

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF112922\  
 Data File : BF131455.D  
 Acq On : 29 Nov 2022 14:22  
 Operator : CG\JU  
 Sample : N5762-08RX  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-2

Quant Time: Nov 30 01:05:22 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF112122.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Nov 29 00:18:36 2022  
 Response via : Initial Calibration

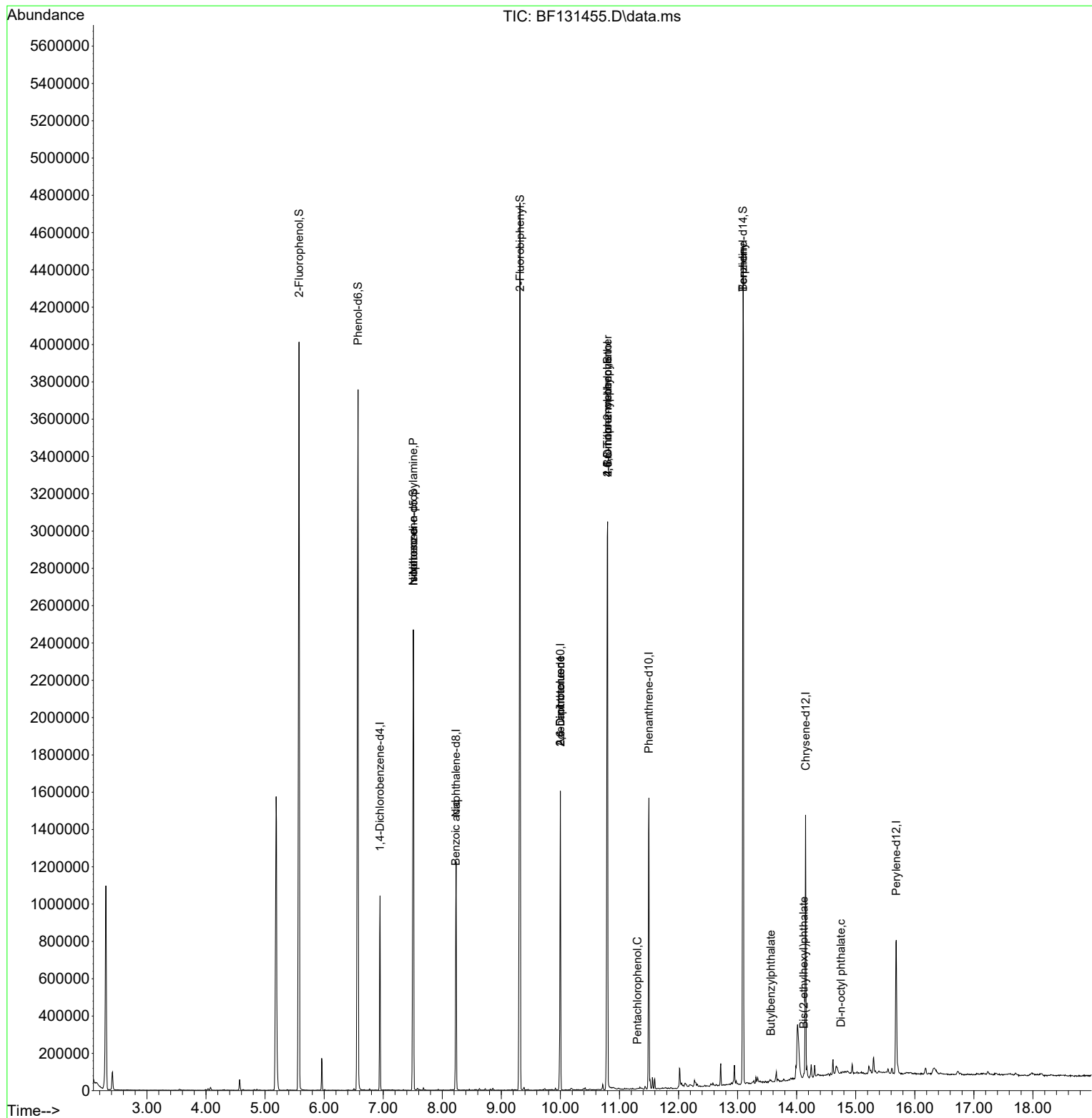
| Compound                      | R.T.   | QIon | Response | Conc      | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|-----------|--------|----------|
| Internal Standards            |        |      |          |           |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.946  | 152  | 150918   | 20.000    | ng     | 0.00     |
| 21) Naphthalene-d8            | 8.234  | 136  | 570733   | 20.000    | ng     | #-0.01   |
| 39) Acenaphthene-d10          | 9.998  | 164  | 324061   | 20.000    | ng     | -0.01    |
| 64) Phenanthrene-d10          | 11.498 | 188  | 583916   | 20.000    | ng     | 0.00     |
| 76) Chrysene-d12              | 14.151 | 240  | 453819   | 20.000    | ng     | #-0.02   |
| 86) Perylene-d12              | 15.686 | 264  | 364891   | 20.000    | ng     | -0.01    |
| System Monitoring Compounds   |        |      |          |           |        |          |
| 5) 2-Fluorophenol             | 5.575  | 112  | 1237792  | 156.097   | ng     | 0.02     |
| 7) Phenol-d6                  | 6.575  | 99   | 1540595  | 152.273   | ng     | 0.00     |
| 23) Nitrobenzene-d5           | 7.510  | 82   | 996892   | 88.048    | ng     | -0.02    |
| 42) 2,4,6-Tribromophenol      | 10.798 | 330  | 454889   | 166.849   | ng     | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.316  | 172  | 1733660  | 77.830    | ng     | -0.01    |
| 79) Terphenyl-d14             | 13.092 | 244  | 1842991  | 66.409    | ng     | -0.01    |
| Target Compounds              |        |      |          |           |        |          |
| 9) Benzaldehyde               | 6.498  | 77   | 230      | Below Cal | Qvalue | # 50     |
| 19) n-Nitroso-di-n-propyla... | 7.510  | 70   | 132651   | 17.910    | ng     | # 71     |
| 25) Isophorone                | 7.510  | 82   | 994666   | 49.242    | ng     | # 68     |
| 32) Benzoic acid              | 8.228  | 122  | 108      | 5.152     | ng     | # 1      |
| 51) 2,6-Dinitrotoluene        | 9.998  | 165  | 41751    | 9.246     | ng     | # 15     |
| 57) 2,4-Dinitrotoluene        | 9.998  | 165  | 41751    | 7.349     | ng     | # 19     |
| 65) 4,6-Dinitro-2-methylph... | 10.798 | 198  | 957      | 5.002     | ng     | # 1      |
| 67) 4-Bromophenyl-phenylether | 10.798 | 248  | 29254    | 4.088     | ng     | # 1      |
| 70) Pentachlorophenol         | 11.304 | 266  | 55       | 4.890     | ng     | # 19     |
| 77) Benzidine                 | 13.092 | 184  | 22400    | 2.672     | ng     | # 92     |
| 80) Butylbenzylphthalate      | 13.563 | 149  | 500      | 4.177     | ng     | # 67     |
| 84) Bis(2-ethylhexyl)phtha... | 14.121 | 149  | 7359     | 4.128     | ng     | # 99     |
| 85) Di-n-octyl phthalate      | 14.751 | 149  | 473      | 3.923     | ng     | # 70     |

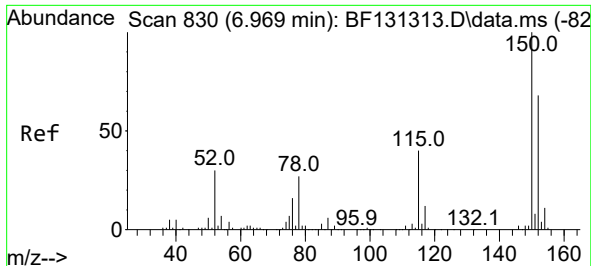
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF112922\  
Data File : BF131455.D  
Acq On : 29 Nov 2022 14:22  
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Sample : N5762-08RX  
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ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
TP-2

Quant Time: Nov 30 01:05:22 2022  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF112122.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Nov 29 00:18:36 2022  
Response via : Initial Calibration

