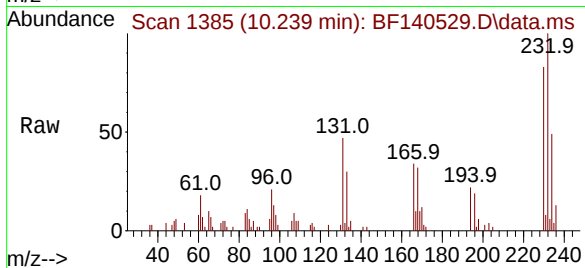
Ion Ratio Lower Upper

232 100

131 45.4 39.6 59.4

130 1.8 1.9 2.9#

166 31.4 25.3 37.9



#60

Diethylphthalate

Concen: 5.587 ng

RT: 10.322 min Scan# 1399

Delta R.T. -0.012 min

Lab File: BF140529.D

Acq: 21 Nov 2024 11:39

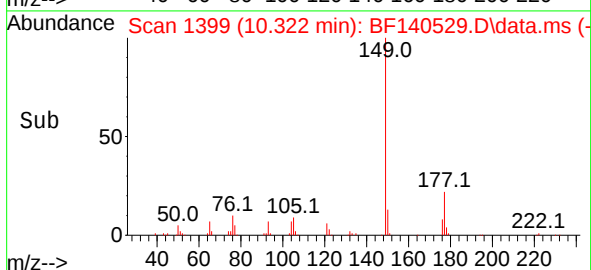
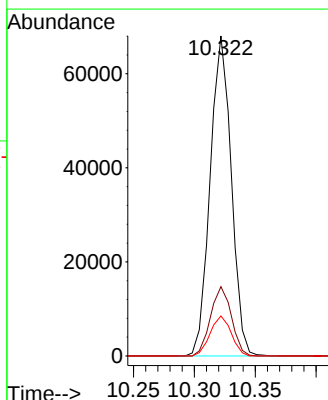
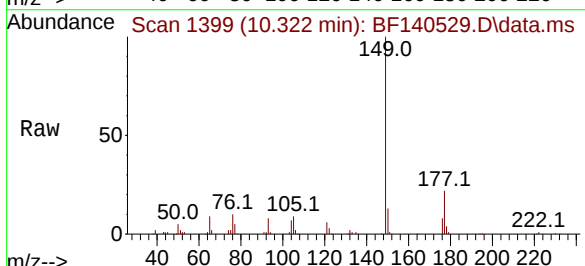
Tgt Ion:149 Resp: 81981

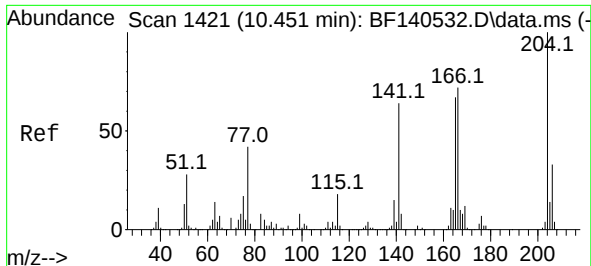
Ion Ratio Lower Upper

149 100

177 21.7 17.1 25.7

150 12.5 10.1 15.1

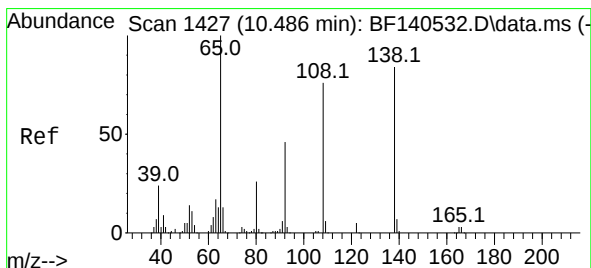
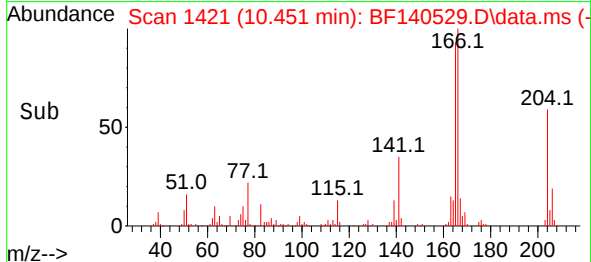
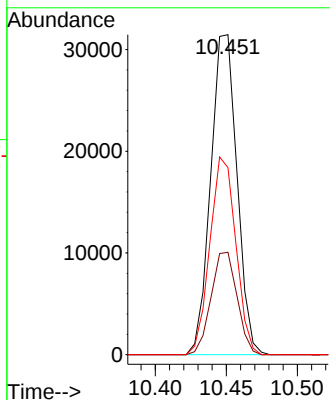
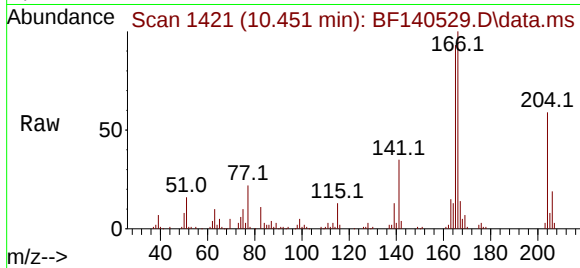




#61  
4-Chlorophenyl-phenylether  
Concen: 5.665 ng  
RT: 10.451 min Scan# 1421  
Delta R.T. 0.000 min  
Lab File: BF140529.D  
Acq: 21 Nov 2024 11:39

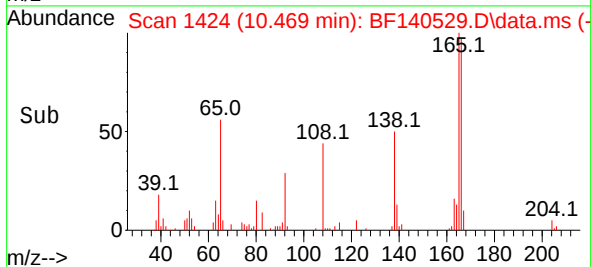
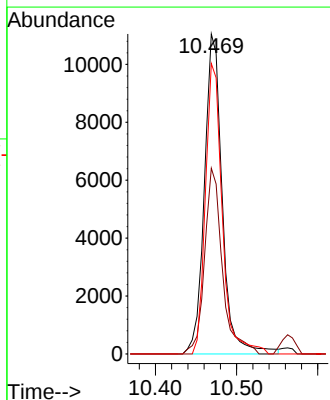
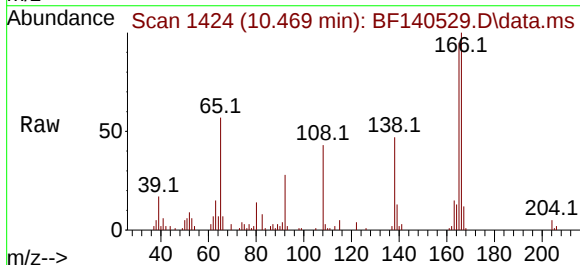
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC005

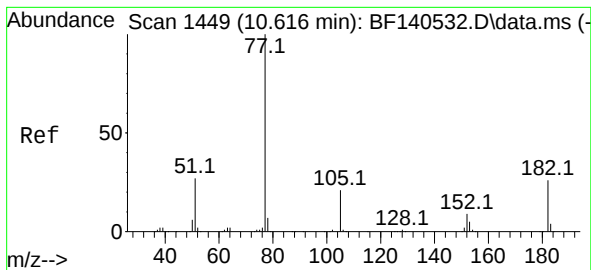
Tgt Ion:204 Resp: 40537  
Ion Ratio Lower Upper  
204 100  
206 32.0 26.6 40.0  
141 58.5 51.1 76.7



#62  
4-Nitroaniline  
Concen: 5.014 ng  
RT: 10.469 min Scan# 1424  
Delta R.T. -0.018 min  
Lab File: BF140529.D  
Acq: 21 Nov 2024 11:39

Tgt Ion:138 Resp: 16848  
Ion Ratio Lower Upper  
138 100  
92 58.1 34.5 74.5  
108 90.7 70.6 110.6

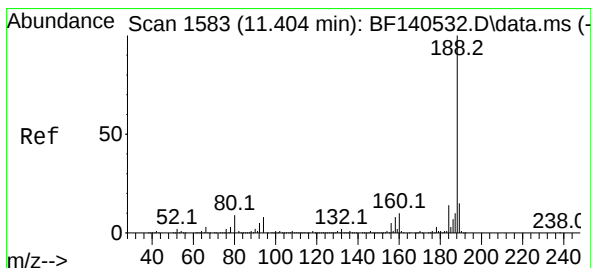
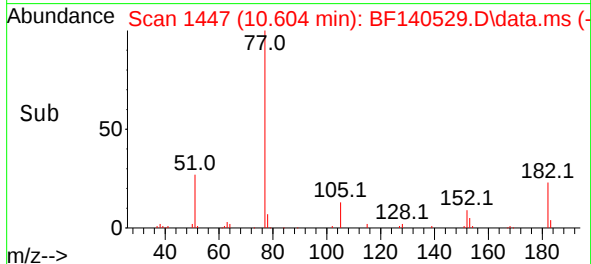
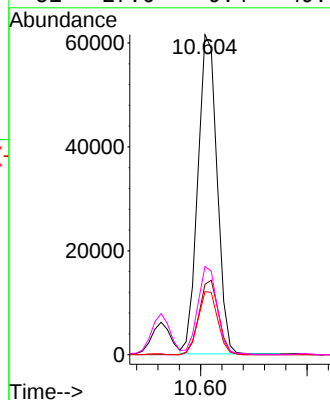
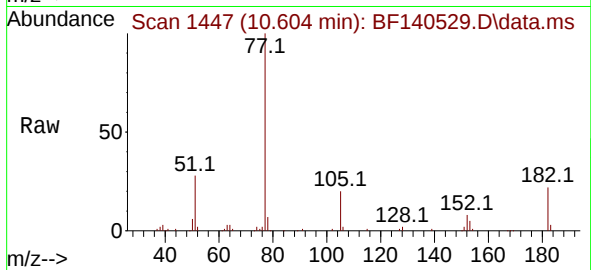




