

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP072823\  
 Data File : BP016431.D  
 Acq On : 28 Jul 2023 19:41  
 Operator : MA/JU  
 Sample : 03768-02  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 FL-1

Quant Time: Jul 29 00:49:46 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP072723.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jul 28 01:48:25 2023  
 Response via : Initial Calibration

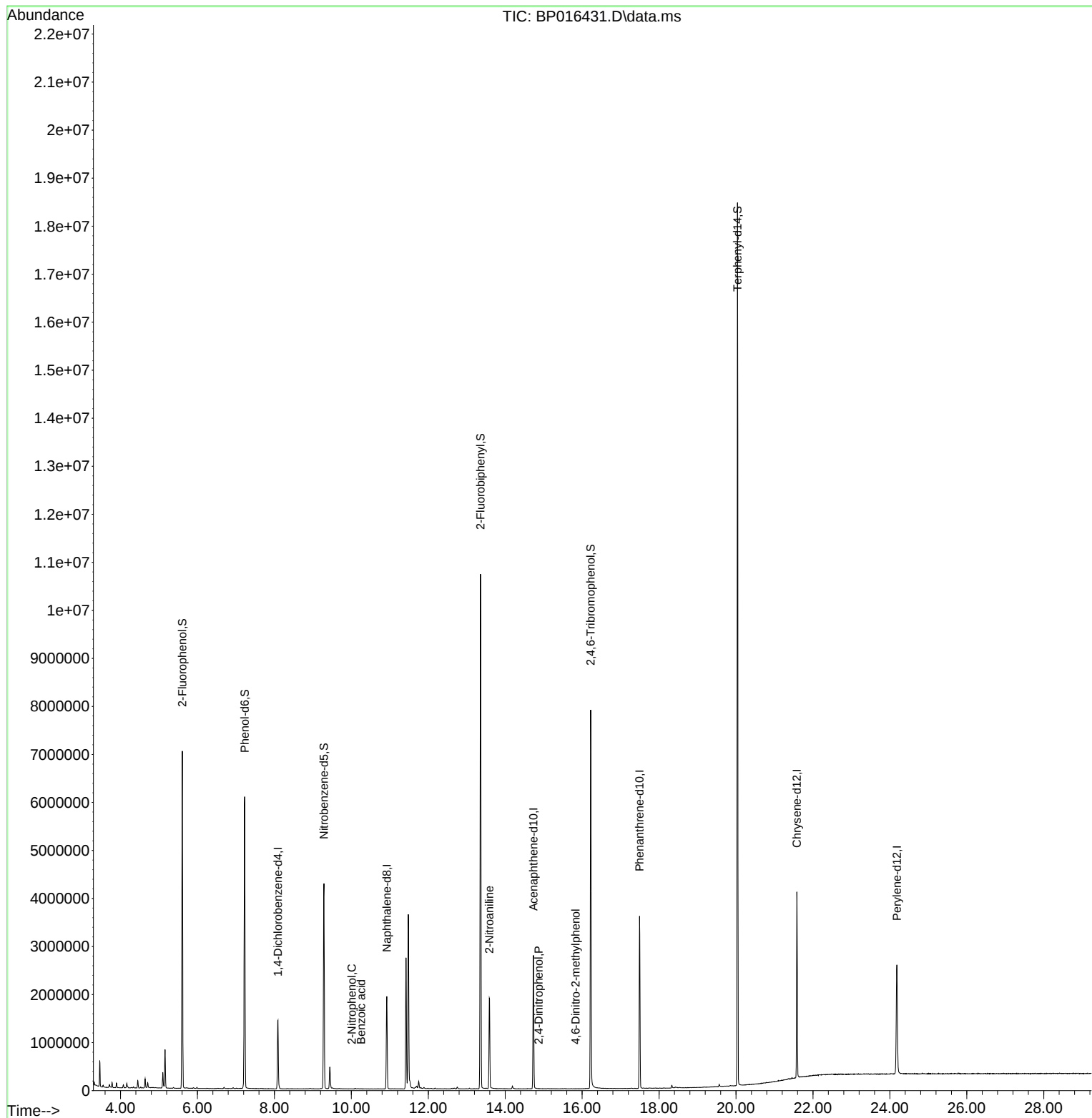
| Compound                      | R.T.   | QIon | Response | Conc      | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-----------|-------|----------|
| -----                         |        |      |          |           |       |          |
| Internal Standards            |        |      |          |           |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.093  | 152  | 381506   | 20.000    | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.922 | 136  | 1555793  | 20.000    | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.734 | 164  | 913664   | 20.000    | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.492 | 188  | 2061768  | 20.000    | ng    | 0.00     |
| 76) Chrysene-d12              | 21.580 | 240  | 1776951  | 20.000    | ng    | #-0.01   |
| 86) Perylene-d12              | 24.180 | 264  | 1754810  | 20.000    | ng    | -0.01    |
|                               |        |      |          |           |       |          |
| System Monitoring Compounds   |        |      |          |           |       |          |
| 5) 2-Fluorophenol             | 5.605  | 112  | 3058415  | 130.785   | ng    | 0.00     |
| 7) Phenol-d6                  | 7.228  | 99   | 3710394  | 115.757   | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.287  | 82   | 2494786  | 89.764    | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.222 | 330  | 1426265  | 106.110   | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.357 | 172  | 5453519  | 85.574    | ng    | 0.00     |
| 79) Terphenyl-d14             | 20.039 | 244  | 8615033  | 102.415   | ng    | 0.00     |
|                               |        |      |          |           |       |          |
| Target Compounds              |        |      |          |           |       | Qvalue   |
| 9) Benzaldehyde               | 7.228  | 77   | 7542     | Below Cal | #     | 5        |
| 26) 2-Nitrophenol             | 10.010 | 139  | 48       | 3.129 ng  | #     | 1        |
| 32) Benzoic acid              | 10.252 | 122  | 116      | 6.292 ng  | #     | 1        |
| 48) 2-Nitroaniline            | 13.587 | 65   | 33413    | 2.256 ng  | #     | 12       |
| 54) 2,4-Dinitrophenol         | 14.869 | 184  | 17       | 8.004 ng  | #     | 1        |
| 65) 4,6-Dinitro-2-methylph... | 15.828 | 198  | 8        | 6.302 ng  | #     | 1        |
| -----                         |        |      |          |           |       |          |

