

Data Path : Z:\svoasrv\HPCHEM1\BNA\_E\Data\BE110624\  
Data File : BE101507.D  
Acq On : 6 Nov 2024 22:15  
Operator : RC/JU  
Sample : P4660-11  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_E  
ClientSampleId :  
WC-CONCRETE-01-C

Quant Time: Nov 07 01:05:47 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_E\Methods\8270-BE110624.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Nov 07 00:01:20 2024  
Response via : Initial Calibration

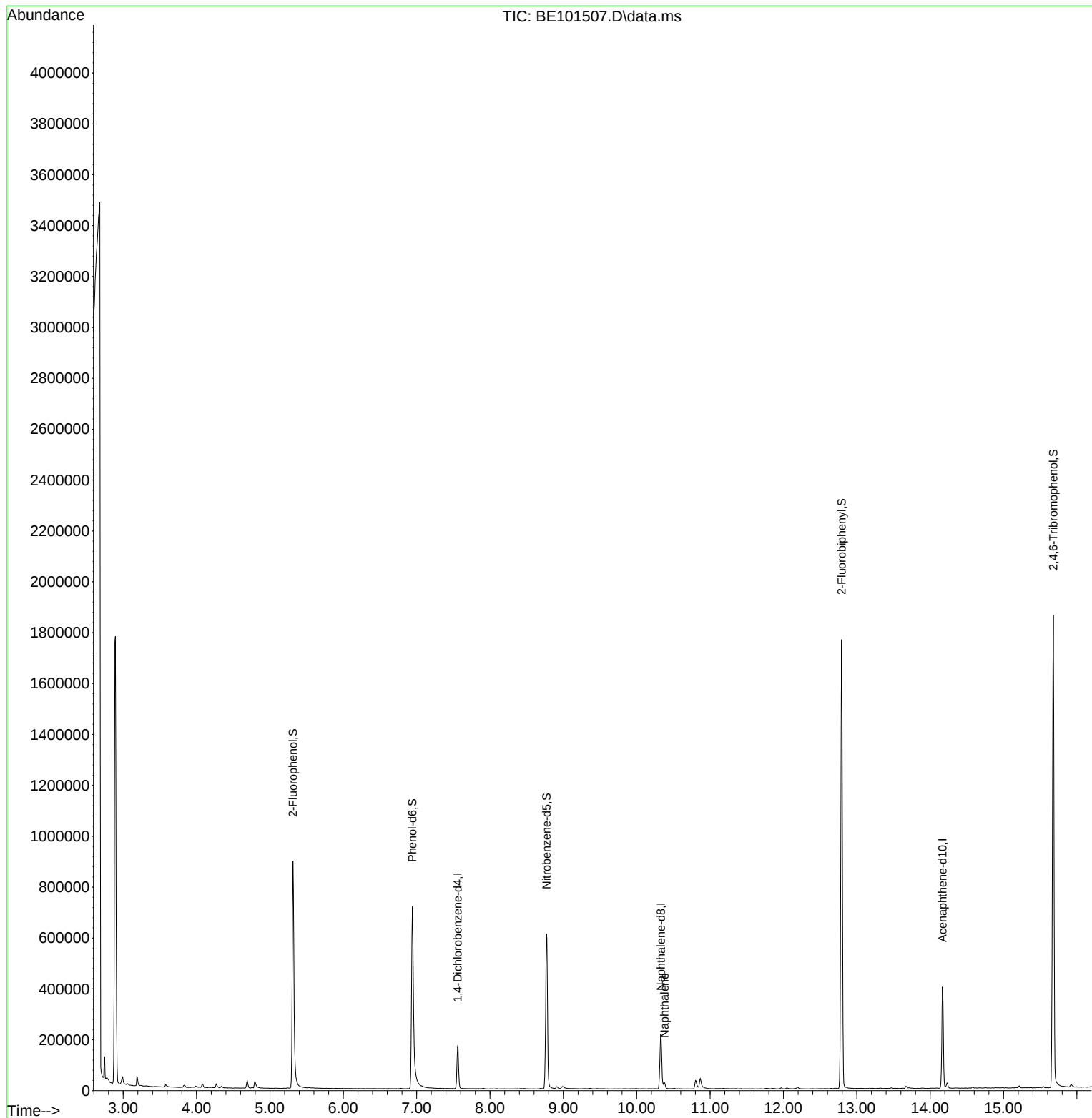
| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.559  | 152  | 46975    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.332 | 136  | 200241   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.169 | 164  | 139072   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 16.907 | 188  | 335687   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.066 | 240  | 438455   | 20.000  | ng    | -0.01    |
| 86) Perylene-d12            | 23.352 | 264  | 582677   | 20.000  | ng    | 0.00     |
|                             |        |      |          |         |       |          |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.314  | 112  | 467265   | 175.882 | ng    | 0.00     |
| 7) Phenol-d6                | 6.942  | 99   | 558745   | 153.395 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 8.769  | 82   | 374015   | 117.981 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 15.679 | 330  | 476724   | 182.170 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 12.794 | 172  | 946514   | 111.127 | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.498 | 244  | 1719406  | 86.805  | ng    | 0.00     |
|                             |        |      |          |         |       |          |
| Target Compounds            |        |      |          |         |       | Qvalue   |
| 31) Naphthalene             | 10.379 | 128  | 21474    | 2.124   | ng    | 98       |
| -----                       |        |      |          |         |       |          |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA\_E\Data\BE110624\  
Data File : BE101507.D  
Acq On : 6 Nov 2024 22:15  
Operator : RC/JU  
Sample : P4660-11  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_E  
ClientSampleId :  
WC-CONCRETE-01-C

