

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP052922\  
 Data File : BP010625.D  
 Acq On : 29 May 2022 18:36  
 Operator : CG/JU  
 Sample : N2932-19RE  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 P016-SS005-0006-02

Quant Time: May 30 02:07:23 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP052822.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat May 28 02:18:04 2022  
 Response via : Initial Calibration

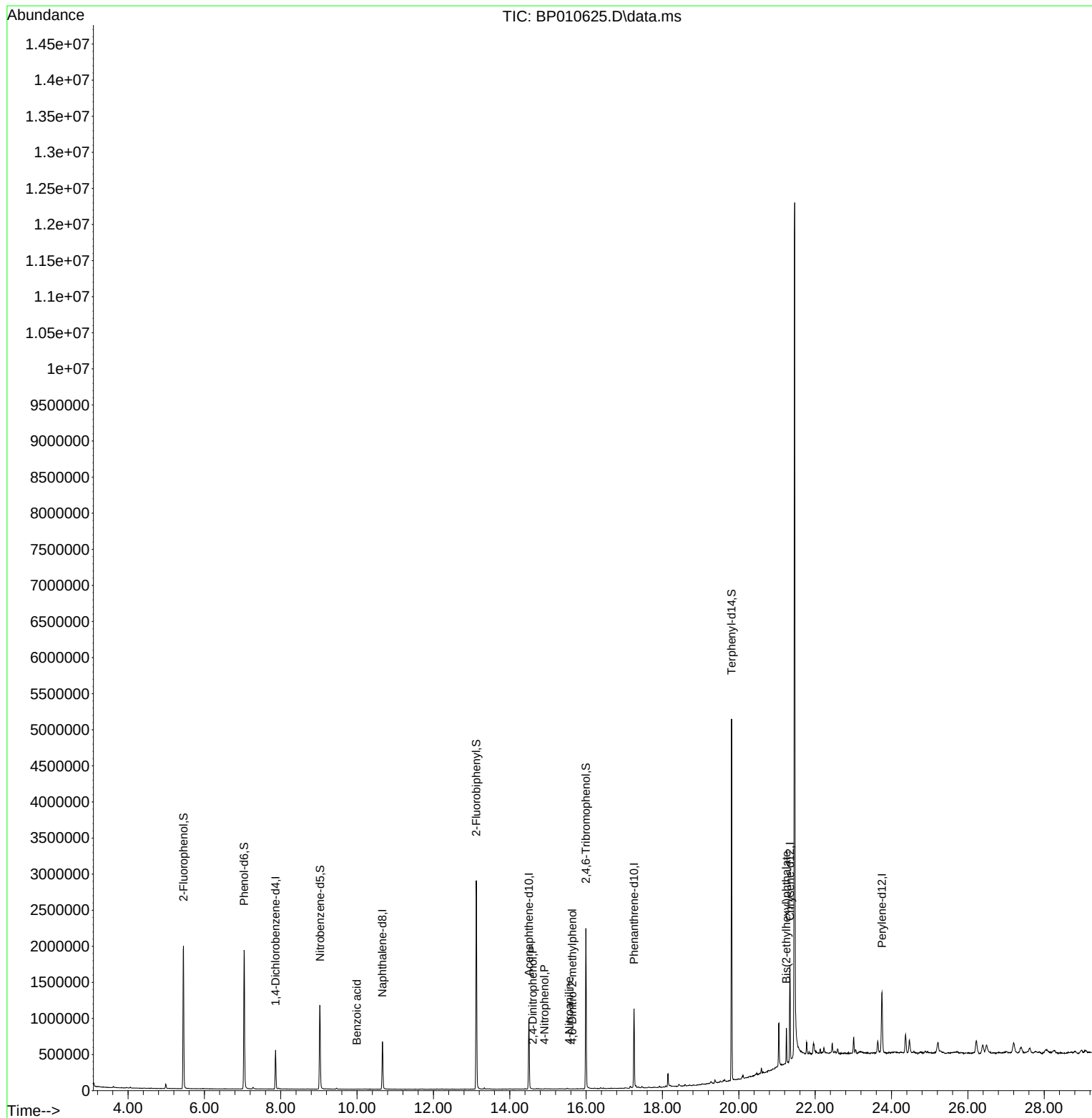
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.864  | 152  | 136239   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.663 | 136  | 540799   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.498 | 164  | 339774   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.257 | 188  | 695614   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.339 | 240  | 652231   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 23.751 | 264  | 649306   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.452  | 112  | 765715   | 102.533 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.040  | 99   | 1019653  | 96.176  | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.028  | 82   | 683751   | 59.776  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.992 | 330  | 376673   | 97.937  | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.122 | 172  | 1443530  | 60.296  | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.810 | 244  | 2216051  | 63.818  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 32) Benzoic acid              | 9.993  | 122  | 81       | 7.337   | ng    | # 71     |
| 54) 2,4-Dinitrophenol         | 14.604 | 184  | 37       | 6.656   | ng    | # 1      |
| 56) 4-Nitrophenol             | 14.910 | 139  | 164      | 3.634   | ng    | 97       |
| 62) 4-Nitroaniline            | 15.557 | 138  | 11       | 2.135   | ng    | # 1      |
| 65) 4,6-Dinitro-2-methylph... | 15.640 | 198  | 26       | 4.608   | ng    | # 1      |
| 84) Bis(2-ethylhexyl)phtha... | 21.245 | 149  | 149832   | 5.938   | ng    | 100      |
| -----                         |        |      |          |         |       |          |

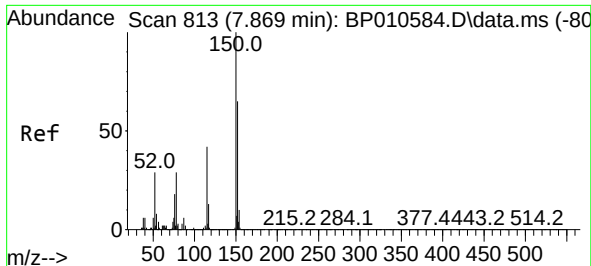
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP052822.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sat May 28 02:18:04 2022  
Response via : Initial Calibration

