

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF032222\  
 Data File : BF127457.D  
 Acq On : 22 Mar 2022 17:49  
 Operator : CG\JU  
 Sample : N1905-16  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 WC-14A-1A-1

Quant Time: Mar 23 03:01:52 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF032122.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Mar 22 02:16:33 2022  
 Response via : Initial Calibration

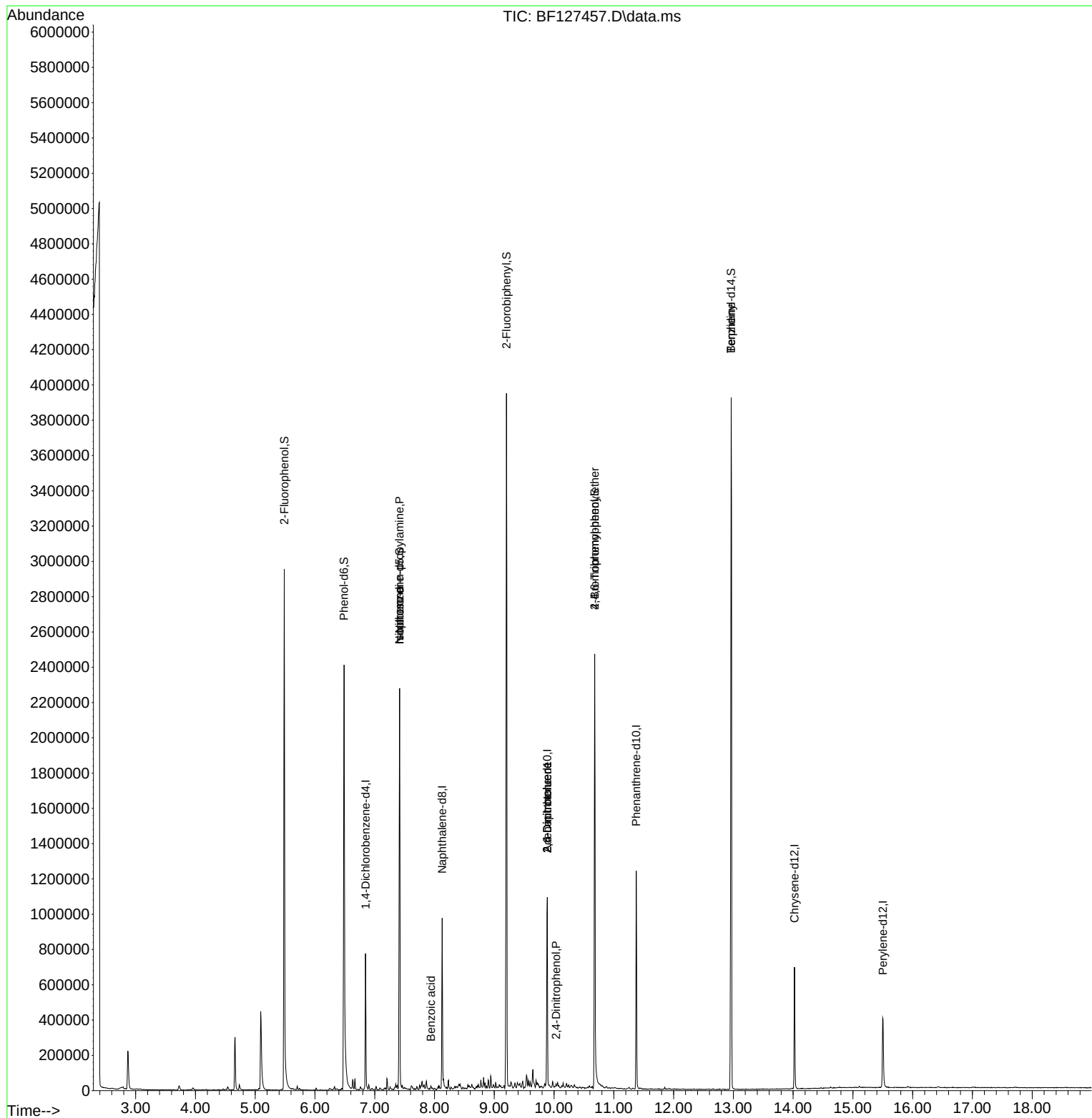
| Compound                      | R.T.   | QIon | Response | Conc      | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|-----------|--------|----------|
| -----                         |        |      |          |           |        |          |
| Internal Standards            |        |      |          |           |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.845  | 152  | 98180    | 20.000    | ng     | 0.00     |
| 21) Naphthalene-d8            | 8.128  | 136  | 373918   | 20.000    | ng     | 0.00     |
| 39) Acenaphthene-d10          | 9.886  | 164  | 222914   | 20.000    | ng     | 0.00     |
| 64) Phenanthrene-d10          | 11.375 | 188  | 413125   | 20.000    | ng     | 0.00     |
| 76) Chrysene-d12              | 14.021 | 240  | 234095   | 20.000    | ng     | 0.00     |
| 86) Perylene-d12              | 15.504 | 264  | 197015   | 20.000    | ng     | 0.00     |
| System Monitoring Compounds   |        |      |          |           |        |          |
| 5) 2-Fluorophenol             | 5.487  | 112  | 744493   | 121.040   | ng     | 0.02     |
| 7) Phenol-d6                  | 6.487  | 99   | 974937   | 115.959   | ng     | 0.00     |
| 23) Nitrobenzene-d5           | 7.416  | 82   | 757466   | 86.592    | ng     | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.681 | 330  | 318230   | 134.014   | ng     | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.204  | 172  | 1296273  | 84.914    | ng     | 0.00     |
| 79) Terphenyl-d14             | 12.963 | 244  | 1541491  | 107.796   | ng     | 0.00     |
| Target Compounds              |        |      |          |           |        |          |
|                               |        |      |          |           | Qvalue |          |
| 9) Benzaldehyde               | 6.357  | 77   | 113      | Below Cal | #      | 1        |
| 19) n-Nitroso-di-n-propyla... | 7.416  | 70   | 103178   | 20.473    | ng     | # 80     |
| 25) Isophorone                | 7.416  | 82   | 757459   | 54.367    | ng     | # 70     |
| 32) Benzoic acid              | 7.939  | 122  | 580      | 6.210     | ng     | # 11     |
| 51) 2,6-Dinitrotoluene        | 9.886  | 165  | 28969    | 8.899     | ng     | # 18     |
| 54) 2,4-Dinitrophenol         | 10.033 | 184  | 62       | 8.734     | ng     | # 1      |
| 55) Dibenzofuran              | 10.092 | 168  | 1051     | Below Cal | #      | 83       |
| 57) 2,4-Dinitrotoluene        | 9.886  | 165  | 28969    | 6.914     | ng     | # 15     |
| 58) Fluorene                  | 10.439 | 166  | 1441     | Below Cal | #      | 84       |
| 67) 4-Bromophenyl-phenylether | 10.681 | 248  | 20808    | 4.314     | ng     | # 1      |
| 77) Benzidine                 | 12.963 | 184  | 19539    | 3.501     | ng     | # 94     |
| -----                         |        |      |          |           |        |          |

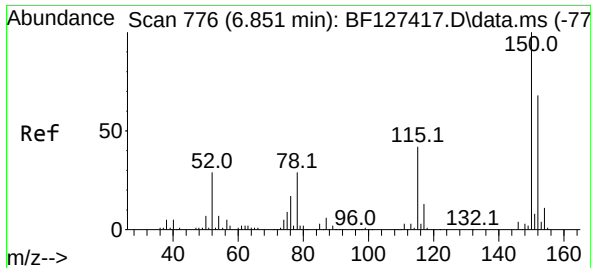
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF032222\  
Data File : BF127457.D  
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Sample : N1905-16  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
WC-14A-1A-1

Quant Time: Mar 23 03:01:52 2022  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF032122.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Mar 22 02:16:33 2022  
Response via : Initial Calibration

