

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF060122\  
 Data File : BF128625.D  
 Acq On : 01 Jun 2022 16:25  
 Operator : CG\JU  
 Sample : N2953-10  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 P044-SS001-1824-01

Quant Time: Jun 02 09:36:38 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

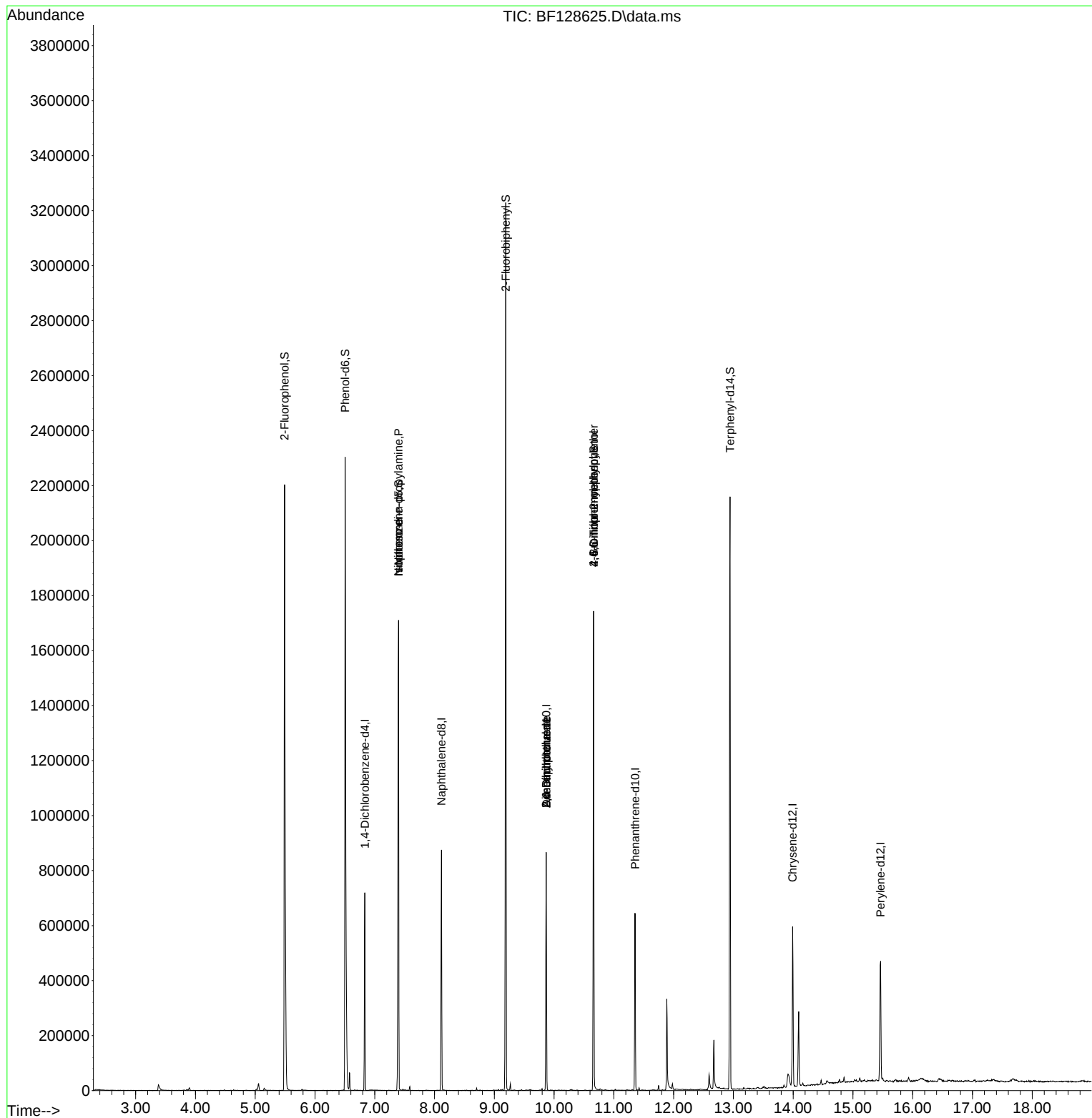
| Compound                      | R.T.   | QIon | Response | Conc      | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-----------|-------|----------|
| -----                         |        |      |          |           |       |          |
| Internal Standards            |        |      |          |           |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.834  | 152  | 86055    | 20.000    | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.116  | 136  | 333427   | 20.000    | ng    | -0.01    |
| 39) Acenaphthene-d10          | 9.869  | 164  | 155127   | 20.000    | ng    | -0.01    |
| 64) Phenanthrene-d10          | 11.357 | 188  | 250486   | 20.000    | ng    | #-0.01   |
| 76) Chrysene-d12              | 13.992 | 240  | 191931   | 20.000    | ng    | #-0.02   |
| 86) Perylene-d12              | 15.463 | 264  | 202921   | 20.000    | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |           |       |          |
| 5) 2-Fluorophenol             | 5.493  | 112  | 611921   | 117.784   | ng    | 0.04     |
| 7) Phenol-d6                  | 6.504  | 99   | 767209   | 115.820   | ng    | 0.04     |
| 23) Nitrobenzene-d5           | 7.398  | 82   | 534278   | 92.439    | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol      | 10.663 | 330  | 186180   | 126.092   | ng    | -0.01    |
| 45) 2-Fluorobiphenyl          | 9.192  | 172  | 883029   | 92.480    | ng    | -0.01    |
| 79) Terphenyl-d14             | 12.945 | 244  | 733648   | 73.848    | ng    | -0.01    |
| Target Compounds              |        |      |          |           |       |          |
|                               |        |      |          |           |       | Qvalue   |
| 9) Benzaldehyde               | 6.375  | 77   | 54       | Below Cal | #     | 1        |
| 19) n-Nitroso-di-n-propyla... | 7.398  | 70   | 76237    | 18.771    | ng    | # 77     |
| 25) Isophorone                | 7.398  | 82   | 533134   | 50.002    | ng    | # 65     |
| 50) Dimethylphthalate         | 9.869  | 163  | 27491    | 2.732     | ng    | # 1      |
| 51) 2,6-Dinitrotoluene        | 9.869  | 165  | 20405    | 11.065    | ng    | # 26     |
| 57) 2,4-Dinitrotoluene        | 9.869  | 165  | 20405    | 9.248     | ng    | # 21     |
| 65) 4,6-Dinitro-2-methylph... | 10.663 | 198  | 311      | 5.740     | ng    | # 1      |
| 67) 4-Bromophenyl-phenylether | 10.663 | 248  | 11915    | 4.604     | ng    | # 1      |
| -----                         |        |      |          |           |       |          |

