

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP012423\  
 Data File : BP013568.D  
 Acq On : 24 Jan 2023 13:25  
 Operator : CG/JU  
 Sample : 01214-18  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 TJRC-011823-GW

Quant Time: Jan 25 03:47:28 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP012323.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jan 25 03:43:27 2023  
 Response via : Initial Calibration

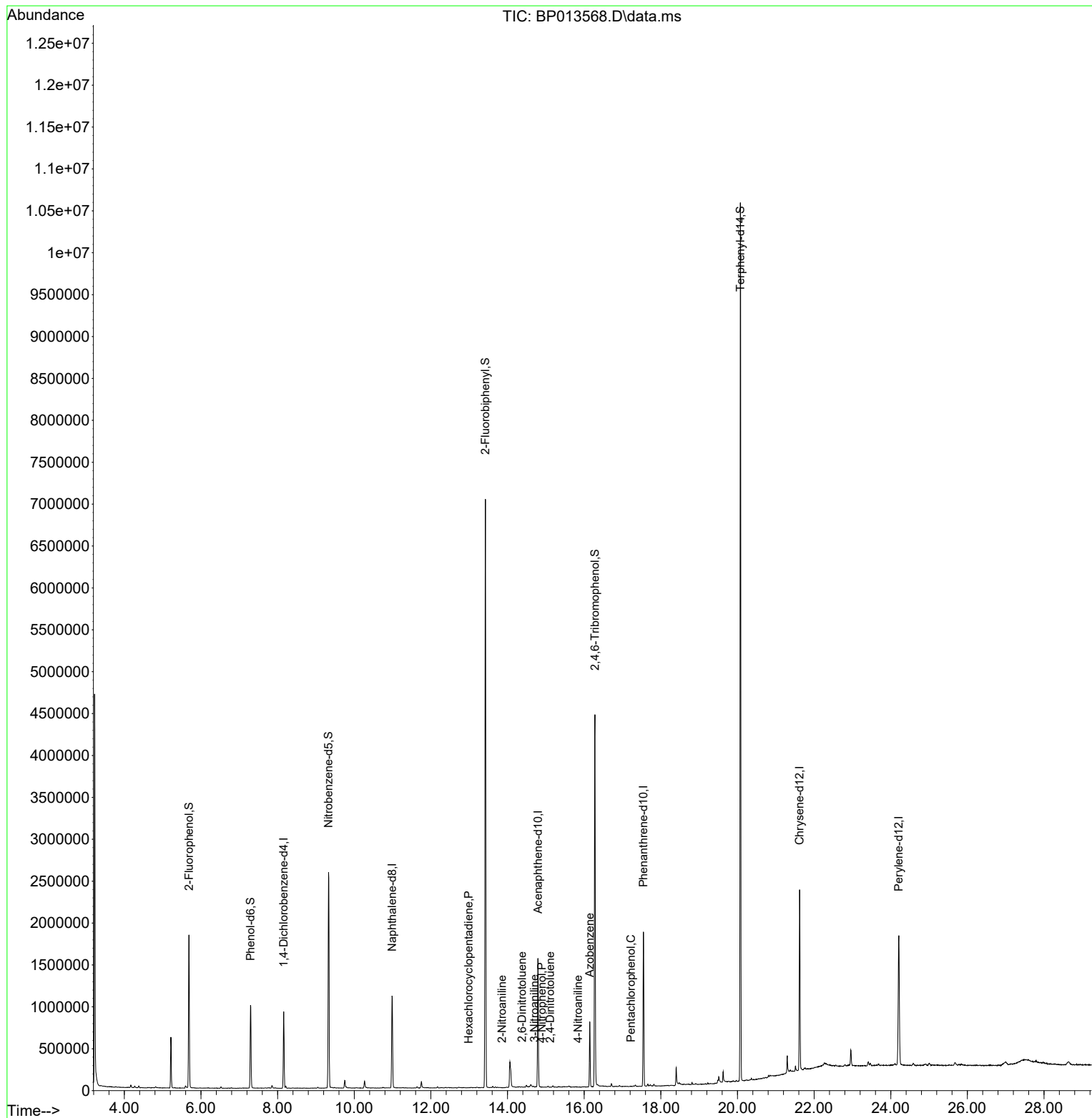
| Compound                      | R.T.   | QIon | Response | Conc      | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-----------|-------|----------|
| -----                         |        |      |          |           |       |          |
| Internal Standards            |        |      |          |           |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.158  | 152  | 245025   | 20.000    | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.987 | 136  | 951944   | 20.000    | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.793 | 164  | 524932   | 20.000    | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.545 | 188  | 1089909  | 20.000    | ng    | 0.00     |
| 76) Chrysene-d12              | 21.622 | 240  | 1029881  | 20.000    | ng    | 0.00     |
| 86) Perylene-d12              | 24.210 | 264  | 1203216  | 20.000    | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |           |       |          |
| 5) 2-Fluorophenol             | 5.687  | 112  | 786088   | 54.968    | ng    | 0.00     |
| 7) Phenol-d6                  | 7.293  | 99   | 578921   | 30.078    | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.328  | 82   | 1466051  | 101.670   | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.281 | 330  | 855761   | 162.528   | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.422 | 172  | 3512954  | 91.861    | ng    | 0.00     |
| 79) Terphenyl-d14             | 20.075 | 244  | 5069026  | 88.546    | ng    | 0.00     |
| Target Compounds              |        |      |          |           |       |          |
|                               |        |      |          |           |       | Qvalue   |
| 41) Hexachlorocyclopentadiene | 12.987 | 237  | 41       | 3.908     | ng    | 92       |
| 48) 2-Nitroaniline            | 13.857 | 65   | 257      | 6.246     | ng    | # 19     |
| 51) 2,6-Dinitrotoluene        | 14.381 | 165  | 100      | 5.176     | ng    | # 38     |
| 53) 3-Nitroaniline            | 14.698 | 138  | 215      | 5.430     | ng    | # 63     |
| 54) 2,4-Dinitrophenol         | 14.881 | 184  | 18       | Below Cal |       | # 1      |
| 56) 4-Nitrophenol             | 14.893 | 139  | 60       | 5.200     | ng    | 93       |
| 57) 2,4-Dinitrotoluene        | 15.116 | 165  | 52       | 5.199     | ng    | # 75     |
| 62) 4-Nitroaniline            | 15.840 | 138  | 25       | 3.666     | ng    | # 1      |
| 63) Azobenzene                | 16.145 | 77   | 206167   | 5.567     | ng    | # 1      |
| 70) Pentachlorophenol         | 17.222 | 266  | 13       | 5.330     | ng    | 92       |
| -----                         |        |      |          |           |       |          |