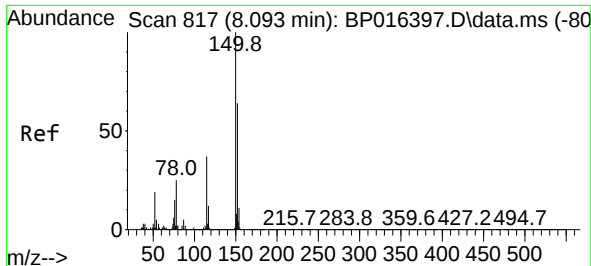
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP072823\  
Data File : BP016431.D  
Acq On : 28 Jul 2023 19:41  
Operator : MA/JU  
Sample : 03768-02  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
FL-1

Quant Time: Jul 29 00:49:46 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP072723.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Jul 28 01:48:25 2023  
Response via : Initial Calibration

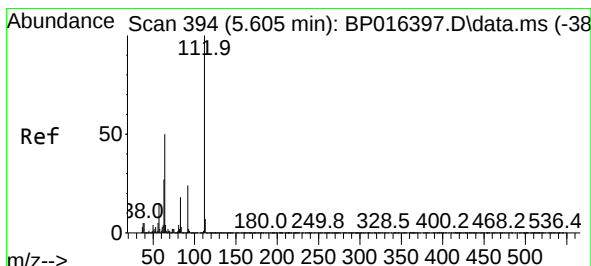
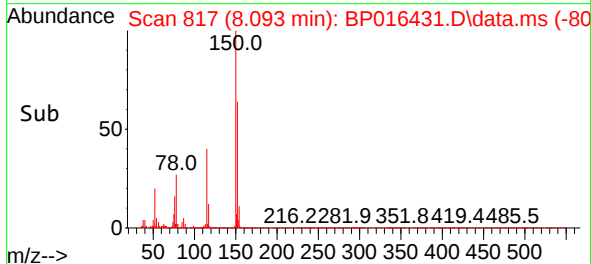
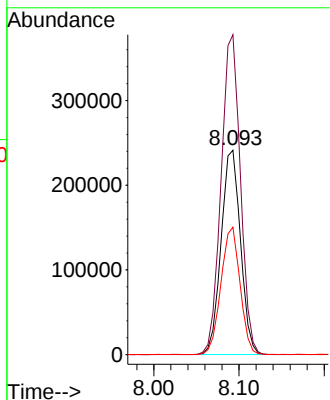
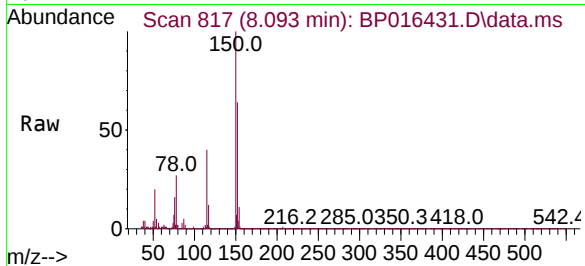




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.093 min Scan# 817  
Delta R.T. -0.000 min  
Lab File: BP016431.D  
Acq: 28 Jul 2023 19:41

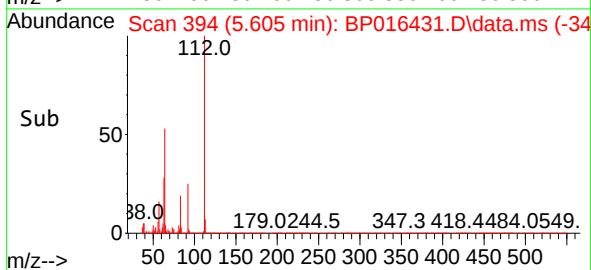
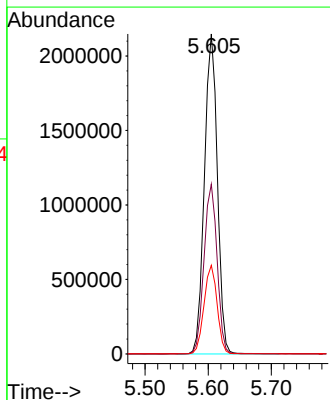
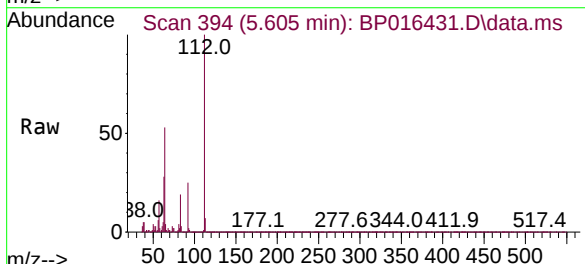
Instrument :  
BNA\_P  
ClientSampleId :  
FL-1

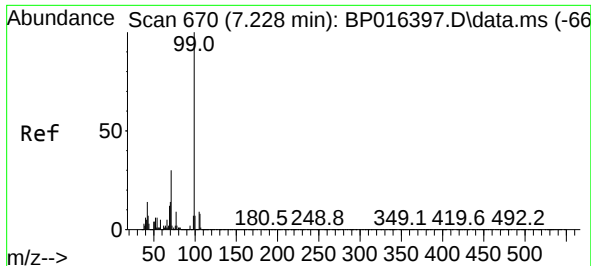
Tgt Ion:152 Resp: 381506  
Ion Ratio Lower Upper  
152 100  
150 156.5 124.9 187.3  
115 62.3 46.8 70.2



#5  
2-Fluorophenol  
Concen: 130.785 ng  
RT: 5.605 min Scan# 394  
Delta R.T. -0.000 min  
Lab File: BP016431.D  
Acq: 28 Jul 2023 19:41

