

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP021422\  
 Data File : BP009144.D  
 Acq On : 14 Feb 2022 20:34  
 Operator : CG/JU  
 Sample : N1524-01  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 TP-1

Quant Time: Feb 15 00:00:39 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP020722.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Feb 07 15:13:17 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.793  | 152  | 217927   | 20.000  | ng    | -0.01    |
| 21) Naphthalene-d8          | 10.593 | 136  | 819358   | 20.000  | ng    | -0.01    |
| 39) Acenaphthene-d10        | 14.434 | 164  | 522737   | 20.000  | ng    | -0.01    |
| 64) Phenanthrene-d10        | 17.192 | 188  | 1113699  | 20.000  | ng    | -0.01    |
| 76) Chrysene-d12            | 21.292 | 240  | 1187309  | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 23.680 | 264  | 1322542  | 20.000  | ng    | -0.01    |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.393  | 112  | 1216541  | 99.578  | ng    | 0.00     |
| 7) Phenol-d6                | 6.987  | 99   | 1471670  | 91.420  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 8.958  | 82   | 940922   | 64.761  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 15.940 | 330  | 729916   | 104.580 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.057 | 172  | 2442469  | 65.409  | ng    | -0.01    |
| 79) Terphenyl-d14           | 19.757 | 244  | 3979743  | 60.278  | ng    | -0.01    |

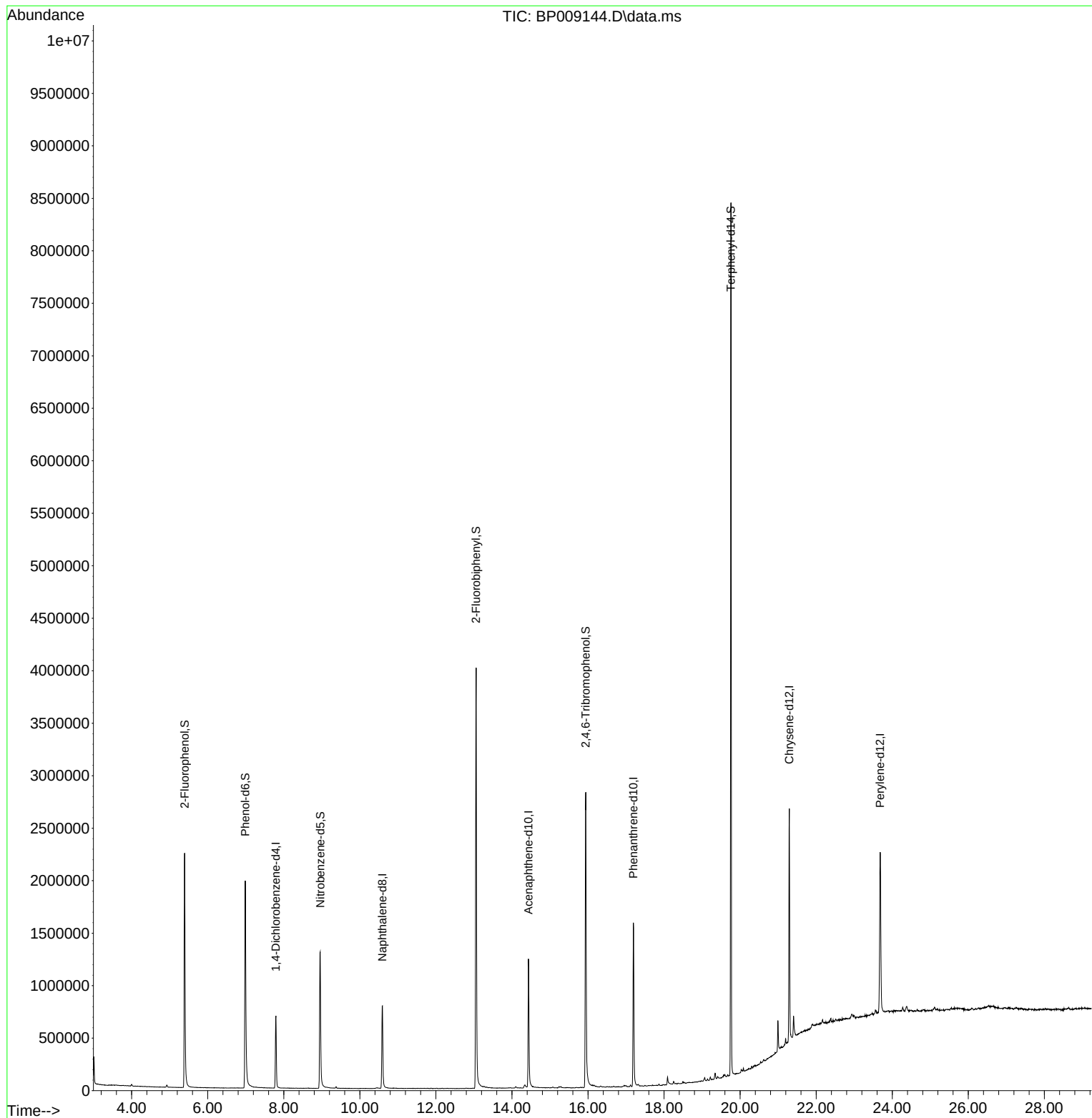
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