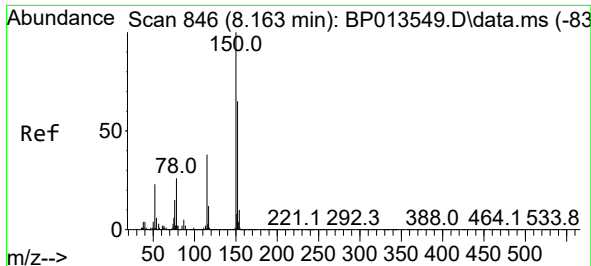
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP012423\  
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP012323.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Jan 25 03:43:27 2023  
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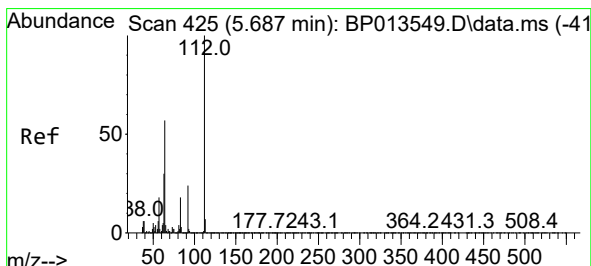
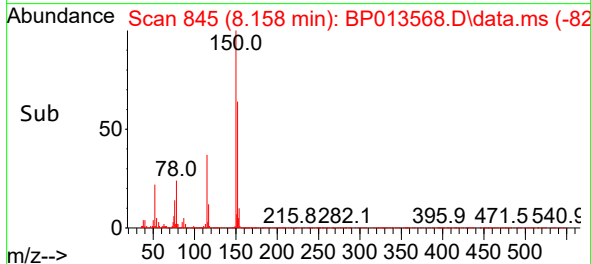
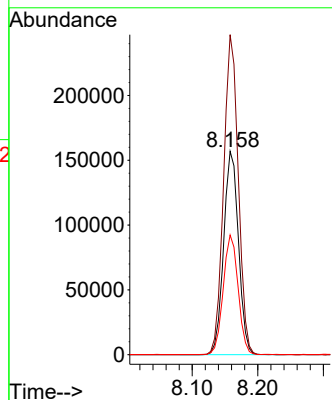
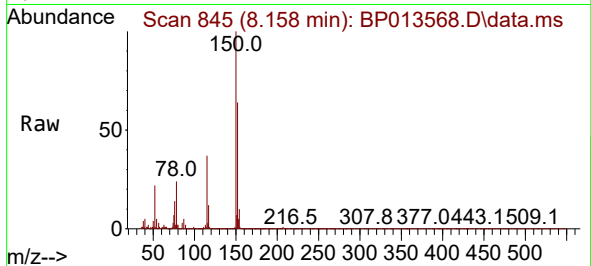




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.158 min Scan# 846  
Delta R.T. -0.006 min  
Lab File: BP013568.D  
Acq: 24 Jan 2023 13:25

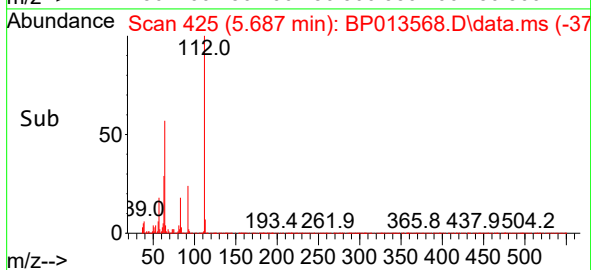
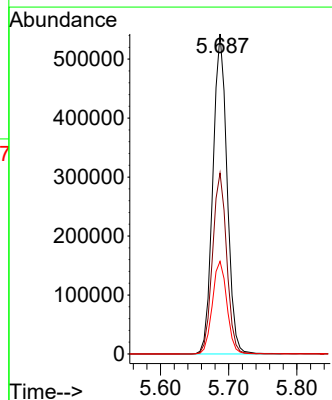
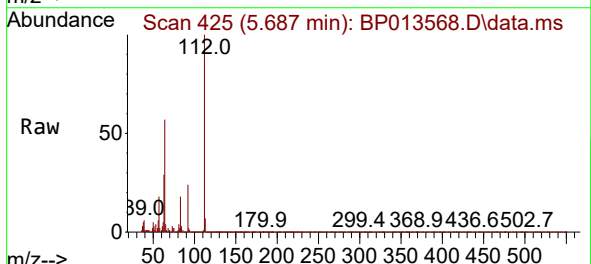
Instrument :  
BNA\_P  
ClientSampleId :  
TJRC-011823-GW

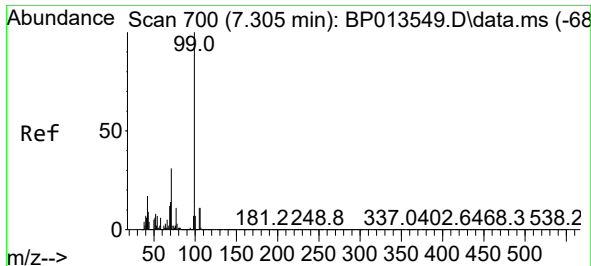
Tgt Ion:152 Resp: 245025  
Ion Ratio Lower Upper  
152 100  
150 157.4 122.4 183.6  
115 58.9 46.1 69.1



#5  
2-Fluorophenol  
Concen: 54.968 ng  
RT: 5.687 min Scan# 425  
Delta R.T. -0.000 min  
Lab File: BP013568.D  
Acq: 24 Jan 2023 13:25

Tgt Ion:112 Resp: 786088  
Ion Ratio Lower Upper  
112 100  
64 56.5 45.4 68.0  
63 29.0 24.1 36.1

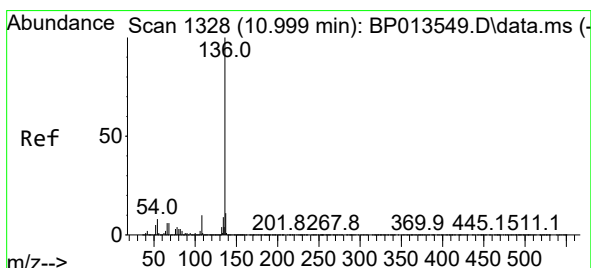
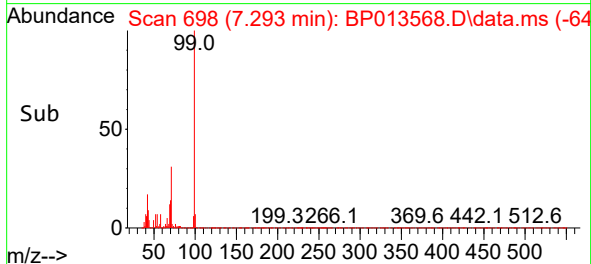
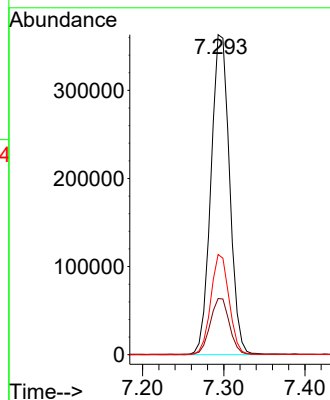
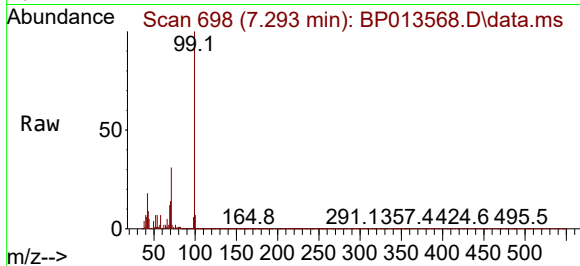




#7  
Phenol-d6  
Concen: 30.078 ng  
RT: 7.293 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: BP013568.D  
Acq: 24 Jan 2023 13:25

