

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF052722\  
 Data File : BF128510.D  
 Acq On : 27 May 2022 15:11  
 Operator : CG\JU  
 Sample : N2922-05  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 P024-SS001-0006-01

Quant Time: May 27 23:18:28 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF052622.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri May 27 01:51:59 2022  
 Response via : Initial Calibration

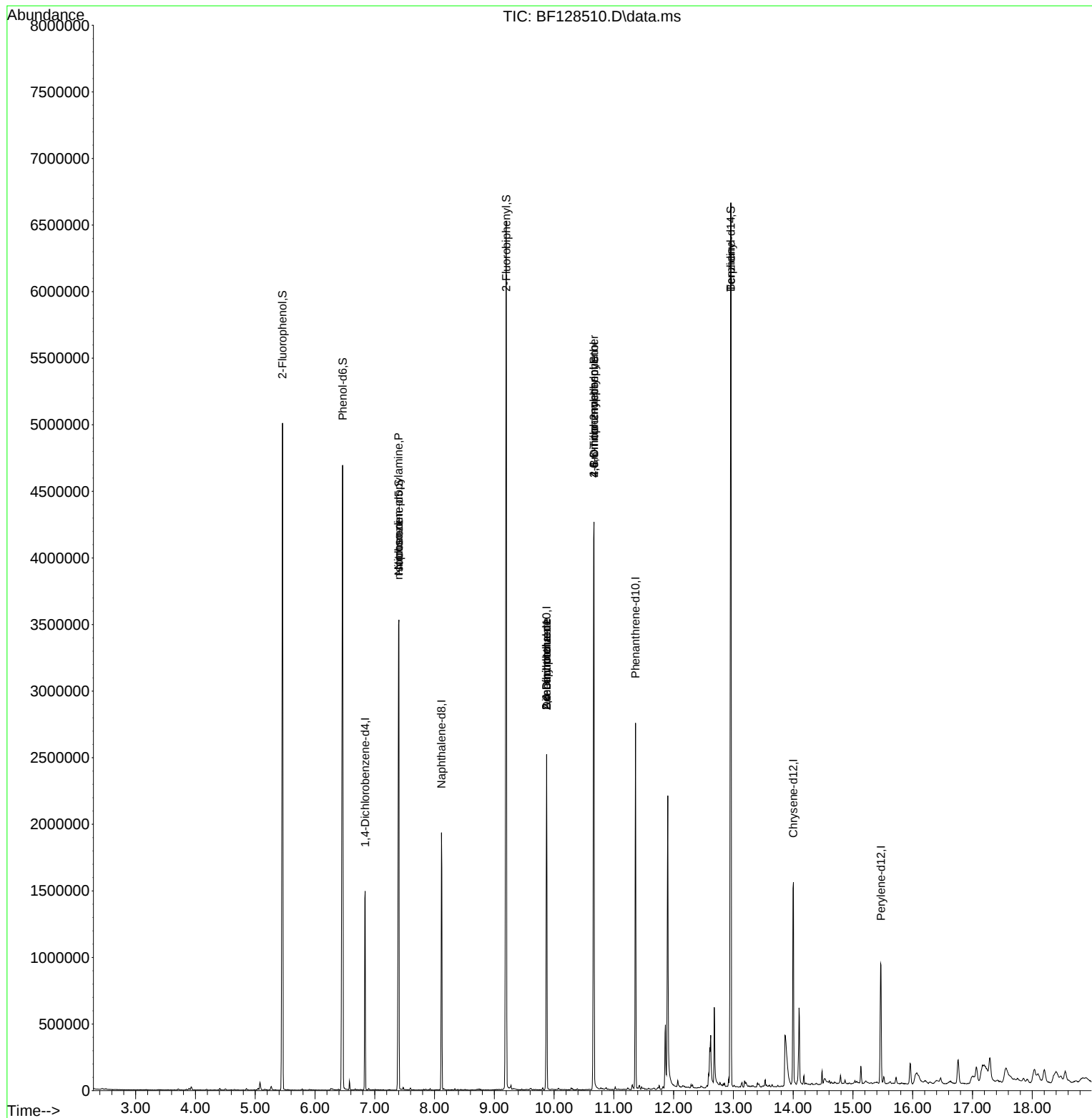
| Compound                      | R.T.   | QIon | Response | Conc      | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|-----------|--------|----------|
| -----                         |        |      |          |           |        |          |
| Internal Standards            |        |      |          |           |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.839  | 152  | 219315   | 20.000    | ng     | 0.00     |
| 21) Naphthalene-d8            | 8.116  | 136  | 859604   | 20.000    | ng     | -0.01    |
| 39) Acenaphthene-d10          | 9.874  | 164  | 504235   | 20.000    | ng     | 0.00     |
| 64) Phenanthrene-d10          | 11.363 | 188  | 949268   | 20.000    | ng     | 0.00     |
| 76) Chrysene-d12              | 14.004 | 240  | 549205   | 20.000    | ng     | 0.00     |
| 86) Perylene-d12              | 15.468 | 264  | 423510   | 20.000    | ng     | 0.00     |
| System Monitoring Compounds   |        |      |          |           |        |          |
| 5) 2-Fluorophenol             | 5.457  | 112  | 1482255  | 111.949   | ng     | 0.00     |
| 7) Phenol-d6                  | 6.463  | 99   | 1929439  | 114.290   | ng     | 0.00     |
| 23) Nitrobenzene-d5           | 7.404  | 82   | 1309084  | 87.853    | ng     | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.669 | 330  | 579031   | 120.645   | ng     | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.198  | 172  | 2444293  | 78.755    | ng     | 0.00     |
| 79) Terphenyl-d14             | 12.957 | 244  | 2566475  | 90.282    | ng     | 0.00     |
| Target Compounds              |        |      |          |           |        |          |
|                               |        |      |          |           | Qvalue |          |
| 9) Benzaldehyde               | 6.386  | 77   | 466      | Below Cal | #      | 54       |
| 19) n-Nitroso-di-n-propyla... | 7.398  | 70   | 176050   | 17.008    | ng     | # 81     |
| 25) Isophorone                | 7.404  | 82   | 1306452  | 47.528    | ng     | # 65     |
| 50) Dimethylphthalate         | 9.874  | 163  | 90226    | 2.759     | ng     | # 1      |
| 51) 2,6-Dinitrotoluene        | 9.874  | 165  | 66135    | 11.033    | ng     | # 25     |
| 57) 2,4-Dinitrotoluene        | 9.874  | 165  | 66135    | 9.222     | ng     | # 21     |
| 65) 4,6-Dinitro-2-methylph... | 10.669 | 198  | 1618     | 5.829     | ng     | # 1      |
| 67) 4-Bromophenyl-phenylether | 10.669 | 248  | 38315    | 3.907     | ng     | # 1      |
| 77) Benzidine                 | 12.957 | 184  | 37203    | 2.937     | ng     | # 93     |
| -----                         |        |      |          |           |        |          |

