

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF101124\  
 Data File : BF139775.D  
 Acq On : 11 Oct 2024 15:18  
 Operator : RC/JU  
 Sample : P4364-06  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-02-4.5-5.0

Quant Time: Oct 11 15:39:21 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100124.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Oct 02 04:58:47 2024  
 Response via : Initial Calibration

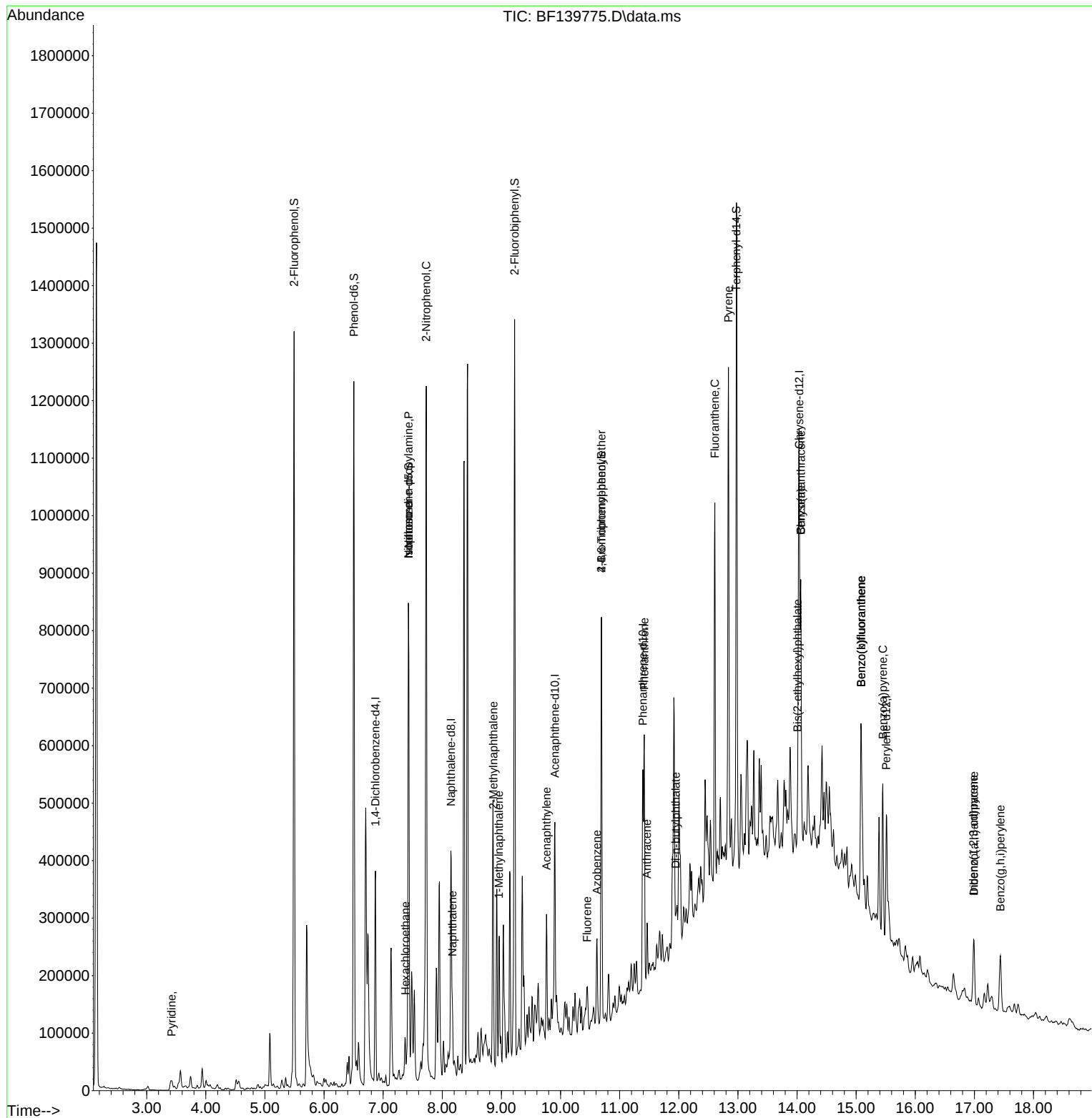
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.869  | 152  | 73983    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.145  | 136  | 230755   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.904  | 164  | 110936   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.392 | 188  | 199923   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 14.039 | 240  | 169429   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 15.510 | 264  | 118453   | 20.000  | ng    | 0.00     |
|                               |        |      |          |         |       |          |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.493  | 112  | 455267   | 106.658 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.504  | 99   | 545898   | 95.101  | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.428  | 82   | 339461   | 74.482  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.692 | 330  | 105833   | 98.826  | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.222  | 172  | 501747   | 69.434  | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.975 | 244  | 563121   | 54.535  | ng    | 0.00     |
|                               |        |      |          |         |       |          |
| Target Compounds              |        |      |          |         |       | Qvalue   |
| 3) Pyridine                   | 3.422  | 79   | 14570    | 3.246   | ng    | # 23     |
| 18) Hexachloroethane          | 7.375  | 117  | 16370    | 8.423   | ng    | # 4      |
| 19) n-Nitroso-di-n-propyla... | 7.428  | 70   | 47695    | 12.924  | ng    | # 76     |
| 25) Isophorone                | 7.428  | 82   | 336980   | 41.629  | ng    | # 67     |
| 26) 2-Nitrophenol             | 7.728  | 139  | 4207     | 2.074   | ng    | # 1      |
| 31) Naphthalene               | 8.169  | 128  | 59132    | 5.012   | ng    | # 93     |
| 37) 2-Methylnaphthalene       | 8.863  | 142  | 26028    | 3.387   | ng    | 97       |
| 38) 1-Methylnaphthalene       | 8.957  | 142  | 19495    | 2.596   | ng    | 98       |
| 49) Acenaphthylene            | 9.763  | 152  | 124101   | 13.193  | ng    | 99       |
| 58) Fluorene                  | 10.451 | 166  | 23663    | 3.286   | ng    | # 87     |
| 63) Azobenzene                | 10.616 | 77   | 34242    | 4.539   | ng    | # 1      |
| 67) 4-Bromophenyl-phenylether | 10.692 | 248  | 7422     | 3.621   | ng    | # 1      |
| 71) Phenanthrene              | 11.416 | 178  | 230038   | 24.403  | ng    | 99       |
| 72) Anthracene                | 11.463 | 178  | 65749    | 7.050   | ng    | 98       |
| 74) Di-n-butylphthalate       | 11.951 | 149  | 23878    | 2.192   | ng    | # 80     |
| 75) Fluoranthene              | 12.610 | 202  | 359482   | 34.886  | ng    | 100      |
| 78) Pyrene                    | 12.839 | 202  | 497517   | 32.832  | ng    | 99       |
| 81) Benzo(a)anthracene        | 14.063 | 228  | 236184   | 21.203  | ng    | 92       |
| 83) Chrysene                  | 14.063 | 228  | 236184   | 23.191  | ng    | 95       |
| 84) Bis(2-ethylhexyl)phtha... | 14.010 | 149  | 17396    | 2.570   | ng    | # 90     |
| 87) Indeno(1,2,3-cd)pyrene    | 16.986 | 276  | 78957    | 11.325  | ng    | 97       |
| 88) Benzo(b)fluoranthene      | 15.086 | 252  | 257629   | 33.638  | ng    | # 96     |
| 89) Benzo(k)fluoranthene      | 15.086 | 252  | 257629   | 39.654  | ng    | # 96     |
| 90) Benzo(a)pyrene            | 15.451 | 252  | 143681   | 23.792  | ng    | 97       |
| 91) Dibenzo(a,h)anthracene    | 16.992 | 278  | 24171    | 4.180   | ng    | # 88     |
| 92) Benzo(g,h,i)perylene      | 17.439 | 276  | 85782    | 14.792  | ng    | 99       |
| -----                         |        |      |          |         |       |          |

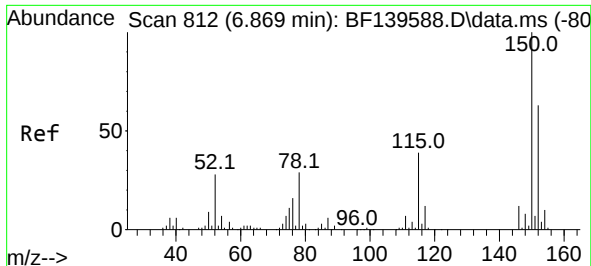
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF101124\  
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Sample : P4364-06  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Oct 02 04:58:47 2024  
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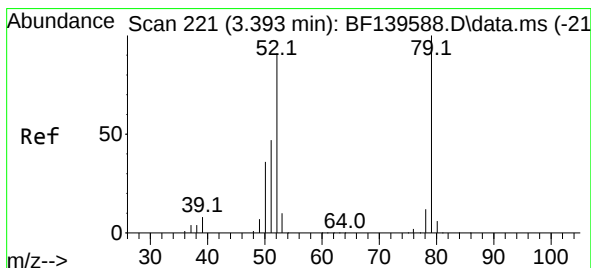
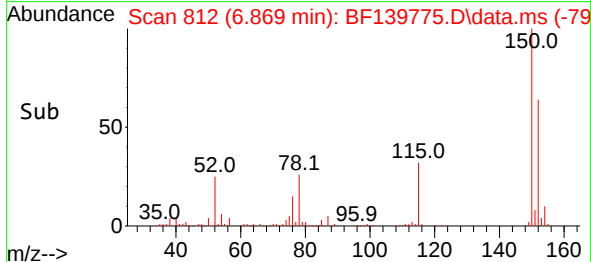
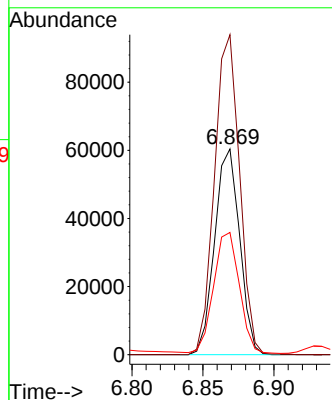
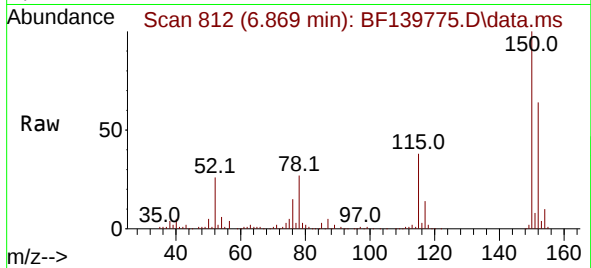




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.869 min Scan# 812  
Delta R.T. 0.000 min  
Lab File: BF139775.D  
Acq: 11 Oct 2024 15:18

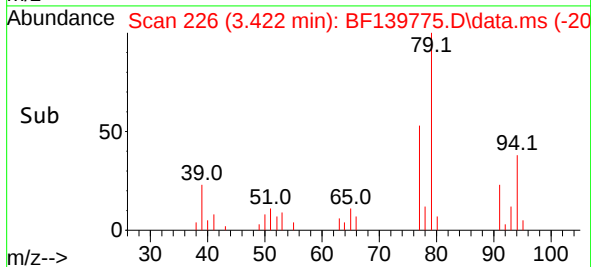
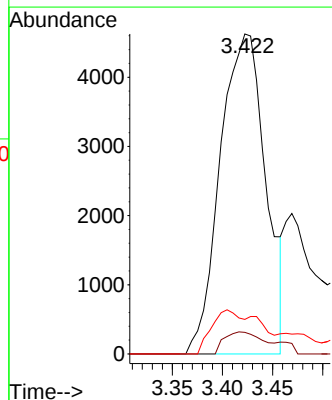
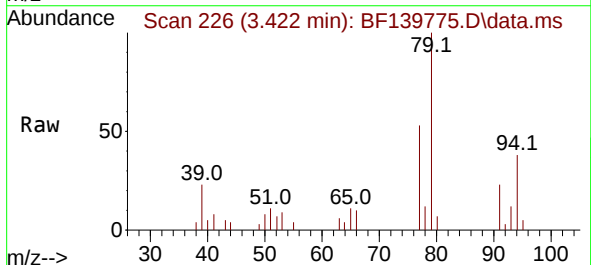
Instrument :  
BNA\_F  
ClientSampleId :  
SB-02-4.5-5.0

