

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF012822\  
 Data File : BF126734.D  
 Acq On : 28 Jan 2022 23:22  
 Operator : CG/JU  
 Sample : N1303-06  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 CC-7

Quant Time: Jan 29 02:31:27 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF011822.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jan 27 03:09:40 2022  
 Response via : Initial Calibration

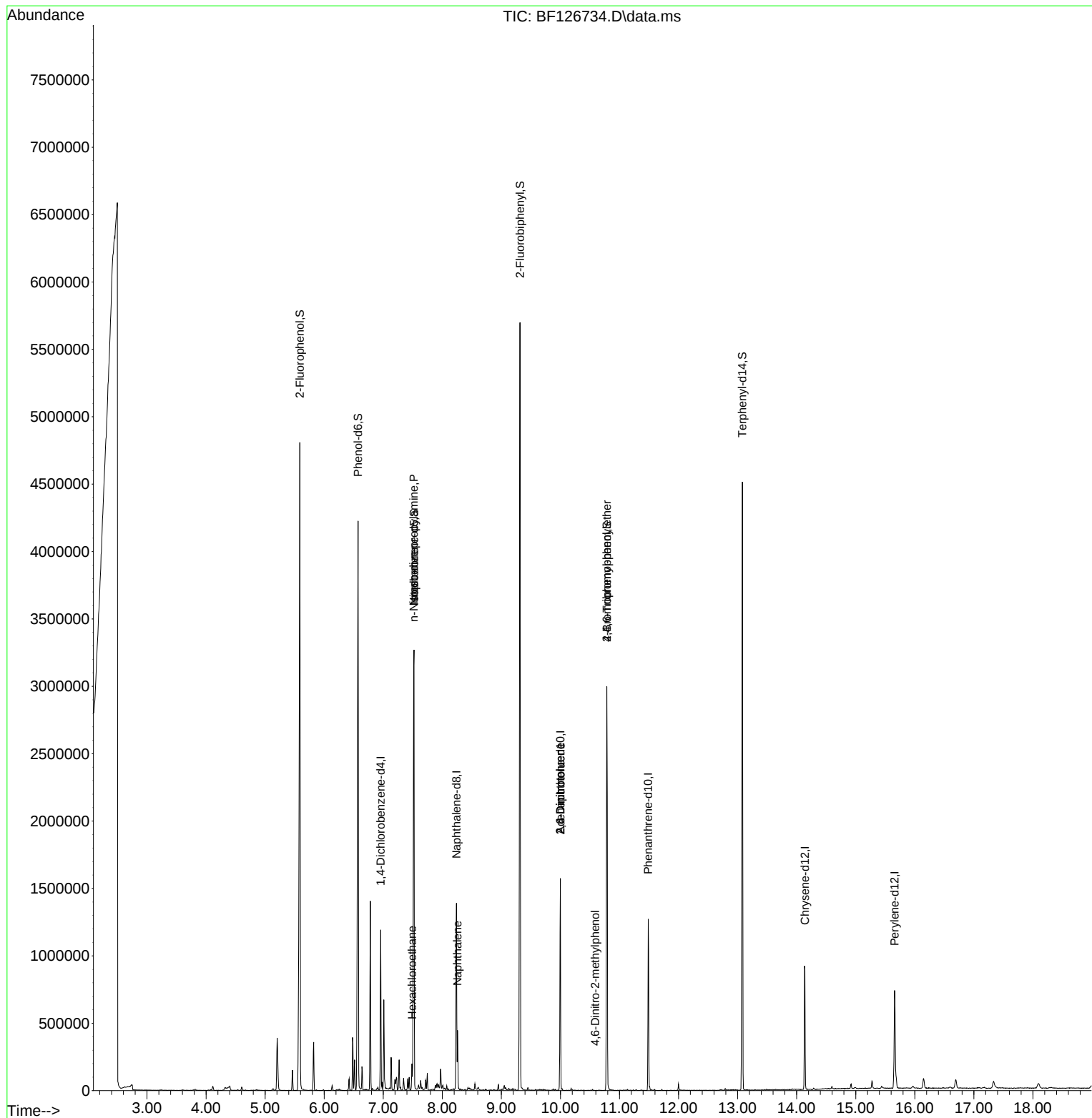
| Compound                      | R.T.   | QIon | Response | Conc      | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-----------|-------|----------|
| -----                         |        |      |          |           |       |          |
| Internal Standards            |        |      |          |           |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.957  | 152  | 145249   | 20.000    | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.239  | 136  | 560075   | 20.000    | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.998  | 164  | 284578   | 20.000    | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.486 | 188  | 421055   | 20.000    | ng    | 0.00     |
| 76) Chrysene-d12              | 14.139 | 240  | 313262   | 20.000    | ng    | # 0.00   |
| 86) Perylene-d12              | 15.657 | 264  | 321377   | 20.000    | ng    | 0.00     |
|                               |        |      |          |           |       |          |
| System Monitoring Compounds   |        |      |          |           |       |          |
| 5) 2-Fluorophenol             | 5.587  | 112  | 1325735  | 120.107   | ng    | 0.02     |
| 7) Phenol-d6                  | 6.575  | 99   | 1645801  | 107.316   | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.522  | 82   | 1348979  | 94.274    | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.786 | 330  | 343368   | 128.930   | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.316  | 172  | 1644830  | 88.519    | ng    | 0.00     |
| 79) Terphenyl-d14             | 13.080 | 244  | 1487507  | 79.644    | ng    | 0.00     |
|                               |        |      |          |           |       |          |
| Target Compounds              |        |      |          |           |       | Qvalue   |
| 9) Benzaldehyde               | 6.516  | 77   | 8893     | Below Cal | #     | 1        |
| 18) Hexachloroethane          | 7.487  | 117  | 10545    | 2.301     | ng    | # 1      |
| 19) n-Nitroso-di-n-propyla... | 7.516  | 70   | 182522   | 16.307    | ng    | # 67     |
| 25) Isophorone                | 7.522  | 82   | 1342974  | 48.395    | ng    | # 69     |
| 31) Naphthalene               | 8.257  | 128  | 160822   | 5.315     | ng    | # 99     |
| 51) 2,6-Dinitrotoluene        | 9.998  | 165  | 35921    | 10.299    | ng    | # 21     |
| 57) 2,4-Dinitrotoluene        | 9.998  | 165  | 35921    | 8.499     | ng    | # 15     |
| 65) 4,6-Dinitro-2-methylph... | 10.586 | 198  | 118      | 7.421     | ng    | # 26     |
| 67) 4-Bromophenyl-phenylether | 10.786 | 248  | 22142    | 4.563     | ng    | # 1      |
| -----                         |        |      |          |           |       |          |

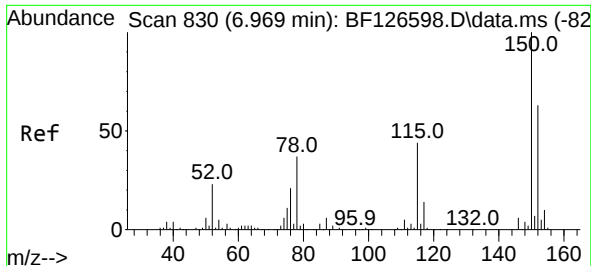
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF012822\  
Data File : BF126734.D  
Acq On : 28 Jan 2022 23:22  
Operator : CG/JU  
Sample : N1303-06  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
CC-7