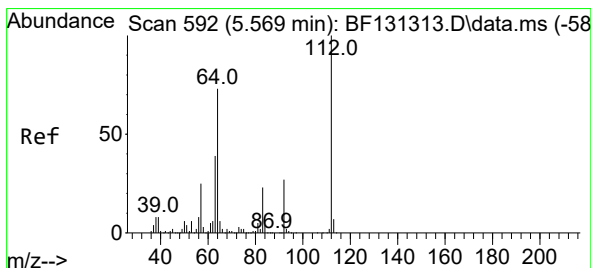
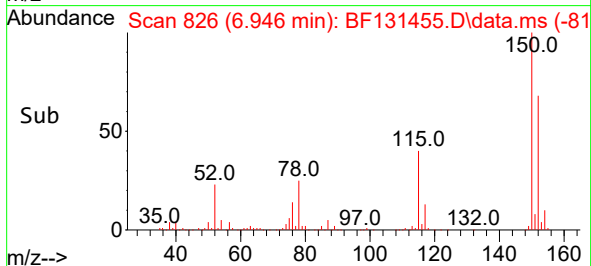
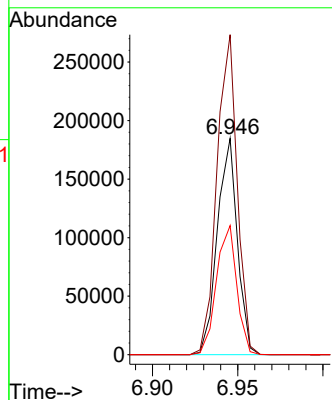
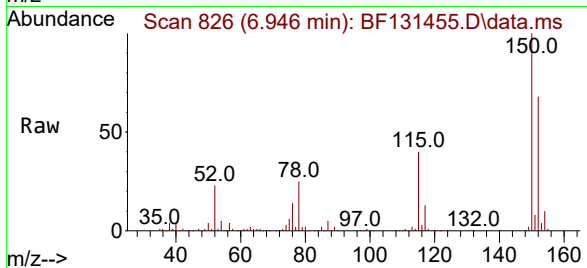




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.946 min Scan# 81  
Delta R.T. -0.005 min  
Lab File: BF131455.D  
Acq: 29 Nov 2022 14:22

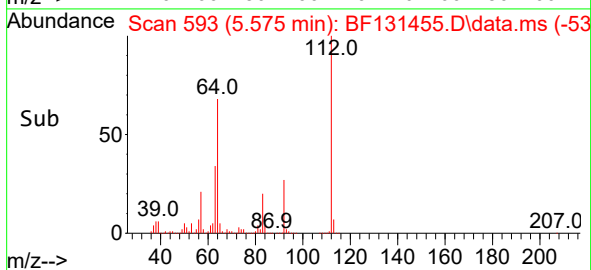
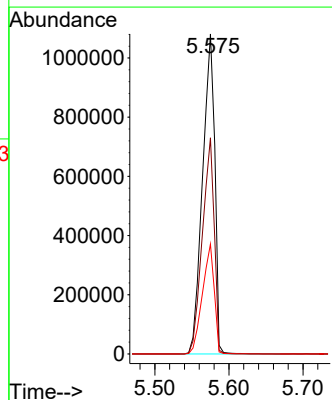
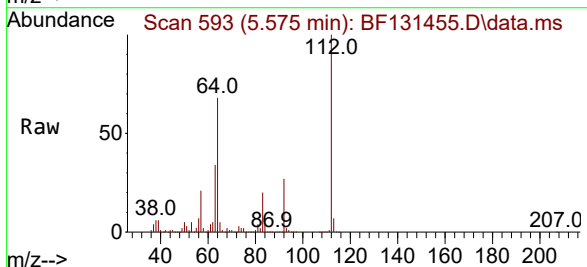
Instrument :  
BNA\_F  
ClientSampleId :  
TP-2

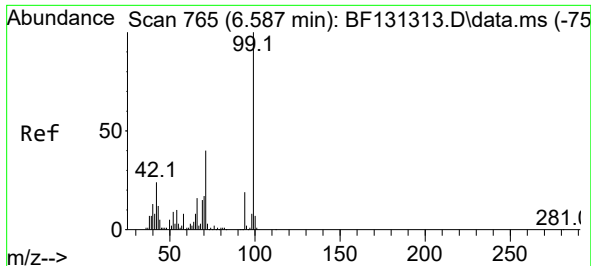
Tgt Ion:152 Resp: 150918  
Ion Ratio Lower Upper  
152 100  
150 148.0 117.8 176.8  
115 59.7 47.1 70.7



#5  
2-Fluorophenol  
Concen: 156.097 ng  
RT: 5.575 min Scan# 593  
Delta R.T. 0.018 min  
Lab File: BF131455.D  
Acq: 29 Nov 2022 14:22

Tgt Ion:112 Resp: 1237792  
Ion Ratio Lower Upper  
112 100  
64 67.6 58.6 88.0  
63 34.4 31.4 47.0

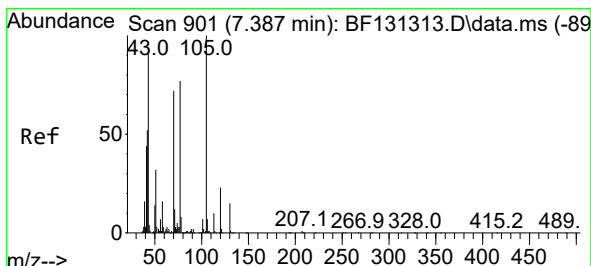
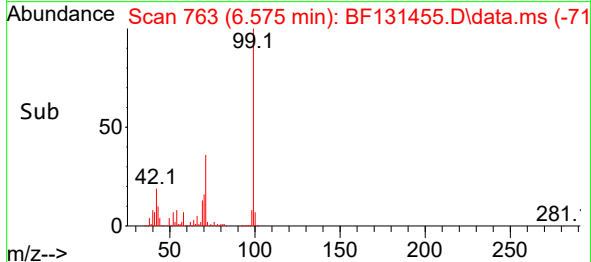
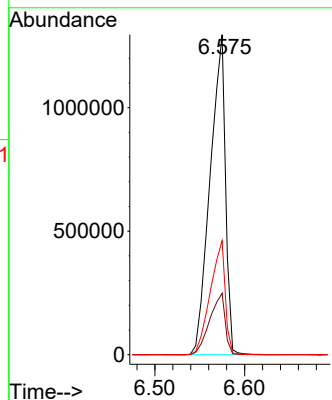
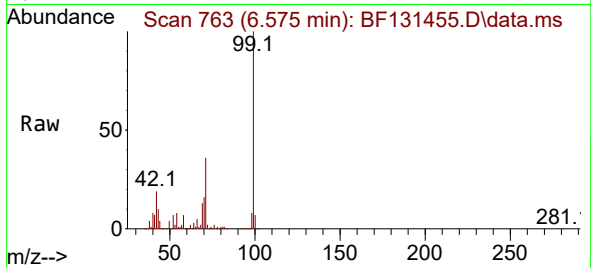




#7  
Phenol-d6  
Concen: 152.273 ng  
RT: 6.575 min Scan# 71  
Delta R.T. 0.000 min  
Lab File: BF131455.D  
Acq: 29 Nov 2022 14:22

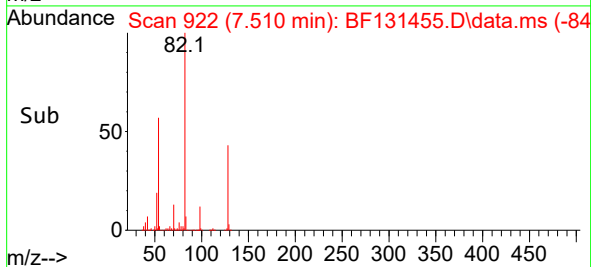
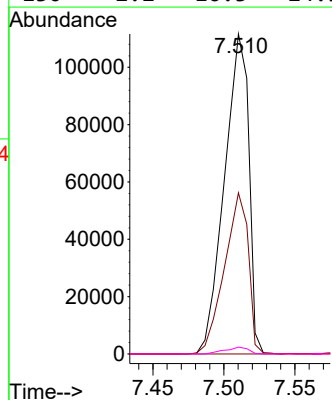
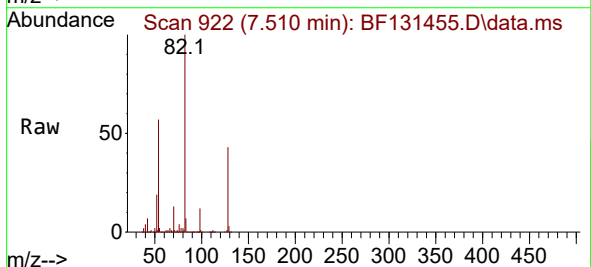
Instrument :  
BNA\_F  
ClientSampleId :  
TP-2