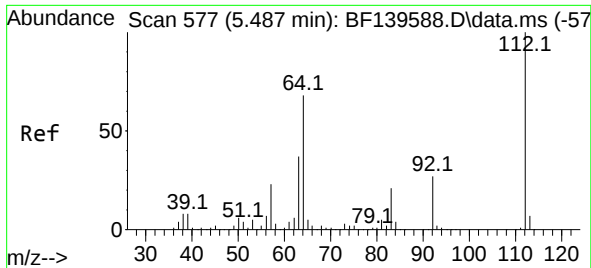
Tgt Ion:152 Resp: 73983  
Ion Ratio Lower Upper  
152 100  
150 155.5 127.2 190.8  
115 59.4 49.0 73.4



#3  
Pyridine  
Concen: 3.246 ng  
RT: 3.422 min Scan# 226  
Delta R.T. 0.029 min  
Lab File: BF139775.D  
Acq: 11 Oct 2024 15:18

Tgt Ion: 79 Resp: 14570  
Ion Ratio Lower Upper  
79 100  
52 6.7 72.6 109.0#  
51 10.8 37.5 56.3#

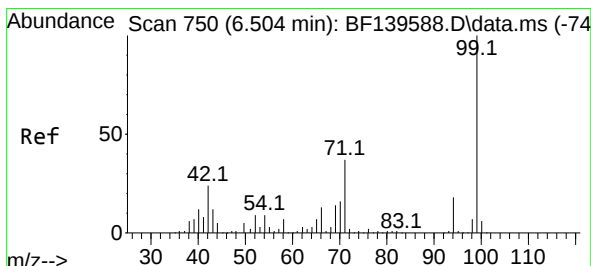
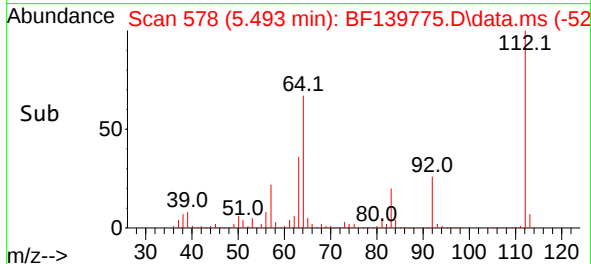
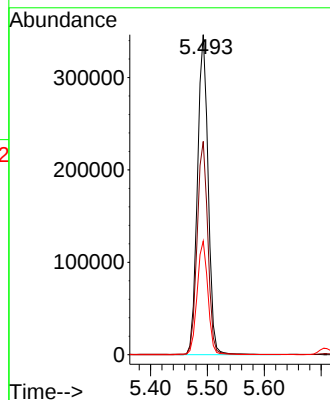
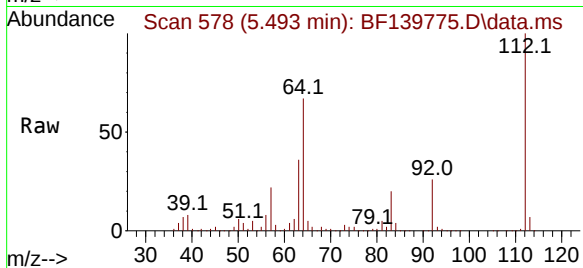




#5  
2-Fluorophenol  
Concen: 106.658 ng  
RT: 5.493 min Scan# 51  
Delta R.T. 0.006 min  
Lab File: BF139775.D  
Acq: 11 Oct 2024 15:18

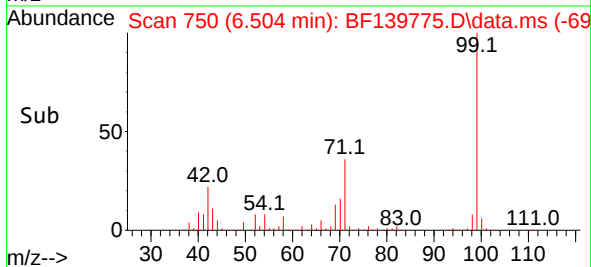
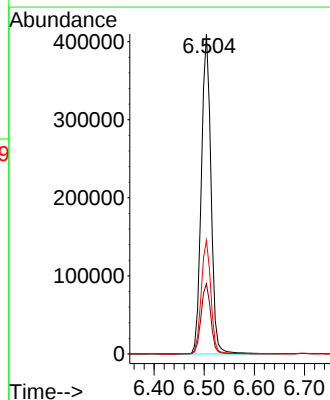
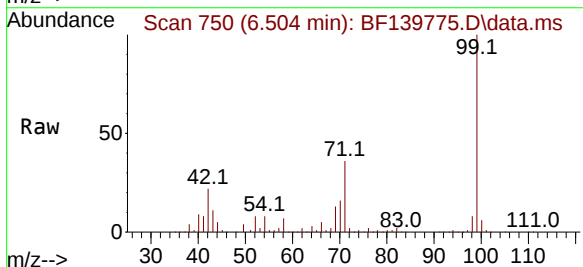
Instrument :  
BNA\_F  
ClientSampleId :  
SB-02-4.5-5.0

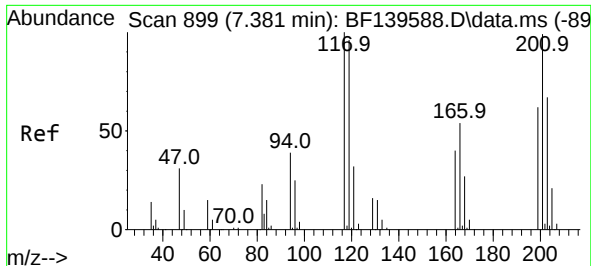
Tgt Ion:112 Resp: 455267  
Ion Ratio Lower Upper  
112 100  
64 66.7 54.2 81.4  
63 35.5 29.4 44.2



#7  
Phenol-d6  
Concen: 95.101 ng  
RT: 6.504 min Scan# 750  
Delta R.T. 0.000 min  
Lab File: BF139775.D  
Acq: 11 Oct 2024 15:18

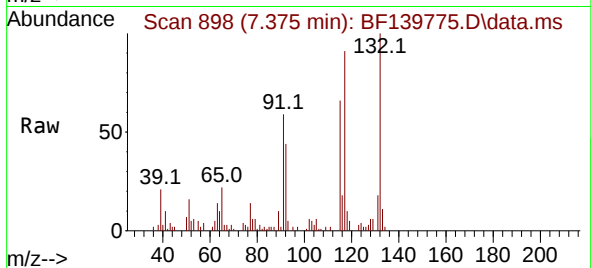
Tgt Ion: 99 Resp: 545898  
Ion Ratio Lower Upper  
99 100  
42 22.0 19.1 28.7  
71 35.5 29.7 44.5



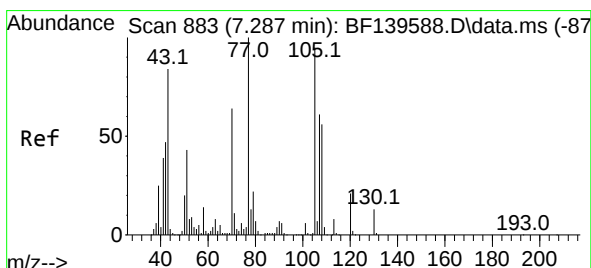
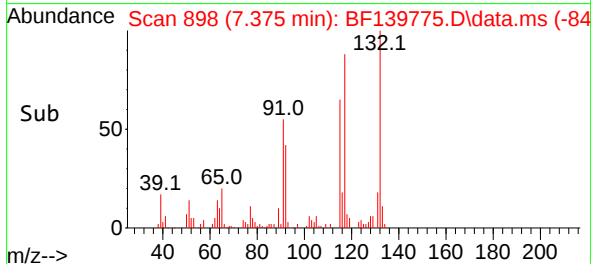
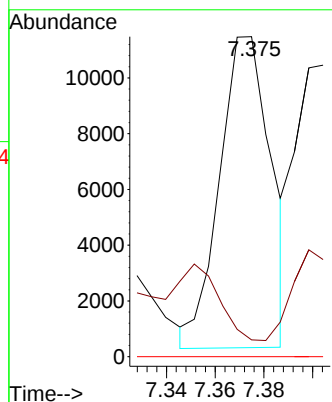


#18  
Hexachloroethane  
Concen: 8.423 ng  
RT: 7.375 min Scan# 89  
Delta R.T. -0.006 min  
Lab File: BF139775.D  
Acq: 11 Oct 2024 15:18

Instrument :  
BNA\_F  
ClientSampleId :  
SB-02-4.5-5.0

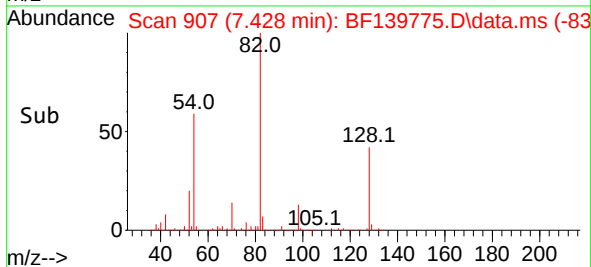
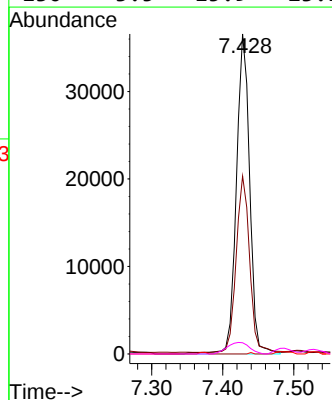
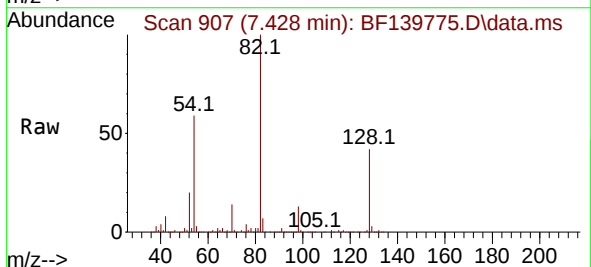


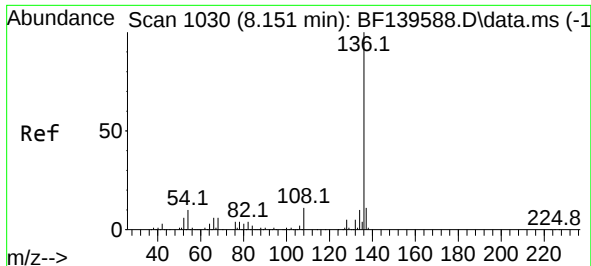
Tgt Ion:117 Resp: 16370  
Ion Ratio Lower Upper  
117 100  
119 5.2 77.0 115.6#  
201 0.0 79.2 118.8#



#19  
n-Nitroso-di-n-propylamine  
Concen: 12.924 ng  
RT: 7.428 min Scan# 907  
Delta R.T. 0.141 min  
Lab File: BF139775.D  
Acq: 11 Oct 2024 15:18

Tgt Ion: 70 Resp: 47695  
Ion Ratio Lower Upper  
70 100  
42 55.6 58.0 87.0#  
101 0.0 7.8 11.8#  
130 3.5 15.9 23.9#





#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.145 min Scan# 1030  
Delta R.T. -0.006 min  
Lab File: BF139775.D  
Acq: 11 Oct 2024 15:18

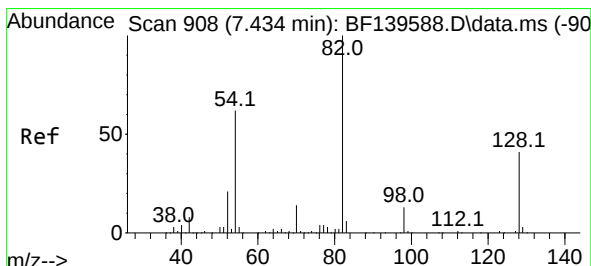
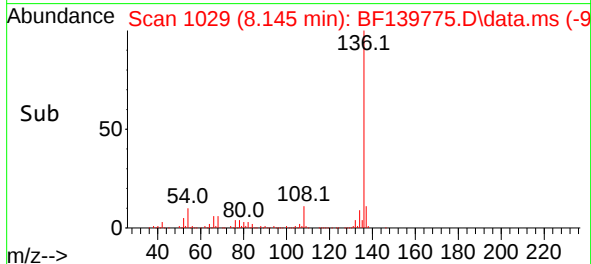
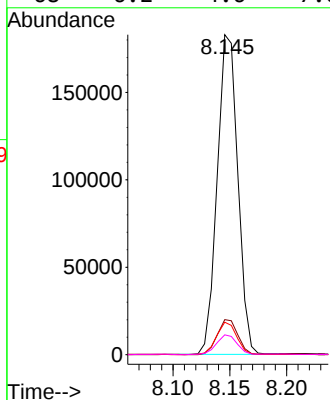
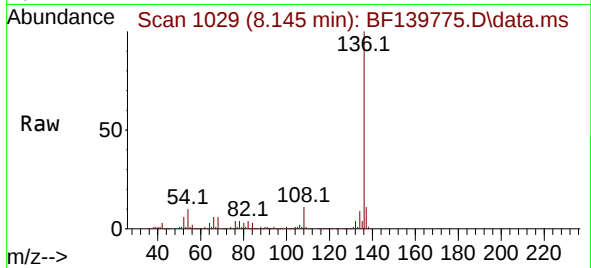
Instrument :