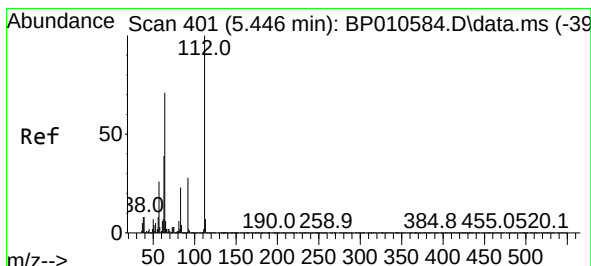
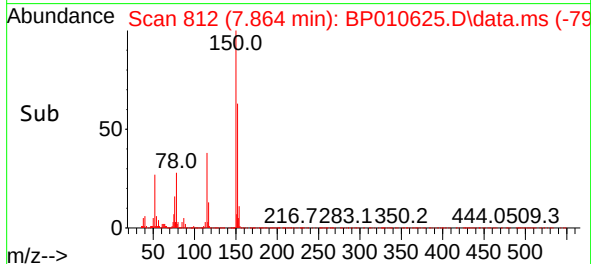
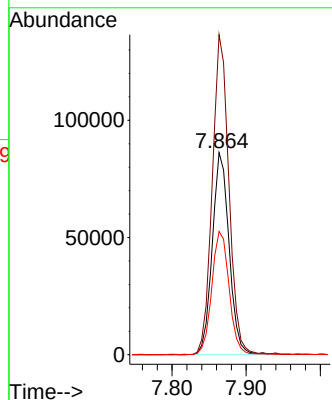
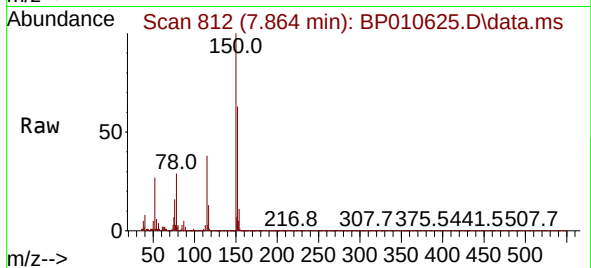




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.864 min Scan# 813  
Delta R.T. -0.005 min  
Lab File: BP010625.D  
Acq: 29 May 2022 18:36

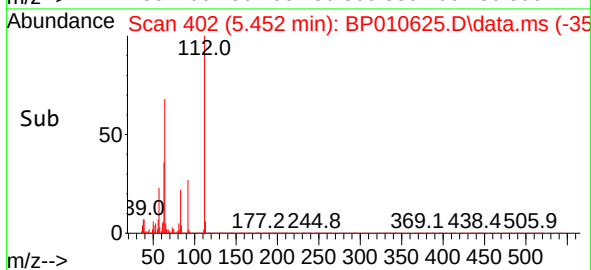
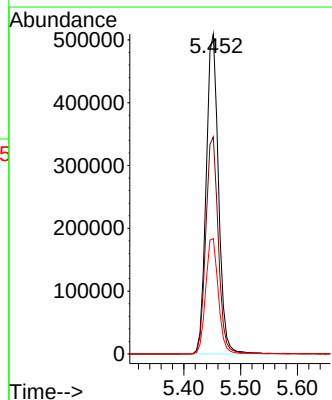
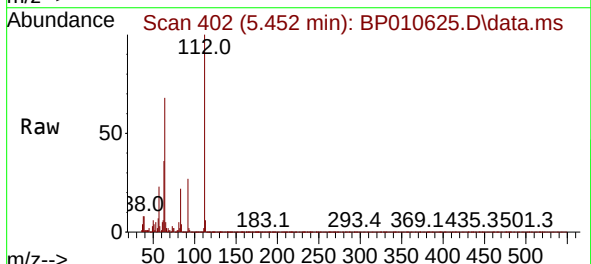
Instrument :  
BNA\_P  
ClientSampleId :  
P016-SS005-0006-02

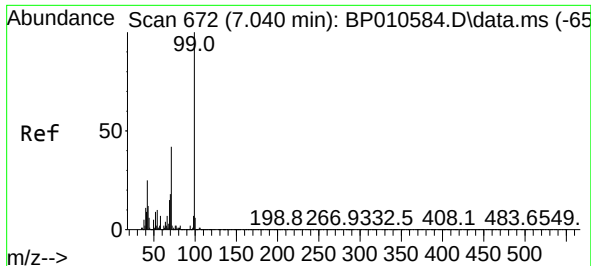
Tgt Ion:152 Resp: 136239  
Ion Ratio Lower Upper  
152 100  
150 158.4 123.4 185.2  
115 61.0 51.3 76.9



#5  
2-Fluorophenol  
Concen: 102.533 ng  
RT: 5.452 min Scan# 402  
Delta R.T. 0.006 min  
Lab File: BP010625.D  
Acq: 29 May 2022 18:36

Tgt Ion:112 Resp: 765715  
Ion Ratio Lower Upper  
112 100  
64 67.8 56.9 85.3  
63 36.1 31.2 46.8

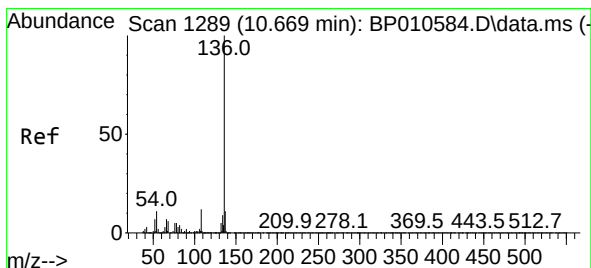
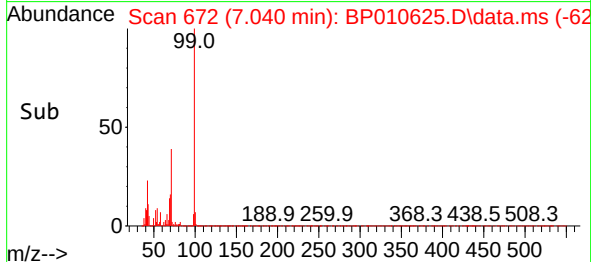
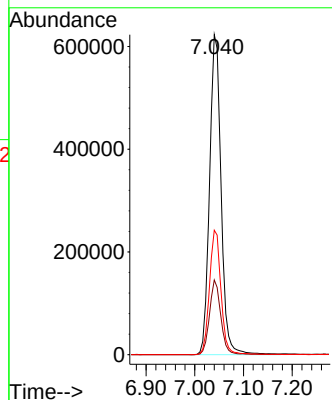
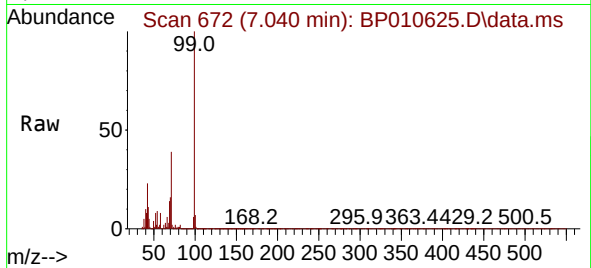




