

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP052024\  
 Data File : BP020434.D  
 Acq On : 20 May 2024 21:16  
 Operator : MA/JU  
 Sample : PB160983BL  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB160983BL

Quant Time: May 21 02:13:26 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP052024.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue May 21 01:48:44 2024  
 Response via : Initial Calibration

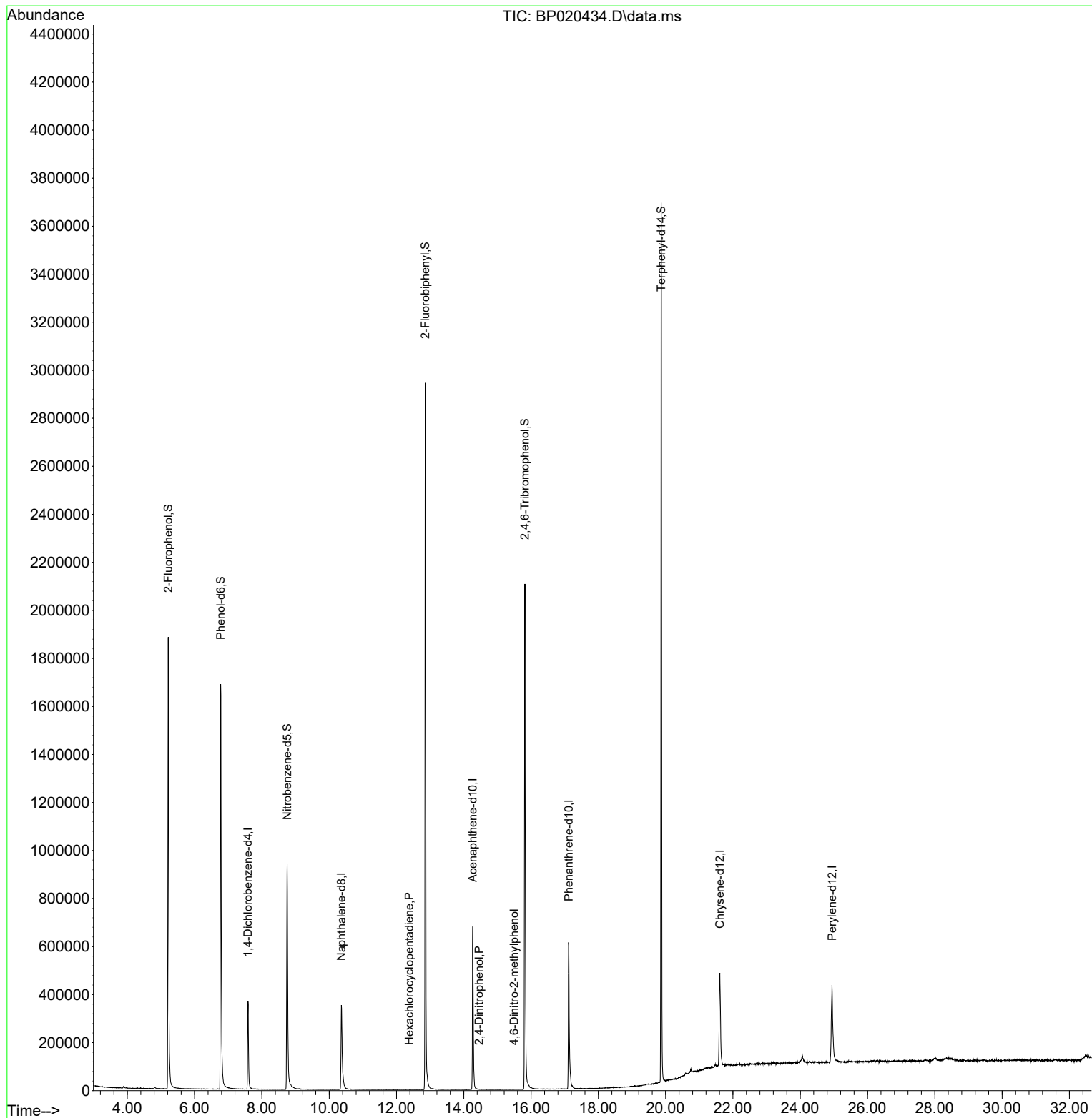
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.587  | 152  | 109215   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.363 | 136  | 422863   | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 14.269 | 164  | 280567   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.122 | 188  | 542967   | 20.000  | ng    | 0.02     |
| 76) Chrysene-d12              | 21.610 | 240  | 379057   | 20.000  | ng    | 0.01     |
| 86) Perylene-d12              | 24.945 | 264  | 400697   | 20.000  | ng    | 0.02     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.216  | 112  | 853942   | 144.448 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.775  | 99   | 1093412  | 132.528 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 8.751  | 82   | 707902   | 80.547  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.816 | 330  | 456683   | 125.394 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 12.857 | 172  | 1641605  | 82.498  | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.868 | 244  | 2052961  | 96.861  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
| 41) Hexachlorocyclopentadiene | 12.381 | 237  | 8        | 5.034   | ng    | # 75     |
| 54) 2,4-Dinitrophenol         | 14.457 | 184  | 9        | 3.713   | ng    | # 18     |
| 65) 4,6-Dinitro-2-methylph... | 15.498 | 198  | 4        | 4.381   | ng    | # 1      |
| -----                         |        |      |          |         |       |          |

