

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF032125\  
 Data File : BF142026.D  
 Acq On : 21 Mar 2025 13:22  
 Operator : RC/JU  
 Sample : Q1619-01  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 CONCRETE-1

Quant Time: Mar 21 13:59:35 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF031025.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Mar 10 15:46:22 2025  
 Response via : Initial Calibration

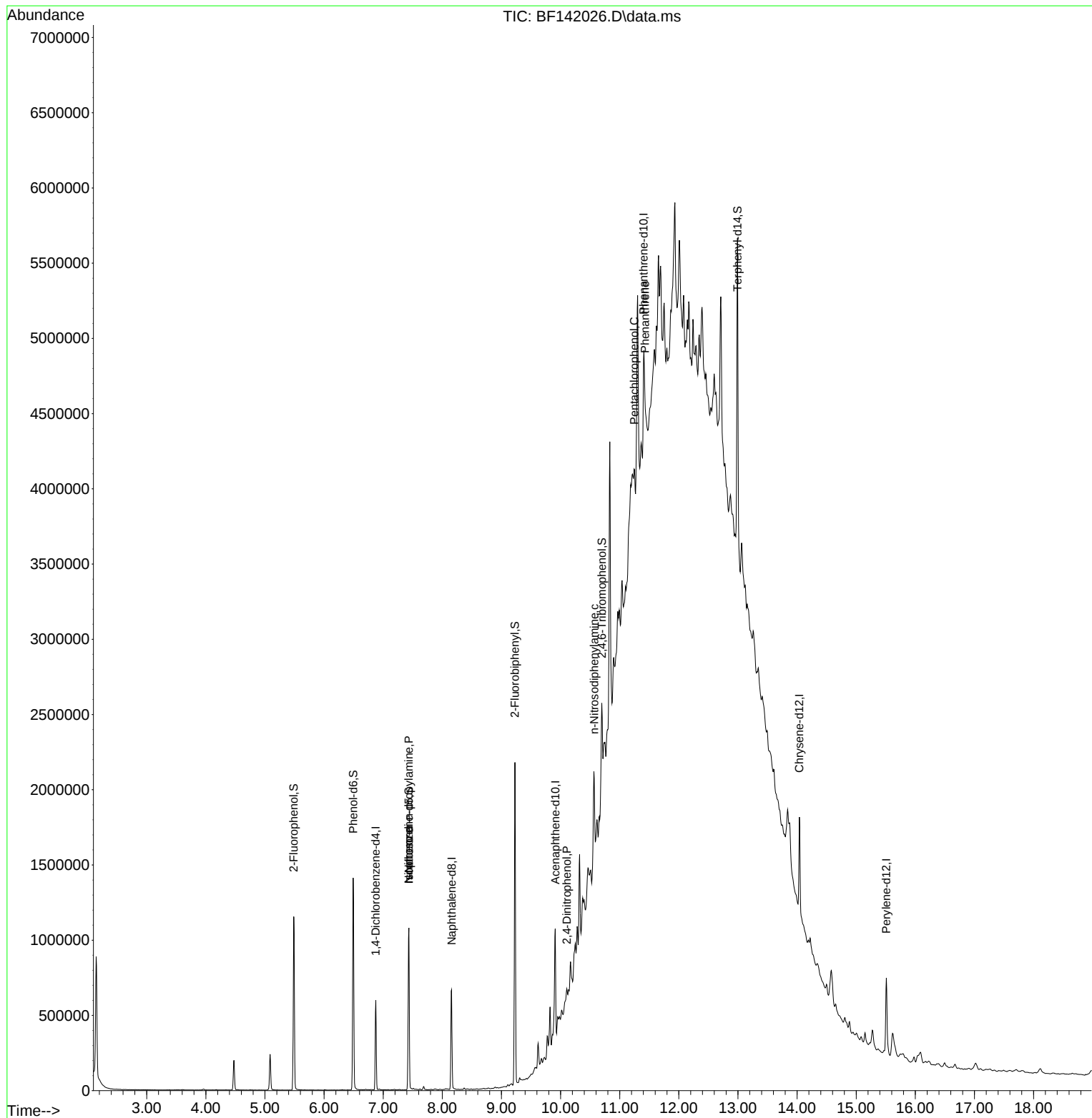
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.875  | 152  | 126398   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.157  | 136  | 443216   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.910  | 164  | 205598   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.404 | 188  | 284246   | 20.000 | ng    | # 0.00   |
| 76) Chrysene-d12              | 14.039 | 240  | 309826   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 15.510 | 264  | 311452   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.487  | 112  | 446220   | 58.919 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.492  | 99   | 665104   | 68.975 | ng    | -0.01    |
| 23) Nitrobenzene-d5           | 7.434  | 82   | 493555   | 62.668 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol      | 10.698 | 330  | 109346   | 41.923 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.228  | 172  | 923341   | 68.300 | ng    | -0.01    |
| 79) Terphenyl-d14             | 12.992 | 244  | 1053052  | 50.250 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
| 19) n-Nitroso-di-n-propyla... | 7.434  | 70   | 68234    | 11.013 | ng    | # 77     |
| 25) Isophorone                | 7.434  | 82   | 478614   | 34.379 | ng    | # 64     |
| 54) 2,4-Dinitrophenol         | 10.104 | 184  | 918      | 7.068  | ng    | # 1      |
| 66) n-Nitrosodiphenylamine    | 10.569 | 169  | 26472    | 2.878  | ng    | # 56     |
| 70) Pentachlorophenol         | 11.245 | 266  | 4997     | 2.071  | ng    | # 23     |
| 71) Phenanthrene              | 11.427 | 178  | 34139    | 2.224  | ng    | # 11     |
| -----                         |        |      |          |        |       |          |