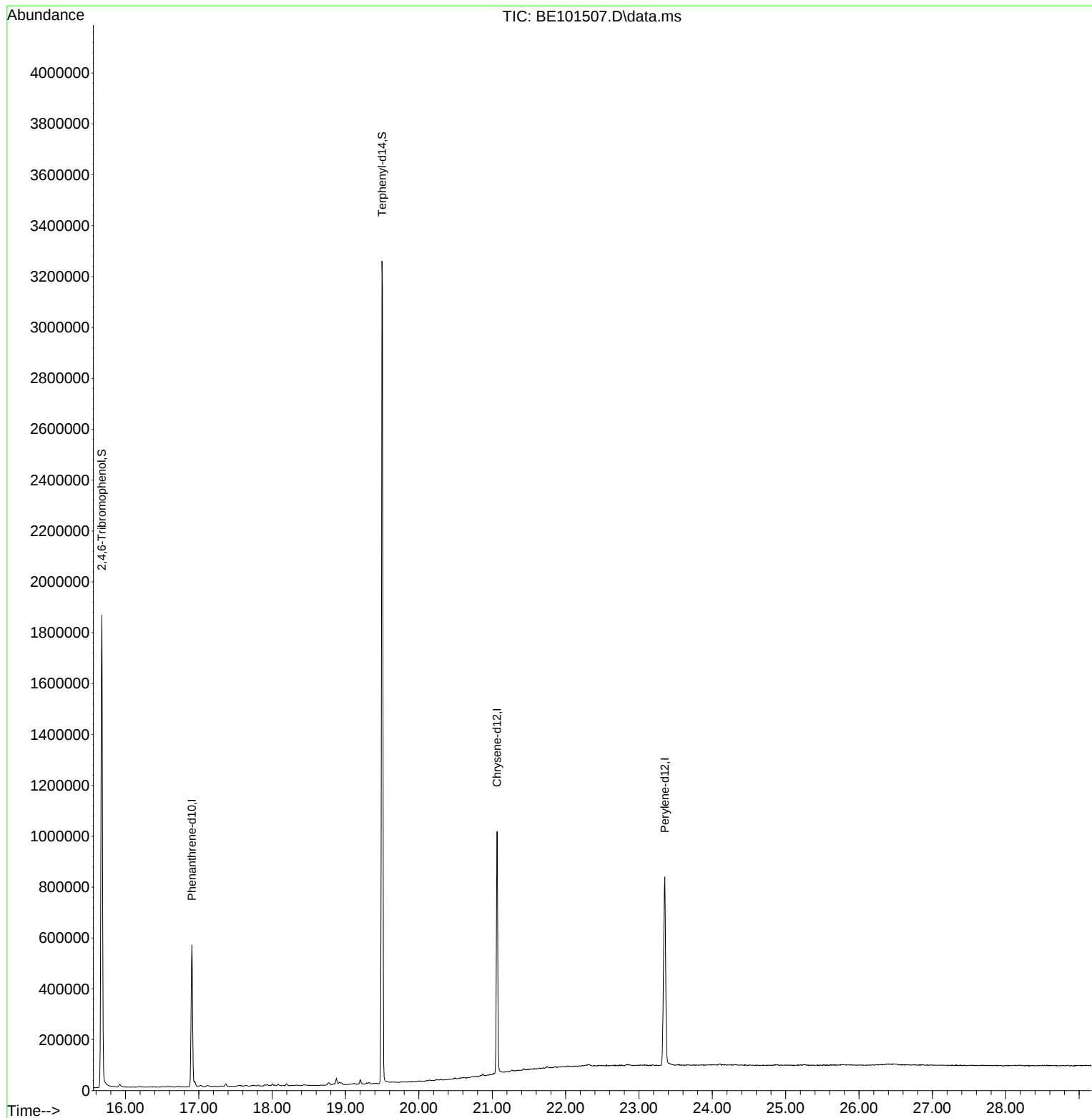
Quant Time: Nov 07 01:05:47 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_E\Methods\8270-BE110624.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Nov 07 00:01:20 2024  
Response via : Initial Calibration



Data Path : Z:\svoasrv\HPCHEM1\BNA\_E\Data\BE110624\  
Data File : BE101507.D  
Acq On : 6 Nov 2024 22:15  
Operator : RC/JU  
Sample : P4660-11  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_E  
ClientSampleId :  
WC-CONCRETE-01-C

