

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF061521\  
 Data File : BF124327.D  
 Acq On : 15 Jun 2021 17:31  
 Operator : JU/CG  
 Sample : M2674-12  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TMR-DS-06-060921

Quant Time: Jun 15 17:58:14 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF060321.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jun 15 15:00:28 2021  
 Response via : Initial Calibration

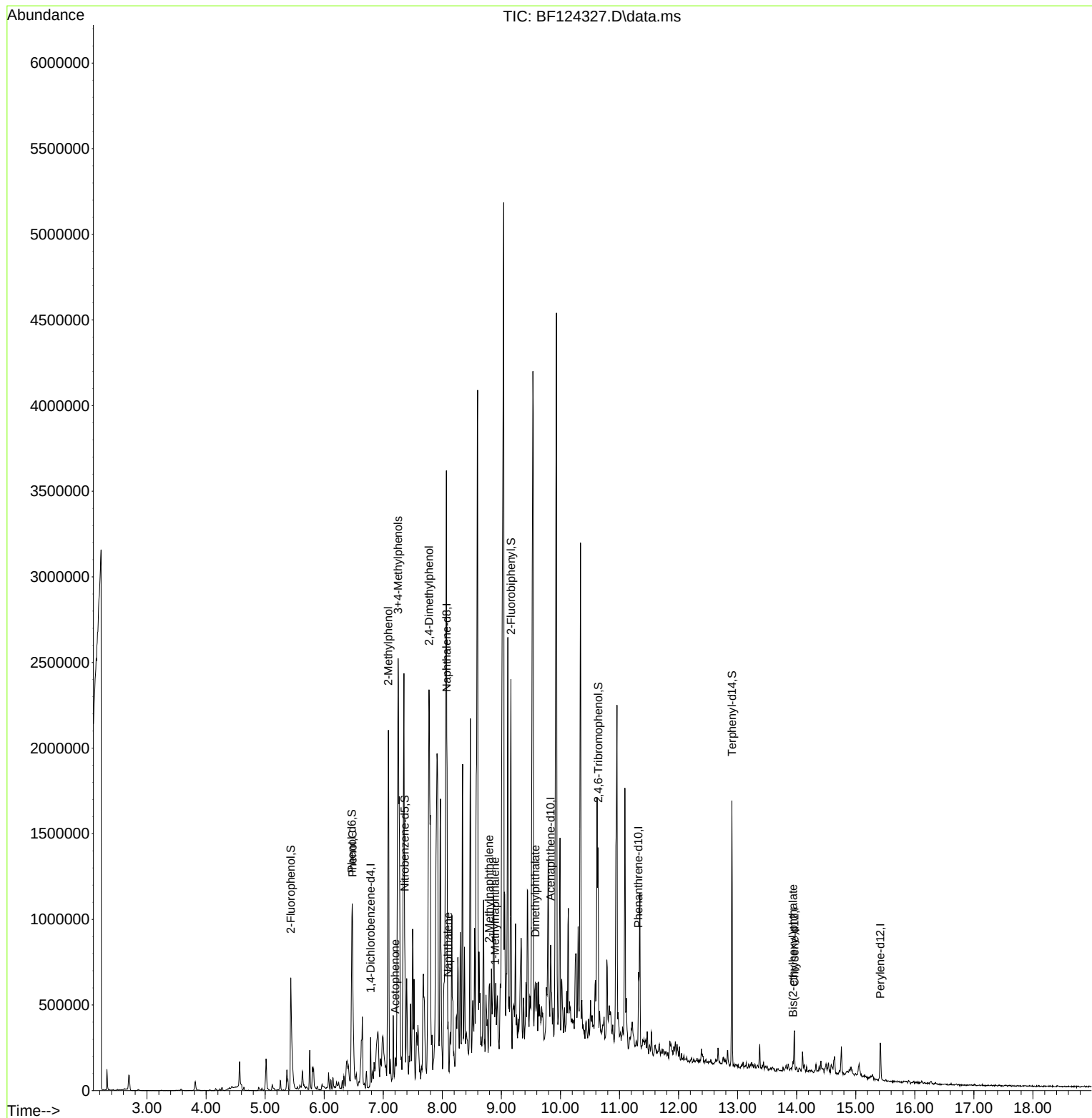
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.786  | 152  | 36054    | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.075  | 136  | 143412   | 20.00  | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 9.833  | 164  | 78749    | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.321 | 188  | 133644   | 20.00  | ng    | 0.00     |
| 76) Chrysene-d12              | 13.962 | 240  | 73363    | 20.00  | ng    | 0.00     |
| 86) Perylene-d12              | 15.415 | 264  | 86245    | 20.00  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.434  | 112  | 260996   | 108.97 | ng    | 0.02     |
| 7) Phenol-d6                  | 6.469  | 99   | 278576   | 86.53  | ng    | 0.02     |
| 23) Nitrobenzene-d5           | 7.363  | 82   | 318540   | 88.09  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.639 | 330  | 123880   | 111.04 | ng    | 0.02     |
| 45) 2-Fluorobiphenyl          | 9.163  | 172  | 516705   | 82.57  | ng    | 0.01     |
| 79) Terphenyl-d14             | 12.904 | 244  | 438031   | 81.98  | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 10) Phenol                    | 6.481  | 94   | 343781   | 98.81  | ng    | 89       |
| 17) 2-Methylphenol            | 7.086  | 107  | 431150   | 199.01 | ng    | 92       |
| 20) 3+4-Methylphenols         | 7.251  | 107  | 1032381  | 359.64 | ng    | # 71     |
| 22) Acetophenone              | 7.204  | 105  | 42195    | 10.32  | ng    | # 93     |
| 27) 2,4-Dimethylphenol        | 7.775  | 122  | 747812   | 327.28 | ng    | 96       |
| 31) Naphthalene               | 8.098  | 128  | 57483    | 6.70   | ng    | 98       |
| 37) 2-Methylnaphthalene       | 8.792  | 142  | 21465    | 3.57   | ng    | 94       |
| 38) 1-Methylnaphthalene       | 8.892  | 142  | 16667    | 2.97   | ng    | 95       |
| 50) Dimethylphthalate         | 9.574  | 163  | 36176    | 5.55   | ng    | # 55     |
| 84) Bis(2-ethylhexyl)phtha... | 13.939 | 149  | 11010    | 3.24   | ng    | # 70     |
| -----                         |        |      |          |        |       |          |