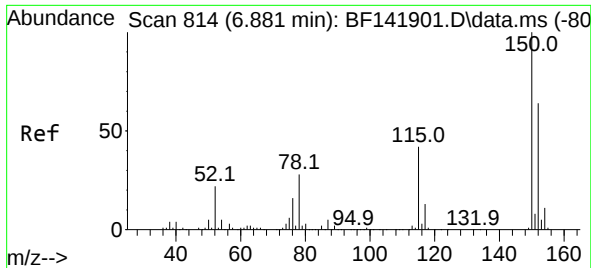
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF032125\  
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Sample : Q1619-01  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_F  
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CONCRETE-1

Quant Time: Mar 21 13:59:35 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF031025.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Mar 10 15:46:22 2025  
Response via : Initial Calibration

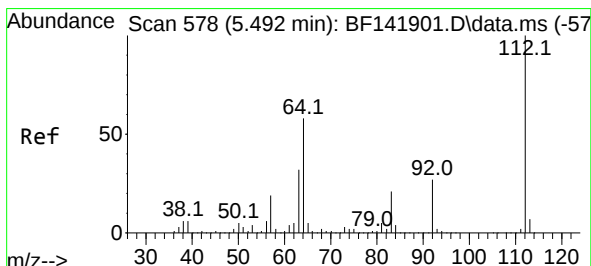
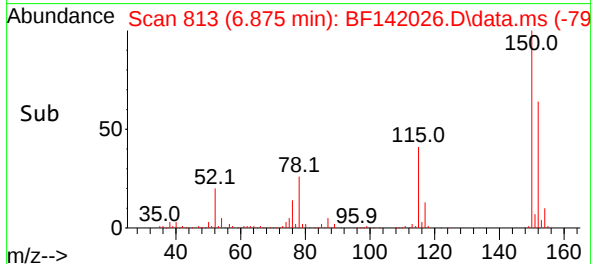
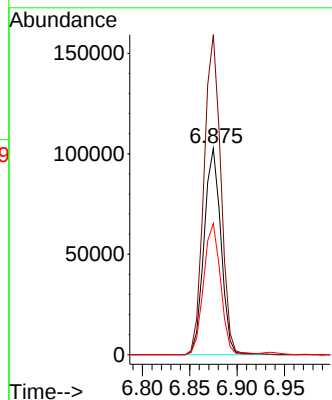
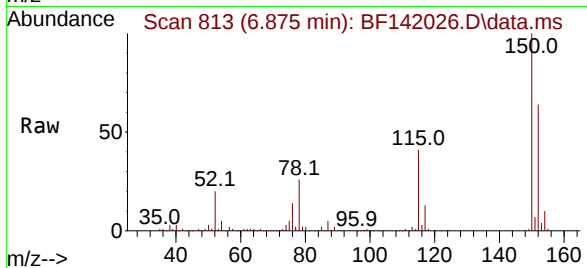




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.875 min Scan# 814  
Delta R.T. -0.006 min  
Lab File: BF142026.D  
Acq: 21 Mar 2025 13:22

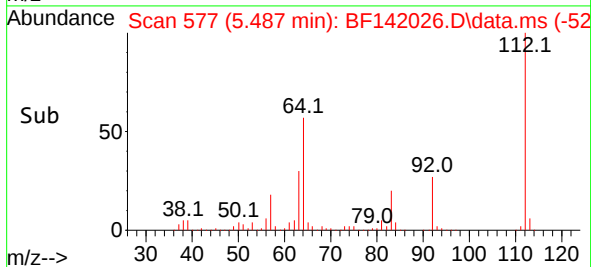
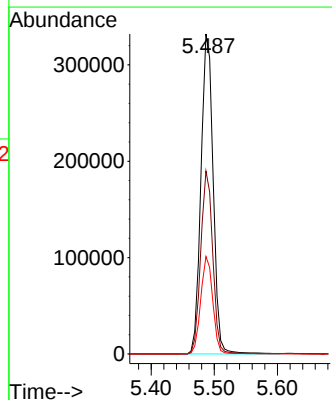
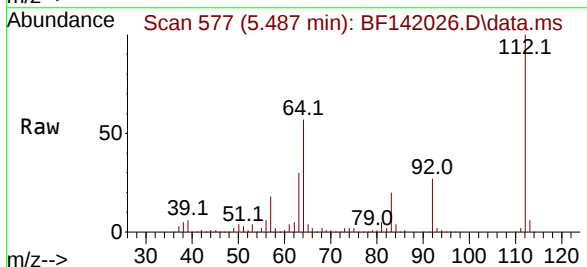
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BNA\_F  
ClientSampleId :  
CONCRETE-1