#7  
Phenol-d6  
Concen: 96.176 ng  
RT: 7.040 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: BP010625.D  
Acq: 29 May 2022 18:36

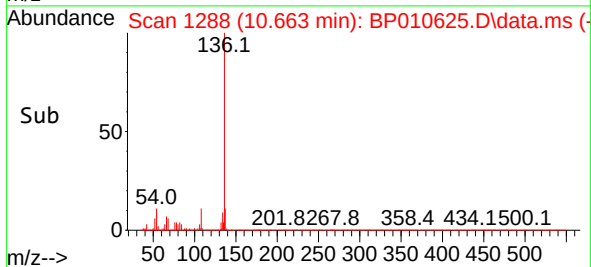
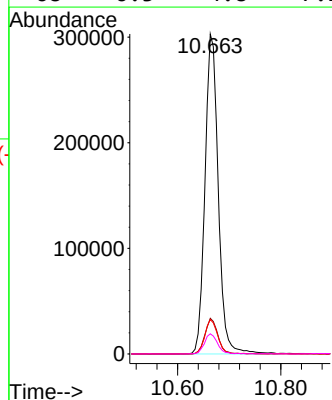
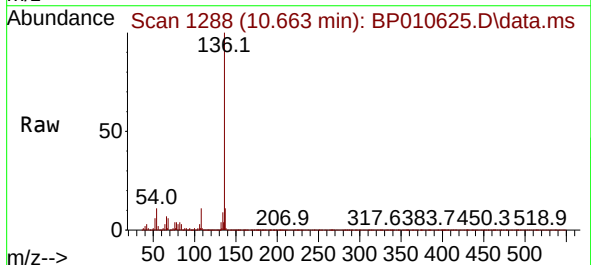
Instrument :  
BNA\_P  
ClientSampleId :  
P016-SS005-0006-02

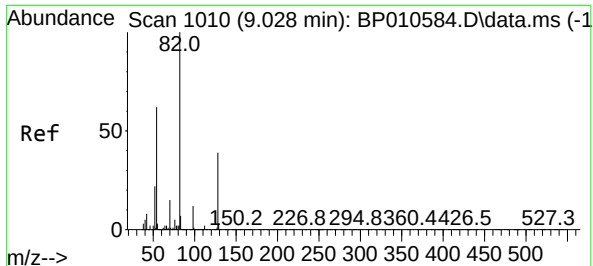
Tgt Ion: 99 Resp: 1019653  
Ion Ratio Lower Upper  
99 100  
42 23.4 20.3 30.5  
71 38.9 33.9 50.9



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.663 min Scan# 1288  
Delta R.T. -0.006 min  
Lab File: BP010625.D  
Acq: 29 May 2022 18:36

Tgt Ion: 136 Resp: 540799  
Ion Ratio Lower Upper  
136 100  
137 11.2 9.0 13.4  
54 10.7 8.7 13.1  
68 6.3 4.8 7.2





#23

Nitrobenzene-d5

Concen: 59.776 ng

RT: 9.028 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP010625.D

Acq: 29 May 2022 18:36

Instrument :

BNA\_P

ClientSampleId :

P016-SS005-0006-02

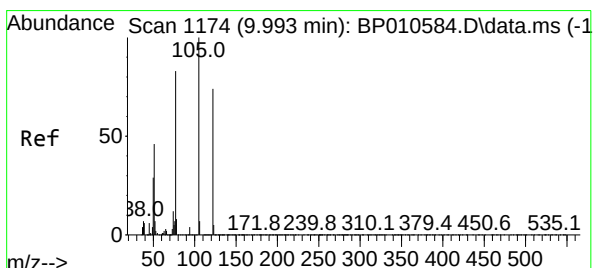
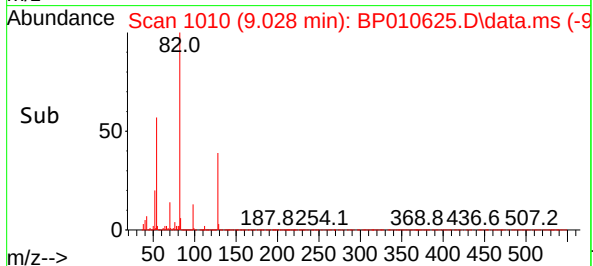
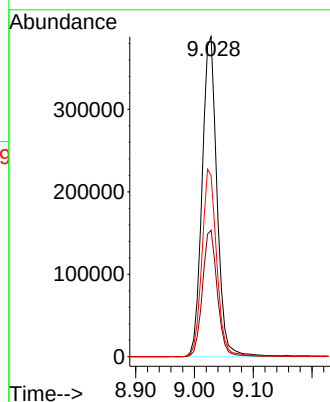
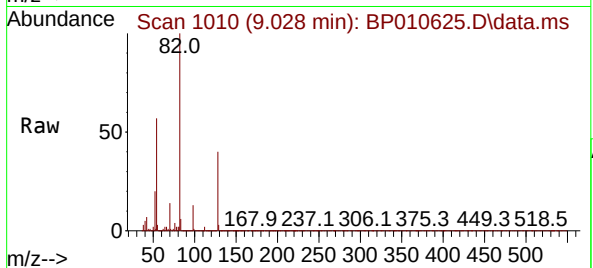
Tgt Ion: 82 Resp: 683751