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ClientSampleId :

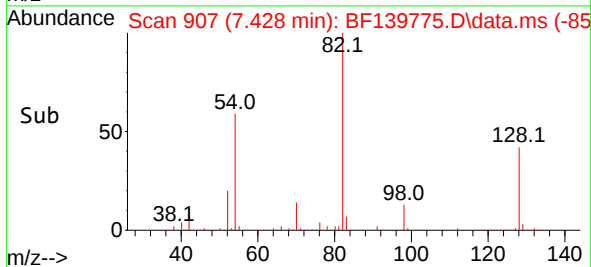
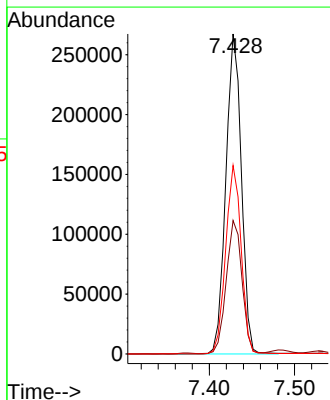
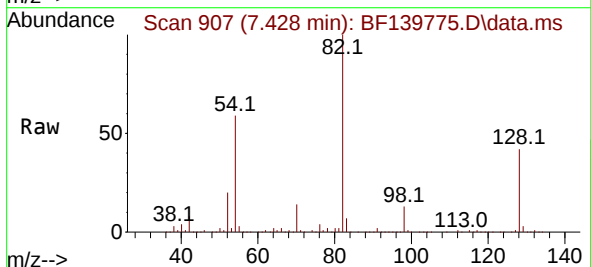
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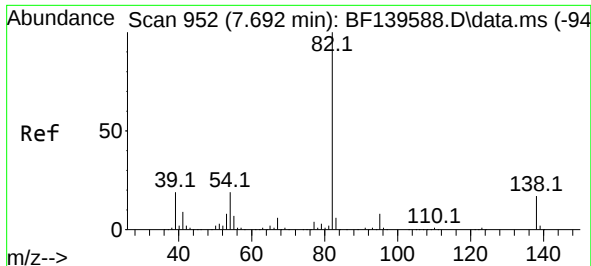
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Ion Ratio Lower Upper  
136 100  
137 10.9 8.6 13.0  
54 10.1 8.3 12.5  
68 6.2 4.6 7.0



#23  
Nitrobenzene-d5  
Concen: 74.482 ng  
RT: 7.428 min Scan# 907  
Delta R.T. -0.006 min  
Lab File: BF139775.D  
Acq: 11 Oct 2024 15:18

Tgt Ion: 82 Resp: 339461  
Ion Ratio Lower Upper  
82 100  
128 41.7 32.4 48.6  
54 58.9 49.1 73.7

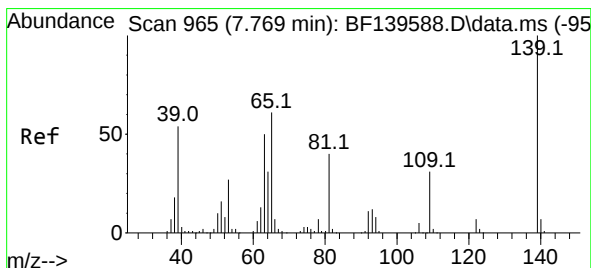
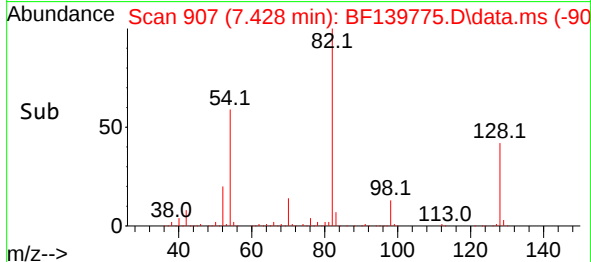
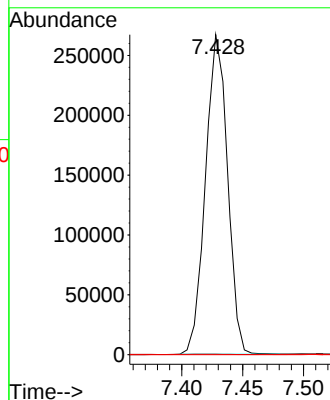
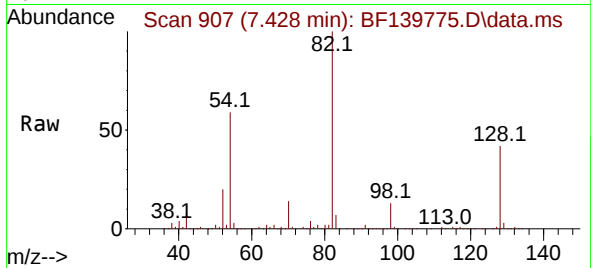




#25  
Isophorone  
Concen: 41.629 ng  
RT: 7.428 min Scan# 90  
Delta R.T. -0.265 min  
Lab File: BF139775.D  
Acq: 11 Oct 2024 15:18

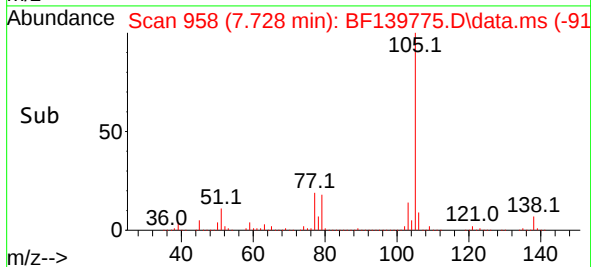
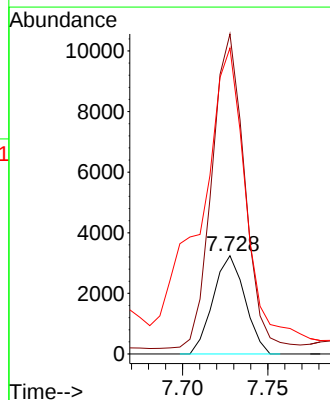
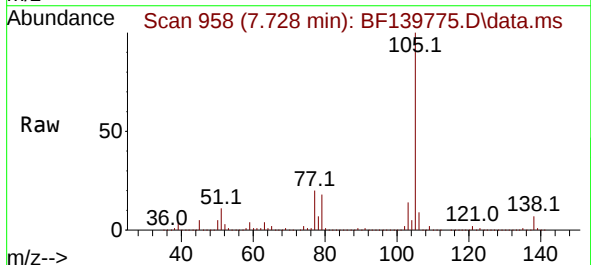
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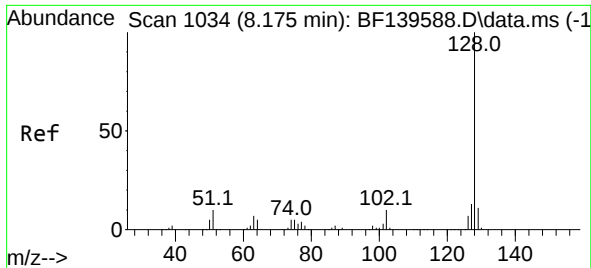
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Ion Ratio Lower Upper  
82 100  
95 0.1 6.1 9.1#  
138 0.0 13.4 20.2#



#26  
2-Nitrophenol  
Concen: 2.074 ng  
RT: 7.728 min Scan# 958  
Delta R.T. -0.041 min  
Lab File: BF139775.D  
Acq: 11 Oct 2024 15:18

Tgt Ion:139 Resp: 4207  
Ion Ratio Lower Upper  
139 100  
109 325.9 24.9 37.3#  
65 311.5 48.6 72.8#

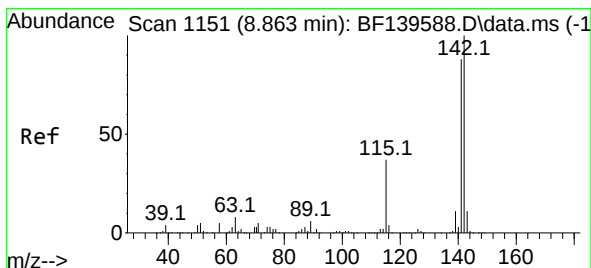
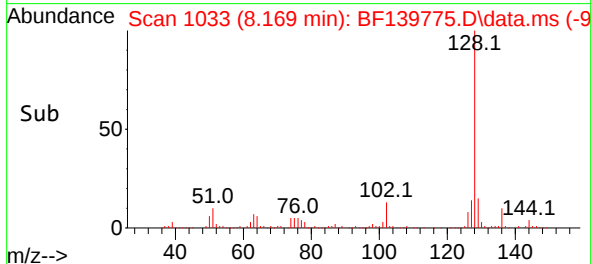
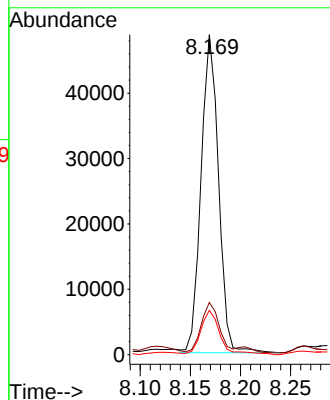
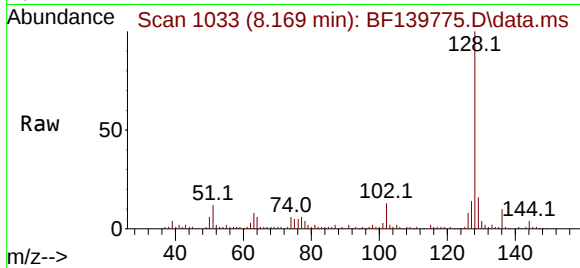




#31  
Naphthalene  
Concen: 5.012 ng  
RT: 8.169 min Scan# 1034  
Delta R.T. -0.006 min  
Lab File: BF139775.D  
Acq: 11 Oct 2024 15:18

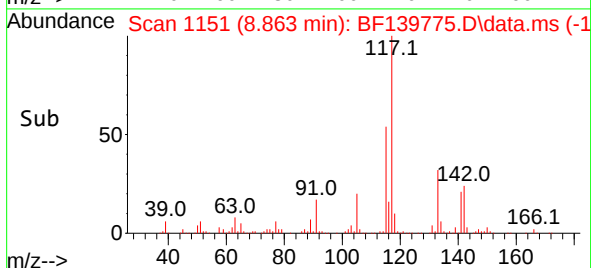
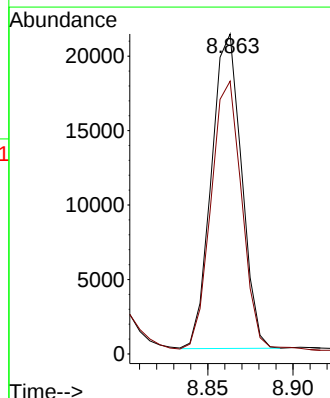
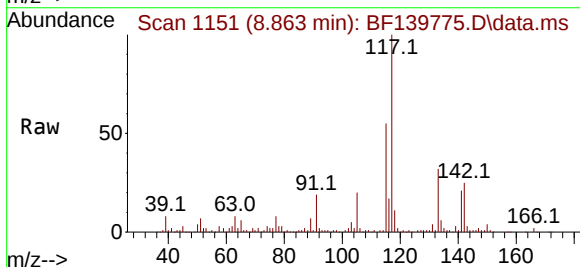
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SB-02-4.5-5.0

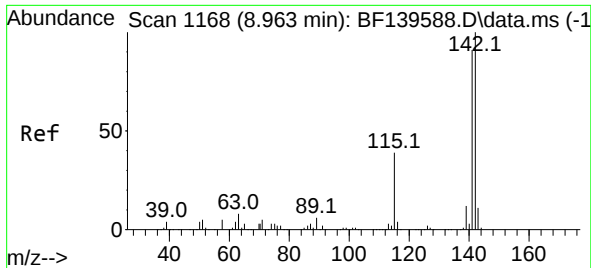
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Ion Ratio Lower Upper  
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129 16.3 8.8 13.2#  
127 13.9 10.5 15.7