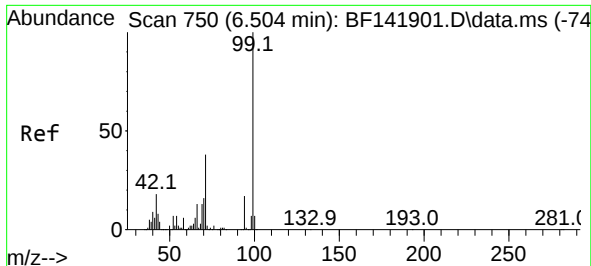
Tgt Ion:152 Resp: 126398  
Ion Ratio Lower Upper  
152 100  
150 155.1 127.4 191.2  
115 63.6 51.9 77.9



#5  
2-Fluorophenol  
Concen: 58.919 ng  
RT: 5.487 min Scan# 577  
Delta R.T. -0.006 min  
Lab File: BF142026.D  
Acq: 21 Mar 2025 13:22

Tgt Ion:112 Resp: 446220  
Ion Ratio Lower Upper  
112 100  
64 57.1 46.5 69.7  
63 30.5 25.4 38.2

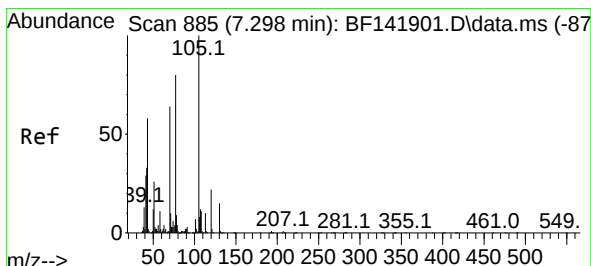
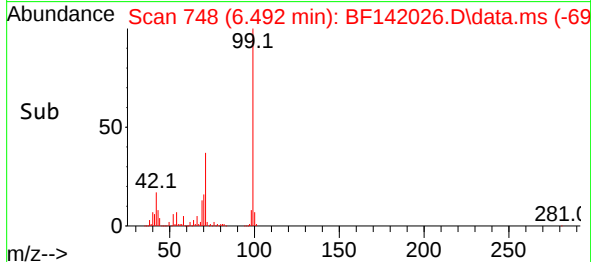
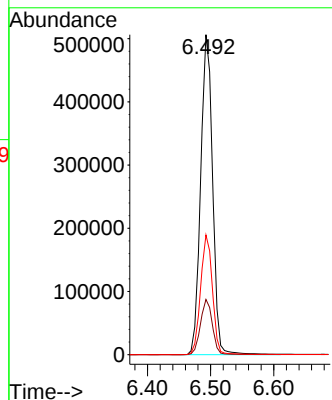
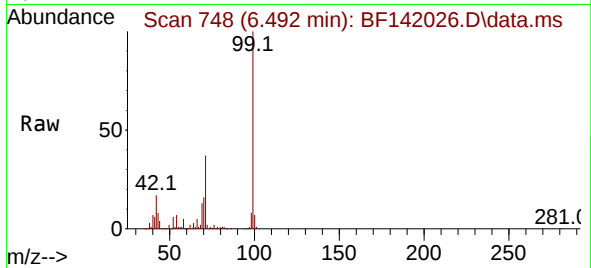




#7  
Phenol-d6  
Concen: 68.975 ng  
RT: 6.492 min Scan# 74  
Delta R.T. -0.012 min  
Lab File: BF142026.D  
Acq: 21 Mar 2025 13:22

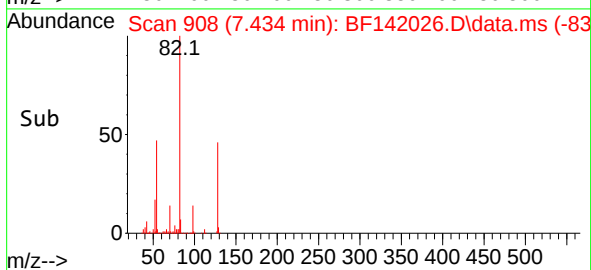
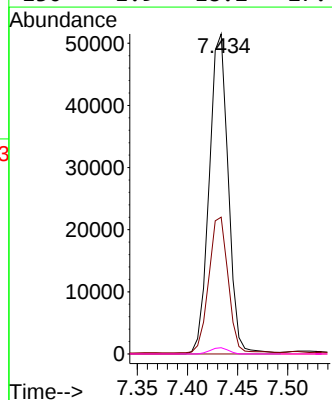
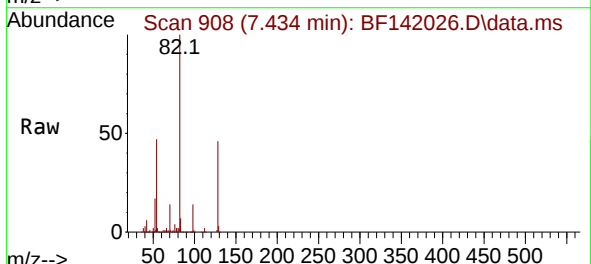
Instrument :  
BNA\_F  
ClientSampleId :  
CONCRETE-1

