

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF010322\  
 Data File : BF126448.D  
 Acq On : 3 Jan 2022 10:57  
 Operator : JU/CG  
 Sample : M5244-02 5X  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 CONC-1B

Quant Time: Jan 03 12:00:04 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF122921.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Dec 30 04:30:49 2021  
 Response via : Initial Calibration

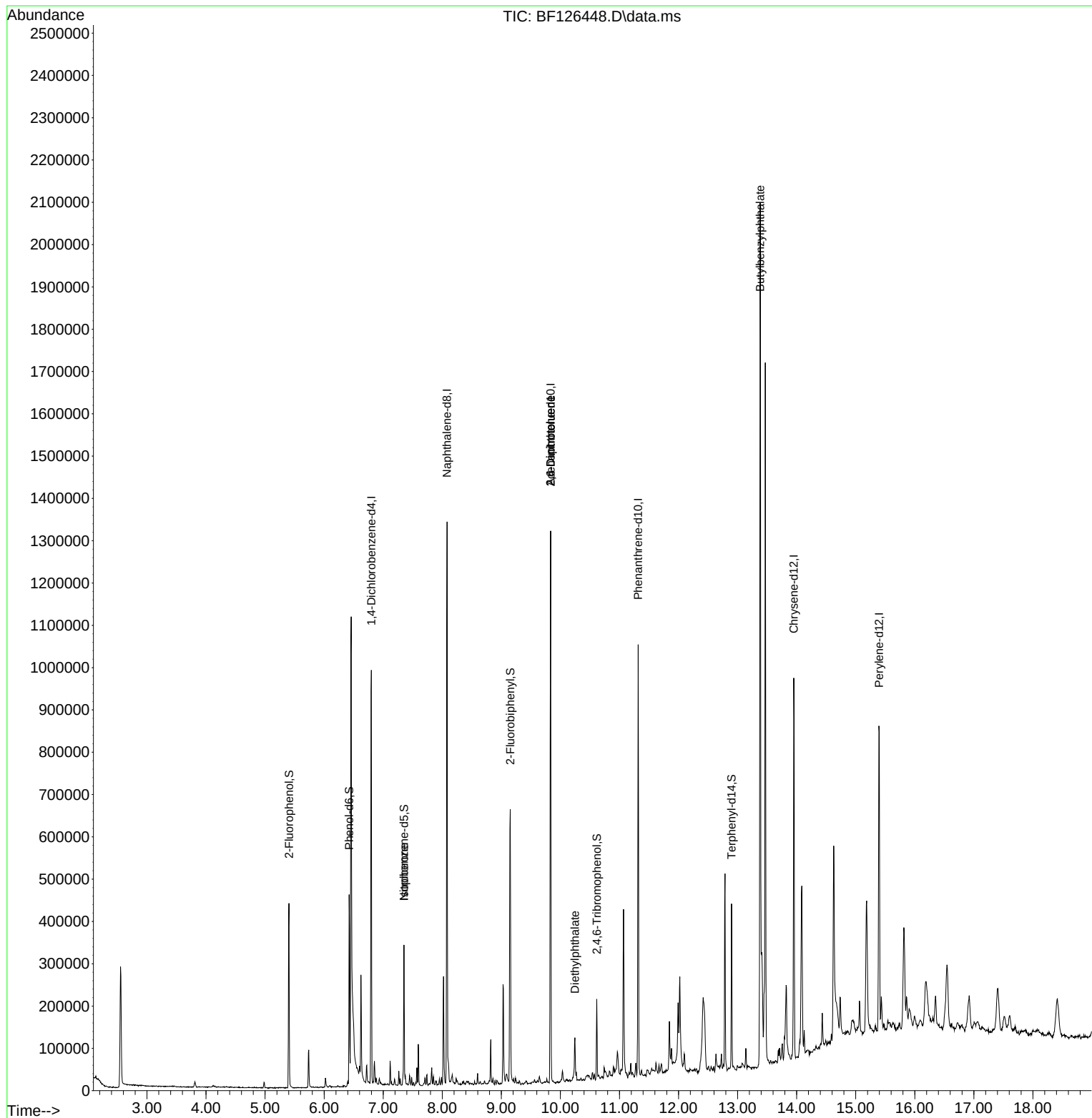
| Compound                    | R.T.   | QIon | Response | Conc      | Units | Dev(Min) |
|-----------------------------|--------|------|----------|-----------|-------|----------|
| -----                       |        |      |          |           |       |          |
| Internal Standards          |        |      |          |           |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.798  | 152  | 142317   | 20.000    | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.081  | 136  | 556384   | 20.000    | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.833  | 164  | 233302   | 20.000    | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.316 | 188  | 328649   | 20.000    | ng    | 0.00     |
| 76) Chrysene-d12            | 13.951 | 240  | 280026   | 20.000    | ng    | 0.00     |
| 86) Perylene-d12            | 15.398 | 264  | 295080   | 20.000    | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |           |       |          |
| 5) 2-Fluorophenol           | 5.404  | 112  | 126361   | 12.751    | ng    | 0.00     |
| 7) Phenol-d6                | 6.422  | 99   | 159165   | 12.400    | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.351  | 82   | 94481    | 8.719     | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 10.616 | 330  | 18014    | 9.992     | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.151  | 172  | 141888   | 10.702    | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.898 | 244  | 110009   | 7.633     | ng    | 0.00     |
| Target Compounds            |        |      |          |           |       |          |
|                             |        |      |          |           |       | Qvalue   |
| 25) Isophorone              | 7.351  | 82   | 94205    | 4.856     | ng    | # 69     |
| 51) 2,6-Dinitrotoluene      | 9.833  | 165  | 30364    | 9.654     | ng    | # 21     |
| 57) 2,4-Dinitrotoluene      | 9.833  | 165  | 30364    | 7.482     | ng    | # 15     |
| 60) Diethylphthalate        | 10.245 | 149  | 44101    | 3.142     | ng    | 96       |
| 77) Benzidine               | 12.498 | 184  | 149      | Below Cal |       | # 68     |
| 80) Butylbenzylphthalate    | 13.380 | 149  | 436479   | 41.624    | ng    | 96       |
| -----                       |        |      |          |           |       |          |

