

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP053024\  
 Data File : BP020481.D  
 Acq On : 30 May 2024 10:43  
 Operator : MA/JU  
 Sample : PB160503BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB160503BL

Quant Time: May 30 11:14:31 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP052924.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu May 30 03:41:03 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.769  | 152  | 360953   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.540 | 136  | 1330992  | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.386 | 164  | 722944   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.192 | 188  | 1360768  | 20.000  | ng    | -0.01    |
| 76) Chrysene-d12            | 21.651 | 240  | 1347165  | 20.000  | ng    | -0.02    |
| 86) Perylene-d12            | 25.015 | 264  | 1701622  | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.381  | 112  | 2646912  | 131.296 | ng    | 0.00     |
| 7) Phenol-d6                | 6.940  | 99   | 3282147  | 115.445 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 8.916  | 82   | 2091194  | 86.005  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 15.904 | 330  | 870166   | 115.979 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.004 | 172  | 4381640  | 90.350  | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.927 | 244  | 5529722  | 68.332  | ng    | -0.02    |

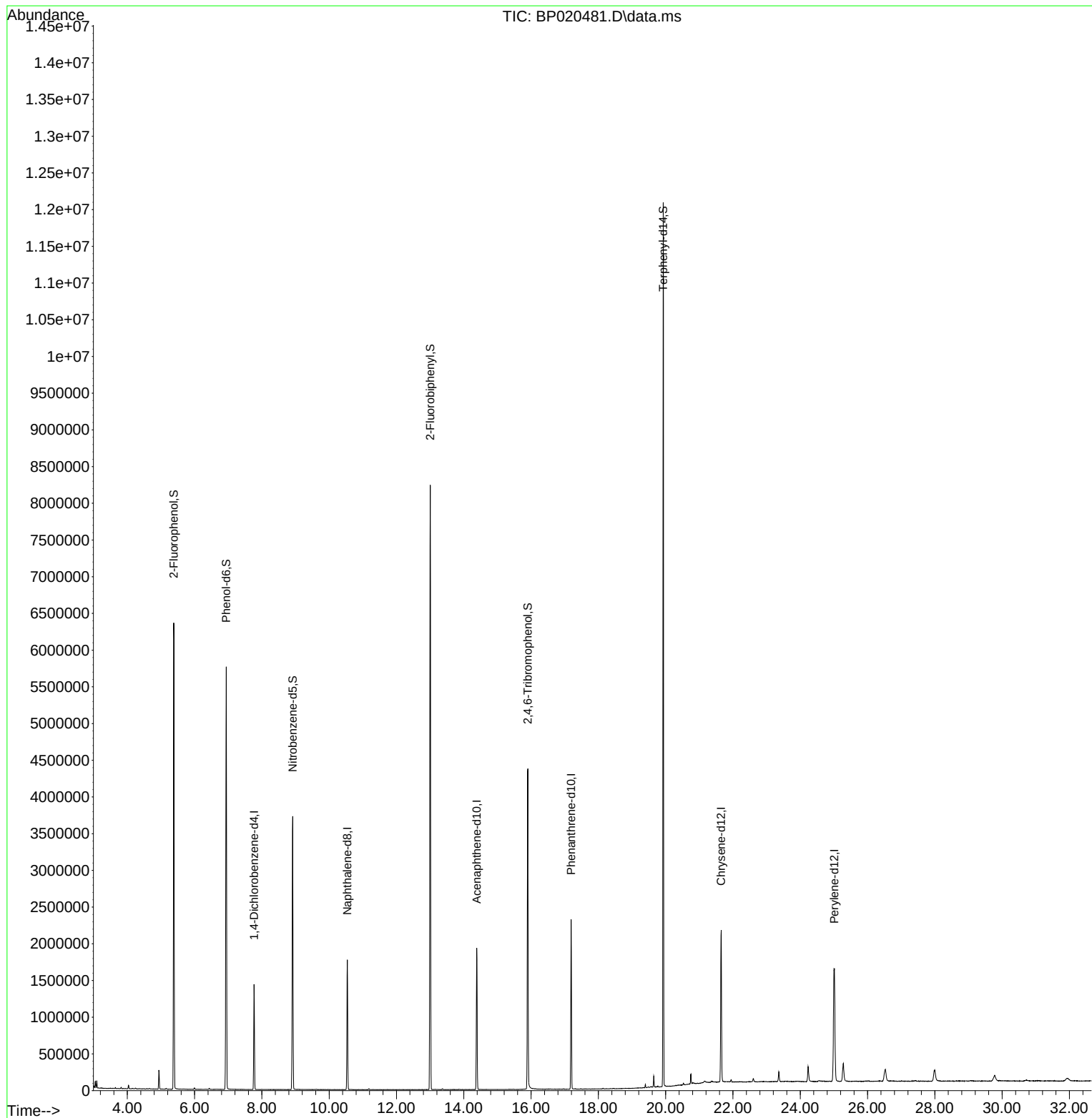
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