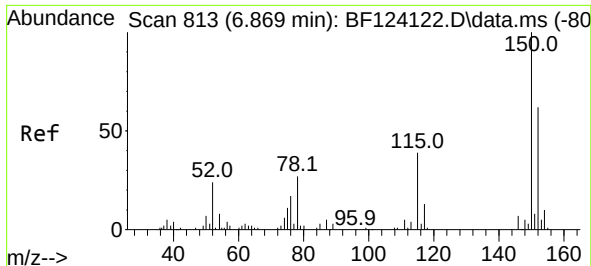
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF061521\  
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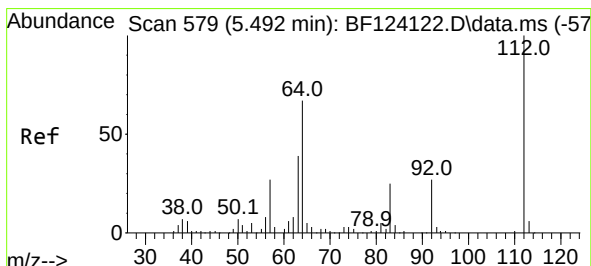
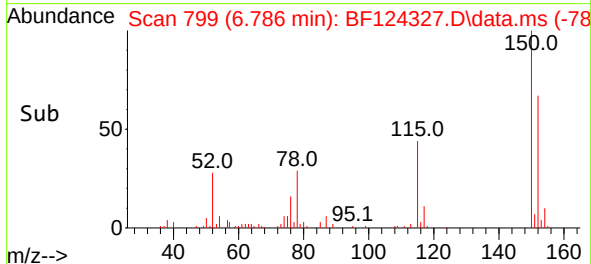
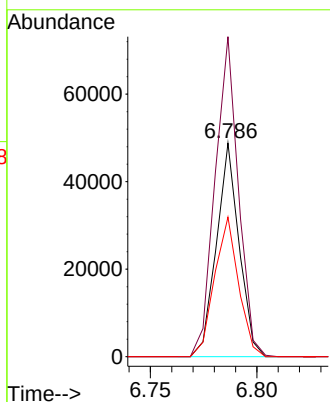
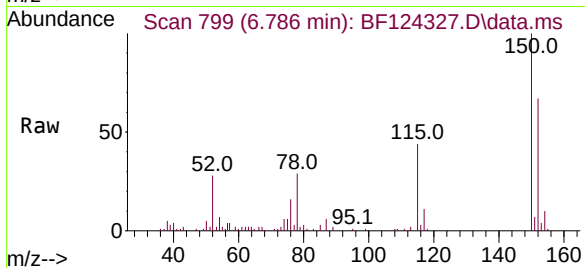




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 6.786 min Scan# 799  
Delta R.T. 0.000 min  
Lab File: BF124327.D  
Acq: 15 Jun 2021 17:31

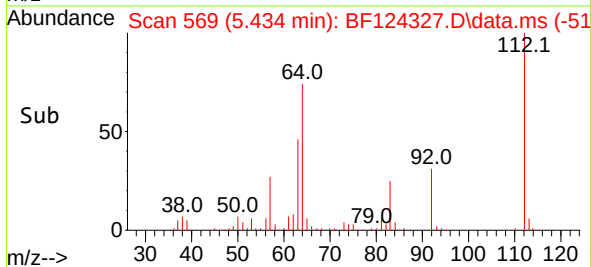
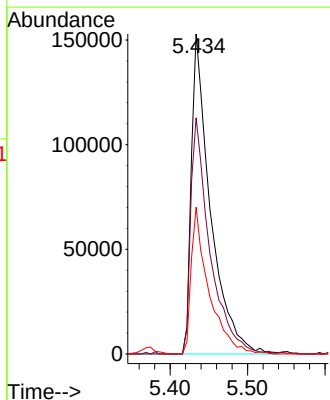
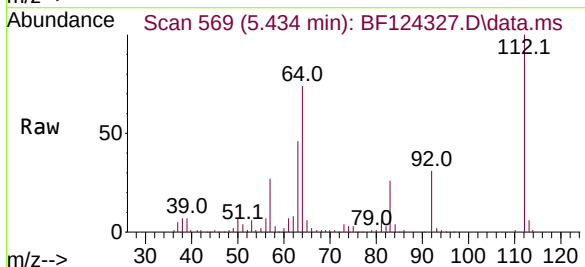
Instrument :  
BNA\_F  
ClientSampleId :  
TMR-DS-06-060921

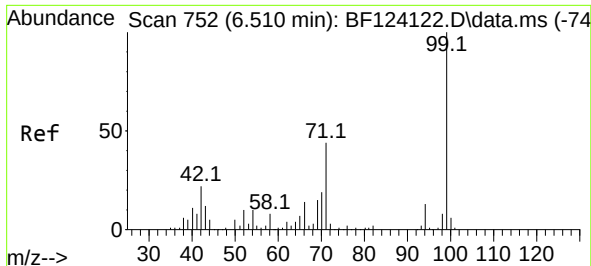
Tgt Ion:152 Resp: 36054  
Ion Ratio Lower Upper  
152 100  
150 149.9 127.0 190.6  
115 65.4 54.3 81.5



#5  
2-Fluorophenol  
Concen: 108.97 ng  
RT: 5.434 min Scan# 569  
Delta R.T. 0.018 min  
Lab File: BF124327.D  
Acq: 15 Jun 2021 17:31

Tgt Ion:112 Resp: 260996  
Ion Ratio Lower Upper  
112 100  
64 73.8 61.4 92.0  
63 45.9 33.0 49.4

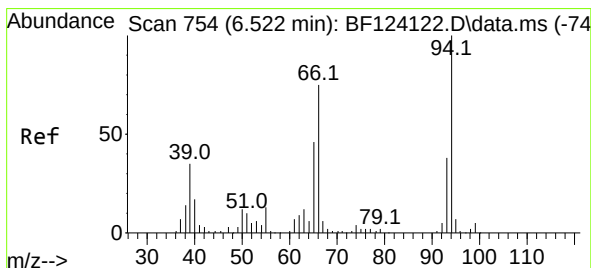
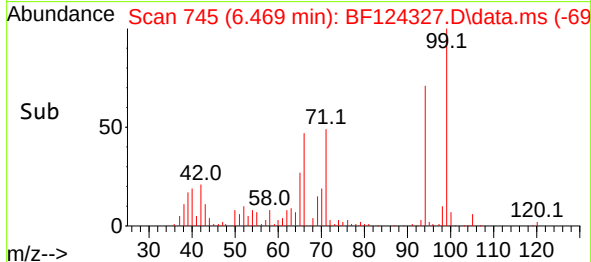
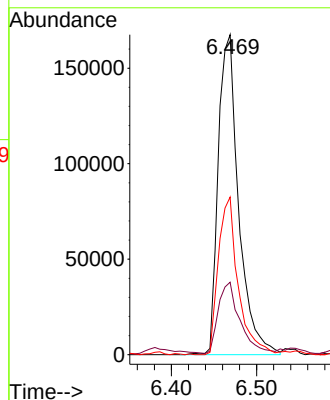
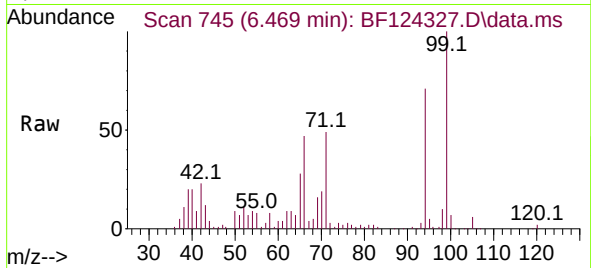




#7  
Phenol-d6  
Concen: 86.53 ng  
RT: 6.469 min Scan# 745  
Delta R.T. 0.024 min  
Lab File: BF124327.D  
Acq: 15 Jun 2021 17:31

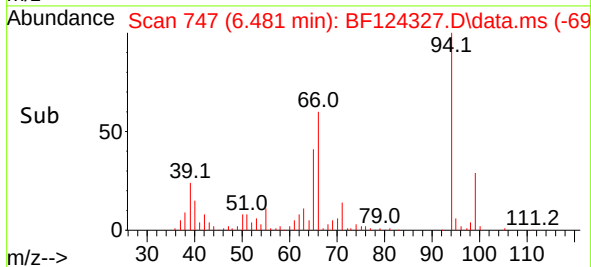
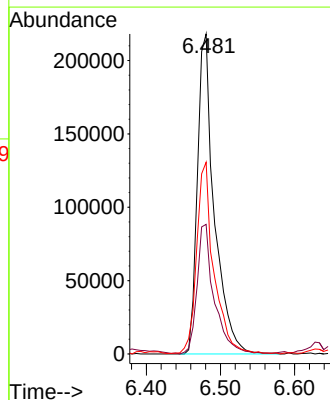
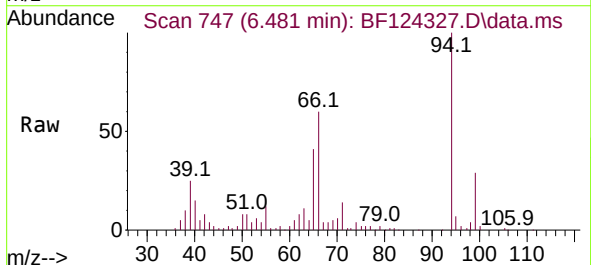
Instrument :  
BNA\_F  
ClientSampleId :  
TMR-DS-06-060921