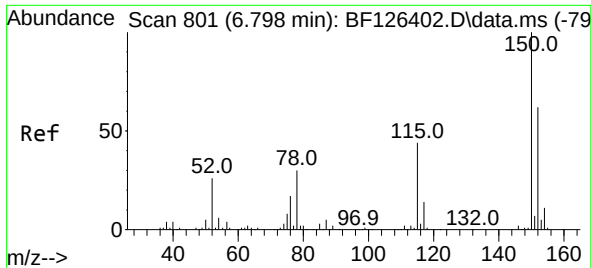
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF122921.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Dec 30 04:30:49 2021  
Response via : Initial Calibration

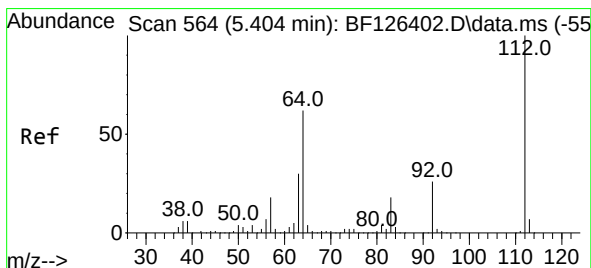
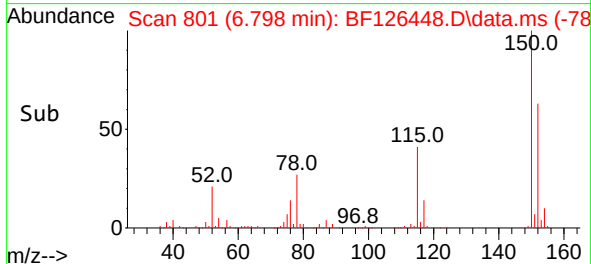
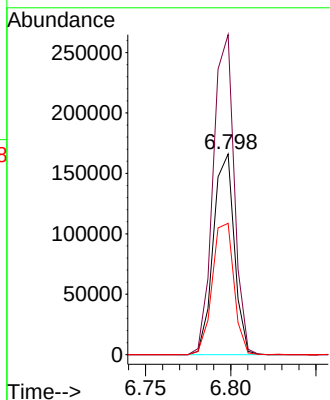
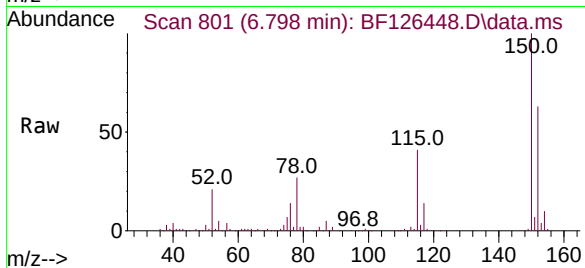




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.798 min Scan# 801  
Delta R.T. 0.000 min  
Lab File: BF126448.D  
Acq: 3 Jan 2022 10:57

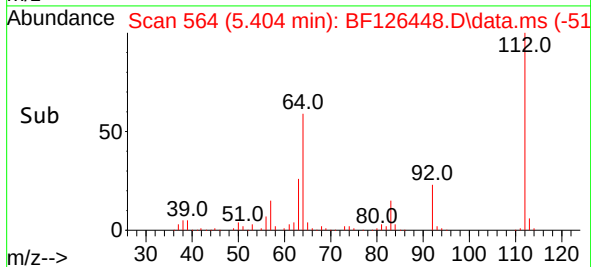
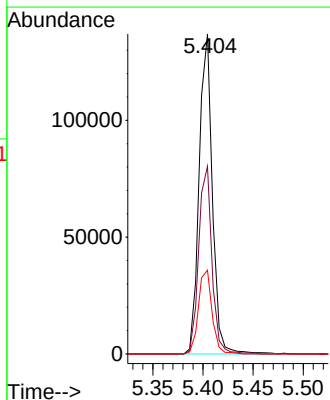
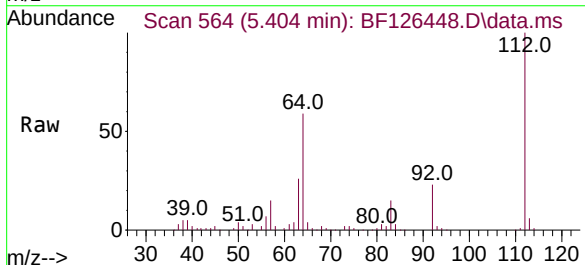
Instrument :  
BNA\_F  
ClientSampleId :  
CONC-1B

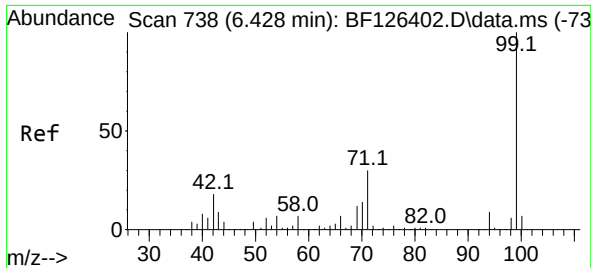
Tgt Ion:152 Resp: 142317  
Ion Ratio Lower Upper  
152 100  
150 159.5 128.1 192.1  
115 65.5 56.7 85.1



#5  
2-Fluorophenol  
Concen: 12.751 ng  
RT: 5.404 min Scan# 564  
Delta R.T. 0.000 min  
Lab File: BF126448.D  
Acq: 3 Jan 2022 10:57

Tgt Ion:112 Resp: 126361  
Ion Ratio Lower Upper  
112 100  
64 58.6 49.5 74.3  
63 26.2 23.9 35.9