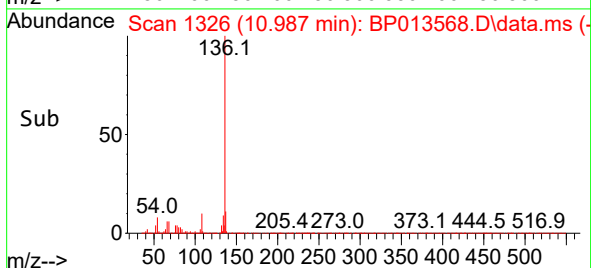
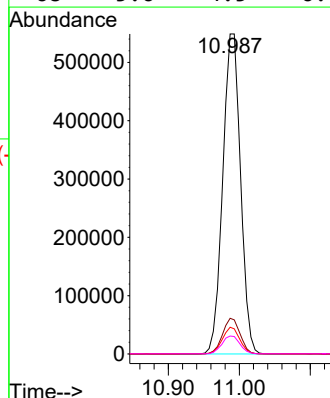
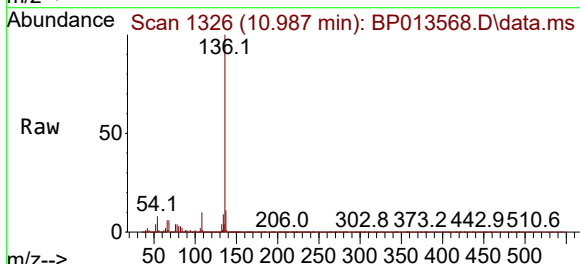
Instrument :  
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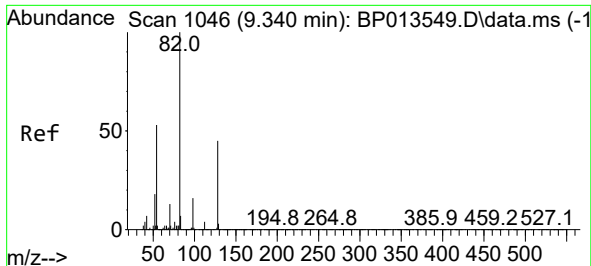
Tgt Ion: 99 Resp: 578921  
Ion Ratio Lower Upper  
99 100  
42 17.5 14.0 21.0  
71 31.3 24.7 37.1



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.987 min Scan# 1326  
Delta R.T. -0.006 min  
Lab File: BP013568.D  
Acq: 24 Jan 2023 13:25

Tgt Ion:136 Resp: 951944  
Ion Ratio Lower Upper  
136 100  
137 11.1 9.0 13.4  
54 8.4 6.6 9.8  
68 5.6 4.5 6.7

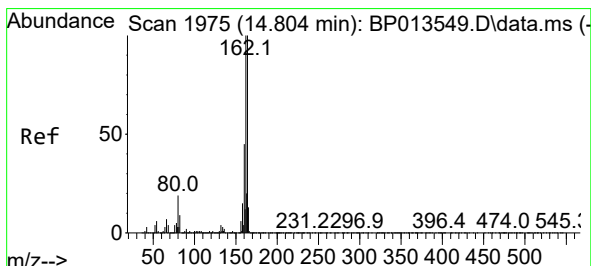
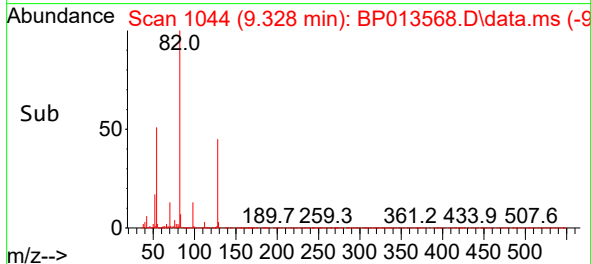
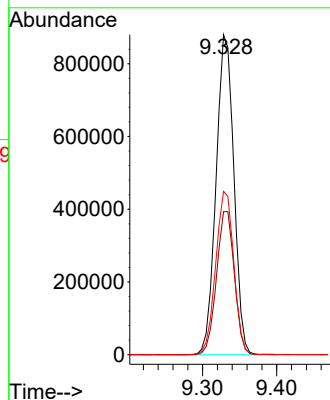
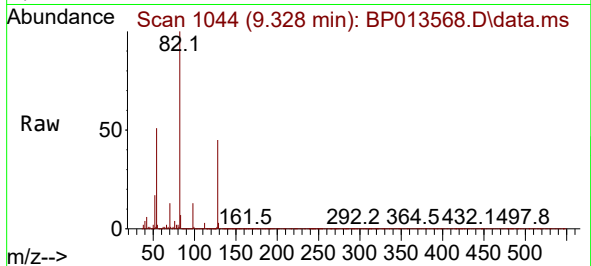




#23  
Nitrobenzene-d5  
Concen: 101.670 ng  
RT: 9.328 min Scan# 1046  
Delta R.T. -0.006 min  
Lab File: BP013568.D  
Acq: 24 Jan 2023 13:25

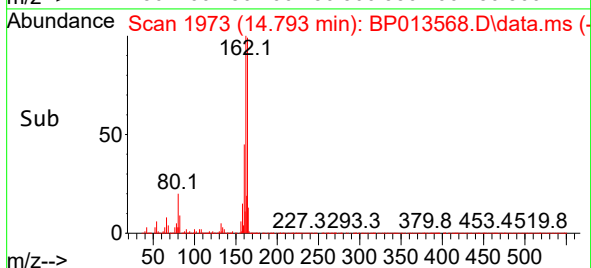
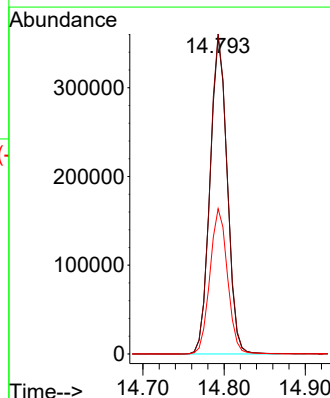
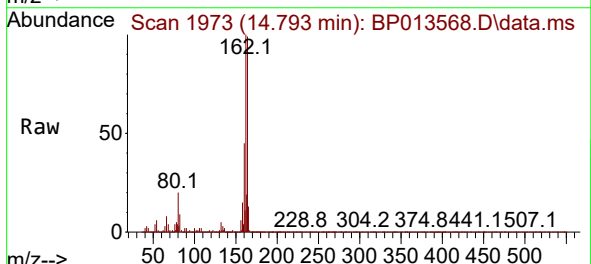
Instrument :  
BNA\_P  
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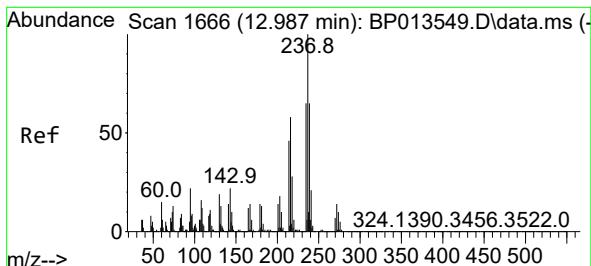
Tgt Ion: 82 Resp: 1466051  
Ion Ratio Lower Upper  
82 100  
128 44.7 35.8 53.6  
54 51.1 42.6 64.0