#63  
Azobenzene  
Concen: 5.549 ng  
RT: 10.604 min Scan# 1447  
Delta R.T. -0.012 min  
Lab File: BF140529.D  
Acq: 21 Nov 2024 11:39

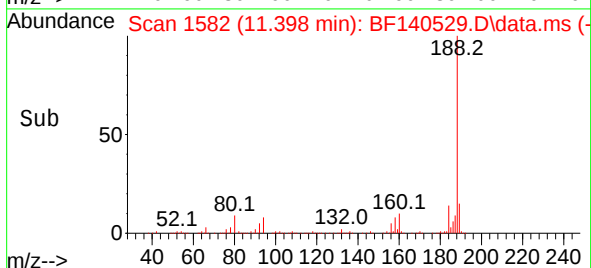
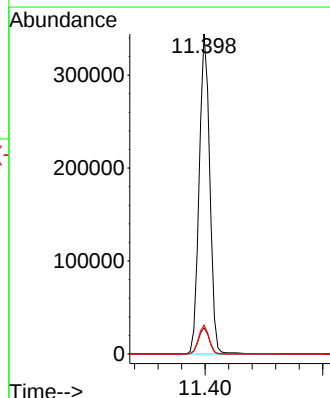
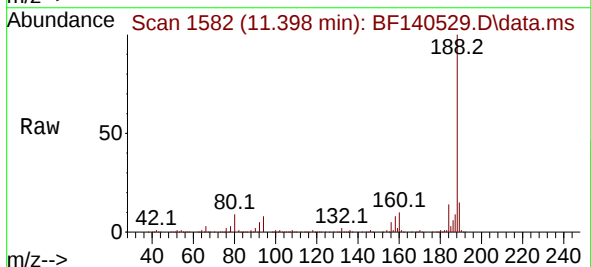
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC005

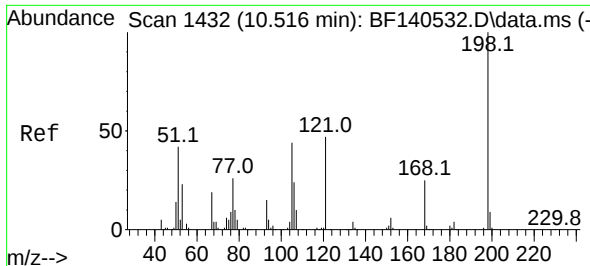
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 77    | Resp: | 77108 |
| Ion      | Ratio | Lower | Upper |
| 77       | 100   |       |       |
| 182      | 22.0  | 5.3   | 45.3  |
| 105      | 19.7  | 0.3   | 40.3  |
| 51       | 27.6  | 9.4   | 49.4  |



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.398 min Scan# 1582  
Delta R.T. -0.006 min  
Lab File: BF140529.D  
Acq: 21 Nov 2024 11:39

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 188   | Resp: | 428851 |
| Ion      | Ratio | Lower | Upper  |
| 188      | 100   |       |        |
| 94       | 8.2   | 6.4   | 9.6    |
| 80       | 9.0   | 6.9   | 10.3   |





#65

4,6-Dinitro-2-methylphenol

Concen: 2.601 ng

RT: 10.510 min Scan# 1432

Delta R.T. -0.006 min

Lab File: BF140529.D

Acq: 21 Nov 2024 11:39

Instrument :

BNA\_F

ClientSampleId :

SSTDICC005

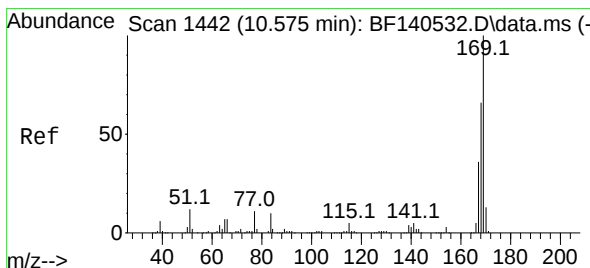
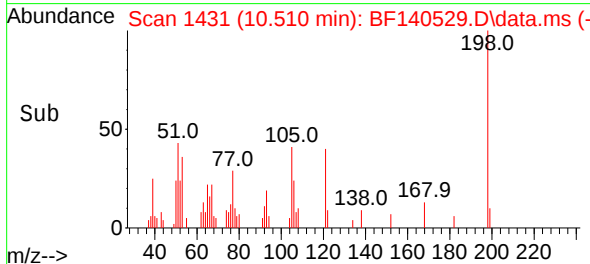
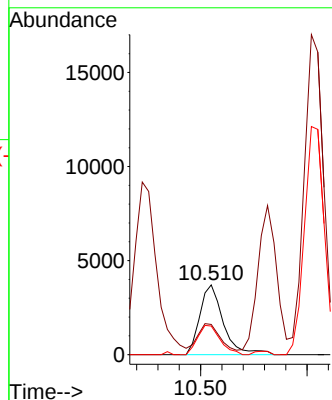
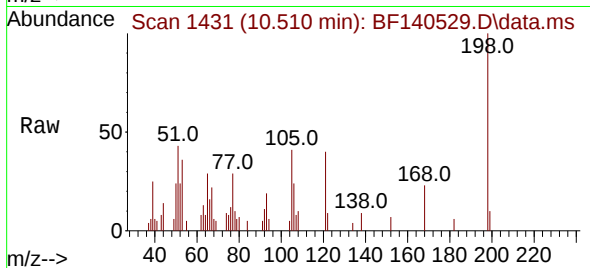
Tgt Ion:198 Resp: 5700

Ion Ratio Lower Upper

198 100

51 43.4 29.4 69.4

105 41.1 25.4 65.4



#66

n-Nitrosodiphenylamine

Concen: 5.346 ng

RT: 10.563 min Scan# 1440

Delta R.T. -0.012 min

Lab File: BF140529.D

Acq: 21 Nov 2024 11:39

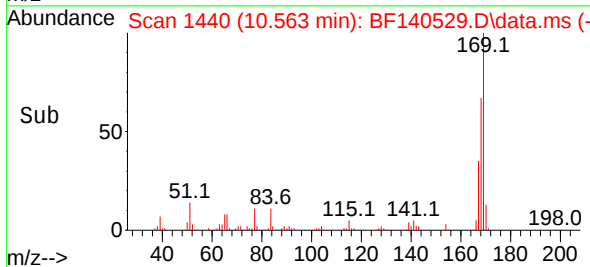
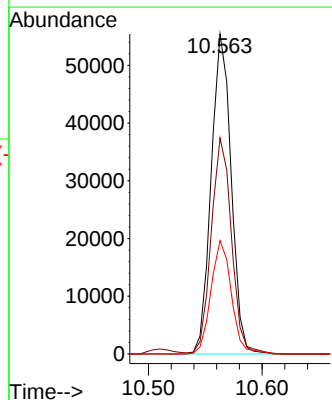
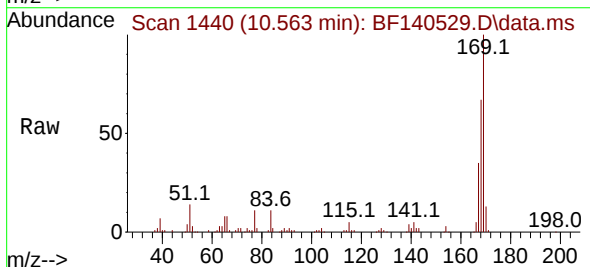
Tgt Ion:169 Resp: 67794

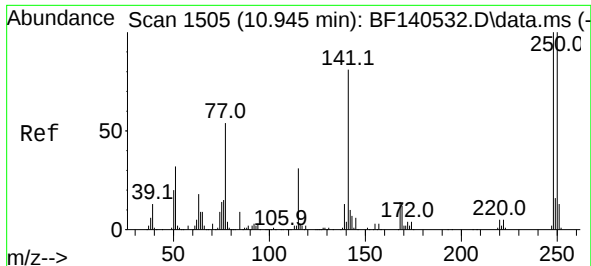
Ion Ratio Lower Upper

169 100

168 67.4 53.2 79.8

167 35.4 29.0 43.6





#67

4-Bromophenyl-phenylether

Concen: 5.288 ng

RT: 10.939 min Scan# 1504

Delta R.T. -0.006 min

Lab File: BF140529.D

Acq: 21 Nov 2024 11:39

Instrument :

BNA\_F

ClientSampleId :

SSTDIC005

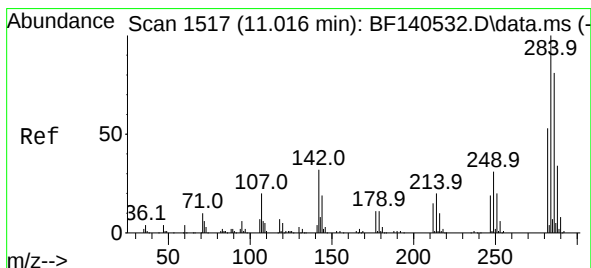
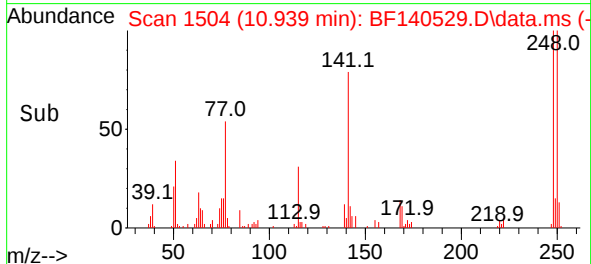
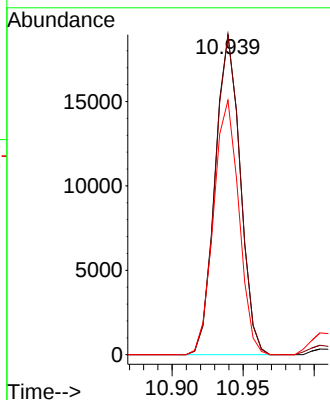
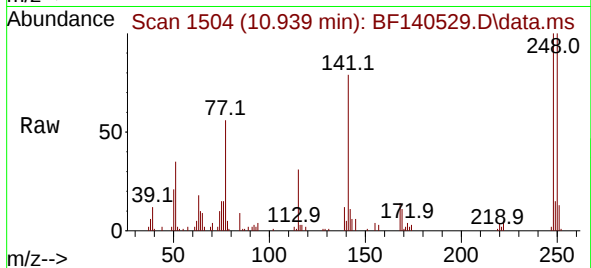
Tgt Ion:248 Resp: 23355