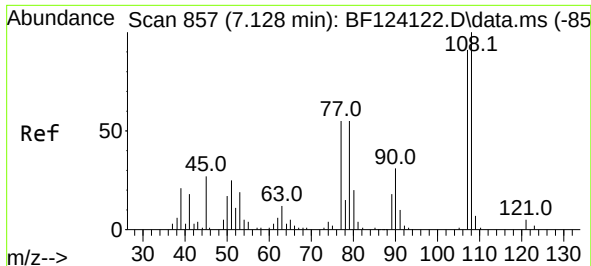
Tgt Ion: 99 Resp: 278576  
Ion Ratio Lower Upper  
99 100  
42 22.7 19.8 29.8  
71 49.3 31.1 46.7#



#10  
Phenol  
Concen: 98.81 ng  
RT: 6.481 min Scan# 747  
Delta R.T. 0.023 min  
Lab File: BF124327.D  
Acq: 15 Jun 2021 17:31

Tgt Ion: 94 Resp: 343781  
Ion Ratio Lower Upper  
94 100  
65 40.5 18.1 58.1  
66 59.9 29.0 69.0

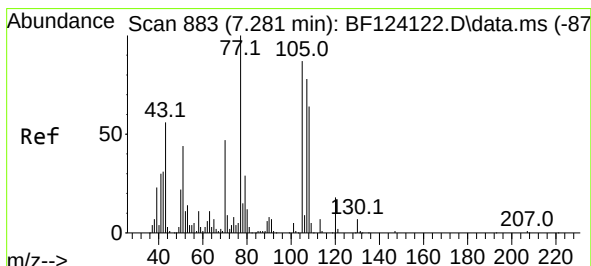
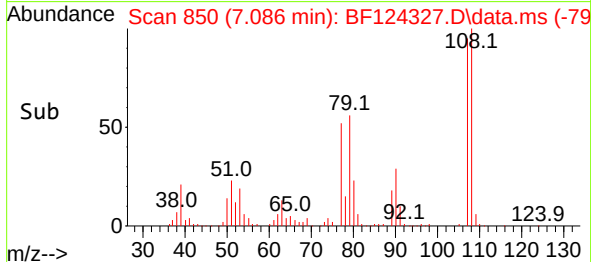
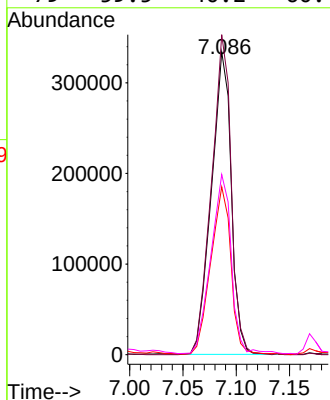
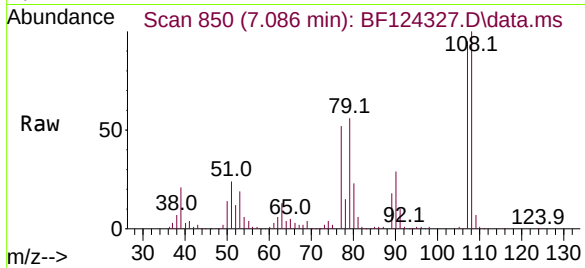




#17  
2-Methylphenol  
Concen: 199.01 ng  
RT: 7.086 min Scan# 850  
Delta R.T. 0.024 min  
Lab File: BF124327.D  
Acq: 15 Jun 2021 17:31

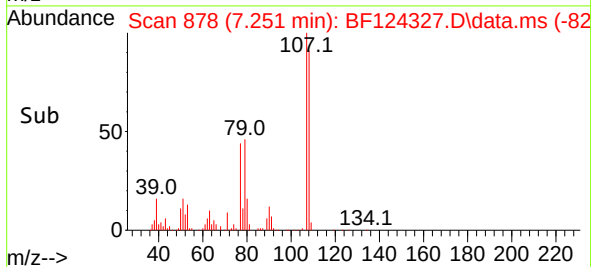
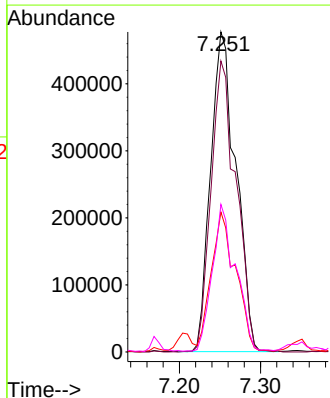
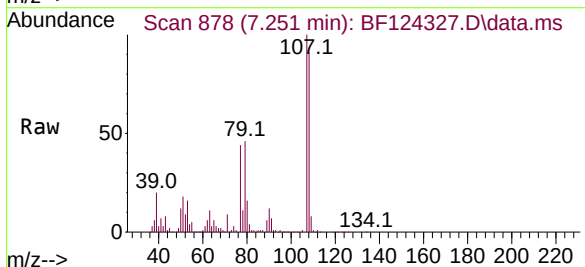
Instrument :  
BNA\_F  
ClientSampleId :  
TMR-DS-06-060921

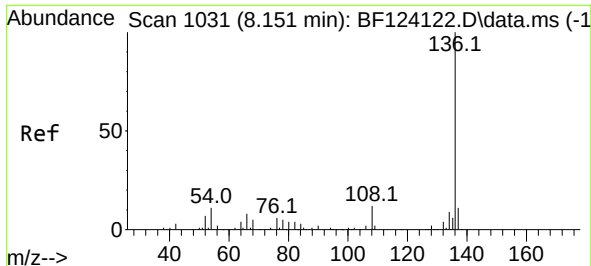
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 431150 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 105.7 | 89.8  | 134.8  |
| 77       | 55.4  | 40.9  | 61.3   |
| 79       | 59.5  | 40.2  | 60.4   |



#20  
3+4-Methylphenols  
Concen: 359.64 ng  
RT: 7.251 min Scan# 878  
Delta R.T. 0.035 min  
Lab File: BF124327.D  
Acq: 15 Jun 2021 17:31

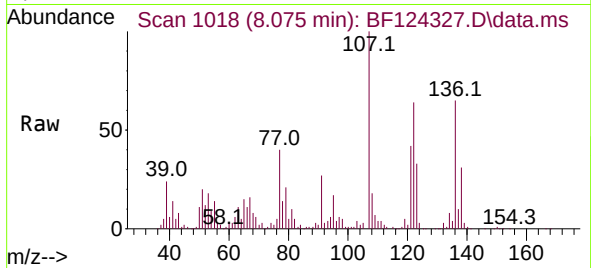
|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 107   | Resp: | 1032381 |
| Ion      | Ratio | Lower | Upper   |
| 107      | 100   |       |         |
| 108      | 90.9  | 71.5  | 111.5   |
| 77       | 43.7  | 82.0  | 122.0#  |
| 79       | 46.1  | 14.1  | 54.1    |