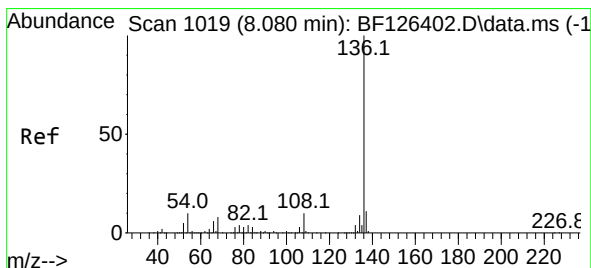
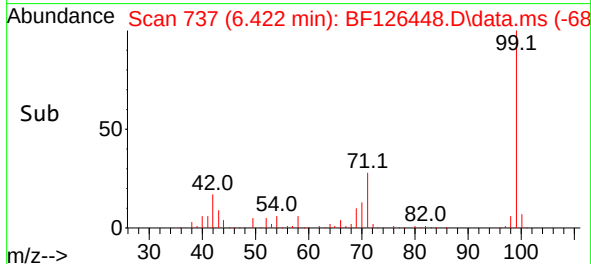
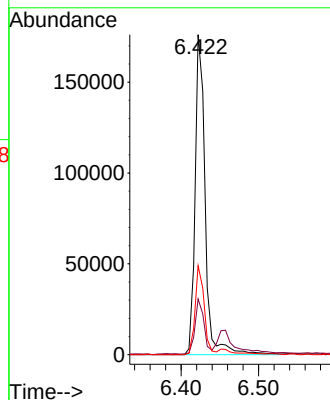
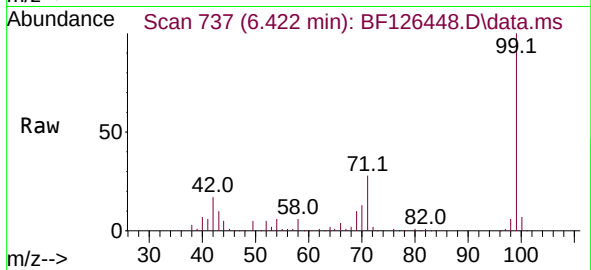




#7  
Phenol-d6  
Concen: 12.400 ng  
RT: 6.422 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BF126448.D  
Acq: 3 Jan 2022 10:57

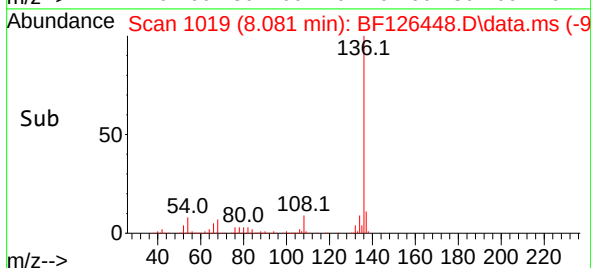
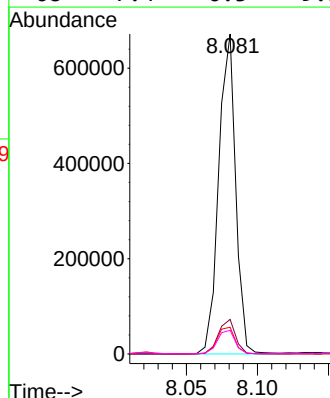
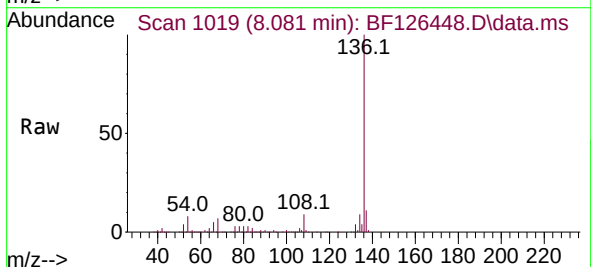
Instrument :  
BNA\_F  
ClientSampleId :  
CONC-1B

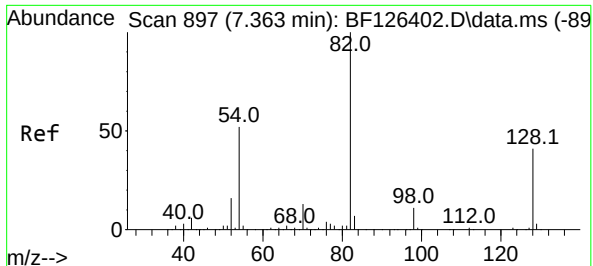
Tgt Ion: 99 Resp: 159165  
Ion Ratio Lower Upper  
99 100  
42 17.4 14.2 21.4  
71 27.8 24.3 36.5



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.081 min Scan# 1019  
Delta R.T. 0.000 min  
Lab File: BF126448.D  
Acq: 3 Jan 2022 10:57

Tgt Ion:136 Resp: 556384  
Ion Ratio Lower Upper  
136 100  
137 10.8 8.6 13.0  
54 8.3 7.8 11.6  
68 7.4 6.3 9.5





#23

Nitrobenzene-d5

Concen: 8.719 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.012 min

Lab File: BF126448.D

Acq: 3 Jan 2022 10:57

Instrument :

BNA\_F

ClientSampleId :

CONC-1B

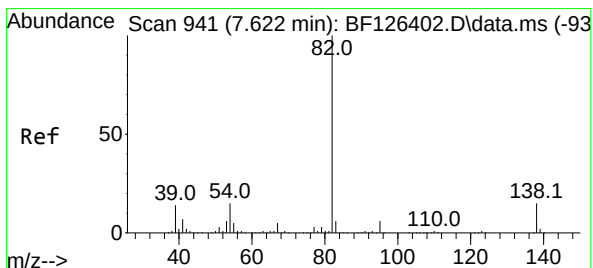
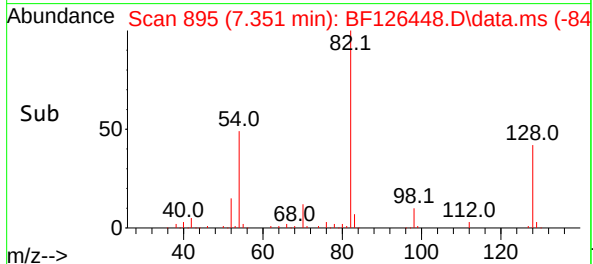
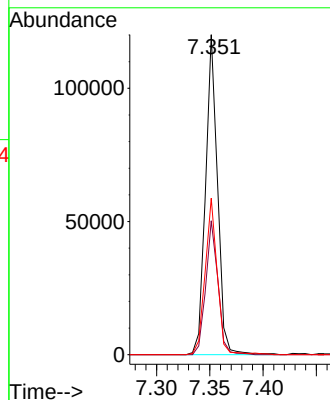
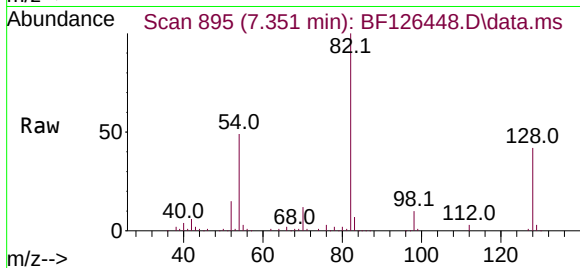
Tgt Ion: 82 Resp: 94481