Quant Time: Jan 29 02:31:27 2022  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF011822.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Jan 27 03:09:40 2022  
Response via : Initial Calibration

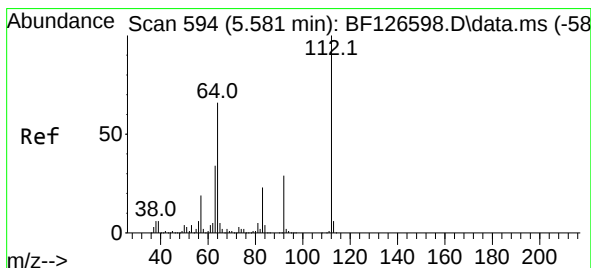
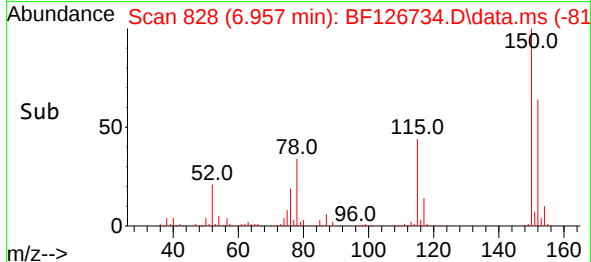
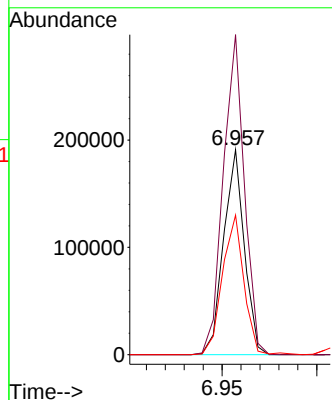
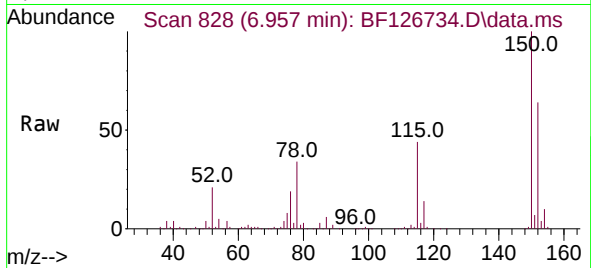




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.957 min Scan# 81  
 Delta R.T. 0.000 min  
 Lab File: BF126734.D  
 Acq: 28 Jan 2022 23:22

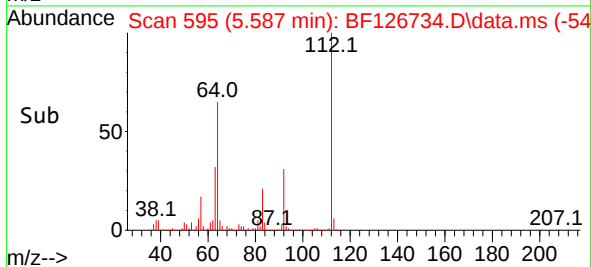
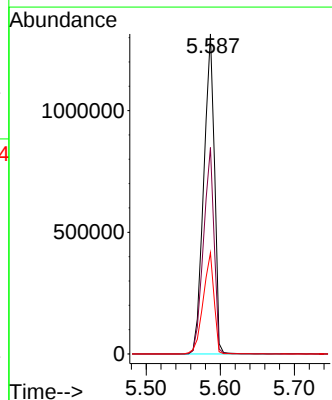
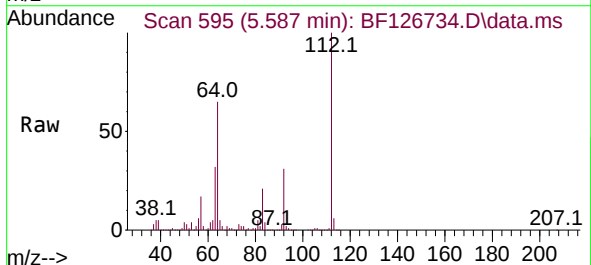
Instrument :  
 BNA\_F  
 ClientSampleId :  
 CC-7

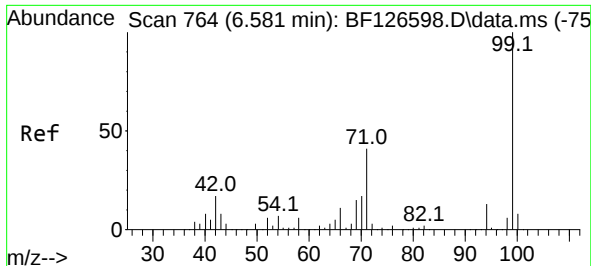
Tgt Ion:152 Resp: 145249  
 Ion Ratio Lower Upper  
 152 100  
 150 156.1 128.1 192.1  
 115 68.0 56.7 85.1



#5  
 2-Fluorophenol  
 Concen: 120.107 ng  
 RT: 5.587 min Scan# 595  
 Delta R.T. 0.018 min  
 Lab File: BF126734.D  
 Acq: 28 Jan 2022 23:22

Tgt Ion:112 Resp: 1325735  
 Ion Ratio Lower Upper  
 112 100  
 64 64.5 49.5 74.3  
 63 31.6 23.9 35.9





#7

Phenol-d6

Concen: 107.316 ng

RT: 6.575 min Scan# 7

Delta R.T. 0.000 min

Lab File: BF126734.D

Acq: 28 Jan 2022 23:22

Instrument :

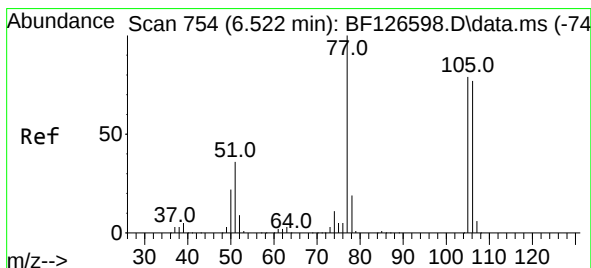
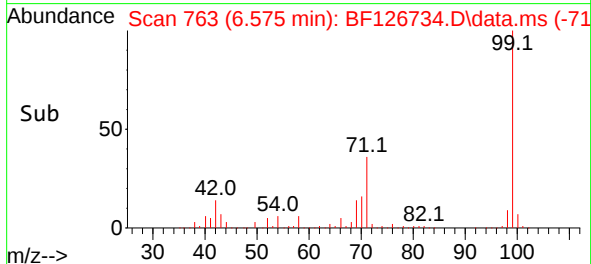
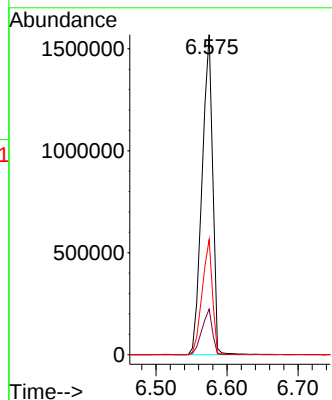
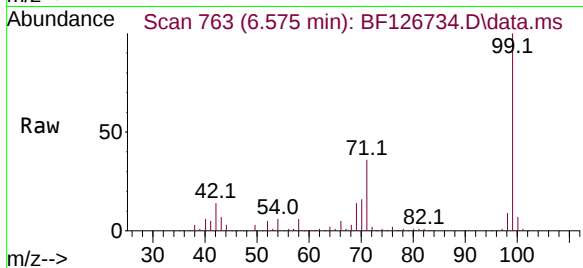
BNA\_F