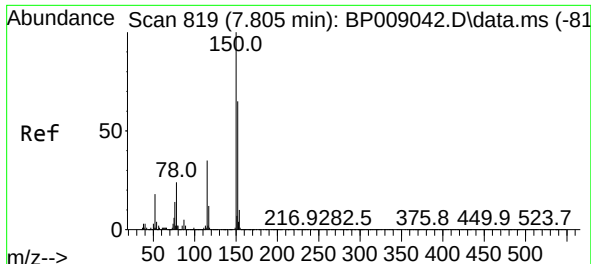
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : N1524-01  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
TP-1

Quant Time: Feb 15 00:00:39 2022  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP020722.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Feb 07 15:13:17 2022  
Response via : Initial Calibration

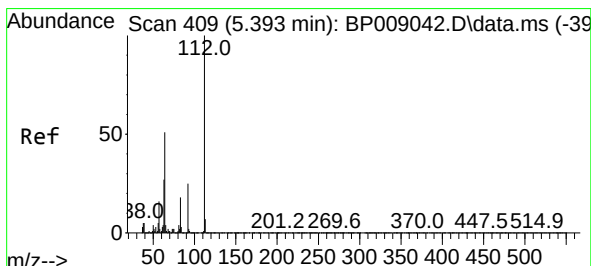
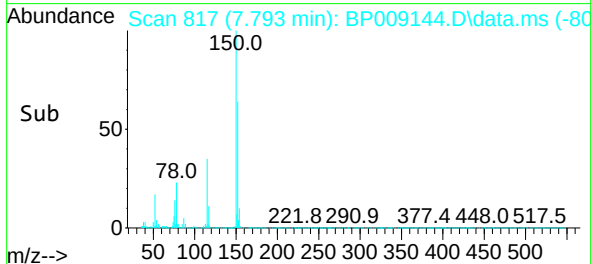
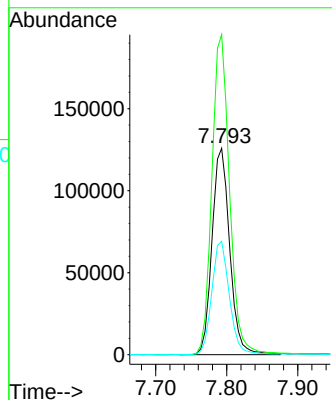
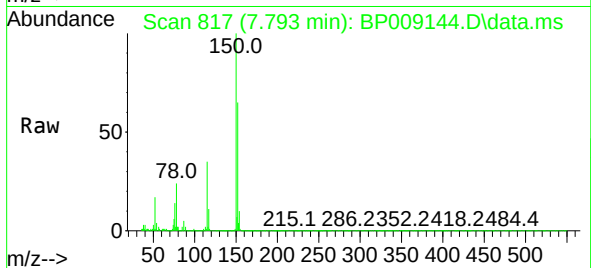




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.793 min Scan# 819  
Delta R.T. -0.012 min  
Lab File: BP009144.D  
Acq: 14 Feb 2022 20:34