Ion Ratio Lower Upper

82 100

128 41.8 32.7 49.1

54 48.9 41.7 62.5



#25

Isophorone

Concen: 4.856 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.270 min

Lab File: BF126448.D

Acq: 3 Jan 2022 10:57

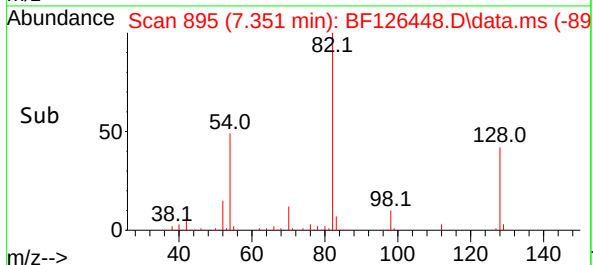
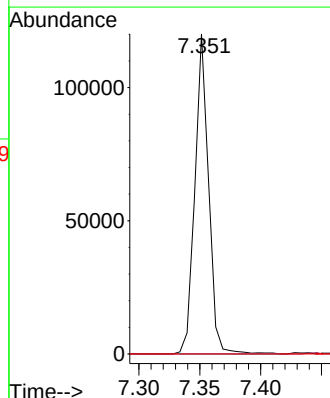
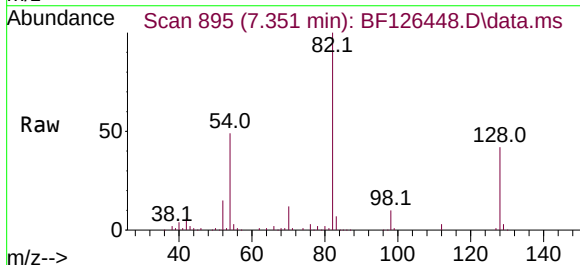
Tgt Ion: 82 Resp: 94205

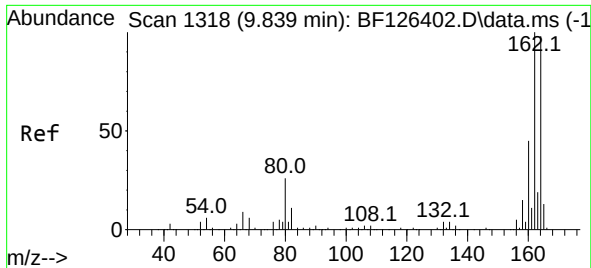
Ion Ratio Lower Upper

82 100

95 0.0 5.0 7.4#

138 0.0 12.3 18.5#

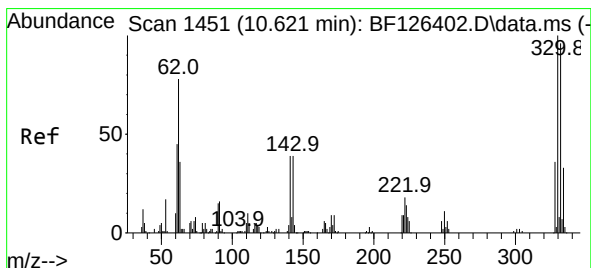
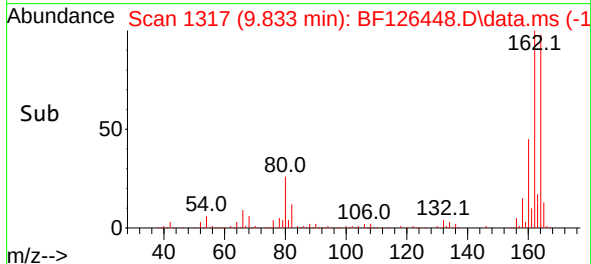
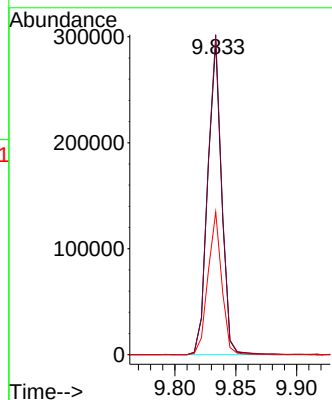
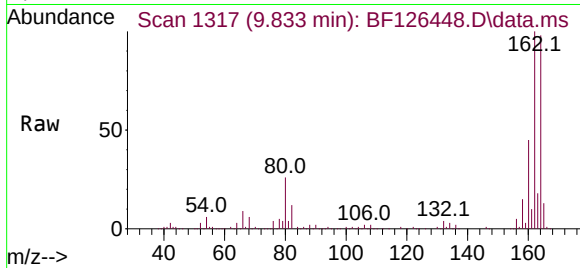




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.833 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF126448.D  
Acq: 3 Jan 2022 10:57

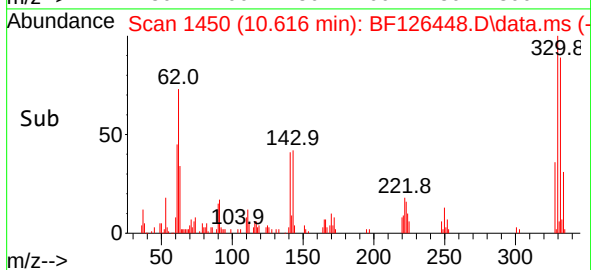
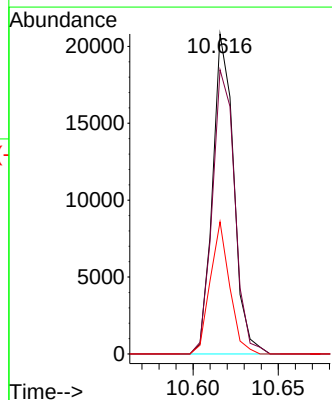
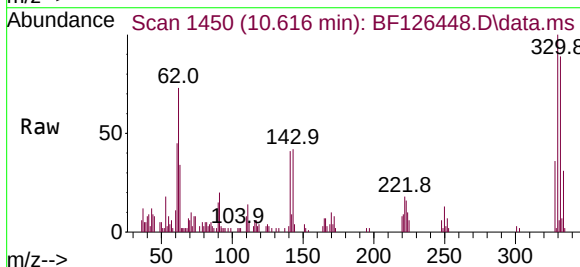
Instrument :  
BNA\_F  
ClientSampleId :  
CONC-1B