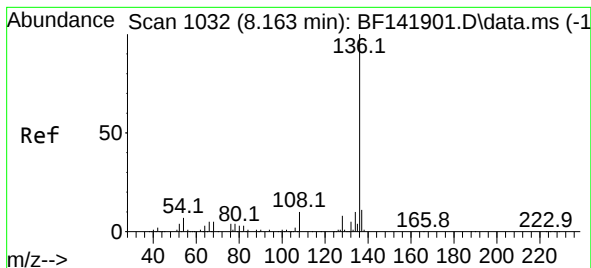
Tgt Ion: 99 Resp: 665104  
Ion Ratio Lower Upper  
99 100  
42 17.3 14.6 21.8  
71 37.4 30.8 46.2



#19  
n-Nitroso-di-n-propylamine  
Concen: 11.013 ng  
RT: 7.434 min Scan# 908  
Delta R.T. 0.135 min  
Lab File: BF142026.D  
Acq: 21 Mar 2025 13:22

Tgt Ion: 70 Resp: 68234  
Ion Ratio Lower Upper  
70 100  
42 42.8 41.4 62.0  
101 0.0 8.2 12.2#  
130 1.9 18.2 27.4#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.157 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF142026.D

Acq: 21 Mar 2025 13:22

Instrument :

BNA\_F

ClientSampleId :

CONCRETE-1

Tgt Ion:136 Resp: 443216

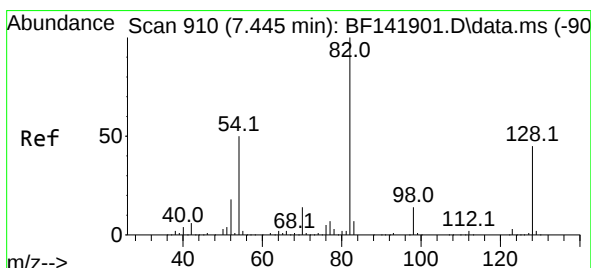
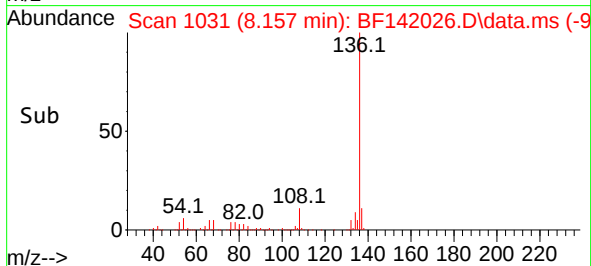
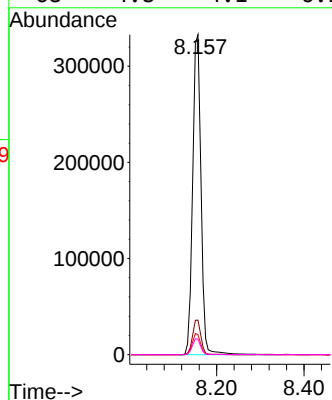
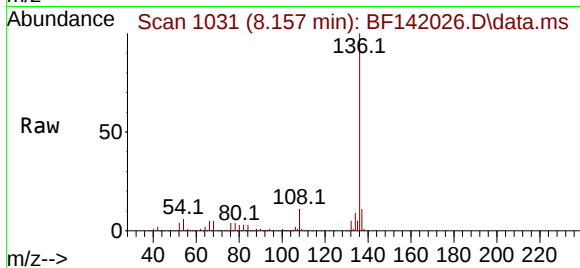
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 6.3 5.8 8.8