Ion Ratio Lower Upper

82 100

128 39.5 31.3 46.9

54 56.6 49.8 74.8



#32

Benzoic acid

Concen: 7.337 ng

RT: 9.993 min Scan# 1174

Delta R.T. -0.000 min

Lab File: BP010625.D

Acq: 29 May 2022 18:36

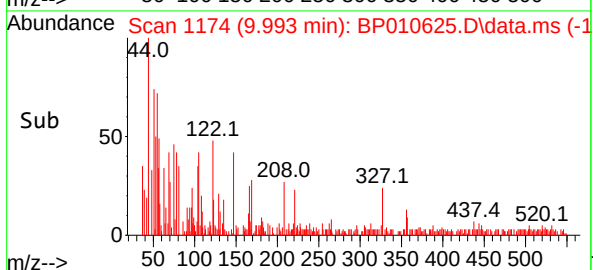
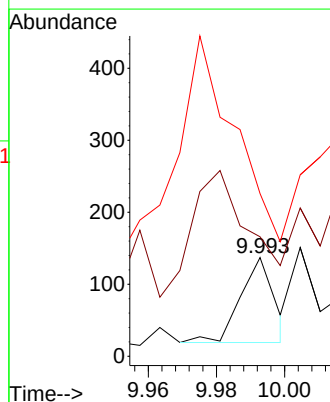
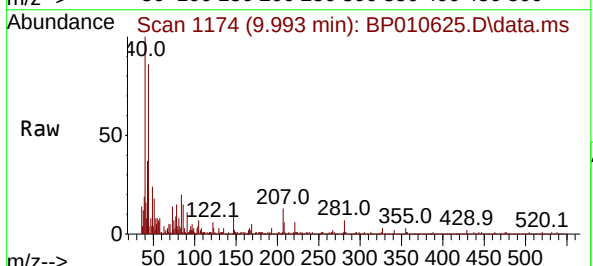
Tgt Ion:122 Resp: 81

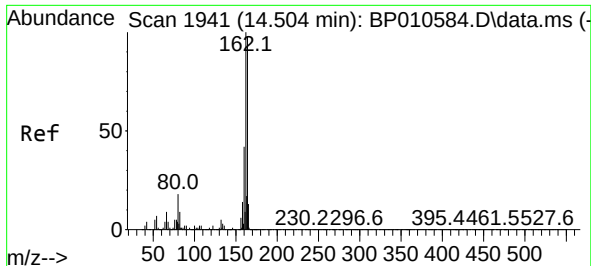
Ion Ratio Lower Upper

122 100

105 121.2 112.6 152.6

77 165.0 90.2 130.2#

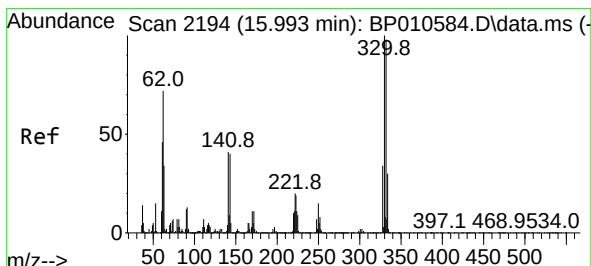
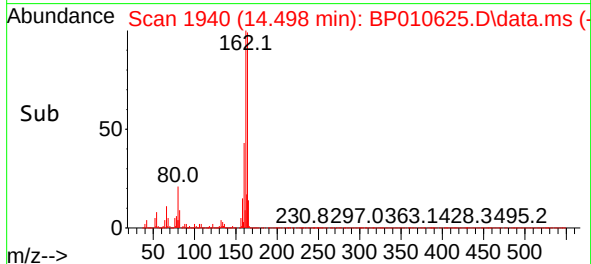
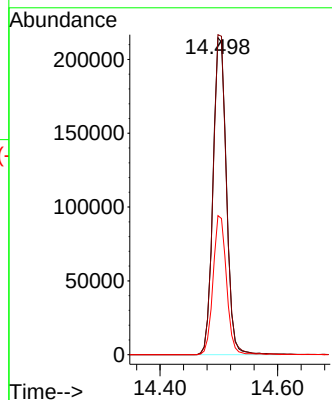
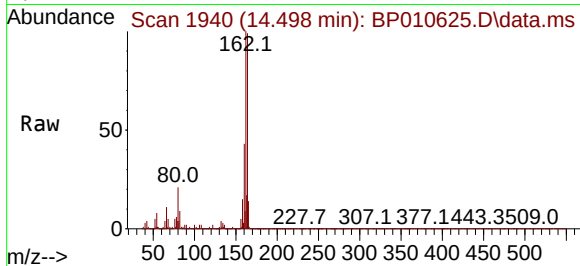




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.498 min Scan# 1940  
Delta R.T. -0.006 min  
Lab File: BP010625.D  
Acq: 29 May 2022 18:36

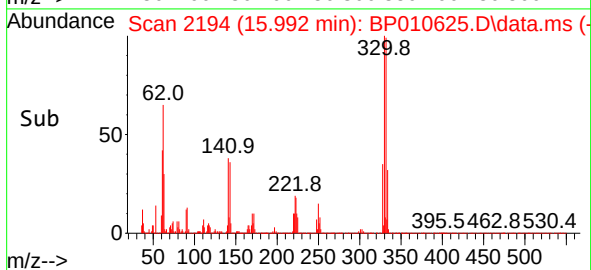
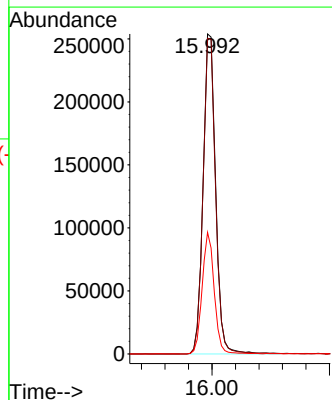
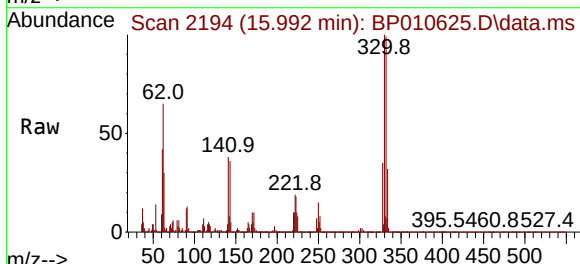
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P016-SS005-0006-02