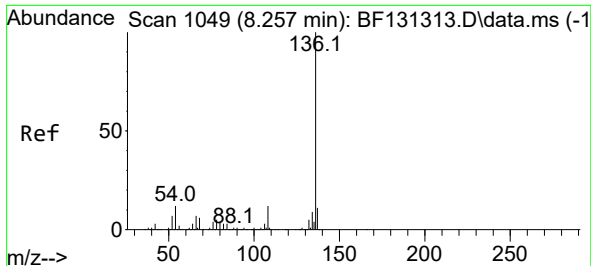
Tgt Ion: 99 Resp: 1540595  
Ion Ratio Lower Upper  
99 100  
42 19.2 19.4 29.2#  
71 35.6 32.3 48.5



#19  
n-Nitroso-di-n-propylamine  
Concen: 17.910 ng  
RT: 7.510 min Scan# 922  
Delta R.T. 0.141 min  
Lab File: BF131455.D  
Acq: 29 Nov 2022 14:22

Tgt Ion: 70 Resp: 132651  
Ion Ratio Lower Upper  
70 100  
42 50.4 57.6 86.4#  
101 0.0 8.2 12.2#  
130 2.2 16.3 24.5#

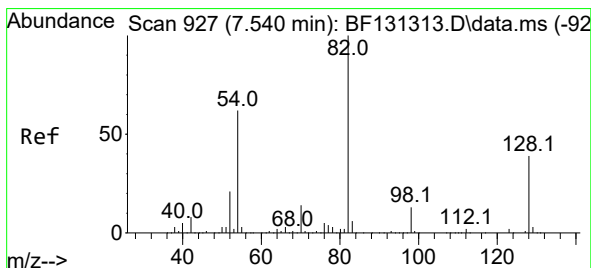
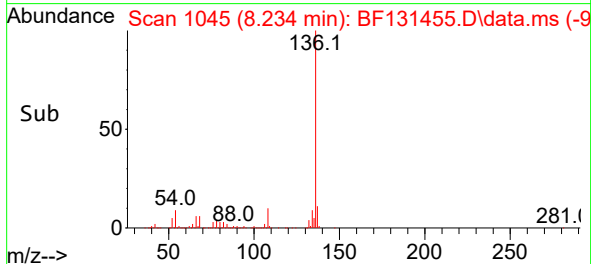
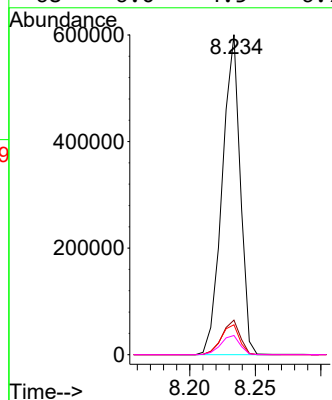
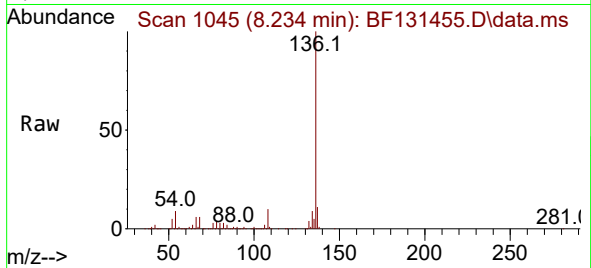




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.234 min Scan# 1045  
Delta R.T. -0.012 min  
Lab File: BF131455.D  
Acq: 29 Nov 2022 14:22

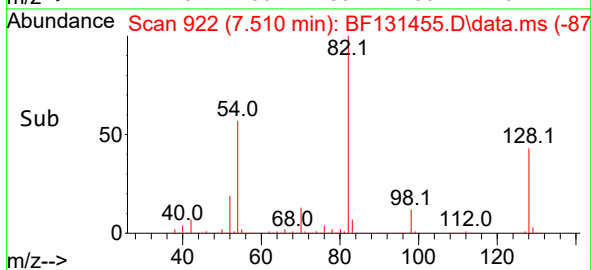
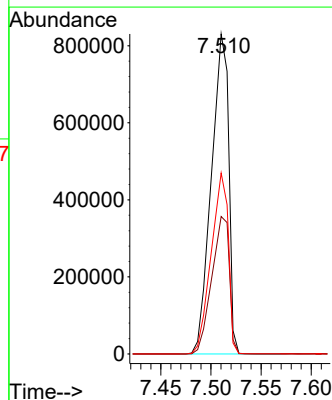
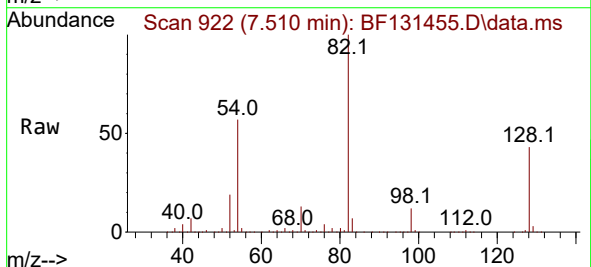
Instrument :  
BNA\_F  
ClientSampleId :  
TP-2

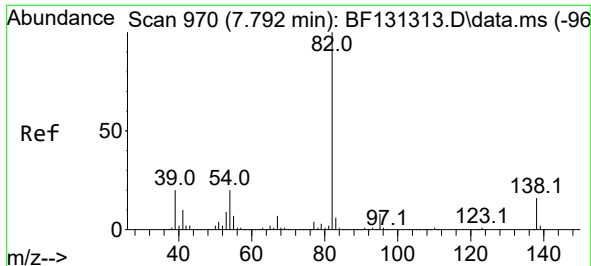
Tgt Ion:136 Resp: 570733  
Ion Ratio Lower Upper  
136 100  
137 10.8 9.0 13.6  
54 9.4 9.4 14.0#  
68 6.0 4.5 6.7



#23  
Nitrobenzene-d5  
Concen: 88.048 ng  
RT: 7.510 min Scan# 922  
Delta R.T. -0.018 min  
Lab File: BF131455.D  
Acq: 29 Nov 2022 14:22

Tgt Ion: 82 Resp: 996892  
Ion Ratio Lower Upper  
82 100  
128 42.9 31.4 47.0  
54 56.5 49.8 74.6

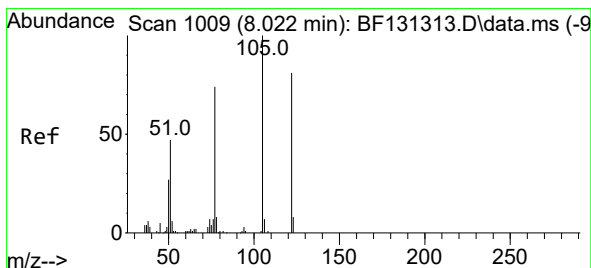
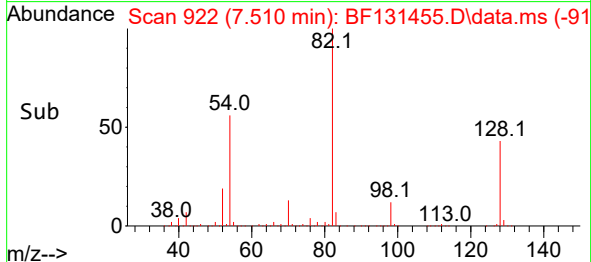
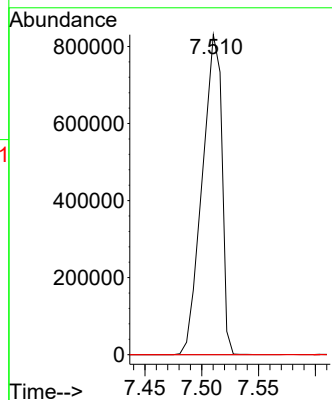
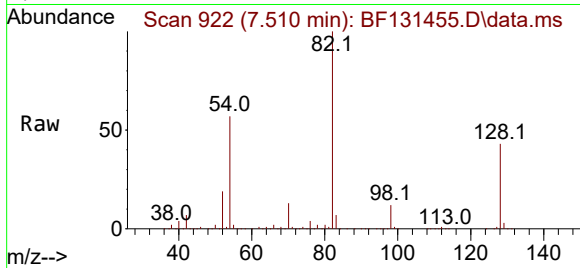