68 4.8 4.1 6.1



#23

Nitrobenzene-d5

Concen: 62.668 ng

RT: 7.434 min Scan# 908

Delta R.T. -0.012 min

Lab File: BF142026.D

Acq: 21 Mar 2025 13:22

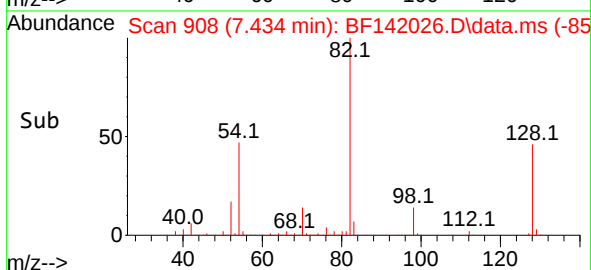
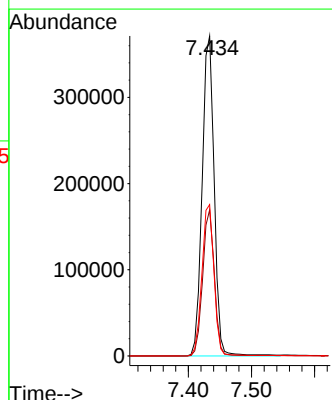
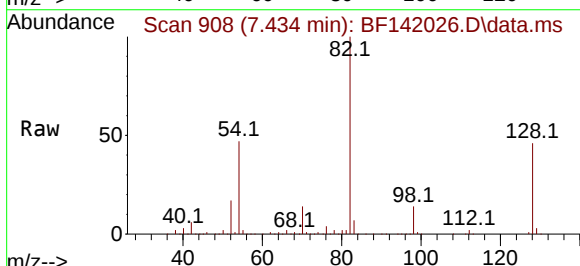
Tgt Ion: 82 Resp: 493555

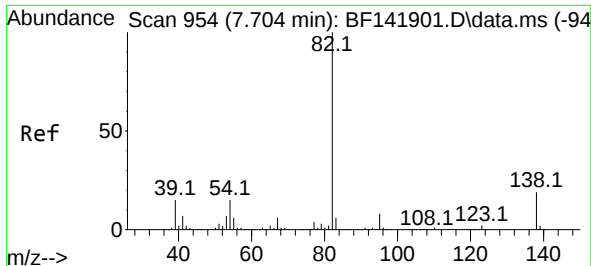
Ion Ratio Lower Upper

82 100

128 45.6 36.0 54.0

54 47.3 39.6 59.4

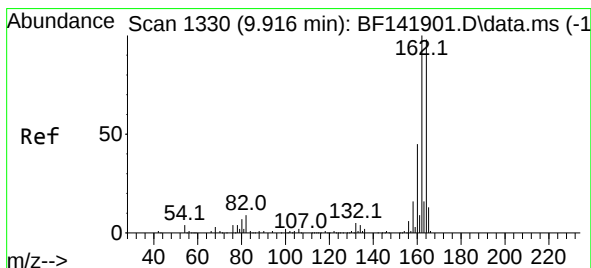
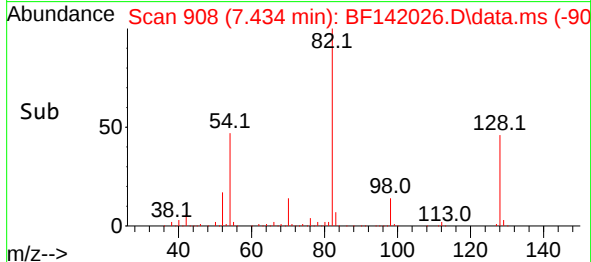
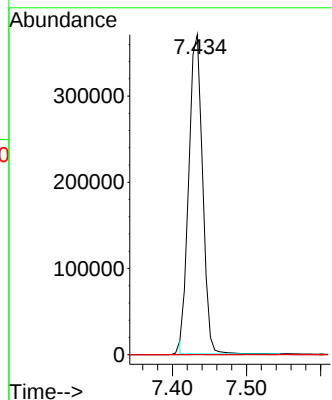
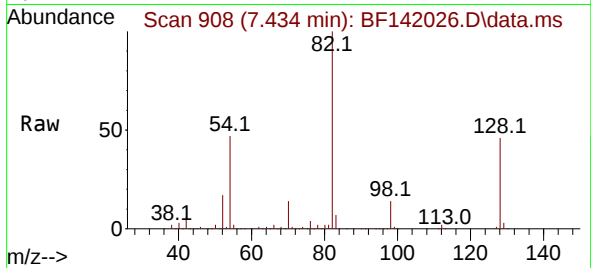




#25  
Isophorone  
Concen: 34.379 ng  
RT: 7.434 min Scan# 90  
Delta R.T. -0.270 min  
Lab File: BF142026.D  
Acq: 21 Mar 2025 13:22