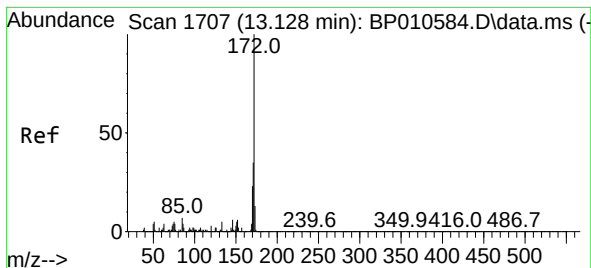
Tgt Ion:164 Resp: 339774  
Ion Ratio Lower Upper  
164 100  
162 101.0 81.9 122.9  
160 43.9 34.6 51.8



#42  
2,4,6-Tribromophenol  
Concen: 97.937 ng  
RT: 15.992 min Scan# 2194  
Delta R.T. -0.001 min  
Lab File: BP010625.D  
Acq: 29 May 2022 18:36

Tgt Ion:330 Resp: 376673  
Ion Ratio Lower Upper  
330 100  
332 97.9 78.1 117.1  
141 36.5 31.4 47.2





#45

2-Fluorobiphenyl

Concen: 60.296 ng

RT: 13.122 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP010625.D

Acq: 29 May 2022 18:36

Instrument :

BNA\_P

ClientSampleId :

P016-SS005-0006-02

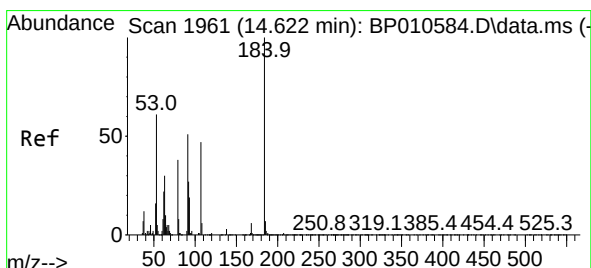
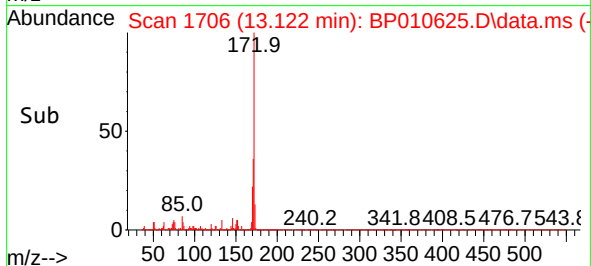
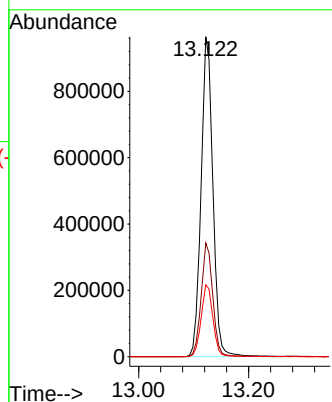
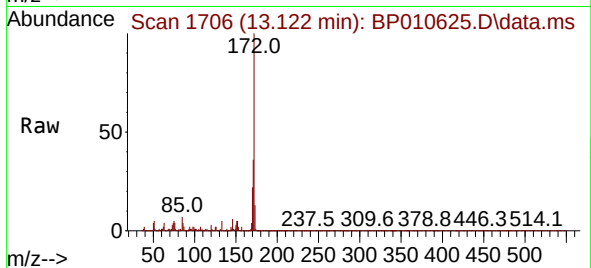
Tgt Ion:172 Resp: 1443530

Ion Ratio Lower Upper

172 100

171 35.6 27.9 41.9

170 22.5 18.2 27.2



#54

2,4-Dinitrophenol

Concen: 6.656 ng

RT: 14.604 min Scan# 1958

Delta R.T. -0.018 min

Lab File: BP010625.D

Acq: 29 May 2022 18:36

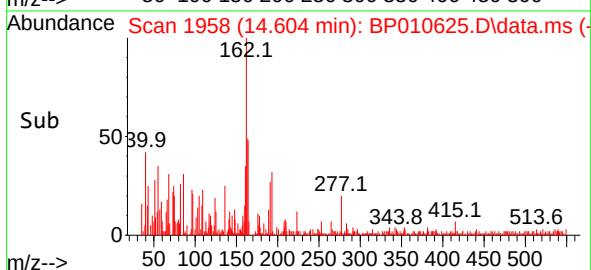
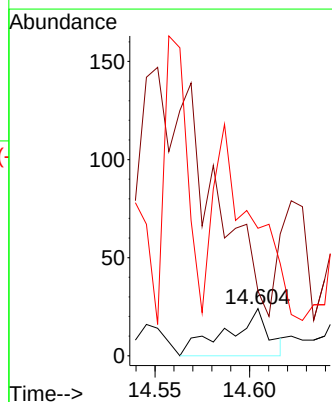
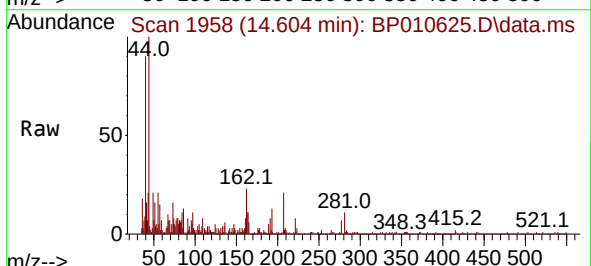
Tgt Ion:184 Resp: 37