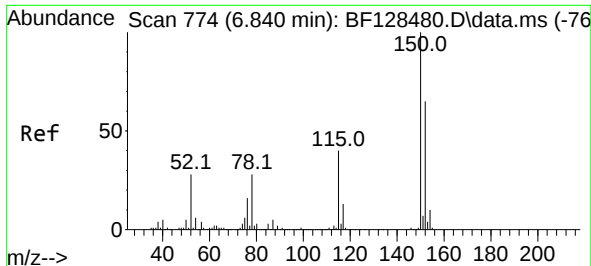
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF052722\  
Data File : BF128510.D  
Acq On : 27 May 2022 15:11  
Operator : CG\JU  
Sample : N2922-05  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
P024-SS001-0006-01

Quant Time: May 27 23:18:28 2022  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF052622.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri May 27 01:51:59 2022  
Response via : Initial Calibration

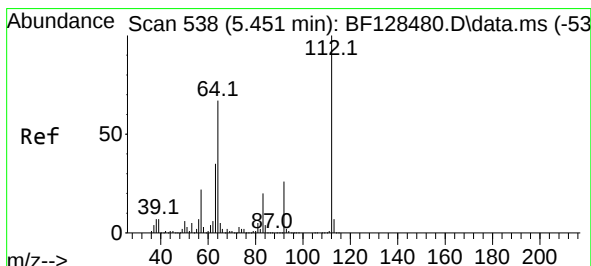
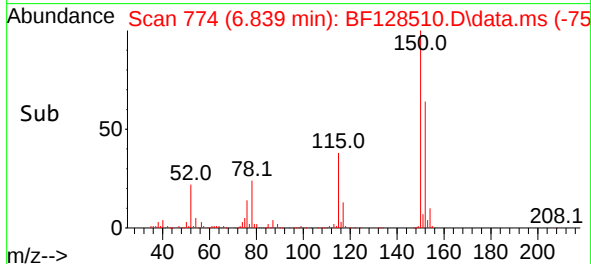
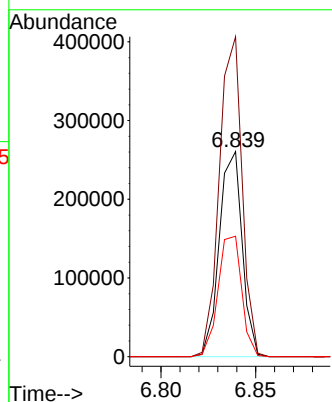
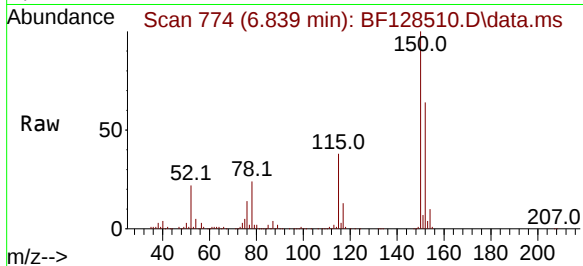




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.839 min Scan# 71  
Delta R.T. -0.001 min  
Lab File: BF128510.D  
Acq: 27 May 2022 15:11

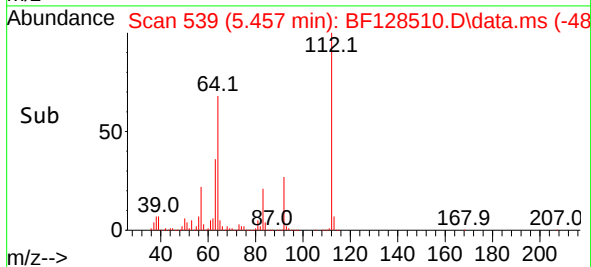
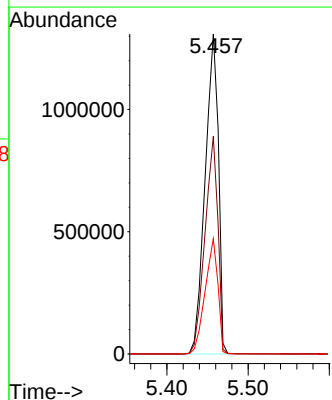
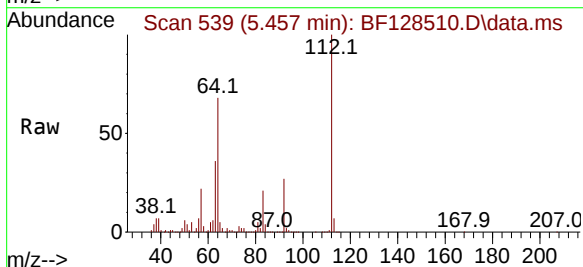
Instrument :  
BNA\_F  
ClientSampleId :  
P024-SS001-0006-01

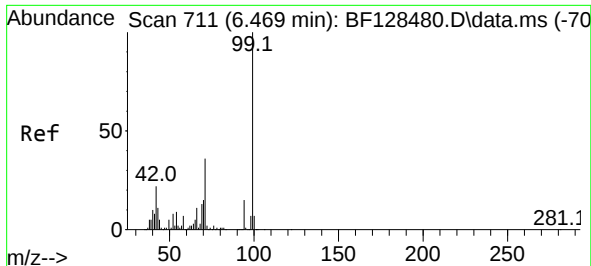
Tgt Ion:152 Resp: 219315  
Ion Ratio Lower Upper  
152 100  
150 156.0 123.7 185.5  
115 58.7 49.9 74.9



#5  
2-Fluorophenol  
Concen: 111.949 ng  
RT: 5.457 min Scan# 539  
Delta R.T. 0.006 min  
Lab File: BF128510.D  
Acq: 27 May 2022 15:11

Tgt Ion:112 Resp: 1482255  
Ion Ratio Lower Upper  
112 100  
64 68.0 53.3 79.9  
63 36.0 28.0 42.0

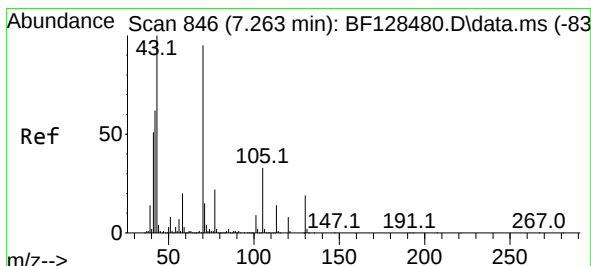
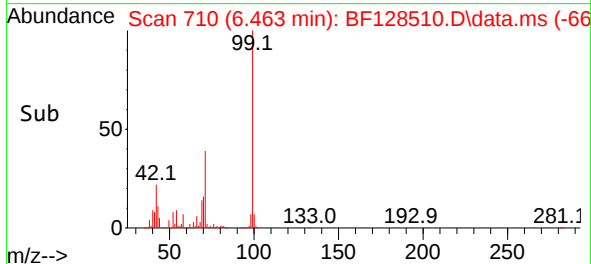
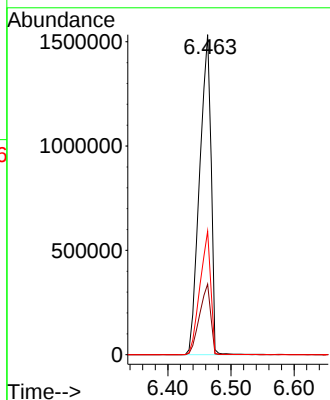
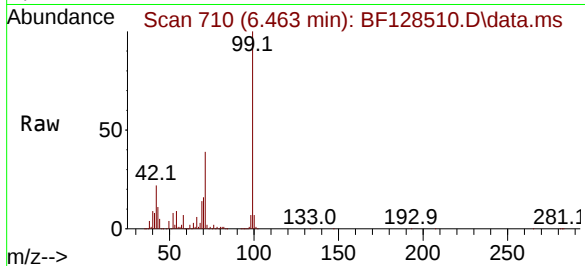