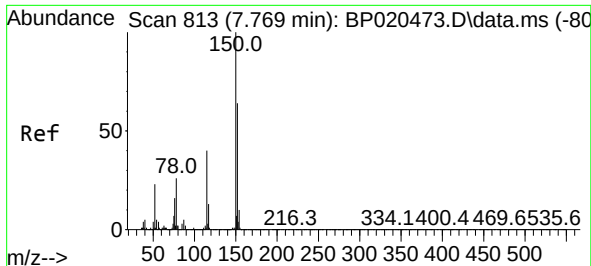
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP053024\  
Data File : BP020481.D  
Acq On : 30 May 2024 10:43  
Operator : MA/JU  
Sample : PB160503BL  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
PB160503BL

Quant Time: May 30 11:14:31 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP052924.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu May 30 03:41:03 2024  
Response via : Initial Calibration

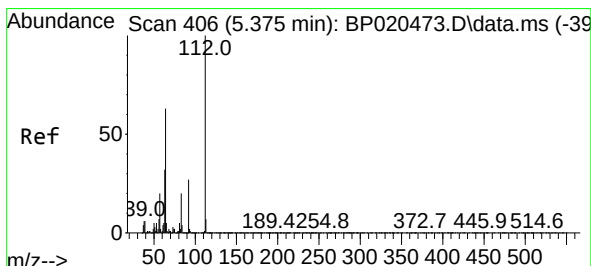
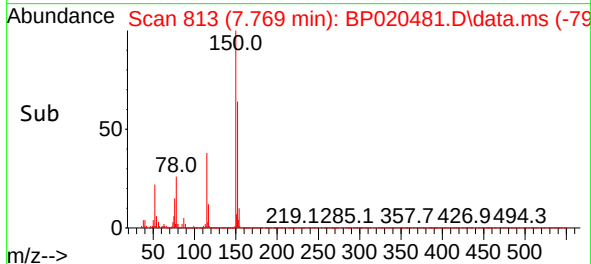
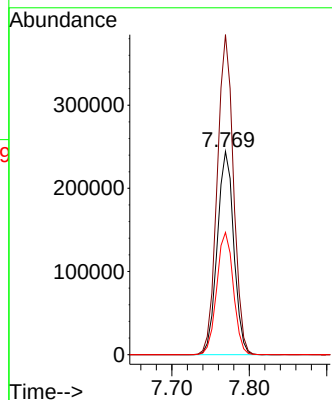
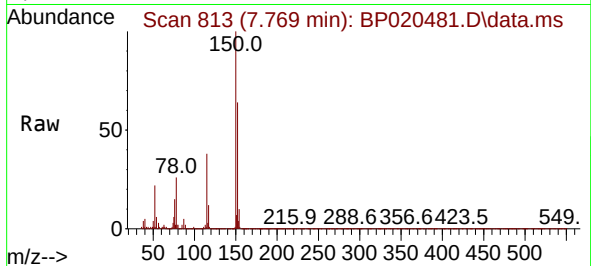




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.769 min Scan# 813  
Delta R.T. 0.000 min  
Lab File: BP020481.D  
Acq: 30 May 2024 10:43