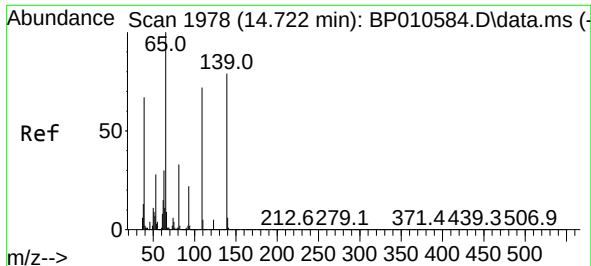
Ion Ratio Lower Upper

184 100

63 137.5 65.4 98.2#

154 270.8 55.4 83.2#

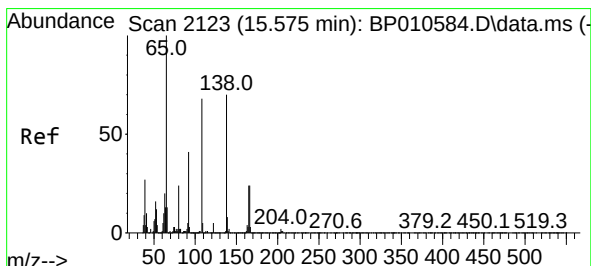
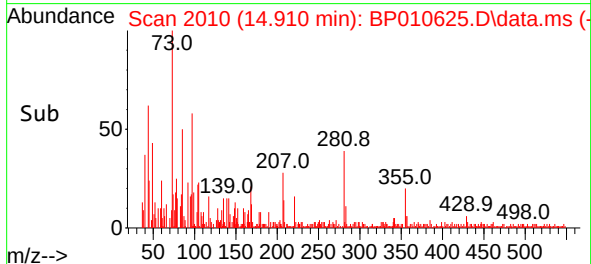
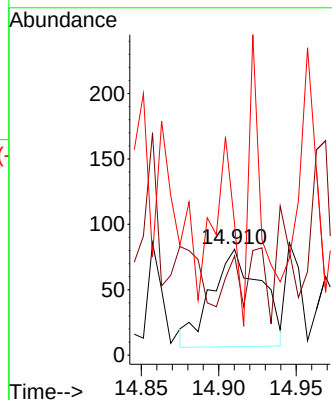
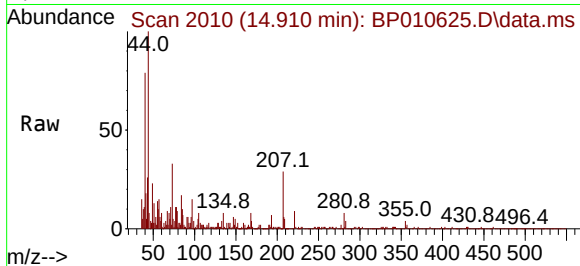




#56  
4-Nitrophenol  
Concen: 3.634 ng  
RT: 14.910 min Scan# 20  
Delta R.T. 0.188 min  
Lab File: BP010625.D  
Acq: 29 May 2022 18:36

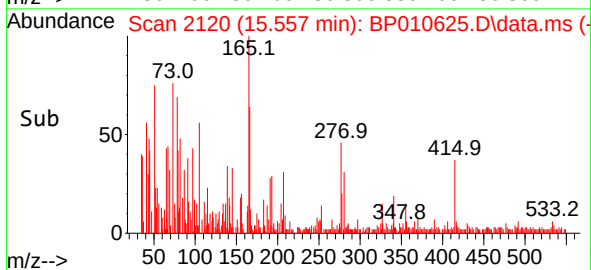
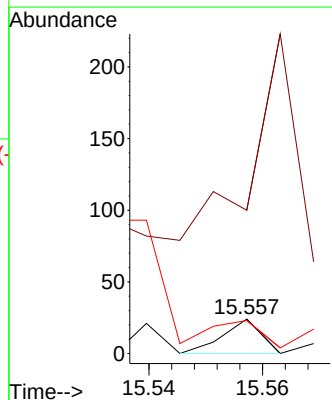
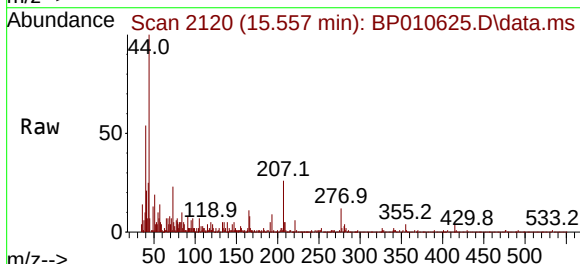
Instrument :  
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P016-SS005-0006-02

Tgt Ion:139 Resp: 164  
Ion Ratio Lower Upper  
139 100  
109 93.8 70.6 110.6  
65 123.5 106.6 146.6

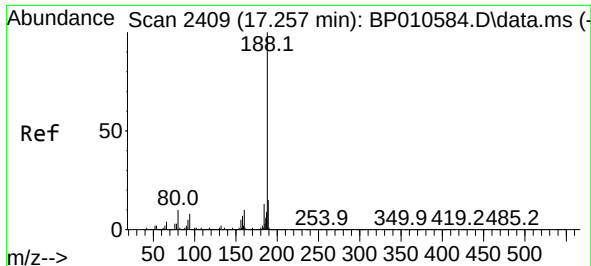


#62  
4-Nitroaniline  
Concen: 2.135 ng  
RT: 15.557 min Scan# 2120  
Delta R.T. -0.018 min  
Lab File: BP010625.D  
Acq: 29 May 2022 18:36

Tgt Ion:138 Resp: 11  
Ion Ratio Lower Upper  
138 100  
92 416.7 38.0 78.0#  
108 95.8 77.6 117.6