Ion Ratio Lower Upper

248 100

250 99.9 79.8 119.8

141 79.5 64.7 97.1



#68

Hexachlorobenzene

Concen: 5.384 ng

RT: 11.010 min Scan# 1516

Delta R.T. -0.006 min

Lab File: BF140529.D

Acq: 21 Nov 2024 11:39

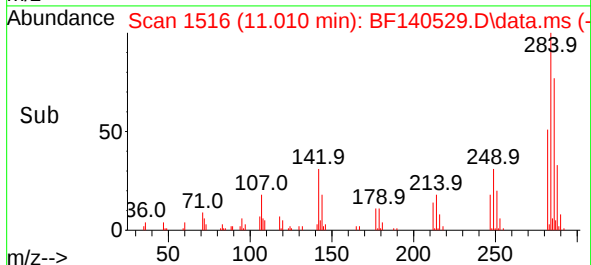
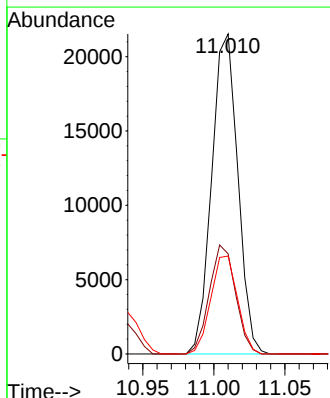
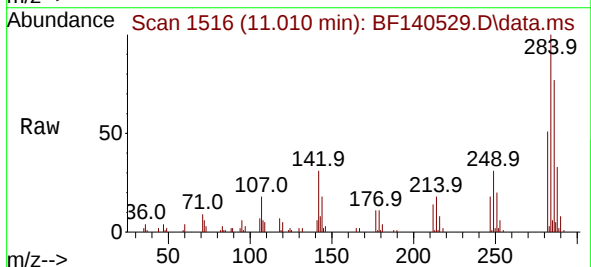
Tgt Ion:284 Resp: 27532

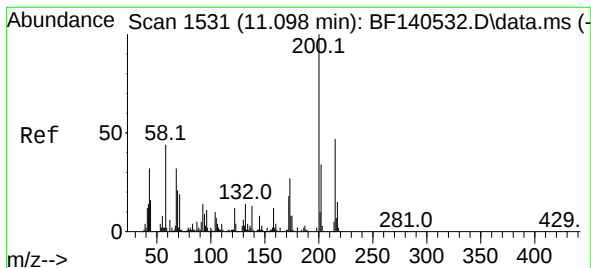
Ion Ratio Lower Upper

284 100

142 31.3 25.3 37.9

249 30.6 24.8 37.2





#69

Atrazine

Concen: 5.452 ng

RT: 11.086 min Scan# 1529

Delta R.T. -0.012 min

Lab File: BF140529.D

Acq: 21 Nov 2024 11:39

Instrument :

BNA\_F

ClientSampleId :

SSTDICC005

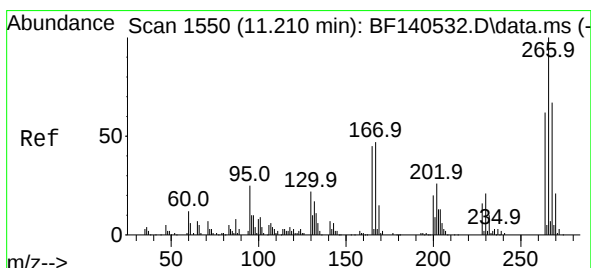
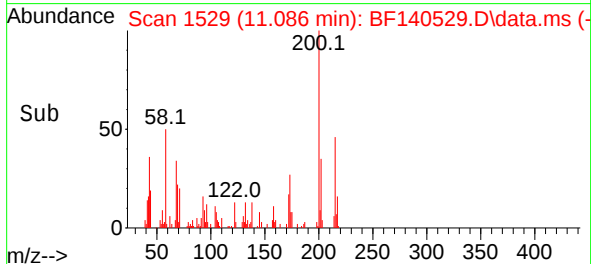
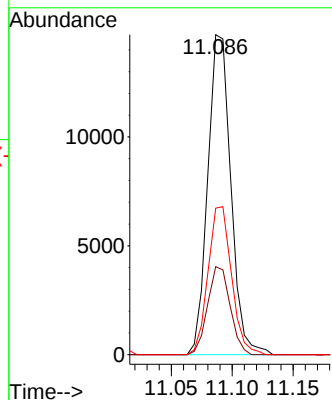
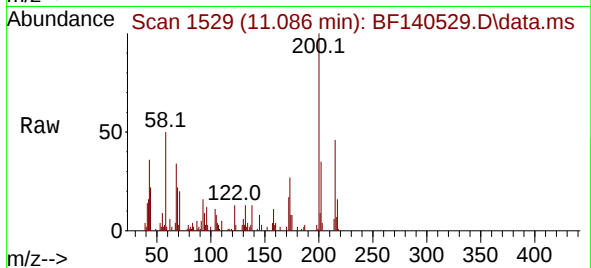
Tgt Ion:200 Resp: 19452

Ion Ratio Lower Upper

200 100

173 27.5 7.0 47.0

215 45.8 26.7 66.7



#70

Pentachlorophenol

Concen: 2.155 ng

RT: 11.210 min Scan# 1550

Delta R.T. -0.000 min

Lab File: BF140529.D

Acq: 21 Nov 2024 11:39

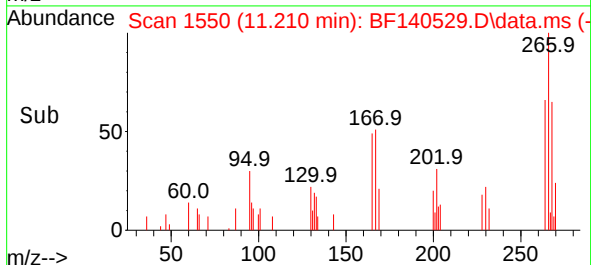
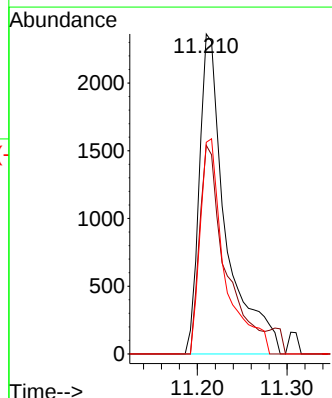
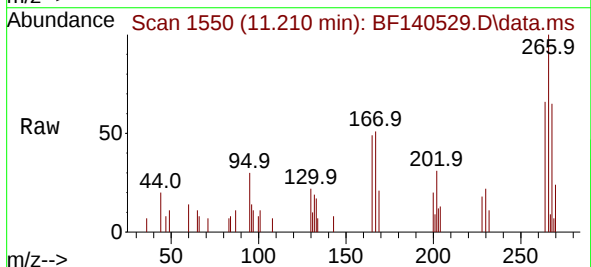
Tgt Ion:266 Resp: 4850

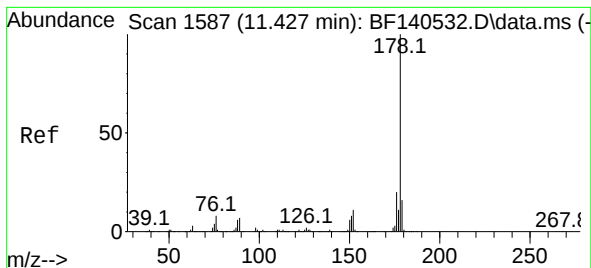
Ion Ratio Lower Upper

266 100

268 65.2 53.7 80.5

264 66.2 49.8 74.8





#71

Phenanthrene

Concen: 5.584 ng

RT: 11.422 min Scan# 1586

Delta R.T. -0.006 min

Lab File: BF140529.D

Acq: 21 Nov 2024 11:39

Instrument :

BNA\_F

ClientSampleId :

SSTDICC005

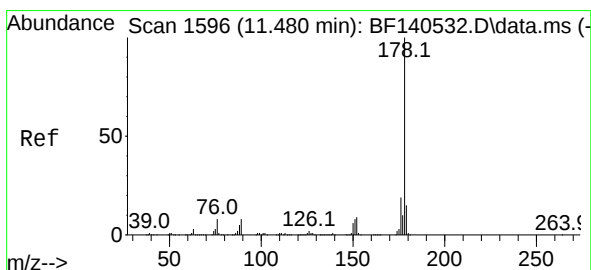
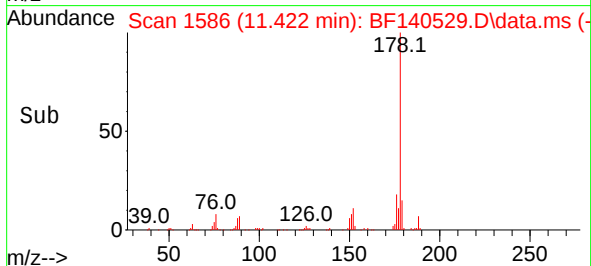
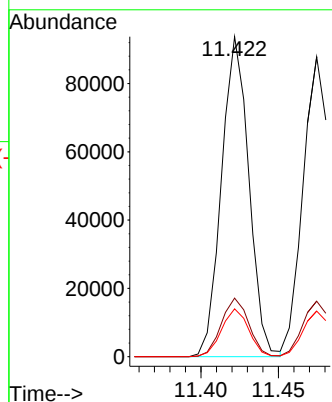
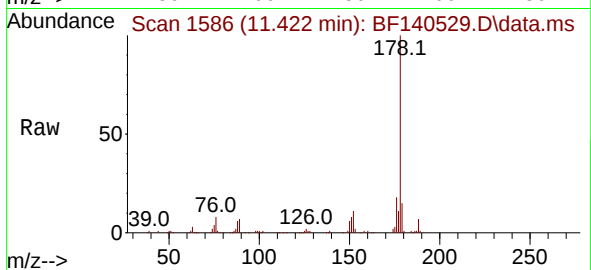
Tgt Ion:178 Resp: 115121