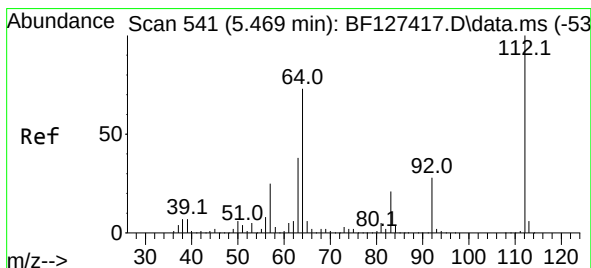
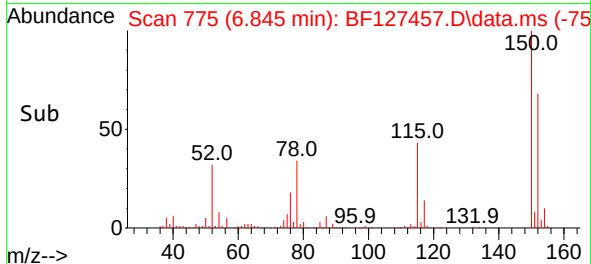
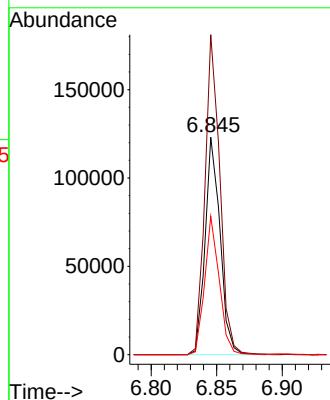
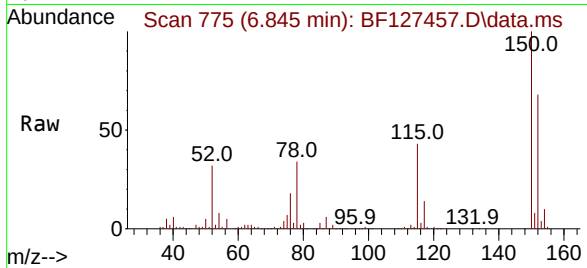




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.845 min Scan# 776  
 Delta R.T. -0.006 min  
 Lab File: BF127457.D  
 Acq: 22 Mar 2022 17:49

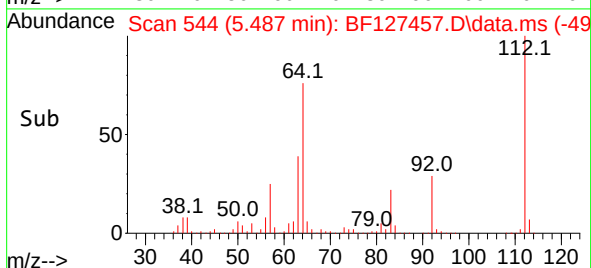
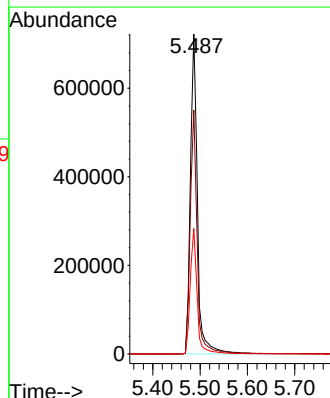
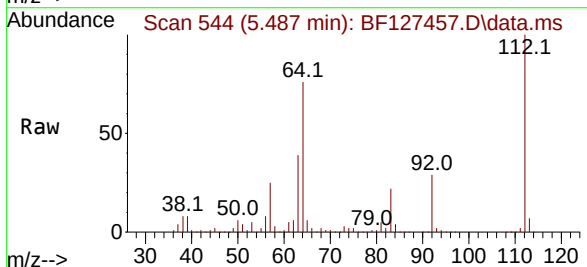
Instrument :  
 BNA\_F  
 ClientSampleId :  
 WC-14A-1A-1

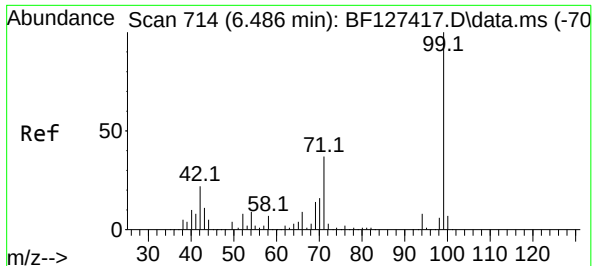
Tgt Ion:152 Resp: 98180  
 Ion Ratio Lower Upper  
 152 100  
 150 147.1 117.2 175.8  
 115 63.6 49.8 74.6



#5  
 2-Fluorophenol  
 Concen: 121.040 ng  
 RT: 5.487 min Scan# 544  
 Delta R.T. 0.018 min  
 Lab File: BF127457.D  
 Acq: 22 Mar 2022 17:49

Tgt Ion:112 Resp: 744493  
 Ion Ratio Lower Upper  
 112 100  
 64 76.2 58.4 87.6  
 63 39.2 30.1 45.1

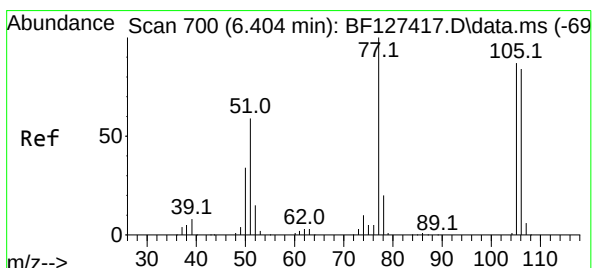
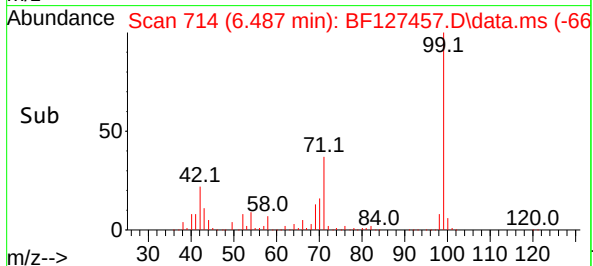
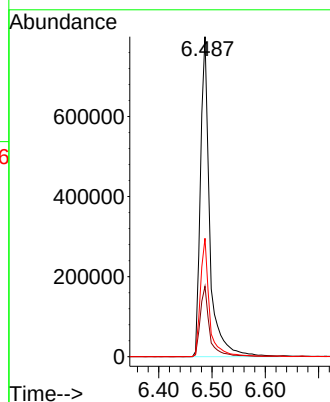
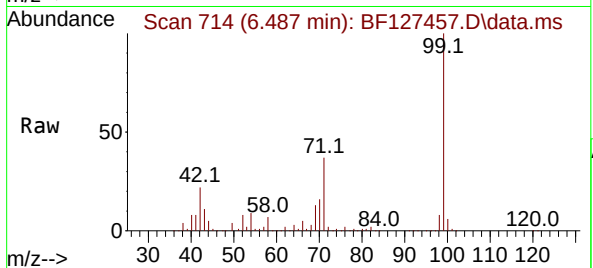




#7  
Phenol-d6  
Concen: 115.959 ng  
RT: 6.487 min Scan# 714  
Delta R.T. 0.000 min  
Lab File: BF127457.D  
Acq: 22 Mar 2022 17:49

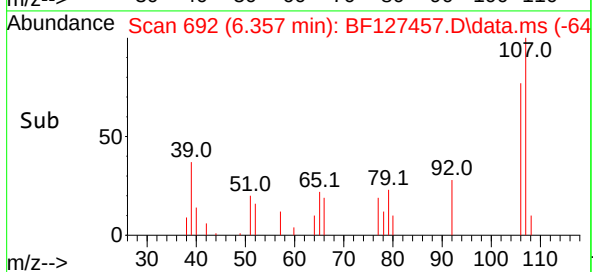
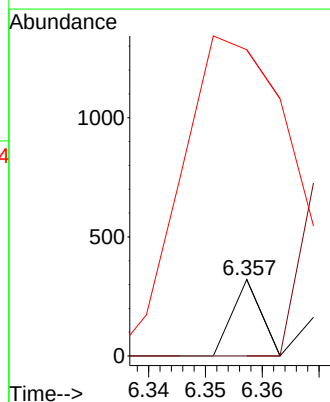
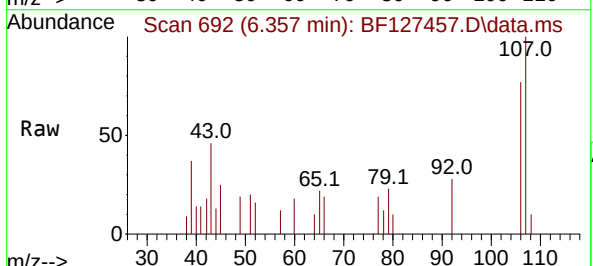
Instrument :  
BNA\_F  
ClientSampleId :  
WC-14A-1A-1