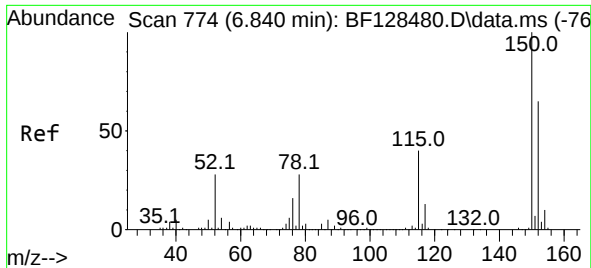
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF060122\  
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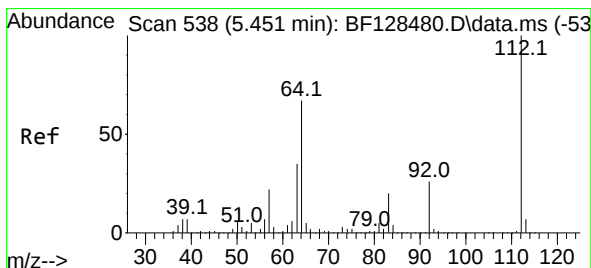
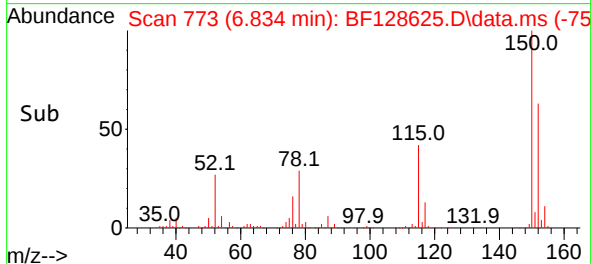
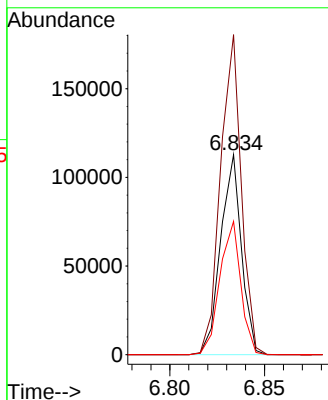
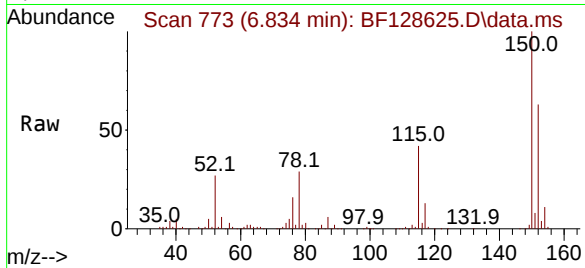




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.834 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BF128625.D  
Acq: 01 Jun 2022 16:25

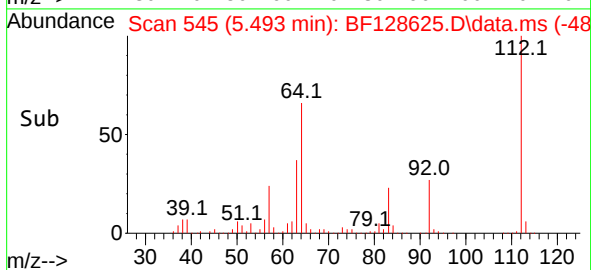
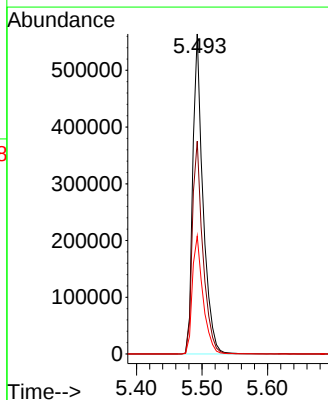
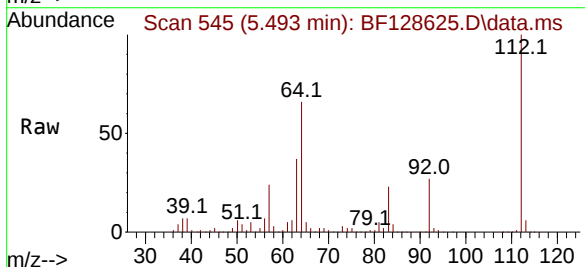
Instrument :  
BNA\_F  
ClientSampleId :  
P044-SS001-1824-01

Tgt Ion:152 Resp: 86055  
Ion Ratio Lower Upper  
152 100  
150 160.0 123.7 185.5  
115 66.7 49.9 74.9



#5  
2-Fluorophenol  
Concen: 117.784 ng  
RT: 5.493 min Scan# 545  
Delta R.T. 0.041 min  
Lab File: BF128625.D  
Acq: 01 Jun 2022 16:25

Tgt Ion:112 Resp: 611921  
Ion Ratio Lower Upper  
112 100  
64 66.5 53.3 79.9  
63 36.9 28.0 42.0

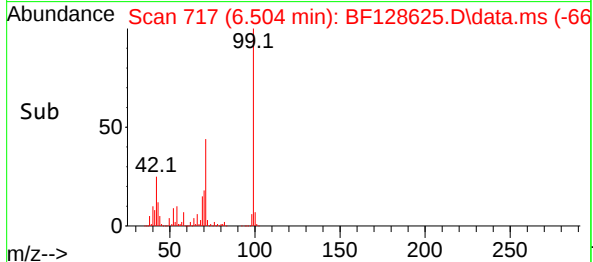
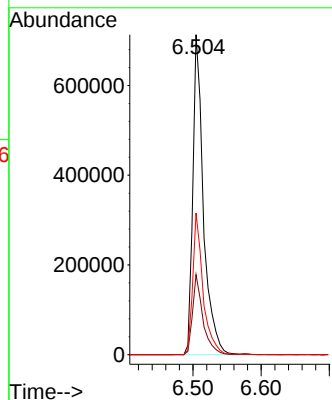
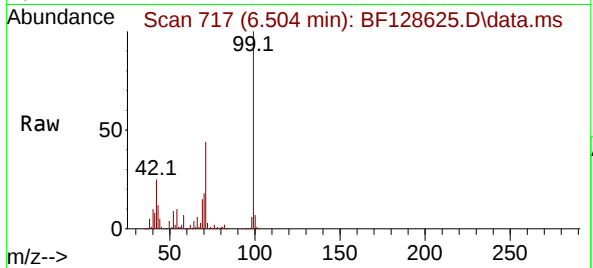