Ion Ratio Lower Upper

178 100

176 18.3 15.8 23.6

179 14.9 12.4 18.6



#72

Anthracene

Concen: 5.520 ng

RT: 11.475 min Scan# 1595

Delta R.T. -0.006 min

Lab File: BF140529.D

Acq: 21 Nov 2024 11:39

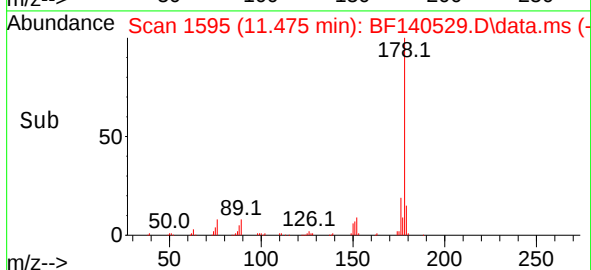
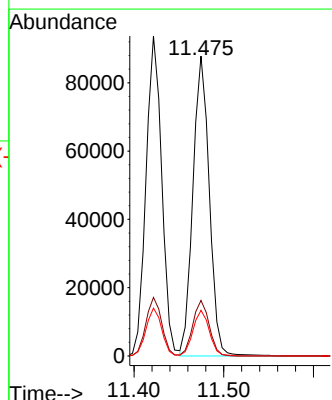
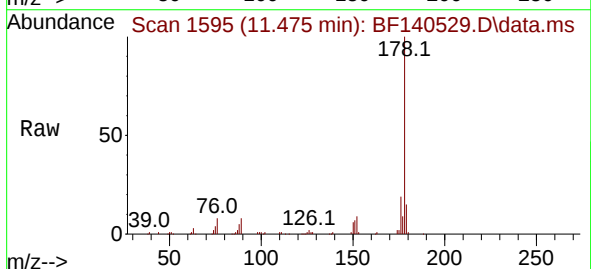
Tgt Ion:178 Resp: 111316

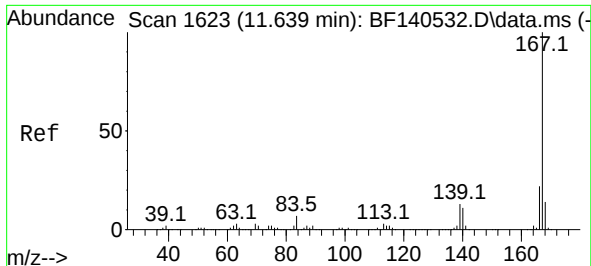
Ion Ratio Lower Upper

178 100

176 18.5 15.0 22.4

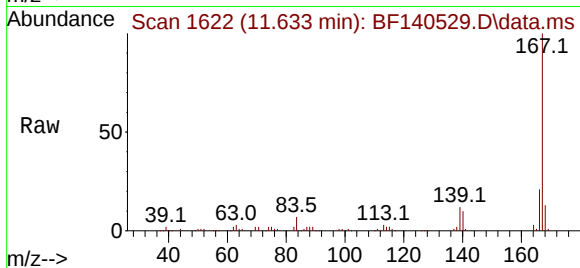
179 15.2 12.2 18.4



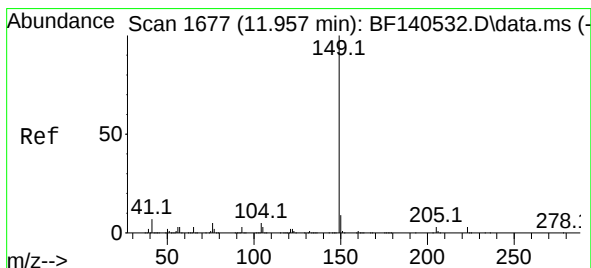
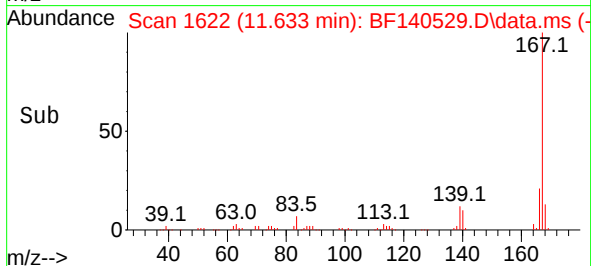
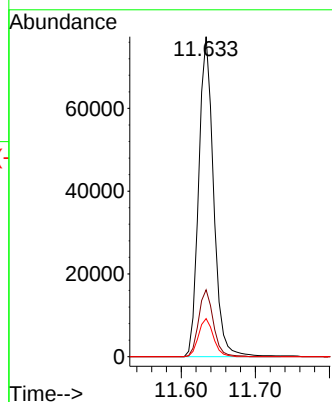


#73  
Carbazole  
Concen: 5.549 ng  
RT: 11.633 min Scan# 1622  
Delta R.T. -0.006 min  
Lab File: BF140529.D  
Acq: 21 Nov 2024 11:39

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC005

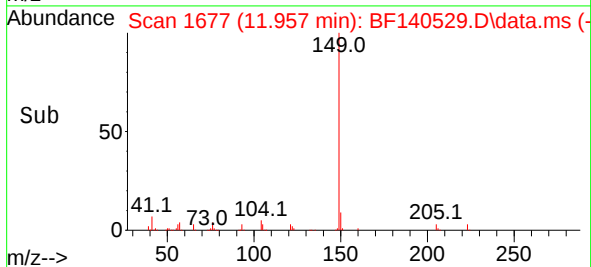
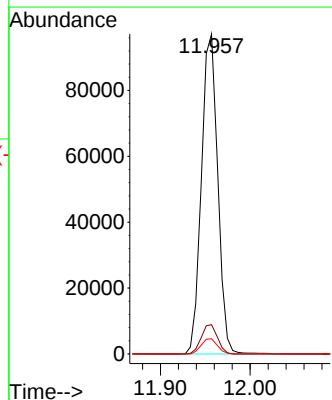
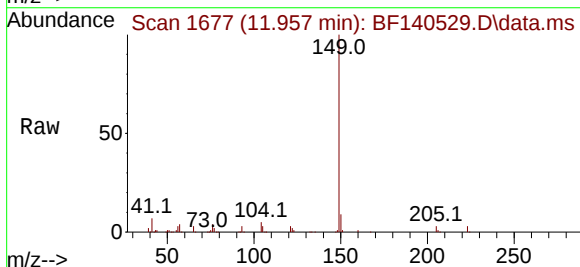


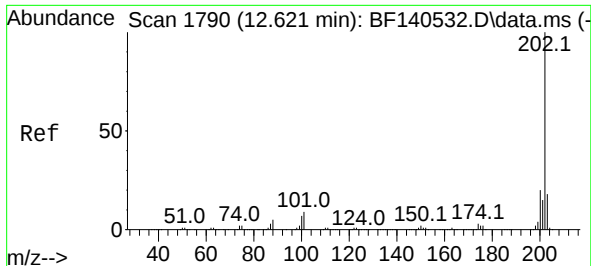
Tgt Ion:167 Resp: 107643  
Ion Ratio Lower Upper  
167 100  
166 20.9 17.2 25.8  
139 11.9 10.6 15.8



#74  
Di-n-butylphthalate  
Concen: 5.478 ng  
RT: 11.957 min Scan# 1677  
Delta R.T. 0.000 min  
Lab File: BF140529.D  
Acq: 21 Nov 2024 11:39

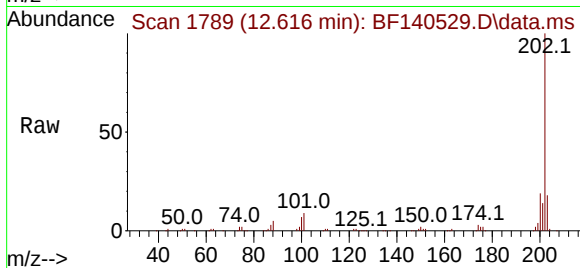
Tgt Ion:149 Resp: 122687  
Ion Ratio Lower Upper  
149 100  
150 9.2 7.5 11.3  
104 4.7 4.1 6.1



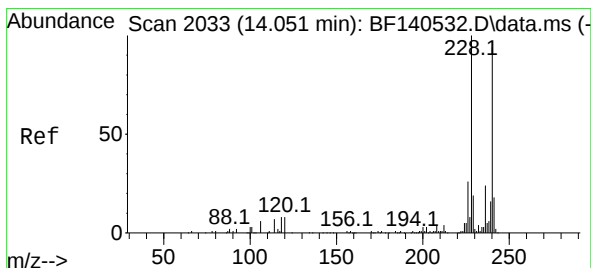
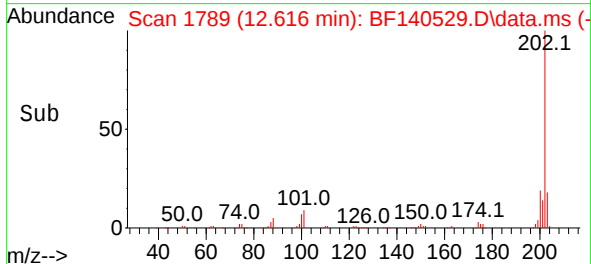
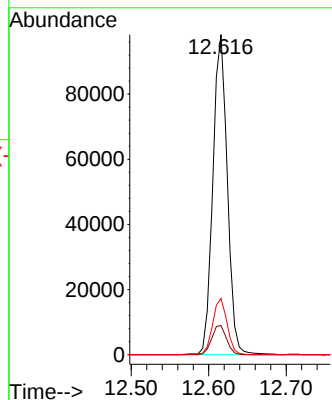