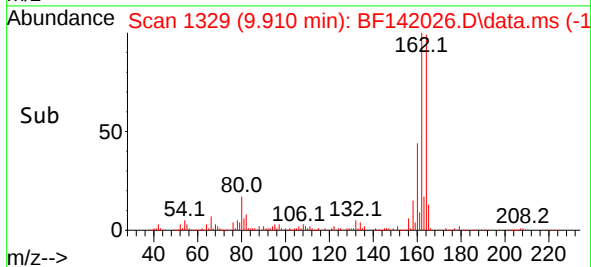
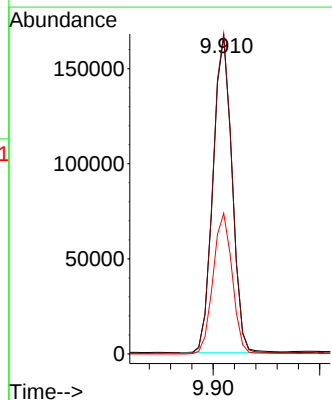
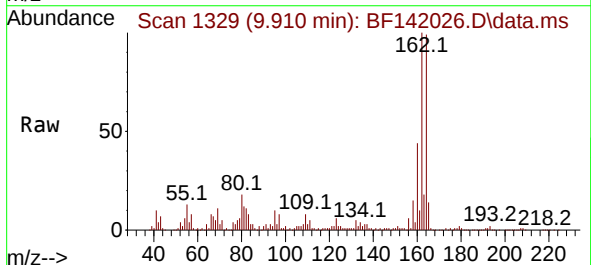
Instrument :  
BNA\_F  
ClientSampleId :  
CONCRETE-1

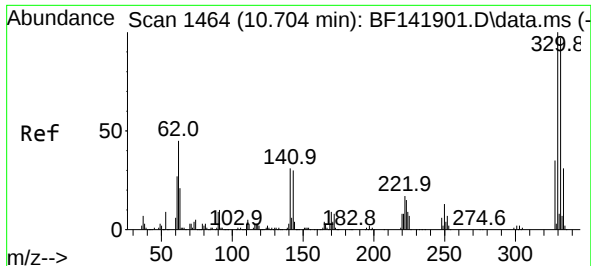
Tgt Ion: 82 Resp: 478614  
Ion Ratio Lower Upper  
82 100  
95 0.1 6.4 9.6#  
138 0.0 14.9 22.3#



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.910 min Scan# 1329  
Delta R.T. -0.006 min  
Lab File: BF142026.D  
Acq: 21 Mar 2025 13:22

Tgt Ion:164 Resp: 205598  
Ion Ratio Lower Upper  
164 100  
162 100.9 81.8 122.6  
160 44.3 36.7 55.1

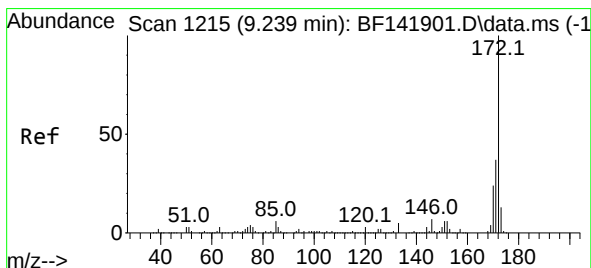
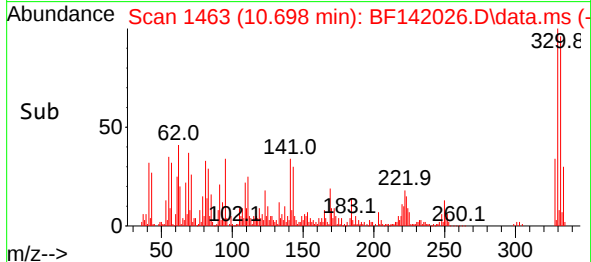
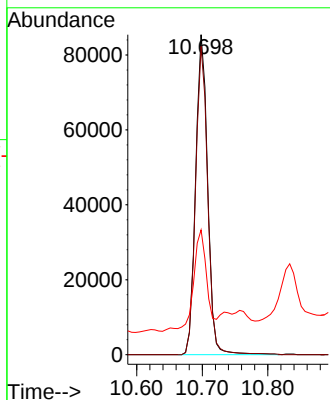
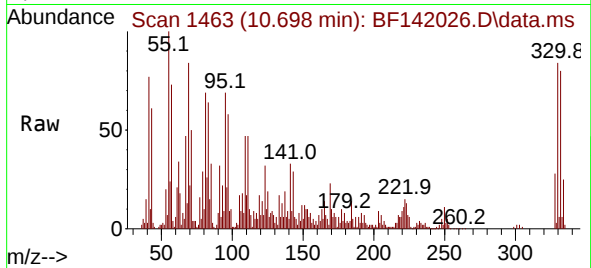




#42  
2,4,6-Tribromophenol  
Concen: 41.923 ng  
RT: 10.698 min Scan# 1464  
Delta R.T. -0.006 min  
Lab File: BF142026.D  
Acq: 21 Mar 2025 13:22