#7  
Phenol-d6  
Concen: 115.820 ng  
RT: 6.504 min Scan# 717  
Delta R.T. 0.035 min  
Lab File: BF128625.D  
Acq: 01 Jun 2022 16:25

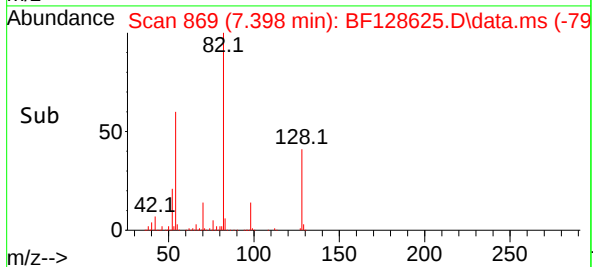
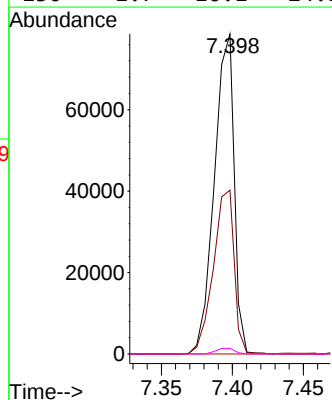
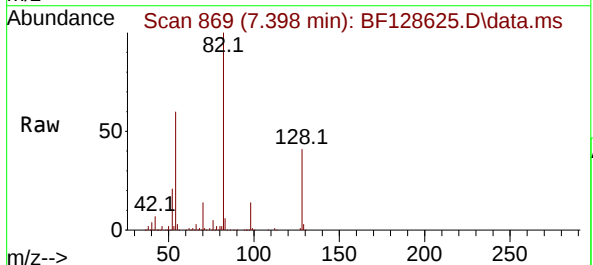
Instrument :  
BNA\_F  
ClientSampleId :  
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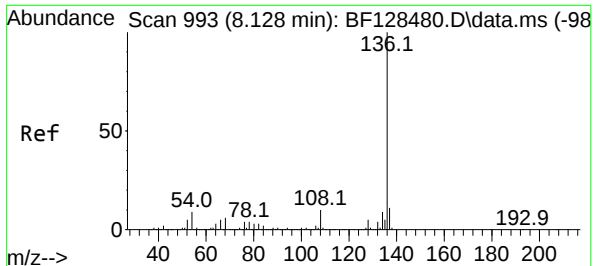
Tgt Ion: 99 Resp: 767209  
Ion Ratio Lower Upper  
99 100  
42 25.0 17.3 25.9  
71 44.3 28.9 43.3#



#19  
n-Nitroso-di-n-propylamine  
Concen: 18.771 ng  
RT: 7.398 min Scan# 869  
Delta R.T. 0.135 min  
Lab File: BF128625.D  
Acq: 01 Jun 2022 16:25

Tgt Ion: 70 Resp: 76237  
Ion Ratio Lower Upper  
70 100  
42 51.2 52.3 78.5#  
101 0.0 7.5 11.3#  
130 1.7 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: BF128625.D

Acq: 01 Jun 2022 16:25

Instrument :

BNA\_F

ClientSampleId :

P044-SS001-1824-01

Tgt Ion:136 Resp: 333427

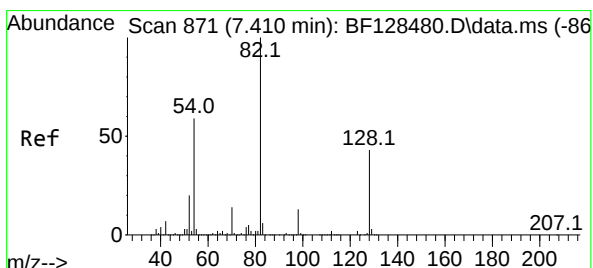
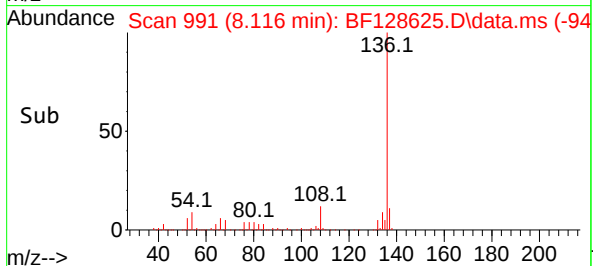
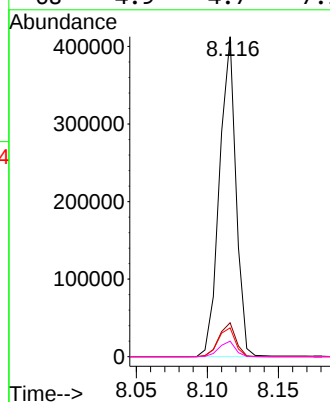
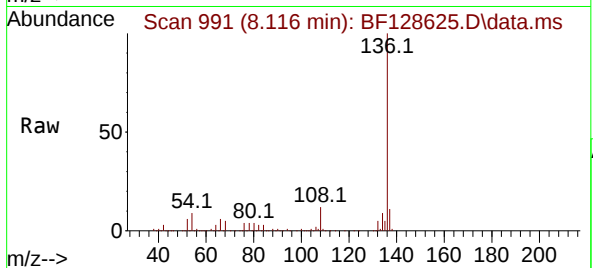
Ion Ratio Lower Upper