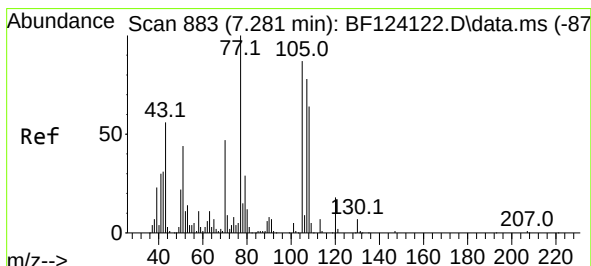
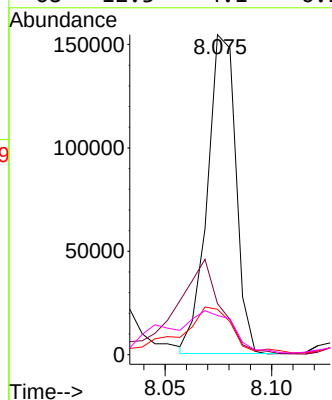
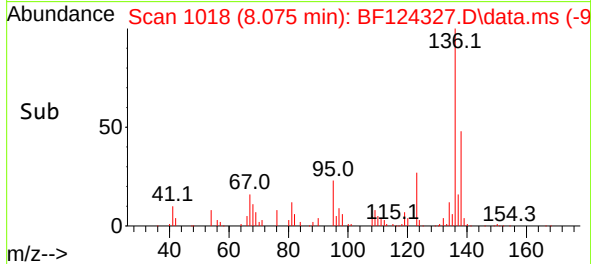


#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 8.075 min Scan# 1018  
Delta R.T. -0.000 min  
Lab File: BF124327.D  
Acq: 15 Jun 2021 17:31

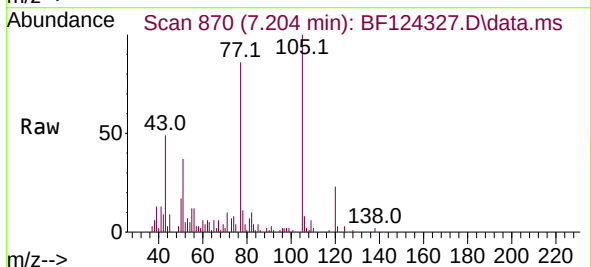
Instrument :  
BNA\_F  
ClientSampleId :  
TMR-DS-06-060921



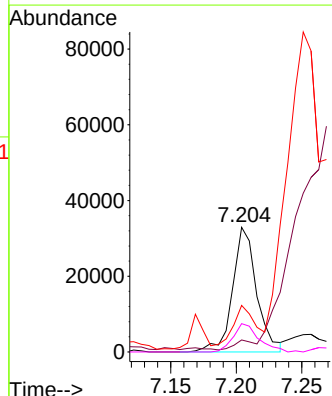
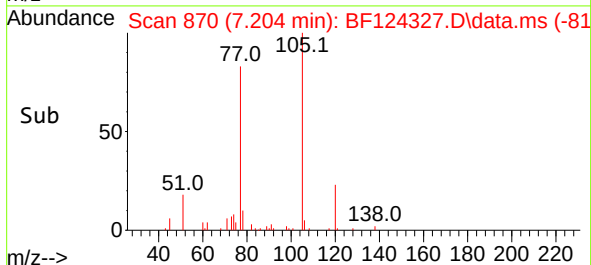
Tgt Ion:136 Resp: 143412  
Ion Ratio Lower Upper  
136 100  
137 16.0 8.7 13.1#  
54 14.2 9.8 14.6  
68 12.3 4.1 6.1#

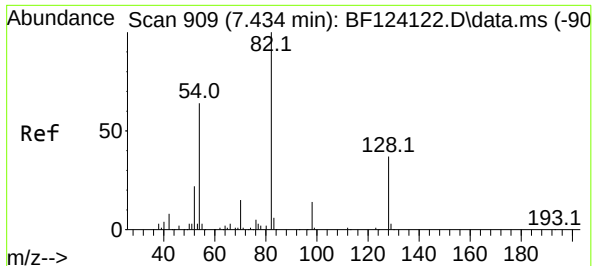


#22  
Acetophenone  
Concen: 10.32 ng  
RT: 7.204 min Scan# 870  
Delta R.T. -0.000 min  
Lab File: BF124327.D  
Acq: 15 Jun 2021 17:31



Tgt Ion:105 Resp: 42195  
Ion Ratio Lower Upper  
105 100  
71 9.6 4.2 6.4#  
51 37.3 33.6 50.4  
120 22.7 16.3 24.5





#23

Nitrobenzene-d5

Concen: 88.09 ng

RT: 7.363 min Scan# 897

Delta R.T. 0.006 min

Lab File: BF124327.D

Acq: 15 Jun 2021 17:31

Instrument :

BNA\_F

ClientSampleId :

TMR-DS-06-060921

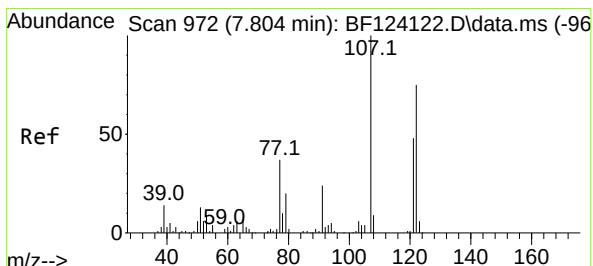
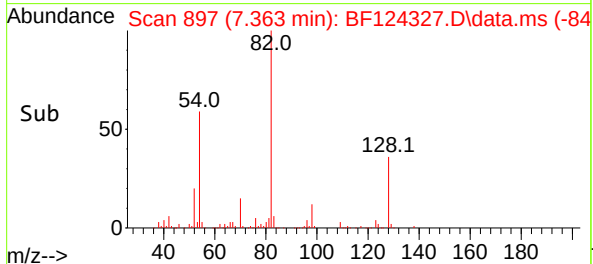
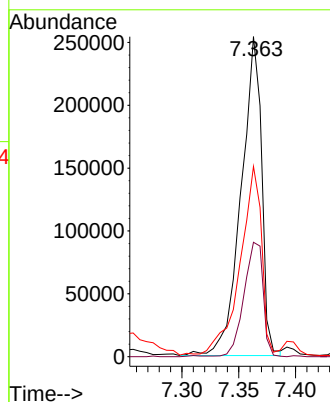
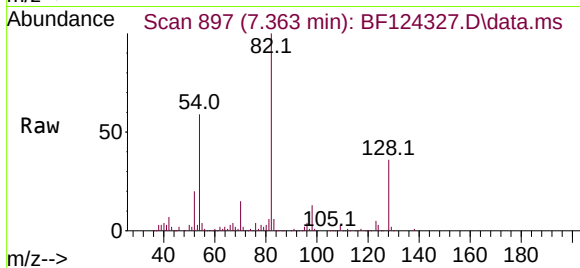
Tgt Ion: 82 Resp: 318540