#7  
Phenol-d6  
Concen: 114.290 ng  
RT: 6.463 min Scan# 711  
Delta R.T. -0.006 min  
Lab File: BF128510.D  
Acq: 27 May 2022 15:11

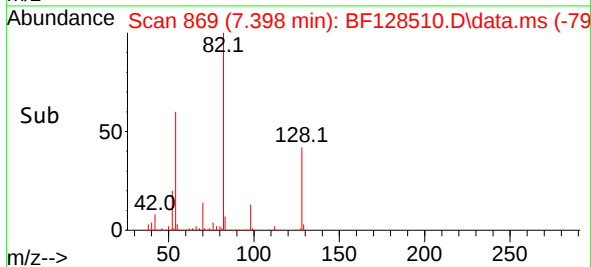
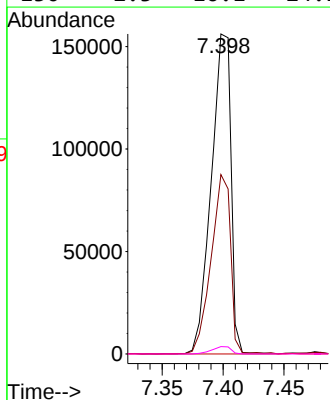
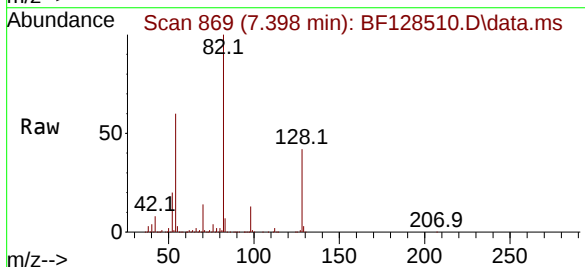
Instrument :  
BNA\_F  
ClientSampleId :  
P024-SS001-0006-01

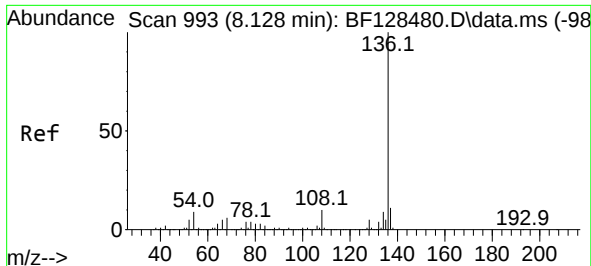
Tgt Ion: 99 Resp: 1929439  
Ion Ratio Lower Upper  
99 100  
42 22.1 17.3 25.9  
71 38.6 28.9 43.3



#19  
n-Nitroso-di-n-propylamine  
Concen: 17.008 ng  
RT: 7.398 min Scan# 869  
Delta R.T. 0.135 min  
Lab File: BF128510.D  
Acq: 27 May 2022 15:11

Tgt Ion: 70 Resp: 176050  
Ion Ratio Lower Upper  
70 100  
42 56.0 52.3 78.5  
101 0.0 7.5 11.3#  
130 2.3 16.1 24.1#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.116 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF128510.D

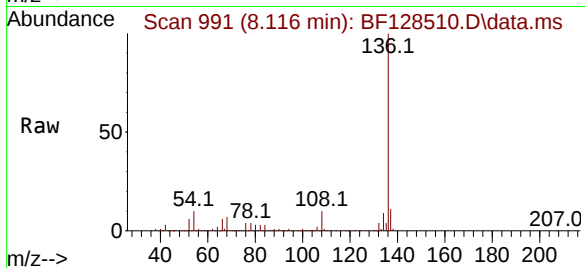
Acq: 27 May 2022 15:11

Instrument :

BNA\_F

ClientSampleId :

P024-SS001-0006-01



Tgt Ion:136 Resp: 859604

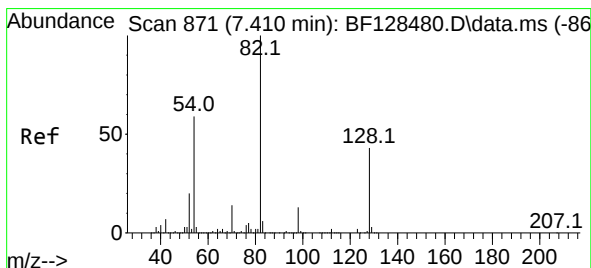
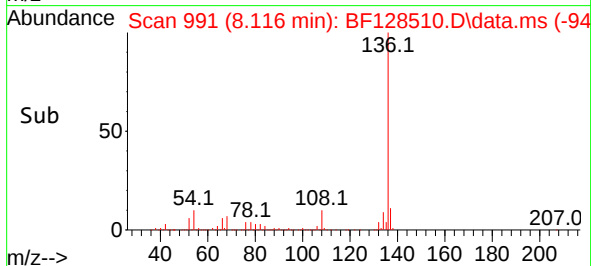
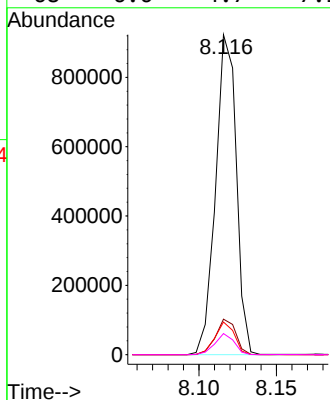
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 10.2 7.5 11.3