ClientSampleId :

CC-7

Tgt Ion: 99 Resp: 1645801

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 14.3  | 14.2  | 21.4  |
| 71  | 36.0  | 24.3  | 36.5  |



#9

Benzaldehyde

Concen: Below Cal

RT: 6.516 min Scan# 753

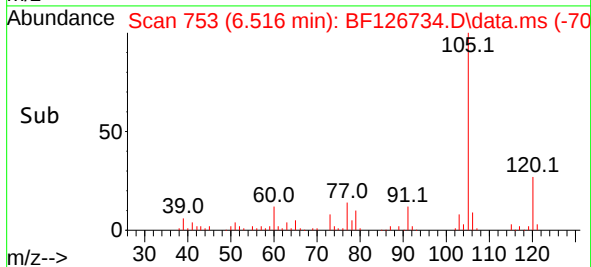
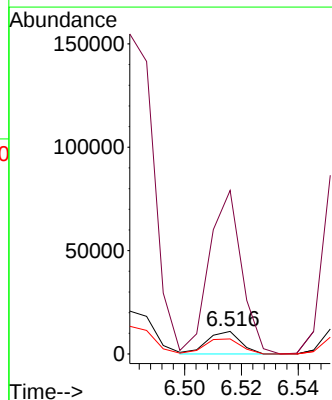
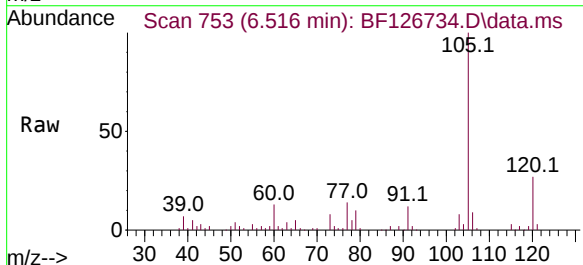
Delta R.T. 0.006 min

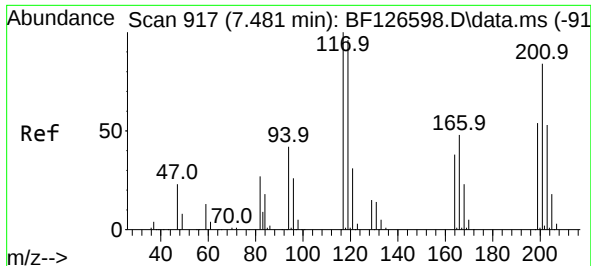
Lab File: BF126734.D

Acq: 28 Jan 2022 23:22

Tgt Ion: 77 Resp: 8893

| Ion | Ratio | Lower | Upper  |
|-----|-------|-------|--------|
| 77  | 100   |       |        |
| 105 | 723.2 | 74.9  | 114.9# |
| 106 | 66.8  | 72.4  | 112.4# |

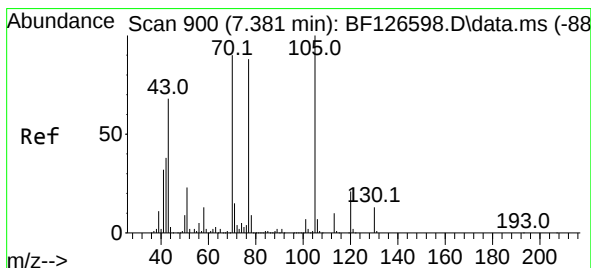
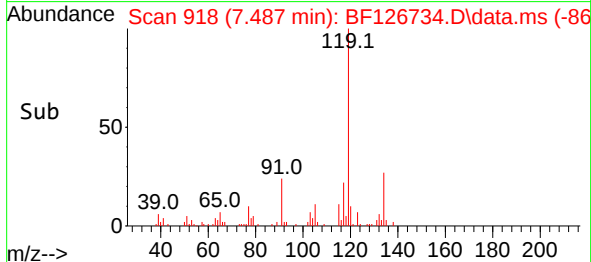
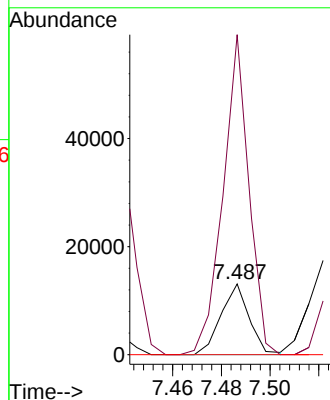
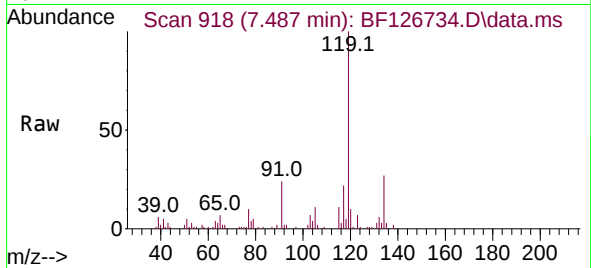




#18  
Hexachloroethane  
Concen: 2.301 ng  
RT: 7.487 min Scan# 917  
Delta R.T. 0.018 min  
Lab File: BF126734.D  
Acq: 28 Jan 2022 23:22

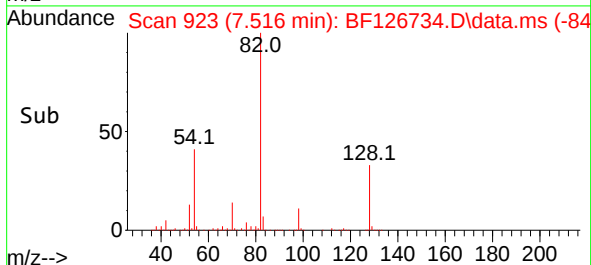
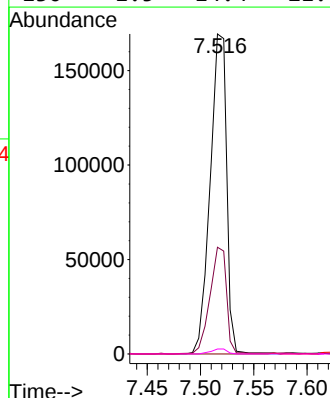
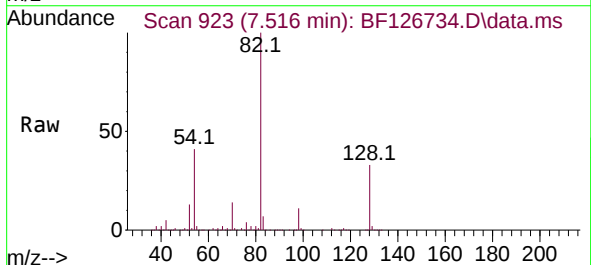
Instrument :  
BNA\_F  
ClientSampleId :  
CC-7

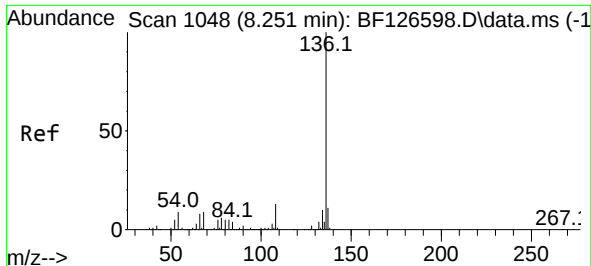
Tgt Ion:117 Resp: 10545  
Ion Ratio Lower Upper  
117 100  
119 452.6 75.4 113.0#  
201 0.0 56.8 85.2#