136 100

137 10.6 8.8 13.2

54 9.0 7.5 11.3

68 4.9 4.7 7.1



#23

Nitrobenzene-d5

Concen: 92.439 ng

RT: 7.398 min Scan# 869

Delta R.T. -0.012 min

Lab File: BF128625.D

Acq: 01 Jun 2022 16:25

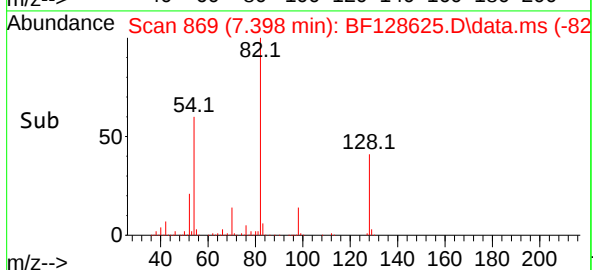
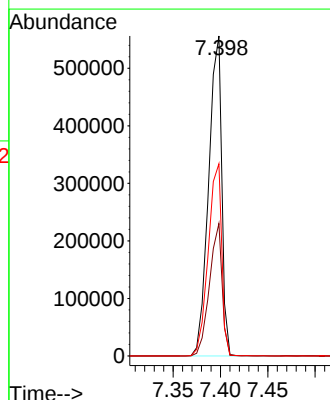
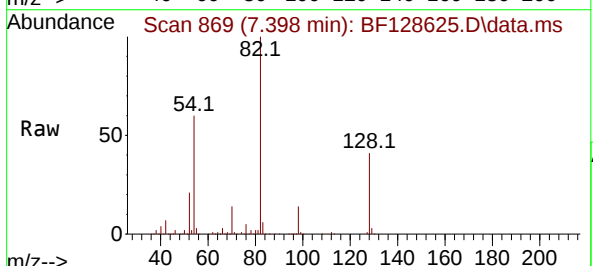
Tgt Ion: 82 Resp: 534278

Ion Ratio Lower Upper

82 100

128 41.4 34.0 51.0

54 60.0 46.9 70.3

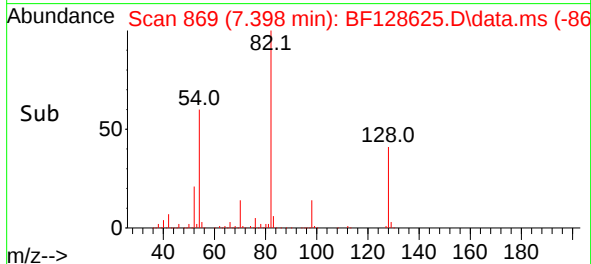
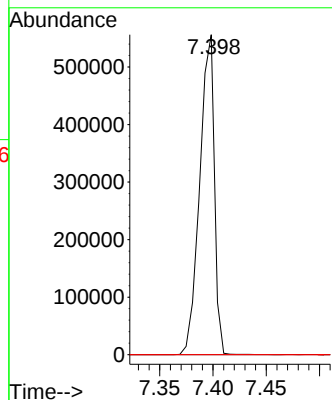
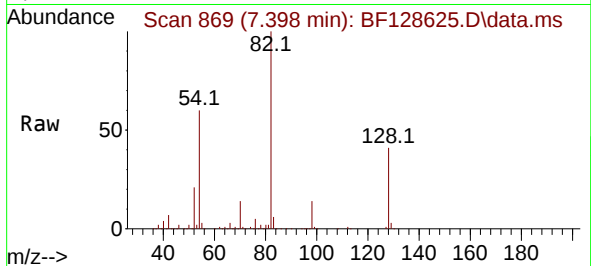




#25  
Isophorone  
Concen: 50.002 ng  
RT: 7.398 min Scan# 80  
Delta R.T. -0.271 min  
Lab File: BF128625.D  
Acq: 01 Jun 2022 16:25

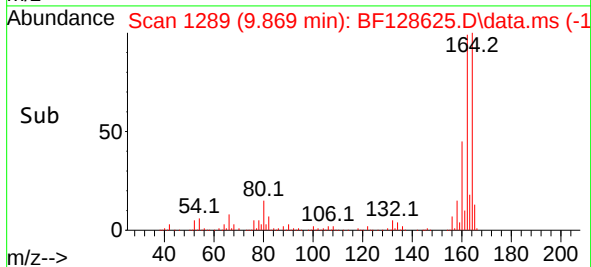
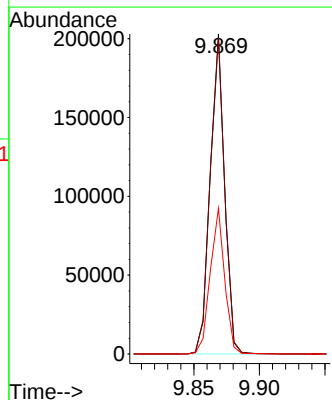
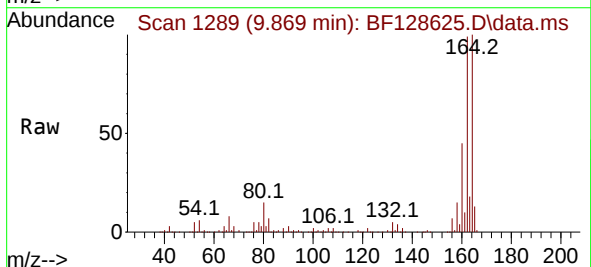
Instrument :  
BNA\_F  
ClientSampleId :  
P044-SS001-1824-01

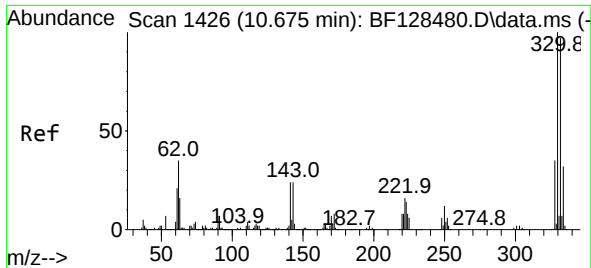
Tgt Ion: 82 Resp: 533134  
Ion Ratio Lower Upper  
82 100  
95 0.0 5.7 8.5#  
138 0.0 14.2 21.2#



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.869 min Scan# 1289  
Delta R.T. -0.012 min  
Lab File: BF128625.D  
Acq: 01 Jun 2022 16:25