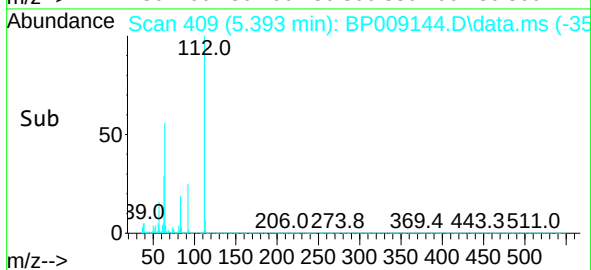
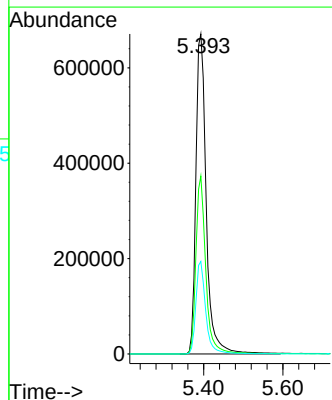
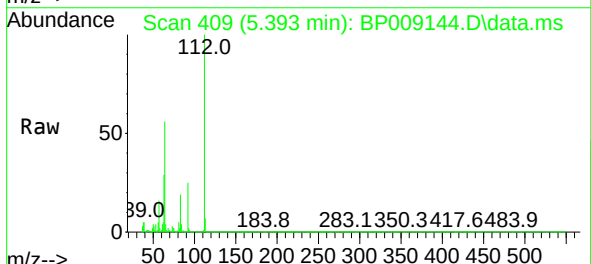
Instrument :  
BNA\_P  
ClientSampleId :  
TP-1

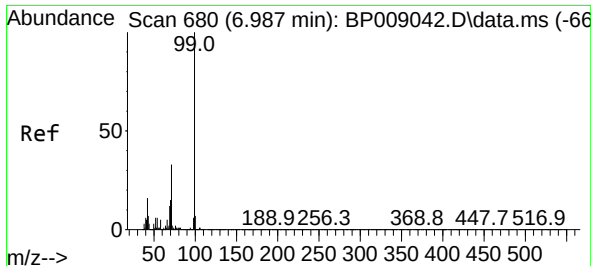
Tgt Ion:152 Resp: 217927  
Ion Ratio Lower Upper  
152 100  
150 155.0 127.0 190.6  
115 55.0 43.7 65.5



#5  
2-Fluorophenol  
Concen: 99.578 ng  
RT: 5.393 min Scan# 409  
Delta R.T. 0.000 min  
Lab File: BP009144.D  
Acq: 14 Feb 2022 20:34

Tgt Ion:112 Resp: 1216541  
Ion Ratio Lower Upper  
112 100  
64 55.6 39.7 59.5  
63 28.9 20.0 30.0

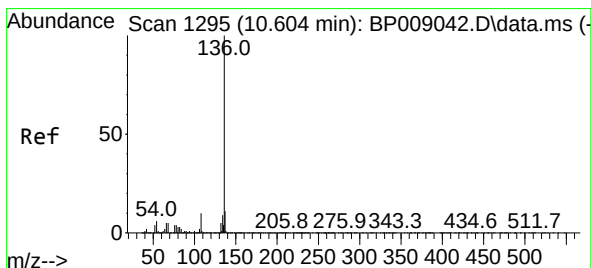
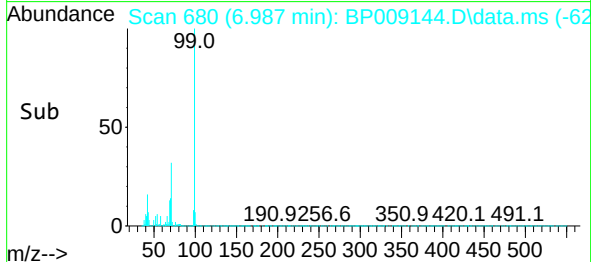
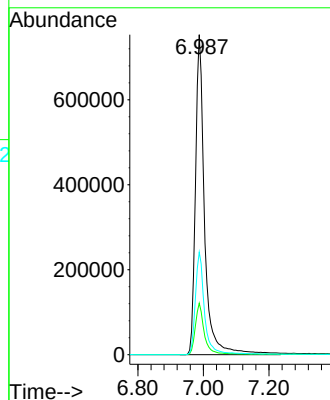
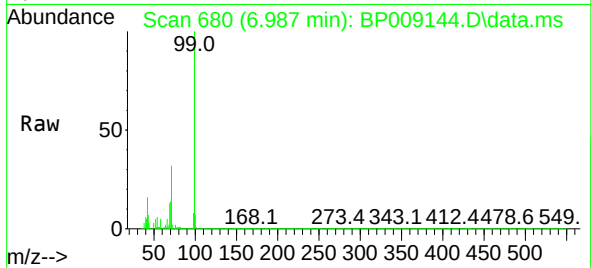