Tgt Ion:112 Resp: 3058415  
Ion Ratio Lower Upper  
112 100  
64 53.0 40.0 60.0  
63 27.7 21.2 31.8

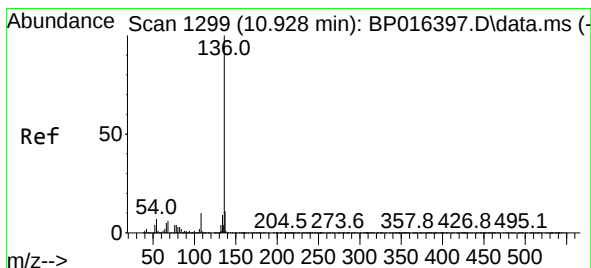
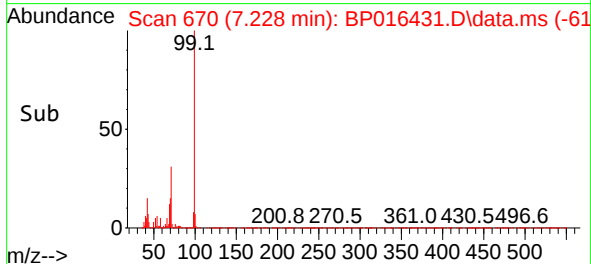
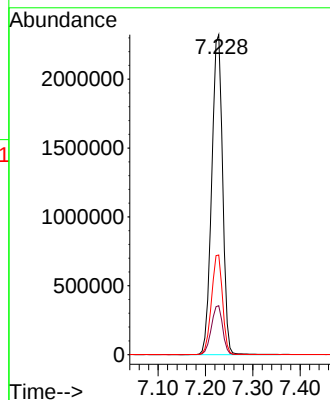
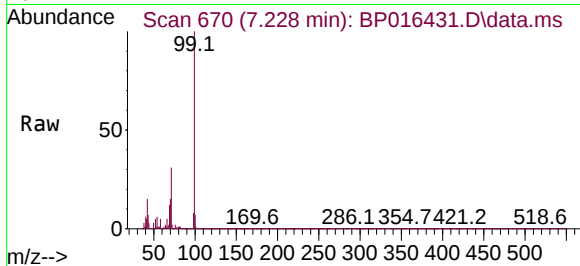




#7  
Phenol-d6  
Concen: 115.757 ng  
RT: 7.228 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: BP016431.D  
Acq: 28 Jul 2023 19:41

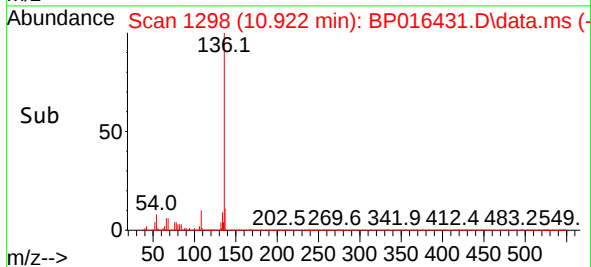
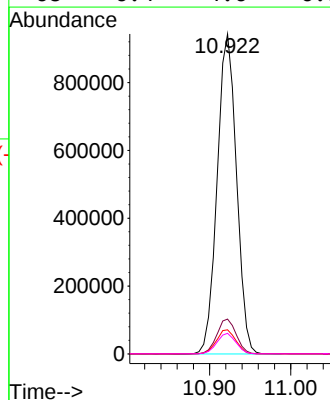
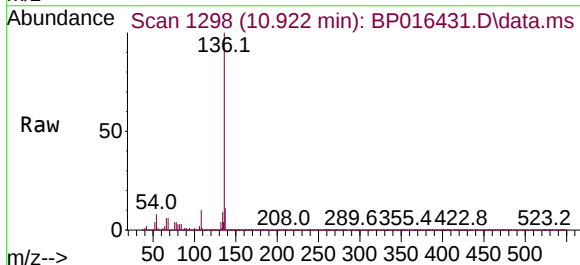
Instrument :  
BNA\_P  
ClientSampleId :  
FL-1

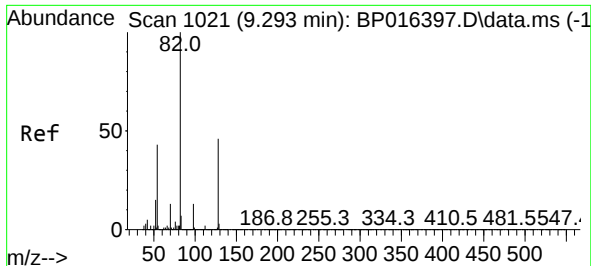
Tgt Ion: 99 Resp: 3710394  
Ion Ratio Lower Upper  
99 100  
42 15.3 11.6 17.4  
71 31.1 24.3 36.5



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.922 min Scan# 1298  
Delta R.T. -0.006 min  
Lab File: BP016431.D  
Acq: 28 Jul 2023 19:41

Tgt Ion:136 Resp: 1555793  
Ion Ratio Lower Upper  
136 100  
137 10.9 8.6 13.0  
54 7.5 5.6 8.4  
68 6.4 4.6 6.8