Ion Ratio Lower Upper

82 100

128 35.7 29.4 44.2

54 59.5 54.1 81.1



#27

2,4-Dimethylphenol

Concen: 327.28 ng

RT: 7.775 min Scan# 967

Delta R.T. 0.035 min

Lab File: BF124327.D

Acq: 15 Jun 2021 17:31

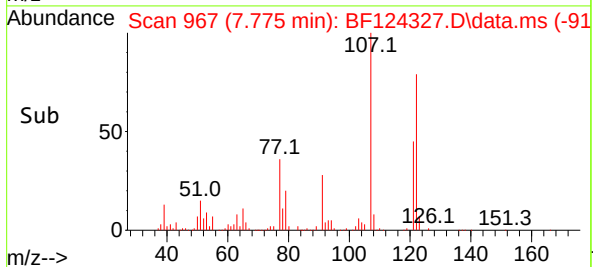
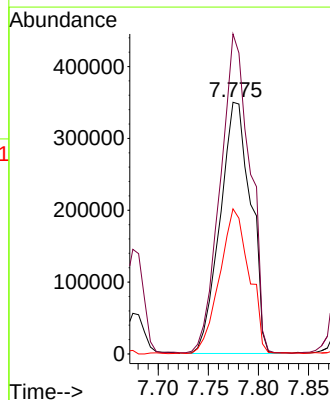
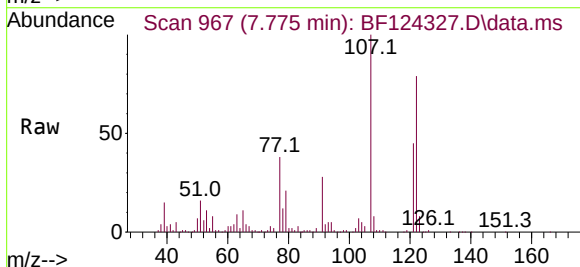
Tgt Ion: 122 Resp: 747812

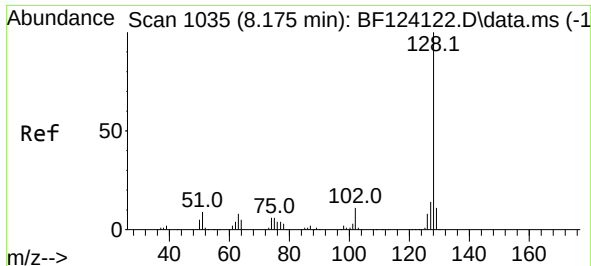
Ion Ratio Lower Upper

122 100

107 127.2 106.3 159.5

121 57.7 45.4 68.0

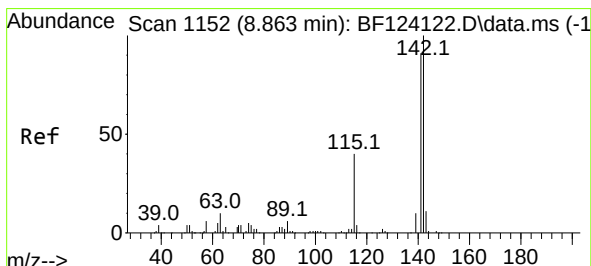
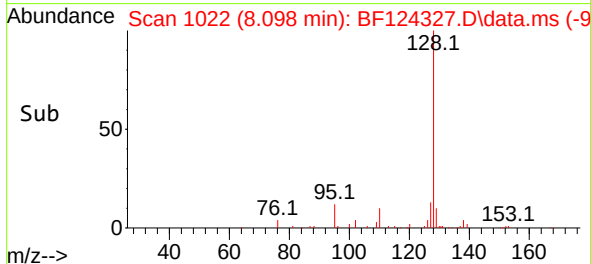
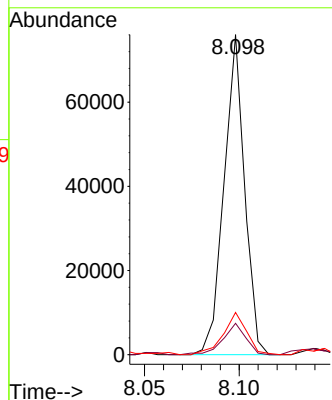
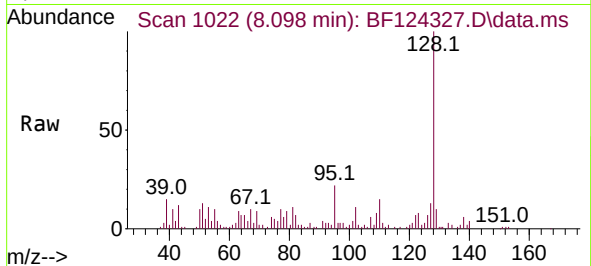




#31  
Naphthalene  
Concen: 6.70 ng  
RT: 8.098 min Scan# 1022  
Delta R.T. 0.006 min  
Lab File: BF124327.D  
Acq: 15 Jun 2021 17:31

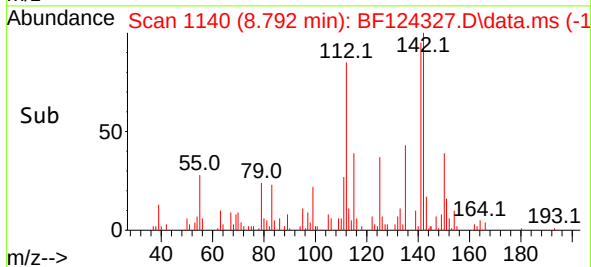
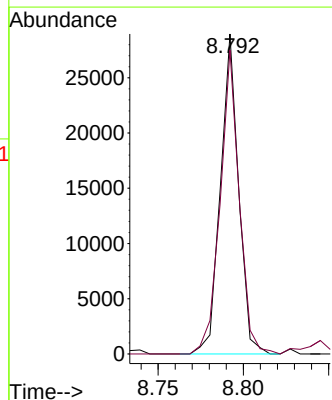
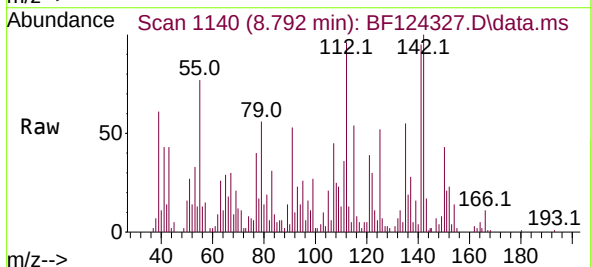
Instrument :  
BNA\_F  
ClientSampleId :  
TMR-DS-06-060921

Tgt Ion:128 Resp: 57483  
Ion Ratio Lower Upper  
128 100  
129 9.8 8.9 13.3  
127 13.2 10.8 16.2

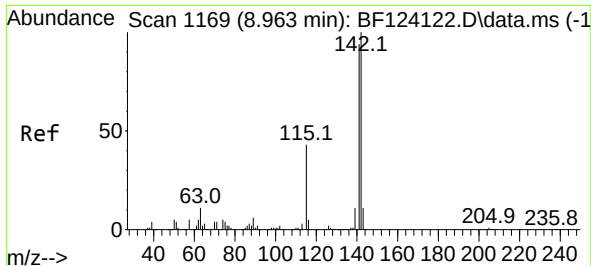


#37  
2-Methylnaphthalene  
Concen: 3.57 ng  
RT: 8.792 min Scan# 1140  
Delta R.T. 0.006 min  
Lab File: BF124327.D  
Acq: 15 Jun 2021 17:31

Tgt Ion:142 Resp: 21465  
Ion Ratio Lower Upper  
142 100  
141 95.0 71.8 107.6







#38

1-Methylnaphthalene

Concen: 2.97 ng

RT: 8.892 min Scan# 1157

Delta R.T. 0.006 min

Lab File: BF124327.D

Acq: 15 Jun 2021 17:31

Instrument :

BNA\_F

ClientSampleId :