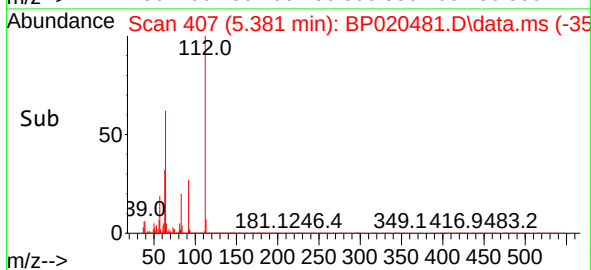
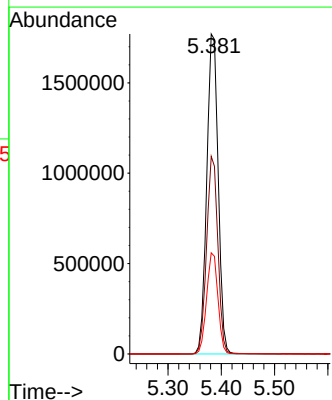
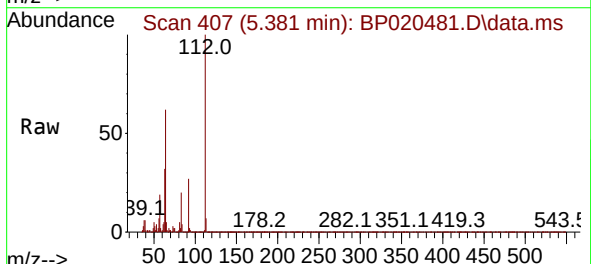
Instrument :  
BNA\_P  
ClientSampleId :  
PB160503BL

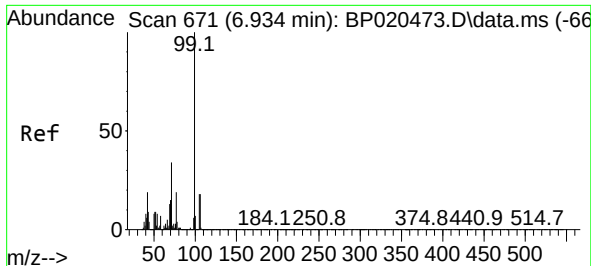
Tgt Ion:152 Resp: 360953  
Ion Ratio Lower Upper  
152 100  
150 157.4 124.2 186.2  
115 60.1 49.5 74.3



#5  
2-Fluorophenol  
Concen: 131.296 ng  
RT: 5.381 min Scan# 407  
Delta R.T. 0.006 min  
Lab File: BP020481.D  
Acq: 30 May 2024 10:43

Tgt Ion:112 Resp: 2646912  
Ion Ratio Lower Upper  
112 100  
64 61.7 50.1 75.1  
63 31.6 25.7 38.5

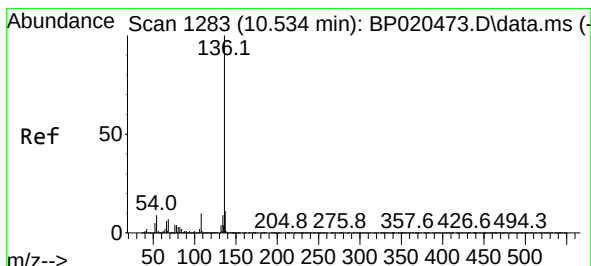
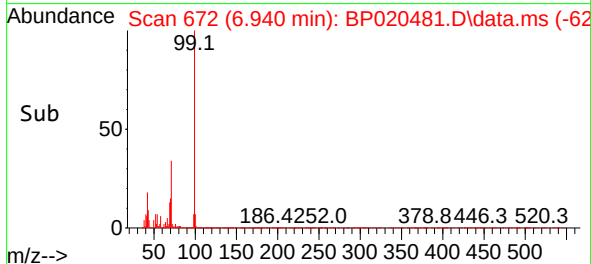
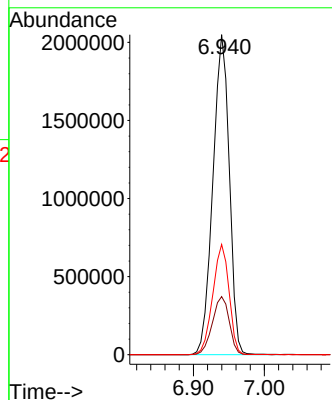
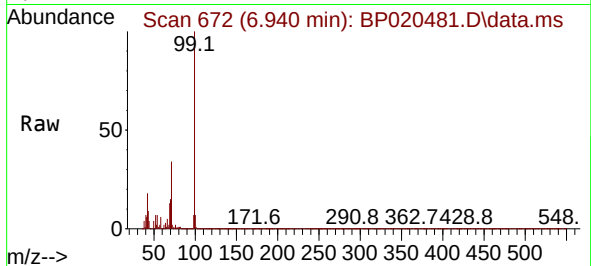