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.793 min Scan# 1973  
Delta R.T. -0.006 min  
Lab File: BP013568.D  
Acq: 24 Jan 2023 13:25

Tgt Ion:164 Resp: 524932  
Ion Ratio Lower Upper  
164 100  
162 100.9 80.1 120.1  
160 45.8 35.9 53.9

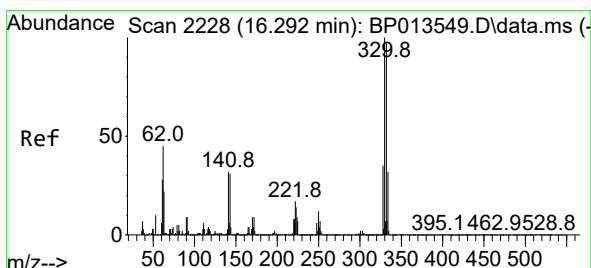
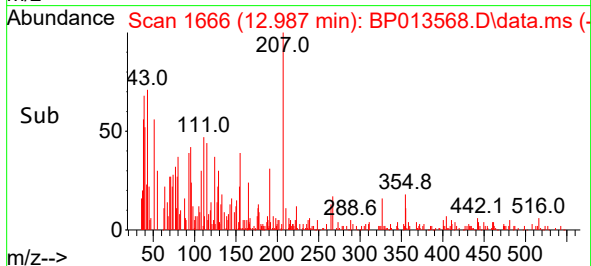
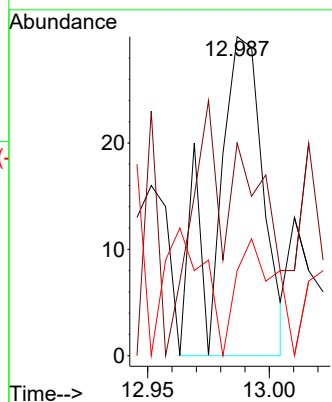
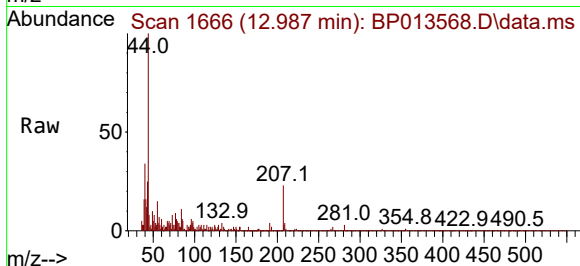




#41  
Hexachlorocyclopentadiene  
Concen: 3.908 ng  
RT: 12.987 min Scan# 1666  
Delta R.T. 0.006 min  
Lab File: BP013568.D  
Acq: 24 Jan 2023 13:25

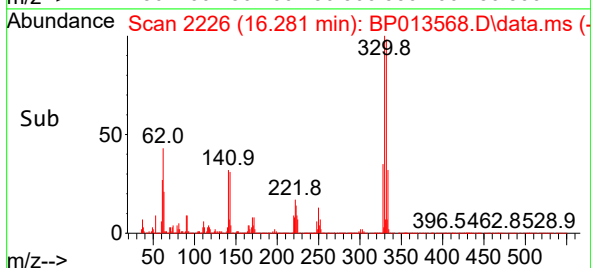
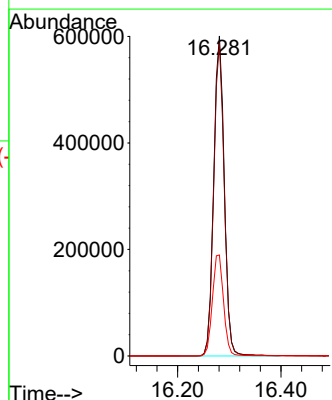
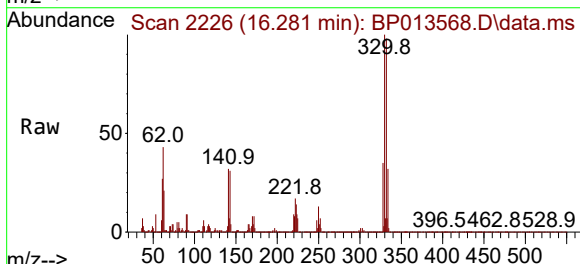
Instrument :  
BNA\_P  
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TJRC-011823-GW

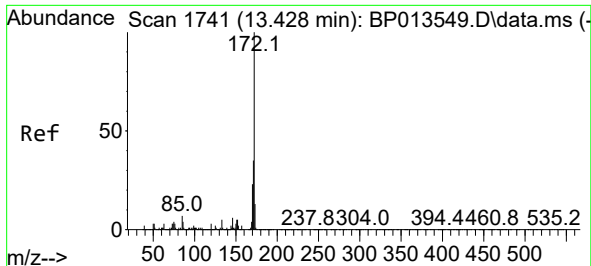
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 237   | Resp: | 41    |
| Ion      | Ratio | Lower | Upper |
| 237      | 100   |       |       |
| 235      | 66.7  | 44.6  | 84.6  |
| 272      | 26.7  | 0.0   | 33.9  |



#42  
2,4,6-Tribromophenol  
Concen: 162.528 ng  
RT: 16.281 min Scan# 2226  
Delta R.T. -0.006 min  
Lab File: BP013568.D  
Acq: 24 Jan 2023 13:25

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 330   | Resp: | 855761 |
| Ion      | Ratio | Lower | Upper  |
| 330      | 100   |       |        |
| 332      | 96.8  | 77.4  | 116.2  |
| 141      | 33.4  | 27.6  | 41.4   |





#45

2-Fluorobiphenyl

Concen: 91.861 ng

RT: 13.422 min Scan# 11

Delta R.T. -0.006 min

Lab File: BP013568.D

Acq: 24 Jan 2023 13:25

Instrument :

BNA\_P

ClientSampleId :

TJRC-011823-GW

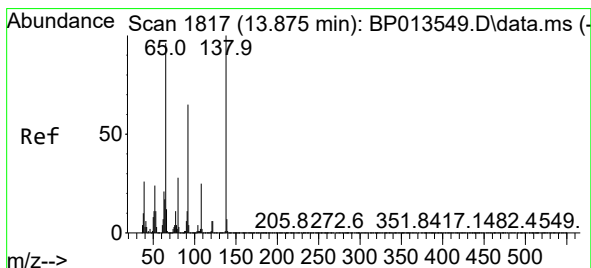
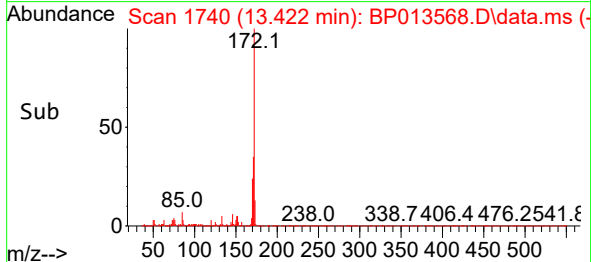
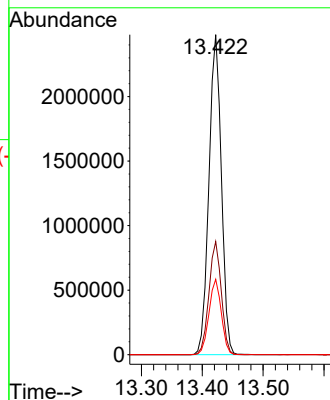
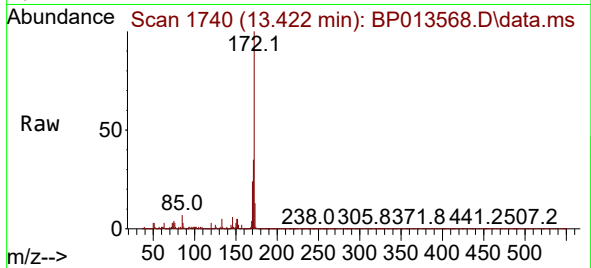
Tgt Ion:172 Resp: 3512954