#37  
2-Methylnaphthalene  
Concen: 3.387 ng  
RT: 8.863 min Scan# 1151  
Delta R.T. 0.000 min  
Lab File: BF139775.D  
Acq: 11 Oct 2024 15:18

Tgt Ion:142 Resp: 26028  
Ion Ratio Lower Upper  
142 100  
141 85.3 70.4 105.6

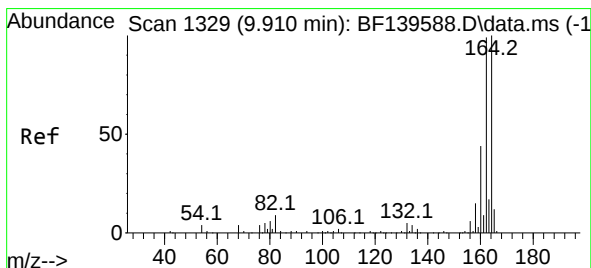
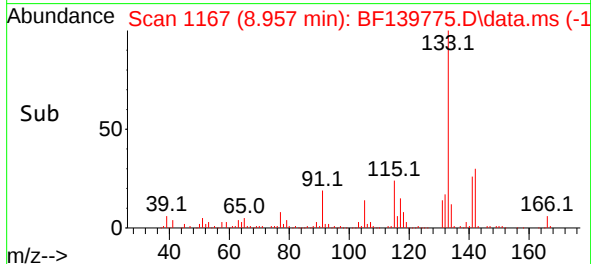
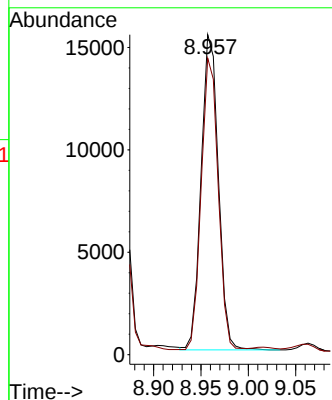
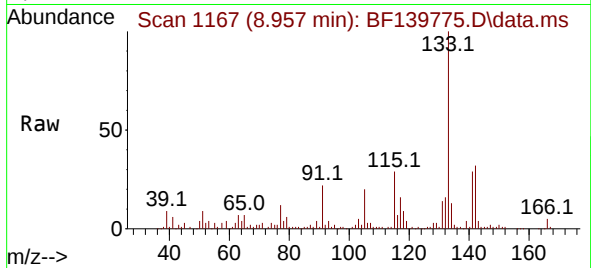




#38  
1-Methylnaphthalene  
Concen: 2.596 ng  
RT: 8.957 min Scan# 1168  
Delta R.T. -0.006 min  
Lab File: BF139775.D  
Acq: 11 Oct 2024 15:18

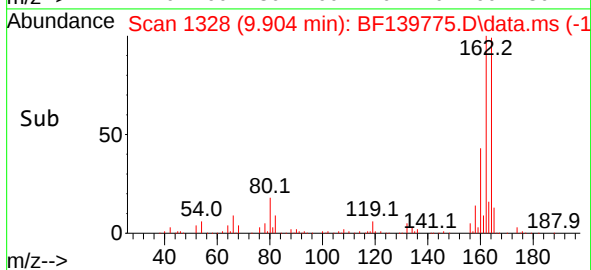
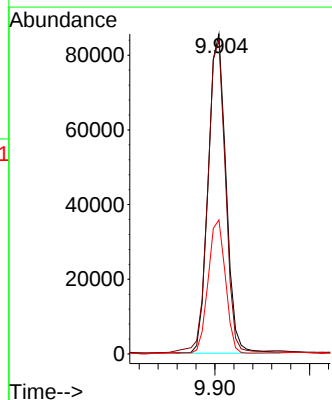
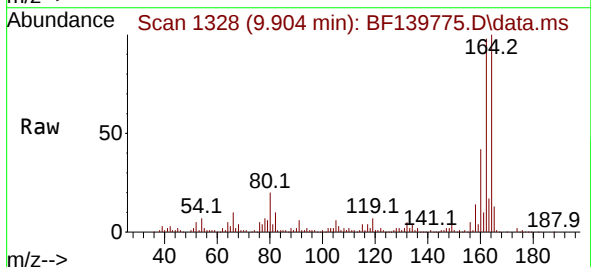
Instrument :  
BNA\_F  
ClientSampleId :  
SB-02-4.5-5.0

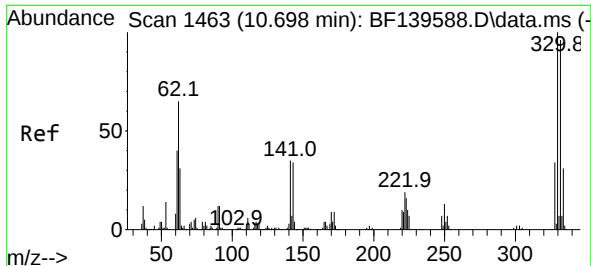
Tgt Ion:142 Resp: 19495  
Ion Ratio Lower Upper  
142 100  
141 92.6 73.0 109.4



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.904 min Scan# 1328  
Delta R.T. -0.006 min  
Lab File: BF139775.D  
Acq: 11 Oct 2024 15:18

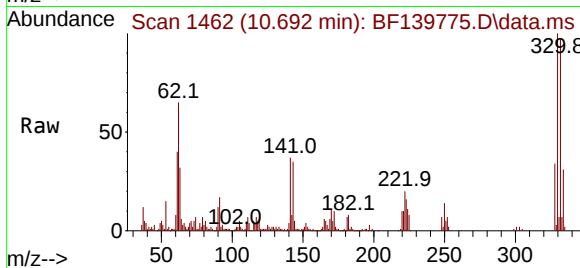
Tgt Ion:164 Resp: 110936  
Ion Ratio Lower Upper  
164 100  
162 98.0 79.4 119.0  
160 41.9 35.1 52.7



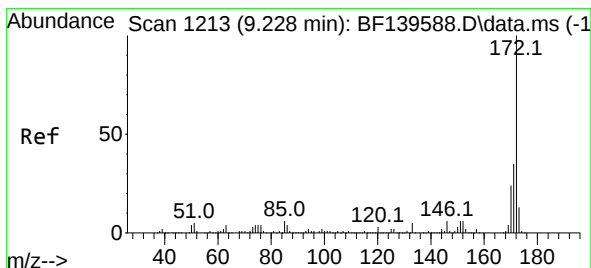
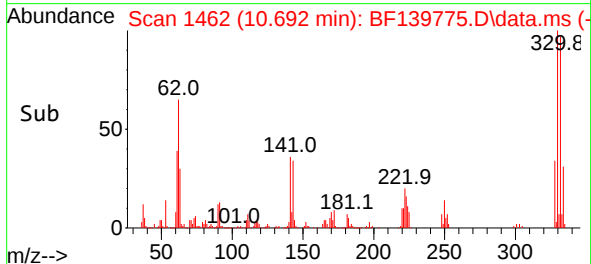
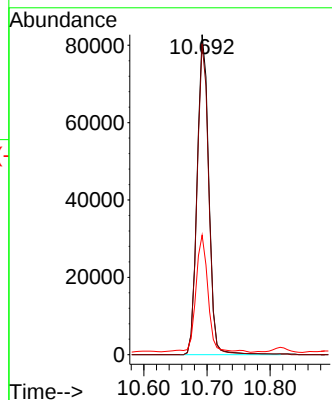


#42  
2,4,6-Tribromophenol  
Concen: 98.826 ng  
RT: 10.692 min Scan# 1462  
Delta R.T. -0.006 min  
Lab File: BF139775.D  
Acq: 11 Oct 2024 15:18

Instrument :  
BNA\_F  
ClientSampleId :  
SB-02-4.5-5.0

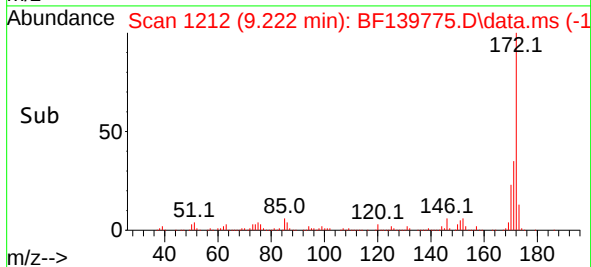
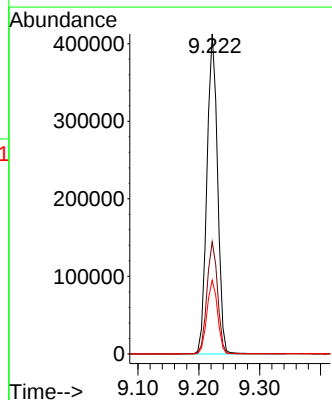
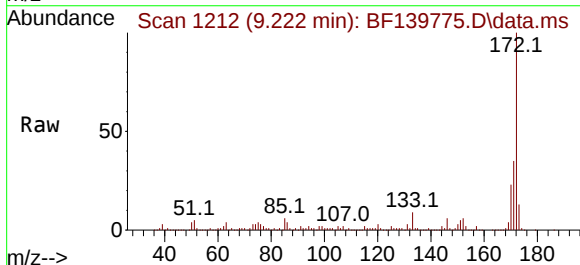


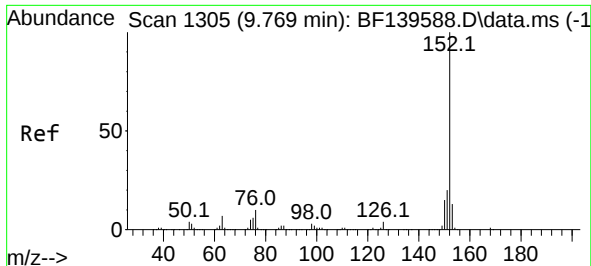
Tgt Ion:330 Resp: 105833  
Ion Ratio Lower Upper  
330 100  
332 96.9 76.5 114.7  
141 37.2 29.3 43.9



#45  
2-Fluorobiphenyl  
Concen: 69.434 ng  
RT: 9.222 min Scan# 1212  
Delta R.T. -0.006 min  
Lab File: BF139775.D  
Acq: 11 Oct 2024 15:18

Tgt Ion:172 Resp: 501747  
Ion Ratio Lower Upper  
172 100  
171 35.1 28.2 42.4  
170 23.1 18.8 28.2

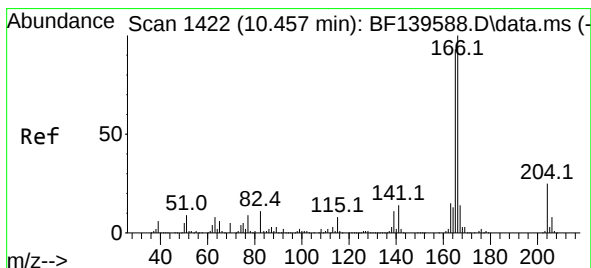
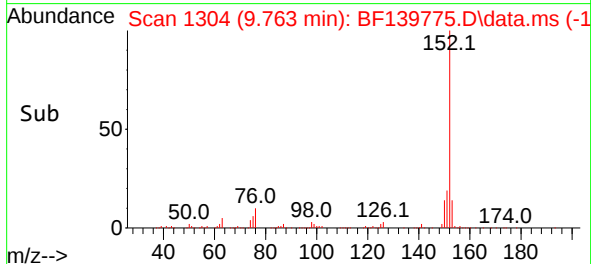
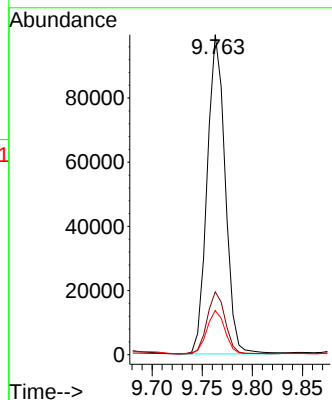
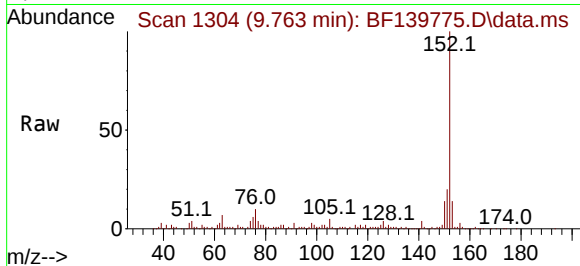