#7  
Phenol-d6  
Concen: 115.445 ng  
RT: 6.940 min Scan# 61  
Delta R.T. 0.006 min  
Lab File: BP020481.D  
Acq: 30 May 2024 10:43

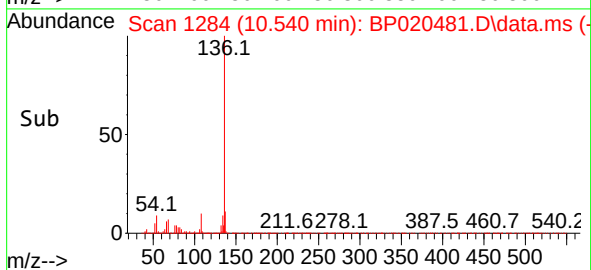
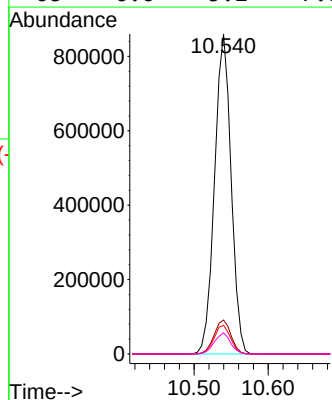
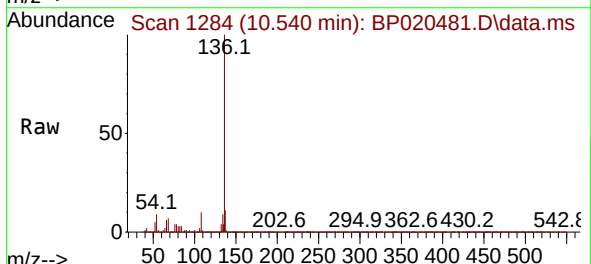
Instrument :  
BNA\_P  
ClientSampleId :  
PB160503BL

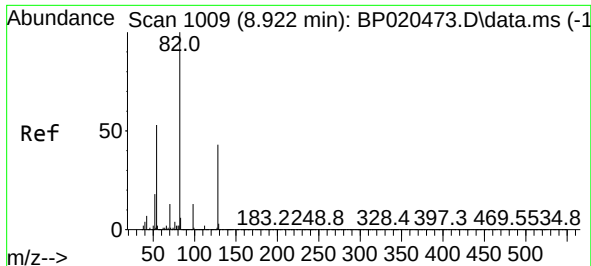
Tgt Ion: 99 Resp: 3282147  
Ion Ratio Lower Upper  
99 100  
42 18.2 15.0 22.4  
71 34.5 27.3 40.9



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.540 min Scan# 1284  
Delta R.T. 0.006 min  
Lab File: BP020481.D  
Acq: 30 May 2024 10:43

Tgt Ion:136 Resp: 1330992  
Ion Ratio Lower Upper  
136 100  
137 10.6 9.0 13.4  
54 9.0 7.4 11.0  
68 6.6 5.2 7.8