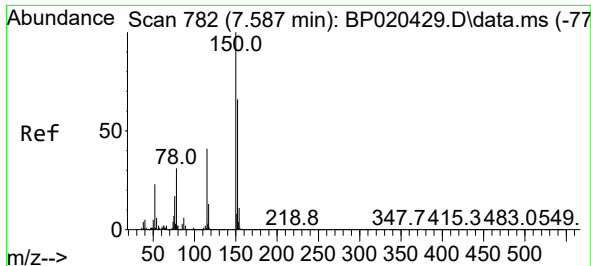
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP052024\  
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ALS Vial : 12 Sample Multiplier: 1

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BNA\_P  
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP052024.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue May 21 01:48:44 2024  
Response via : Initial Calibration

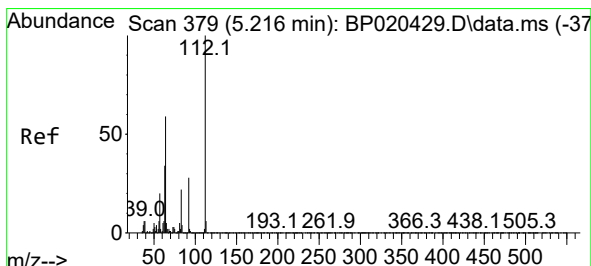
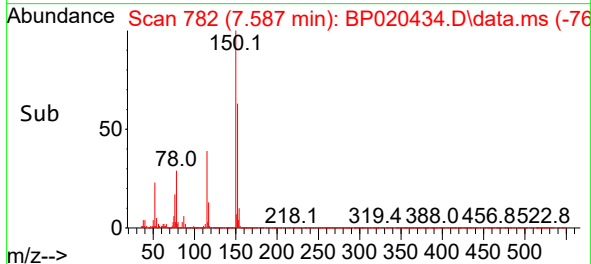
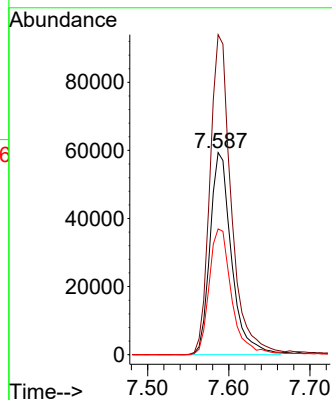
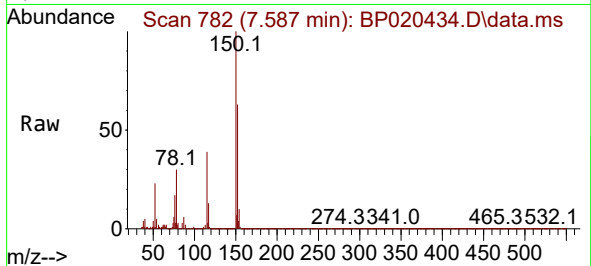




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.587 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: BP020434.D  
Acq: 20 May 2024 21:16

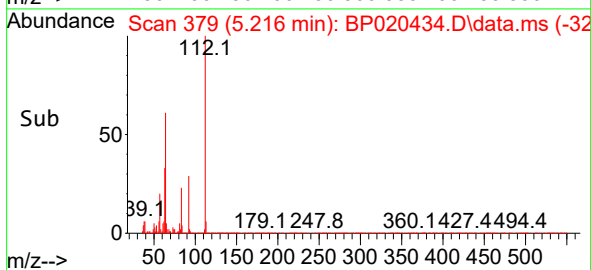
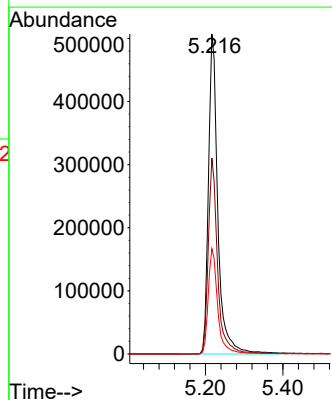
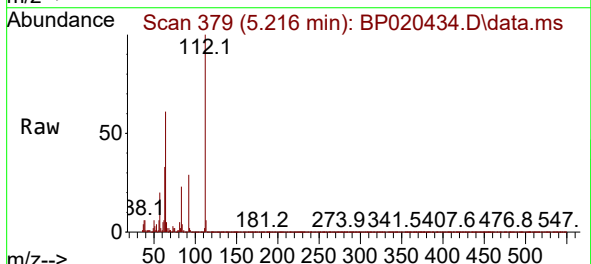
Instrument :  
BNA\_P  
ClientSampleId :  
PB160983BL

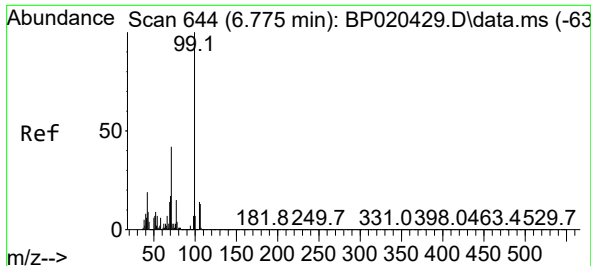
Tgt Ion:152 Resp: 109215  
Ion Ratio Lower Upper  
152 100  
150 158.3 122.2 183.2  
115 62.2 49.8 74.8