#75  
Fluoranthene  
Concen: 5.683 ng  
RT: 12.616 min Scan# 1  
Delta R.T. -0.006 min  
Lab File: BF140529.D  
Acq: 21 Nov 2024 11:39

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC005

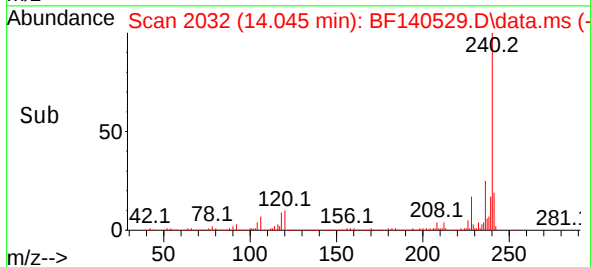
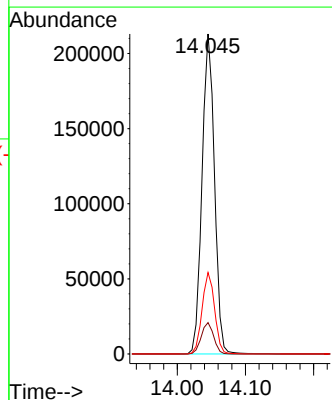
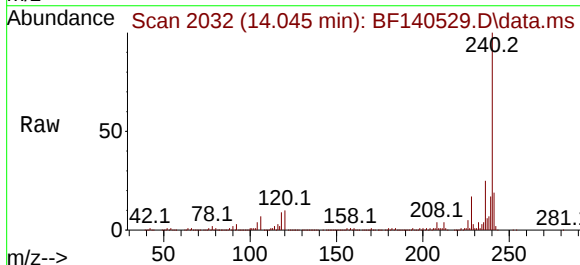


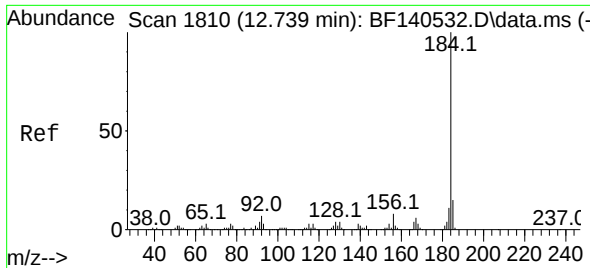
Tgt Ion:202 Resp: 127194  
Ion Ratio Lower Upper  
202 100  
101 9.1 0.0 28.9  
203 17.5 0.0 37.6



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.045 min Scan# 2032  
Delta R.T. -0.006 min  
Lab File: BF140529.D  
Acq: 21 Nov 2024 11:39

Tgt Ion:240 Resp: 270381  
Ion Ratio Lower Upper  
240 100  
120 9.8 7.3 10.9  
236 25.5 20.6 31.0

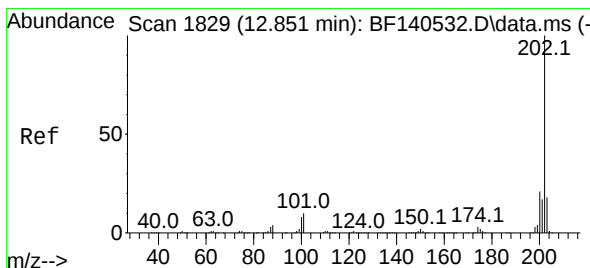
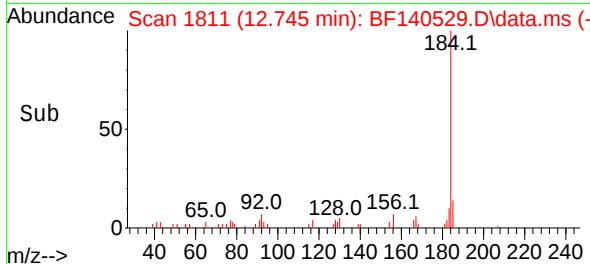
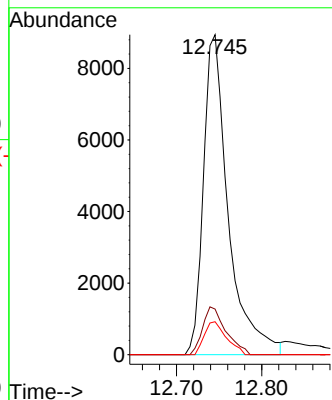
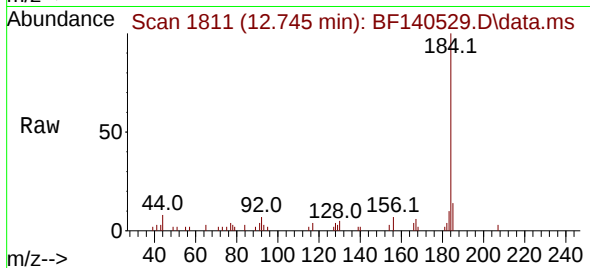




#77  
Benzidine  
Concen: 2.303 ng  
RT: 12.745 min Scan# 1811  
Delta R.T. 0.006 min  
Lab File: BF140529.D  
Acq: 21 Nov 2024 11:39

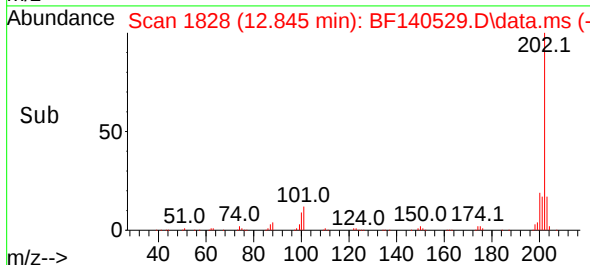
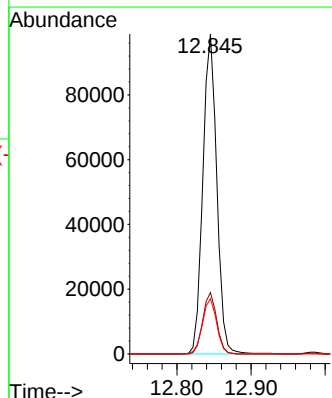
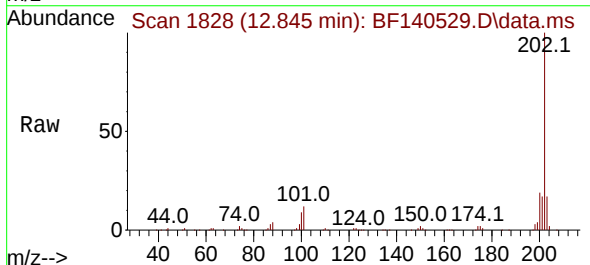
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC005

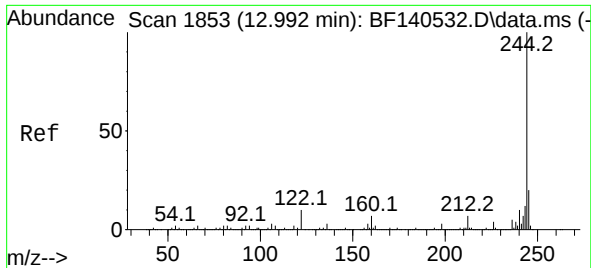
Tgt Ion:184 Resp: 18105  
Ion Ratio Lower Upper  
184 100  
185 14.2 11.7 17.5  
183 10.3 8.8 13.2



#78  
Pyrene  
Concen: 5.150 ng  
RT: 12.845 min Scan# 1828  
Delta R.T. -0.006 min  
Lab File: BF140529.D  
Acq: 21 Nov 2024 11:39

Tgt Ion:202 Resp: 128760  
Ion Ratio Lower Upper  
202 100  
200 19.2 16.5 24.7  
203 17.3 14.2 21.4

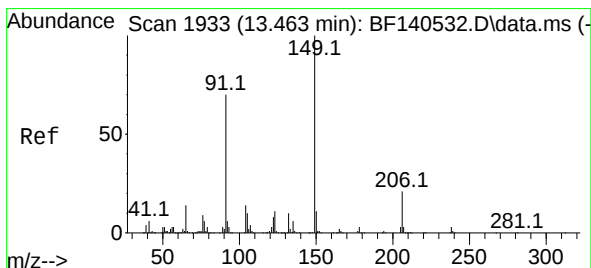
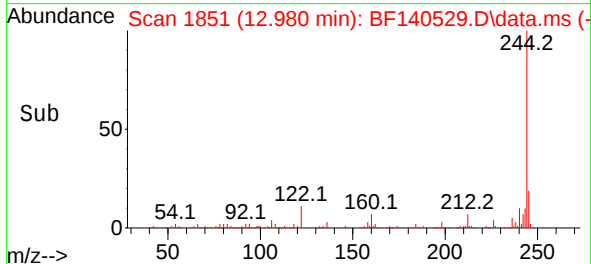
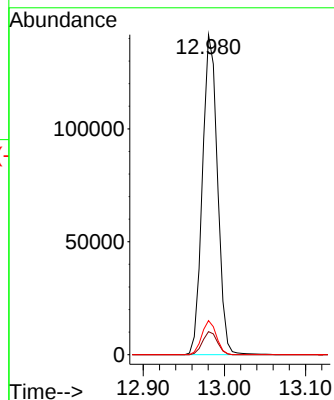
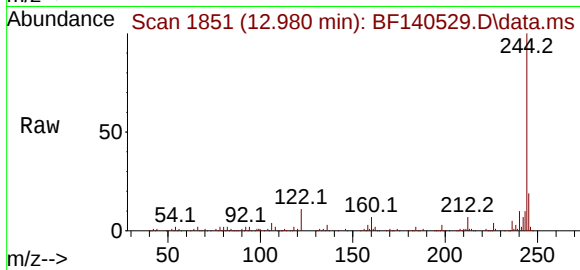