68 6.6 4.7 7.1



#23

Nitrobenzene-d5

Concen: 87.853 ng

RT: 7.404 min Scan# 870

Delta R.T. -0.006 min

Lab File: BF128510.D

Acq: 27 May 2022 15:11

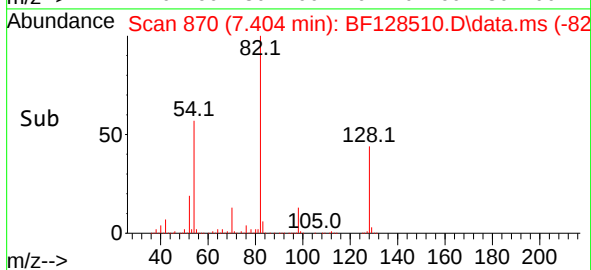
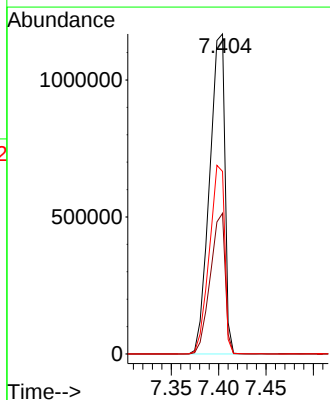
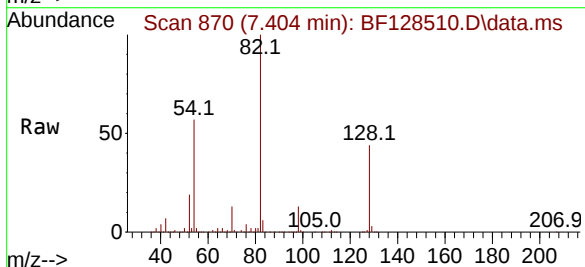
Tgt Ion: 82 Resp: 1309084

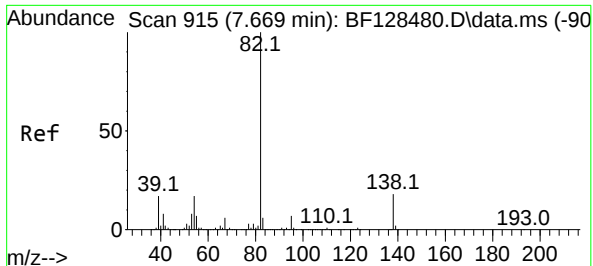
Ion Ratio Lower Upper

82 100

128 43.9 34.0 51.0

54 57.1 46.9 70.3

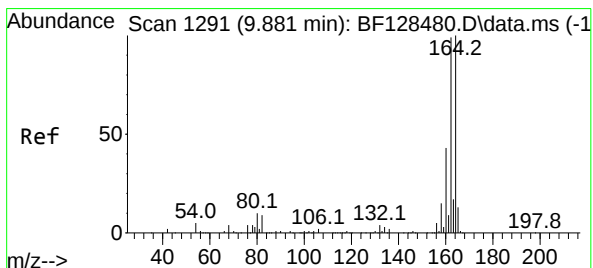
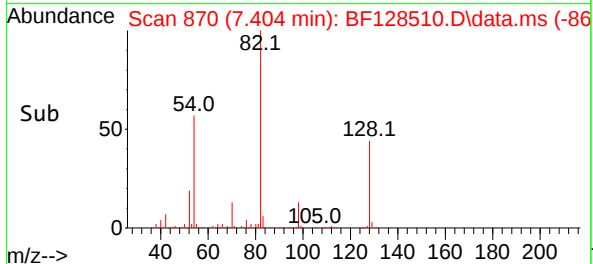
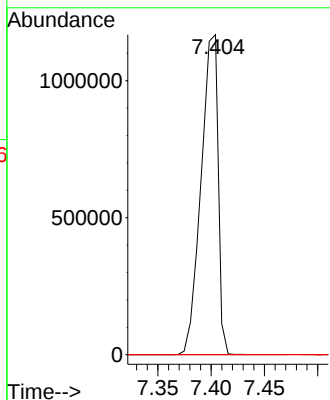
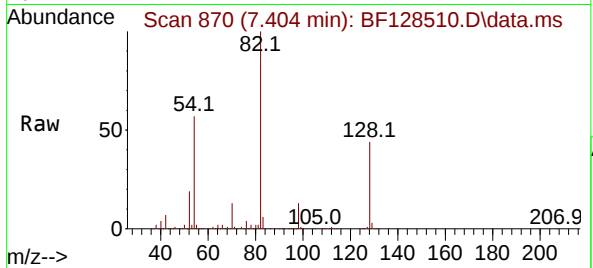




#25  
Isophorone  
Concen: 47.528 ng  
RT: 7.404 min Scan# 81  
Delta R.T. -0.265 min  
Lab File: BF128510.D  
Acq: 27 May 2022 15:11

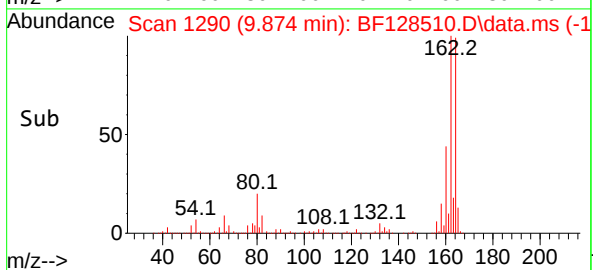
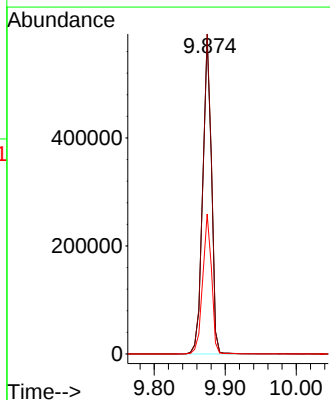
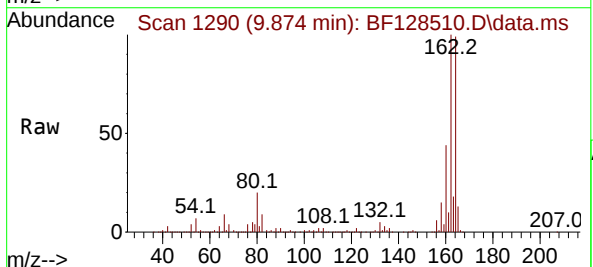
Instrument :  
BNA\_F  
ClientSampleId :  
P024-SS001-0006-01

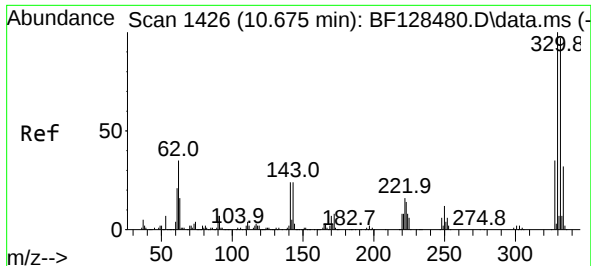
Tgt Ion: 82 Resp: 1306452  
Ion Ratio Lower Upper  
82 100  
95 0.0 5.7 8.5#  
138 0.0 14.2 21.2#



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.874 min Scan# 1290  
Delta R.T. -0.007 min  
Lab File: BF128510.D  
Acq: 27 May 2022 15:11

Tgt Ion:164 Resp: 504235  
Ion Ratio Lower Upper  
164 100  
162 101.4 79.5 119.3  
160 44.3 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 120.645 ng

RT: 10.669 min Scan# 1425

Delta R.T. -0.006 min

Lab File: BF128510.D

Acq: 27 May 2022 15:11

Instrument :