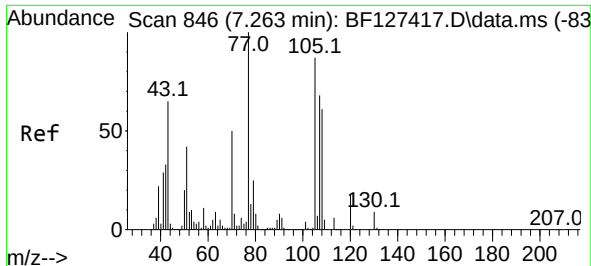
Tgt Ion: 99 Resp: 974937  
Ion Ratio Lower Upper  
99 100  
42 22.0 17.8 26.6  
71 37.0 29.6 44.4



#9  
Benzaldehyde  
Concen: Below Cal  
RT: 6.357 min Scan# 692  
Delta R.T. -0.047 min  
Lab File: BF127457.D  
Acq: 22 Mar 2022 17:49

Tgt Ion: 77 Resp: 113  
Ion Ratio Lower Upper  
77 100  
105 0.0 66.8 106.8#  
106 400.3 64.3 104.3#





#19

n-Nitroso-di-n-propylamine

Concen: 20.473 ng

RT: 7.416 min Scan# 81

Delta R.T. 0.153 min

Lab File: BF127457.D

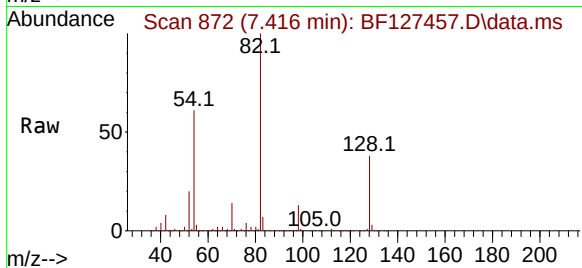
Acq: 22 Mar 2022 17:49

Instrument :

BNA\_F

ClientSampleId :

WC-14A-1A-1



Tgt Ion: 70 Resp: 103178

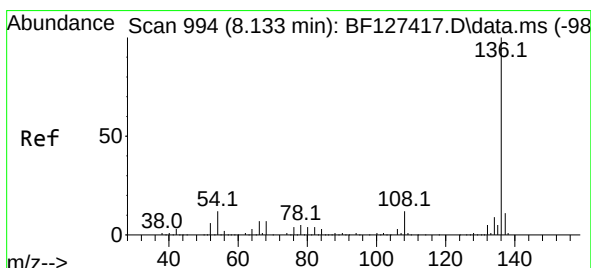
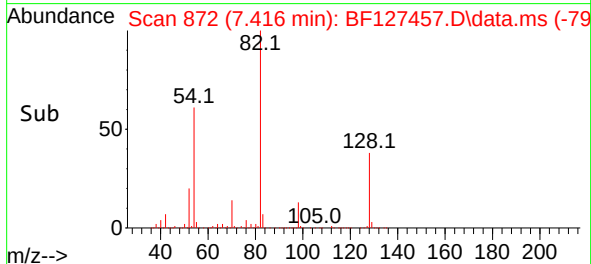
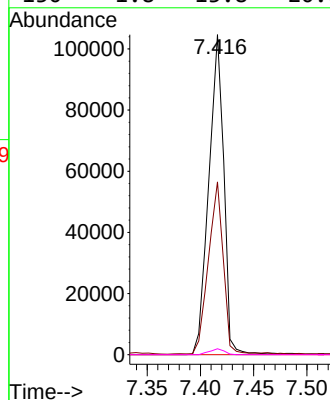
Ion Ratio Lower Upper

70 100

42 54.0 53.0 79.6

101 0.0 6.8 10.2#

130 1.8 13.8 20.6#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.128 min Scan# 993

Delta R.T. -0.006 min

Lab File: BF127457.D

Acq: 22 Mar 2022 17:49

Tgt Ion:136 Resp: 373918

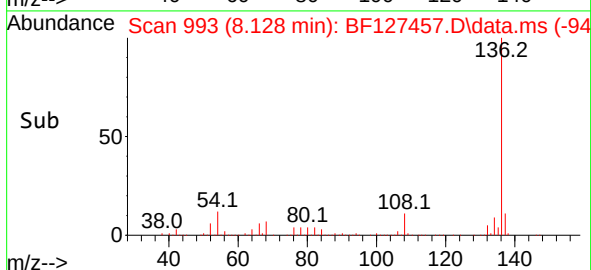
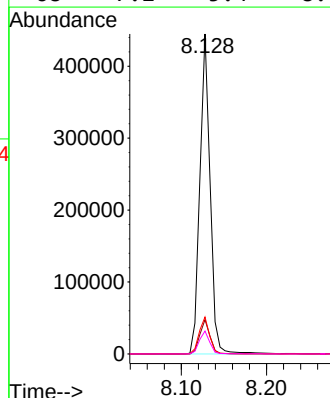
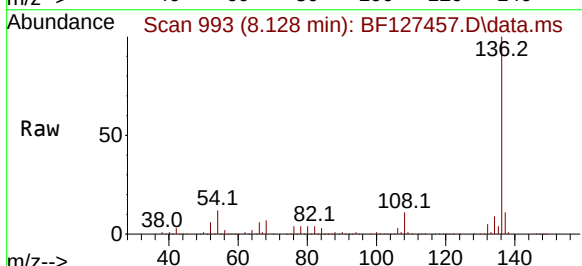
Ion Ratio Lower Upper

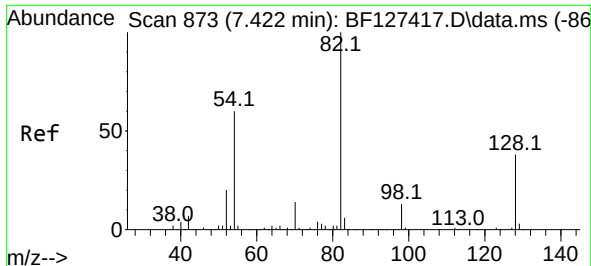
136 100

137 10.7 8.6 13.0

54 11.6 9.2 13.8

68 7.2 5.4 8.0

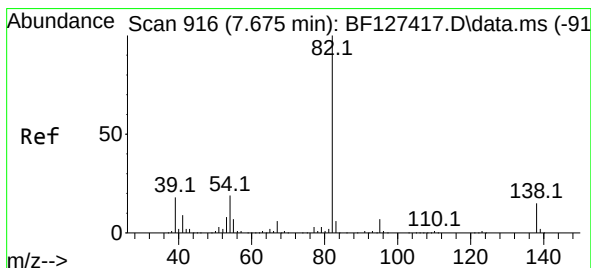
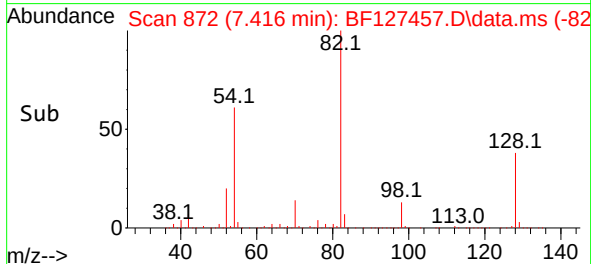
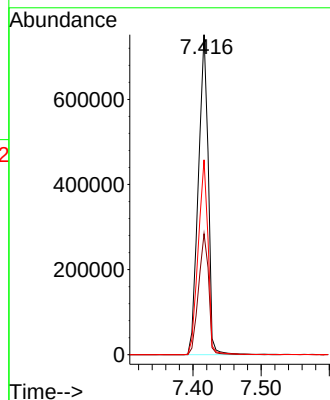
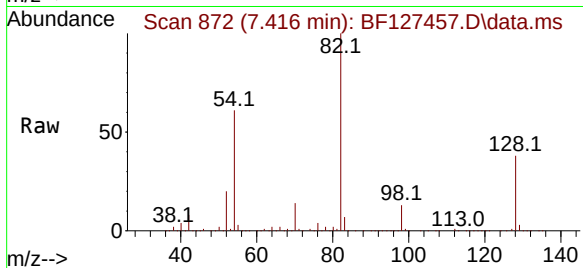