#7  
Phenol-d6  
Concen: 91.420 ng  
RT: 6.987 min Scan# 680  
Delta R.T. 0.000 min  
Lab File: BP009144.D  
Acq: 14 Feb 2022 20:34

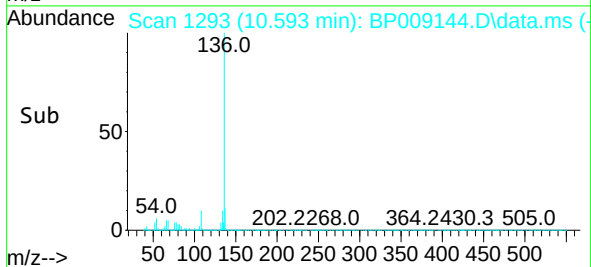
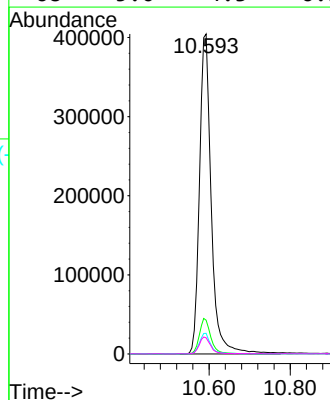
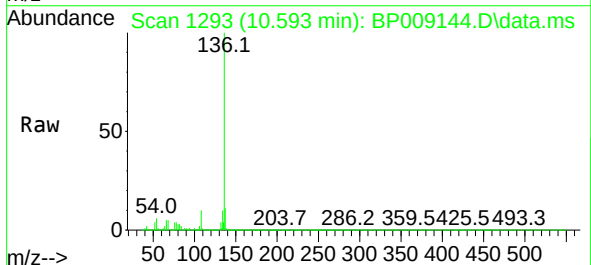
Instrument :  
BNA\_P  
ClientSampleId :  
TP-1

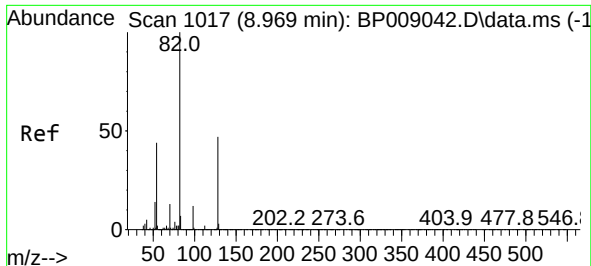
Tgt Ion: 99 Resp: 1471670  
Ion Ratio Lower Upper  
99 100  
42 16.1 10.8 16.2  
71 32.0 23.8 35.6



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.593 min Scan# 1293  
Delta R.T. -0.011 min  
Lab File: BP009144.D  
Acq: 14 Feb 2022 20:34

Tgt Ion: 136 Resp: 819358  
Ion Ratio Lower Upper  
136 100  
137 10.6 9.0 13.4  
54 6.4 4.9 7.3  
68 5.0 4.3 6.5





#23

Nitrobenzene-d5

Concen: 64.761 ng

RT: 8.958 min Scan# 1015

Delta R.T. -0.012 min

Lab File: BP009144.D

Acq: 14 Feb 2022 20:34

Instrument :

BNA\_P

ClientSampleId :