#5  
2-Fluorophenol  
Concen: 144.448 ng  
RT: 5.216 min Scan# 379  
Delta R.T. 0.000 min  
Lab File: BP020434.D  
Acq: 20 May 2024 21:16

Tgt Ion:112 Resp: 853942  
Ion Ratio Lower Upper  
112 100  
64 61.2 47.5 71.3  
63 32.9 26.9 40.3



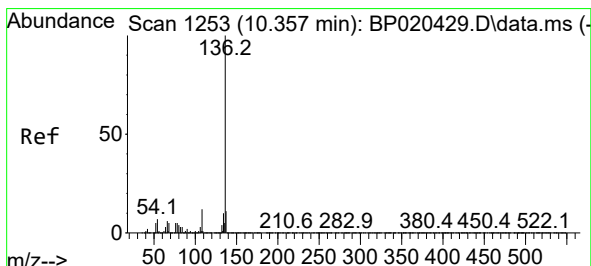
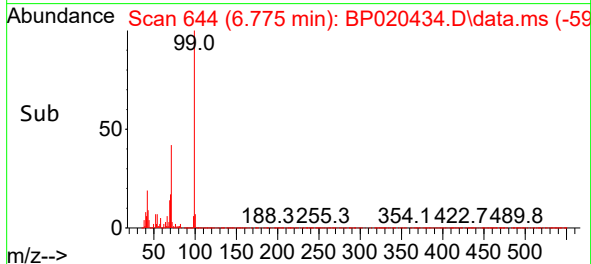
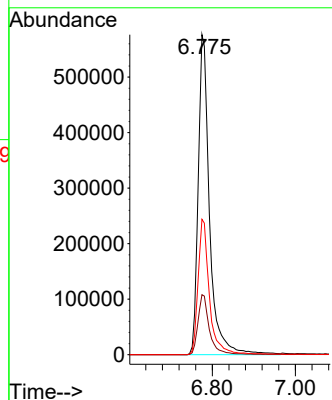
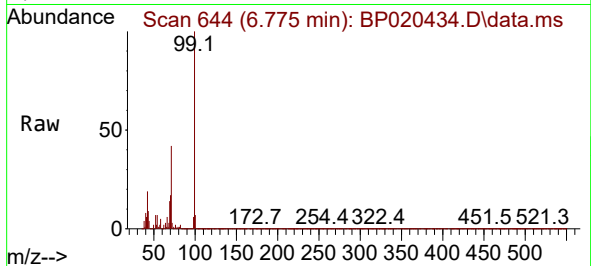


#7  
Phenol-d6  
Concen: 132.528 ng  
RT: 6.775 min Scan# 644  
Delta R.T. 0.000 min  
Lab File: BP020434.D  
Acq: 20 May 2024 21:16

Instrument :  
BNA\_P  
ClientSampleId :  
PB160983BL

Tgt Ion: 99 Resp: 1093412

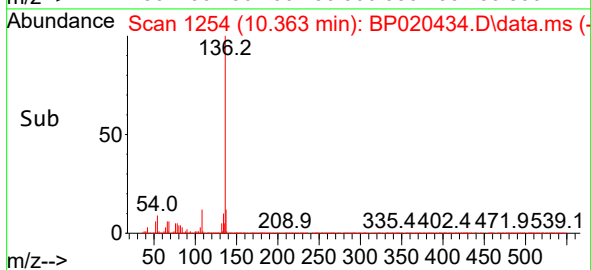
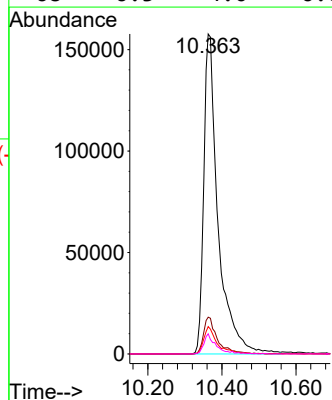
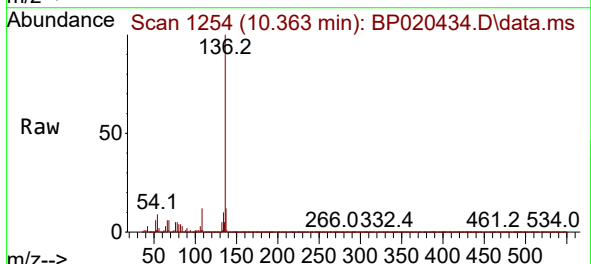
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 18.8  | 15.1  | 22.7  |
| 71  | 42.3  | 33.9  | 50.9  |