#23  
Nitrobenzene-d5  
Concen: 86.592 ng  
RT: 7.416 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BF127457.D  
Acq: 22 Mar 2022 17:49

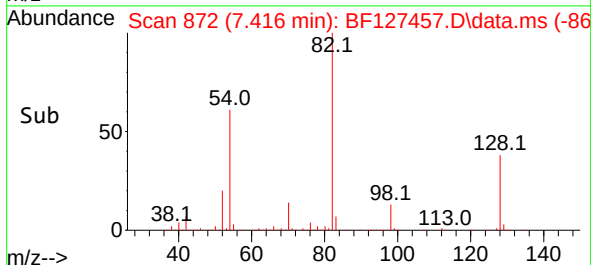
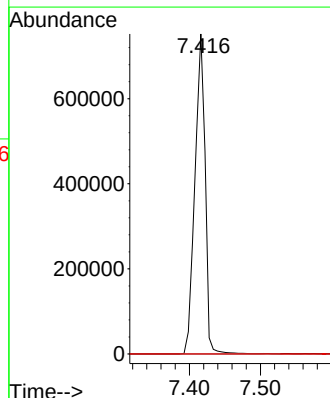
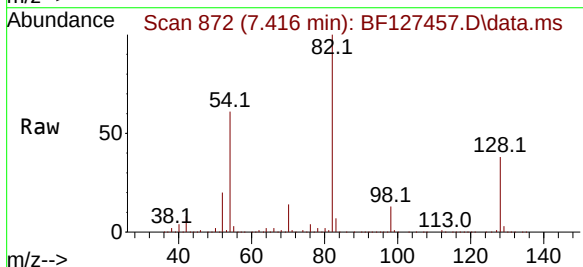
Instrument :  
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WC-14A-1A-1

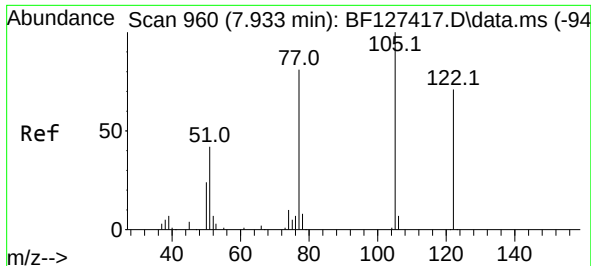
Tgt Ion: 82 Resp: 757466  
Ion Ratio Lower Upper  
82 100  
128 37.8 30.6 45.8  
54 60.9 48.2 72.2



#25  
Isophorone  
Concen: 54.367 ng  
RT: 7.416 min Scan# 872  
Delta R.T. -0.259 min  
Lab File: BF127457.D  
Acq: 22 Mar 2022 17:49

Tgt Ion: 82 Resp: 757459  
Ion Ratio Lower Upper  
82 100  
95 0.0 5.8 8.8#  
138 0.0 11.6 17.4#

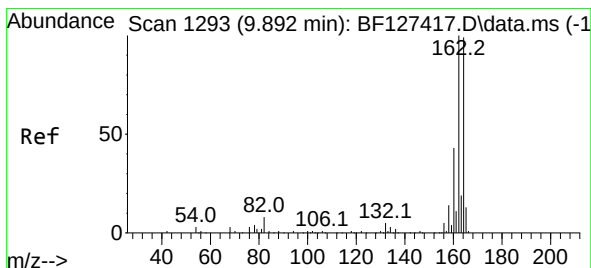
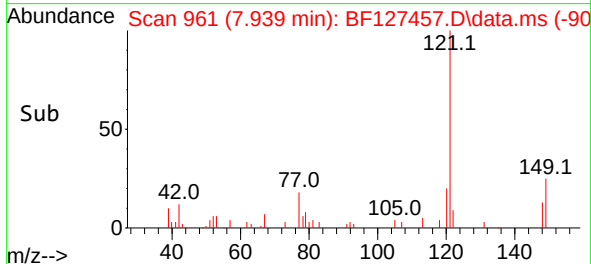
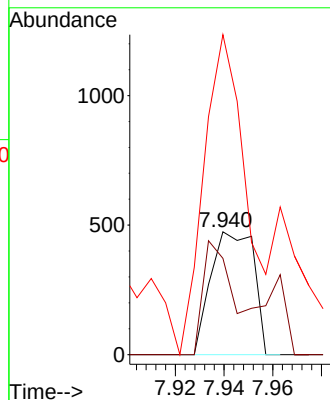
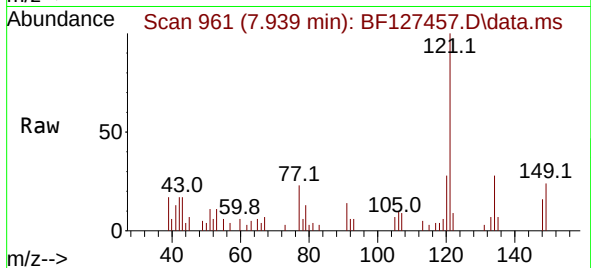




#32  
Benzoic acid  
Concen: 6.210 ng  
RT: 7.939 min Scan# 90  
Delta R.T. 0.006 min  
Lab File: BF127457.D  
Acq: 22 Mar 2022 17:49

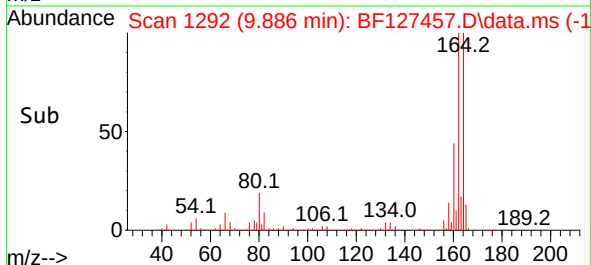
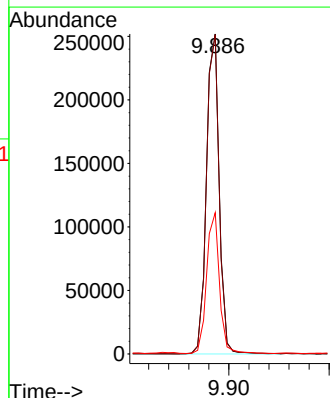
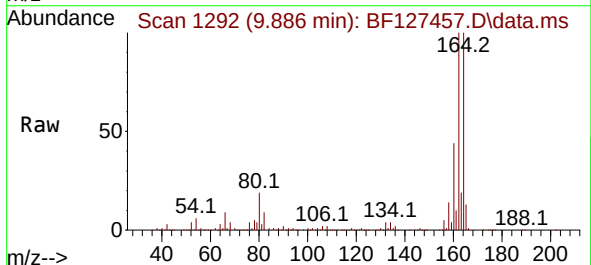
Instrument :  
BNA\_F  
ClientSampleId :  
WC-14A-1A-1