#25  
Isophorone  
Concen: 49.242 ng  
RT: 7.510 min Scan# 91  
Delta R.T. -0.271 min  
Lab File: BF131455.D  
Acq: 29 Nov 2022 14:22

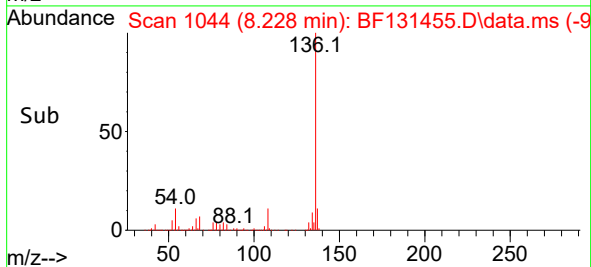
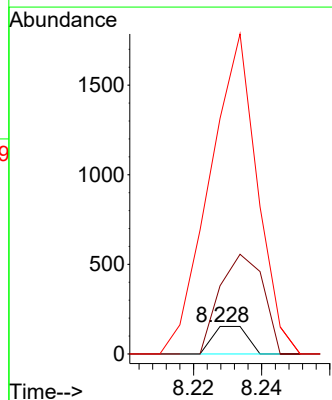
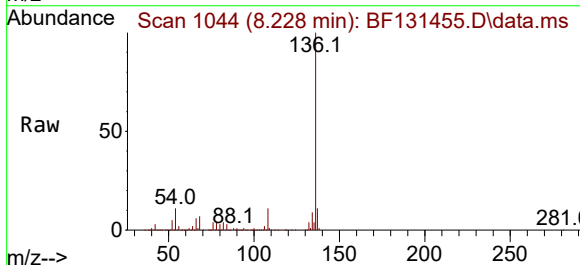
Instrument :  
BNA\_F  
ClientSampleId :  
TP-2

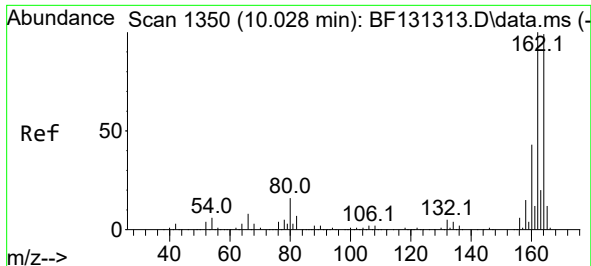
Tgt Ion: 82 Resp: 994666  
Ion Ratio Lower Upper  
82 100  
95 0.0 6.2 9.2#  
138 0.0 12.7 19.1#



#32  
Benzoic acid  
Concen: 5.152 ng  
RT: 8.228 min Scan# 1044  
Delta R.T. 0.224 min  
Lab File: BF131455.D  
Acq: 29 Nov 2022 14:22

Tgt Ion:122 Resp: 108  
Ion Ratio Lower Upper  
122 100  
105 248.4 103.8 143.8#  
77 858.8 74.3 114.3#

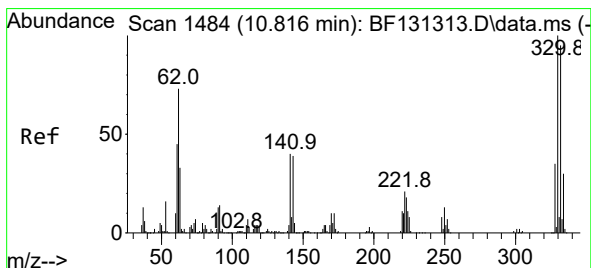
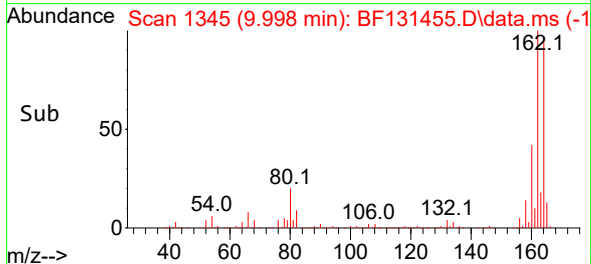
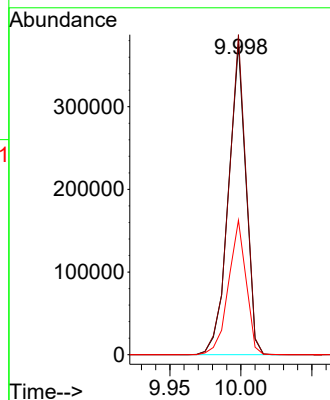
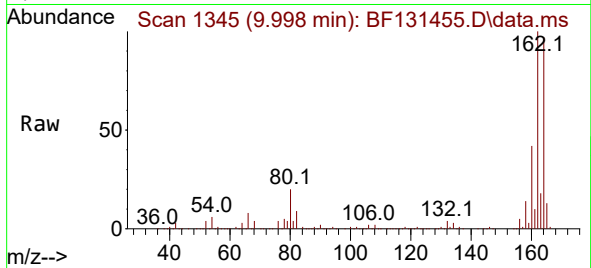




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.998 min Scan# 1  
Delta R.T. -0.012 min  
Lab File: BF131455.D  
Acq: 29 Nov 2022 14:22

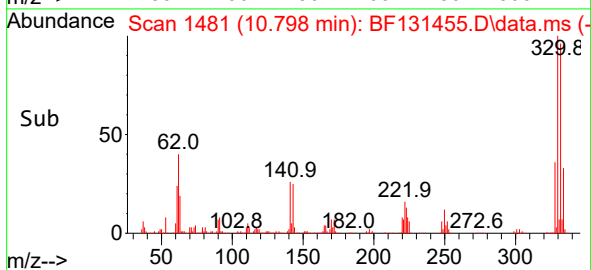
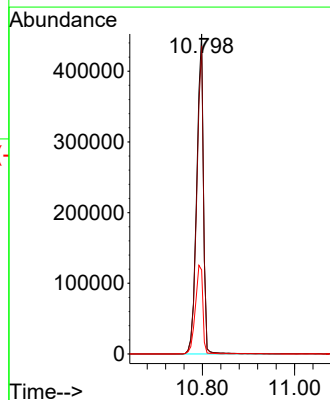
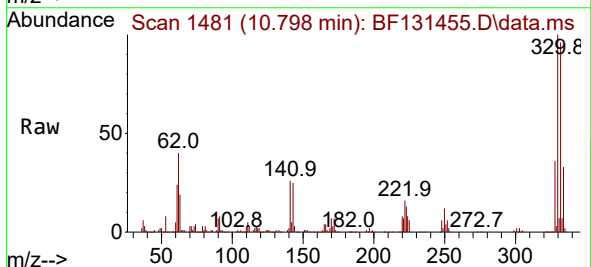
Instrument :  
BNA\_F  
ClientSampleId :  
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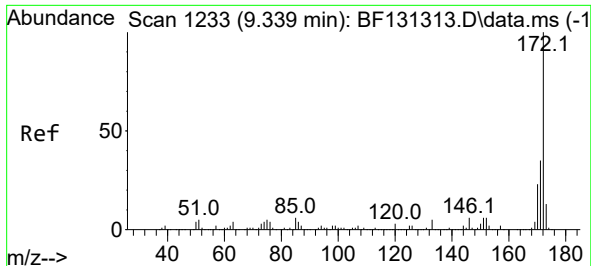
Tgt Ion:164 Resp: 324061  
Ion Ratio Lower Upper  
164 100  
162 103.0 80.6 120.8  
160 43.3 34.4 51.6



#42  
2,4,6-Tribromophenol  
Concen: 166.849 ng  
RT: 10.798 min Scan# 1481  
Delta R.T. -0.006 min  
Lab File: BF131455.D  
Acq: 29 Nov 2022 14:22