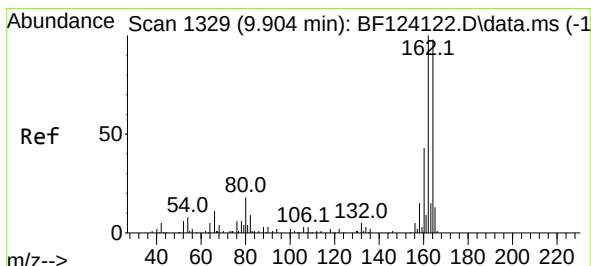
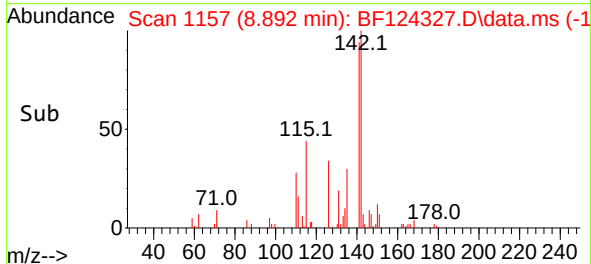
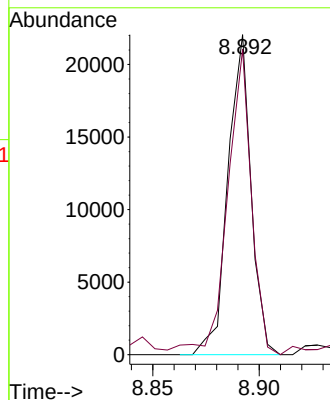
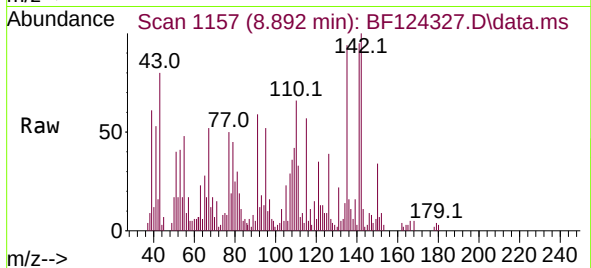
TMR-DS-06-060921

Tgt Ion:142 Resp: 16667

Ion Ratio Lower Upper

142 100

141 95.4 72.8 109.2



#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.833 min Scan# 1317

Delta R.T. 0.006 min

Lab File: BF124327.D

Acq: 15 Jun 2021 17:31

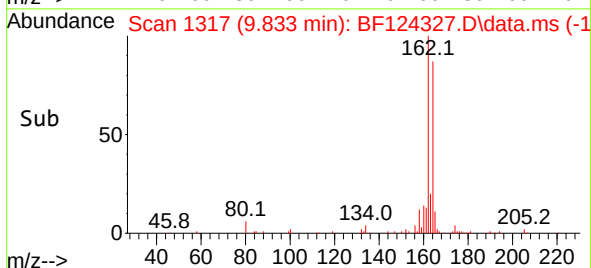
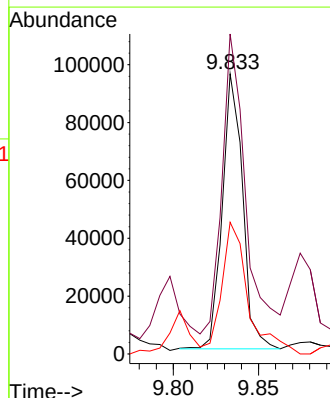
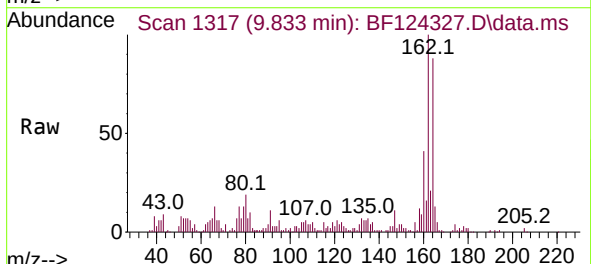
Tgt Ion:164 Resp: 78749

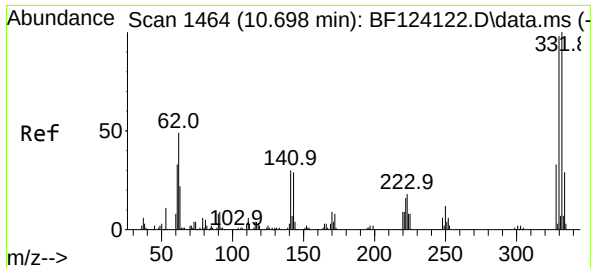
Ion Ratio Lower Upper

164 100

162 114.2 80.7 121.1

160 47.0 37.3 55.9

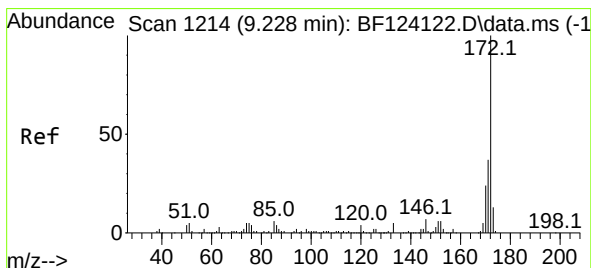
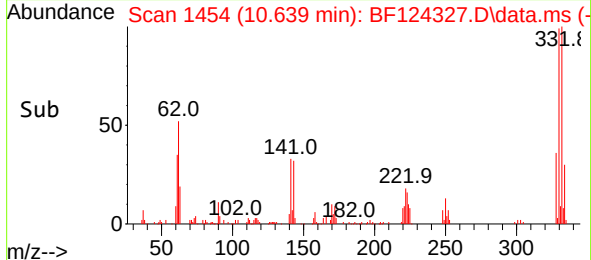
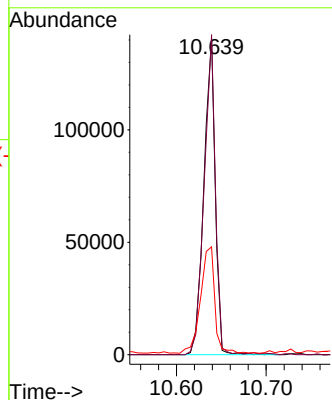
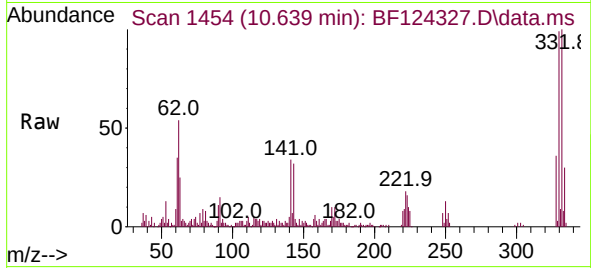




#42  
2,4,6-Tribromophenol  
Concen: 111.04 ng  
RT: 10.639 min Scan# 1454  
Delta R.T. 0.018 min  
Lab File: BF124327.D  
Acq: 15 Jun 2021 17:31