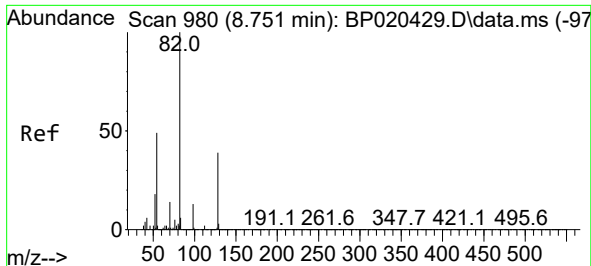


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.363 min Scan# 1254  
Delta R.T. 0.006 min  
Lab File: BP020434.D  
Acq: 20 May 2024 21:16

Tgt Ion: 136 Resp: 422863

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 11.5  | 8.7   | 13.1  |
| 54  | 8.6   | 6.0   | 9.0   |
| 68  | 6.3   | 4.0   | 6.0   |

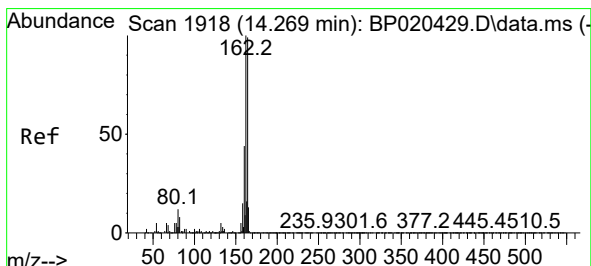
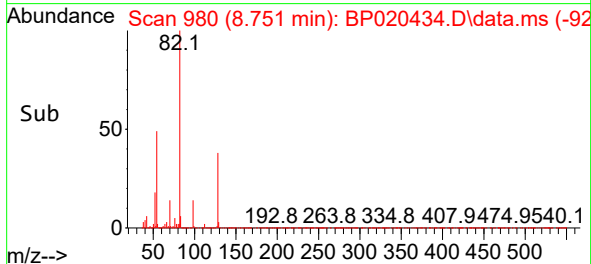
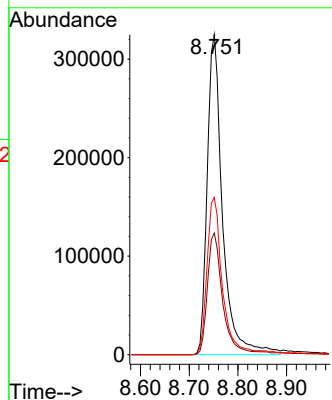
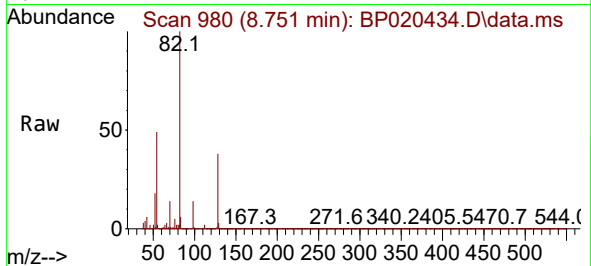




#23  
Nitrobenzene-d5  
Concen: 80.547 ng  
RT: 8.751 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: BP020434.D  
Acq: 20 May 2024 21:16

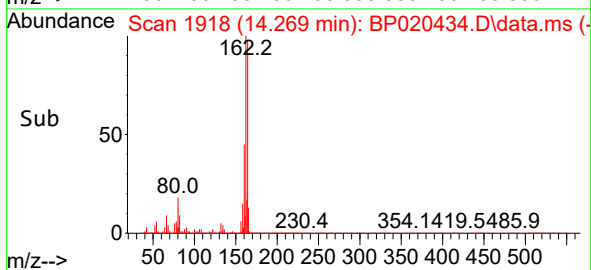
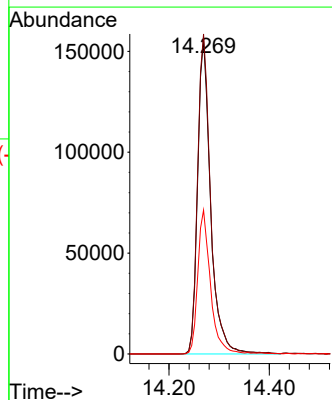
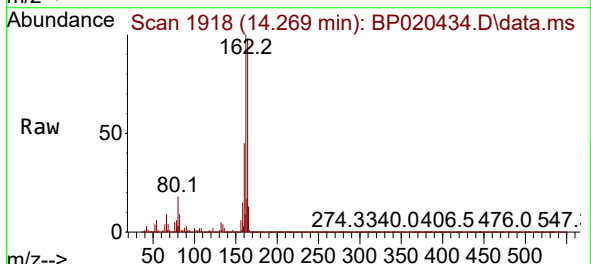
Instrument :  
BNA\_P  
ClientSampleId :  
PB160983BL

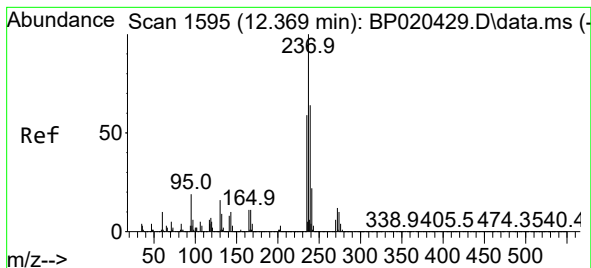
Tgt Ion: 82 Resp: 707902  
Ion Ratio Lower Upper  
82 100  
128 38.0 31.4 47.2  
54 49.1 38.9 58.3