Quant Time: Nov 07 01:05:47 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_E\Methods\8270-BE110624.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Nov 07 00:01:20 2024  
Response via : Initial Calibration

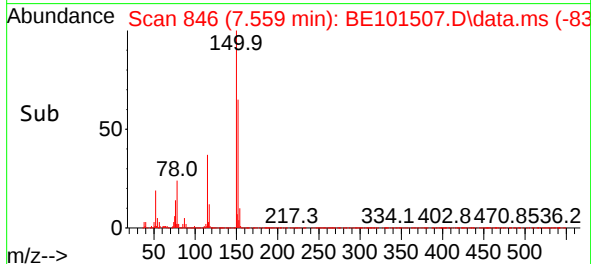
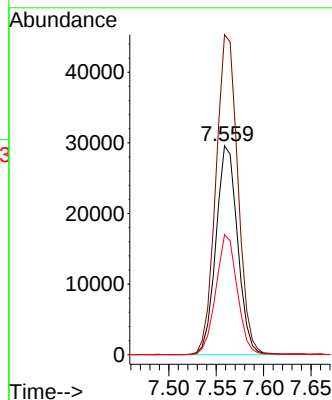
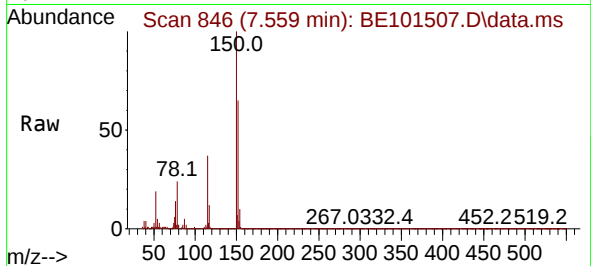




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.559 min Scan# 847  
Delta R.T. -0.004 min  
Lab File: BE101507.D  
Acq: 6 Nov 2024 22:15

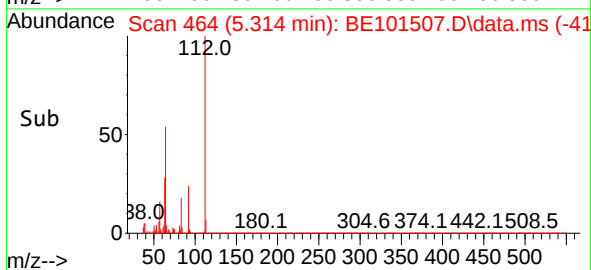
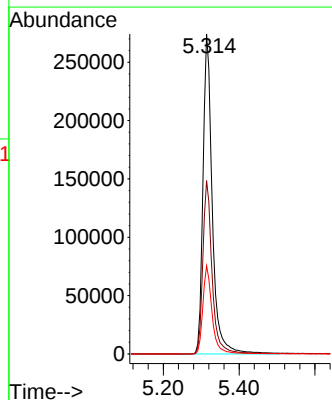
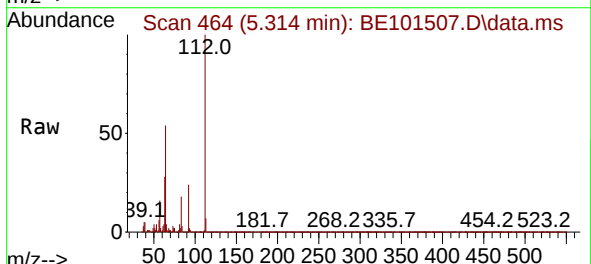
Instrument :  
BNA\_E  
ClientSampleId :  
WC-CONCRETE-01-C

Tgt Ion:152 Resp: 46975  
Ion Ratio Lower Upper  
152 100  
150 153.1 126.3 189.5  
115 57.4 45.0 67.4



#5  
2-Fluorophenol  
Concen: 175.882 ng  
RT: 5.314 min Scan# 464  
Delta R.T. 0.001 min  
Lab File: BE101507.D  
Acq: 6 Nov 2024 22:15

Tgt Ion:112 Resp: 467265  
Ion Ratio Lower Upper  
112 100  
64 54.1 43.2 64.8  
63 27.5 21.8 32.6