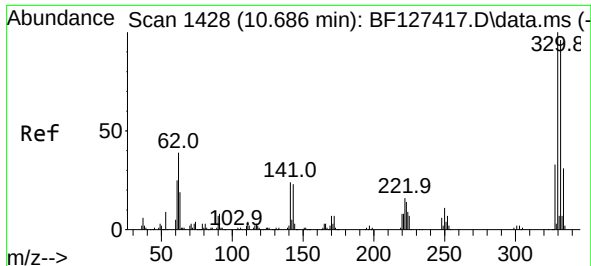
Tgt Ion:122 Resp: 580  
Ion Ratio Lower Upper  
122 100  
105 78.5 117.1 157.1#  
77 260.5 93.0 133.0#



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.886 min Scan# 1292  
Delta R.T. -0.006 min  
Lab File: BF127457.D  
Acq: 22 Mar 2022 17:49

Tgt Ion:164 Resp: 222914  
Ion Ratio Lower Upper  
164 100  
162 99.8 81.2 121.8  
160 44.2 34.6 52.0





#42

2,4,6-Tribromophenol

Concen: 134.014 ng

RT: 10.681 min Scan# 1428

Delta R.T. -0.006 min

Lab File: BF127457.D

Acq: 22 Mar 2022 17:49

Instrument :

BNA\_F

ClientSampleId :

WC-14A-1A-1

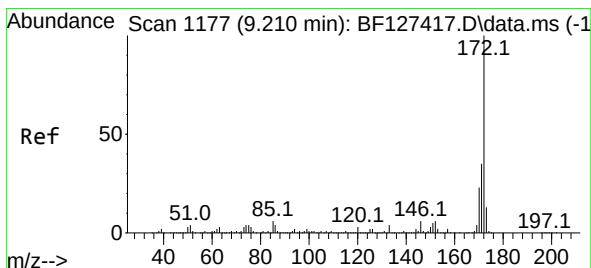
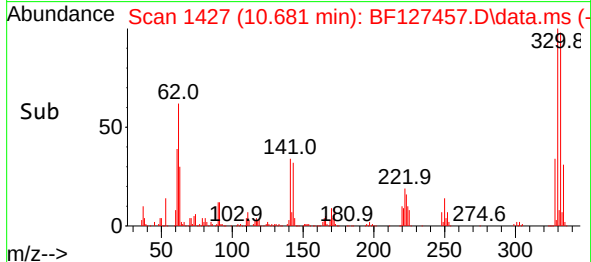
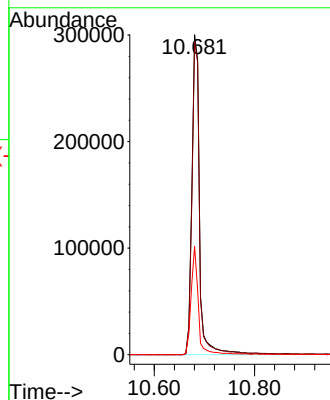
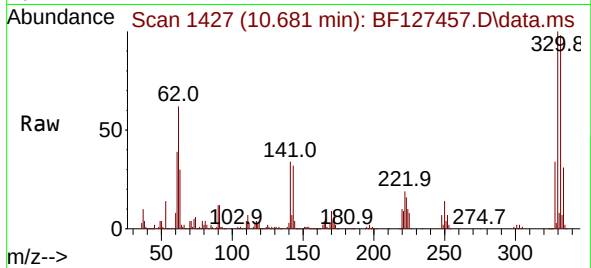
Tgt Ion:330 Resp: 318230

Ion Ratio Lower Upper

330 100

332 96.0 79.1 118.7

141 32.1 26.2 39.4



#45

2-Fluorobiphenyl

Concen: 84.914 ng

RT: 9.204 min Scan# 1176

Delta R.T. -0.006 min

Lab File: BF127457.D

Acq: 22 Mar 2022 17:49

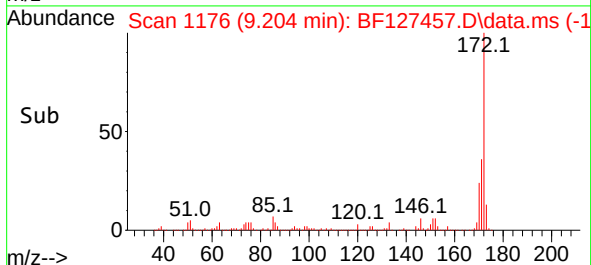
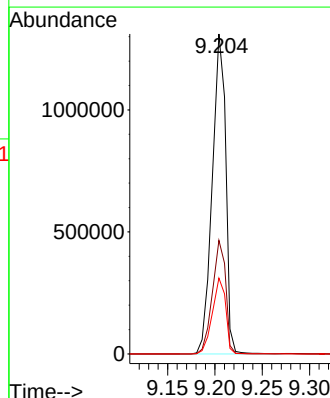
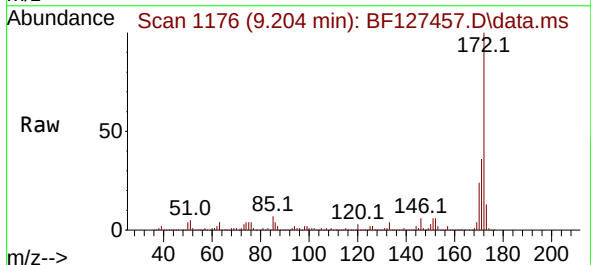
Tgt Ion:172 Resp: 1296273

Ion Ratio Lower Upper

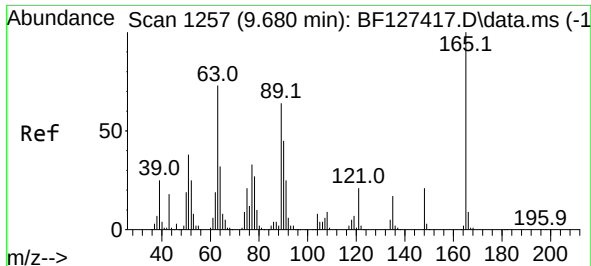
172 100

171 35.5 28.4 42.6

170 23.7 18.6 27.8



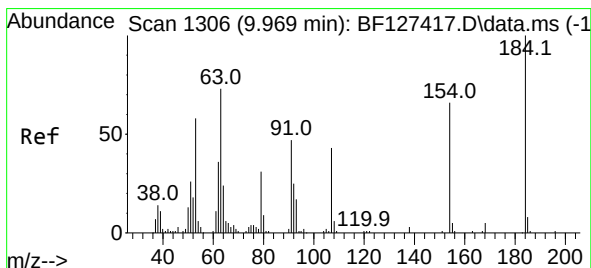
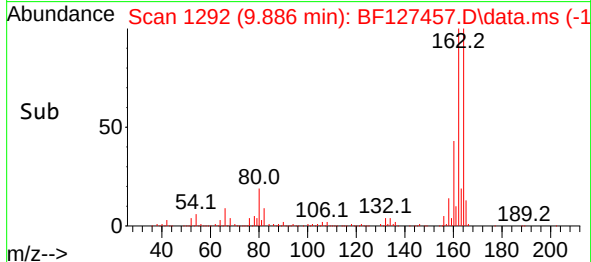
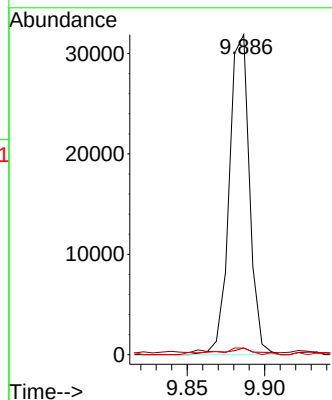
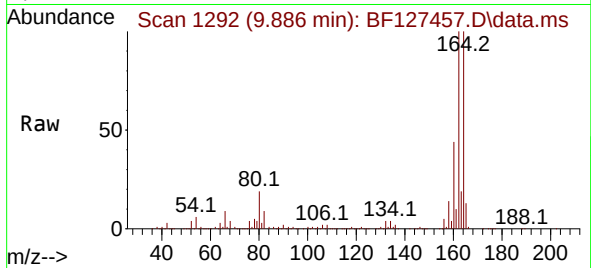




#51  
2,6-Dinitrotoluene  
Concen: 8.899 ng  
RT: 9.886 min Scan# 1317  
Delta R.T. 0.206 min  
Lab File: BF127457.D  
Acq: 22 Mar 2022 17:49