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.269 min Scan# 1918  
Delta R.T. -0.000 min  
Lab File: BP020434.D  
Acq: 20 May 2024 21:16

Tgt Ion:164 Resp: 280567  
Ion Ratio Lower Upper  
164 100  
162 101.6 81.2 121.8  
160 45.7 35.5 53.3





#41

Hexachlorocyclopentadiene

Concen: 5.034 ng

RT: 12.381 min Scan# 1

Delta R.T. 0.012 min

Lab File: BP020434.D

Acq: 20 May 2024 21:16

Instrument :

BNA\_P

ClientSampleId :

PB160983BL

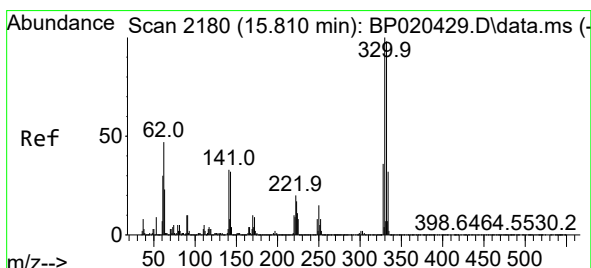
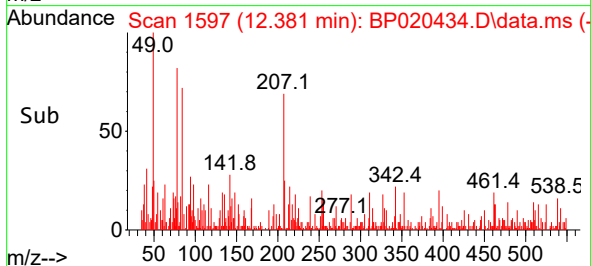
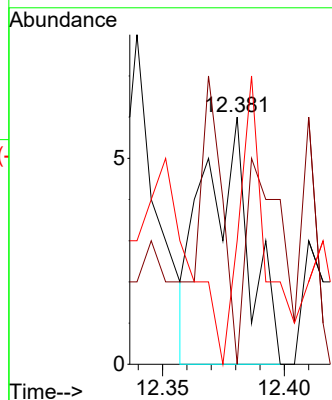
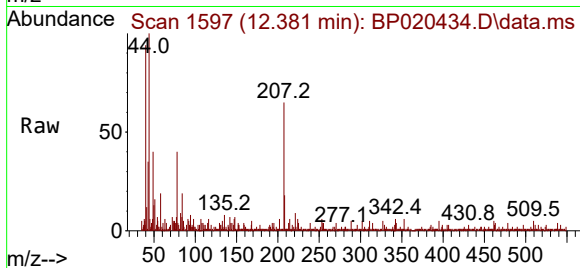
Tgt Ion:237 Resp: 8

Ion Ratio Lower Upper

237 100

235 66.7 39.4 79.4

272 50.0 0.0 32.2#



#42

2,4,6-Tribromophenol

Concen: 125.394 ng

RT: 15.816 min Scan# 2181

Delta R.T. 0.006 min

Lab File: BP020434.D

Acq: 20 May 2024 21:16

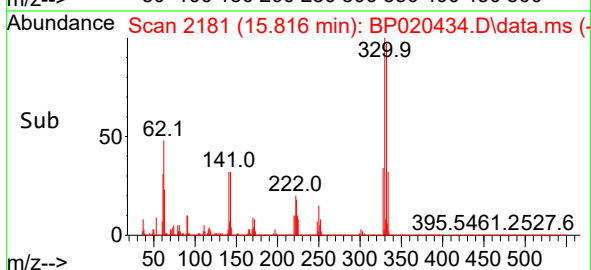
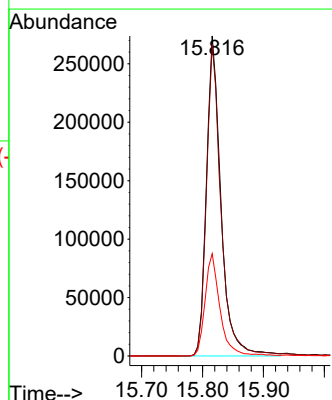
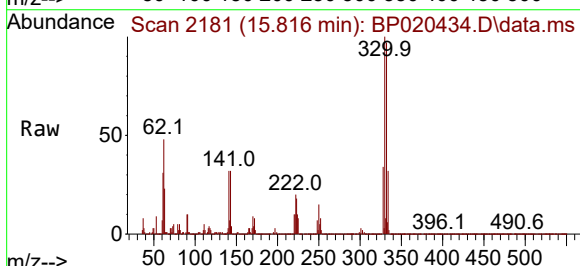
Tgt Ion:330 Resp: 456683