#19  
n-Nitroso-di-n-propylamine  
Concen: 16.307 ng  
RT: 7.516 min Scan# 923  
Delta R.T. 0.147 min  
Lab File: BF126734.D  
Acq: 28 Jan 2022 23:22

Tgt Ion: 70 Resp: 182522  
Ion Ratio Lower Upper  
70 100  
42 33.4 45.8 68.8#  
101 0.0 6.9 10.3#  
130 1.5 14.4 21.6#

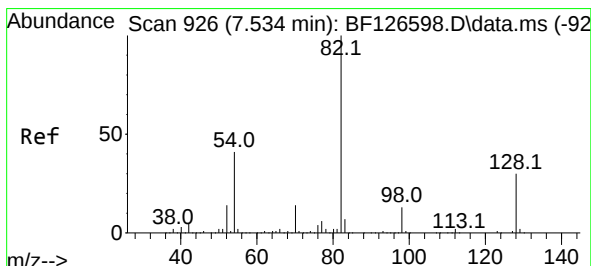
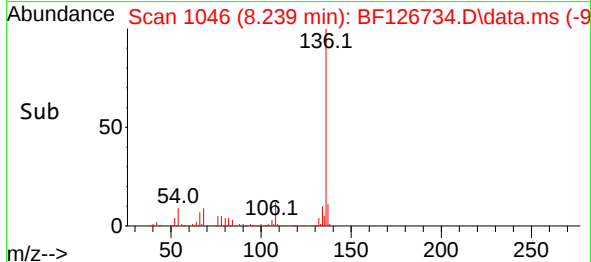
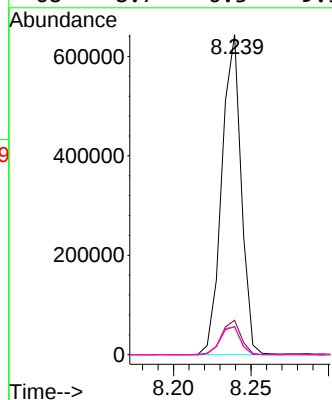
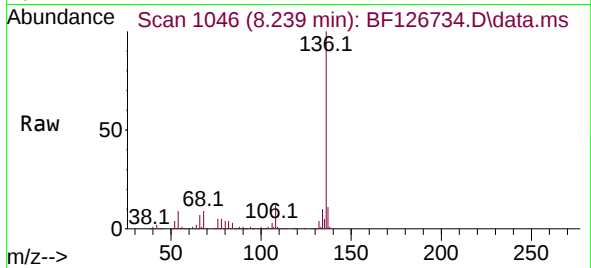




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.239 min Scan# 1046  
Delta R.T. 0.000 min  
Lab File: BF126734.D  
Acq: 28 Jan 2022 23:22

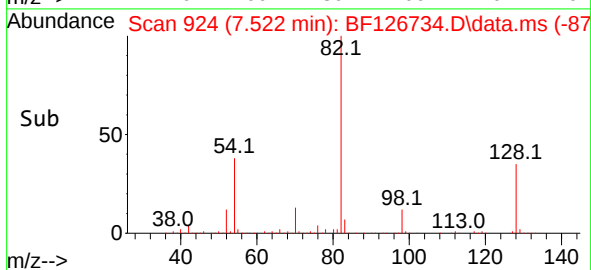
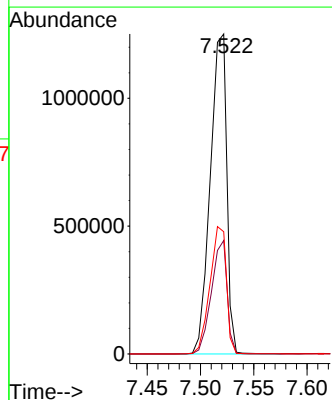
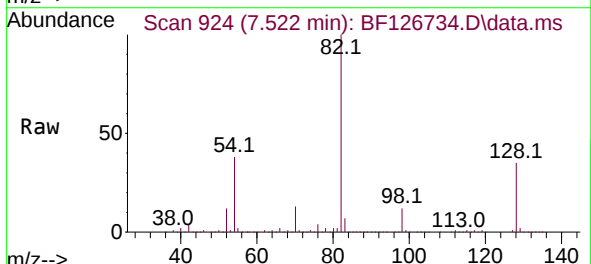
Instrument :  
BNA\_F  
ClientSampleId :  
CC-7

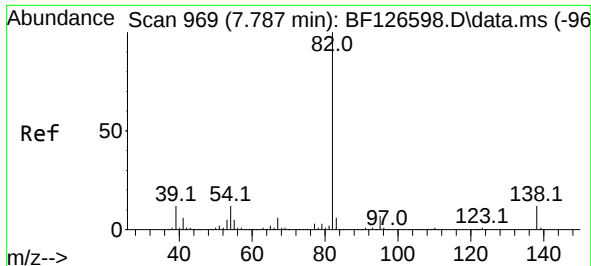
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 560075 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 10.8  | 8.6   | 13.0   |
| 54       | 8.8   | 7.8   | 11.6   |
| 68       | 8.7   | 6.3   | 9.5    |



#23  
Nitrobenzene-d5  
Concen: 94.274 ng  
RT: 7.522 min Scan# 924  
Delta R.T. 0.000 min  
Lab File: BF126734.D  
Acq: 28 Jan 2022 23:22

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 82    | Resp: | 1348979 |
| Ion      | Ratio | Lower | Upper   |
| 82       | 100   |       |         |
| 128      | 35.5  | 32.7  | 49.1    |
| 54       | 38.2  | 41.7  | 62.5    |

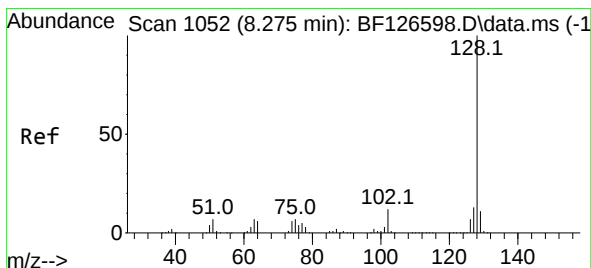
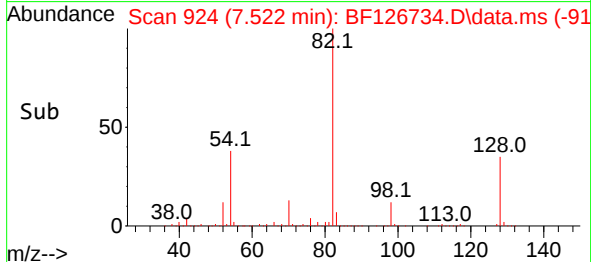
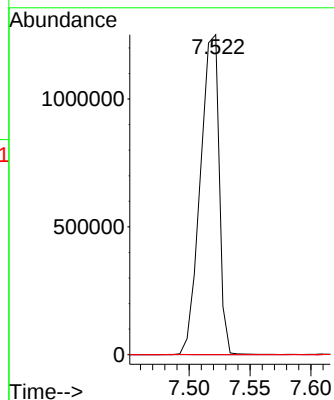
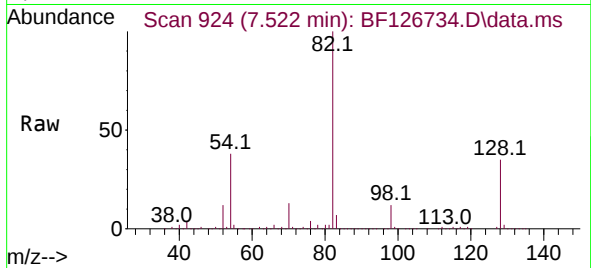