TP-1

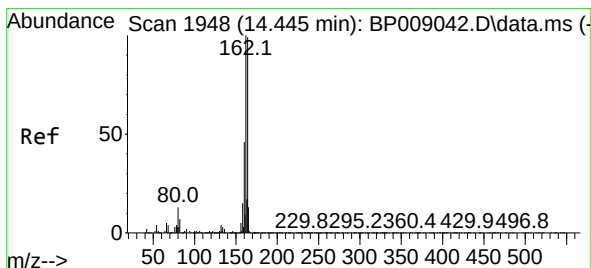
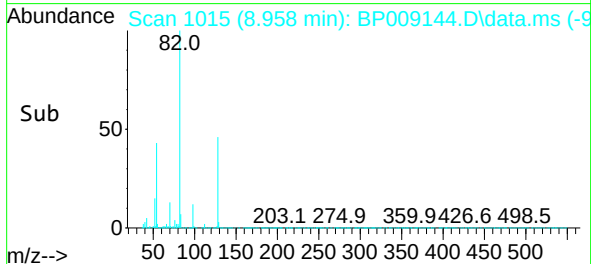
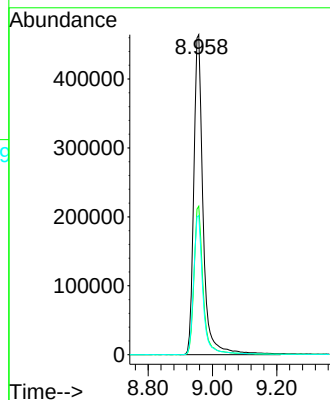
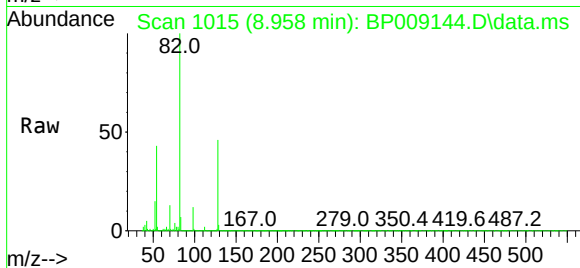
Tgt Ion: 82 Resp: 940922

Ion Ratio Lower Upper

82 100

128 46.4 39.4 59.2

54 43.5 32.6 48.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.434 min Scan# 1946

Delta R.T. -0.011 min

Lab File: BP009144.D

Acq: 14 Feb 2022 20:34

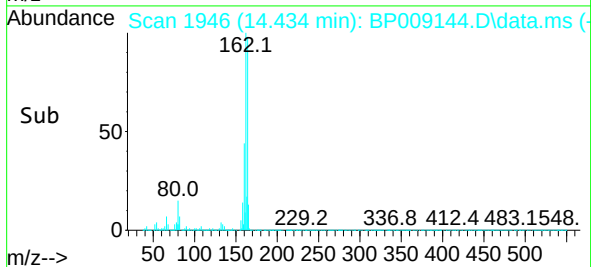
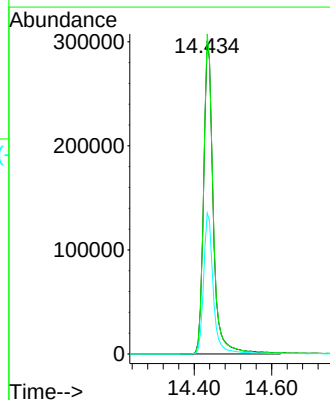
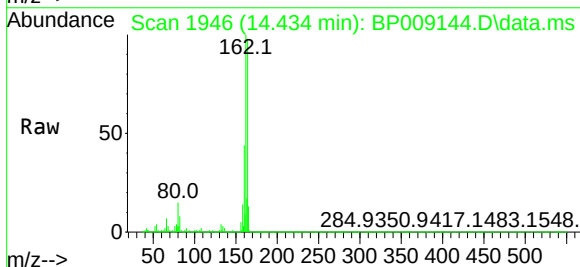
Tgt Ion: 164 Resp: 522737