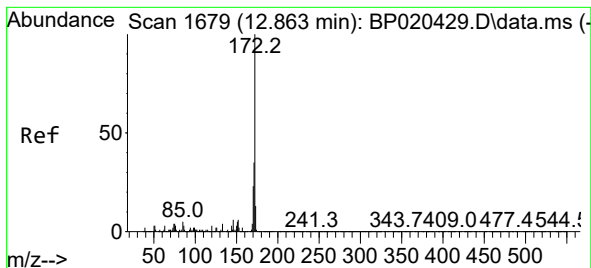
Ion Ratio Lower Upper

330 100

332 97.6 78.0 117.0

141 32.8 26.8 40.2

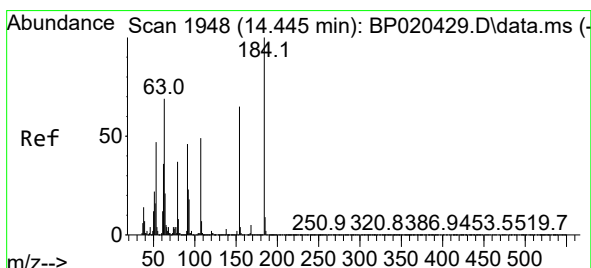
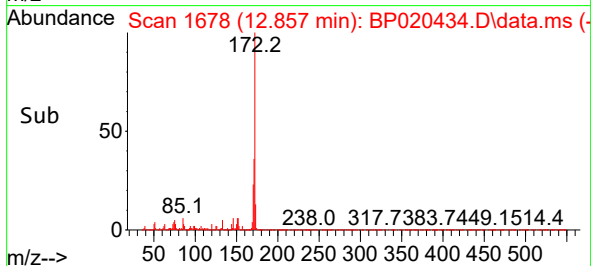
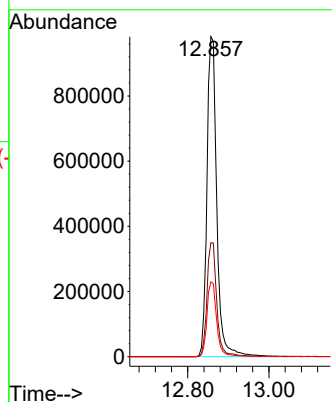
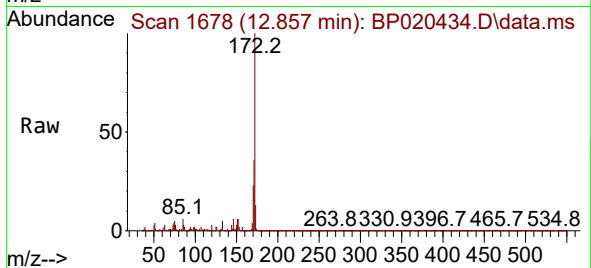




#45  
2-Fluorobiphenyl  
Concen: 82.498 ng  
RT: 12.857 min Scan# 1  
Delta R.T. -0.006 min  
Lab File: BP020434.D  
Acq: 20 May 2024 21:16

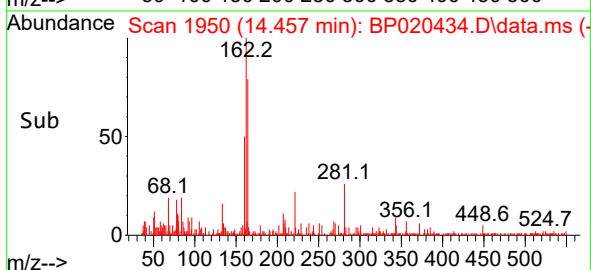
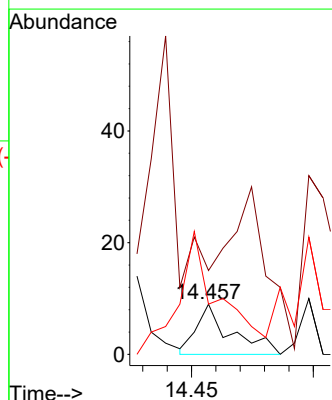
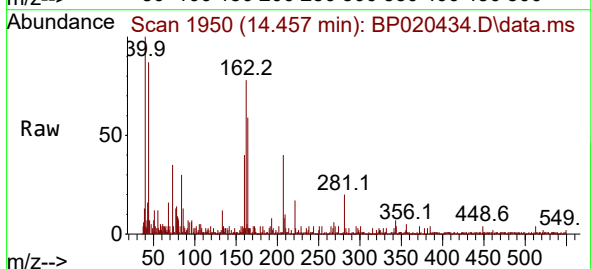
Instrument :  
BNA\_P  
ClientSampleId :  
PB160983BL

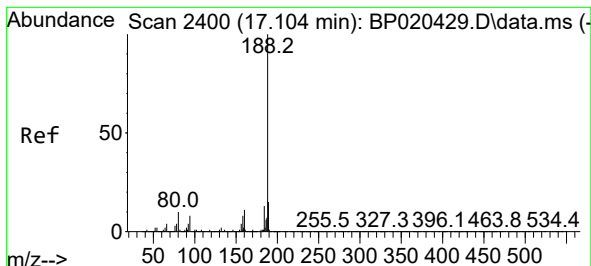
Tgt Ion:172 Resp: 1641605  
Ion Ratio Lower Upper  
172 100  
171 35.6 28.4 42.6  
170 23.4 18.5 27.7



#54  
2,4-Dinitrophenol  
Concen: 3.713 ng  
RT: 14.457 min Scan# 1950  
Delta R.T. 0.012 min  
Lab File: BP020434.D  
Acq: 20 May 2024 21:16