#49  
Acenaphthylene  
Concen: 13.193 ng  
RT: 9.763 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF139775.D  
Acq: 11 Oct 2024 15:18

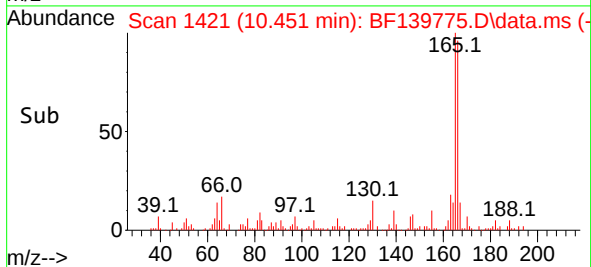
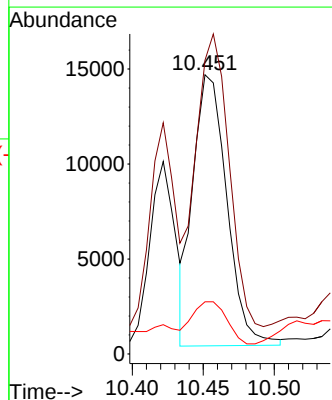
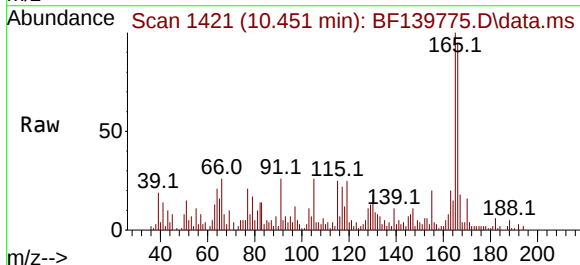
Instrument :  
BNA\_F  
ClientSampleId :  
SB-02-4.5-5.0

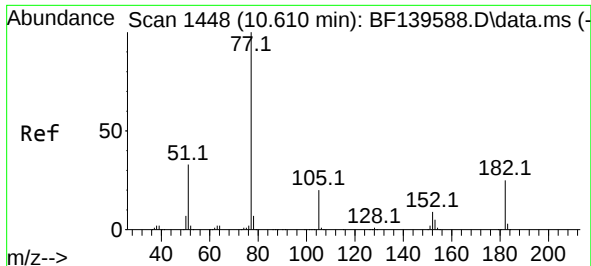
Tgt Ion:152 Resp: 124101  
Ion Ratio Lower Upper  
152 100  
151 19.7 16.0 24.0  
153 13.8 10.5 15.7



#58  
Fluorene  
Concen: 3.286 ng  
RT: 10.451 min Scan# 1421  
Delta R.T. -0.006 min  
Lab File: BF139775.D  
Acq: 11 Oct 2024 15:18

Tgt Ion:166 Resp: 23663  
Ion Ratio Lower Upper  
166 100  
165 105.2 74.4 111.6  
167 18.7 10.9 16.3#

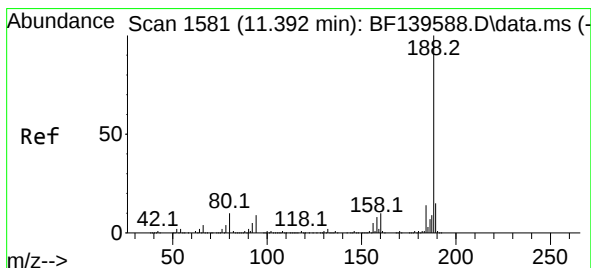
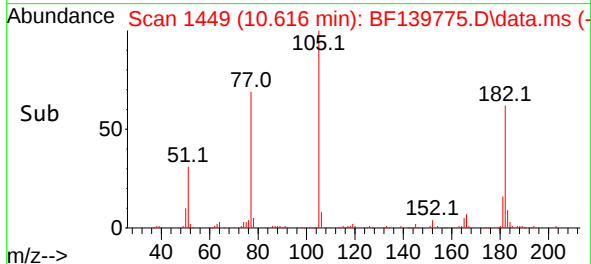
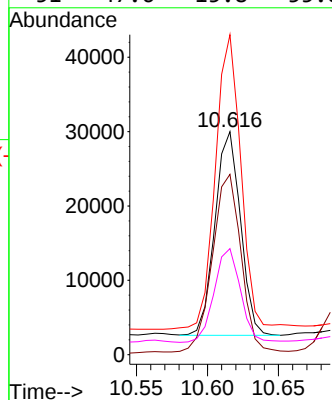
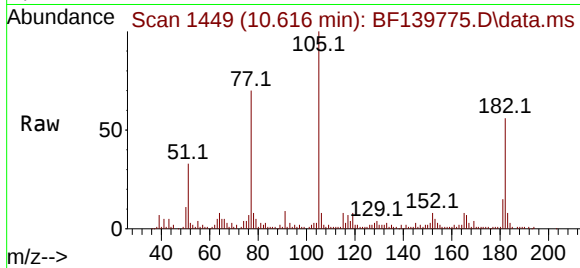




#63  
Azobenzene  
Concen: 4.539 ng  
RT: 10.616 min Scan# 1449  
Delta R.T. 0.006 min  
Lab File: BF139775.D  
Acq: 11 Oct 2024 15:18

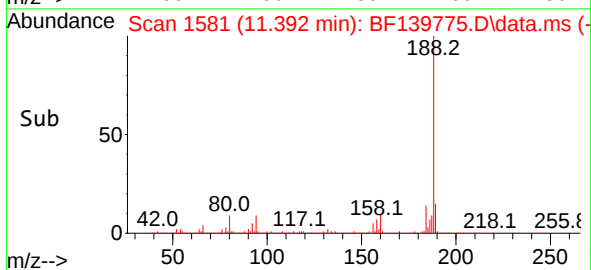
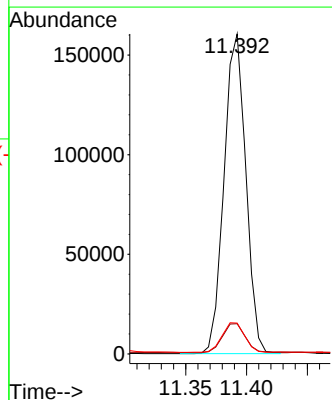
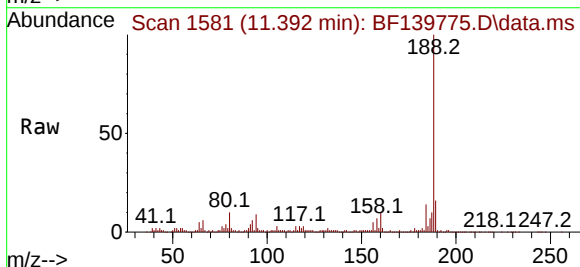
Instrument :  
BNA\_F  
ClientSampleId :  
SB-02-4.5-5.0

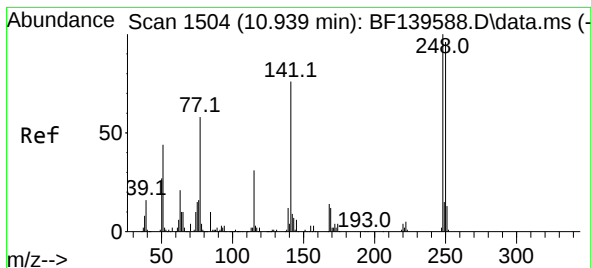
|             |             |
|-------------|-------------|
| Tgt Ion: 77 | Resp: 34242 |
| Ion Ratio   | Lower Upper |
| 77 100      |             |
| 182 80.9    | 4.2 44.2#   |
| 105 143.5   | 0.0 39.6#   |
| 51 47.6     | 15.8 55.8   |



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.392 min Scan# 1581  
Delta R.T. 0.000 min  
Lab File: BF139775.D  
Acq: 11 Oct 2024 15:18

|              |              |
|--------------|--------------|
| Tgt Ion: 188 | Resp: 199923 |
| Ion Ratio    | Lower Upper  |
| 188 100      |              |
| 94 9.5       | 7.4 11.2     |
| 80 9.6       | 8.2 12.2     |

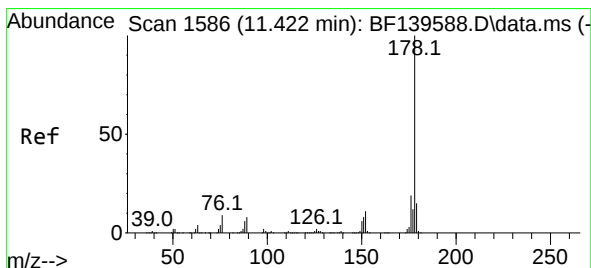
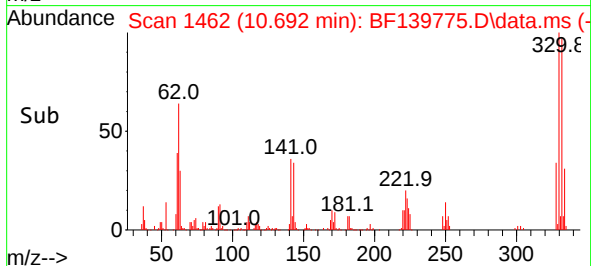
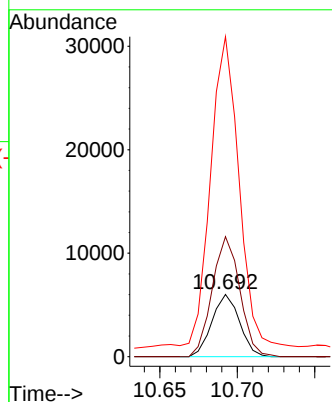
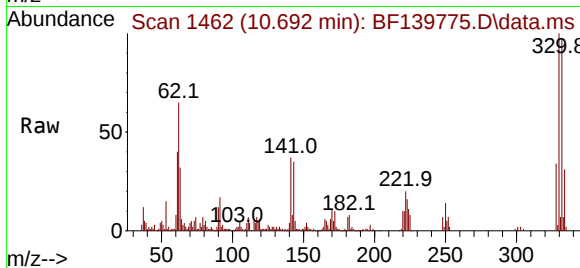




#67  
4-Bromophenyl-phenylether  
Concen: 3.621 ng  
RT: 10.692 min Scan# 1462  
Delta R.T. -0.247 min  
Lab File: BF139775.D  
Acq: 11 Oct 2024 15:18

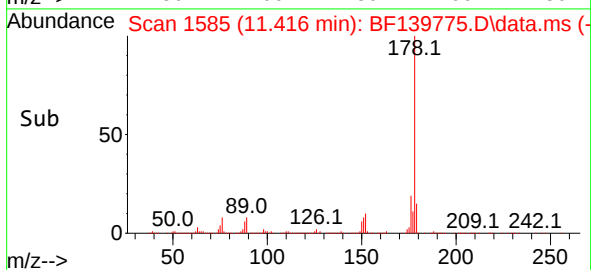
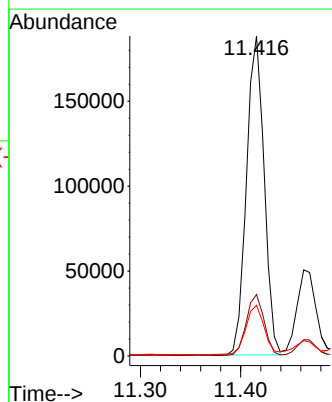
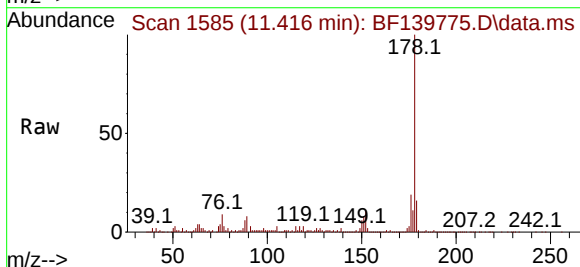
Instrument :  
BNA\_F  
ClientSampleId :  
SB-02-4.5-5.0

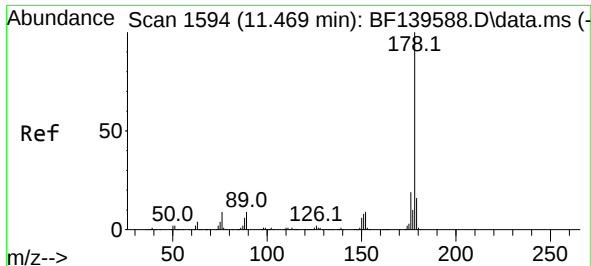
Tgt Ion:248 Resp: 7422  
Ion Ratio Lower Upper  
248 100  
250 192.6 77.1 115.7#  
141 513.9 60.4 90.6#