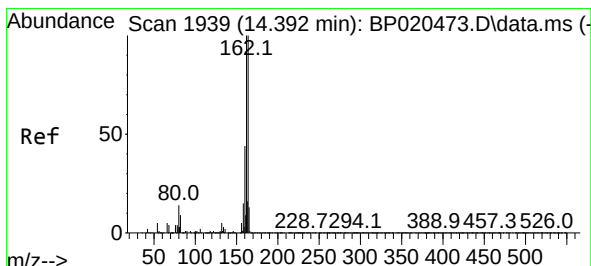
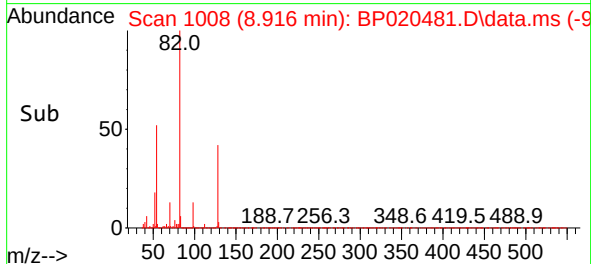
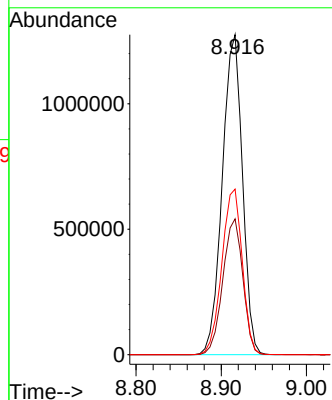
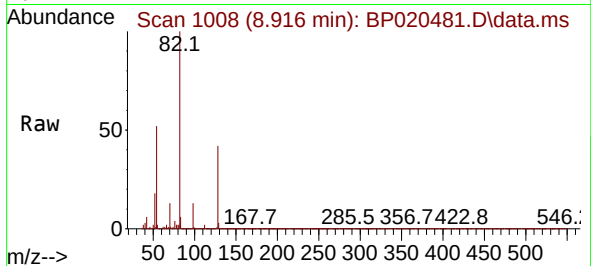




#23  
Nitrobenzene-d5  
Concen: 86.005 ng  
RT: 8.916 min Scan# 1008  
Delta R.T. -0.006 min  
Lab File: BP020481.D  
Acq: 30 May 2024 10:43

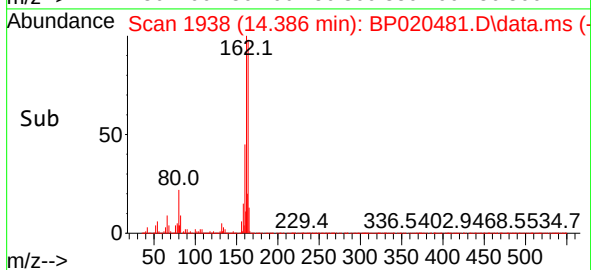
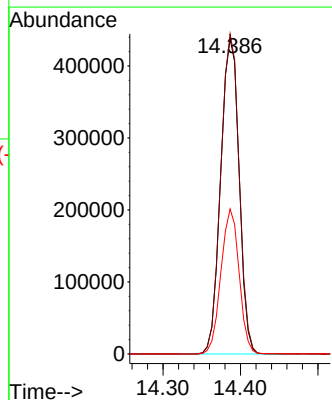
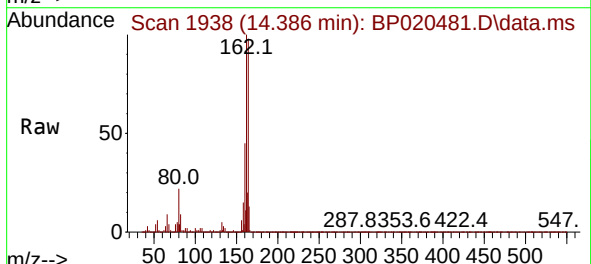
Instrument :  
BNA\_P  
ClientSampleId :  
PB160503BL

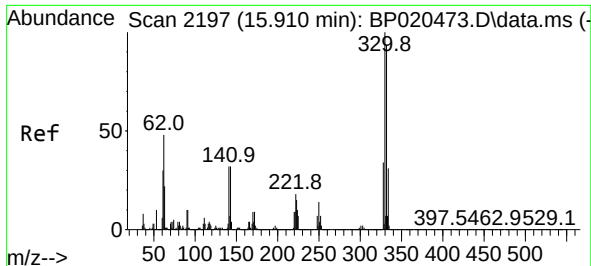
Tgt Ion: 82 Resp: 2091194  
Ion Ratio Lower Upper  
82 100  
128 42.4 34.2 51.4  
54 51.8 42.7 64.1



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.386 min Scan# 1938  
Delta R.T. -0.006 min  
Lab File: BP020481.D  
Acq: 30 May 2024 10:43

Tgt Ion:164 Resp: 722944  
Ion Ratio Lower Upper  
164 100  
162 101.6 80.3 120.5  
160 46.0 35.4 53.2