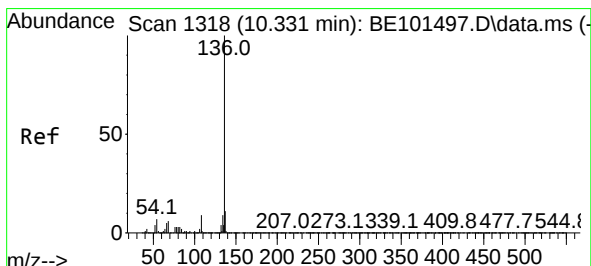
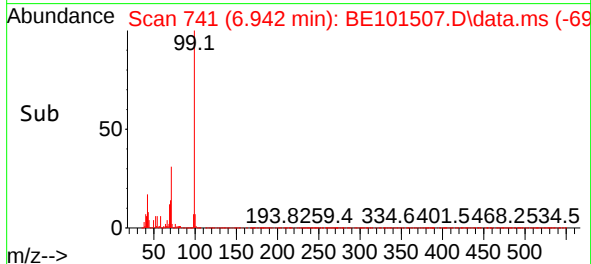
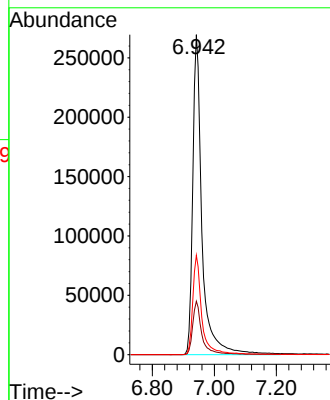
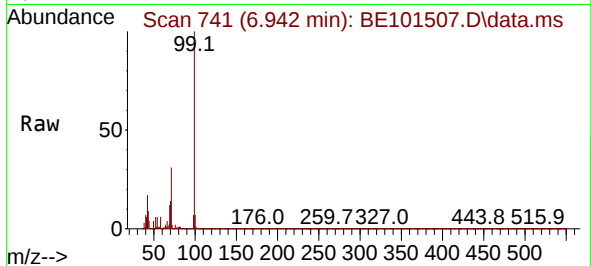




#7  
Phenol-d6  
Concen: 153.395 ng  
RT: 6.942 min Scan# 741  
Delta R.T. -0.005 min  
Lab File: BE101507.D  
Acq: 6 Nov 2024 22:15

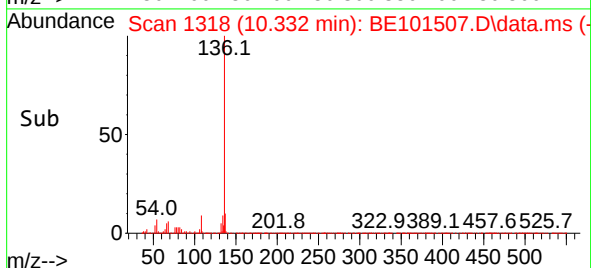
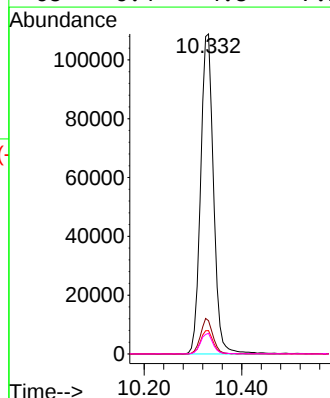
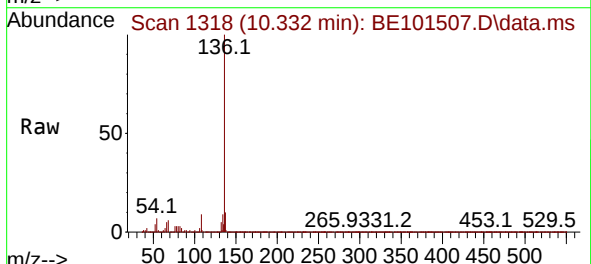
Instrument :  
BNA\_E  
ClientSampleId :  
WC-CONCRETE-01-C

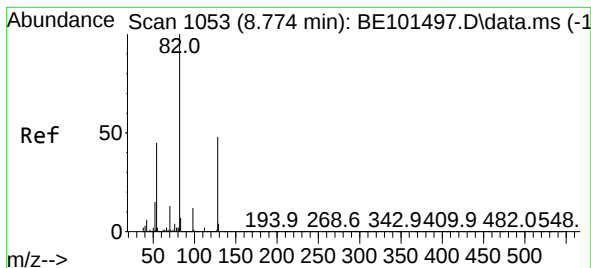
Tgt Ion: 99 Resp: 558745  
Ion Ratio Lower Upper  
99 100  
42 16.7 12.5 18.7  
71 31.1 24.2 36.2



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.332 min Scan# 1318  
Delta R.T. 0.001 min  
Lab File: BE101507.D  
Acq: 6 Nov 2024 22:15

Tgt Ion: 136 Resp: 200241  
Ion Ratio Lower Upper  
136 100  
137 10.4 8.6 13.0  
54 7.3 5.6 8.4  
68 6.4 4.8 7.2





#23

Nitrobenzene-d5

Concen: 117.981 ng

RT: 8.769 min Scan# 1052

Delta R.T. -0.005 min

Lab File: BE101507.D

Acq: 6 Nov 2024 22:15

Instrument :

BNA\_E

ClientSampleId :