#79  
 Terphenyl-d14  
 Concen: 10.522 ng  
 RT: 12.980 min Scan# 1851  
 Delta R.T. -0.012 min  
 Lab File: BF140529.D  
 Acq: 21 Nov 2024 11:39

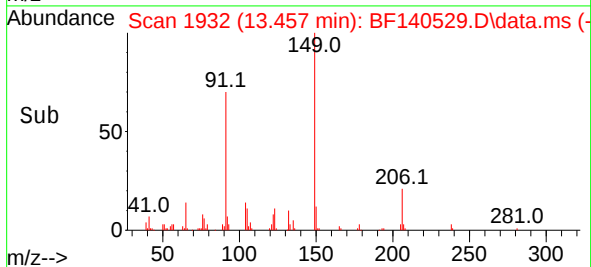
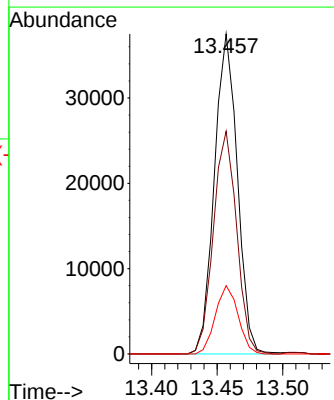
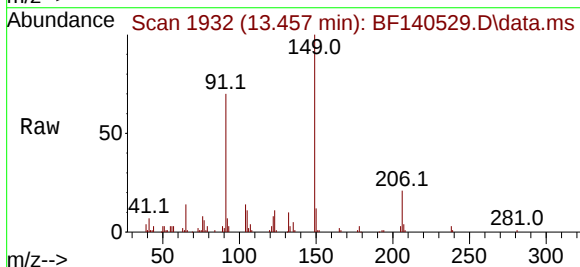
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC005

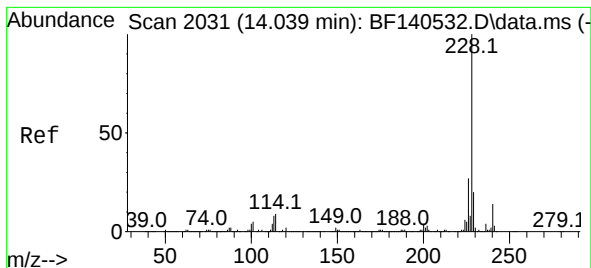
Tgt Ion:244 Resp: 182707  
 Ion Ratio Lower Upper  
 244 100  
 212 7.2 5.8 8.8  
 122 10.7 8.0 12.0



#80  
 Butylbenzylphthalate  
 Concen: 5.073 ng  
 RT: 13.457 min Scan# 1932  
 Delta R.T. -0.006 min  
 Lab File: BF140529.D  
 Acq: 21 Nov 2024 11:39

Tgt Ion:149 Resp: 45690  
 Ion Ratio Lower Upper  
 149 100  
 91 69.6 56.2 84.2  
 206 21.4 16.4 24.6





#81

Benzo(a)anthracene

Concen: 5.321 ng

RT: 14.033 min Scan# 2031

Delta R.T. -0.006 min

Lab File: BF140529.D

Acq: 21 Nov 2024 11:39

Instrument :

BNA\_F

ClientSampleId :

SSTDICC005

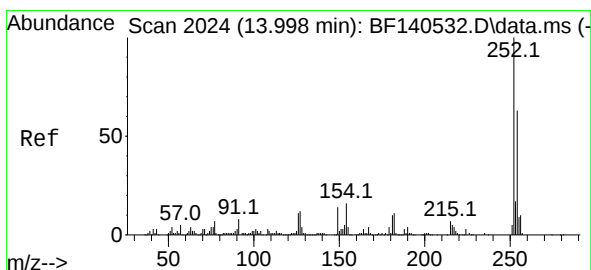
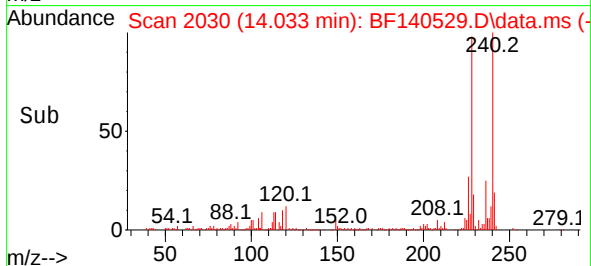
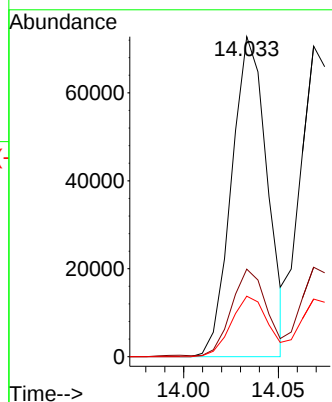
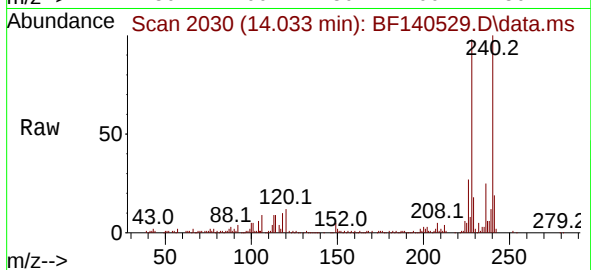
Tgt Ion:228 Resp: 95229

Ion Ratio Lower Upper

228 100

226 27.3 21.8 32.8

229 18.9 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 4.712 ng

RT: 13.998 min Scan# 2024

Delta R.T. 0.000 min

Lab File: BF140529.D

Acq: 21 Nov 2024 11:39

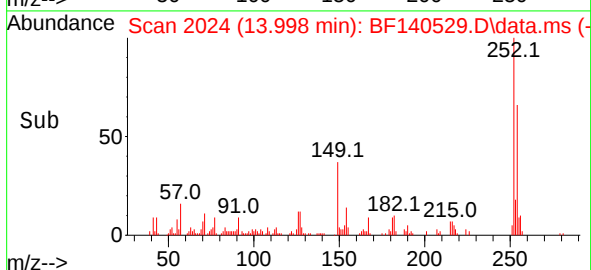
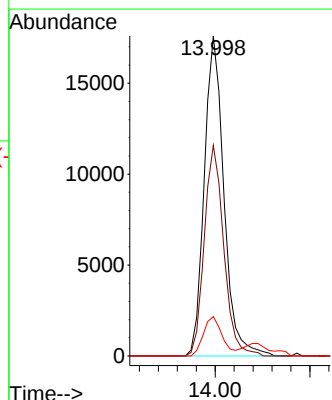
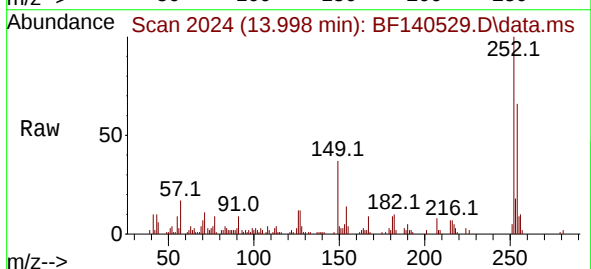
Tgt Ion:252 Resp: 25321

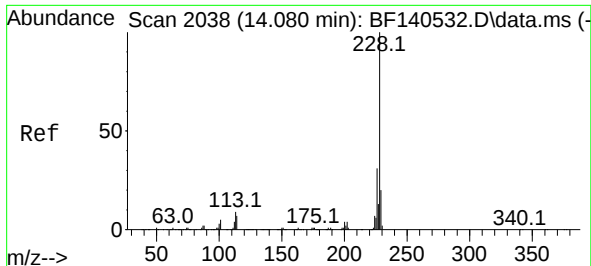
Ion Ratio Lower Upper

252 100

254 65.8 50.8 76.2

126 12.3 8.6 13.0





#83

Chrysene

Concen: 5.593 ng

RT: 14.069 min Scan# 2038

Delta R.T. -0.012 min

Lab File: BF140529.D

Acq: 21 Nov 2024 11:39

Instrument :

BNA\_F

ClientSampleId :

SSTDICC005

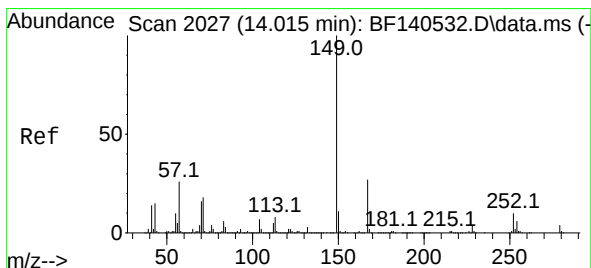
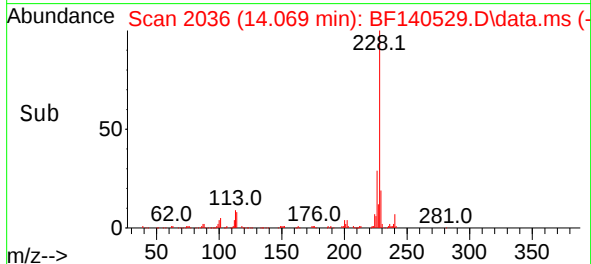
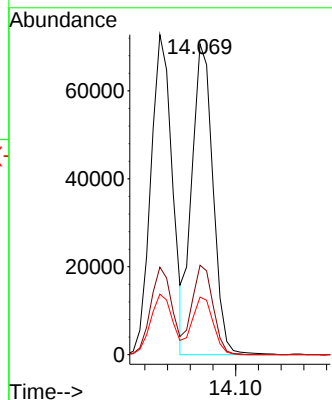
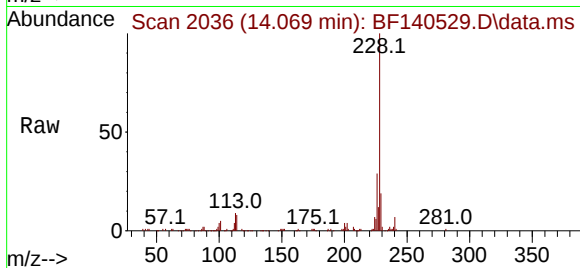
Tgt Ion:228 Resp: 91528