#71  
Phenanthrene  
Concen: 24.403 ng  
RT: 11.416 min Scan# 1585  
Delta R.T. -0.006 min  
Lab File: BF139775.D  
Acq: 11 Oct 2024 15:18

Tgt Ion:178 Resp: 230038  
Ion Ratio Lower Upper  
178 100  
176 19.2 15.5 23.3  
179 15.8 12.3 18.5

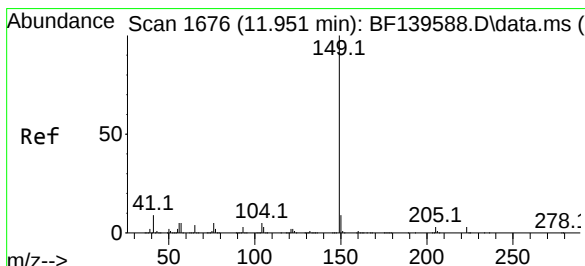
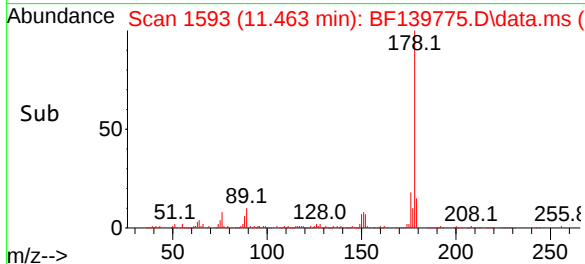
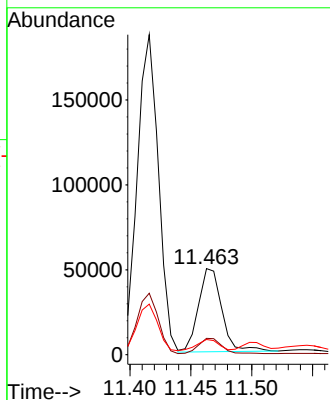
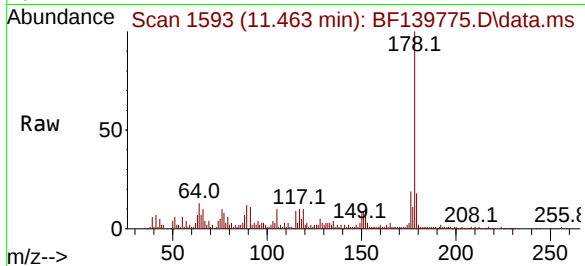




#72  
 Anthracene  
 Concen: 7.050 ng  
 RT: 11.463 min Scan# 11  
 Delta R.T. -0.006 min  
 Lab File: BF139775.D  
 Acq: 11 Oct 2024 15:18

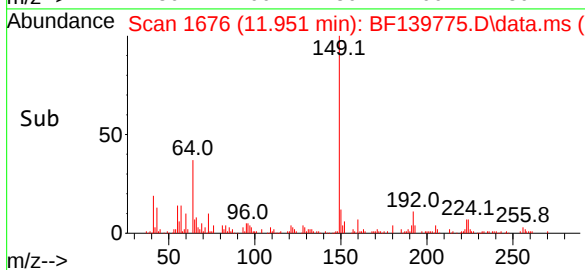
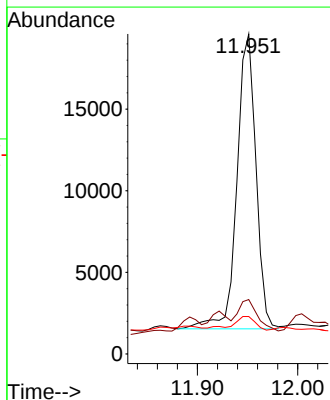
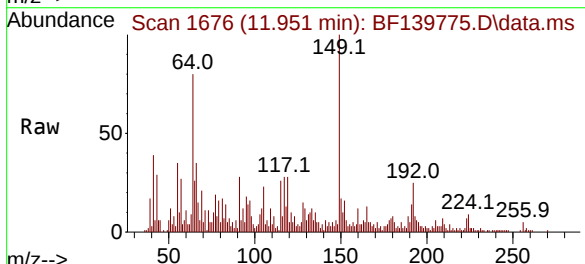
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-02-4.5-5.0

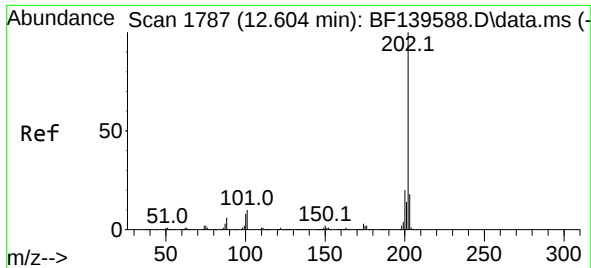
Tgt Ion:178 Resp: 65749  
 Ion Ratio Lower Upper  
 178 100  
 176 19.0 15.1 22.7  
 179 17.7 12.5 18.7



#74  
 Di-n-butylphthalate  
 Concen: 2.192 ng  
 RT: 11.951 min Scan# 1676  
 Delta R.T. 0.000 min  
 Lab File: BF139775.D  
 Acq: 11 Oct 2024 15:18

Tgt Ion:149 Resp: 23878  
 Ion Ratio Lower Upper  
 149 100  
 150 17.0 7.5 11.3#  
 104 11.7 4.1 6.1#

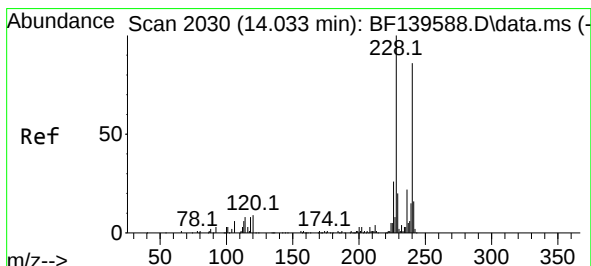
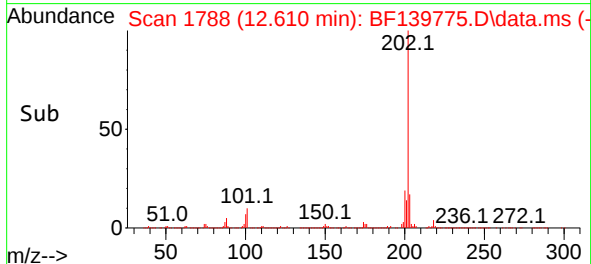
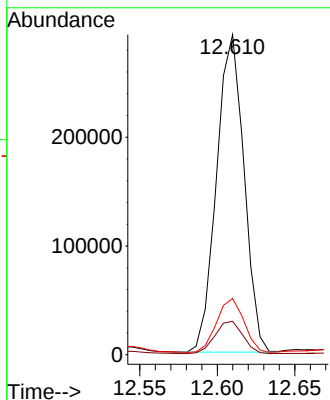
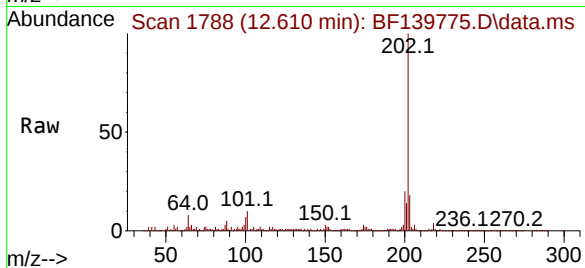




#75  
Fluoranthene  
Concen: 34.886 ng  
RT: 12.610 min Scan# 1788  
Delta R.T. 0.006 min  
Lab File: BF139775.D  
Acq: 11 Oct 2024 15:18

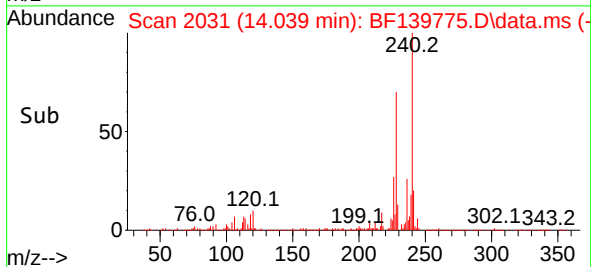
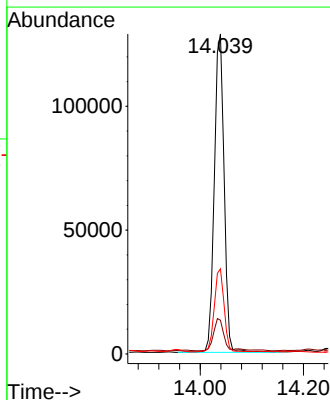
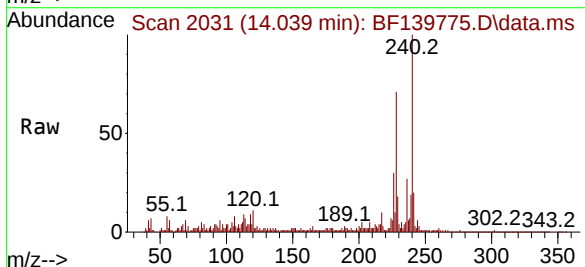
Instrument :  
BNA\_F  
ClientSampleId :  
SB-02-4.5-5.0

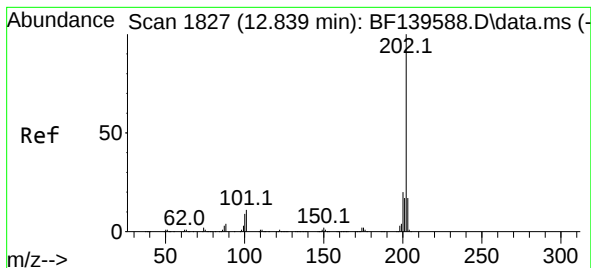
Tgt Ion:202 Resp: 359482  
Ion Ratio Lower Upper  
202 100  
101 10.4 0.0 30.2  
203 17.6 0.0 37.7



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.039 min Scan# 2031  
Delta R.T. 0.006 min  
Lab File: BF139775.D  
Acq: 11 Oct 2024 15:18

Tgt Ion:240 Resp: 169429  
Ion Ratio Lower Upper  
240 100  
120 10.6 8.4 12.6  
236 26.6 20.3 30.5





#78

Pyrene

Concen: 32.832 ng

RT: 12.839 min Scan# 1827

Delta R.T. 0.000 min

Lab File: BF139775.D

Acq: 11 Oct 2024 15:18

Instrument :

BNA\_F

ClientSampleId :

SB-02-4.5-5.0

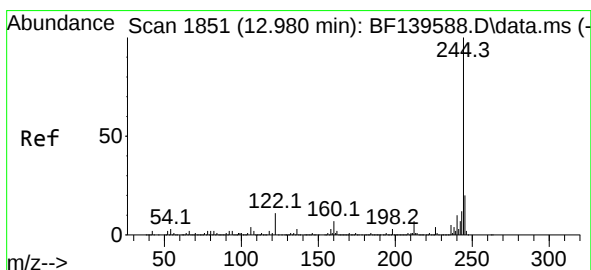
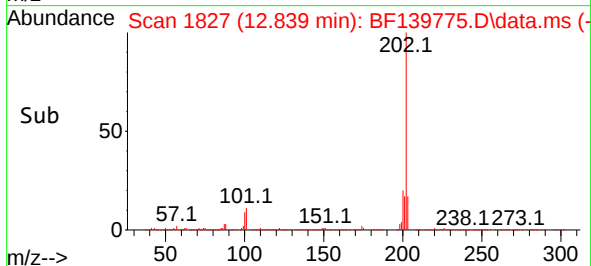
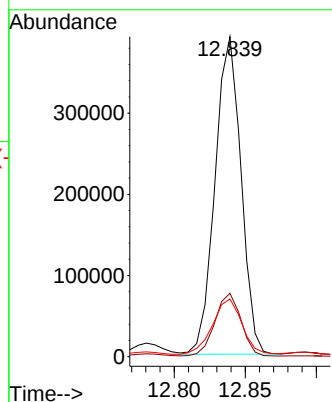
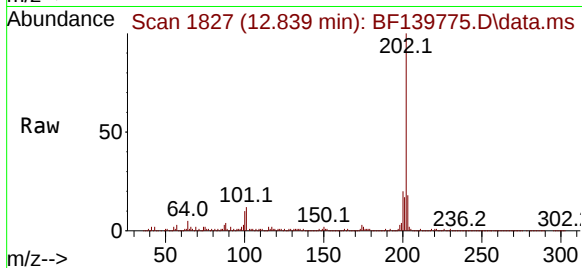
Tgt Ion:202 Resp: 497517