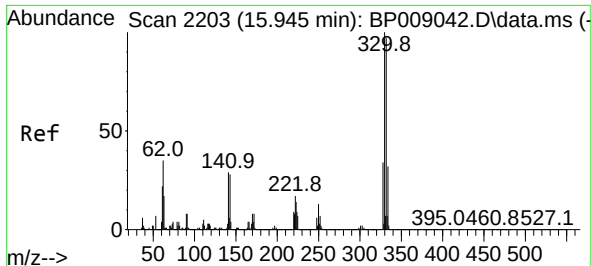
Ion Ratio Lower Upper

164 100

162 102.1 79.9 119.9

160 45.0 35.5 53.3

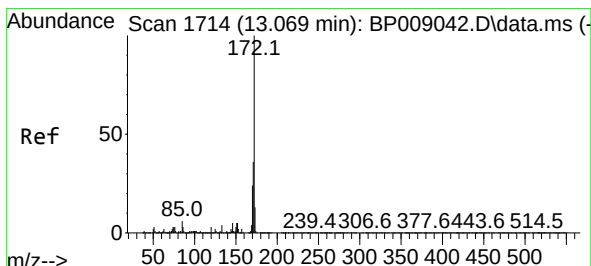
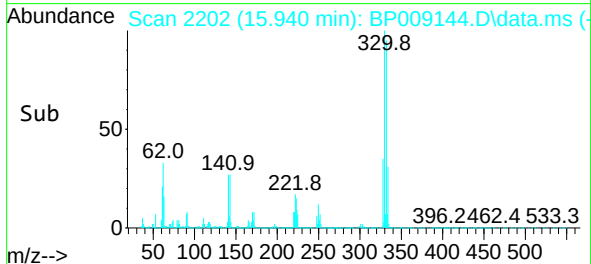
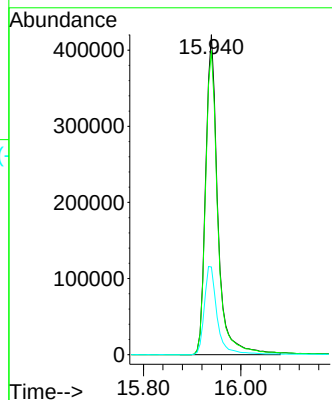
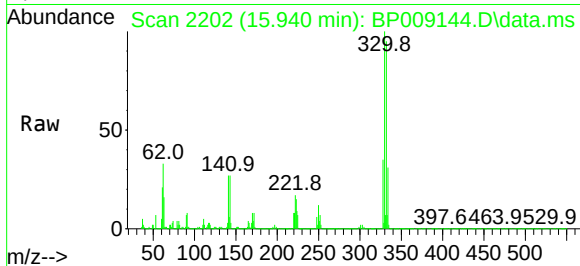




#42  
2,4,6-Tribromophenol  
Concen: 104.580 ng  
RT: 15.940 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BP009144.D  
Acq: 14 Feb 2022 20:34

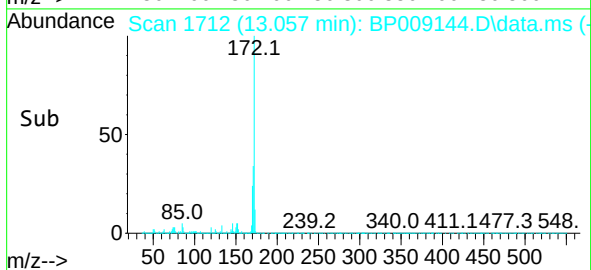
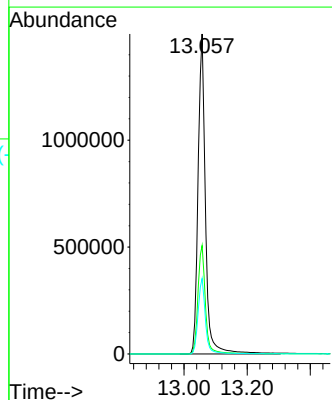
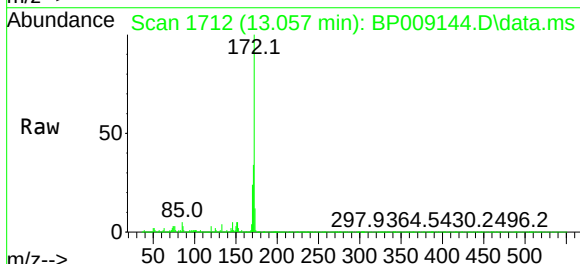
Instrument :  
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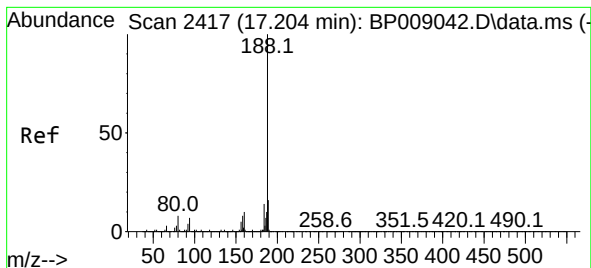
Tgt Ion:330 Resp: 729916  
Ion Ratio Lower Upper  
330 100  
332 97.5 77.0 115.4  
141 29.6 21.3 31.9