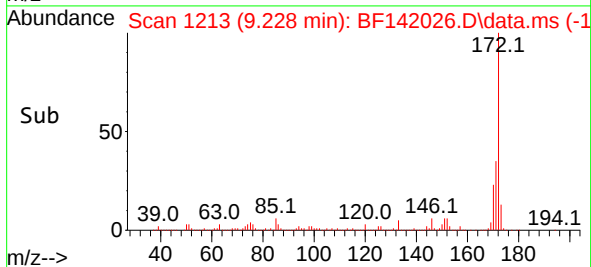
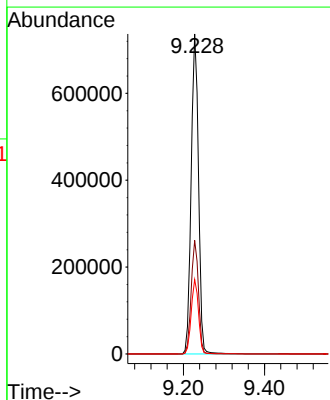
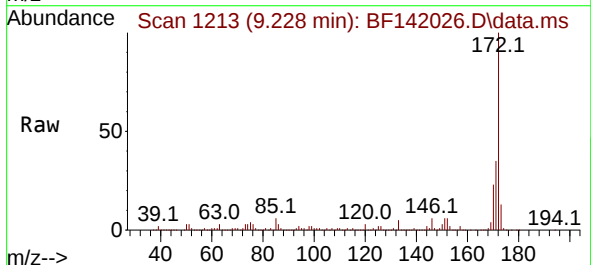
Instrument :  
BNA\_F  
ClientSampleId :  
CONCRETE-1

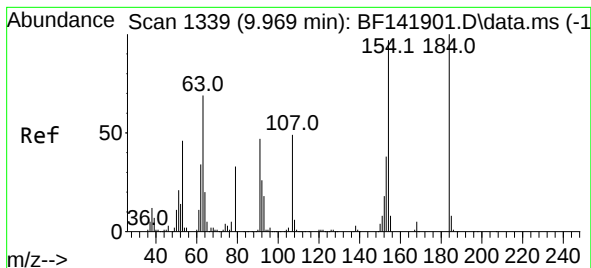
Tgt Ion:330 Resp: 109346  
Ion Ratio Lower Upper  
330 100  
332 96.8 77.6 116.4  
141 35.0 24.7 37.1



#45  
2-Fluorobiphenyl  
Concen: 68.300 ng  
RT: 9.228 min Scan# 1213  
Delta R.T. -0.012 min  
Lab File: BF142026.D  
Acq: 21 Mar 2025 13:22

Tgt Ion:172 Resp: 923341  
Ion Ratio Lower Upper  
172 100  
171 35.5 29.3 43.9  
170 23.2 19.4 29.0





#54

2,4-Dinitrophenol

Concen: 7.068 ng

RT: 10.104 min Scan# 1362

Delta R.T. 0.135 min

Lab File: BF142026.D

Acq: 21 Mar 2025 13:22

Instrument :

BNA\_F

ClientSampleId :

CONCRETE-1

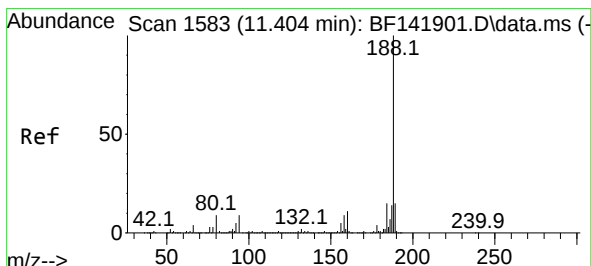
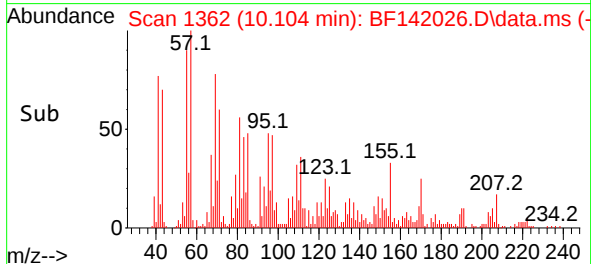
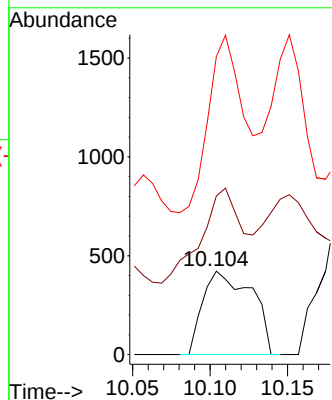
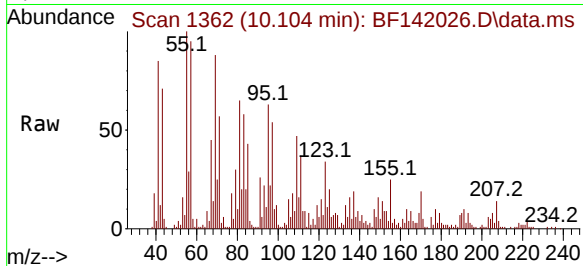
Tgt Ion:184 Resp: 918

Ion Ratio Lower Upper

184 100

63 190.0 60.2 90.4#

154 357.1 132.9 199.3#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.404 min Scan# 1583