Tgt Ion:164 Resp: 155127  
Ion Ratio Lower Upper  
164 100  
162 98.6 79.5 119.3  
160 45.5 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 126.092 ng

RT: 10.663 min Scan# 1424

Delta R.T. -0.012 min

Lab File: BF128625.D

Acq: 01 Jun 2022 16:25

Instrument :

BNA\_F

ClientSampleId :

P044-SS001-1824-01

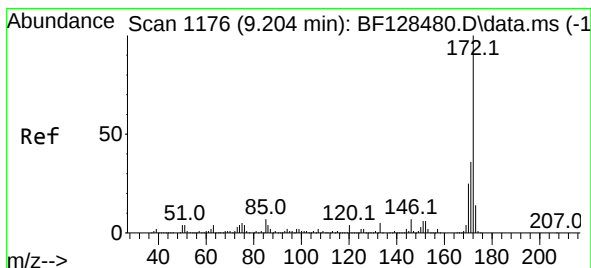
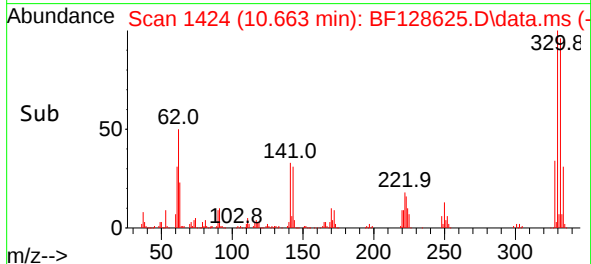
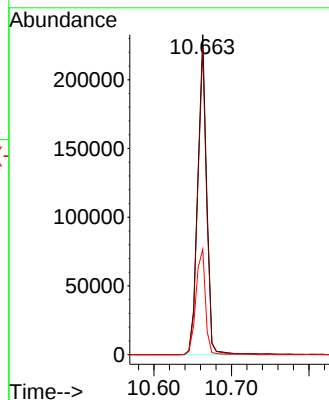
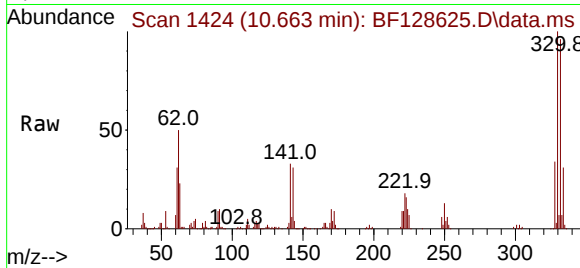
Tgt Ion:330 Resp: 186180

Ion Ratio Lower Upper

330 100

332 95.3 76.8 115.2

141 35.1 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 92.480 ng

RT: 9.192 min Scan# 1174

Delta R.T. -0.012 min

Lab File: BF128625.D

Acq: 01 Jun 2022 16:25

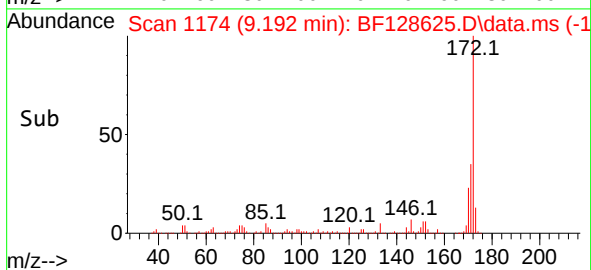
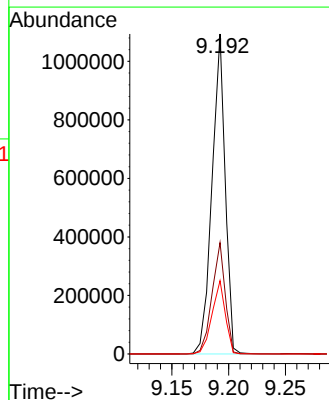
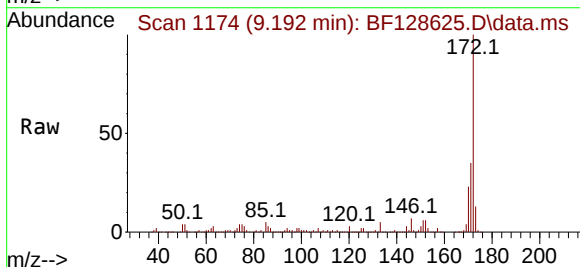
Tgt Ion:172 Resp: 883029

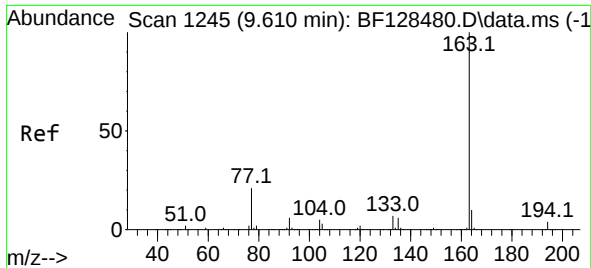
Ion Ratio Lower Upper

172 100

171 34.8 28.8 43.2

170 22.9 19.8 29.8

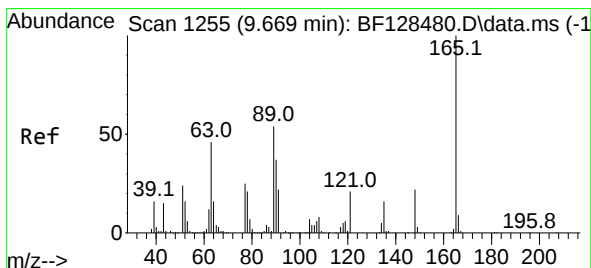
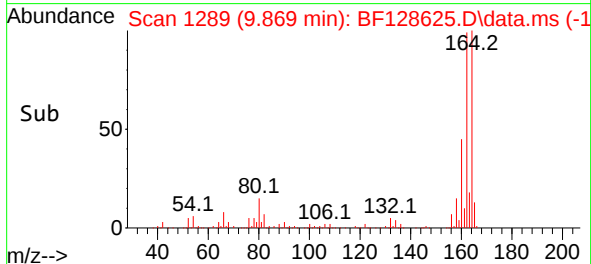
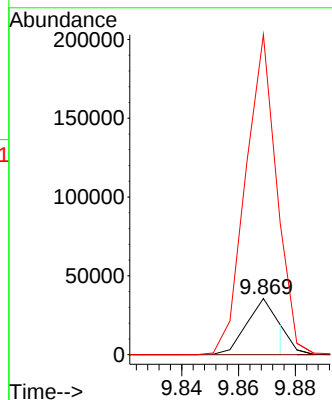
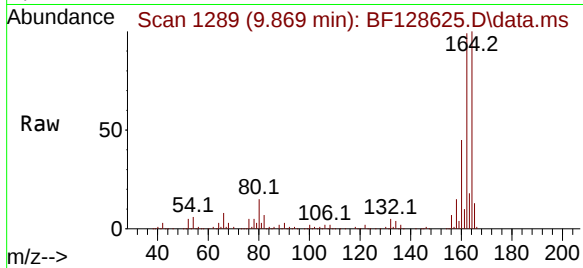