Tgt Ion:184 Resp: 9  
Ion Ratio Lower Upper  
184 100  
63 166.7 55.8 83.8#  
154 100.0 52.6 79.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.122 min Scan# 2400

Delta R.T. 0.018 min

Lab File: BP020434.D

Acq: 20 May 2024 21:16

Instrument :

BNA\_P

ClientSampleId :

PB160983BL

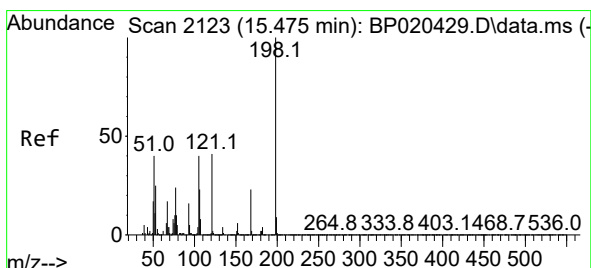
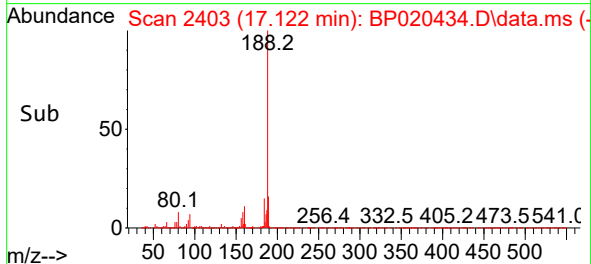
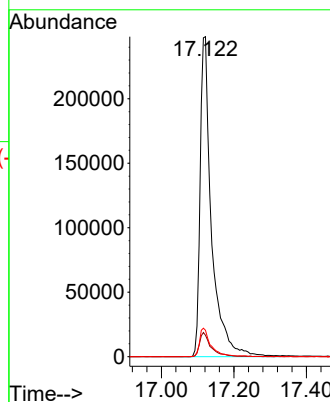
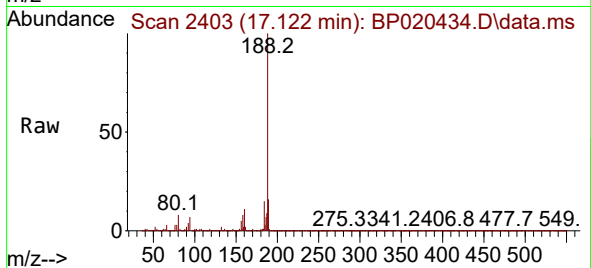
Tgt Ion:188 Resp: 542967

Ion Ratio Lower Upper

188 100

94 6.7 6.2 9.4

80 8.2 7.8 11.6



#65

4,6-Dinitro-2-methylphenol

Concen: 4.381 ng

RT: 15.498 min Scan# 2127

Delta R.T. 0.023 min

Lab File: BP020434.D

Acq: 20 May 2024 21:16

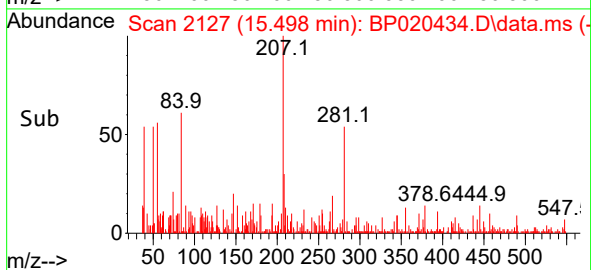
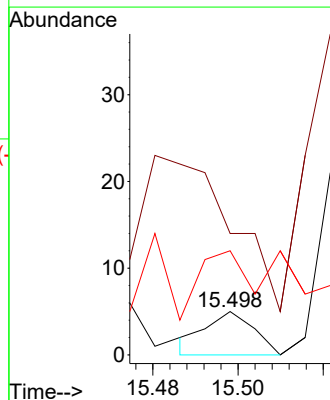
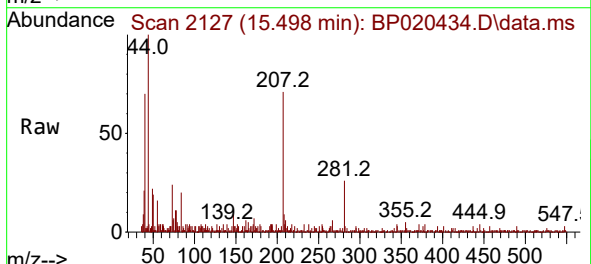
Tgt Ion:198 Resp: 4

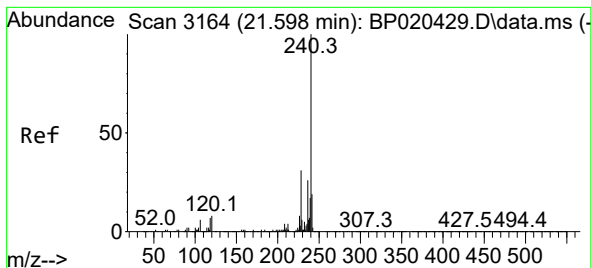
Ion Ratio Lower Upper

198 100

51 280.0 23.5 63.5#

105 240.0 20.6 60.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.610 min Scan# 3164