Tgt Ion:330 Resp: 454889  
Ion Ratio Lower Upper  
330 100  
332 95.4 77.5 116.3  
141 30.7 29.3 43.9





#45

2-Fluorobiphenyl

Concen: 77.830 ng

RT: 9.316 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF131455.D

Acq: 29 Nov 2022 14:22

Instrument :

BNA\_F

ClientSampleId :

TP-2

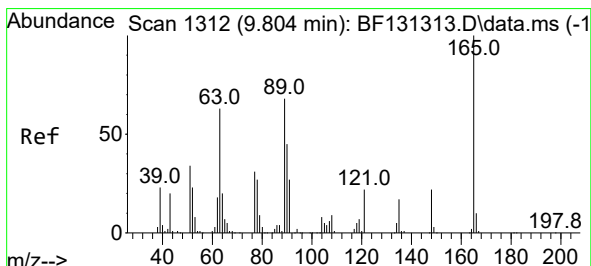
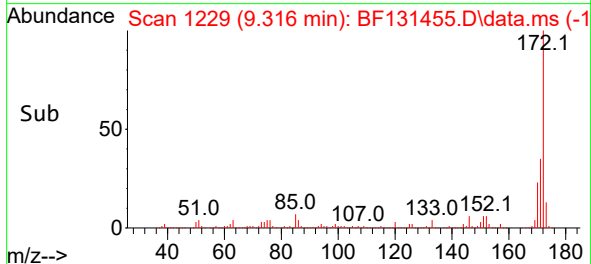
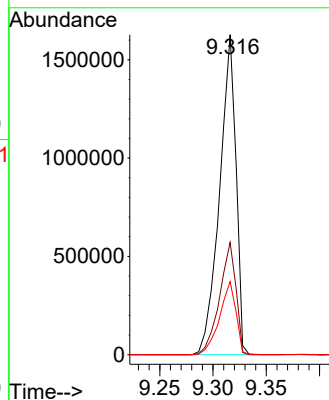
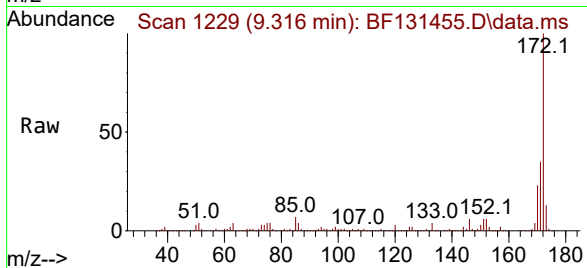
Tgt Ion:172 Resp: 1733660

Ion Ratio Lower Upper

172 100

171 35.1 28.2 42.2

170 22.8 18.7 28.1



#51

2,6-Dinitrotoluene

Concen: 9.246 ng

RT: 9.998 min Scan# 1345

Delta R.T. 0.206 min

Lab File: BF131455.D

Acq: 29 Nov 2022 14:22

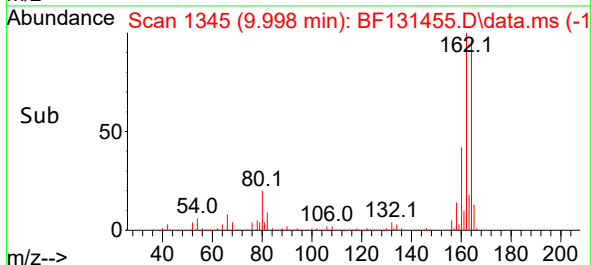
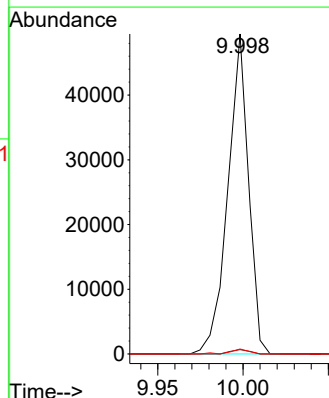
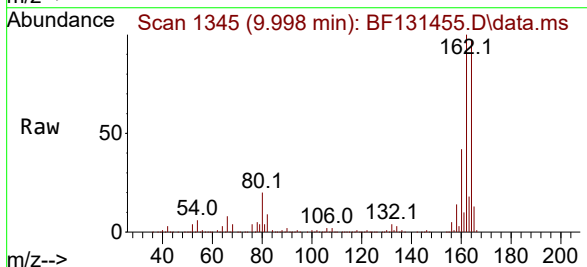
Tgt Ion:165 Resp: 41751

Ion Ratio Lower Upper

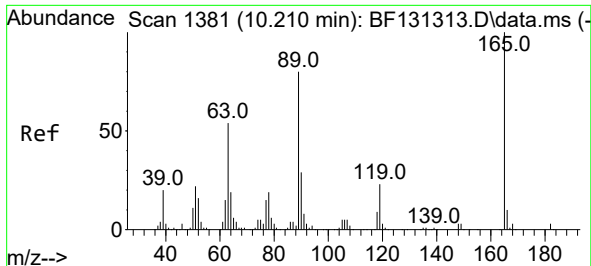
165 100

63 1.3 62.0 93.0#

89 1.5 54.4 81.6#



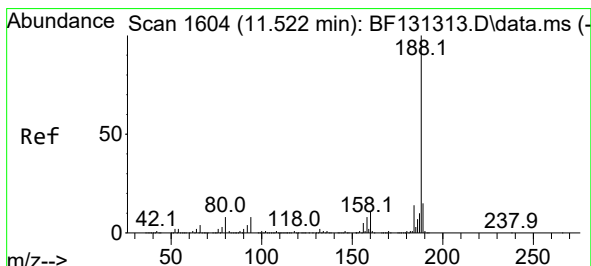
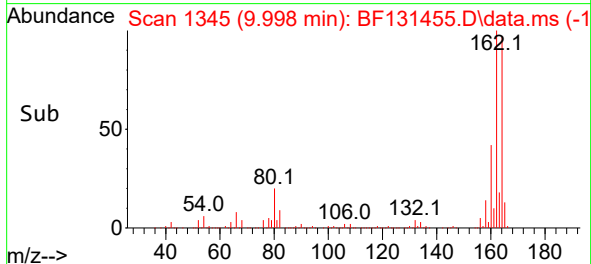
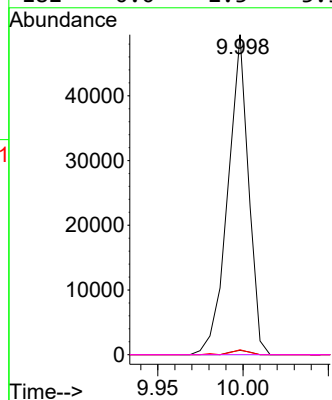
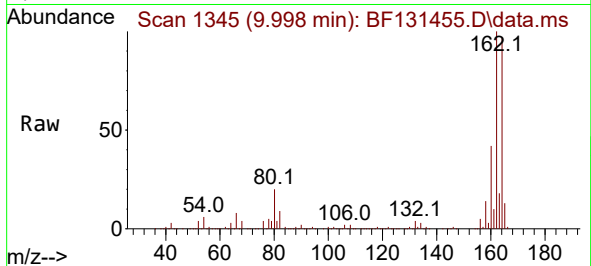




#57  
2,4-Dinitrotoluene  
Concen: 7.349 ng  
RT: 9.998 min Scan# 11  
Delta R.T. -0.200 min  
Lab File: BF131455.D  
Acq: 29 Nov 2022 14:22

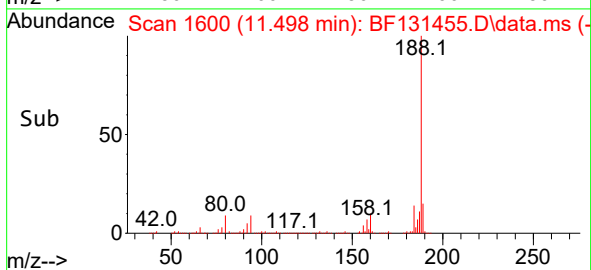
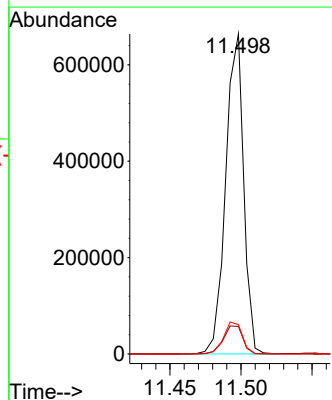
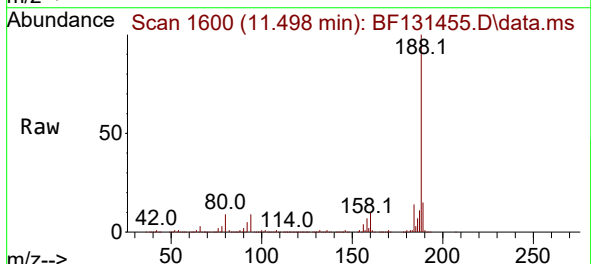
Instrument :  
BNA\_F  
ClientSampleId :  
TP-2