#50  
Dimethylphthalate  
Concen: 2.732 ng  
RT: 9.869 min Scan# 1289  
Delta R.T. 0.259 min  
Lab File: BF128625.D  
Acq: 01 Jun 2022 16:25

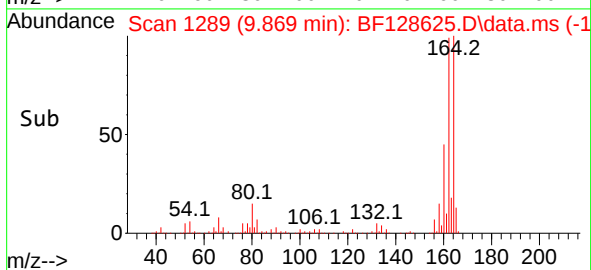
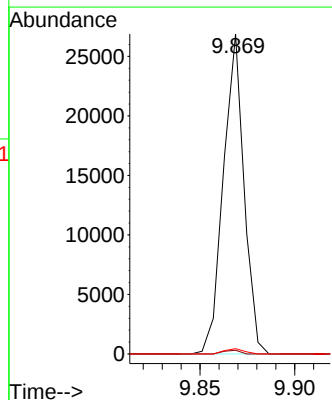
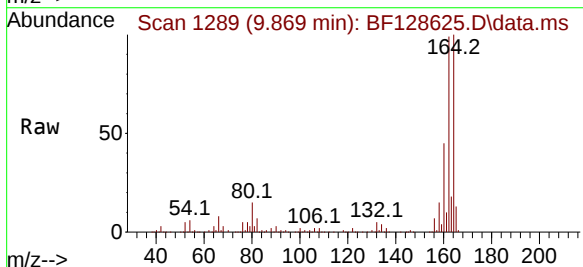
Instrument :  
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P044-SS001-1824-01

Tgt Ion:163 Resp: 27491  
Ion Ratio Lower Upper  
163 100  
194 0.0 3.2 4.8#  
164 569.7 8.2 12.2#



#51  
2,6-Dinitrotoluene  
Concen: 11.065 ng  
RT: 9.869 min Scan# 1289  
Delta R.T. 0.200 min  
Lab File: BF128625.D  
Acq: 01 Jun 2022 16:25

Tgt Ion:165 Resp: 20405  
Ion Ratio Lower Upper  
165 100  
63 1.2 44.9 67.3#  
89 1.6 43.6 65.4#

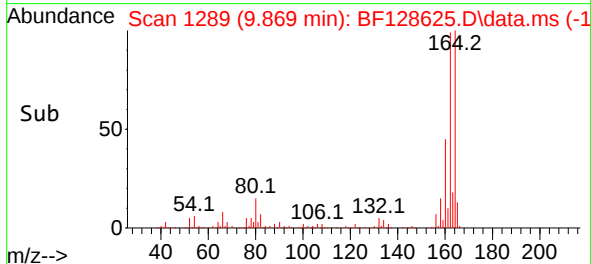
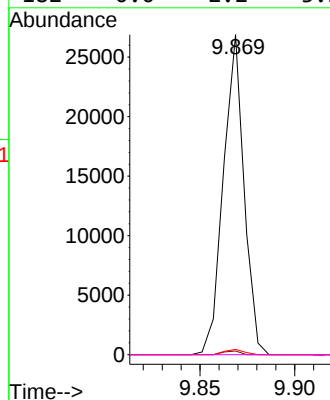
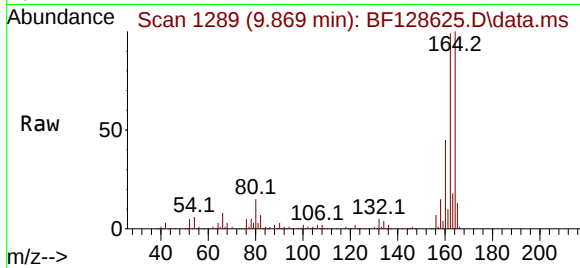




#57  
2,4-Dinitrotoluene  
Concen: 9.248 ng  
RT: 9.869 min Scan# 11  
Delta R.T. -0.200 min  
Lab File: BF128625.D  
Acq: 01 Jun 2022 16:25

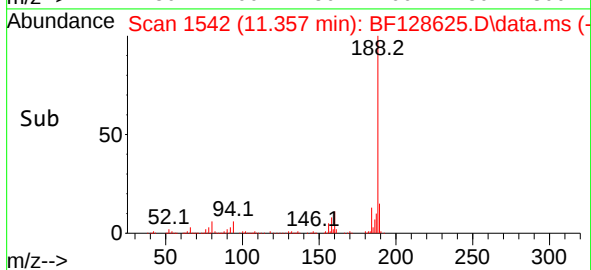
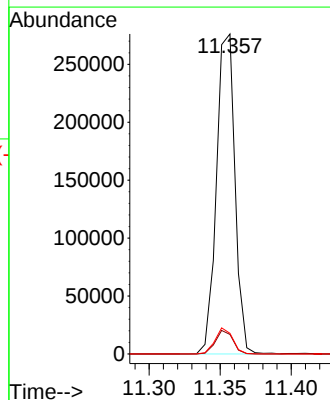
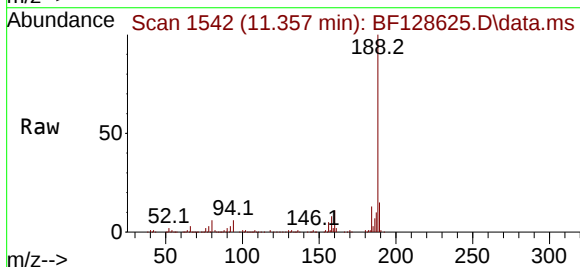
Instrument :  
BNA\_F  
ClientSampleId :  
P044-SS001-1824-01