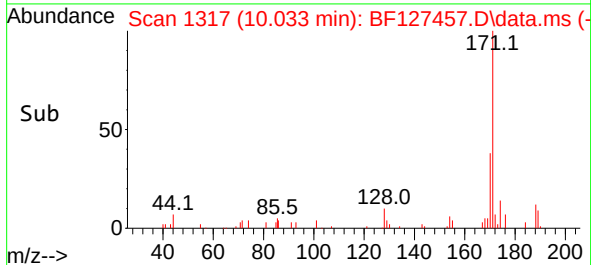
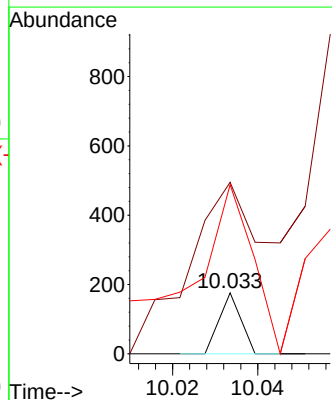
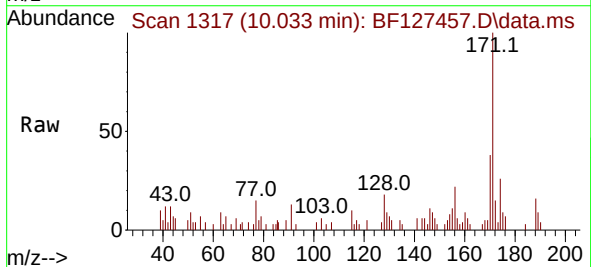
Instrument :  
BNA\_F  
ClientSampleId :  
WC-14A-1A-1

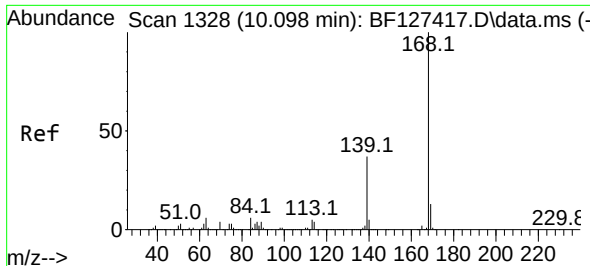
Tgt Ion:165 Resp: 28969  
Ion Ratio Lower Upper  
165 100  
63 2.1 58.3 87.5#  
89 2.0 51.5 77.3#



#54  
2,4-Dinitrophenol  
Concen: 8.734 ng  
RT: 10.033 min Scan# 1317  
Delta R.T. 0.064 min  
Lab File: BF127457.D  
Acq: 22 Mar 2022 17:49

Tgt Ion:184 Resp: 62  
Ion Ratio Lower Upper  
184 100  
63 281.3 58.1 87.1#  
154 277.3 53.2 79.8#

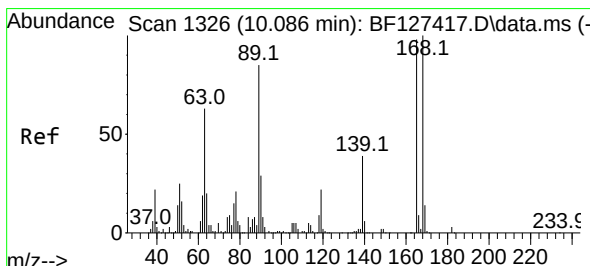
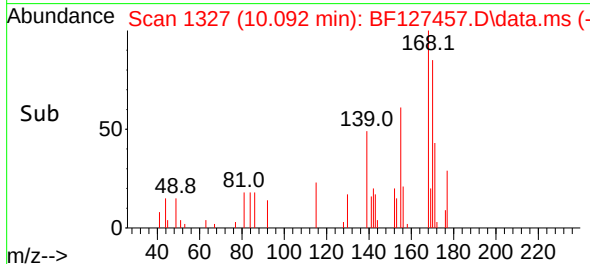
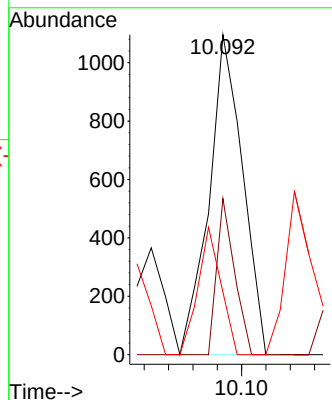
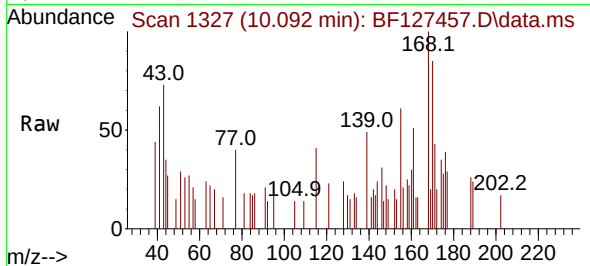




#55  
Dibenzenofuran  
Concen: Below Cal  
RT: 10.092 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF127457.D  
Acq: 22 Mar 2022 17:49

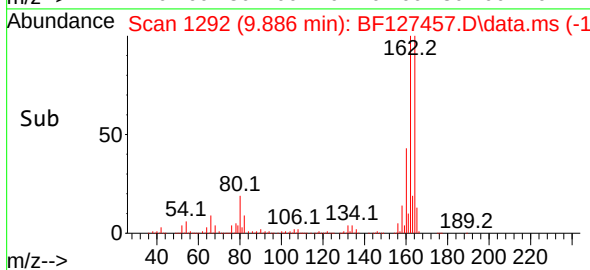
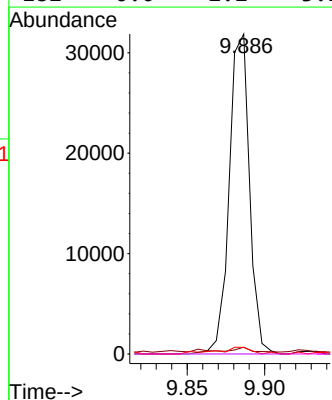
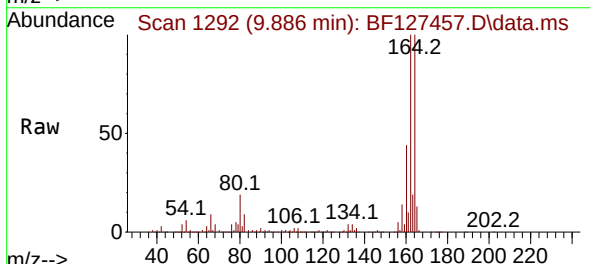
Instrument :  
BNA\_F  
ClientSampleId :  
WC-14A-1A-1

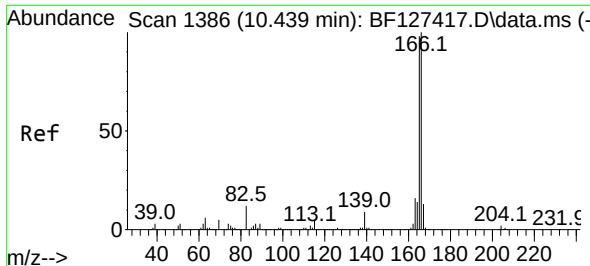
Tgt Ion:168 Resp: 1051  
Ion Ratio Lower Upper  
168 100  
139 48.8 30.3 45.5#  
169 19.5 10.8 16.2#



#57  
2,4-Dinitrotoluene  
Concen: 6.914 ng  
RT: 9.886 min Scan# 1292  
Delta R.T. -0.200 min  
Lab File: BF127457.D  
Acq: 22 Mar 2022 17:49

Tgt Ion:165 Resp: 28969  
Ion Ratio Lower Upper  
165 100  
63 2.1 53.1 79.7#  
89 2.0 69.2 103.8#  
182 0.0 2.2 3.2#