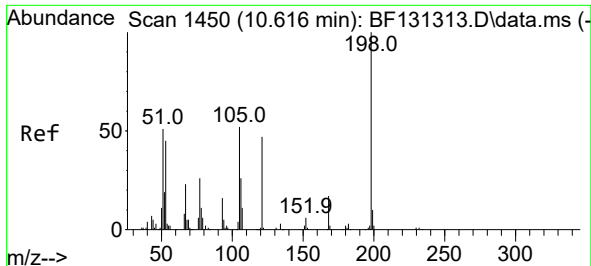
Tgt Ion:165 Resp: 41751  
Ion Ratio Lower Upper  
165 100  
63 1.3 43.4 65.2#  
89 1.5 64.0 96.0#  
182 0.0 2.3 3.5#



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.498 min Scan# 1600  
Delta R.T. -0.006 min  
Lab File: BF131455.D  
Acq: 29 Nov 2022 14:22

Tgt Ion:188 Resp: 583916  
Ion Ratio Lower Upper  
188 100  
94 8.6 6.3 9.5  
80 9.2 6.8 10.2

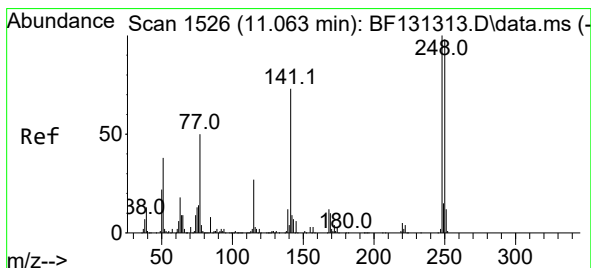
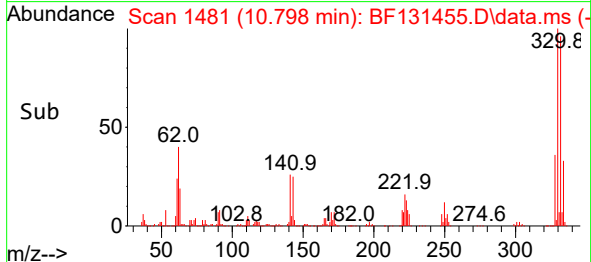
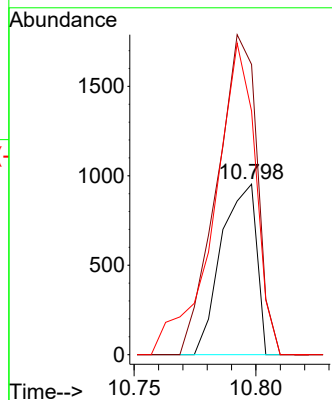
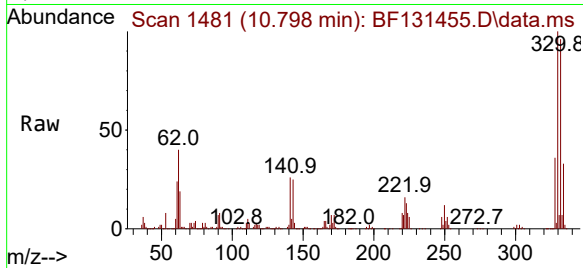




#65  
4,6-Dinitro-2-methylphenol  
Concen: 5.002 ng  
RT: 10.798 min Scan# 1450  
Delta R.T. 0.194 min  
Lab File: BF131455.D  
Acq: 29 Nov 2022 14:22

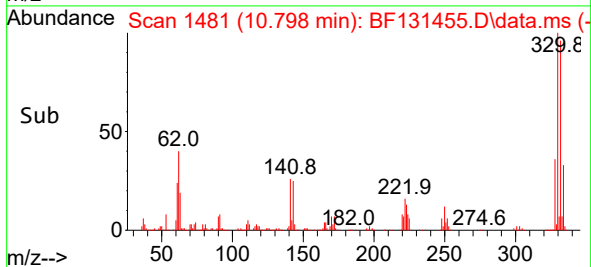
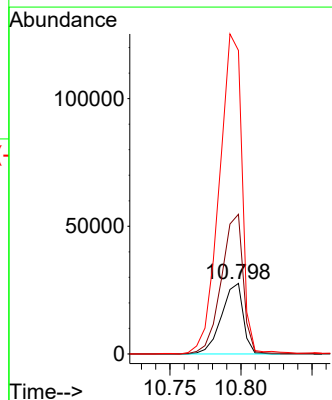
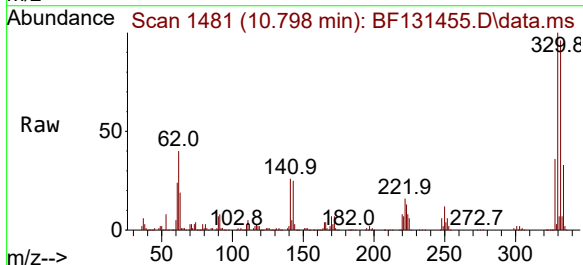
Instrument :  
BNA\_F  
ClientSampleId :  
TP-2

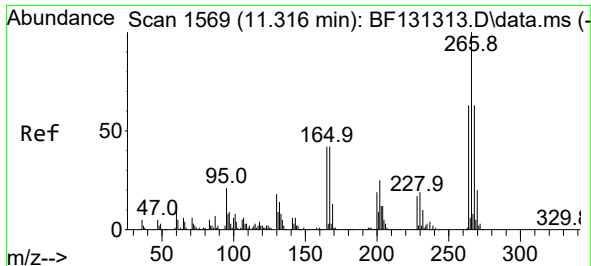
Tgt Ion:198 Resp: 957  
Ion Ratio Lower Upper  
198 100  
51 170.3 50.1 90.1#  
105 142.9 32.5 72.5#



#67  
4-Bromophenyl-phenylether  
Concen: 4.088 ng  
RT: 10.798 min Scan# 1481  
Delta R.T. -0.247 min  
Lab File: BF131455.D  
Acq: 29 Nov 2022 14:22

Tgt Ion:248 Resp: 29254  
Ion Ratio Lower Upper  
248 100  
250 198.1 78.3 117.5#  
141 430.4 58.0 87.0#

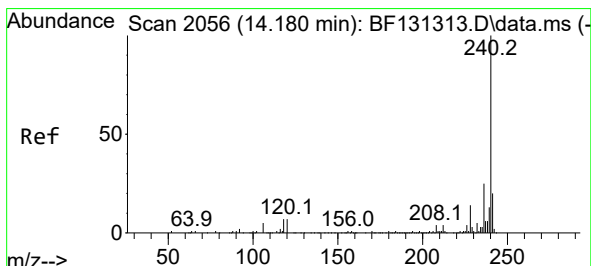
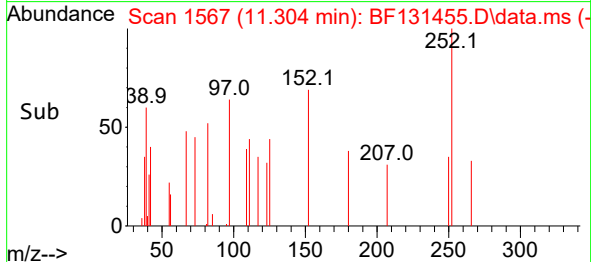
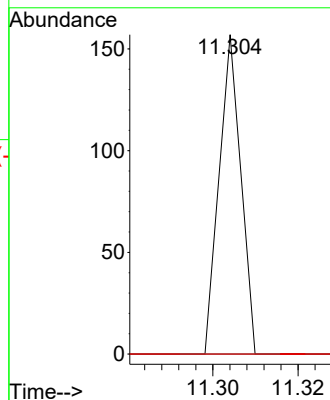
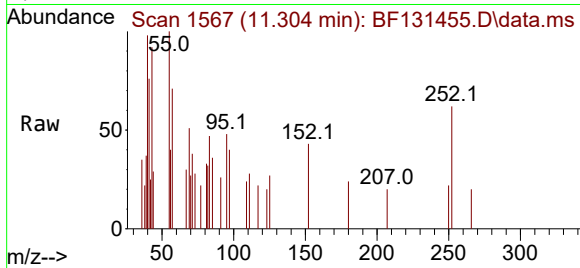