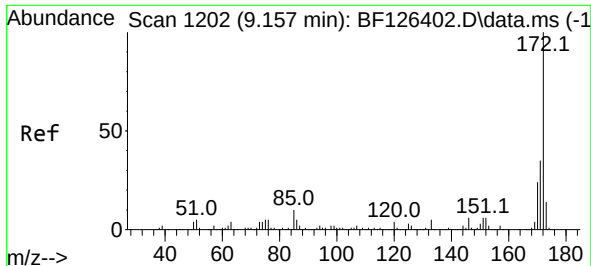
Tgt Ion:164 Resp: 233302  
Ion Ratio Lower Upper  
164 100  
162 102.1 81.4 122.0  
160 45.5 36.6 54.8



#42  
2,4,6-Tribromophenol  
Concen: 9.992 ng  
RT: 10.616 min Scan# 1450  
Delta R.T. -0.006 min  
Lab File: BF126448.D  
Acq: 3 Jan 2022 10:57

Tgt Ion:330 Resp: 18014  
Ion Ratio Lower Upper  
330 100  
332 94.1 76.0 114.0  
141 37.9 30.1 45.1





#45

2-Fluorobiphenyl

Concen: 10.702 ng

RT: 9.151 min Scan# 1317

Delta R.T. -0.006 min

Lab File: BF126448.D

Acq: 3 Jan 2022 10:57

Instrument :

BNA\_F

ClientSampleId :

CONC-1B

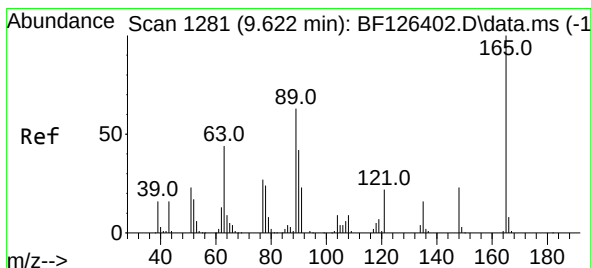
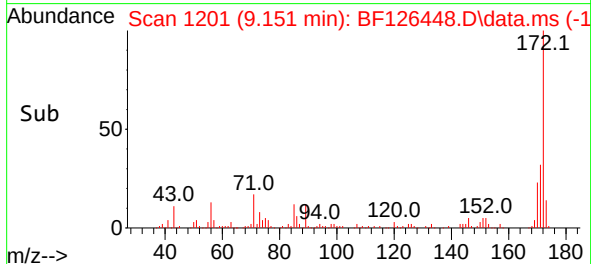
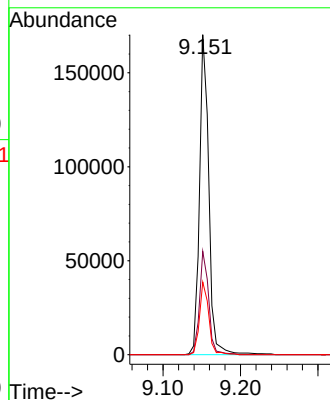
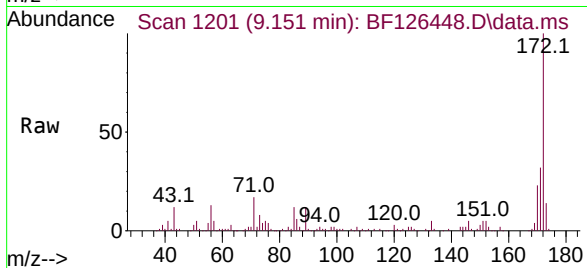
Tgt Ion:172 Resp: 141888

Ion Ratio Lower Upper

172 100

171 32.3 28.3 42.5

170 22.7 19.0 28.6



#51

2,6-Dinitrotoluene

Concen: 9.654 ng

RT: 9.833 min Scan# 1317

Delta R.T. 0.212 min

Lab File: BF126448.D

Acq: 3 Jan 2022 10:57

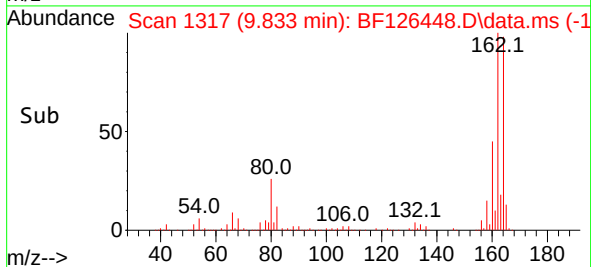
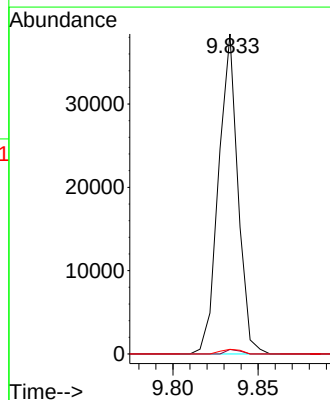
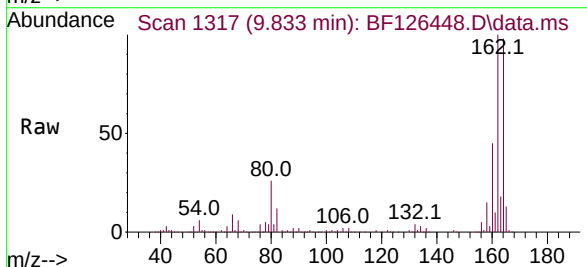
Tgt Ion:165 Resp: 30364