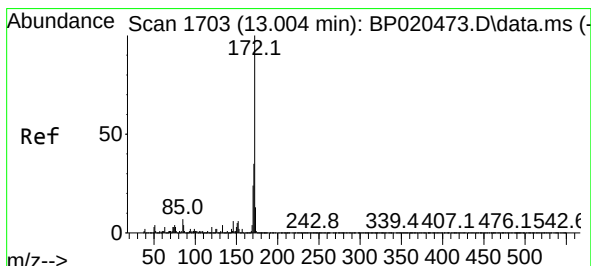
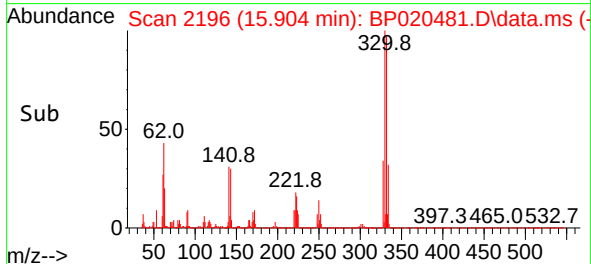
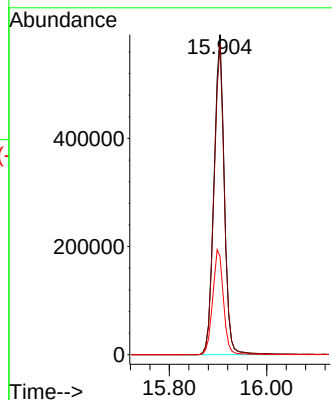
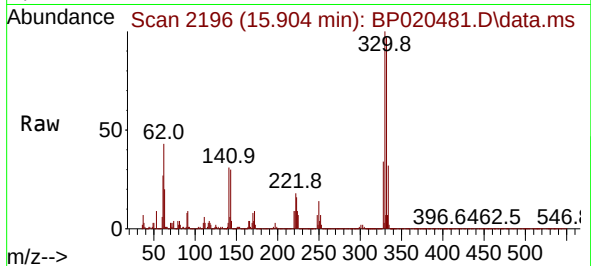




#42  
2,4,6-Tribromophenol  
Concen: 115.979 ng  
RT: 15.904 min Scan# 2197  
Delta R.T. -0.006 min  
Lab File: BP020481.D  
Acq: 30 May 2024 10:43

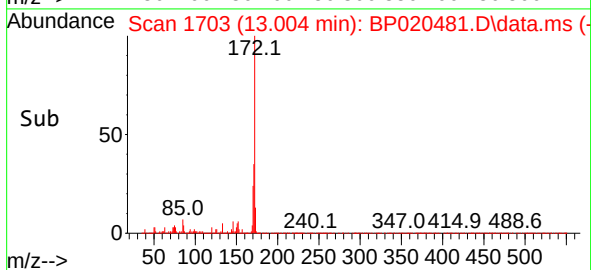
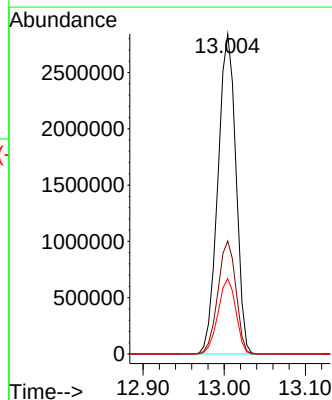
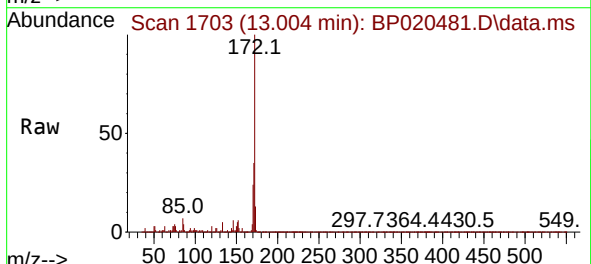
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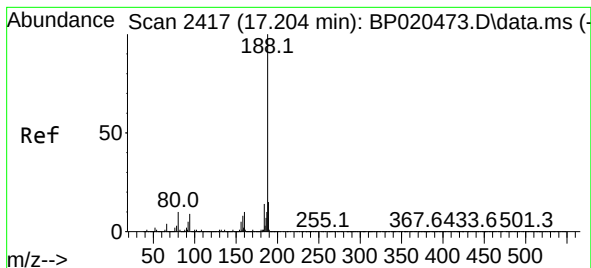
Tgt Ion:330 Resp: 870166  
Ion Ratio Lower Upper  
330 100  
332 96.9 76.6 114.8  
141 34.2 27.1 40.7