#70  
Pentachlorophenol  
Concen: 4.890 ng  
RT: 11.304 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF131455.D  
Acq: 29 Nov 2022 14:22

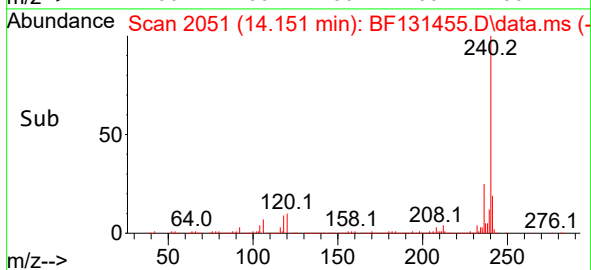
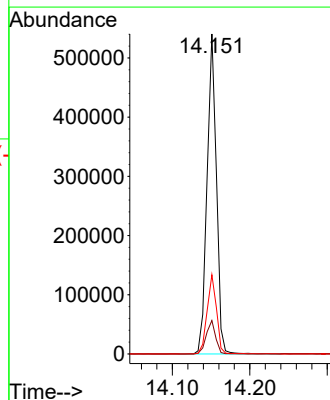
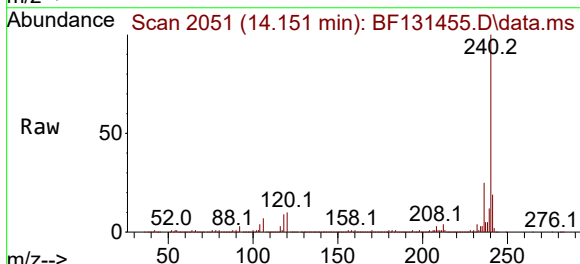
Instrument :  
BNA\_F  
ClientSampleId :  
TP-2

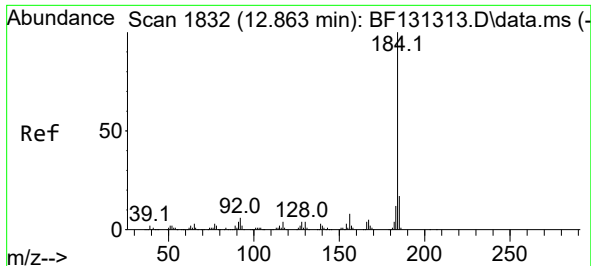
Tgt Ion:266 Resp: 55  
Ion Ratio Lower Upper  
266 100  
268 0.0 50.6 75.8#  
264 0.0 50.4 75.6#



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.151 min Scan# 2051  
Delta R.T. -0.018 min  
Lab File: BF131455.D  
Acq: 29 Nov 2022 14:22

Tgt Ion:240 Resp: 453819  
Ion Ratio Lower Upper  
240 100  
120 10.4 5.8 8.8#  
236 24.7 20.3 30.5

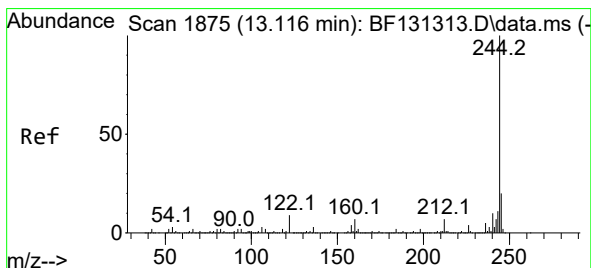
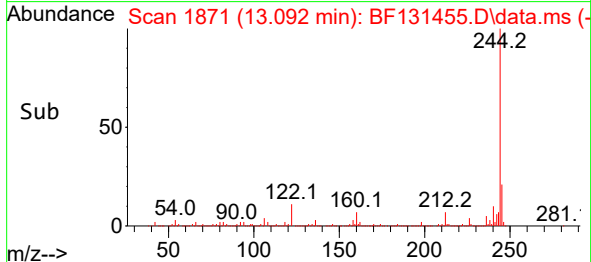
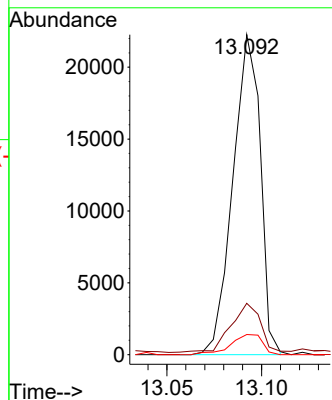
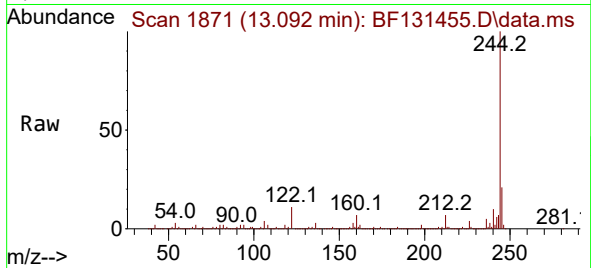




#77  
Benzidine  
Concen: 2.672 ng  
RT: 13.092 min Scan# 1871  
Delta R.T. 0.241 min  
Lab File: BF131455.D  
Acq: 29 Nov 2022 14:22

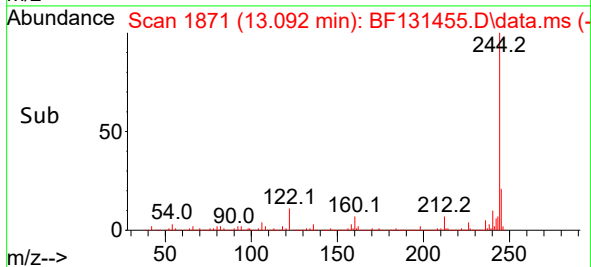
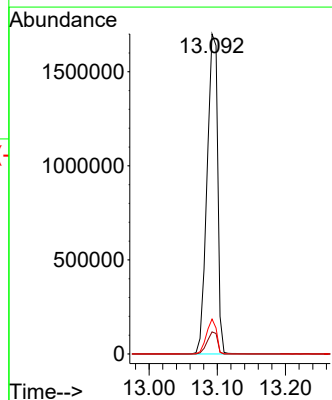
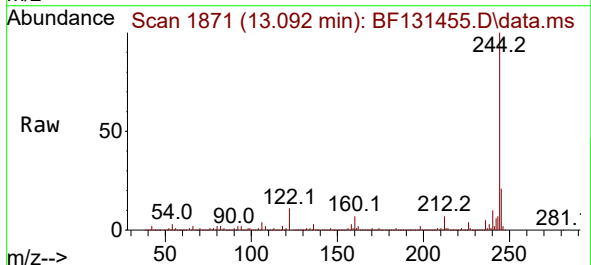
Instrument :  
BNA\_F  
ClientSampleId :  
TP-2

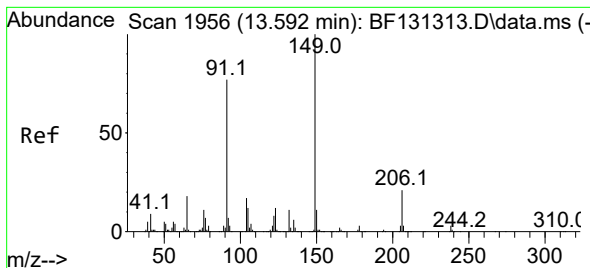
Tgt Ion:184 Resp: 22400  
Ion Ratio Lower Upper  
184 100  
185 16.1 13.8 20.8  
183 6.3 9.6 14.4#



#79  
Terphenyl-d14  
Concen: 66.409 ng  
RT: 13.092 min Scan# 1871  
Delta R.T. -0.012 min  
Lab File: BF131455.D  
Acq: 29 Nov 2022 14:22