Ion Ratio Lower Upper

228 100

226 28.8 24.4 36.6

229 18.5 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 5.371 ng

RT: 14.016 min Scan# 2027

Delta R.T. 0.000 min

Lab File: BF140529.D

Acq: 21 Nov 2024 11:39

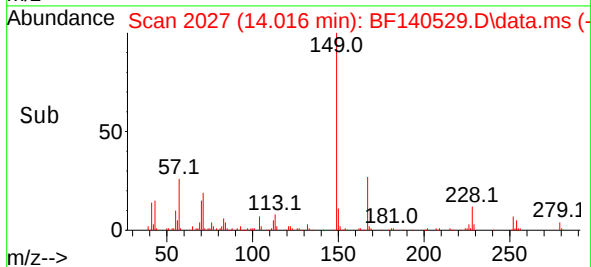
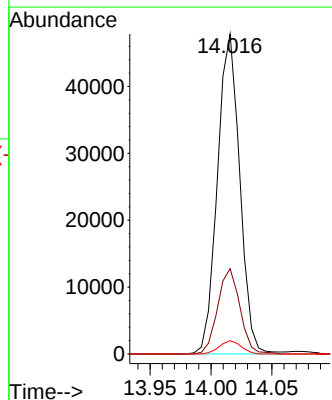
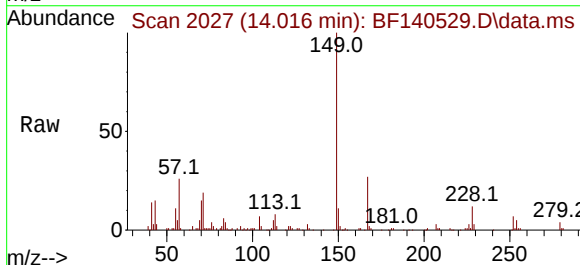
Tgt Ion:149 Resp: 61082

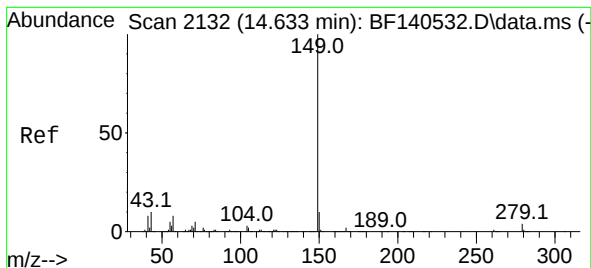
Ion Ratio Lower Upper

149 100

167 26.7 21.2 31.8

279 4.1 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 5.211 ng

RT: 14.633 min Scan# 2132

Delta R.T. 0.000 min

Lab File: BF140529.D

Acq: 21 Nov 2024 11:39

Instrument :

BNA\_F

ClientSampleId :

SSTDICC005

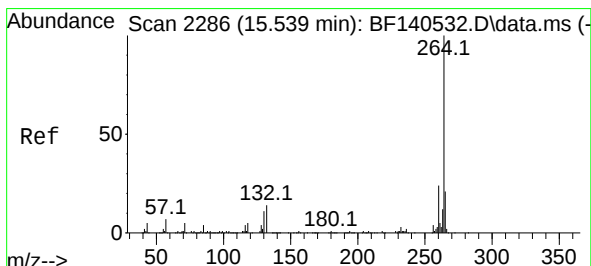
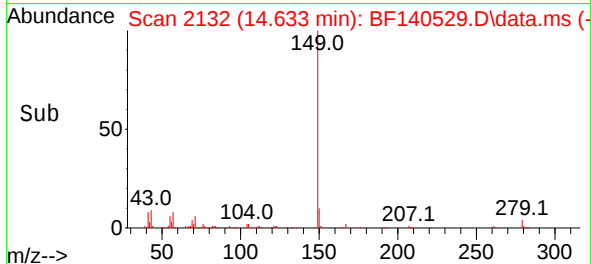
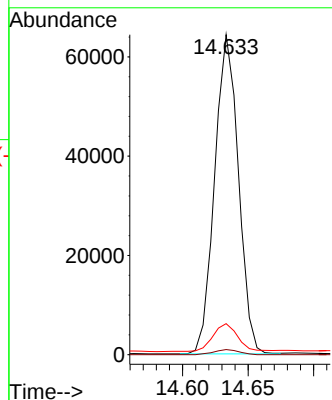
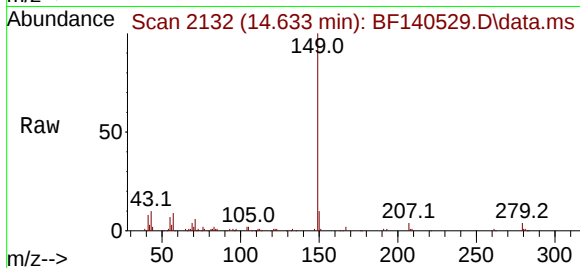
Tgt Ion:149 Resp: 80990

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 9.3 7.7 11.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.533 min Scan# 2285

Delta R.T. -0.006 min

Lab File: BF140529.D

Acq: 21 Nov 2024 11:39

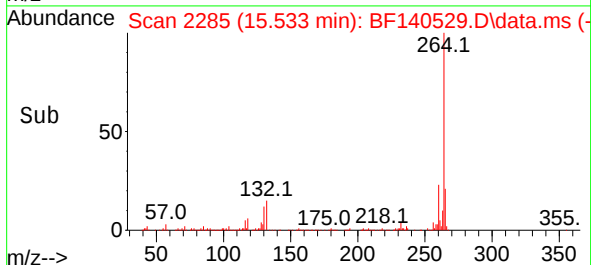
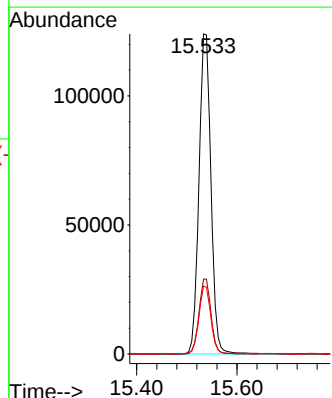
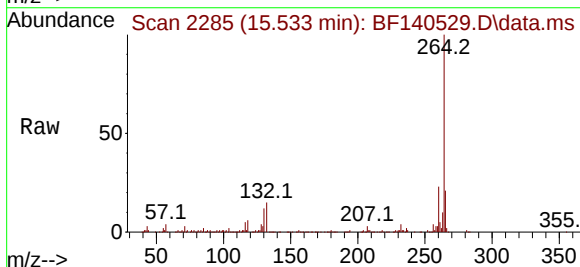
Tgt Ion:264 Resp: 205006

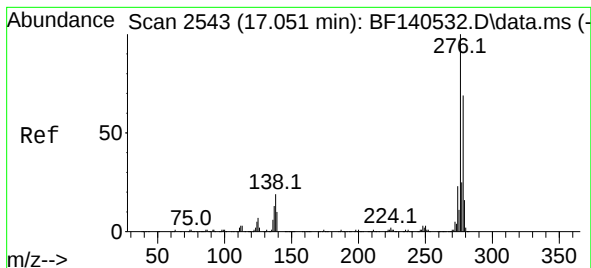
Ion Ratio Lower Upper

264 100

260 23.4 19.0 28.6

265 21.2 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 4.637 ng

RT: 17.033 min Scan# 21

Delta R.T. -0.017 min

Lab File: BF140529.D

Acq: 21 Nov 2024 11:39

Instrument :

BNA\_F

ClientSampleId :

SSTDICC005

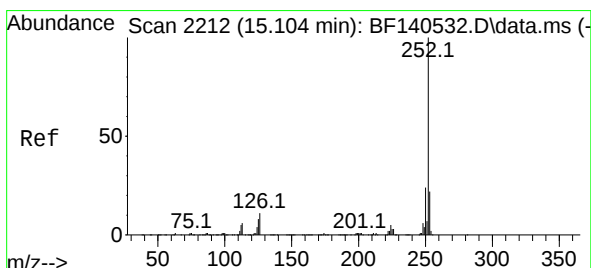
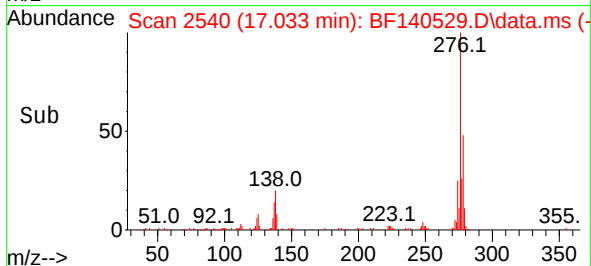
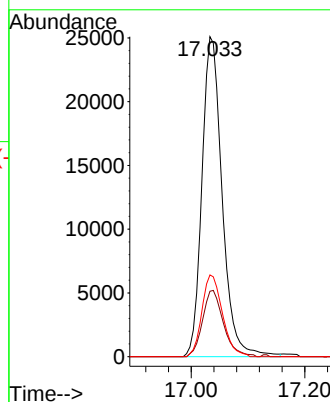
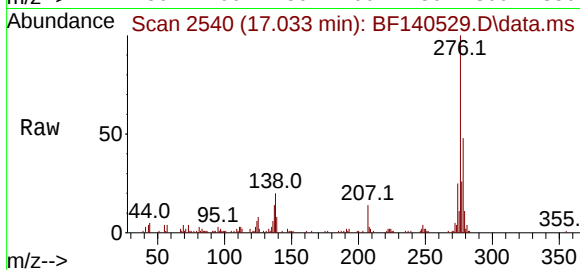
Tgt Ion:276 Resp: 61952