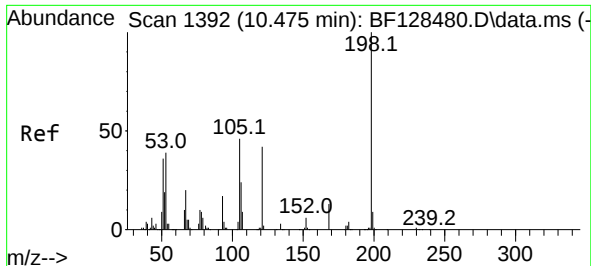
Tgt Ion:165 Resp: 20405  
Ion Ratio Lower Upper  
165 100  
63 1.2 39.8 59.6#  
89 1.6 60.2 90.2#  
182 0.0 2.2 3.2#



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.357 min Scan# 1542  
Delta R.T. -0.012 min  
Lab File: BF128625.D  
Acq: 01 Jun 2022 16:25

Tgt Ion:188 Resp: 250486  
Ion Ratio Lower Upper  
188 100  
94 6.1 7.0 10.6#  
80 6.5 7.6 11.4#





#65

4,6-Dinitro-2-methylphenol

Concen: 5.740 ng

RT: 10.663 min Scan# 1424

Delta R.T. 0.188 min

Lab File: BF128625.D

Acq: 01 Jun 2022 16:25

Instrument :

BNA\_F

ClientSampleId :

P044-SS001-1824-01

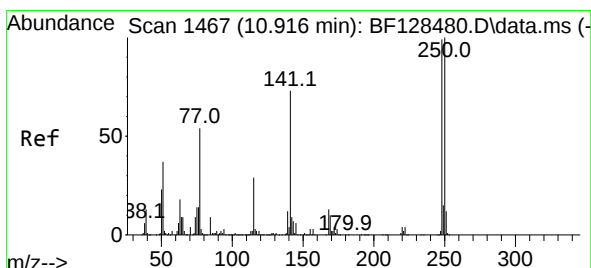
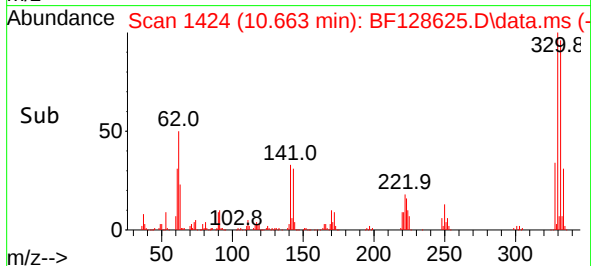
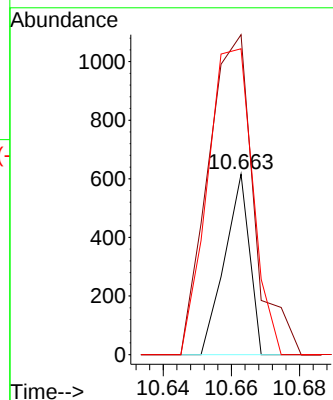
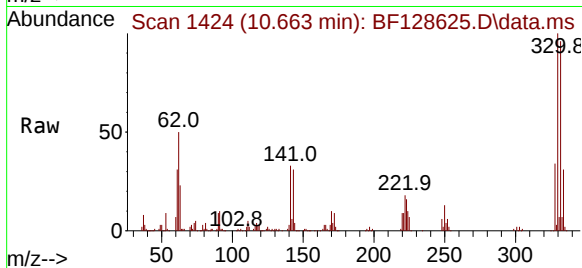
Tgt Ion:198 Resp: 311

Ion Ratio Lower Upper

198 100

51 177.3 37.6 77.6#

105 169.5 27.0 67.0#



#67

4-Bromophenyl-phenylether

Concen: 4.604 ng

RT: 10.663 min Scan# 1424

Delta R.T. -0.253 min

Lab File: BF128625.D

Acq: 01 Jun 2022 16:25

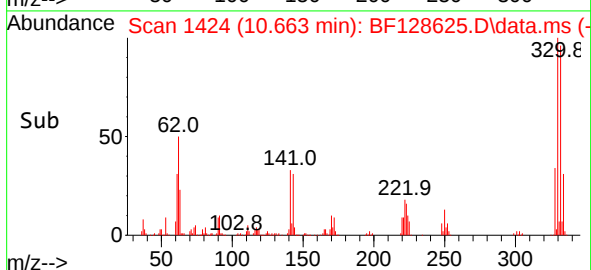
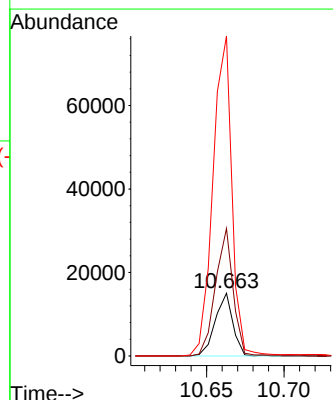
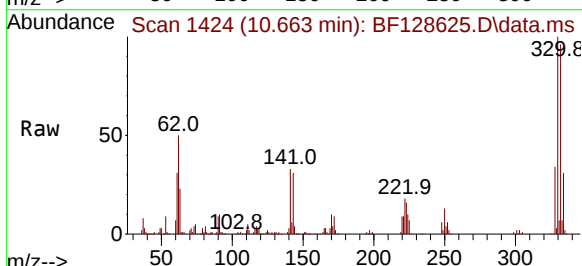
Tgt Ion:248 Resp: 11915