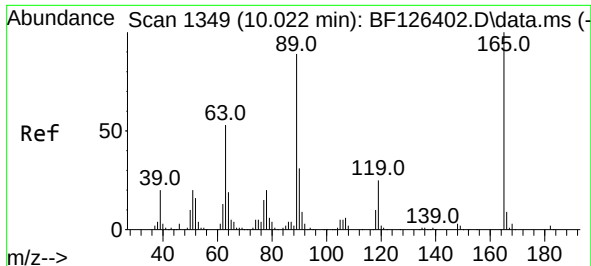
Ion Ratio Lower Upper

165 100

63 1.4 48.4 72.6#

89 1.4 50.5 75.7#

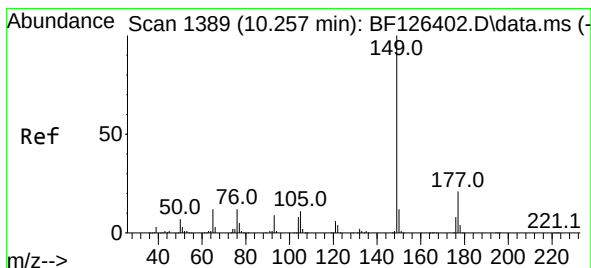
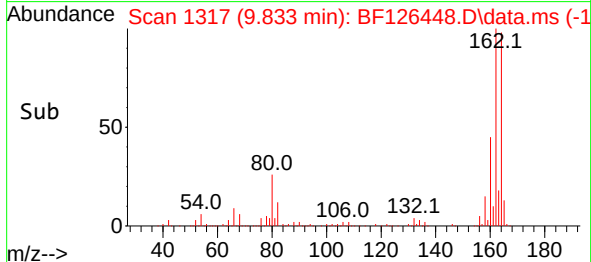
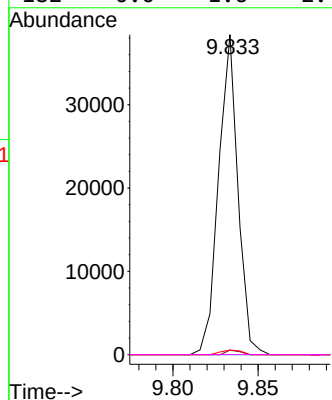
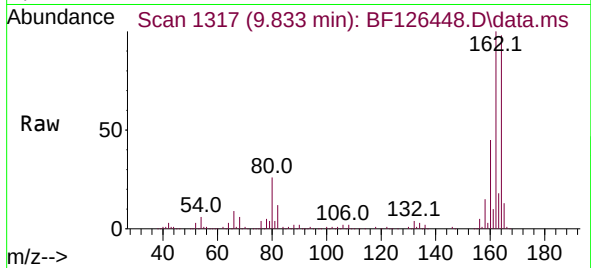




#57  
2,4-Dinitrotoluene  
Concen: 7.482 ng  
RT: 9.833 min Scan# 11  
Delta R.T. -0.188 min  
Lab File: BF126448.D  
Acq: 3 Jan 2022 10:57

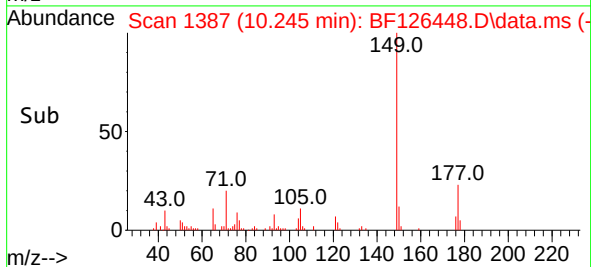
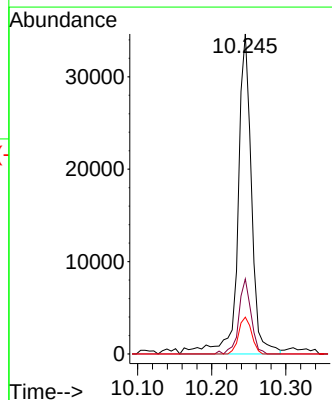
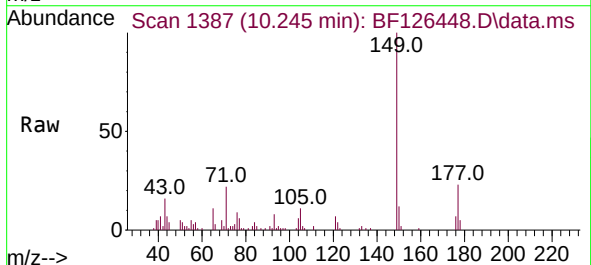
Instrument :  
BNA\_F  
ClientSampleId :  
CONC-1B

Tgt Ion:165 Resp: 30364  
Ion Ratio Lower Upper  
165 100  
63 1.4 43.0 64.6#  
89 1.4 71.0 106.4#  
182 0.0 1.6 2.4#

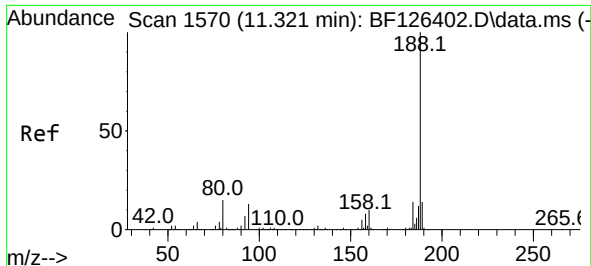


#60  
Diethylphthalate  
Concen: 3.142 ng  
RT: 10.245 min Scan# 1387  
Delta R.T. -0.012 min  
Lab File: BF126448.D  
Acq: 3 Jan 2022 10:57

Tgt Ion:149 Resp: 44101  
Ion Ratio Lower Upper  
149 100  
177 23.4 16.7 25.1  
150 11.5 9.8 14.8