WC-CONCRETE-01-C

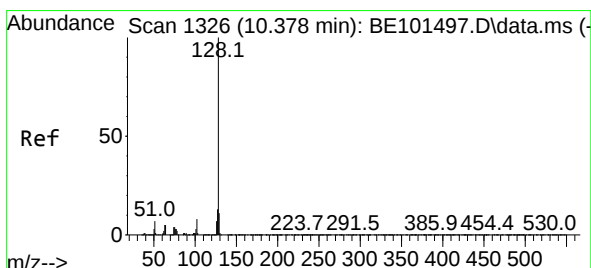
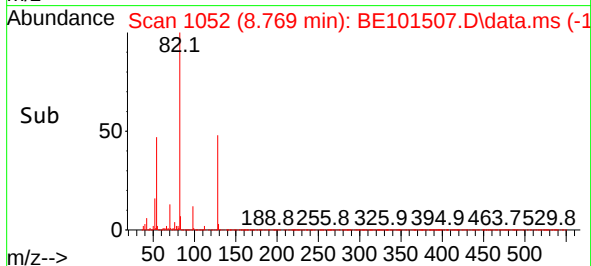
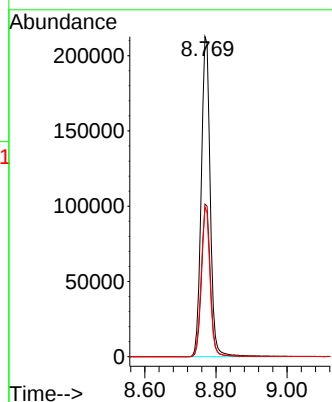
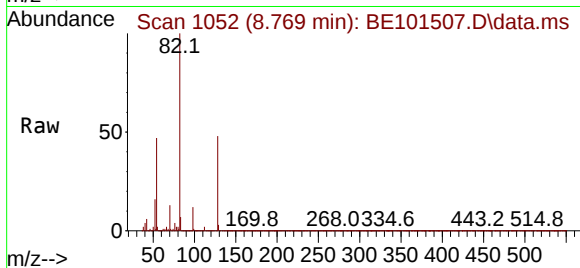
Tgt Ion: 82 Resp: 374015

Ion Ratio Lower Upper

82 100

128 47.7 38.6 58.0

54 46.7 36.3 54.5



#31

Naphthalene

Concen: 2.124 ng

RT: 10.379 min Scan# 1326

Delta R.T. 0.001 min

Lab File: BE101507.D

Acq: 6 Nov 2024 22:15

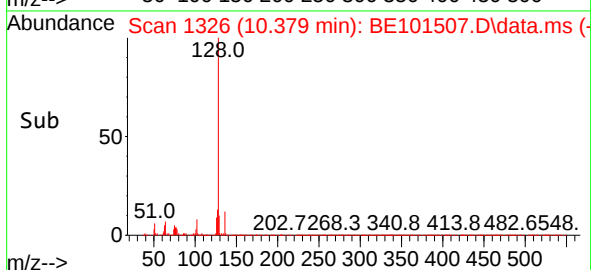
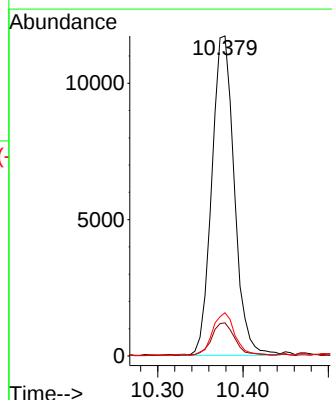
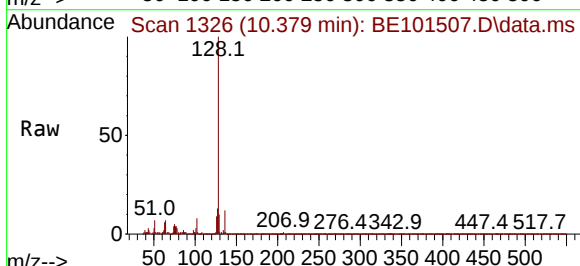
Tgt Ion: 128 Resp: 21474

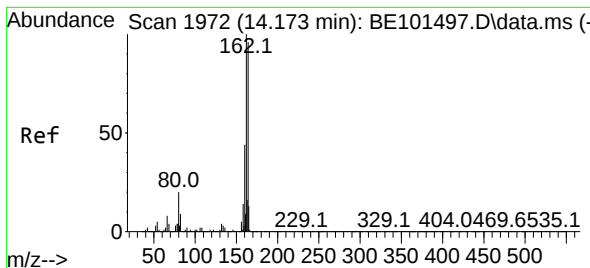
Ion Ratio Lower Upper

128 100

129 10.3 8.9 13.3

127 13.5 10.3 15.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.169 min Scan# 1971

Delta R.T. -0.005 min

Lab File: BE101507.D

Acq: 6 Nov 2024 22:15

Instrument :

BNA\_E

ClientSampleId :