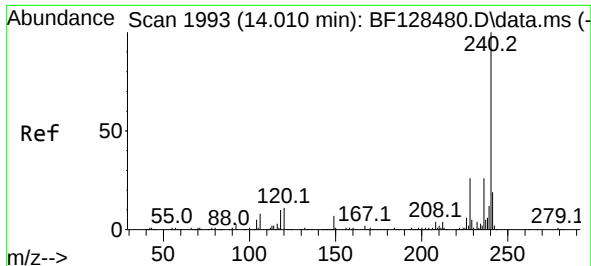
Ion Ratio Lower Upper

248 100

250 203.3 80.6 120.8#

141 510.1 58.9 88.3#

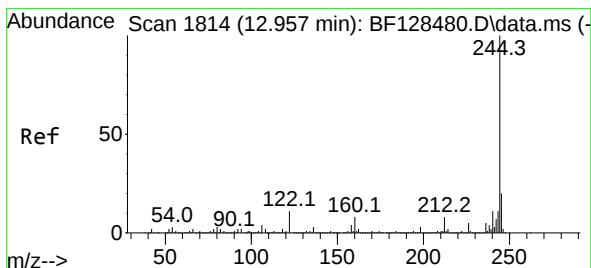
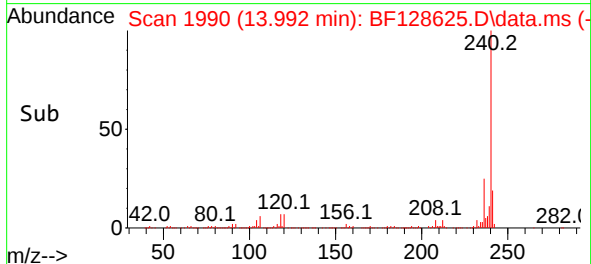
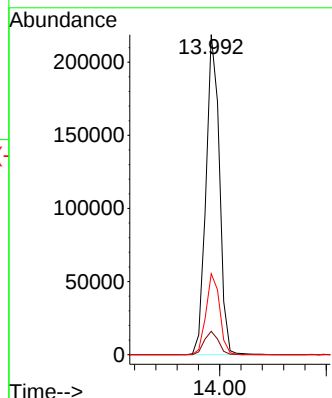
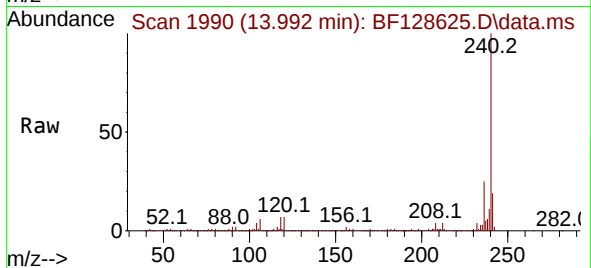




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.992 min Scan# 1990  
Delta R.T. -0.018 min  
Lab File: BF128625.D  
Acq: 01 Jun 2022 16:25

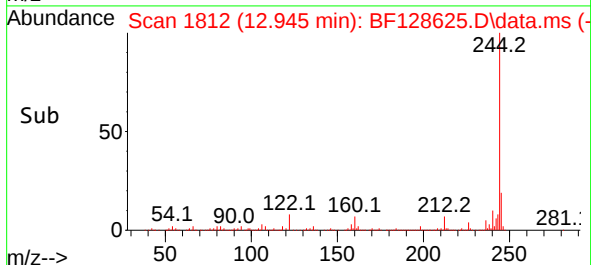
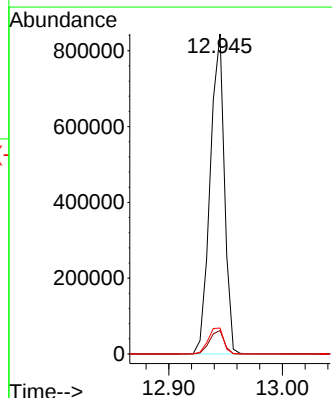
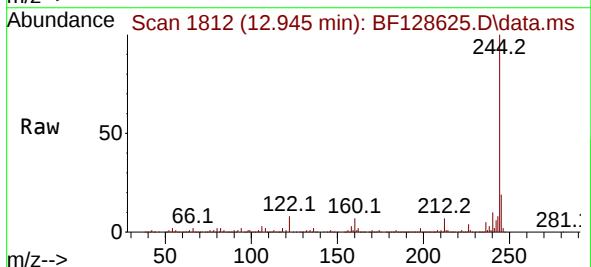
Instrument :  
BNA\_F  
ClientSampleId :  
P044-SS001-1824-01

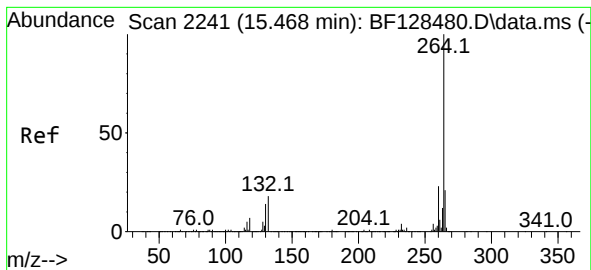
Tgt Ion:240 Resp: 191931  
Ion Ratio Lower Upper  
240 100  
120 7.3 8.9 13.3#  
236 25.3 20.8 31.2



#79  
Terphenyl-d14  
Concen: 73.848 ng  
RT: 12.945 min Scan# 1812  
Delta R.T. -0.012 min  
Lab File: BF128625.D  
Acq: 01 Jun 2022 16:25

Tgt Ion:244 Resp: 733648  
Ion Ratio Lower Upper  
244 100  
212 7.3 6.1 9.1  
122 8.1 8.8 13.2#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.463 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF128625.D

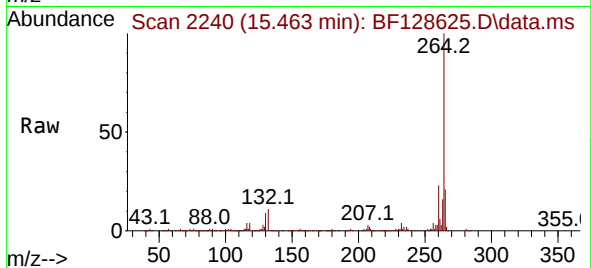
Acq: 01 Jun 2022 16:25

Instrument :

BNA\_F

ClientSampleId :

P044-SS001-1824-01



Tgt Ion:264 Resp: 202921

Ion Ratio Lower Upper

264 100

260 23.1 18.4 27.6

265 20.6 17.2 25.8