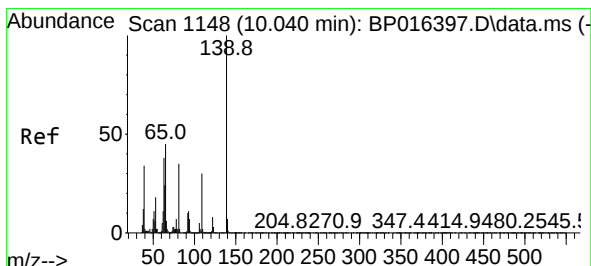
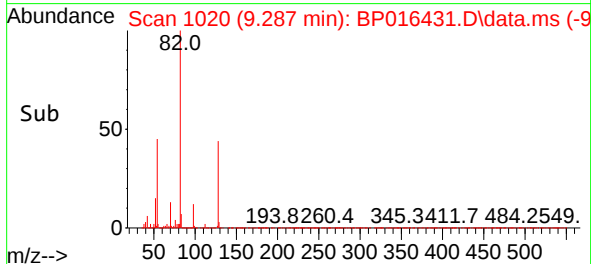
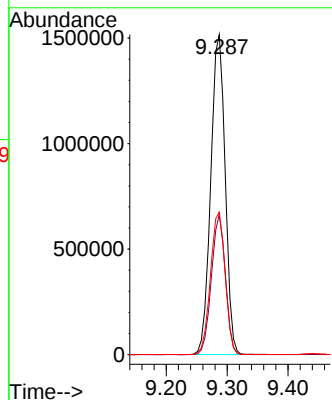
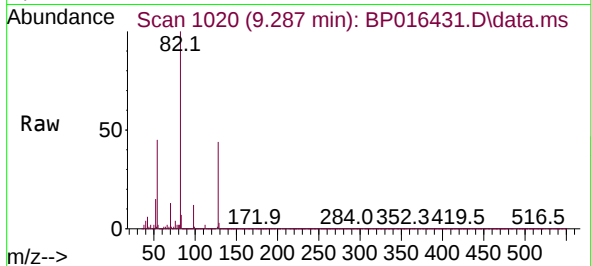




#23  
Nitrobenzene-d5  
Concen: 89.764 ng  
RT: 9.287 min Scan# 10  
Delta R.T. -0.006 min  
Lab File: BP016431.D  
Acq: 28 Jul 2023 19:41

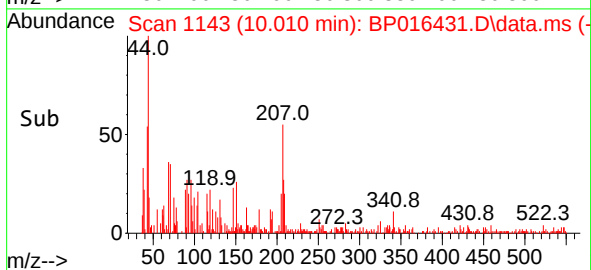
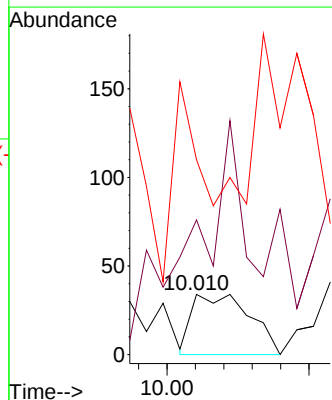
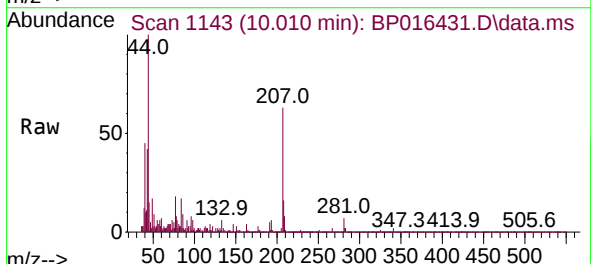
Instrument :  
BNA\_P  
ClientSampleId :  
FL-1

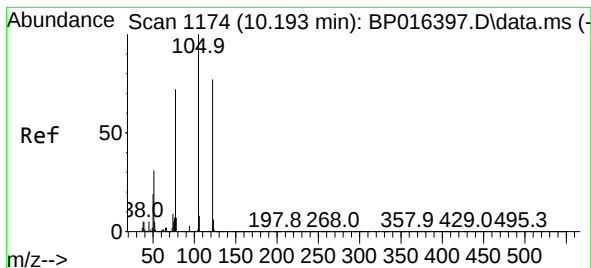
Tgt Ion: 82 Resp: 2494786  
Ion Ratio Lower Upper  
82 100  
128 43.8 36.6 55.0  
54 44.5 34.5 51.7



#26  
2-Nitrophenol  
Concen: 3.129 ng  
RT: 10.010 min Scan# 1143  
Delta R.T. -0.030 min  
Lab File: BP016431.D  
Acq: 28 Jul 2023 19:41

Tgt Ion:139 Resp: 48  
Ion Ratio Lower Upper  
139 100  
109 223.5 24.2 36.4#  
65 323.5 35.8 53.6#





#32

Benzoic acid

Concen: 6.292 ng

RT: 10.252 min Scan# 1174

Delta R.T. 0.059 min

Lab File: BP016431.D

Acq: 28 Jul 2023 19:41

Instrument :

BNA\_P

ClientSampleId :

FL-1

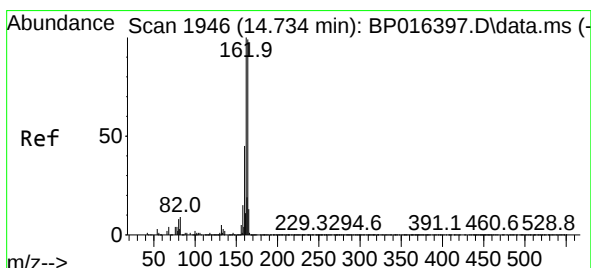
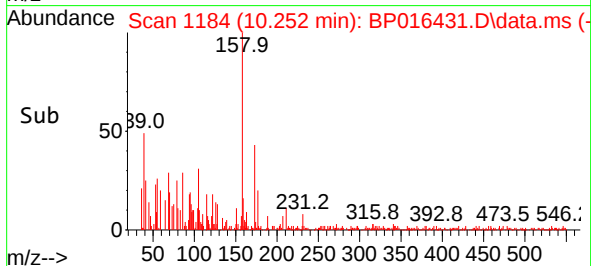
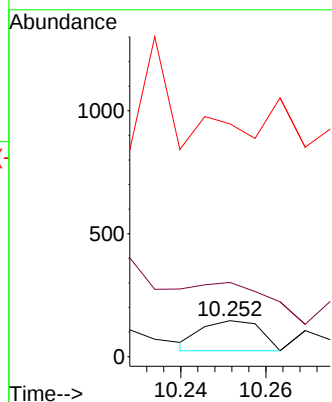
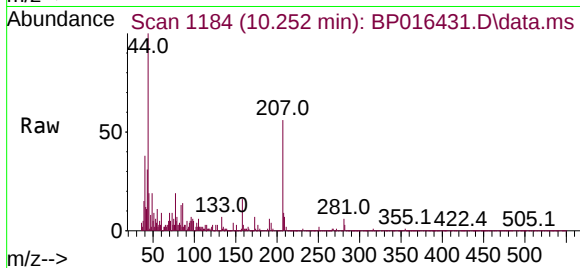
Tgt Ion:122 Resp: 116