Ion Ratio Lower Upper

172 100

171 35.4 27.8 41.8

170 23.5 18.6 27.8



#48

2-Nitroaniline

Concen: 6.246 ng

RT: 13.857 min Scan# 1814

Delta R.T. -0.018 min

Lab File: BP013568.D

Acq: 24 Jan 2023 13:25

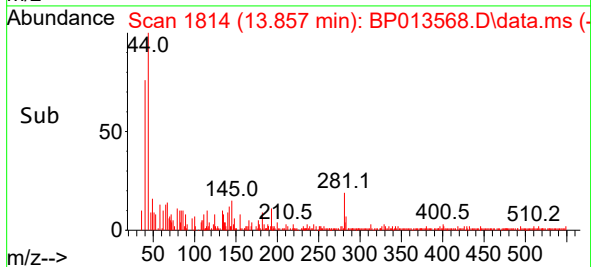
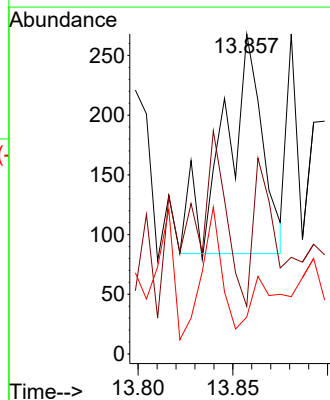
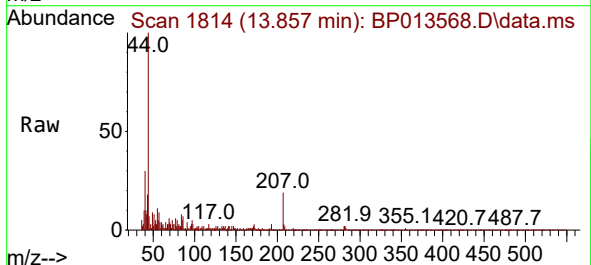
Tgt Ion: 65 Resp: 257

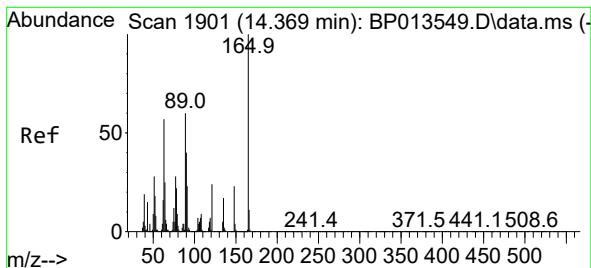
Ion Ratio Lower Upper

65 100

92 14.9 54.1 81.1#

138 11.6 83.6 125.4#





#51

2,6-Dinitrotoluene

Concen: 5.176 ng

RT: 14.381 min Scan# 1901

Delta R.T. 0.018 min

Lab File: BP013568.D

Acq: 24 Jan 2023 13:25

Instrument :

BNA\_P

ClientSampleId :

TJRC-011823-GW

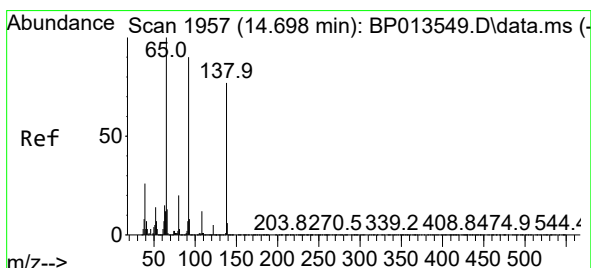
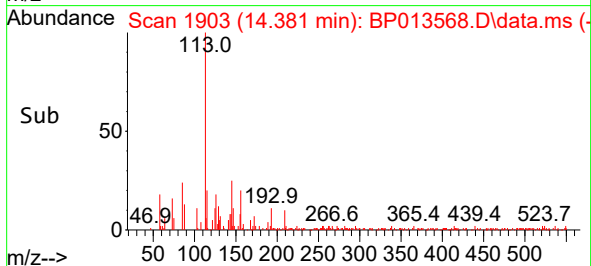
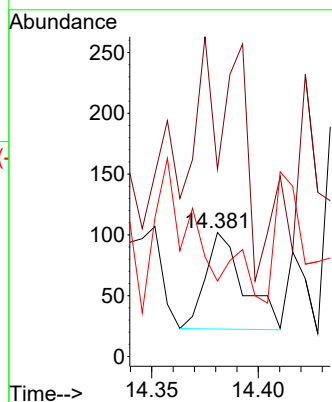
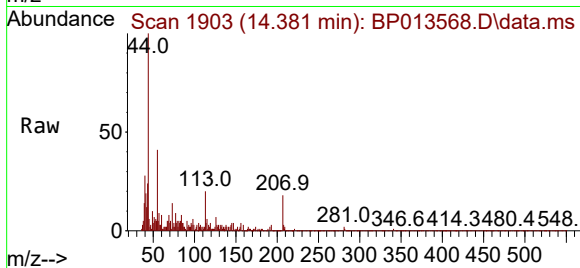
Tgt Ion:165 Resp: 100

Ion Ratio Lower Upper

165 100

63 151.0 47.2 70.8#

89 60.8 47.8 71.6



#53

3-Nitroaniline

Concen: 5.430 ng

RT: 14.698 min Scan# 1957

Delta R.T. 0.006 min

Lab File: BP013568.D

Acq: 24 Jan 2023 13:25

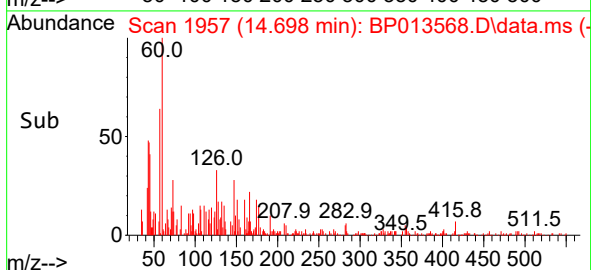
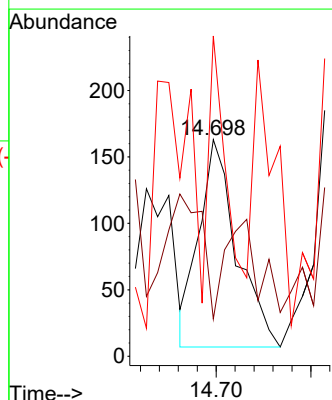
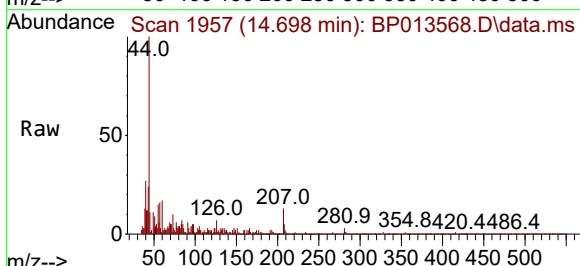
Tgt Ion:138 Resp: 215