Ion Ratio Lower Upper

202 100

200 19.8 15.8 23.6

203 18.1 13.8 20.8



#79

Terphenyl-d14

Concen: 54.535 ng

RT: 12.975 min Scan# 1850

Delta R.T. -0.005 min

Lab File: BF139775.D

Acq: 11 Oct 2024 15:18

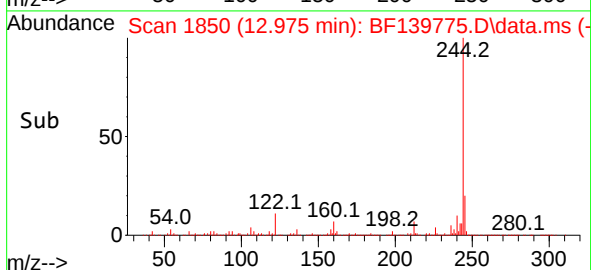
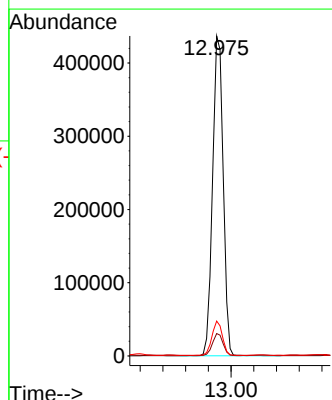
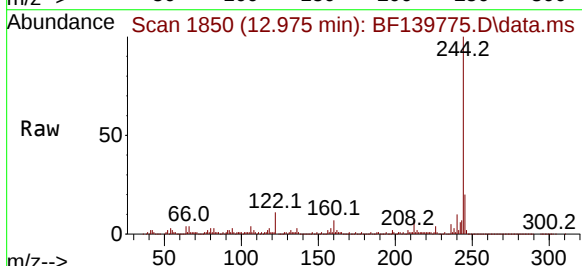
Tgt Ion:244 Resp: 563121

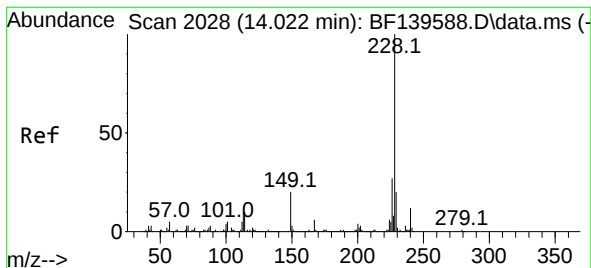
Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.6

122 10.9 8.6 12.8





#81

Benzo(a)anthracene

Concen: 21.203 ng

RT: 14.063 min Scan# 2035

Delta R.T. 0.041 min

Lab File: BF139775.D

Acq: 11 Oct 2024 15:18

Instrument :

BNA\_F

ClientSampleId :

SB-02-4.5-5.0

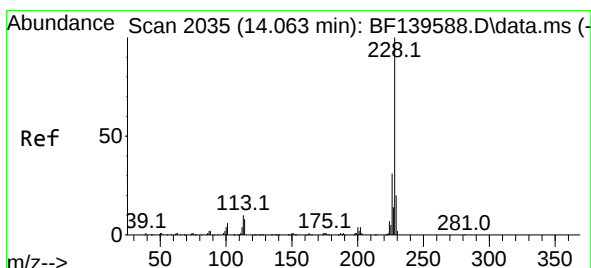
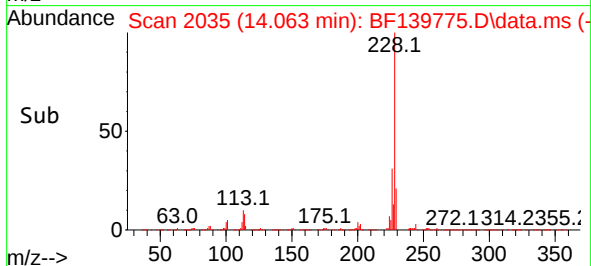
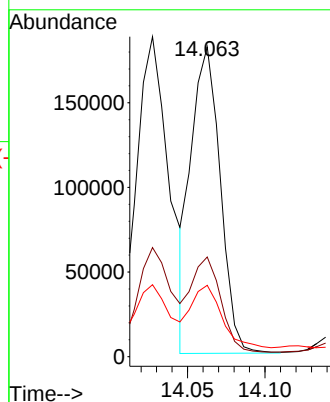
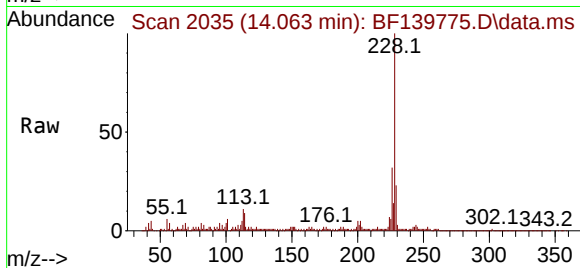
Tgt Ion:228 Resp: 236184

Ion Ratio Lower Upper

228 100

226 32.2 21.8 32.8

229 23.0 15.8 23.8



#83

Chrysene

Concen: 23.191 ng

RT: 14.063 min Scan# 2035

Delta R.T. 0.000 min

Lab File: BF139775.D

Acq: 11 Oct 2024 15:18

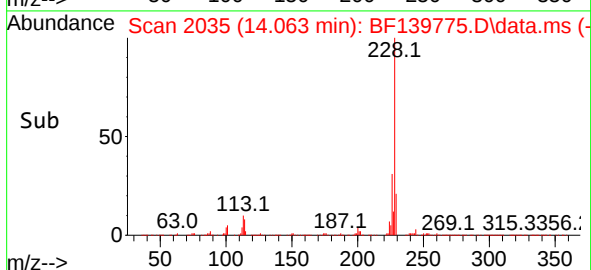
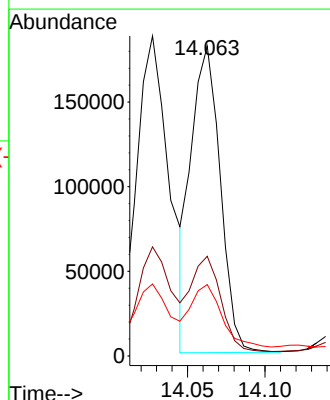
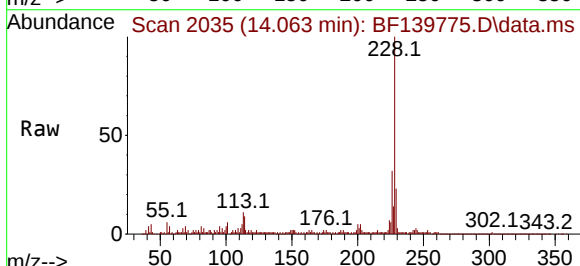
Tgt Ion:228 Resp: 236184

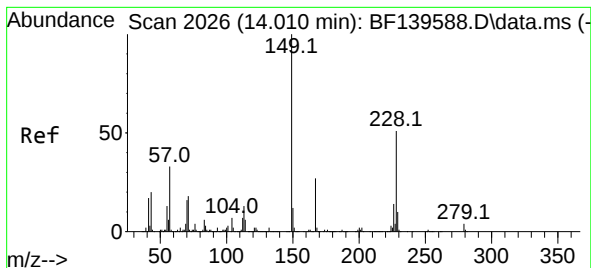
Ion Ratio Lower Upper

228 100

226 32.2 24.3 36.5

229 23.0 15.7 23.5

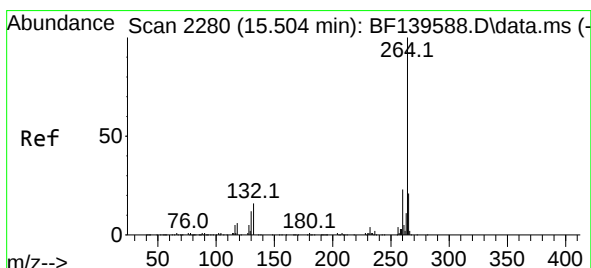
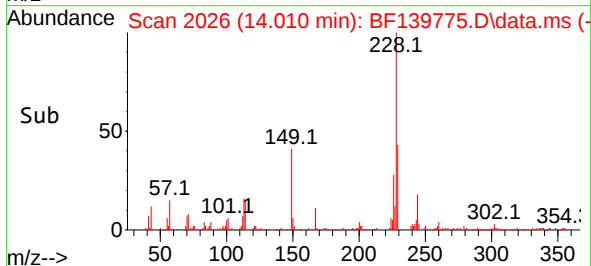
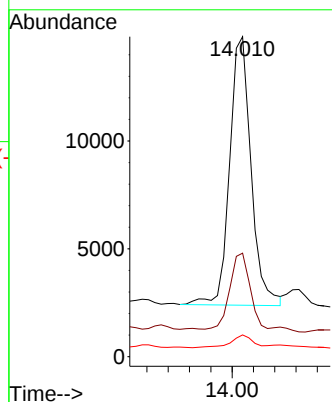
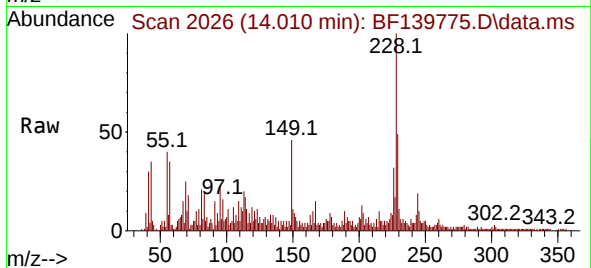




#84  
Bis(2-ethylhexyl)phthalate  
Concen: 2.570 ng  
RT: 14.010 min Scan# 2026  
Delta R.T. 0.000 min  
Lab File: BF139775.D  
Acq: 11 Oct 2024 15:18

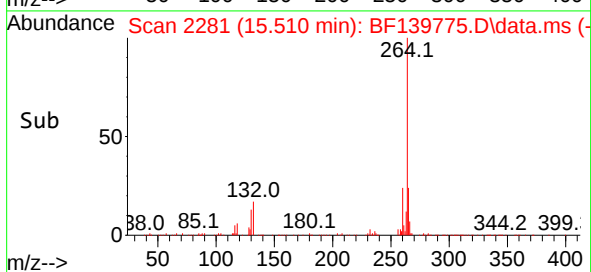
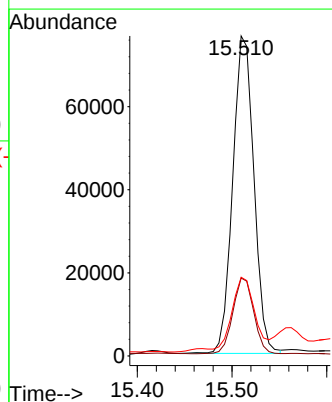
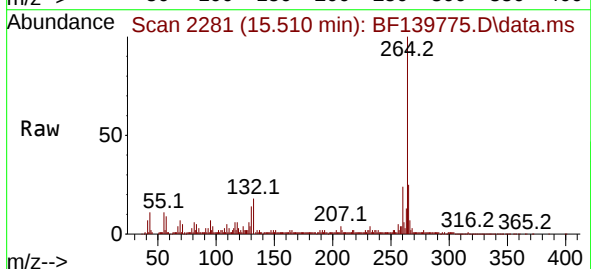
Instrument :  
BNA\_F  
ClientSampleId :  
SB-02-4.5-5.0

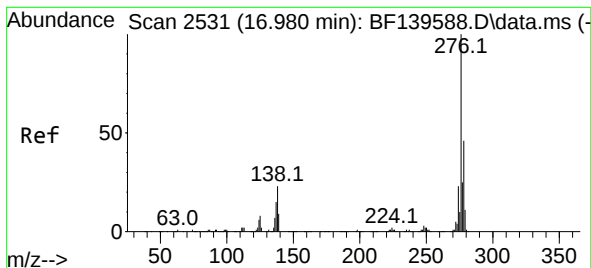
Tgt Ion:149 Resp: 17396  
Ion Ratio Lower Upper  
149 100  
167 32.4 21.7 32.5  
279 6.8 3.2 4.8#



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.510 min Scan# 2281  
Delta R.T. 0.006 min  
Lab File: BF139775.D  
Acq: 11 Oct 2024 15:18

Tgt Ion:264 Resp: 118453  
Ion Ratio Lower Upper  
264 100  
260 24.3 18.7 28.1  
265 24.6 16.9 25.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 11.325 ng