#25  
Isophorone  
Concen: 48.395 ng  
RT: 7.522 min Scan# 91  
Delta R.T. -0.259 min  
Lab File: BF126734.D  
Acq: 28 Jan 2022 23:22

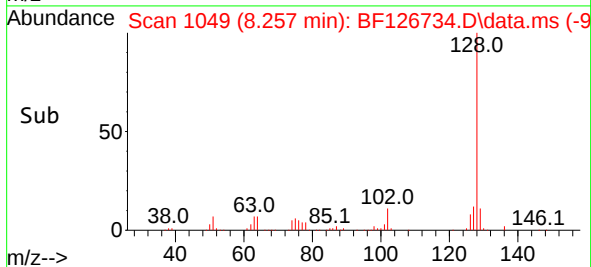
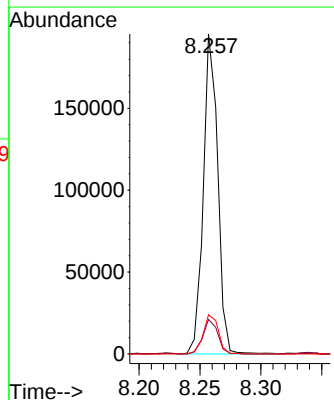
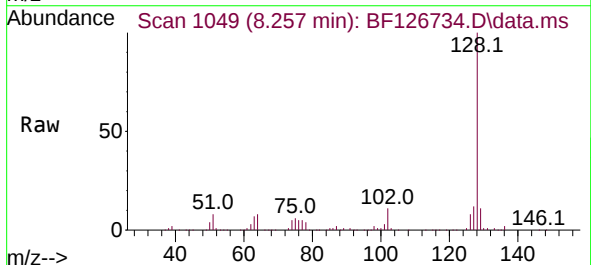
Instrument :  
BNA\_F  
ClientSampleId :  
CC-7

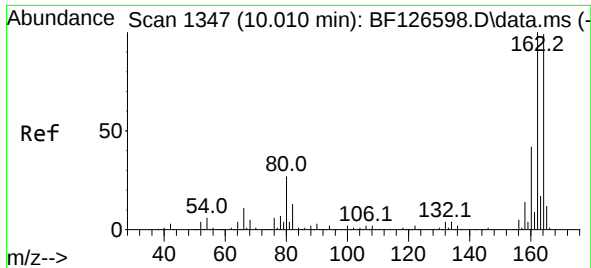
Tgt Ion: 82 Resp: 1342974  
Ion Ratio Lower Upper  
82 100  
95 0.0 5.0 7.4#  
138 0.0 12.3 18.5#



#31  
Naphthalene  
Concen: 5.315 ng  
RT: 8.257 min Scan# 1049  
Delta R.T. -0.006 min  
Lab File: BF126734.D  
Acq: 28 Jan 2022 23:22

Tgt Ion: 128 Resp: 160822  
Ion Ratio Lower Upper  
128 100  
129 10.8 8.6 13.0  
127 12.2 10.3 15.5

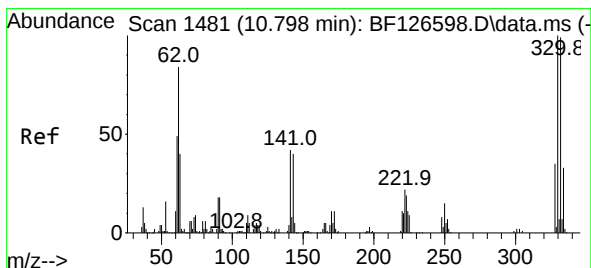
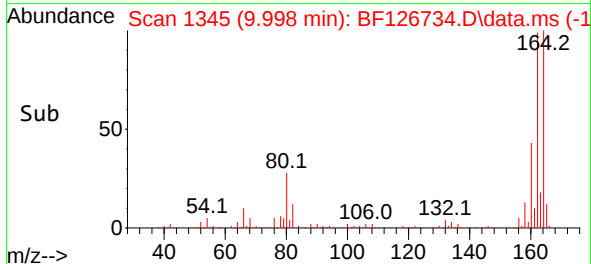
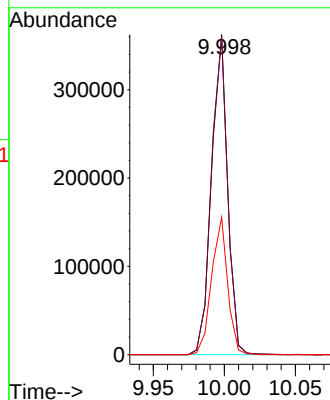
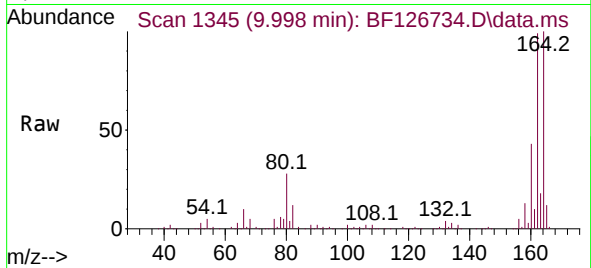




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.998 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF126734.D  
Acq: 28 Jan 2022 23:22

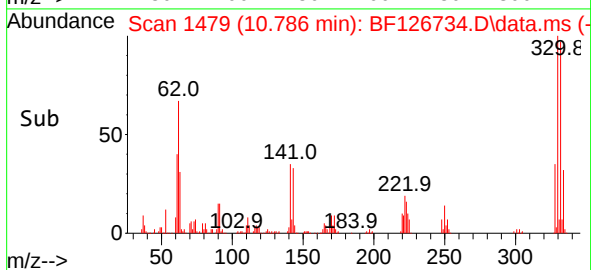
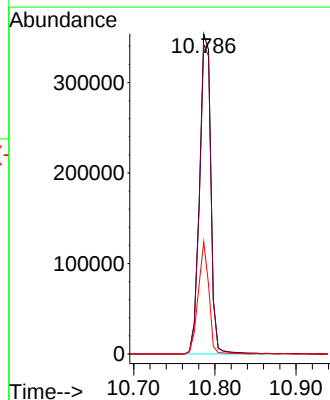
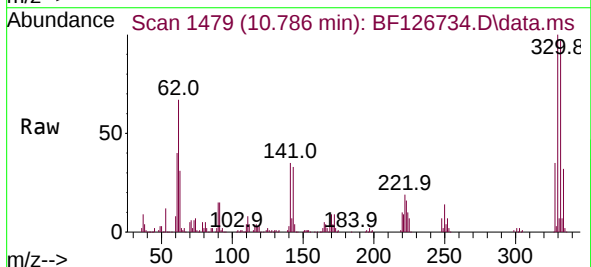
Instrument :  
BNA\_F  
ClientSampleId :  
CC-7