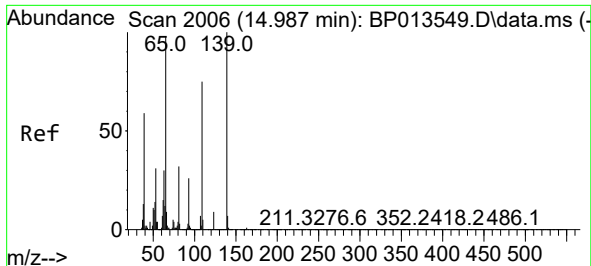
Ion Ratio Lower Upper

138 100

108 57.7 12.8 19.2#

92 147.9 93.3 139.9#

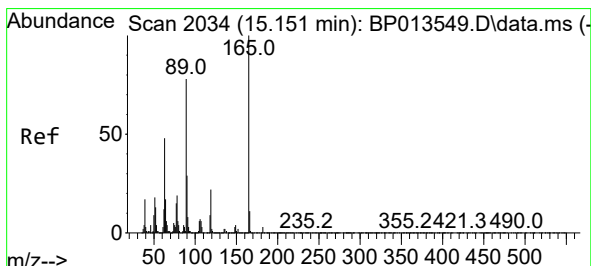
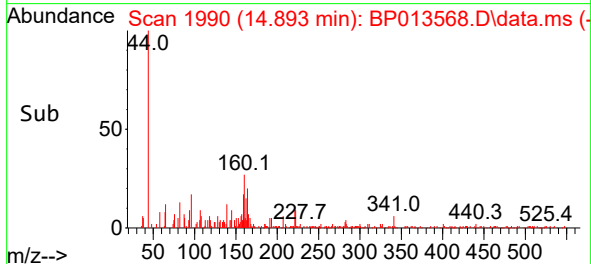
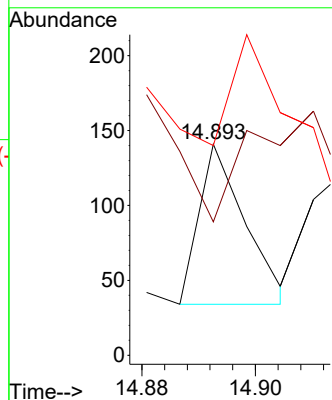
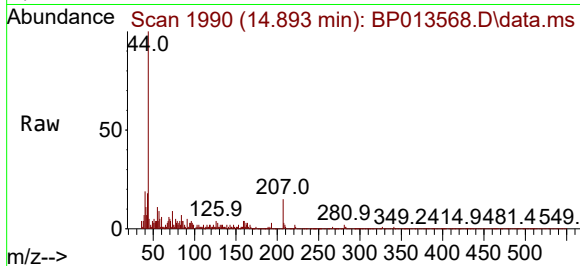




#56  
4-Nitrophenol  
Concen: 5.200 ng  
RT: 14.893 min Scan# 1990  
Delta R.T. -0.088 min  
Lab File: BP013568.D  
Acq: 24 Jan 2023 13:25

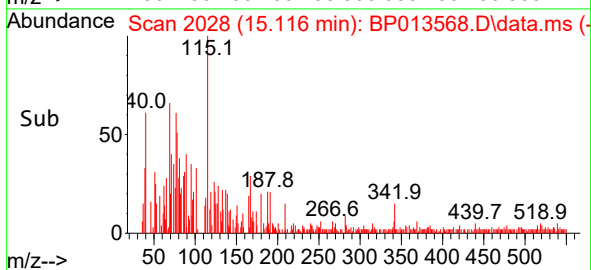
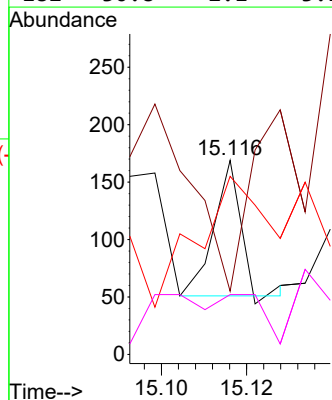
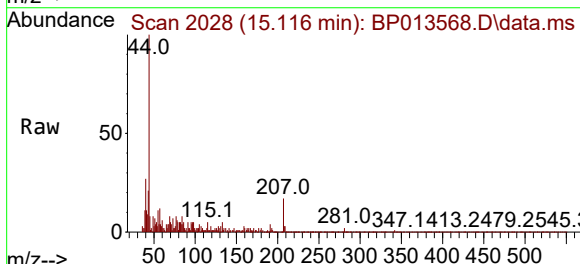
Instrument :  
BNA\_P  
ClientSampleId :  
TJRC-011823-GW

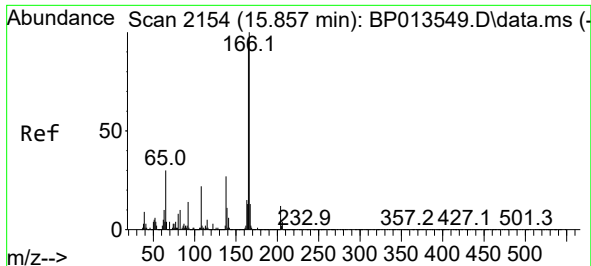
Tgt Ion:139 Resp: 60  
Ion Ratio Lower Upper  
139 100  
109 63.1 55.0 95.0  
65 99.3 77.7 117.7



#57  
2,4-Dinitrotoluene  
Concen: 5.199 ng  
RT: 15.116 min Scan# 2028  
Delta R.T. -0.029 min  
Lab File: BP013568.D  
Acq: 24 Jan 2023 13:25

Tgt Ion:165 Resp: 52  
Ion Ratio Lower Upper  
165 100  
63 32.5 38.3 57.5#  
89 98.2 62.1 93.1#  
182 30.8 2.1 3.1#

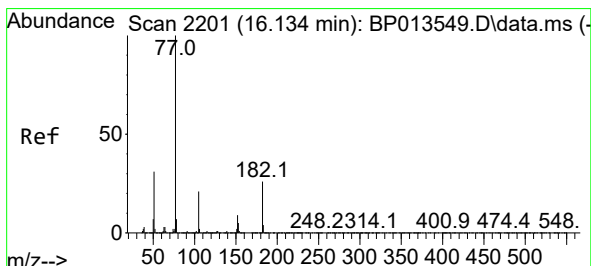
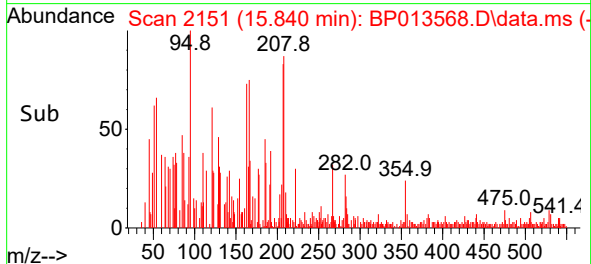
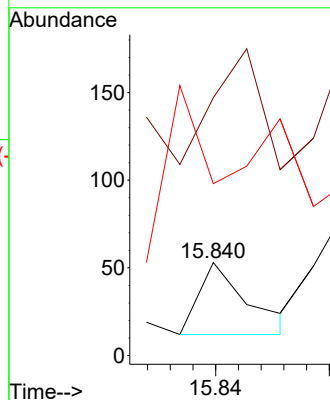
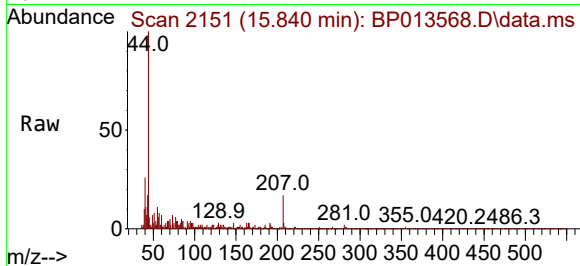