#45  
2-Fluorobiphenyl  
Concen: 65.409 ng  
RT: 13.057 min Scan# 1712  
Delta R.T. -0.012 min  
Lab File: BP009144.D  
Acq: 14 Feb 2022 20:34

Tgt Ion:172 Resp: 2442469  
Ion Ratio Lower Upper  
172 100  
171 33.9 29.3 43.9  
170 23.6 19.5 29.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.192 min Scan# 2415

Delta R.T. -0.012 min

Lab File: BP009144.D

Acq: 14 Feb 2022 20:34

Instrument :

BNA\_P

ClientSampleId :

TP-1

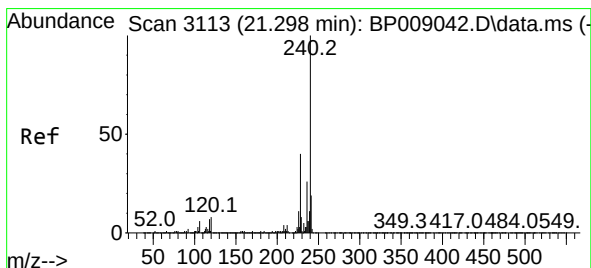
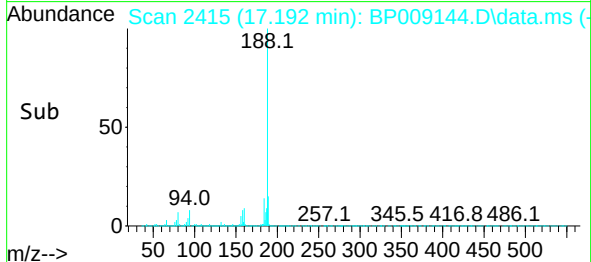
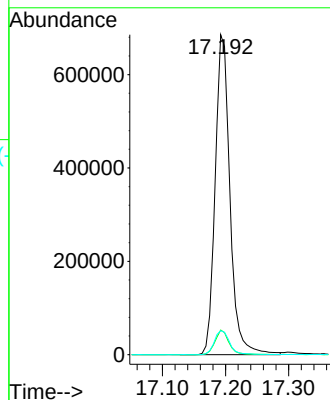
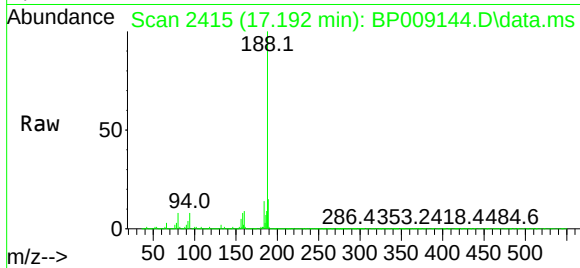
Tgt Ion:188 Resp: 1113699

Ion Ratio Lower Upper

188 100

94 7.7 6.8 10.2

80 7.5 7.2 10.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.292 min Scan# 3112

Delta R.T. -0.006 min

Lab File: BP009144.D

Acq: 14 Feb 2022 20:34

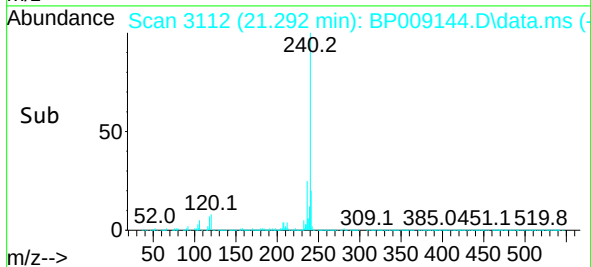
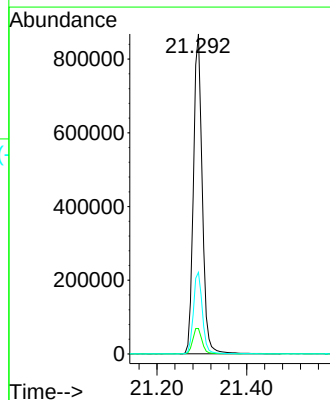
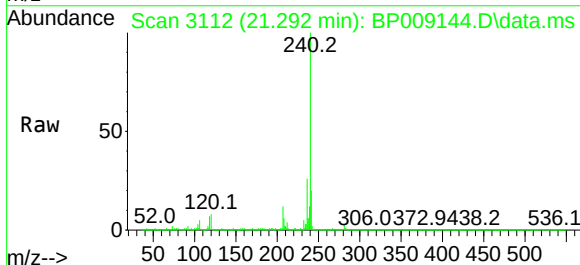
Tgt Ion:240 Resp: 1187309