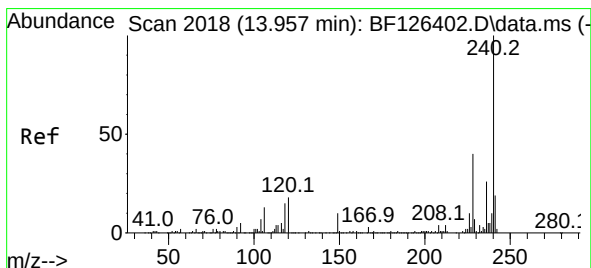
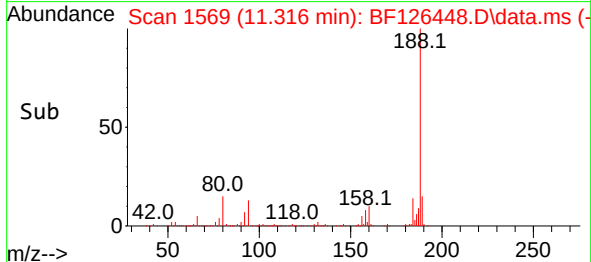
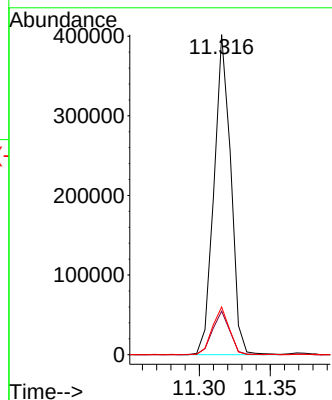
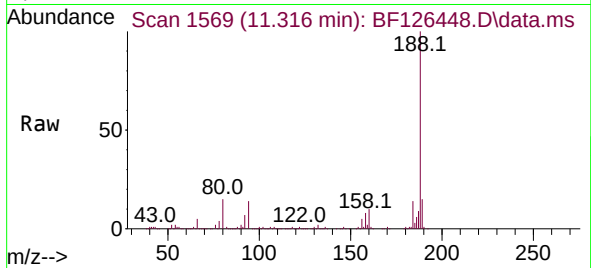




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.316 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF126448.D  
Acq: 3 Jan 2022 10:57

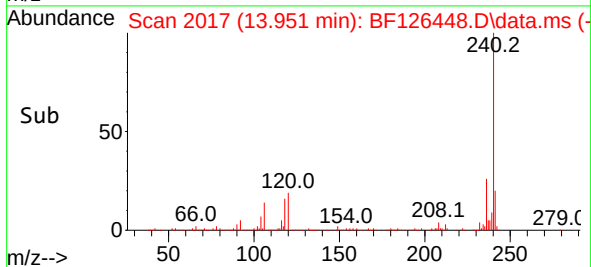
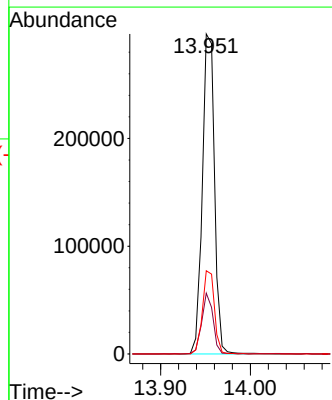
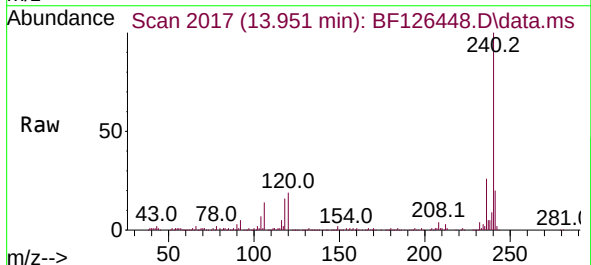
Instrument :  
BNA\_F  
ClientSampleId :  
CONC-1B

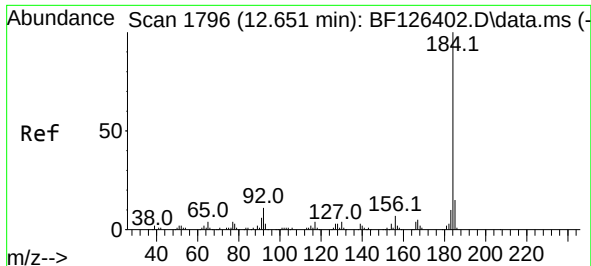
Tgt Ion:188 Resp: 328649  
Ion Ratio Lower Upper  
188 100  
94 13.6 10.1 15.1  
80 14.9 11.8 17.6



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.951 min Scan# 2017  
Delta R.T. -0.006 min  
Lab File: BF126448.D  
Acq: 3 Jan 2022 10:57

Tgt Ion:240 Resp: 280026  
Ion Ratio Lower Upper  
240 100  
120 19.0 14.4 21.6  
236 26.0 20.5 30.7

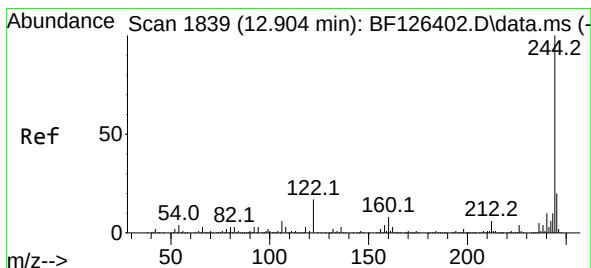
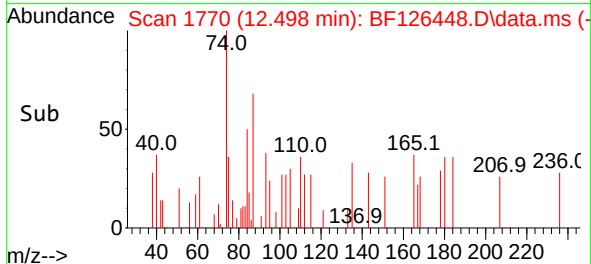
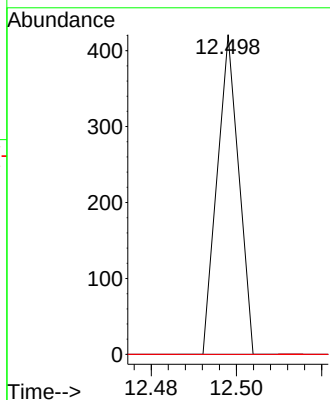
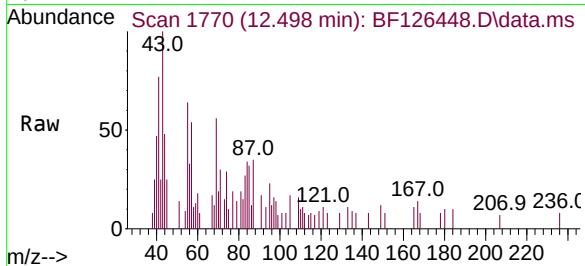