#45  
2-Fluorobiphenyl  
Concen: 90.350 ng  
RT: 13.004 min Scan# 1703  
Delta R.T. -0.000 min  
Lab File: BP020481.D  
Acq: 30 May 2024 10:43

Tgt Ion:172 Resp: 4381640  
Ion Ratio Lower Upper  
172 100  
171 35.3 28.4 42.6  
170 23.5 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.192 min Scan# 2417

Delta R.T. -0.012 min

Lab File: BP020481.D

Acq: 30 May 2024 10:43

Instrument :

BNA\_P

ClientSampleId :

PB160503BL

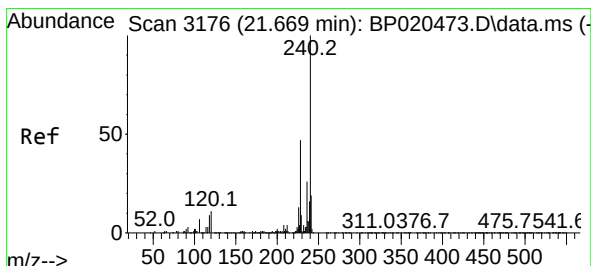
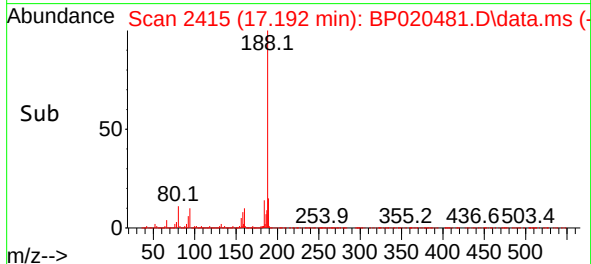
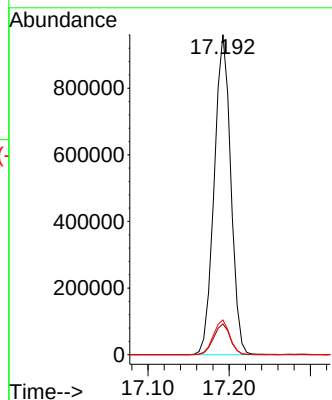
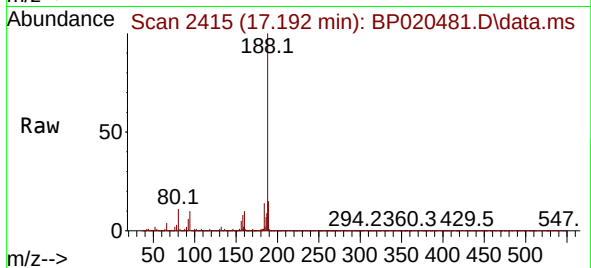
Tgt Ion:188 Resp: 1360768

Ion Ratio Lower Upper

188 100

94 9.6 7.2 10.8

80 10.8 8.1 12.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.651 min Scan# 3173

Delta R.T. -0.018 min

Lab File: BP020481.D

Acq: 30 May 2024 10:43

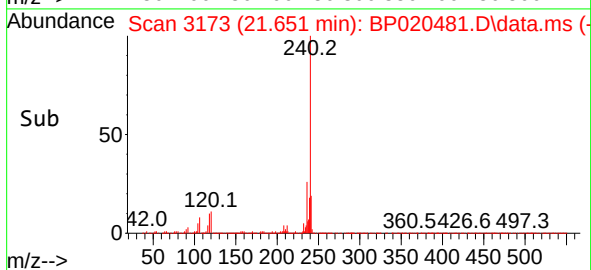
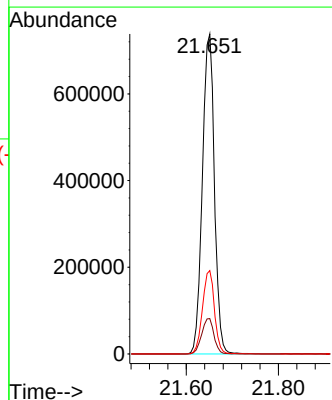
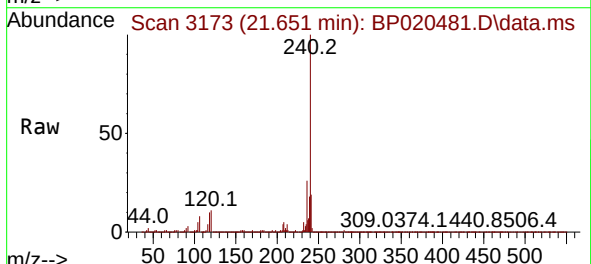
Tgt Ion:240 Resp: 1347165