Ion Ratio Lower Upper

122 100

105 205.4 105.2 145.2#

77 644.2 72.2 112.2#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.734 min Scan# 1946

Delta R.T. -0.000 min

Lab File: BP016431.D

Acq: 28 Jul 2023 19:41

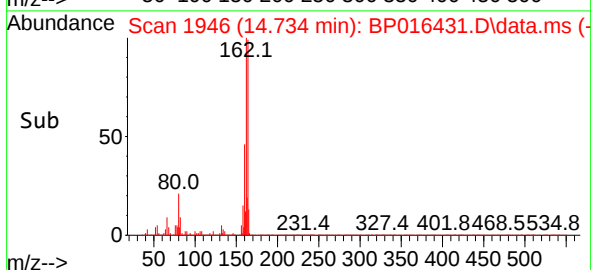
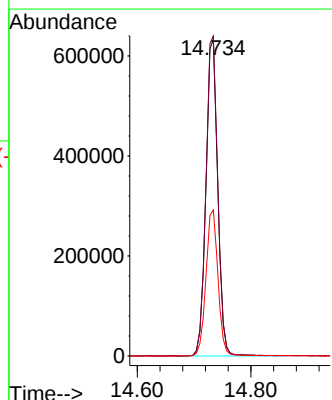
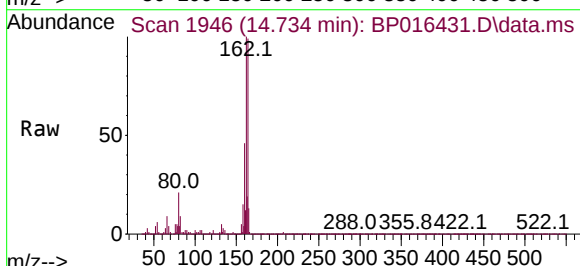
Tgt Ion:164 Resp: 913664

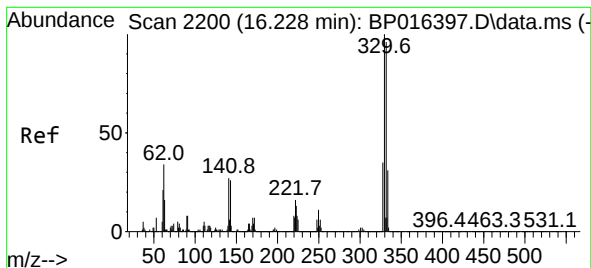
Ion Ratio Lower Upper

164 100

162 101.1 81.0 121.6

160 46.1 36.6 55.0





#42

2,4,6-Tribromophenol

Concen: 106.110 ng

RT: 16.222 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP016431.D

Acq: 28 Jul 2023 19:41

Instrument :

BNA\_P

ClientSampleId :

FL-1

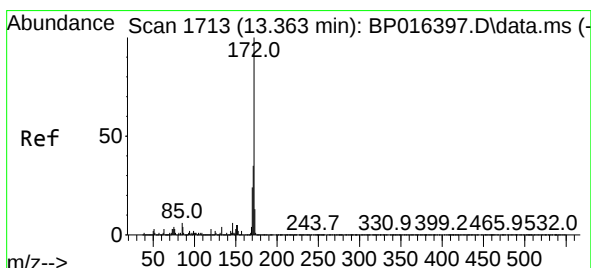
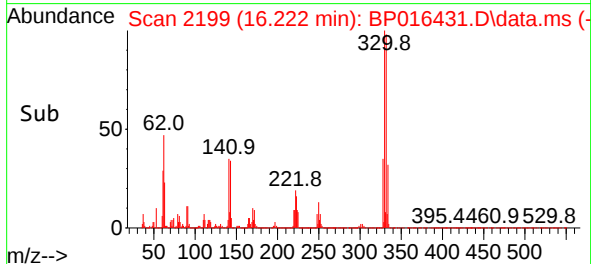
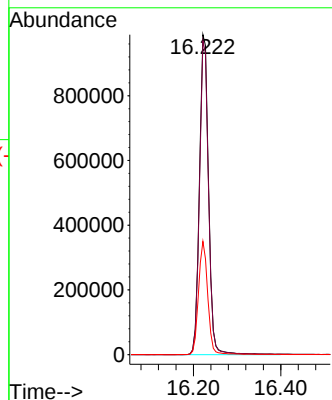
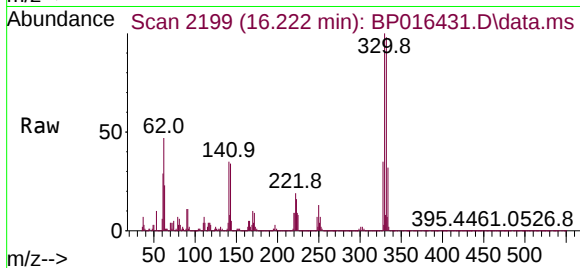
Tgt Ion:330 Resp: 1426265