Tgt Ion:244 Resp: 1842991  
Ion Ratio Lower Upper  
244 100  
212 6.9 5.9 8.9  
122 10.9 7.5 11.3





#80

Butylbenzylphthalate

Concen: 4.177 ng

RT: 13.563 min Scan# 1956

Delta R.T. -0.018 min

Lab File: BF131455.D

Acq: 29 Nov 2022 14:22

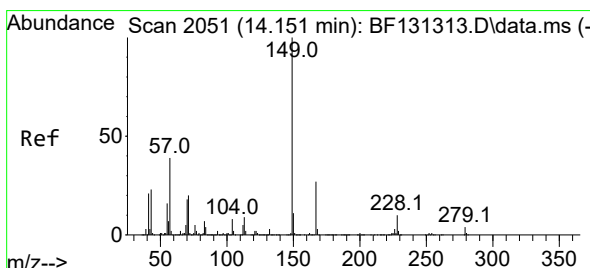
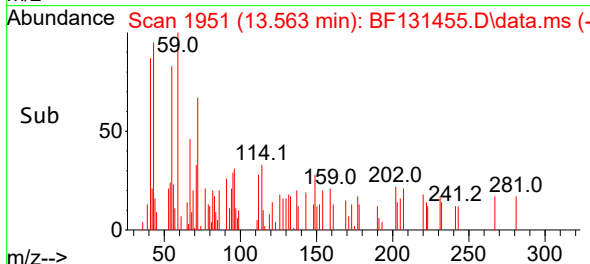
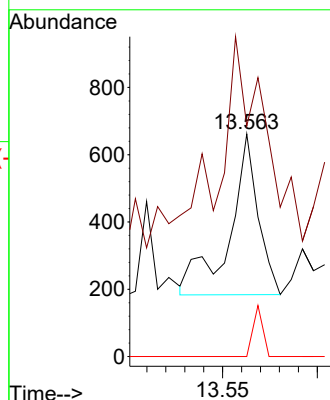
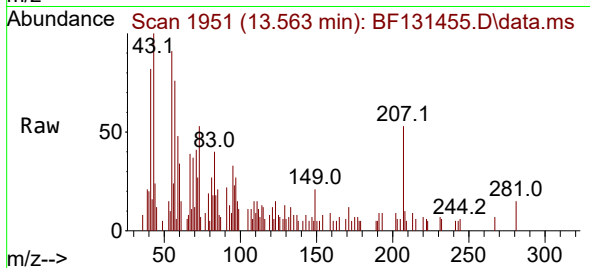
Instrument :

BNA\_F

ClientSampleId :

TP-2

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:149 | Resp: | 500        |
| Ion Ratio   | Lower | Upper      |
| 149         | 100   |            |
| 91          | 103.5 | 61.9 92.9# |
| 206         | 0.0   | 16.5 24.7# |



#84

Bis(2-ethylhexyl)phthalate

Concen: 4.128 ng

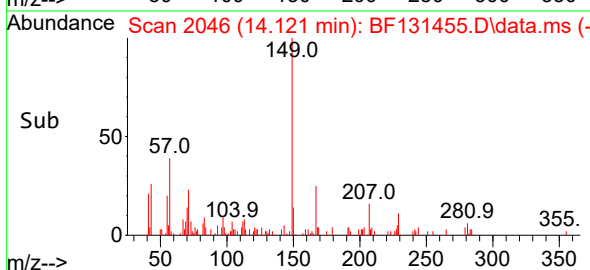
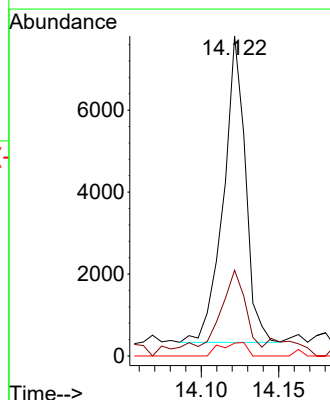
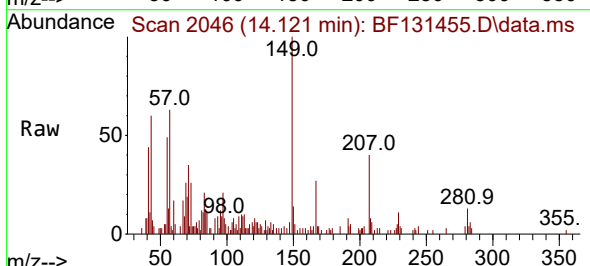
RT: 14.121 min Scan# 2046

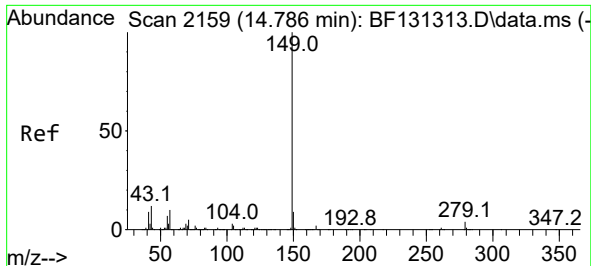
Delta R.T. -0.018 min

Lab File: BF131455.D

Acq: 29 Nov 2022 14:22

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:149 | Resp: | 7359      |
| Ion Ratio   | Lower | Upper     |
| 149         | 100   |           |
| 167         | 26.8  | 21.9 32.9 |
| 279         | 4.0   | 3.0 4.4   |

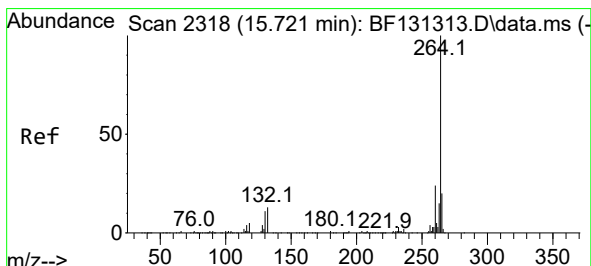
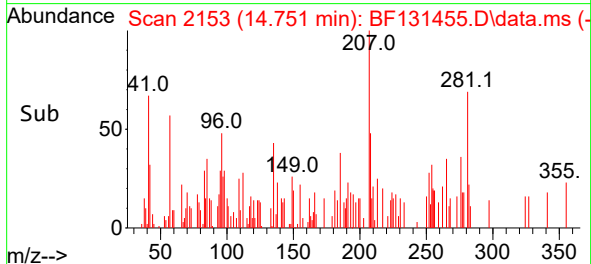
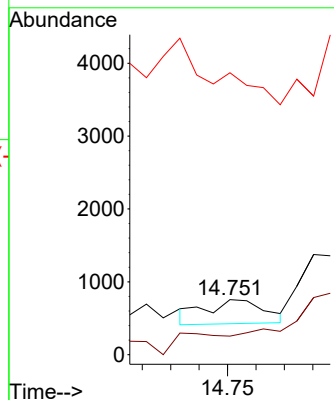
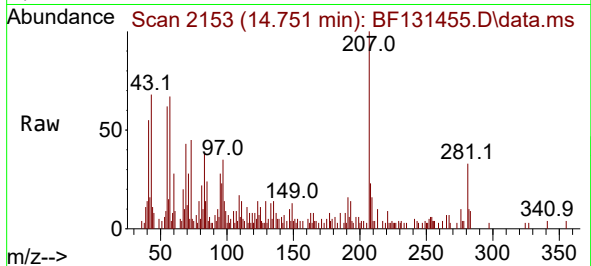




#85  
Di-n-octyl phthalate  
Concen: 3.923 ng  
RT: 14.751 min Scan# 2153  
Delta R.T. -0.012 min  
Lab File: BF131455.D  
Acq: 29 Nov 2022 14:22

Instrument :  
BNA\_F  
ClientSampleId :  
TP-2

Tgt Ion:149 Resp: 473  
Ion Ratio Lower Upper  
149 100  
167 0.0 1.2 1.8#  
43 0.0 10.7 16.1#



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.686 min Scan# 2312  
Delta R.T. -0.012 min  
Lab File: BF131455.D  
Acq: 29 Nov 2022 14:22

Tgt Ion:264 Resp: 364891  
Ion Ratio Lower Upper  
264 100  
260 23.5 19.0 28.4  
265 22.0 16.4 24.6