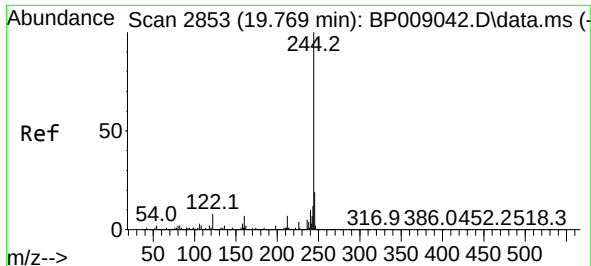
Ion Ratio Lower Upper

240 100

120 7.9 7.7 11.5

236 25.5 21.2 31.8

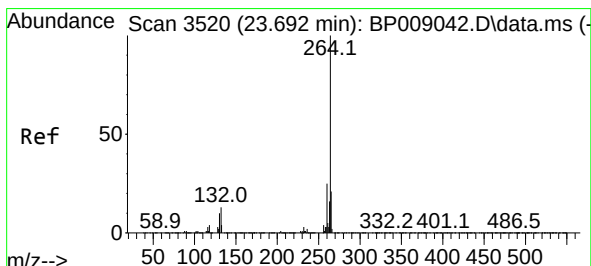
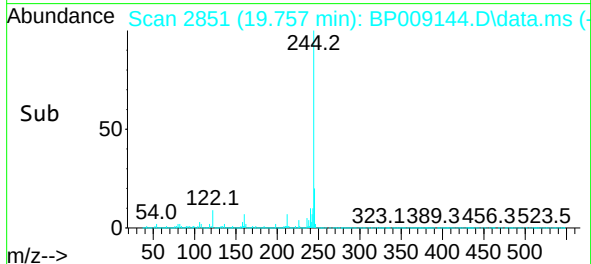
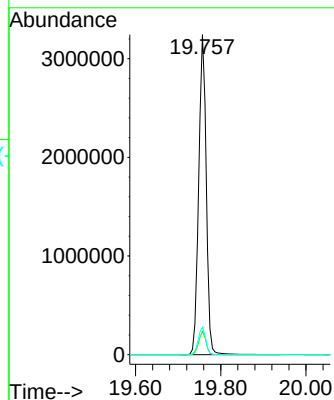
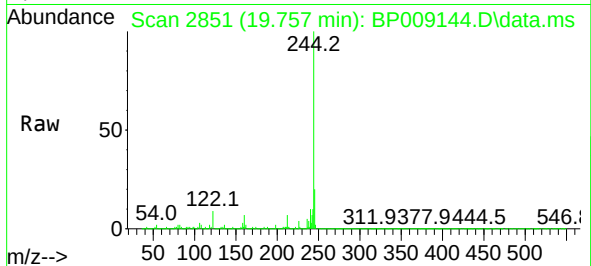




#79  
 Terphenyl-d14  
 Concen: 60.278 ng  
 RT: 19.757 min Scan# 21  
 Delta R.T. -0.012 min  
 Lab File: BP009144.D  
 Acq: 14 Feb 2022 20:34

Instrument :  
 BNA\_P  
 ClientSampleId :  
 TP-1

Tgt Ion:244 Resp: 3979743  
 Ion Ratio Lower Upper  
 244 100  
 212 7.2 6.5 9.7  
 122 8.6 9.2 13.8#



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 23.680 min Scan# 3518  
 Delta R.T. -0.012 min  
 Lab File: BP009144.D  
 Acq: 14 Feb 2022 20:34

Tgt Ion:264 Resp: 1322542  
 Ion Ratio Lower Upper  
 264 100  
 260 24.3 19.1 28.7  
 265 22.2 17.1 25.7