Ion Ratio Lower Upper

330 100

332 96.8 77.8 116.8

141 35.8 22.6 34.0#



#45

2-Fluorobiphenyl

Concen: 85.574 ng

RT: 13.357 min Scan# 1712

Delta R.T. -0.006 min

Lab File: BP016431.D

Acq: 28 Jul 2023 19:41

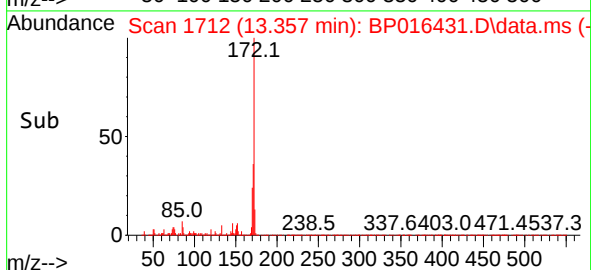
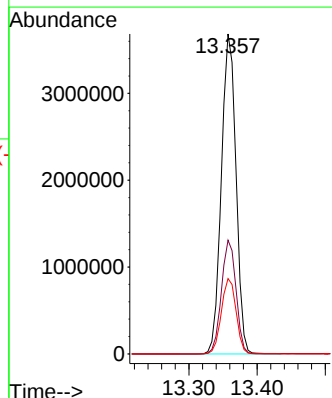
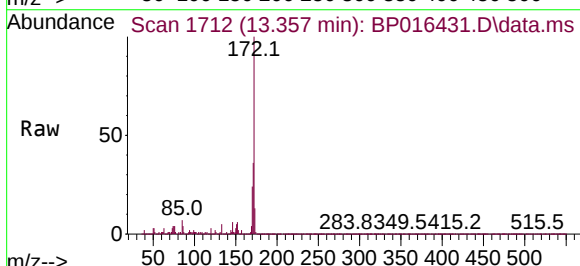
Tgt Ion:172 Resp: 5453519

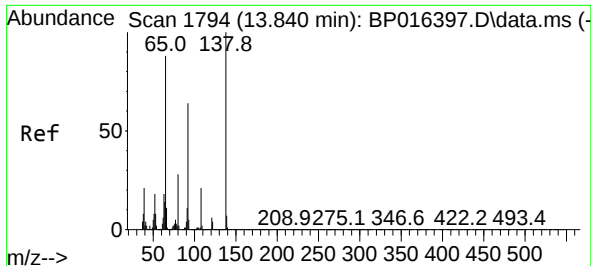
Ion Ratio Lower Upper

172 100

171 35.5 28.2 42.2

170 23.5 19.1 28.7

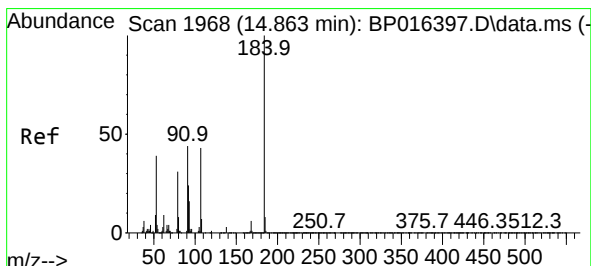
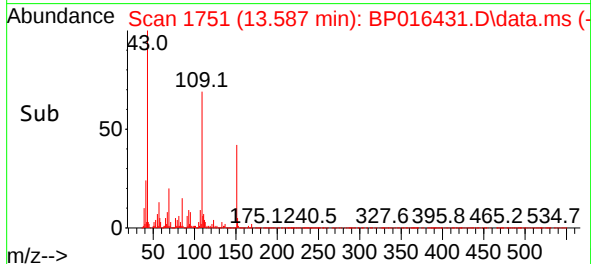
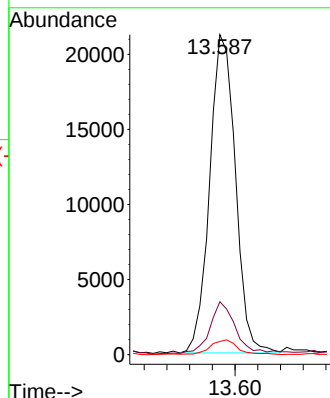
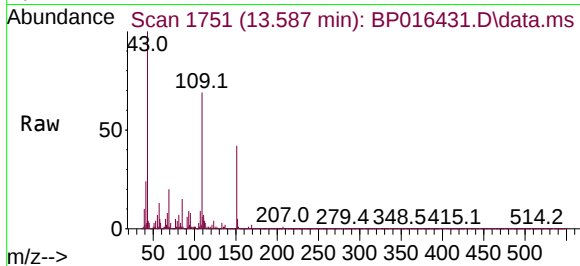




#48  
2-Nitroaniline  
Concen: 2.256 ng  
RT: 13.587 min Scan# 1794  
Delta R.T. -0.253 min  
Lab File: BP016431.D  
Acq: 28 Jul 2023 19:41

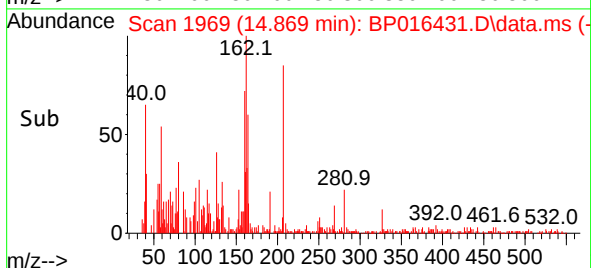
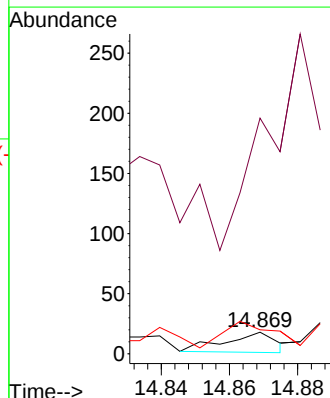
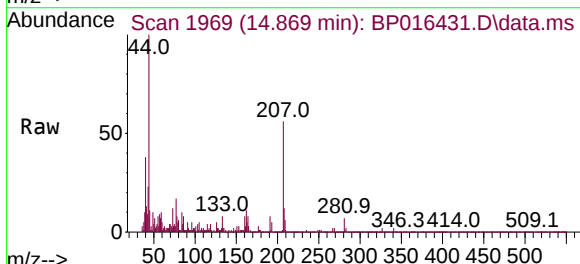
Instrument :  
BNA\_P  
ClientSampleId :  
FL-1