#62  
4-Nitroaniline  
Concen: 3.666 ng  
RT: 15.840 min Scan# 2154  
Delta R.T. -0.018 min  
Lab File: BP013568.D  
Acq: 24 Jan 2023 13:25

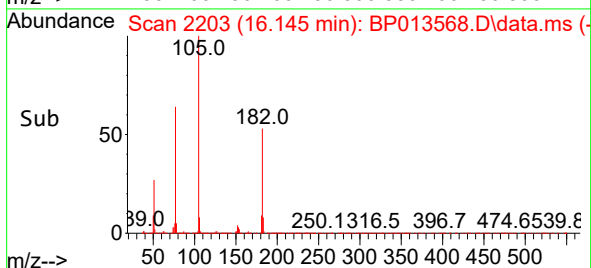
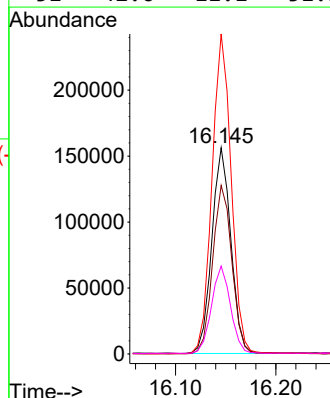
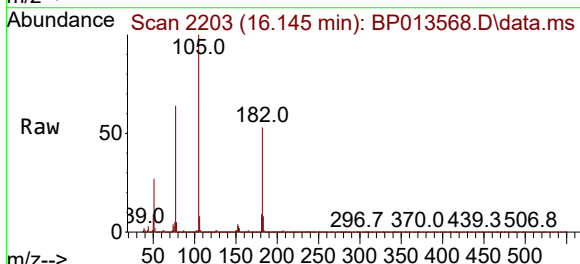
Instrument :  
BNA\_P  
ClientSampleId :  
TJRC-011823-GW

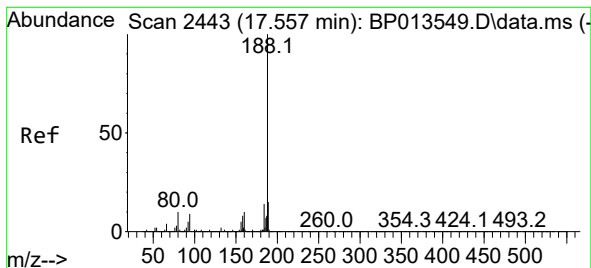
Tgt Ion:138 Resp: 25  
Ion Ratio Lower Upper  
138 100  
92 277.4 32.3 72.3#  
108 184.9 59.2 99.2#



#63  
Azobenzene  
Concen: 5.567 ng  
RT: 16.145 min Scan# 2203  
Delta R.T. 0.018 min  
Lab File: BP013568.D  
Acq: 24 Jan 2023 13:25

Tgt Ion: 77 Resp: 206167  
Ion Ratio Lower Upper  
77 100  
182 81.6 5.5 45.5#  
105 155.1 1.4 41.4#  
51 42.6 11.1 51.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.545 min Scan# 2443

Delta R.T. -0.006 min

Lab File: BP013568.D

Acq: 24 Jan 2023 13:25

Instrument :

BNA\_P

ClientSampleId :

TJRC-011823-GW

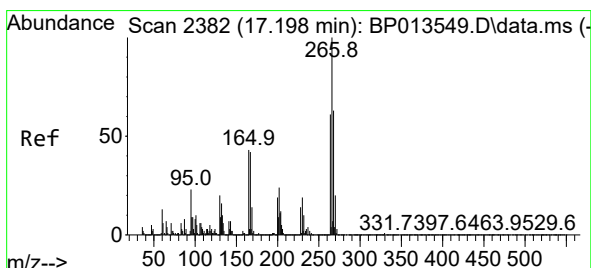
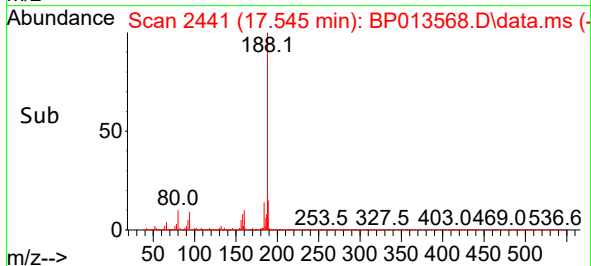
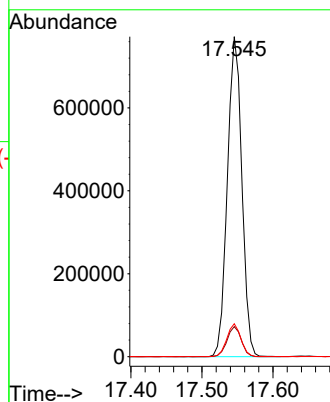
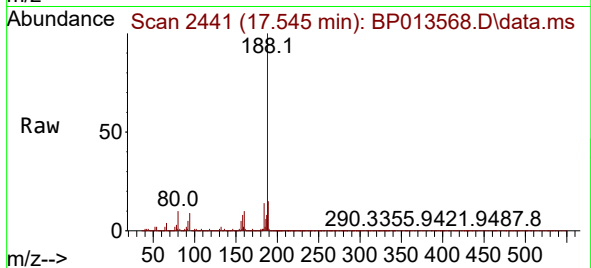
Tgt Ion:188 Resp: 1089909