BNA\_F

ClientSampleId :

P024-SS001-0006-01

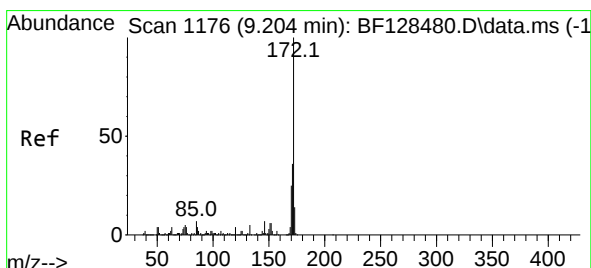
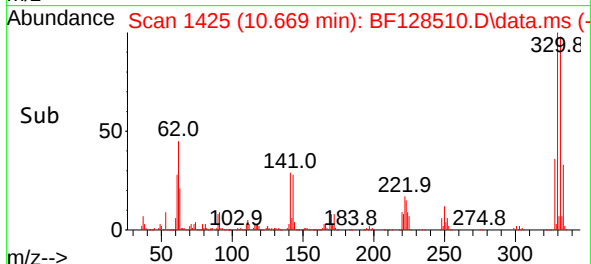
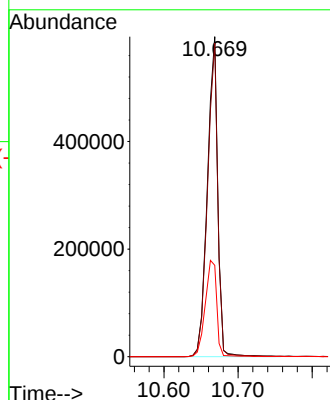
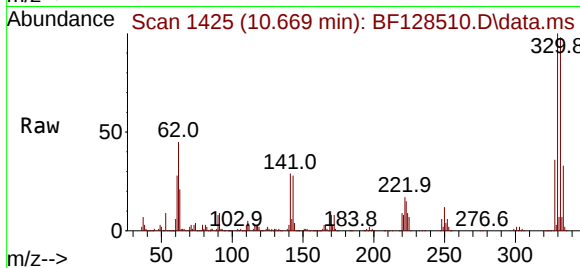
Tgt Ion:330 Resp: 579031

Ion Ratio Lower Upper

330 100

332 97.0 76.8 115.2

141 33.4 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 78.755 ng

RT: 9.198 min Scan# 1175

Delta R.T. -0.006 min

Lab File: BF128510.D

Acq: 27 May 2022 15:11

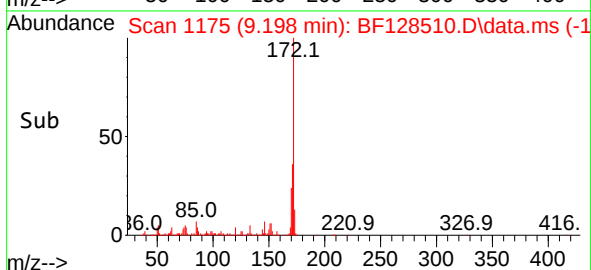
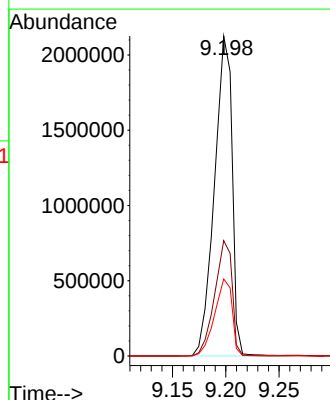
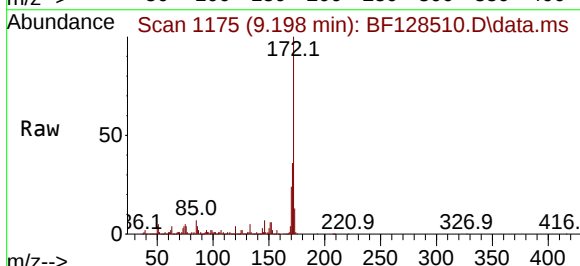
Tgt Ion:172 Resp: 2444293

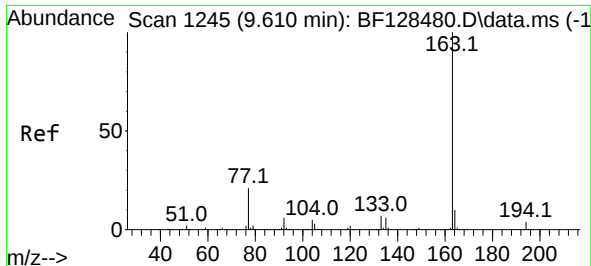
Ion Ratio Lower Upper

172 100

171 36.1 28.8 43.2

170 24.0 19.8 29.8

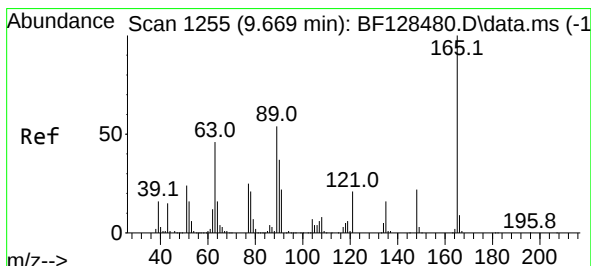
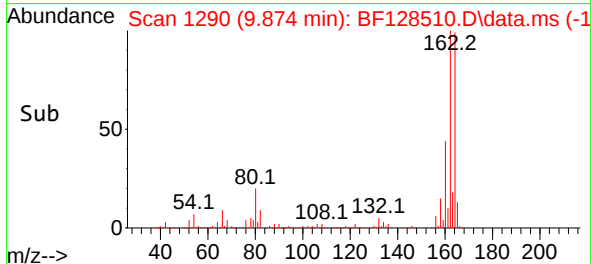
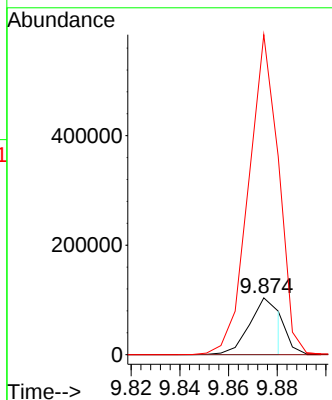
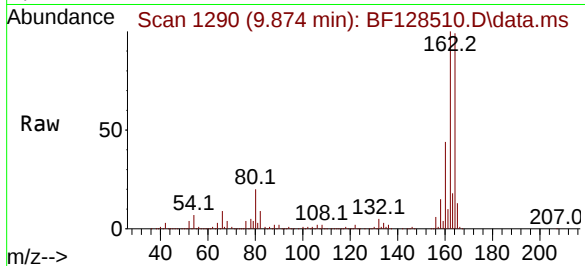




#50  
Dimethylphthalate  
Concen: 2.759 ng  
RT: 9.874 min Scan# 1290  
Delta R.T. 0.264 min  
Lab File: BF128510.D  
Acq: 27 May 2022 15:11