#77  
Benzidine  
Concen: Below Cal  
RT: 12.498 min Scan# 1770  
Delta R.T. -0.153 min  
Lab File: BF126448.D  
Acq: 3 Jan 2022 10:57

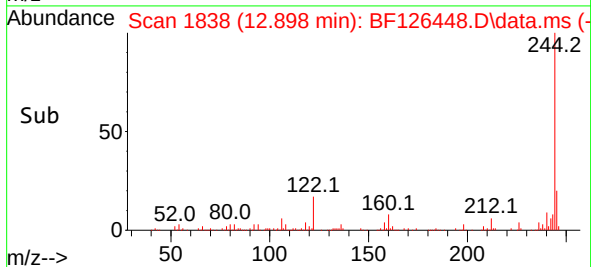
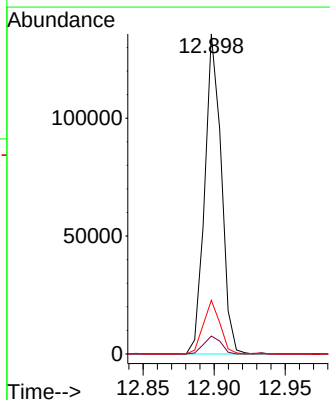
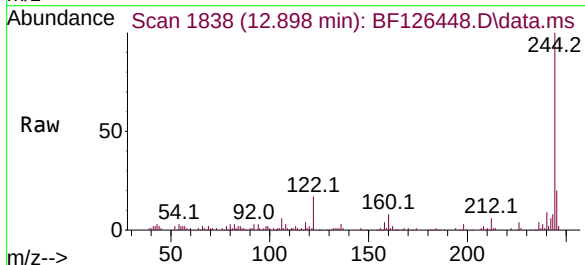
Instrument :  
BNA\_F  
ClientSampleId :  
CONC-1B

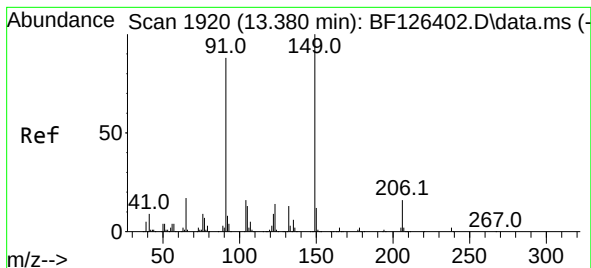
Tgt Ion:184 Resp: 149  
Ion Ratio Lower Upper  
184 100  
185 0.0 11.8 17.8#  
183 0.0 8.2 12.2#



#79  
Terphenyl-d14  
Concen: 7.633 ng  
RT: 12.898 min Scan# 1838  
Delta R.T. -0.006 min  
Lab File: BF126448.D  
Acq: 3 Jan 2022 10:57

Tgt Ion:244 Resp: 110009  
Ion Ratio Lower Upper  
244 100  
212 5.6 5.0 7.4  
122 16.8 13.3 19.9

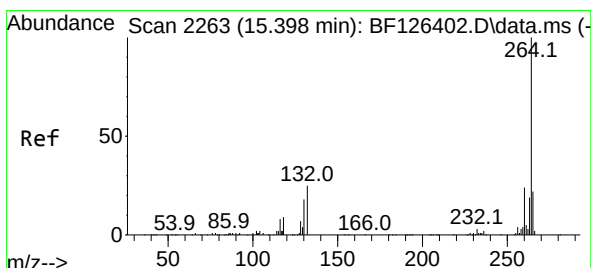
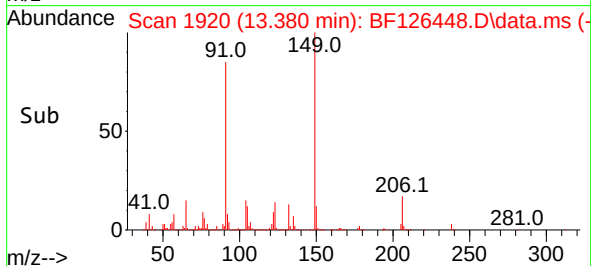
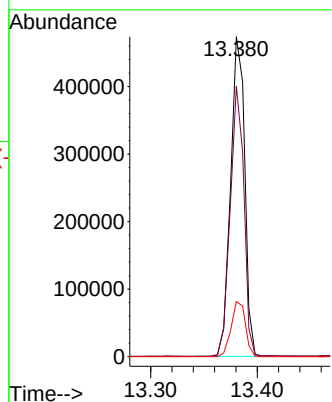
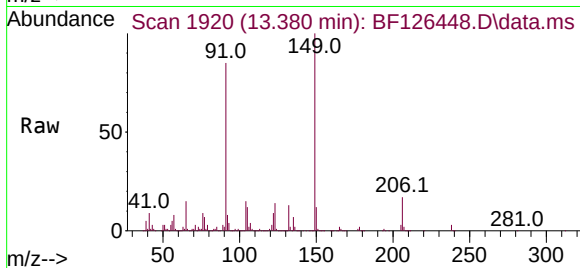




#80  
Butylbenzylphthalate  
Concen: 41.624 ng  
RT: 13.380 min Scan# 1920  
Delta R.T. 0.000 min  
Lab File: BF126448.D  
Acq: 3 Jan 2022 10:57

Instrument :  
BNA\_F  
ClientSampleId :  
CONC-1B

Tgt Ion:149 Resp: 436479  
Ion Ratio Lower Upper  
149 100  
91 84.6 70.5 105.7  
206 17.2 12.6 19.0



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.398 min Scan# 2263  
Delta R.T. 0.000 min  
Lab File: BF126448.D  
Acq: 3 Jan 2022 10:57

Tgt Ion:264 Resp: 295080  
Ion Ratio Lower Upper  
264 100  
260 25.1 19.2 28.8  
265 20.4 17.4 26.2