Ion Ratio Lower Upper

188 100

94 9.4 7.2 10.8

80 10.3 8.2 12.2



#70

Pentachlorophenol

Concen: 5.330 ng

RT: 17.222 min Scan# 2386

Delta R.T. 0.029 min

Lab File: BP013568.D

Acq: 24 Jan 2023 13:25

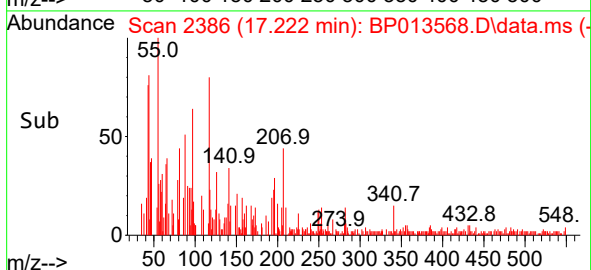
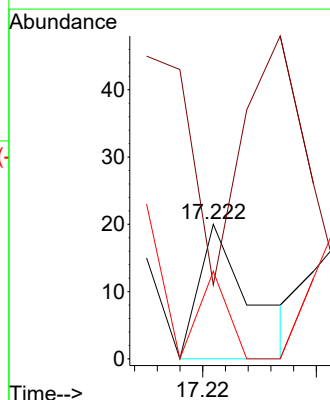
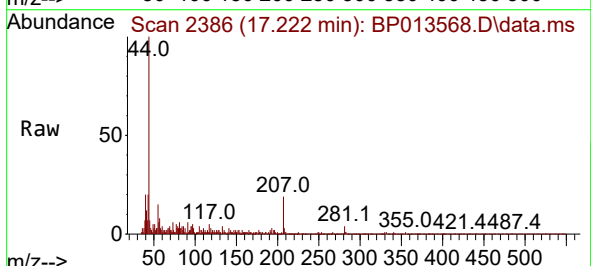
Tgt Ion:266 Resp: 13

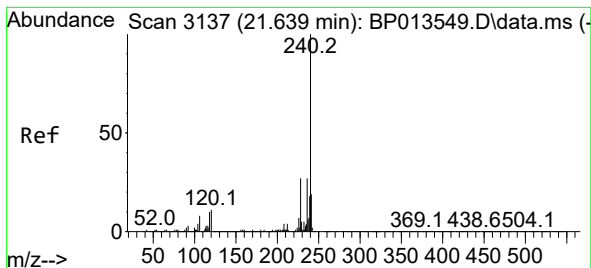
Ion Ratio Lower Upper

266 100

268 55.0 50.7 76.1

264 65.0 48.9 73.3





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.622 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP013568.D

Acq: 24 Jan 2023 13:25

Instrument :

BNA\_P

ClientSampleId :

TJRC-011823-GW

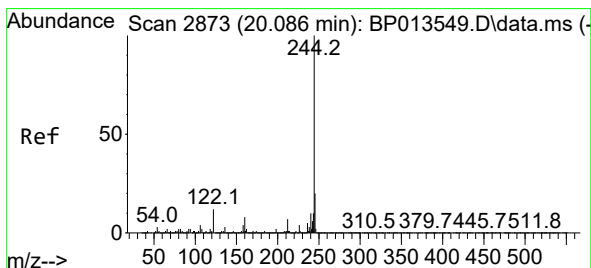
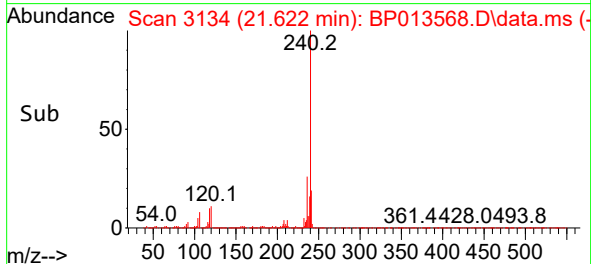
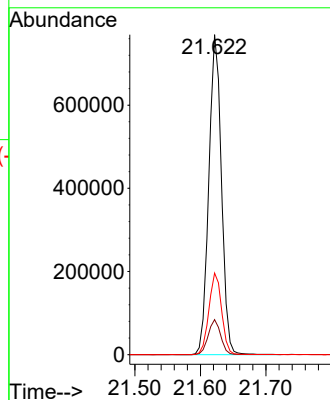
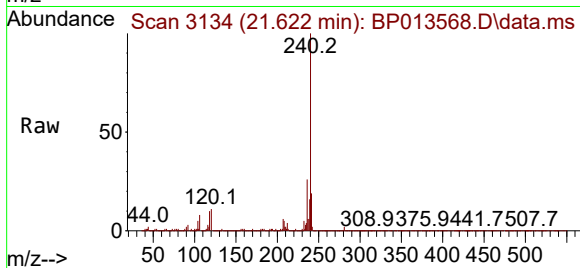
Tgt Ion:240 Resp: 1029881

Ion Ratio Lower Upper

240 100

120 10.9 8.6 13.0

236 25.5 21.3 31.9



#79

Terphenyl-d14

Concen: 88.546 ng

RT: 20.075 min Scan# 2871

Delta R.T. -0.006 min

Lab File: BP013568.D

Acq: 24 Jan 2023 13:25

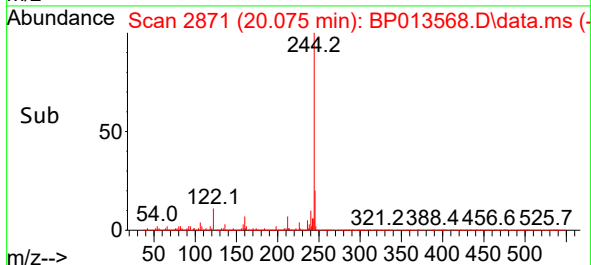
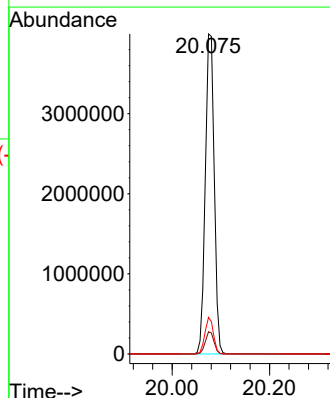
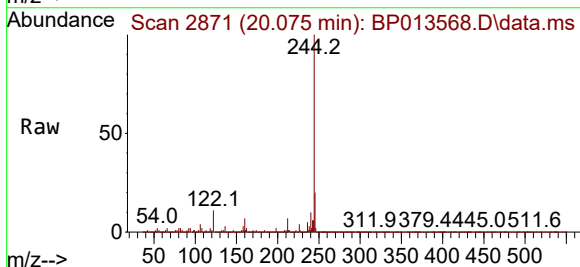
Tgt Ion:244 Resp: 5069026

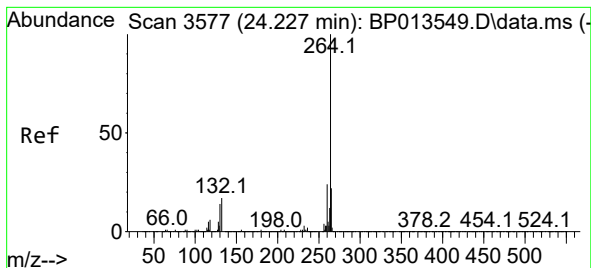
Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.2

122 11.5 9.2 13.8





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.210 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP013568.D

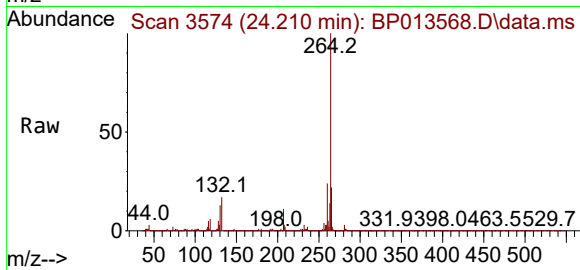
Acq: 24 Jan 2023 13:25

Instrument :

BNA\_P

ClientSampleId :

TJRC-011823-GW



Tgt Ion:264 Resp: 1203216

Ion Ratio Lower Upper

264 100

260 24.1 18.8 28.2

265 21.8 17.4 26.2