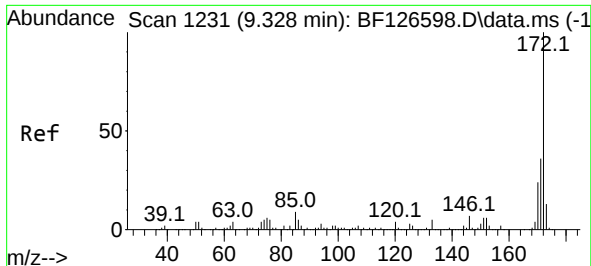
Tgt Ion:164 Resp: 284578  
Ion Ratio Lower Upper  
164 100  
162 99.4 81.4 122.0  
160 42.9 36.6 54.8



#42  
2,4,6-Tribromophenol  
Concen: 128.930 ng  
RT: 10.786 min Scan# 1479  
Delta R.T. -0.006 min  
Lab File: BF126734.D  
Acq: 28 Jan 2022 23:22

Tgt Ion:330 Resp: 343368  
Ion Ratio Lower Upper  
330 100  
332 97.3 76.0 114.0  
141 32.6 30.1 45.1





#45

2-Fluorobiphenyl

Concen: 88.519 ng

RT: 9.316 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF126734.D

Acq: 28 Jan 2022 23:22

Instrument :

BNA\_F

ClientSampleId :

CC-7

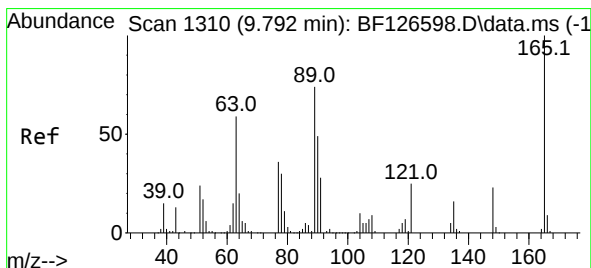
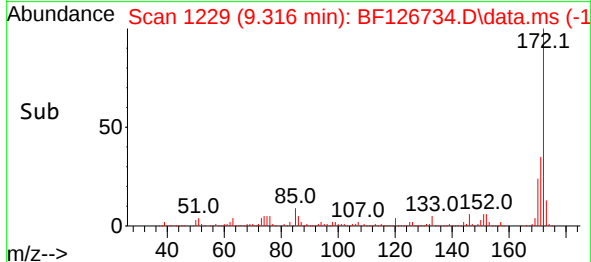
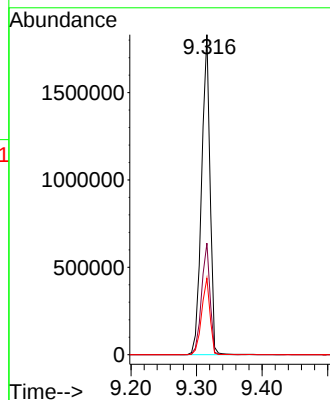
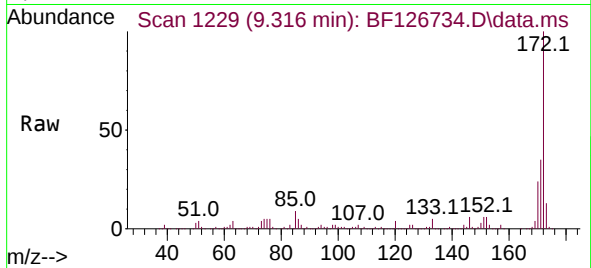
Tgt Ion:172 Resp: 1644830

Ion Ratio Lower Upper

172 100

171 34.9 28.3 42.5

170 23.9 19.0 28.6



#51

2,6-Dinitrotoluene

Concen: 10.299 ng

RT: 9.998 min Scan# 1345

Delta R.T. 0.218 min

Lab File: BF126734.D

Acq: 28 Jan 2022 23:22

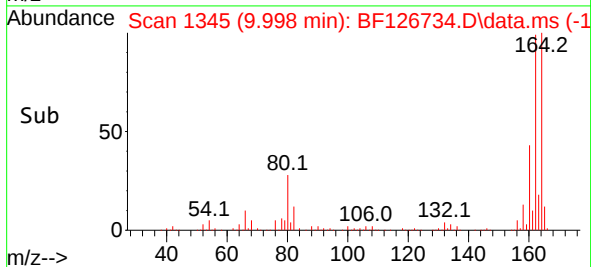
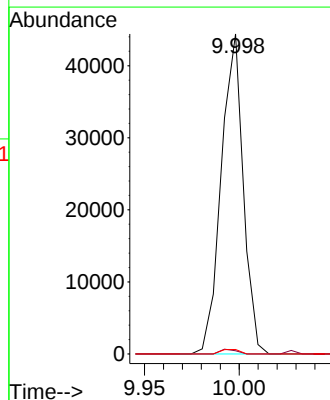
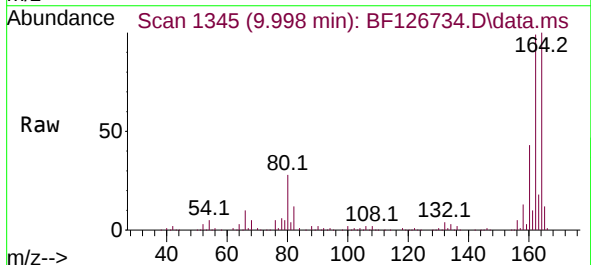
Tgt Ion:165 Resp: 35921

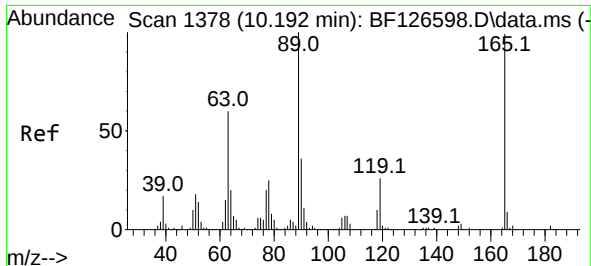
Ion Ratio Lower Upper

165 100

63 1.0 48.4 72.6#

89 1.4 50.5 75.7#

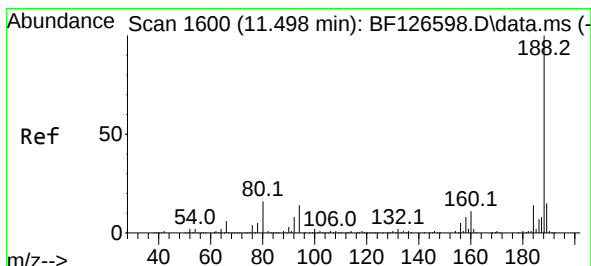
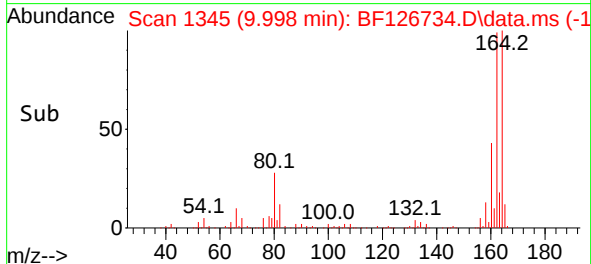
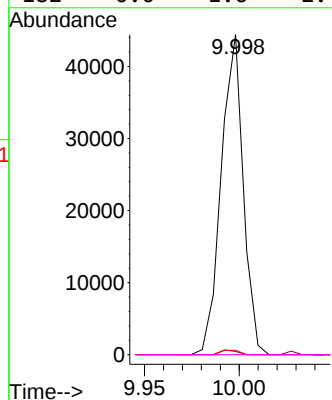
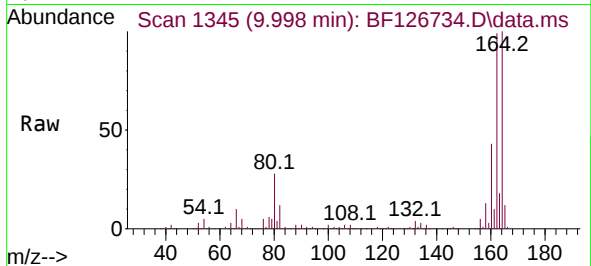