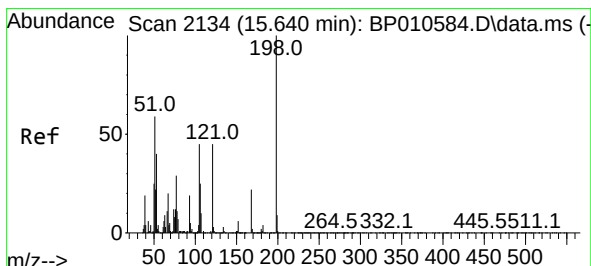
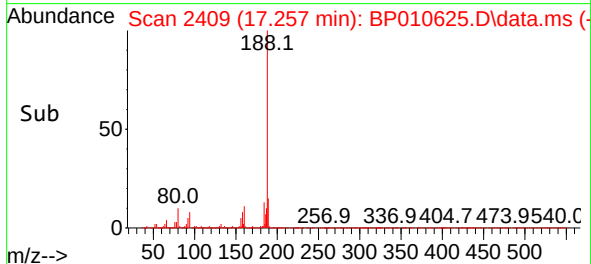
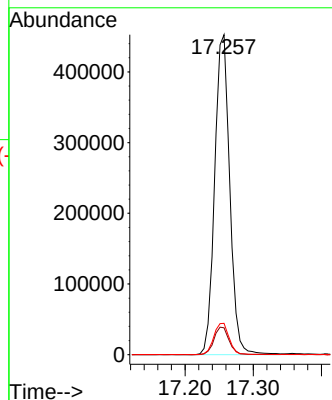
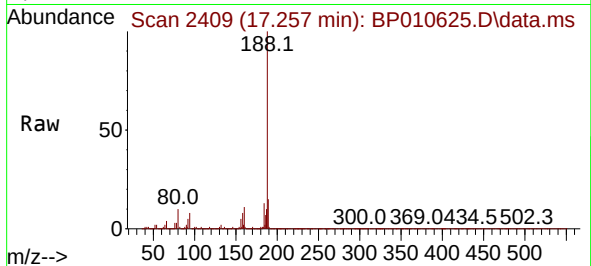




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.257 min Scan# 2409  
Delta R.T. -0.000 min  
Lab File: BP010625.D  
Acq: 29 May 2022 18:36

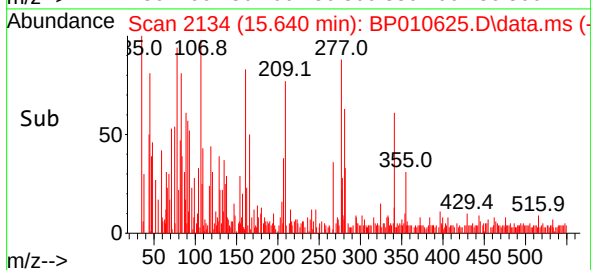
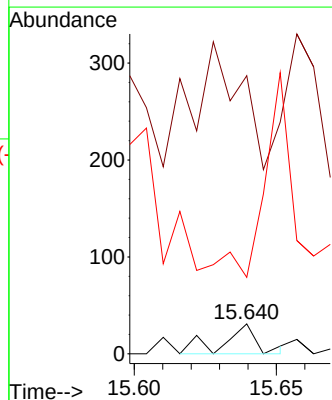
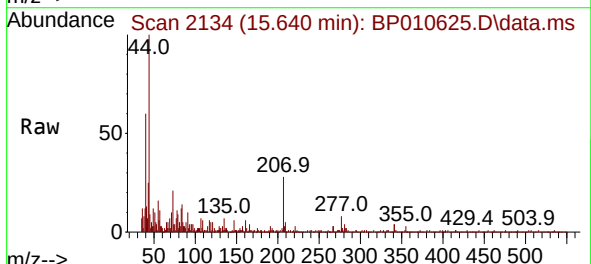
Instrument :  
BNA\_P  
ClientSampleId :  
P016-SS005-0006-02

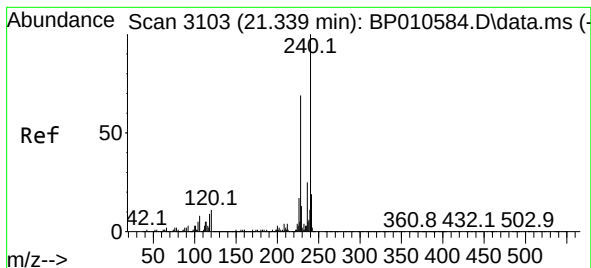
Tgt Ion:188 Resp: 695614  
Ion Ratio Lower Upper  
188 100  
94 8.4 6.6 10.0  
80 9.8 8.0 12.0



#65  
4,6-Dinitro-2-methylphenol  
Concen: 4.608 ng  
RT: 15.640 min Scan# 2134  
Delta R.T. -0.000 min  
Lab File: BP010625.D  
Acq: 29 May 2022 18:36

Tgt Ion:198 Resp: 26  
Ion Ratio Lower Upper  
198 100  
51 925.8 41.2 81.2#  
105 254.8 25.3 65.3#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.339 min Scan# 31

Delta R.T. 0.000 min

Lab File: BP010625.D

Acq: 29 May 2022 18:36

Instrument :

BNA\_P

ClientSampleId :

P016-SS005-0006-02

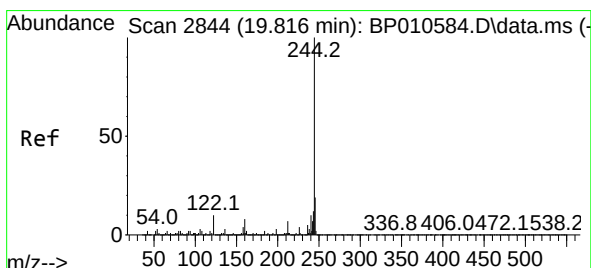
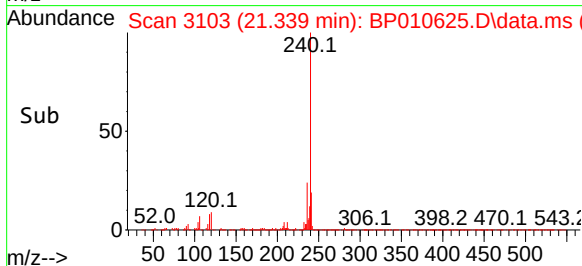
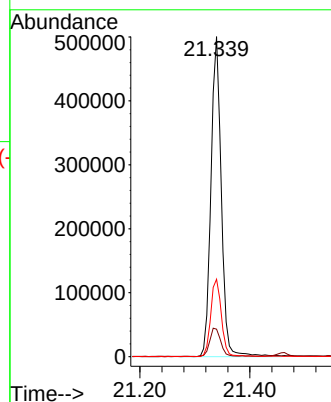
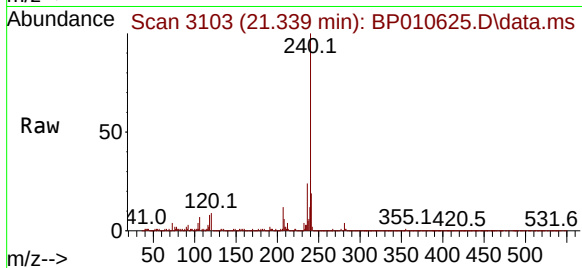
Tgt Ion:240 Resp: 652231