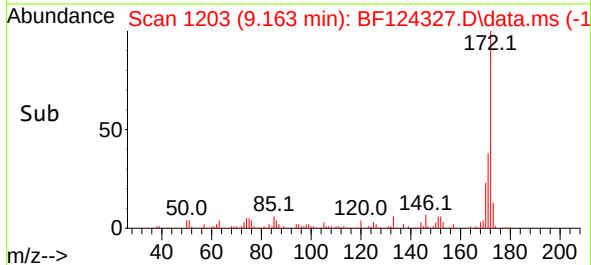
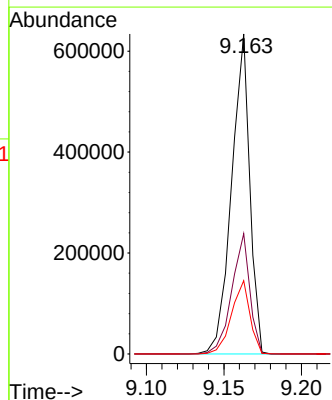
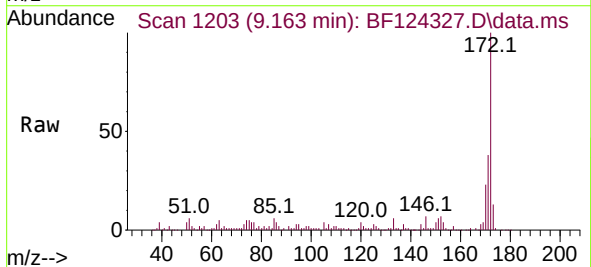
Instrument :  
BNA\_F  
ClientSampleId :  
TMR-DS-06-060921

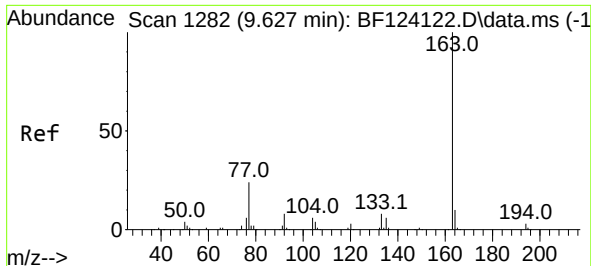
Tgt Ion: 330 Resp: 123880  
Ion Ratio Lower Upper  
330 100  
332 99.8 77.1 115.7  
141 41.7 27.9 41.9



#45  
2-Fluorobiphenyl  
Concen: 82.57 ng  
RT: 9.163 min Scan# 1203  
Delta R.T. 0.012 min  
Lab File: BF124327.D  
Acq: 15 Jun 2021 17:31

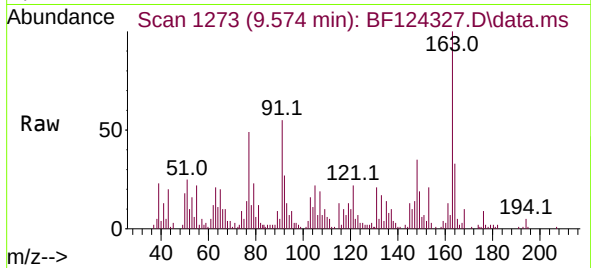
Tgt Ion: 172 Resp: 516705  
Ion Ratio Lower Upper  
172 100  
171 37.6 28.1 42.1  
170 22.9 19.2 28.8



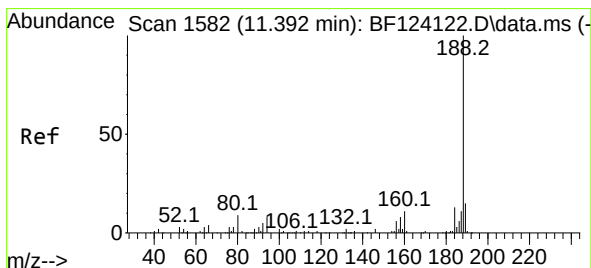
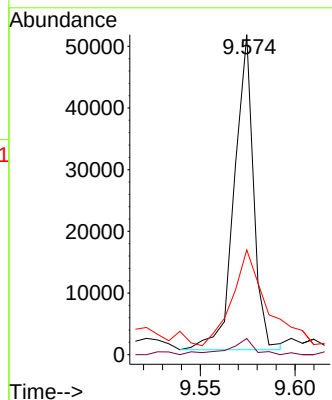
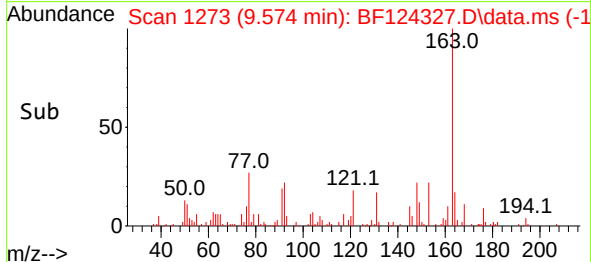


#50  
Dimethylphthalate  
Concen: 5.55 ng  
RT: 9.574 min Scan# 1273  
Delta R.T. 0.018 min  
Lab File: BF124327.D  
Acq: 15 Jun 2021 17:31

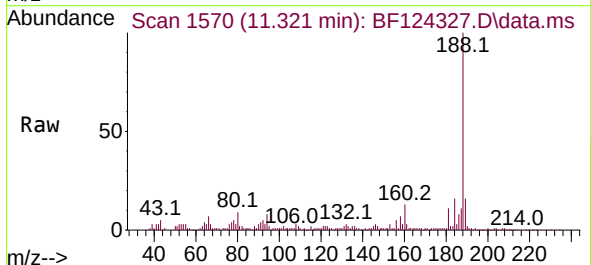
Instrument :  
BNA\_F  
ClientSampleId :  
TMR-DS-06-060921



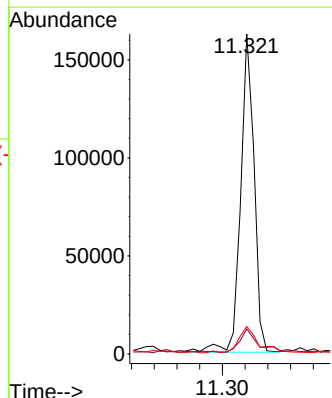
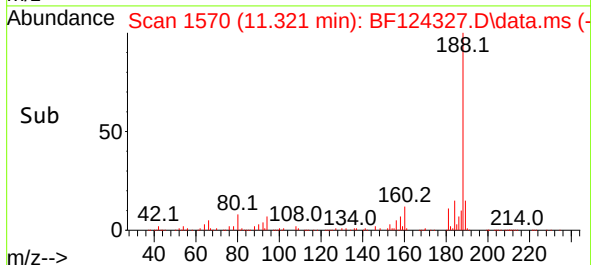
Tgt Ion:163 Resp: 36176  
Ion Ratio Lower Upper  
163 100  
194 5.1 3.1 4.7#  
164 32.7 8.2 12.2#

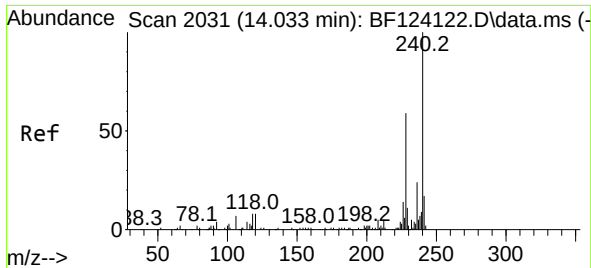


#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.321 min Scan# 1570  
Delta R.T. 0.006 min  
Lab File: BF124327.D  
Acq: 15 Jun 2021 17:31



Tgt Ion:188 Resp: 133644  
Ion Ratio Lower Upper  
188 100  
94 7.9 6.9 10.3  
80 8.6 8.2 12.2