#57  
2,4-Dinitrotoluene  
Concen: 8.499 ng  
RT: 9.998 min Scan# 11  
Delta R.T. -0.188 min  
Lab File: BF126734.D  
Acq: 28 Jan 2022 23:22

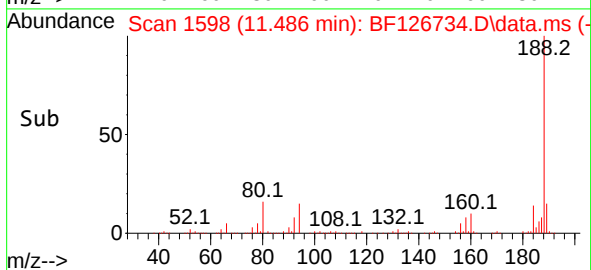
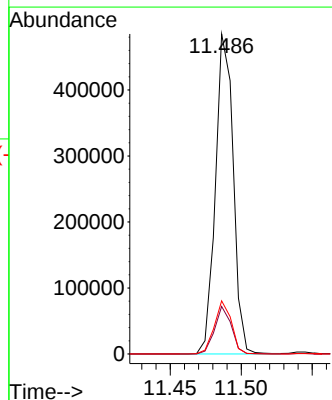
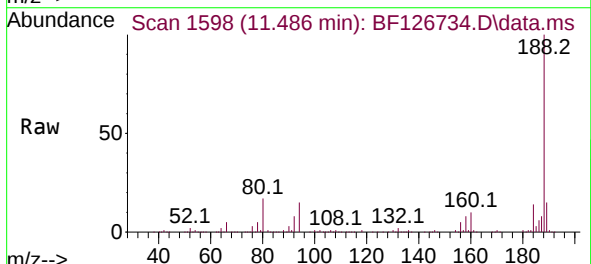
Instrument :  
BNA\_F  
ClientSampleId :  
CC-7

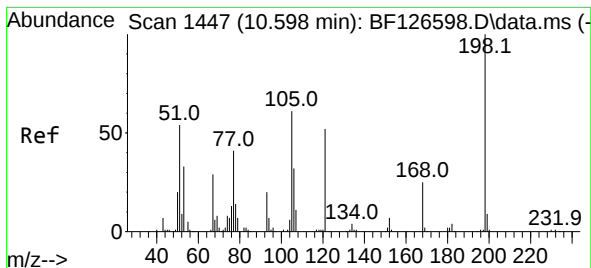
Tgt Ion:165 Resp: 35921  
Ion Ratio Lower Upper  
165 100  
63 1.0 43.0 64.6#  
89 1.4 71.0 106.4#  
182 0.0 1.6 2.4#



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.486 min Scan# 1598  
Delta R.T. -0.006 min  
Lab File: BF126734.D  
Acq: 28 Jan 2022 23:22

Tgt Ion:188 Resp: 421055  
Ion Ratio Lower Upper  
188 100  
94 14.8 10.1 15.1  
80 16.6 11.8 17.6

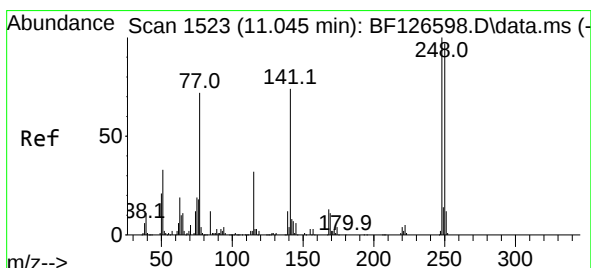
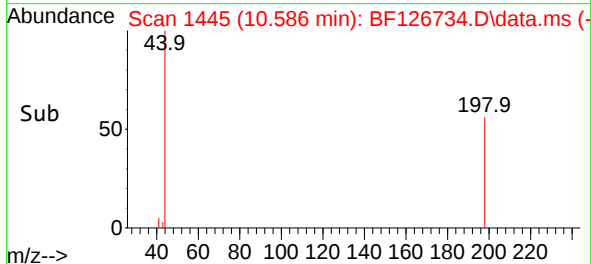
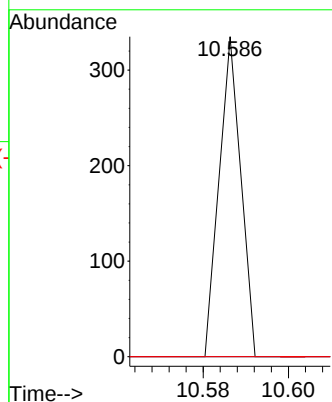
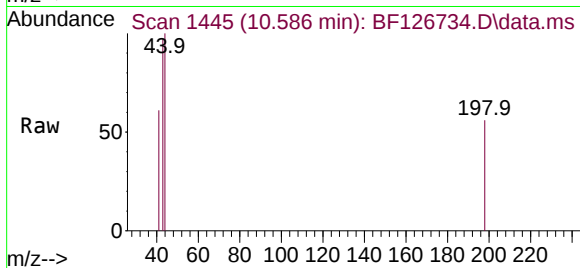




#65  
4,6-Dinitro-2-methylphenol  
Concen: 7.421 ng  
RT: 10.586 min Scan# 1447  
Delta R.T. -0.006 min  
Lab File: BF126734.D  
Acq: 28 Jan 2022 23:22

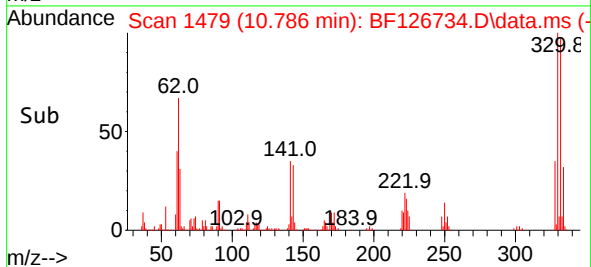
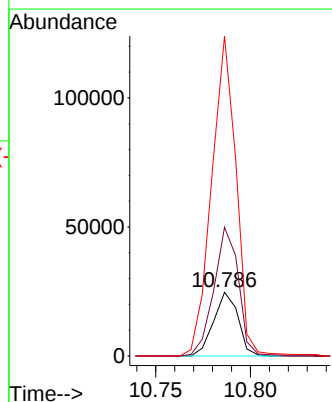
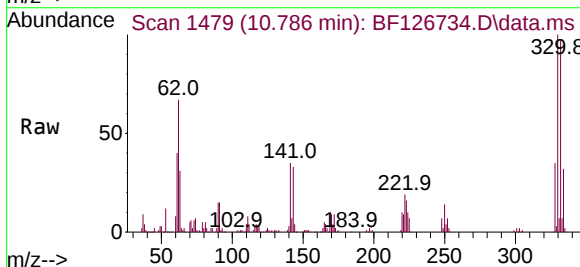
Instrument :  
BNA\_F  
ClientSampleId :  
CC-7