Ion Ratio Lower Upper

240 100

120 8.6 8.6 12.8

236 24.2 19.8 29.6



#79

Terphenyl-d14

Concen: 63.818 ng

RT: 19.810 min Scan# 2843

Delta R.T. -0.006 min

Lab File: BP010625.D

Acq: 29 May 2022 18:36

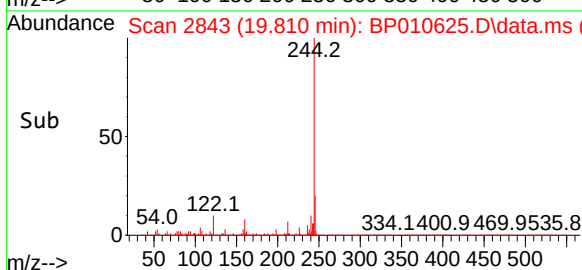
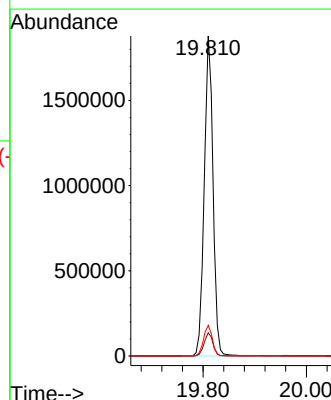
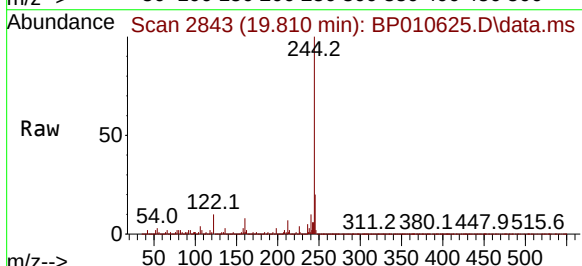
Tgt Ion:244 Resp: 2216051

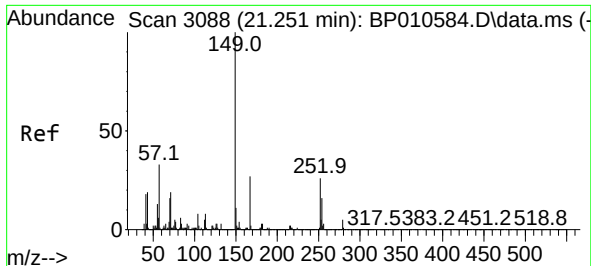
Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

122 9.5 7.6 11.4

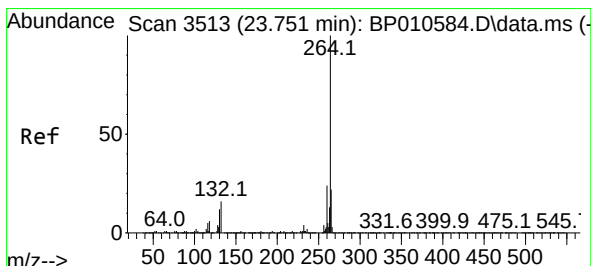
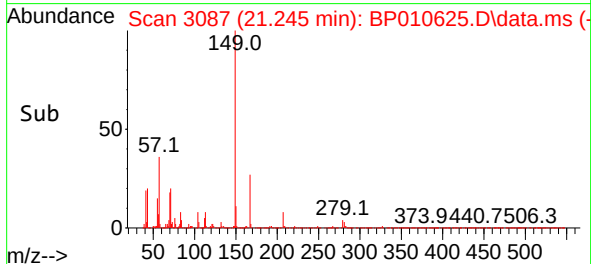
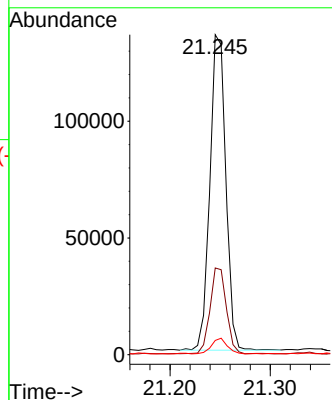
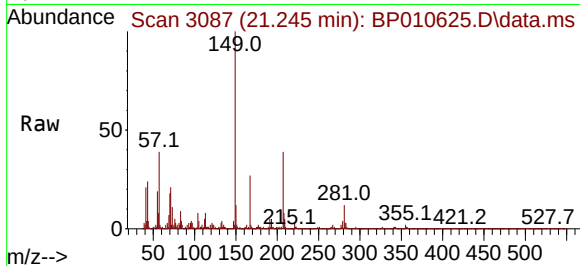




#84  
Bis(2-ethylhexyl)phthalate  
Concen: 5.938 ng  
RT: 21.245 min Scan# 3088  
Delta R.T. -0.006 min  
Lab File: BP010625.D  
Acq: 29 May 2022 18:36

Instrument :  
BNA\_P  
ClientSampleId :  
P016-SS005-0006-02

Tgt Ion:149 Resp: 149832  
Ion Ratio Lower Upper  
149 100  
167 27.1 21.8 32.8  
279 4.5 3.7 5.5



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 23.751 min Scan# 3513  
Delta R.T. -0.000 min  
Lab File: BP010625.D  
Acq: 29 May 2022 18:36

Tgt Ion:264 Resp: 649306  
Ion Ratio Lower Upper  
264 100  
260 23.4 19.3 28.9  
265 22.1 18.0 27.0