WC-CONCRETE-01-C

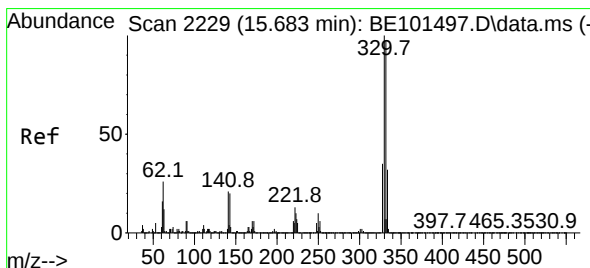
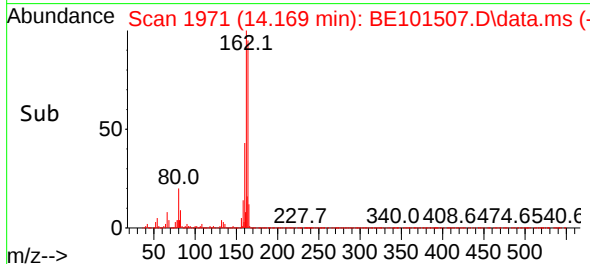
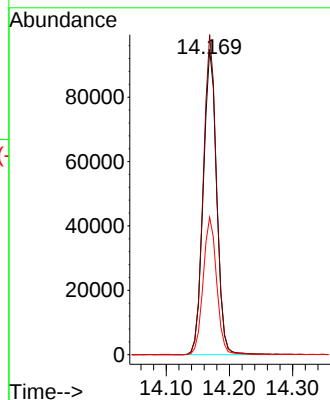
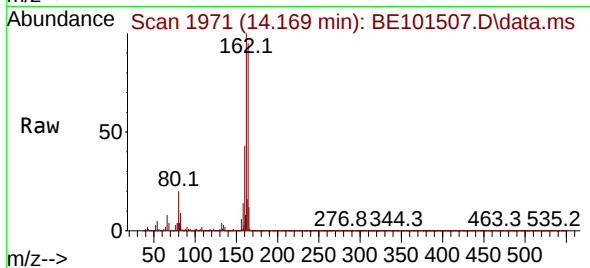
Tgt Ion:164 Resp: 139072

Ion Ratio Lower Upper

164 100

162 104.8 83.7 125.5

160 45.0 37.1 55.7



#42

2,4,6-Tribromophenol

Concen: 182.170 ng

RT: 15.679 min Scan# 2228

Delta R.T. -0.005 min

Lab File: BE101507.D

Acq: 6 Nov 2024 22:15

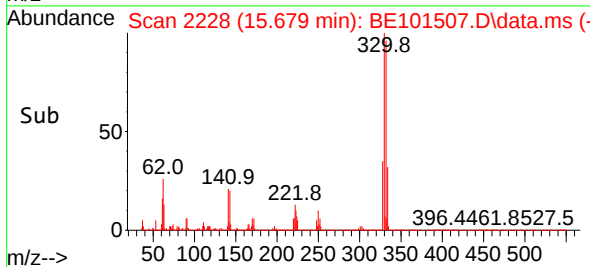
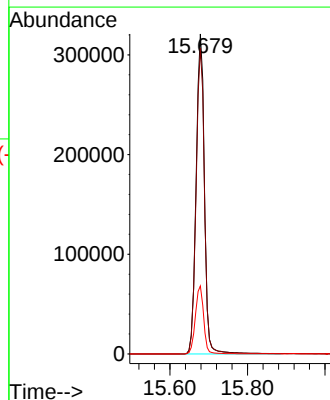
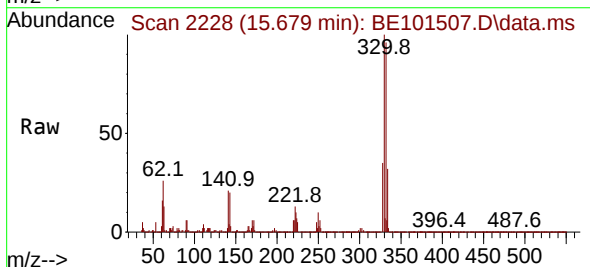
Tgt Ion:330 Resp: 476724