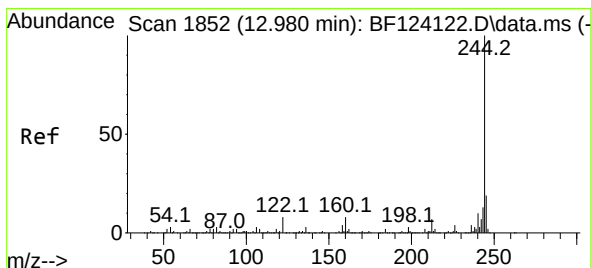
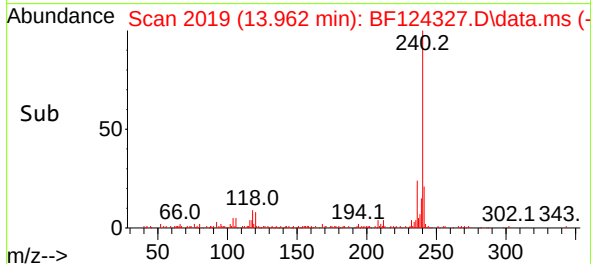
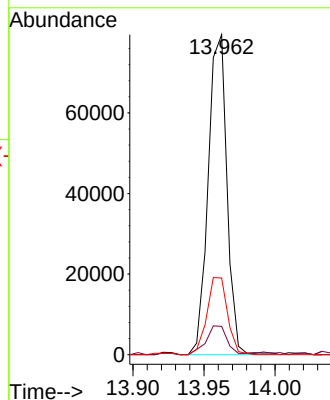
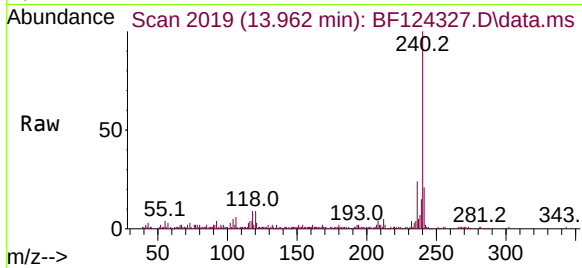




#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 13.962 min Scan# 2019  
Delta R.T. -0.000 min  
Lab File: BF124327.D  
Acq: 15 Jun 2021 17:31

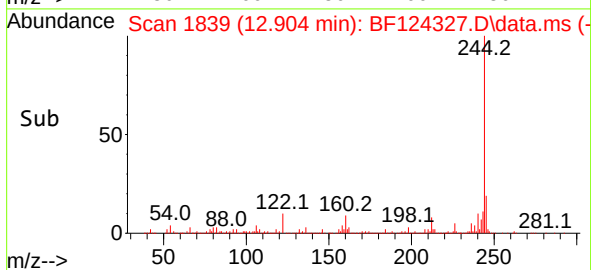
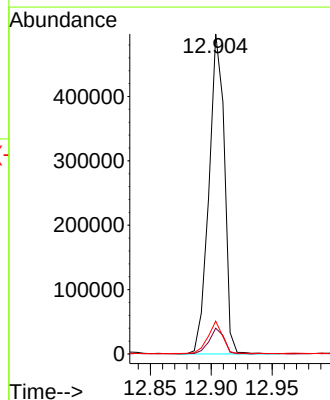
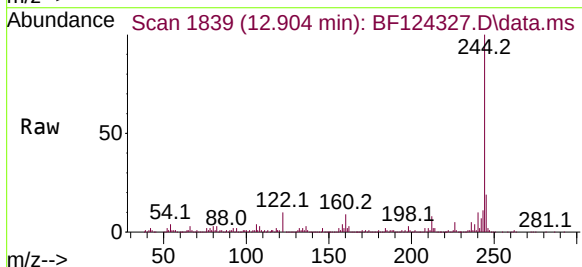
Instrument :  
BNA\_F  
ClientSampleId :  
TMR-DS-06-060921

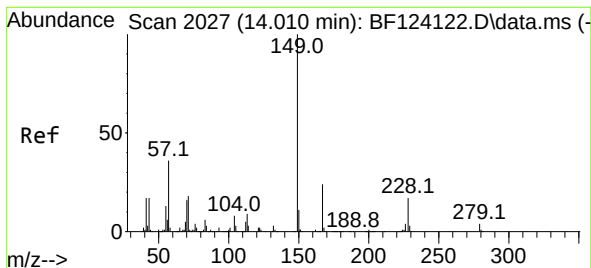
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:240 | Resp: | 73363     |
| Ion Ratio   | Lower | Upper     |
| 240         | 100   |           |
| 120         | 8.9   | 7.2 10.8  |
| 236         | 23.9  | 19.0 28.4 |



#79  
Terphenyl-d14  
Concen: 81.98 ng  
RT: 12.904 min Scan# 1839  
Delta R.T. -0.000 min  
Lab File: BF124327.D  
Acq: 15 Jun 2021 17:31

|             |       |          |
|-------------|-------|----------|
| Tgt Ion:244 | Resp: | 438031   |
| Ion Ratio   | Lower | Upper    |
| 244         | 100   |          |
| 212         | 8.1   | 5.7 8.5  |
| 122         | 10.2  | 9.7 14.5 |

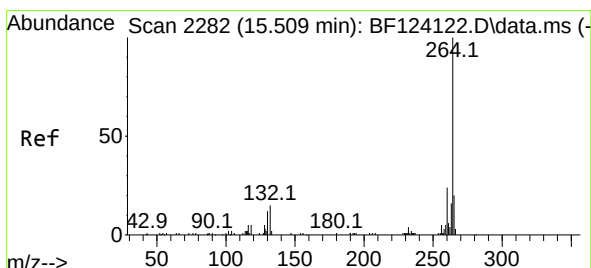
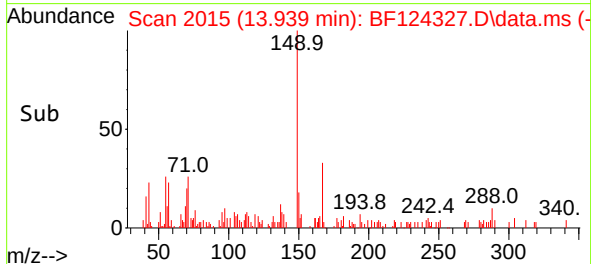
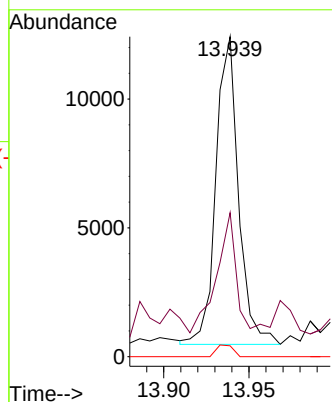
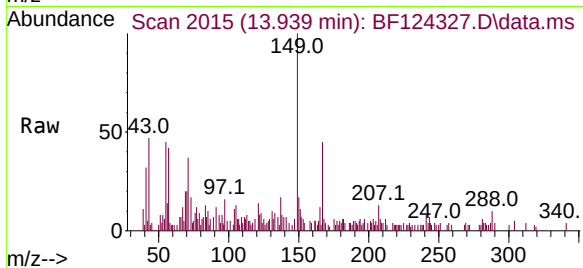




#84  
Bis(2-ethylhexyl)phthalate  
Concen: 3.24 ng  
RT: 13.939 min Scan# 2015  
Delta R.T. -0.000 min  
Lab File: BF124327.D  
Acq: 15 Jun 2021 17:31

Instrument :  
BNA\_F  
ClientSampleId :  
TMR-DS-06-060921

Tgt Ion:149 Resp: 11010  
Ion Ratio Lower Upper  
149 100  
167 45.0 21.8 32.6#  
279 3.4 3.3 4.9



#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 15.415 min Scan# 2266  
Delta R.T. -0.000 min  
Lab File: BF124327.D  
Acq: 15 Jun 2021 17:31

Tgt Ion:264 Resp: 86245  
Ion Ratio Lower Upper  
264 100  
260 24.5 18.7 28.1  
265 19.6 17.8 26.8