RT: 16.986 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF139775.D

Acq: 11 Oct 2024 15:18

Instrument :

BNA\_F

ClientSampleId :

SB-02-4.5-5.0

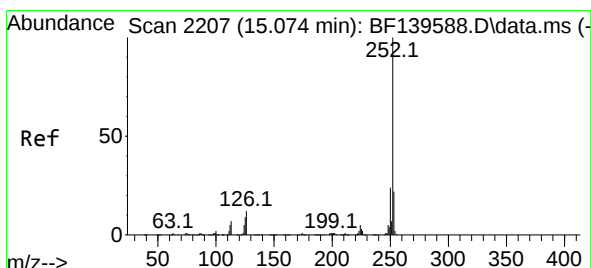
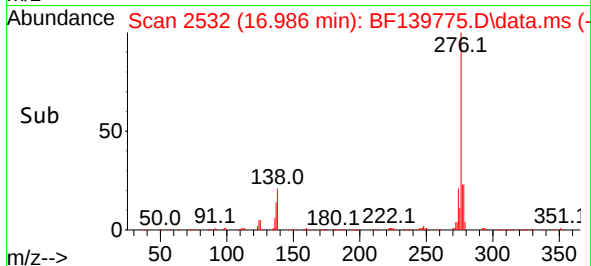
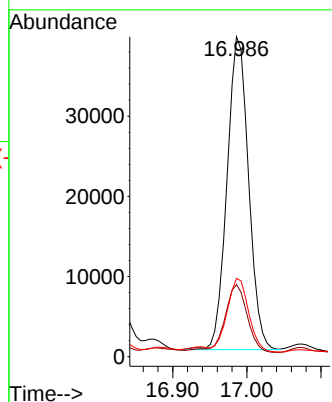
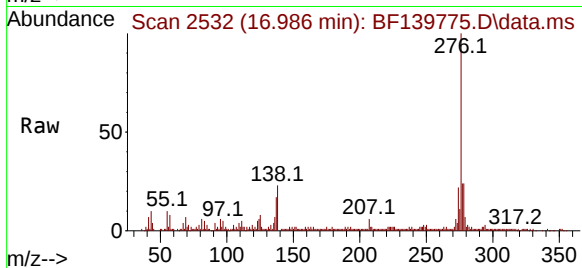
Tgt Ion:276 Resp: 78957

Ion Ratio Lower Upper

276 100

138 22.6 19.4 29.0

277 23.6 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 33.638 ng

RT: 15.086 min Scan# 2209

Delta R.T. 0.012 min

Lab File: BF139775.D

Acq: 11 Oct 2024 15:18

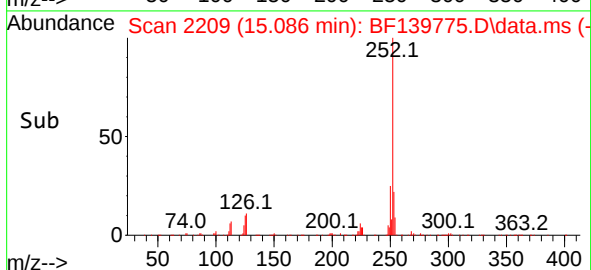
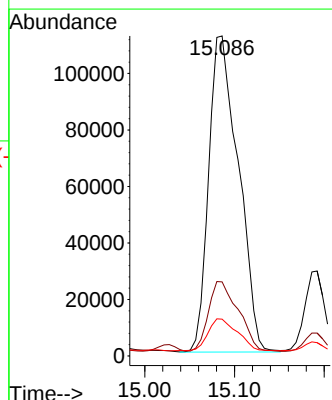
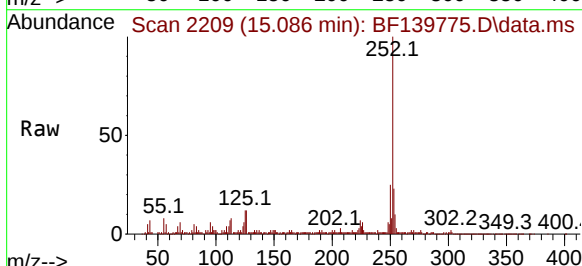
Tgt Ion:252 Resp: 257629

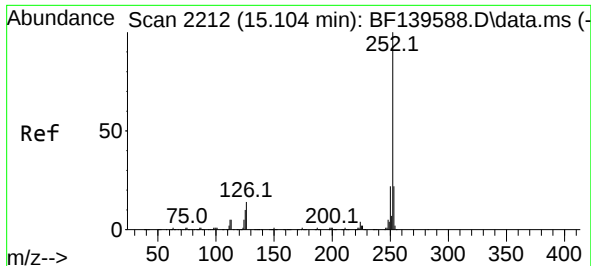
Ion Ratio Lower Upper

252 100

253 23.2 17.4 26.0

125 11.5 7.4 11.0#





#89

Benzo(k)fluoranthene

Concen: 39.654 ng

RT: 15.086 min Scan# 21

Delta R.T. -0.018 min

Lab File: BF139775.D

Acq: 11 Oct 2024 15:18

Instrument :

BNA\_F

ClientSampleId :

SB-02-4.5-5.0

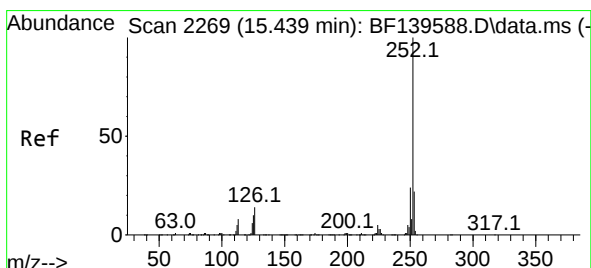
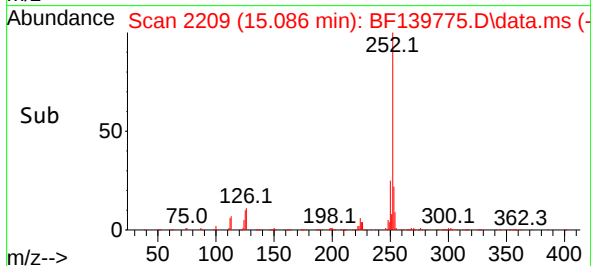
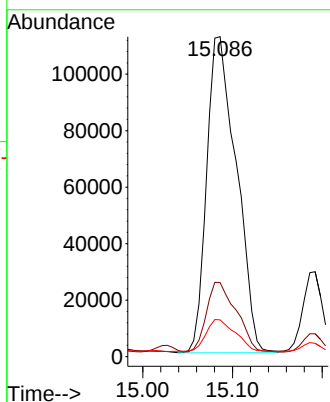
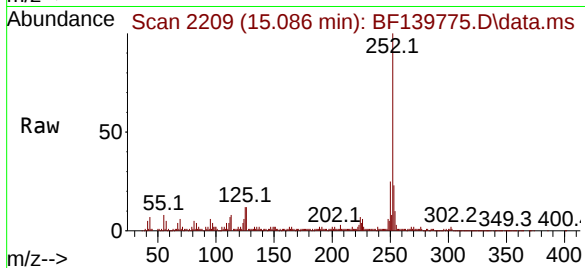
Tgt Ion:252 Resp: 257629

Ion Ratio Lower Upper

252 100

253 23.2 17.5 26.3

125 11.5 7.6 11.4#



#90

Benzo(a)pyrene

Concen: 23.792 ng

RT: 15.451 min Scan# 2271

Delta R.T. 0.012 min

Lab File: BF139775.D

Acq: 11 Oct 2024 15:18

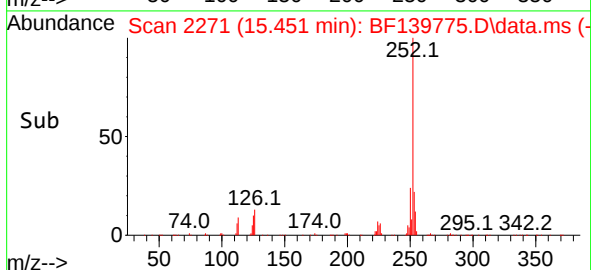
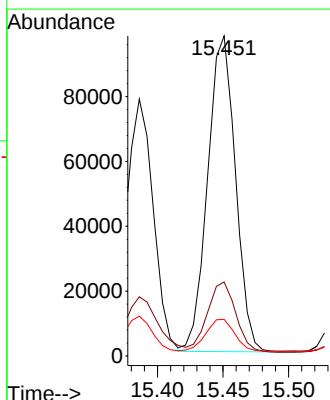
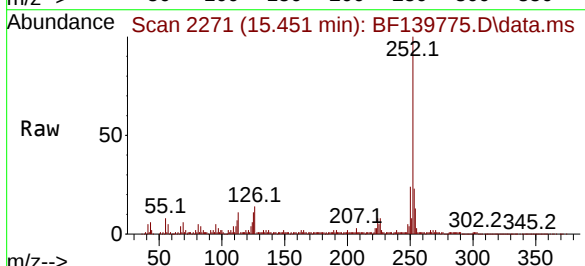
Tgt Ion:252 Resp: 143681

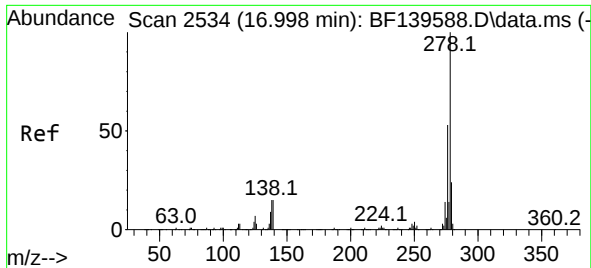
Ion Ratio Lower Upper

252 100

253 23.1 17.3 25.9

125 11.4 8.3 12.5

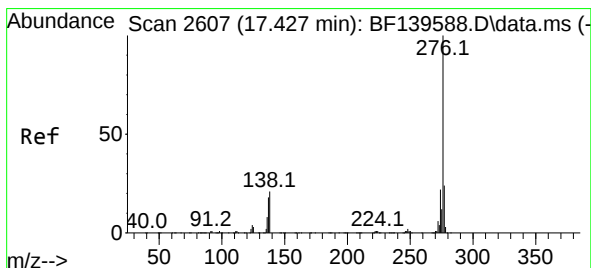
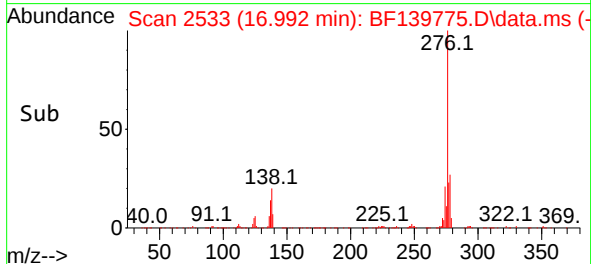
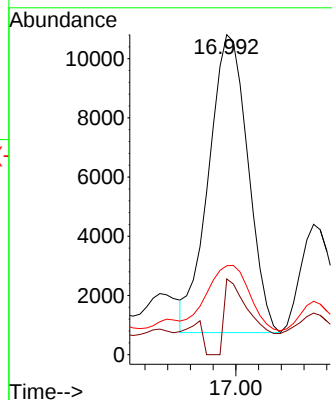
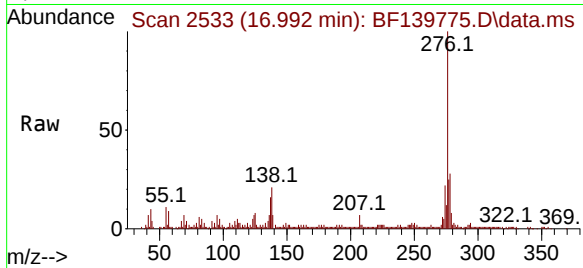




#91  
Dibenzo(a,h)anthracene  
Concen: 4.180 ng  
RT: 16.992 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BF139775.D  
Acq: 11 Oct 2024 15:18

Instrument :  
BNA\_F  
ClientSampleId :  
SB-02-4.5-5.0

Tgt Ion:278 Resp: 24171  
Ion Ratio Lower Upper  
278 100  
139 23.6 12.2 18.4#  
279 27.8 19.2 28.8



#92  
Benzo(g,h,i)perylene  
Concen: 14.792 ng  
RT: 17.439 min Scan# 2609  
Delta R.T. 0.012 min  
Lab File: BF139775.D  
Acq: 11 Oct 2024 15:18

Tgt Ion:276 Resp: 85782  
Ion Ratio Lower Upper  
276 100  
277 24.4 19.0 28.6  
138 21.6 17.0 25.6