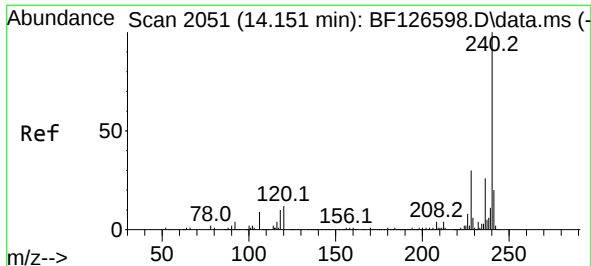
Tgt Ion:198 Resp: 118  
Ion Ratio Lower Upper  
198 100  
51 0.0 32.0 72.0#  
105 0.0 32.7 72.7#



#67  
4-Bromophenyl-phenylether  
Concen: 4.563 ng  
RT: 10.786 min Scan# 1479  
Delta R.T. -0.247 min  
Lab File: BF126734.D  
Acq: 28 Jan 2022 23:22

Tgt Ion:248 Resp: 22142  
Ion Ratio Lower Upper  
248 100  
250 202.2 76.2 114.4#  
141 503.0 66.2 99.4#

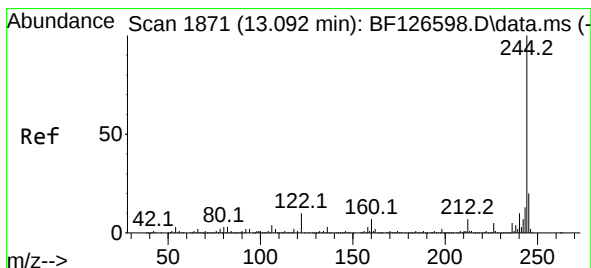
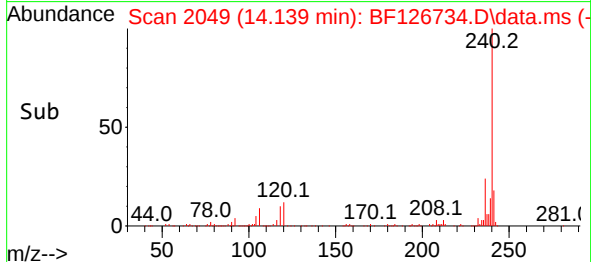
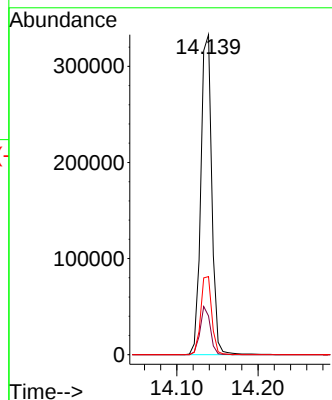
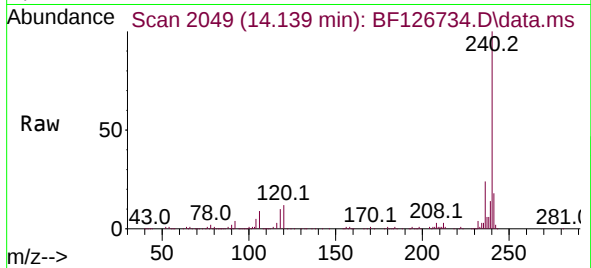




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.139 min Scan# 2051  
Delta R.T. -0.006 min  
Lab File: BF126734.D  
Acq: 28 Jan 2022 23:22

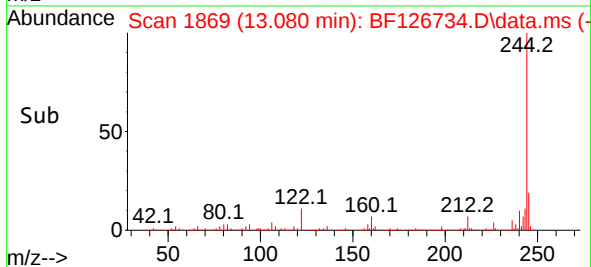
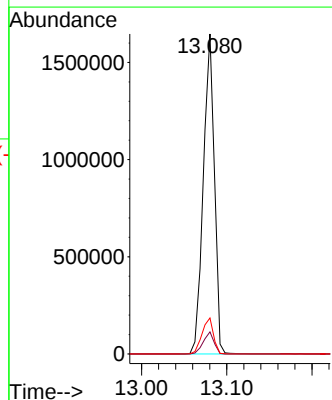
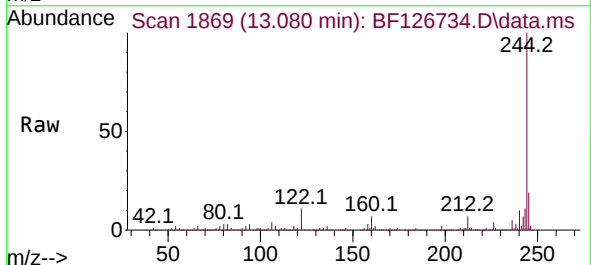
Instrument :  
BNA\_F  
ClientSampleId :  
CC-7

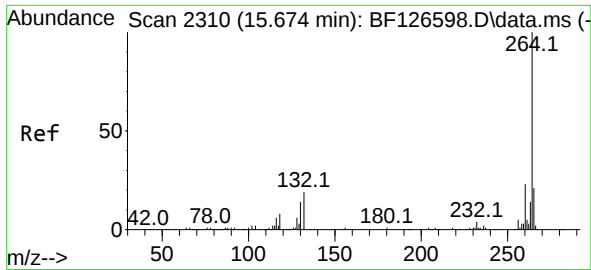
Tgt Ion:240 Resp: 313262  
Ion Ratio Lower Upper  
240 100  
120 12.1 14.4 21.6#  
236 24.4 20.5 30.7



#79  
Terphenyl-d14  
Concen: 79.644 ng  
RT: 13.080 min Scan# 1869  
Delta R.T. 0.000 min  
Lab File: BF126734.D  
Acq: 28 Jan 2022 23:22

Tgt Ion:244 Resp: 1487507  
Ion Ratio Lower Upper  
244 100  
212 6.9 5.0 7.4  
122 11.3 13.3 19.9#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.657 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF126734.D

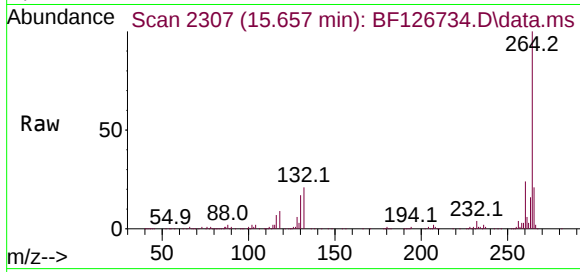
Acq: 28 Jan 2022 23:22

Instrument :

BNA\_F

ClientSampleId :

CC-7



Tgt Ion:264 Resp: 321377

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

265 21.0 17.4 26.2