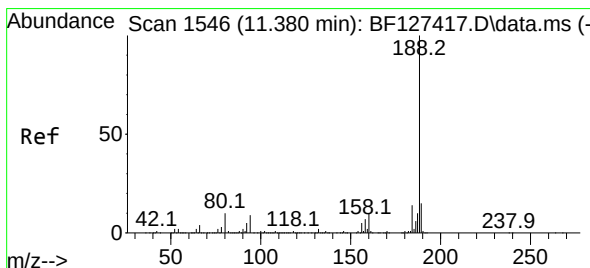
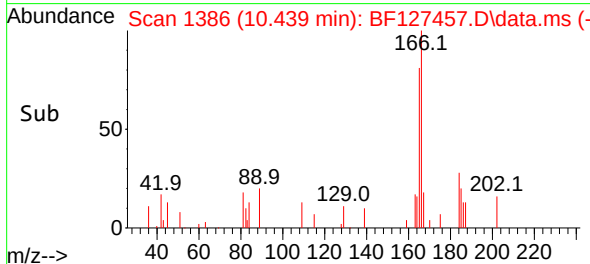
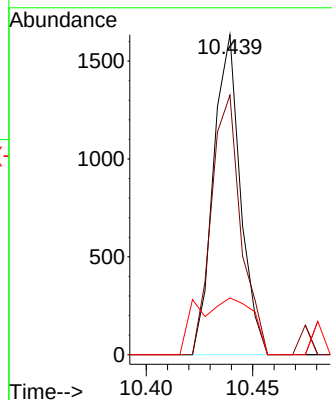
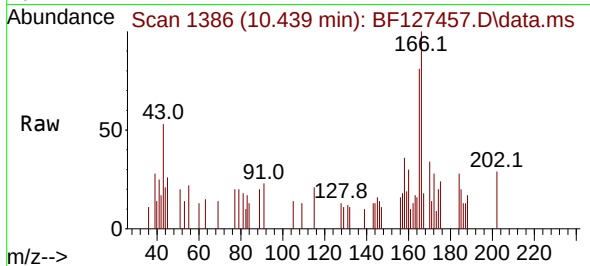




#58  
 Fluorene  
 Concen: Below Cal  
 RT: 10.439 min Scan# 11  
 Delta R.T. 0.000 min  
 Lab File: BF127457.D  
 Acq: 22 Mar 2022 17:49

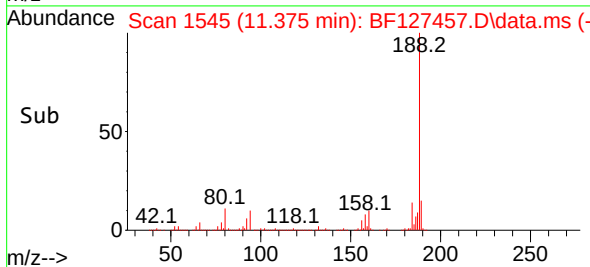
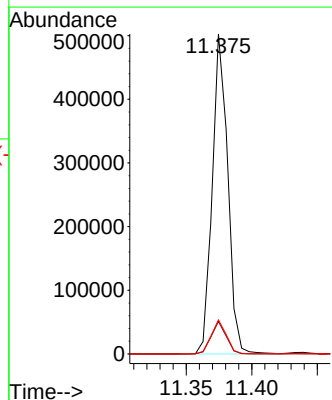
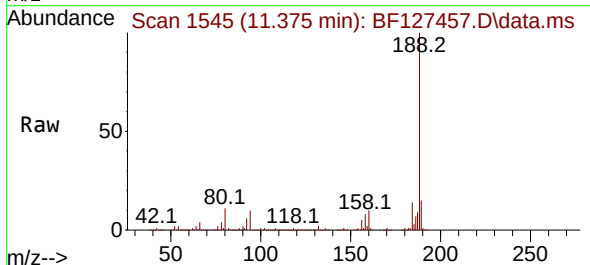
Instrument :  
 BNA\_F  
 ClientSampleId :  
 WC-14A-1A-1

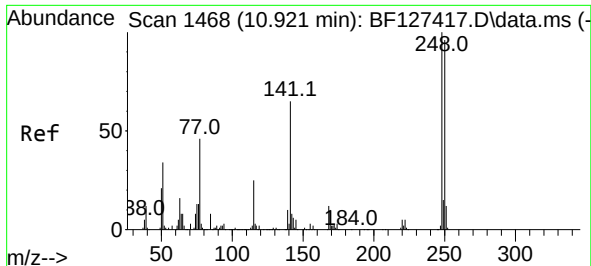
Tgt Ion:166 Resp: 1441  
 Ion Ratio Lower Upper  
 166 100  
 165 81.1 78.1 117.1  
 167 17.7 10.5 15.7#



#64  
 Phenanthrene-d10  
 Concen: 20.000 ng  
 RT: 11.375 min Scan# 1545  
 Delta R.T. -0.005 min  
 Lab File: BF127457.D  
 Acq: 22 Mar 2022 17:49

Tgt Ion:188 Resp: 413125  
 Ion Ratio Lower Upper  
 188 100  
 94 10.1 7.4 11.0  
 80 10.7 8.0 12.0

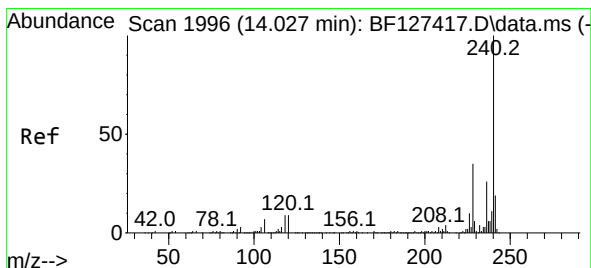
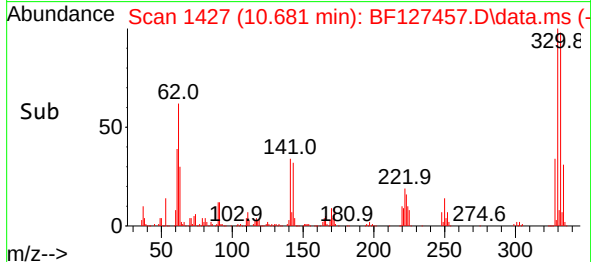
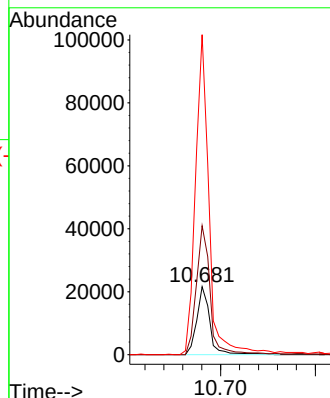
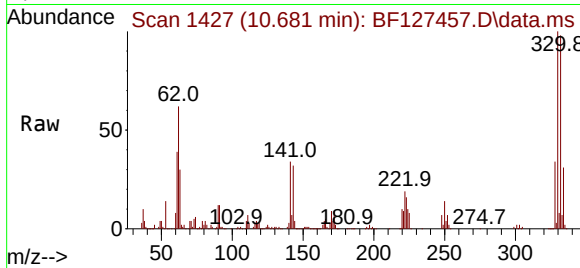




#67  
4-Bromophenyl-phenylether  
Concen: 4.314 ng  
RT: 10.681 min Scan# 1468  
Delta R.T. -0.241 min  
Lab File: BF127457.D  
Acq: 22 Mar 2022 17:49