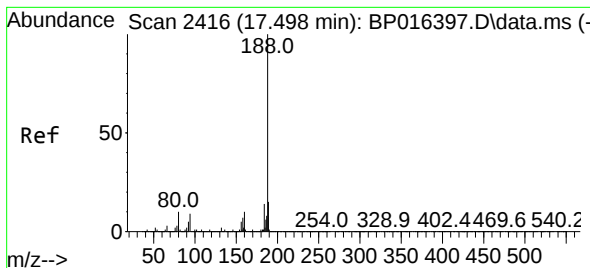
Tgt Ion: 65 Resp: 33413  
Ion Ratio Lower Upper  
65 100  
92 16.5 58.2 87.4#  
138 4.1 91.3 136.9#



#54  
2,4-Dinitrophenol  
Concen: 8.004 ng  
RT: 14.869 min Scan# 1969  
Delta R.T. 0.006 min  
Lab File: BP016431.D  
Acq: 28 Jul 2023 19:41

Tgt Ion: 184 Resp: 17  
Ion Ratio Lower Upper  
184 100  
63 890.9 48.2 72.4#  
154 381.8 49.6 74.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.492 min Scan# 24

Delta R.T. -0.006 min

Lab File: BP016431.D

Acq: 28 Jul 2023 19:41

Instrument :

BNA\_P

ClientSampleId :

FL-1

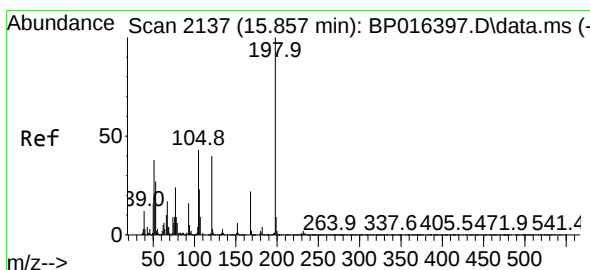
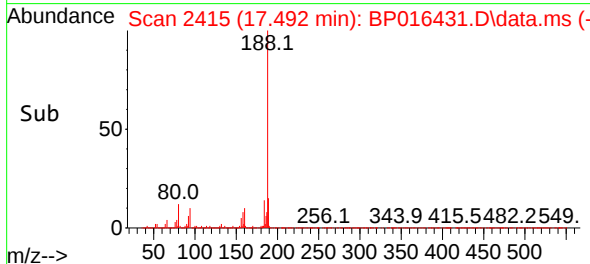
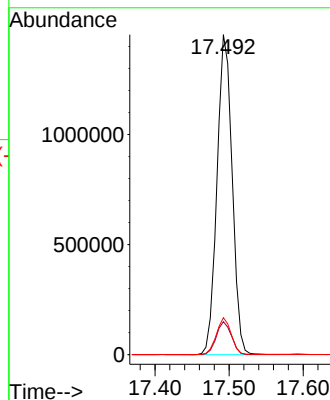
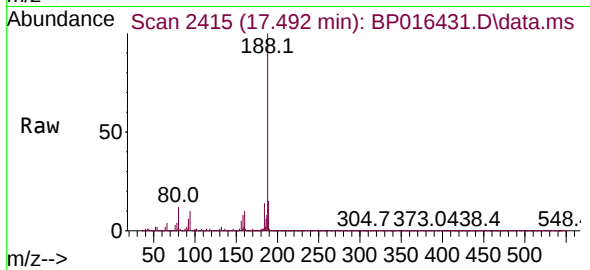
Tgt Ion:188 Resp: 2061768

Ion Ratio Lower Upper

188 100

94 10.3 7.4 11.0

80 11.5 7.8 11.8



#65

4,6-Dinitro-2-methylphenol

Concen: 6.302 ng

RT: 15.828 min Scan# 2132

Delta R.T. -0.029 min

Lab File: BP016431.D

Acq: 28 Jul 2023 19:41

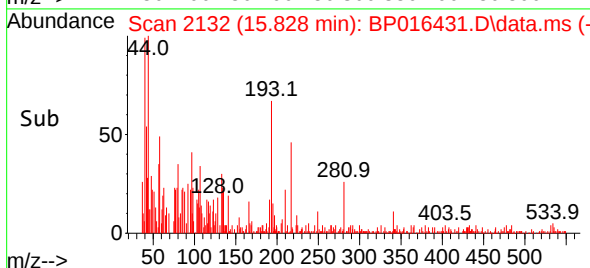
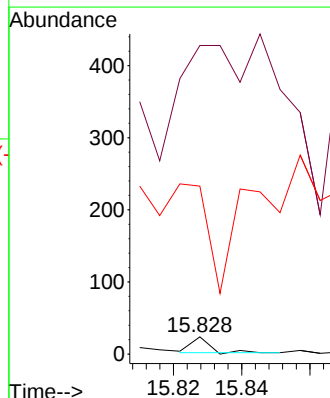
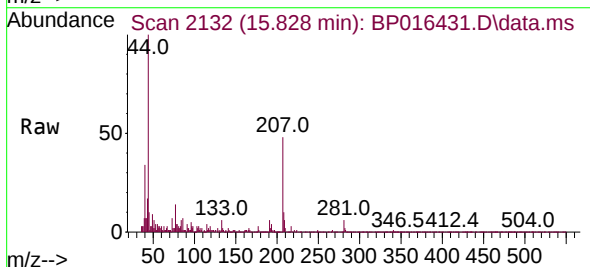
Tgt Ion:198 Resp: 8