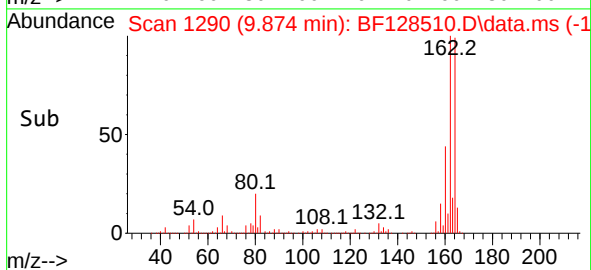
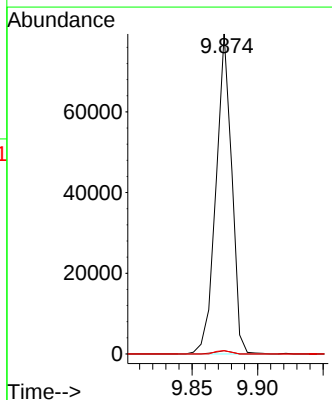
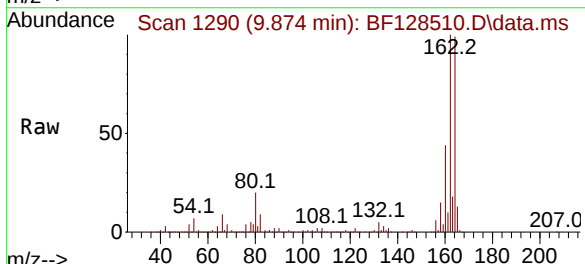
Instrument :  
BNA\_F  
ClientSampleId :  
P024-SS001-0006-01

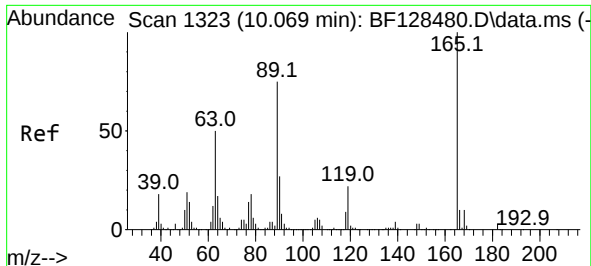
Tgt Ion:163 Resp: 90226  
Ion Ratio Lower Upper  
163 100  
194 0.0 3.2 4.8#  
164 562.9 8.2 12.2#



#51  
2,6-Dinitrotoluene  
Concen: 11.033 ng  
RT: 9.874 min Scan# 1290  
Delta R.T. 0.206 min  
Lab File: BF128510.D  
Acq: 27 May 2022 15:11

Tgt Ion:165 Resp: 66135  
Ion Ratio Lower Upper  
165 100  
63 1.0 44.9 67.3#  
89 1.1 43.6 65.4#

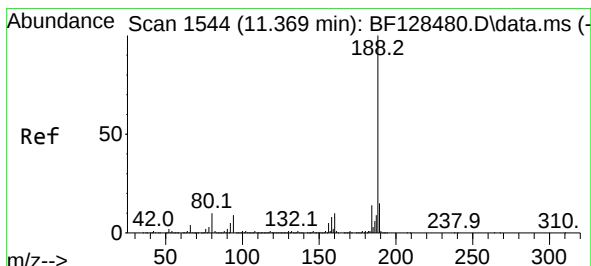
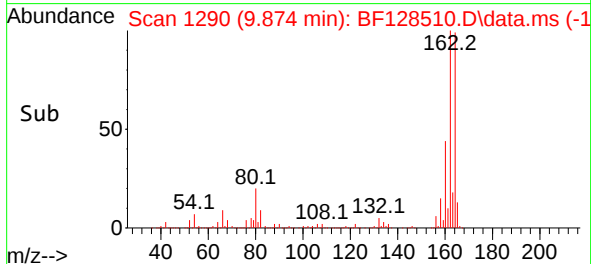
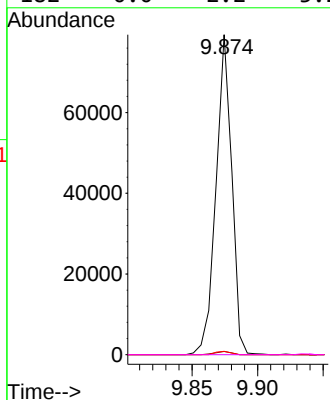
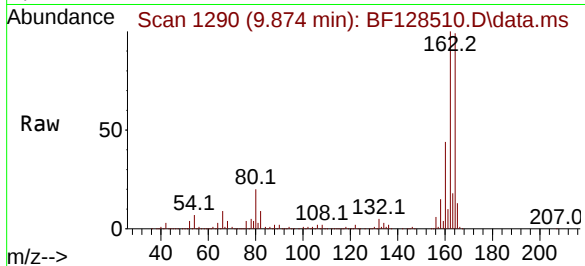




#57  
2,4-Dinitrotoluene  
Concen: 9.222 ng  
RT: 9.874 min Scan# 11  
Delta R.T. -0.194 min  
Lab File: BF128510.D  
Acq: 27 May 2022 15:11

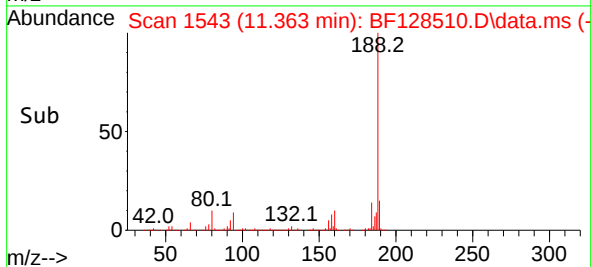
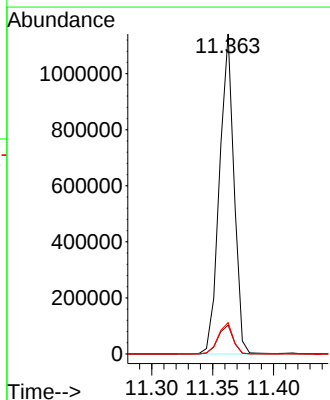
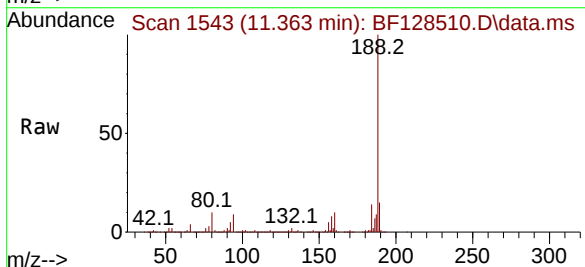
Instrument :  
BNA\_F  
ClientSampleId :  
P024-SS001-0006-01