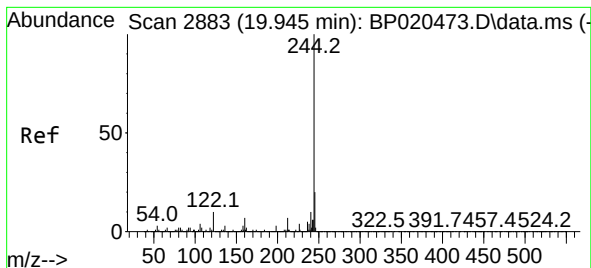
Ion Ratio Lower Upper

240 100

120 11.0 8.5 12.7

236 26.1 20.5 30.7





#79

Terphenyl-d14

Concen: 68.332 ng

RT: 19.927 min Scan# 21

Delta R.T. -0.018 min

Lab File: BP020481.D

Acq: 30 May 2024 10:43

Instrument :

BNA\_P

ClientSampleId :

PB160503BL

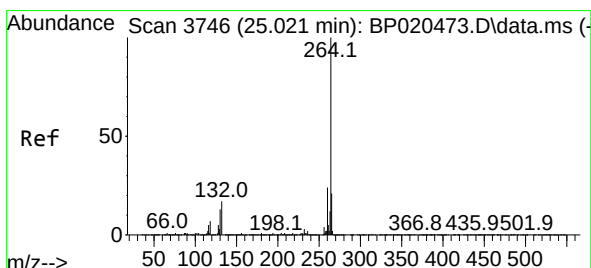
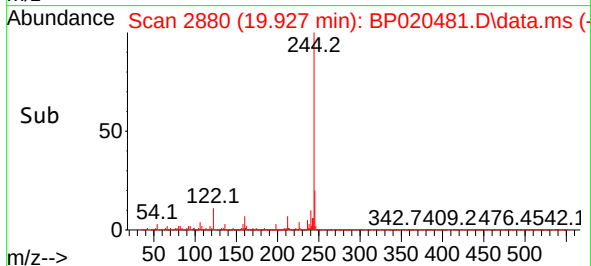
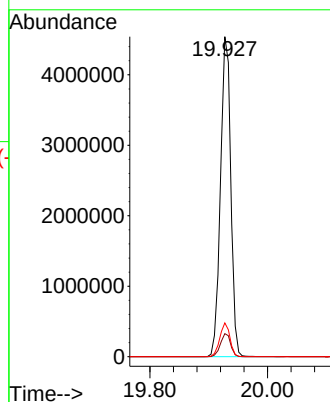
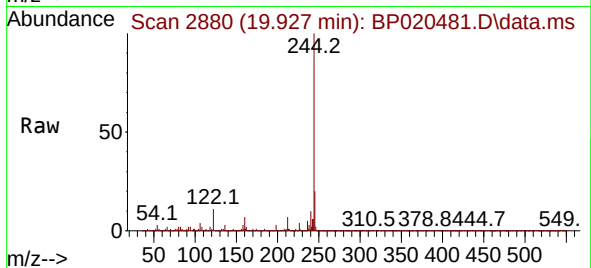
Tgt Ion:244 Resp: 5529722

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

122 10.6 8.2 12.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.015 min Scan# 3745

Delta R.T. -0.006 min

Lab File: BP020481.D

Acq: 30 May 2024 10:43

Tgt Ion:264 Resp: 1701622

Ion Ratio Lower Upper

264 100

260 24.1 18.9 28.3

265 21.2 17.4 26.0