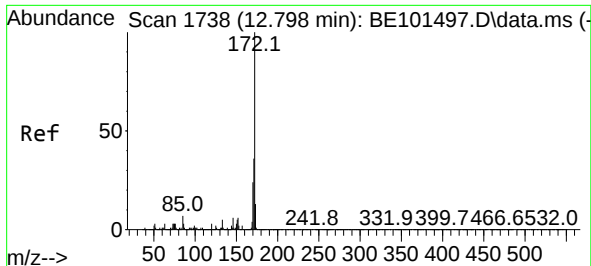
Ion Ratio Lower Upper

330 100

332 96.3 77.7 116.5

141 21.2 17.0 25.4

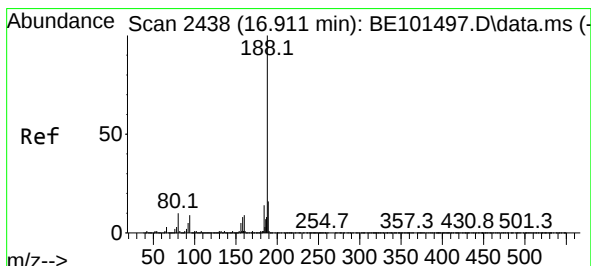
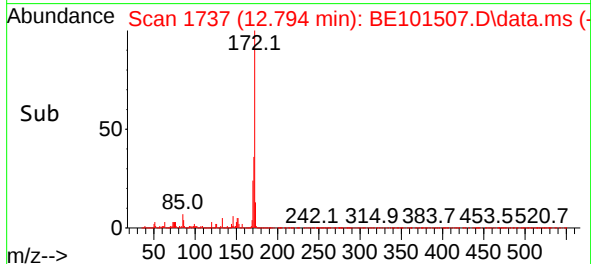
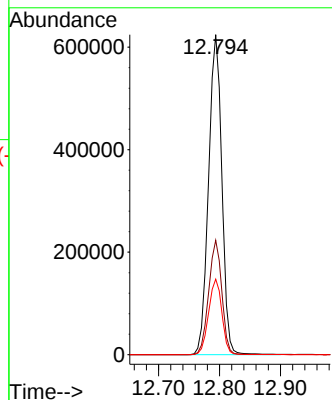
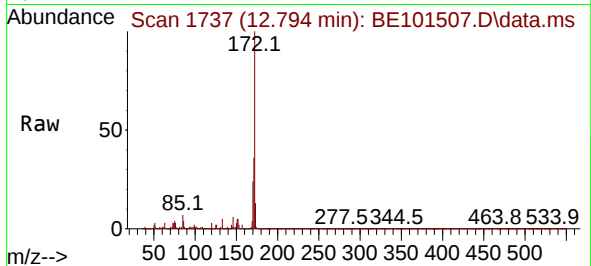




#45  
2-Fluorobiphenyl  
Concen: 111.127 ng  
RT: 12.794 min Scan# 1  
Delta R.T. -0.005 min  
Lab File: BE101507.D  
Acq: 6 Nov 2024 22:15

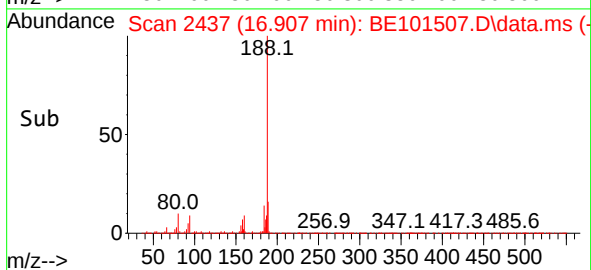
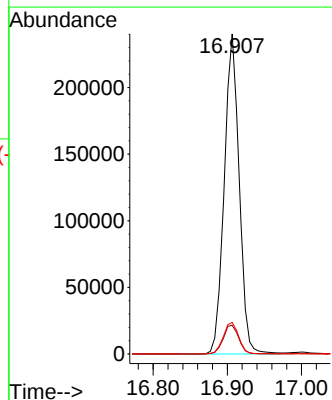
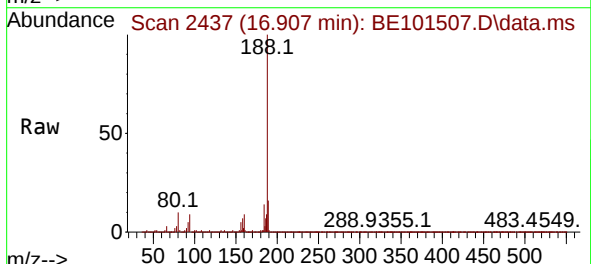
Instrument :  
BNA\_E  
ClientSampleId :  
WC-CONCRETE-01-C

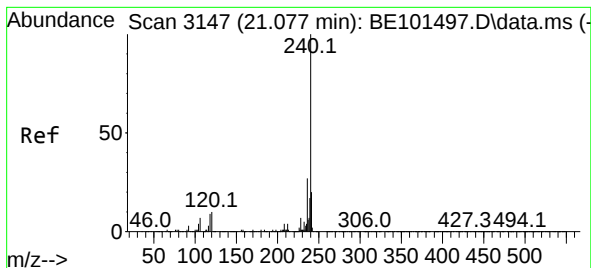
Tgt Ion:172 Resp: 946514  
Ion Ratio Lower Upper  
172 100  
171 35.8 28.6 43.0  
170 23.6 18.9 28.3



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 16.907 min Scan# 2437  
Delta R.T. -0.005 min  
Lab File: BE101507.D  
Acq: 6 Nov 2024 22:15

Tgt Ion:188 Resp: 335687  
Ion Ratio Lower Upper  
188 100  
94 9.0 7.4 11.2  
80 9.9 8.0 12.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.066 min Scan# 3147

Delta R.T. -0.010 min

Lab File: BE101507.D

Acq: 6 Nov 2024 22:15

Instrument :

BNA\_E

ClientSampleId :