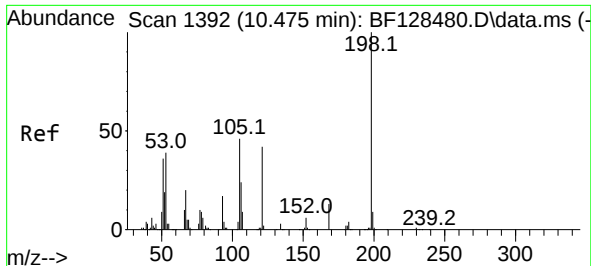
Tgt Ion:165 Resp: 66135  
Ion Ratio Lower Upper  
165 100  
63 1.0 39.8 59.6#  
89 1.1 60.2 90.2#  
182 0.0 2.2 3.2#



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.363 min Scan# 1543  
Delta R.T. -0.006 min  
Lab File: BF128510.D  
Acq: 27 May 2022 15:11

Tgt Ion:188 Resp: 949268  
Ion Ratio Lower Upper  
188 100  
94 9.0 7.0 10.6  
80 9.8 7.6 11.4

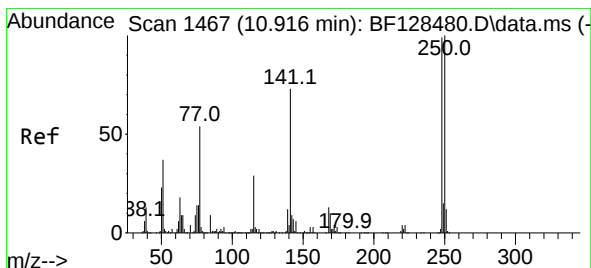
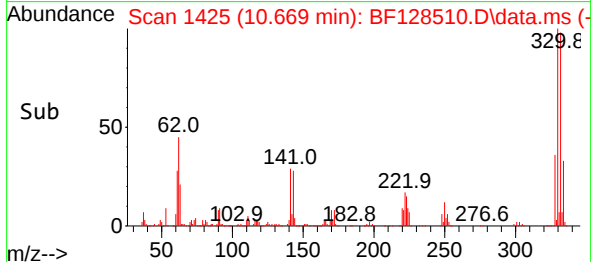
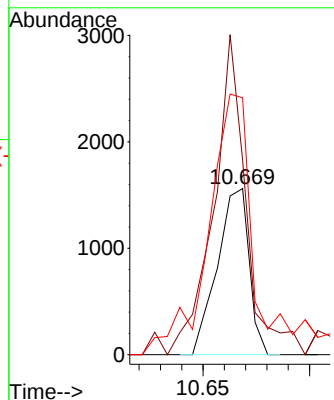
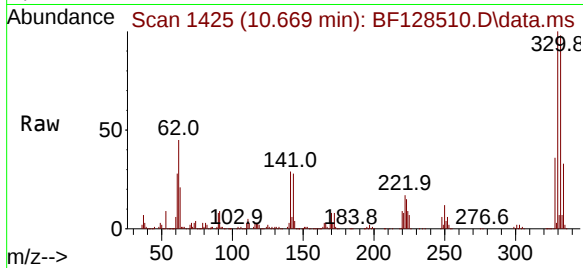




#65  
4,6-Dinitro-2-methylphenol  
Concen: 5.829 ng  
RT: 10.669 min Scan# 1425  
Delta R.T. 0.194 min  
Lab File: BF128510.D  
Acq: 27 May 2022 15:11

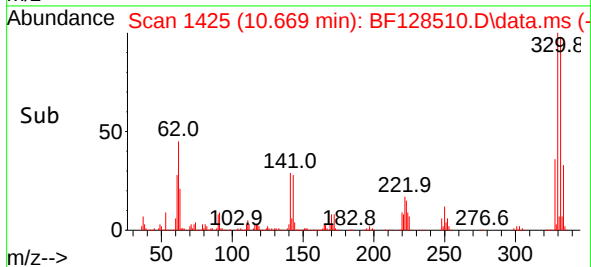
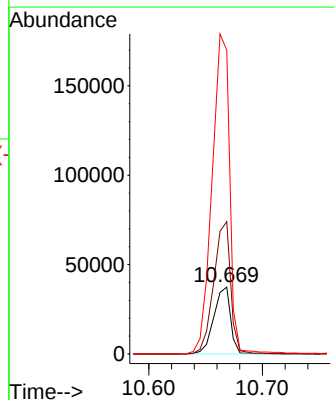
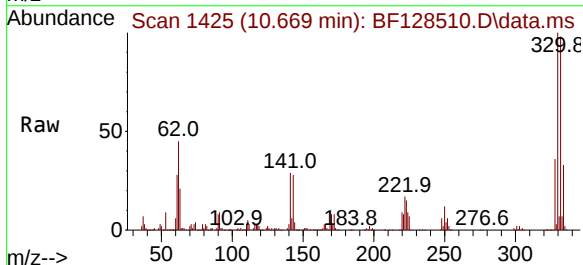
Instrument :  
BNA\_F  
ClientSampleId :  
P024-SS001-0006-01

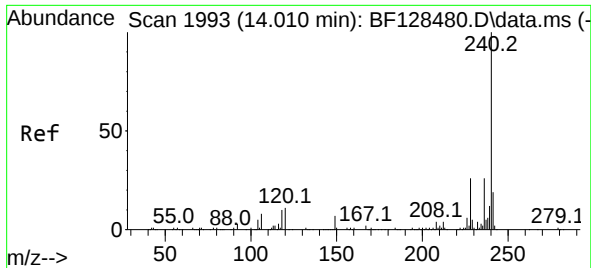
Tgt Ion:198 Resp: 1618  
Ion Ratio Lower Upper  
198 100  
51 117.2 37.6 77.6#  
105 154.8 27.0 67.0#



#67  
4-Bromophenyl-phenylether  
Concen: 3.907 ng  
RT: 10.669 min Scan# 1425  
Delta R.T. -0.247 min  
Lab File: BF128510.D  
Acq: 27 May 2022 15:11

Tgt Ion:248 Resp: 38315  
Ion Ratio Lower Upper  
248 100  
250 197.9 80.6 120.8#  
141 453.9 58.9 88.3#