Delta R.T. 0.012 min

Lab File: BP020434.D

Acq: 20 May 2024 21:16

Instrument :

BNA\_P

ClientSampleId :

PB160983BL

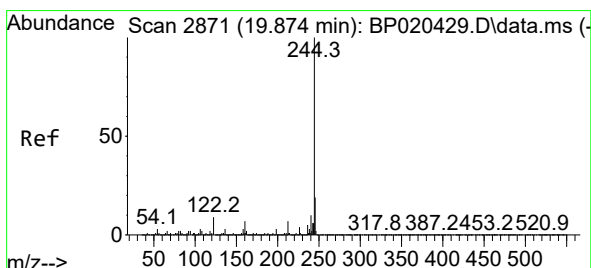
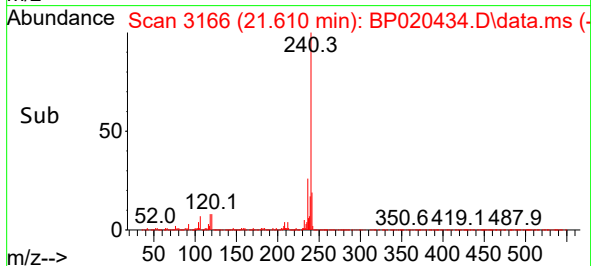
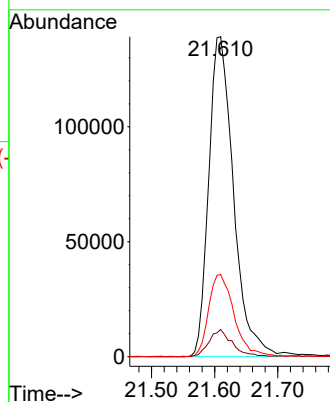
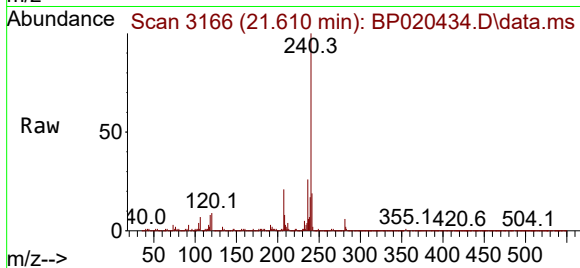
Tgt Ion:240 Resp: 379057

Ion Ratio Lower Upper

240 100

120 8.5 6.2 9.2

236 25.7 20.6 30.8



#79

Terphenyl-d14

Concen: 96.861 ng

RT: 19.868 min Scan# 2870

Delta R.T. -0.006 min

Lab File: BP020434.D

Acq: 20 May 2024 21:16

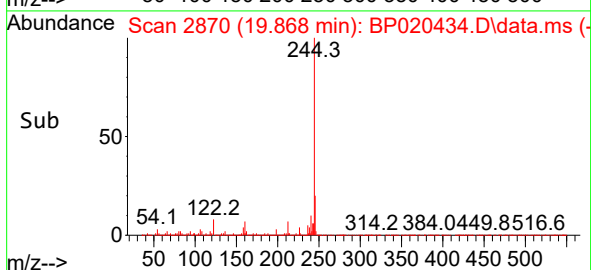
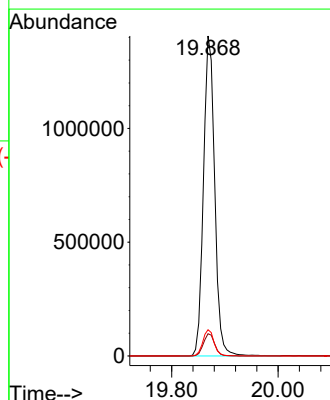
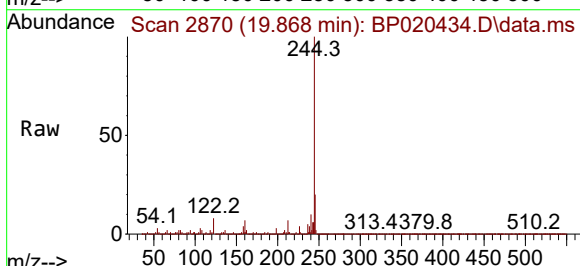
Tgt Ion:244 Resp: 2052961

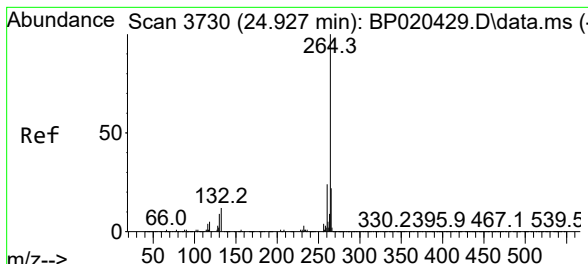
Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.6

122 8.2 6.8 10.2





#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 24.945 min Scan# 31  
 Delta R.T. 0.018 min  
 Lab File: BP020434.D  
 Acq: 20 May 2024 21:16

Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB160983BL

Tgt Ion: 264 Resp: 400697

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 23.5  | 18.9  | 28.3  |
| 265 | 22.5  | 17.7  | 26.5  |