Ion Ratio Lower Upper

276 100

138 21.5 15.5 23.3

277 25.8 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 5.362 ng

RT: 15.098 min Scan# 2211

Delta R.T. -0.006 min

Lab File: BF140529.D

Acq: 21 Nov 2024 11:39

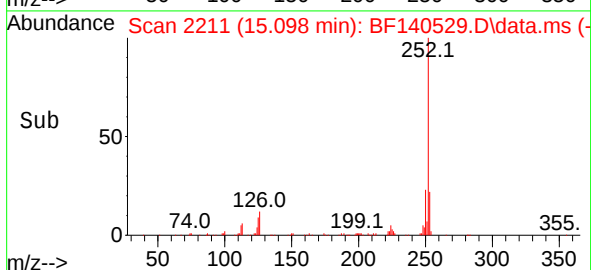
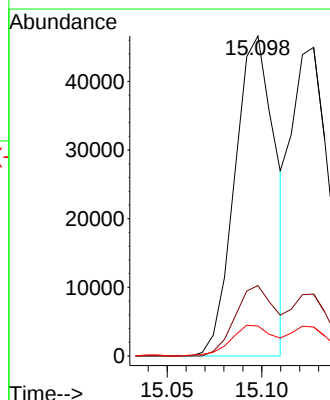
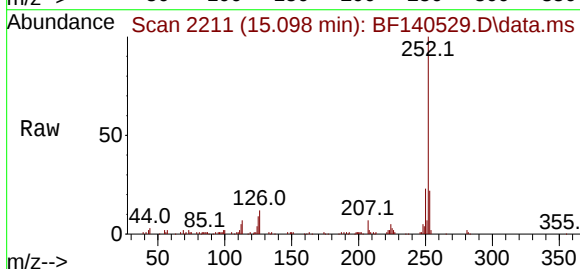
Tgt Ion:252 Resp: 69048

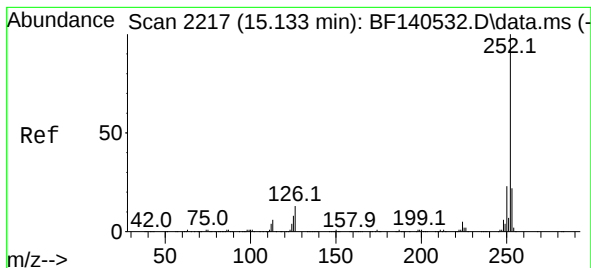
Ion Ratio Lower Upper

252 100

253 22.0 17.2 25.8

125 9.4 6.7 10.1





#89

Benzo(k)fluoranthene

Concen: 5.655 ng

RT: 15.127 min Scan# 2216

Delta R.T. -0.006 min

Lab File: BF140529.D

Acq: 21 Nov 2024 11:39

Instrument :

BNA\_F

ClientSampleId :

SSTDICC005

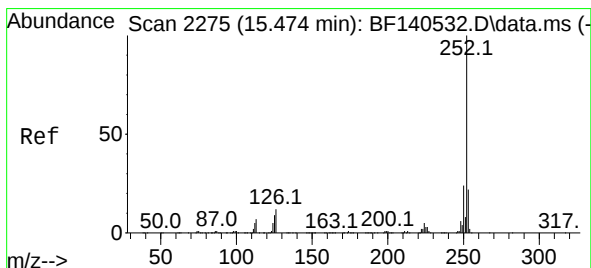
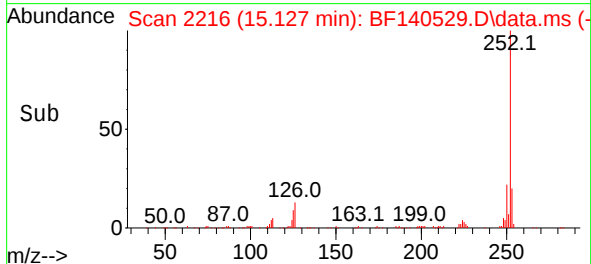
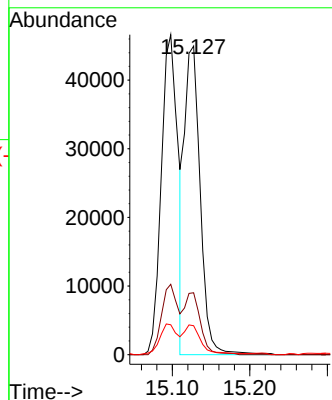
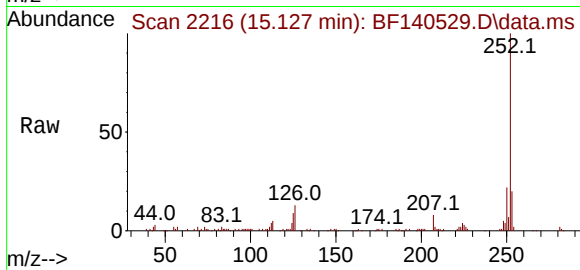
Tgt Ion:252 Resp: 63717

Ion Ratio Lower Upper

252 100

253 20.1 17.5 26.3

125 9.4 6.5 9.7



#90

Benzo(a)pyrene

Concen: 5.198 ng

RT: 15.469 min Scan# 2274

Delta R.T. -0.006 min

Lab File: BF140529.D

Acq: 21 Nov 2024 11:39

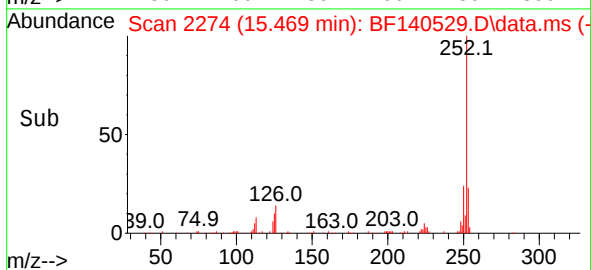
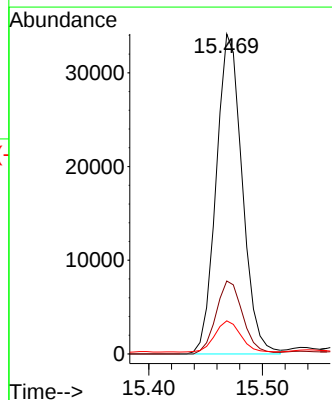
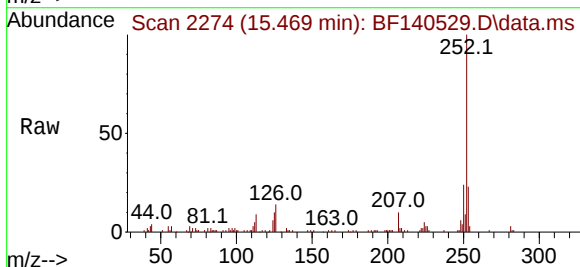
Tgt Ion:252 Resp: 54423

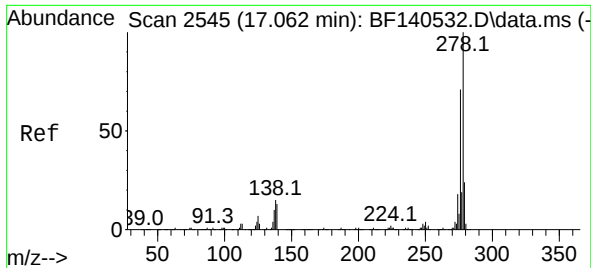
Ion Ratio Lower Upper

252 100

253 22.8 17.3 25.9

125 10.4 7.0 10.6

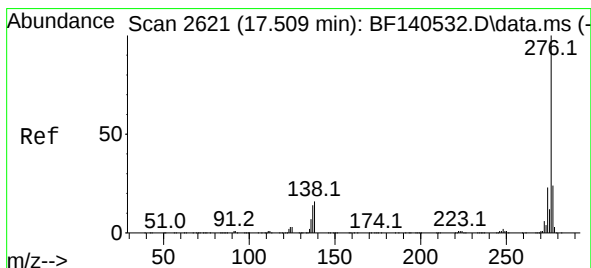
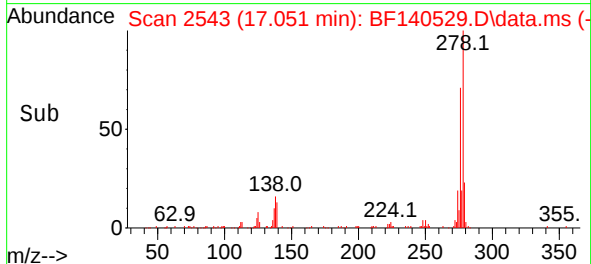
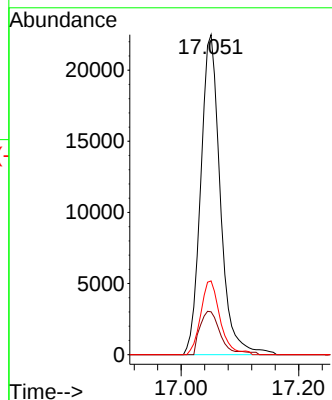
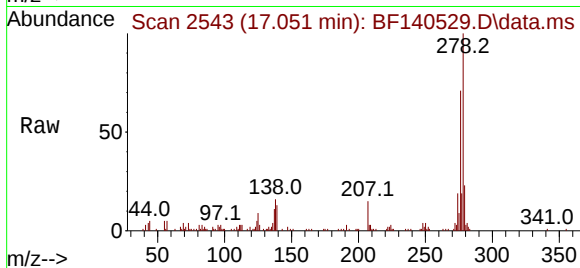




#91  
Dibenzo(a,h)anthracene  
Concen: 4.755 ng  
RT: 17.051 min Scan# 2543  
Delta R.T. -0.012 min  
Lab File: BF140529.D  
Acq: 21 Nov 2024 11:39

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC005

Tgt Ion:278 Resp: 52029  
Ion Ratio Lower Upper  
278 100  
139 13.4 10.2 15.4  
279 23.0 18.9 28.3



#92  
Benzo(g,h,i)perylene  
Concen: 4.740 ng  
RT: 17.492 min Scan# 2618  
Delta R.T. -0.018 min  
Lab File: BF140529.D  
Acq: 21 Nov 2024 11:39

Tgt Ion:276 Resp: 52919  
Ion Ratio Lower Upper  
276 100  
277 24.9 18.9 28.3  
138 18.4 13.2 19.8