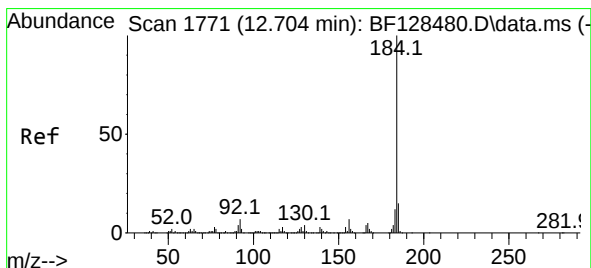
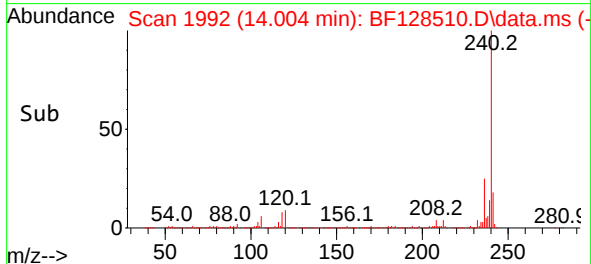
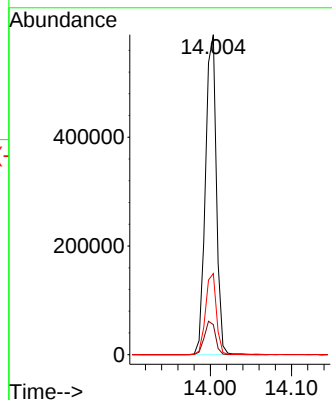
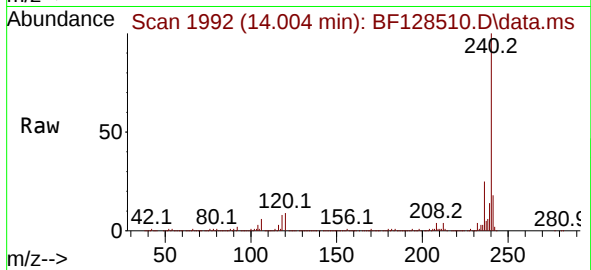




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.004 min Scan# 1814  
Delta R.T. -0.006 min  
Lab File: BF128510.D  
Acq: 27 May 2022 15:11

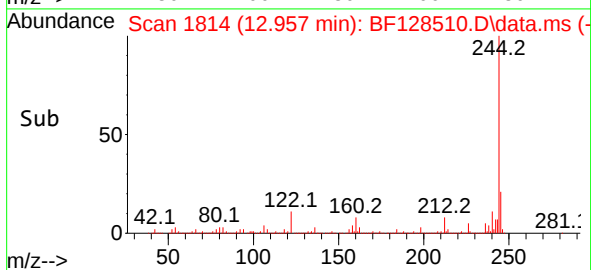
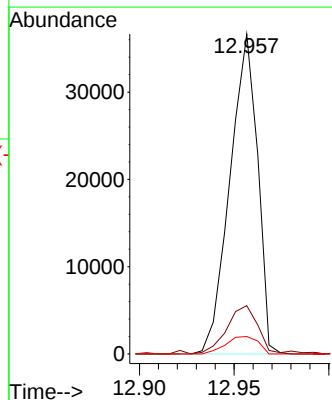
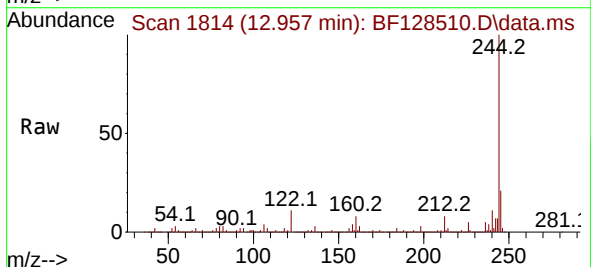
Instrument :  
BNA\_F  
ClientSampleId :  
P024-SS001-0006-01

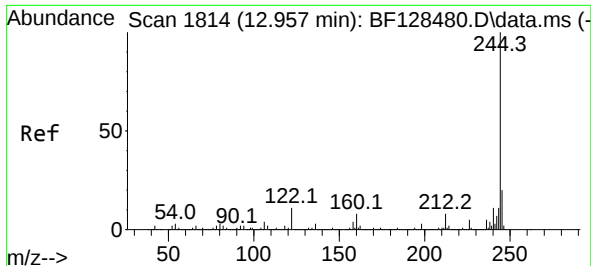
Tgt Ion:240 Resp: 549205  
Ion Ratio Lower Upper  
240 100  
120 9.4 8.9 13.3  
236 25.4 20.8 31.2



#77  
Benzidine  
Concen: 2.937 ng  
RT: 12.957 min Scan# 1814  
Delta R.T. 0.253 min  
Lab File: BF128510.D  
Acq: 27 May 2022 15:11

Tgt Ion:184 Resp: 37203  
Ion Ratio Lower Upper  
184 100  
185 15.1 11.9 17.9  
183 5.5 9.3 13.9#

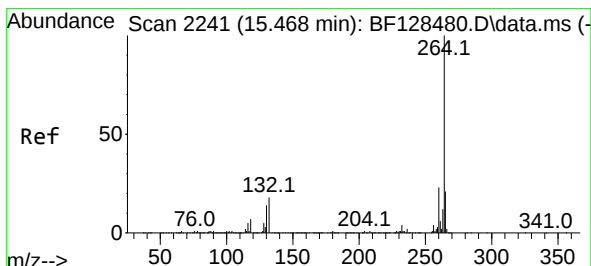
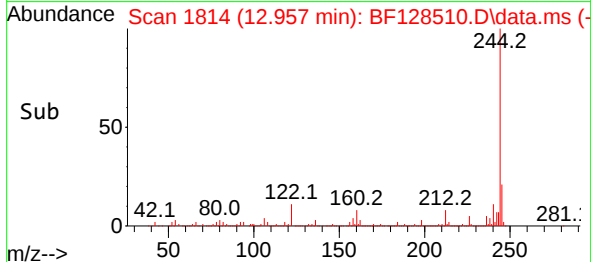
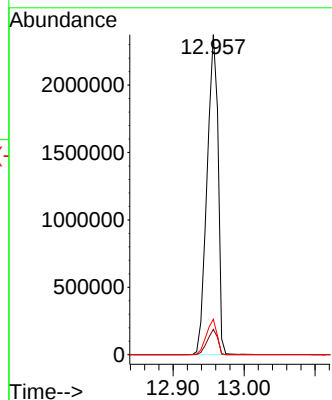
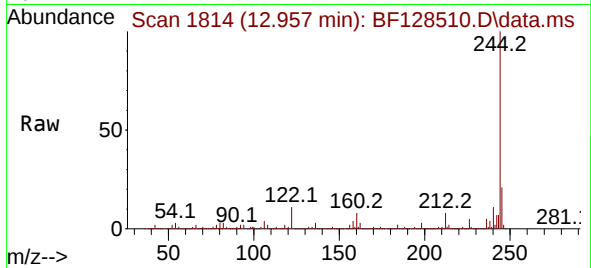




#79  
 Terphenyl-d14  
 Concen: 90.282 ng  
 RT: 12.957 min Scan# 1814  
 Delta R.T. -0.000 min  
 Lab File: BF128510.D  
 Acq: 27 May 2022 15:11

Instrument :  
 BNA\_F  
 ClientSampleId :  
 P024-SS001-0006-01

Tgt Ion:244 Resp: 2566475  
 Ion Ratio Lower Upper  
 244 100  
 212 7.9 6.1 9.1  
 122 11.1 8.8 13.2



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.468 min Scan# 2241  
 Delta R.T. -0.000 min  
 Lab File: BF128510.D  
 Acq: 27 May 2022 15:11

Tgt Ion:264 Resp: 423510  
 Ion Ratio Lower Upper  
 264 100  
 260 25.1 18.4 27.6  
 265 21.6 17.2 25.8