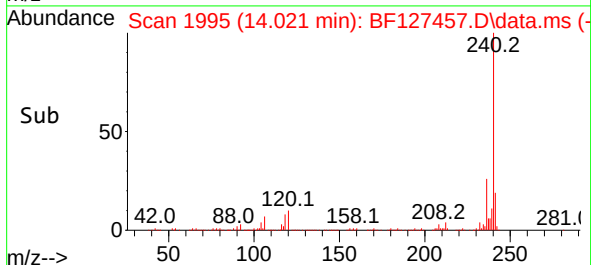
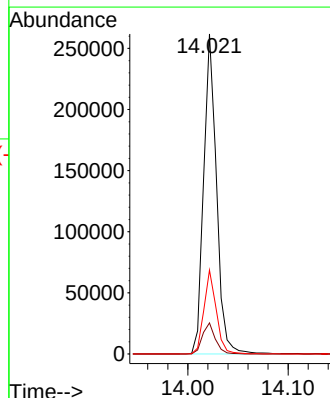
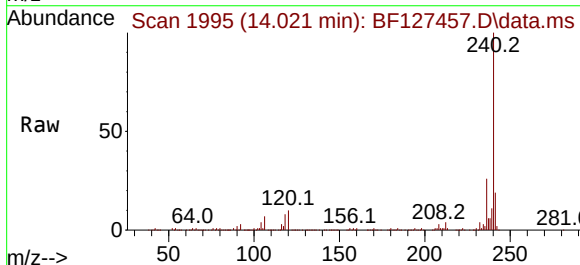
Instrument :  
BNA\_F  
ClientSampleId :  
WC-14A-1A-1

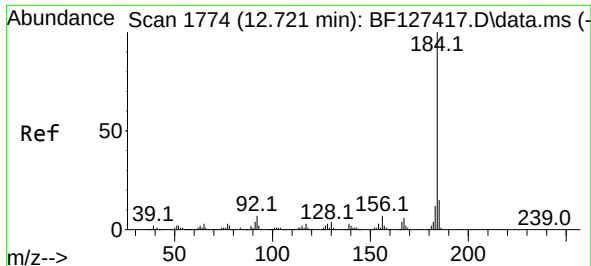
Tgt Ion:248 Resp: 20808  
Ion Ratio Lower Upper  
248 100  
250 189.5 76.6 115.0#  
141 470.1 52.2 78.2#



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.021 min Scan# 1995  
Delta R.T. -0.006 min  
Lab File: BF127457.D  
Acq: 22 Mar 2022 17:49

Tgt Ion:240 Resp: 234095  
Ion Ratio Lower Upper  
240 100  
120 9.7 7.1 10.7  
236 26.2 20.7 31.1

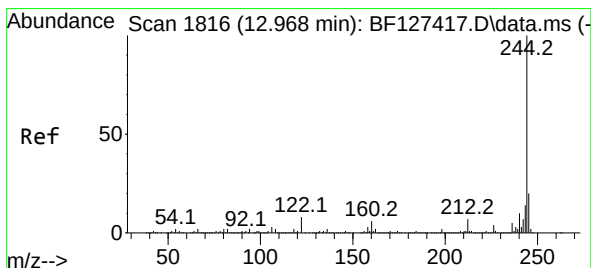
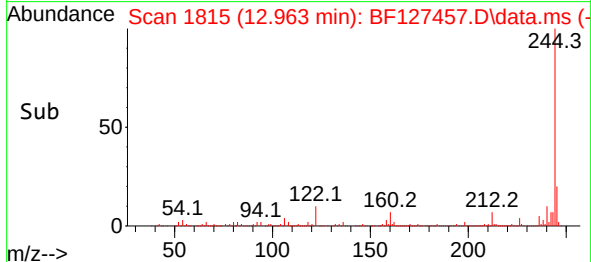
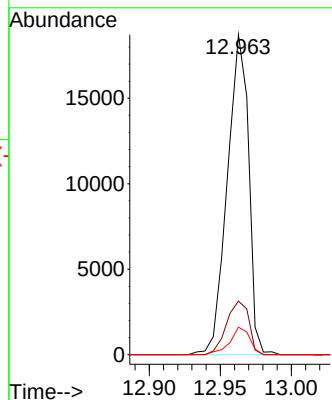
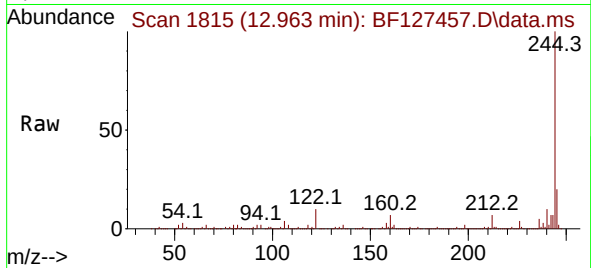




#77  
Benzidine  
Concen: 3.501 ng  
RT: 12.963 min Scan# 1815  
Delta R.T. 0.241 min  
Lab File: BF127457.D  
Acq: 22 Mar 2022 17:49

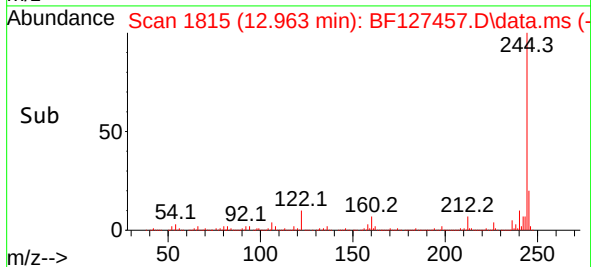
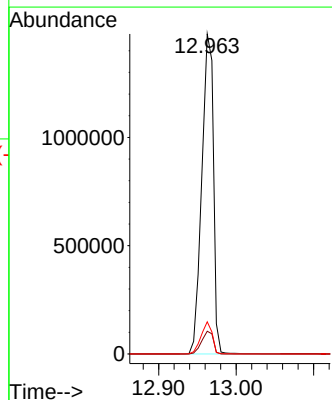
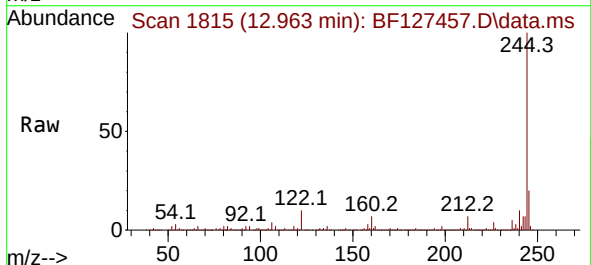
Instrument :  
BNA\_F  
ClientSampleId :  
WC-14A-1A-1

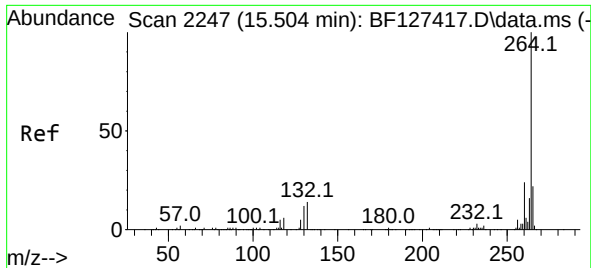
Tgt Ion:184 Resp: 19539  
Ion Ratio Lower Upper  
184 100  
185 16.7 12.2 18.2  
183 8.6 9.4 14.0#



#79  
Terphenyl-d14  
Concen: 107.796 ng  
RT: 12.963 min Scan# 1815  
Delta R.T. -0.006 min  
Lab File: BF127457.D  
Acq: 22 Mar 2022 17:49

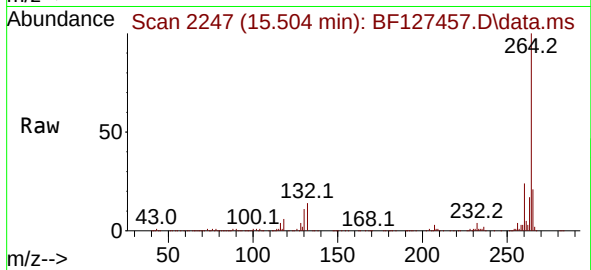
Tgt Ion:244 Resp: 1541491  
Ion Ratio Lower Upper  
244 100  
212 7.1 5.7 8.5  
122 10.1 6.2 9.2#





#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.504 min Scan# 21  
 Delta R.T. 0.000 min  
 Lab File: BF127457.D  
 Acq: 22 Mar 2022 17:49

Instrument :  
 BNA\_F  
 ClientSampleId :  
 WC-14A-1A-1



Tgt Ion:264 Resp: 197015  
 Ion Ratio Lower Upper  
 264 100  
 260 24.5 19.1 28.7  
 265 20.8 17.4 26.2