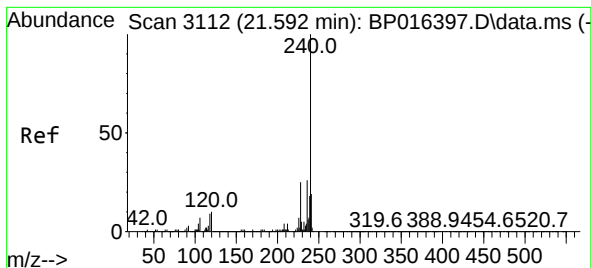
Ion Ratio Lower Upper

198 100

51 1783.3 20.1 60.1#

105 970.8 23.1 63.1#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.580 min Scan# 3112

Delta R.T. -0.012 min

Lab File: BP016431.D

Acq: 28 Jul 2023 19:41

Instrument :

BNA\_P

ClientSampleId :

FL-1

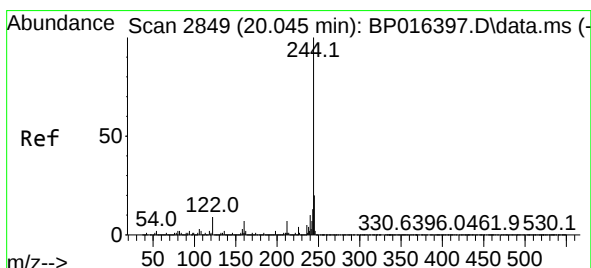
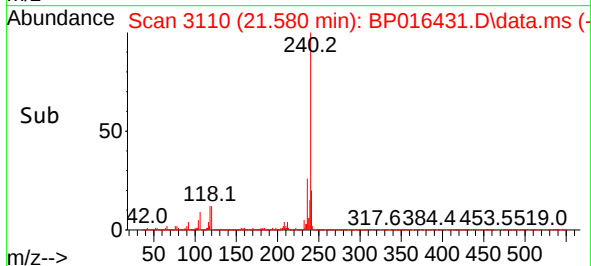
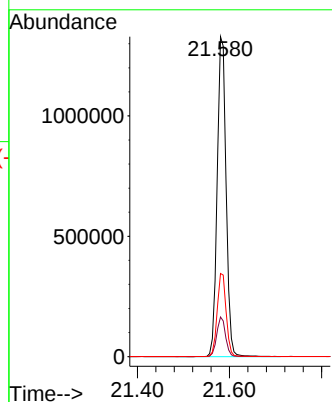
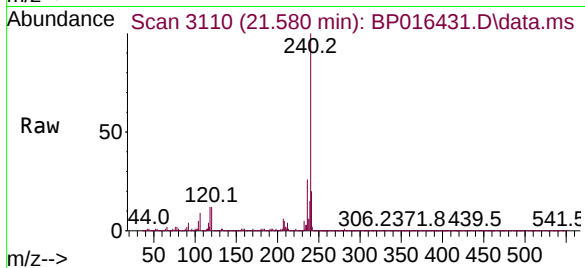
Tgt Ion:240 Resp: 1776951

Ion Ratio Lower Upper

240 100

120 12.4 7.9 11.9#

236 26.0 21.1 31.7



#79

Terphenyl-d14

Concen: 102.415 ng

RT: 20.039 min Scan# 2848

Delta R.T. -0.006 min

Lab File: BP016431.D

Acq: 28 Jul 2023 19:41

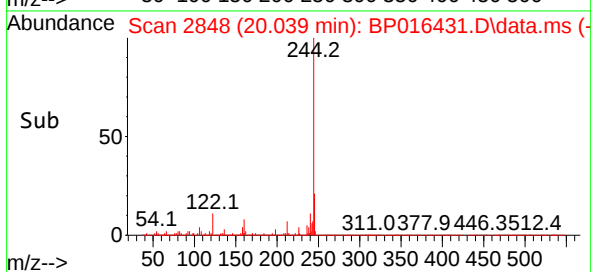
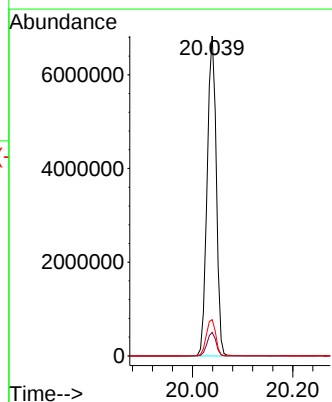
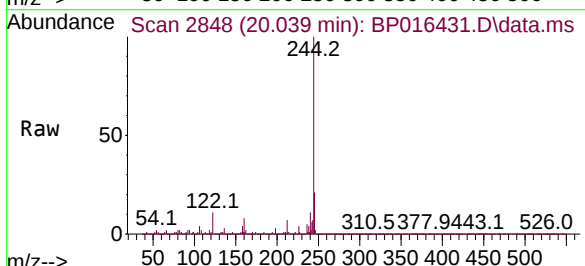
Tgt Ion:244 Resp: 8615033

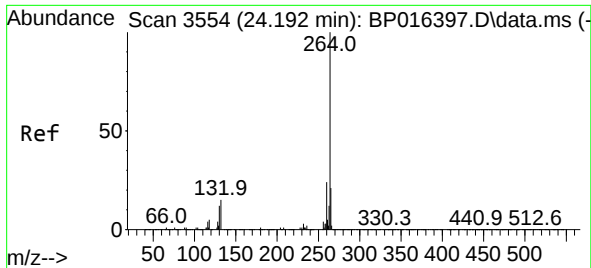
Ion Ratio Lower Upper

244 100

212 7.3 5.6 8.4

122 11.3 7.4 11.2#





#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 24.180 min Scan# 31  
 Delta R.T. -0.012 min  
 Lab File: BP016431.D  
 Acq: 28 Jul 2023 19:41

Instrument :  
 BNA\_P  
 ClientSampleId :  
 FL-1

Tgt Ion:264 Resp: 1754810  
 Ion Ratio Lower Upper  
 264 100  
 260 23.7 19.3 28.9  
 265 21.7 17.4 26.0