WC-CONCRETE-01-C

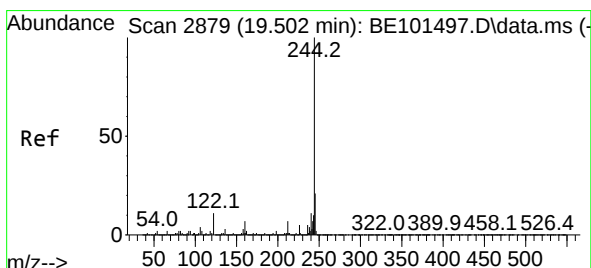
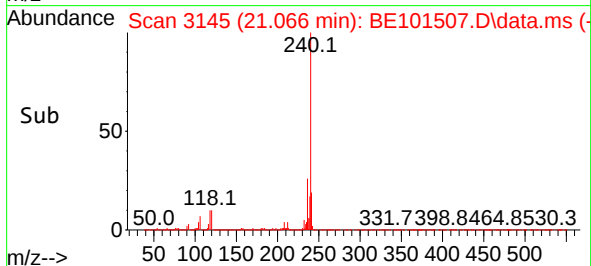
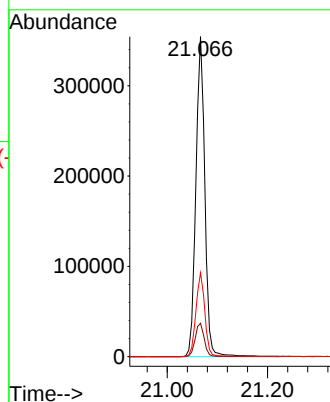
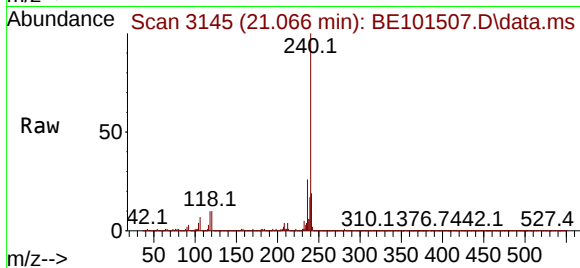
Tgt Ion:240 Resp: 438455

Ion Ratio Lower Upper

240 100

120 10.4 8.2 12.4

236 26.2 21.4 32.2



#79

Terphenyl-d14

Concen: 86.805 ng

RT: 19.498 min Scan# 2878

Delta R.T. -0.005 min

Lab File: BE101507.D

Acq: 6 Nov 2024 22:15

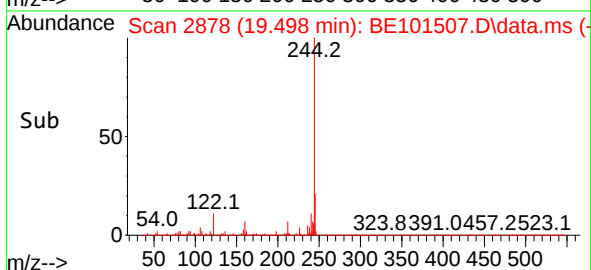
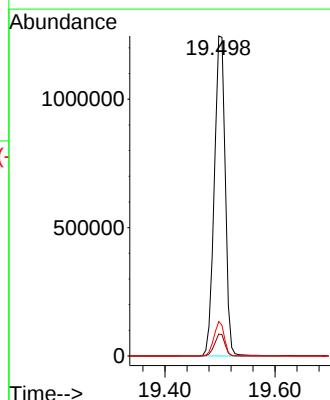
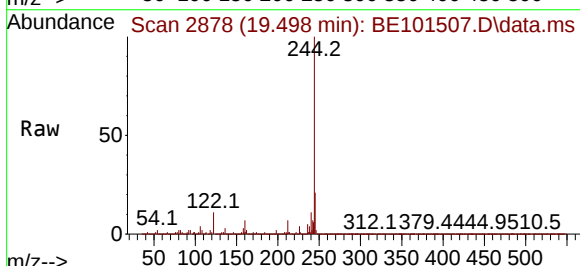
Tgt Ion:244 Resp: 1719406

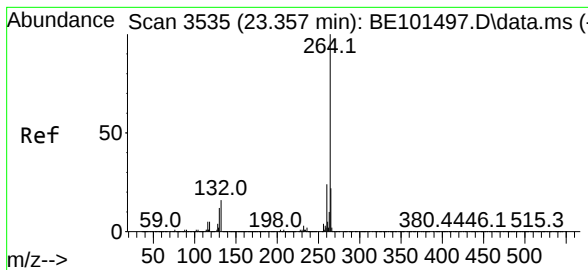
Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.8

122 10.7 8.4 12.6





#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 23.352 min Scan# 31  
 Delta R.T. -0.005 min  
 Lab File: BE101507.D  
 Acq: 6 Nov 2024 22:15

Instrument :  
 BNA\_E  
 ClientSampleId :  
 WC-CONCRETE-01-C

Tgt Ion:264 Resp: 582677  
 Ion Ratio Lower Upper  
 264 100  
 260 23.5 19.4 29.2  
 265 21.7 17.4 26.2