Delta R.T. -0.000 min

Lab File: BF142026.D

Acq: 21 Mar 2025 13:22

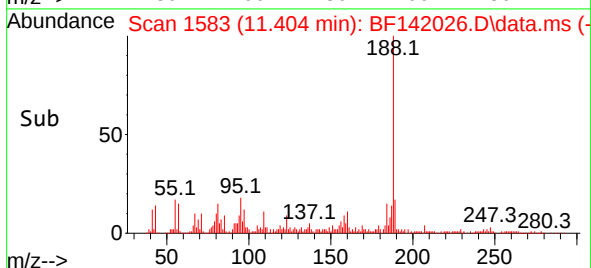
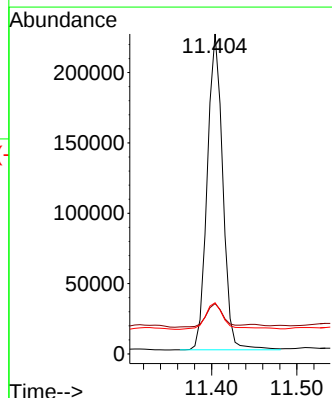
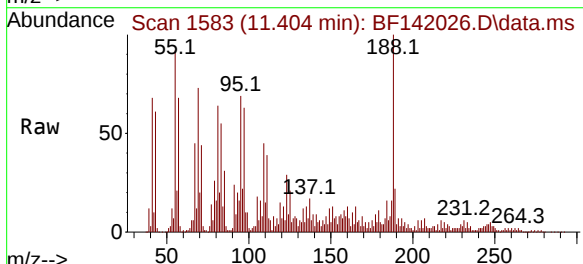
Tgt Ion:188 Resp: 284246

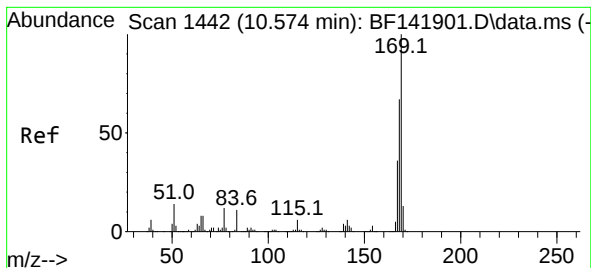
Ion Ratio Lower Upper

188 100

94 15.8 6.8 10.2#

80 16.0 7.6 11.4#





#66

n-Nitrosodiphenylamine

Concen: 2.878 ng

RT: 10.569 min Scan# 1442

Delta R.T. -0.006 min

Lab File: BF142026.D

Acq: 21 Mar 2025 13:22

Instrument :

BNA\_F

ClientSampleId :

CONCRETE-1

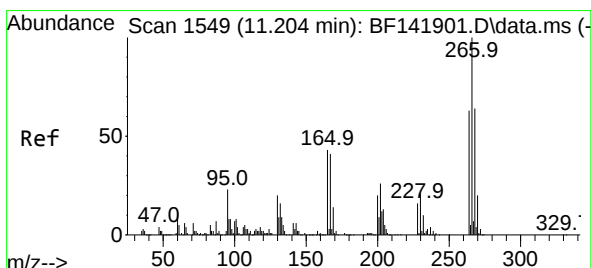
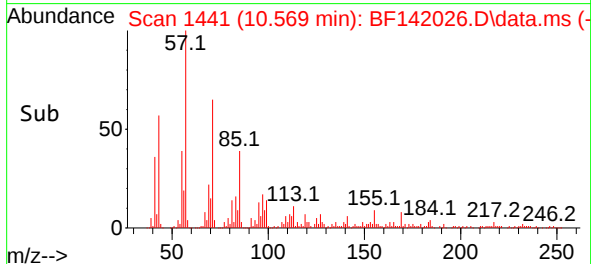
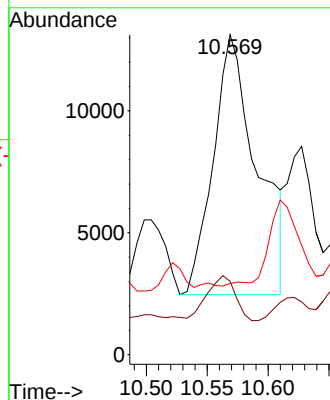
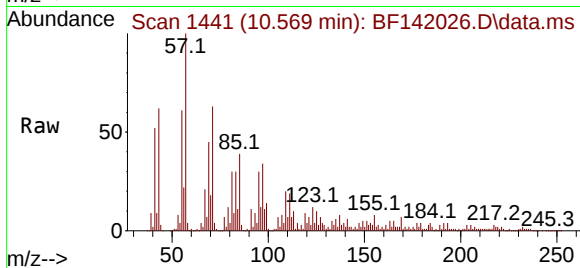
Tgt Ion:169 Resp: 26472

Ion Ratio Lower Upper

169 100

168 22.9 53.7 80.5#

167 22.3 29.2 43.8#



#70

Pentachlorophenol

Concen: 2.071 ng

RT: 11.245 min Scan# 1556

Delta R.T. 0.041 min

Lab File: BF142026.D

Acq: 21 Mar 2025 13:22

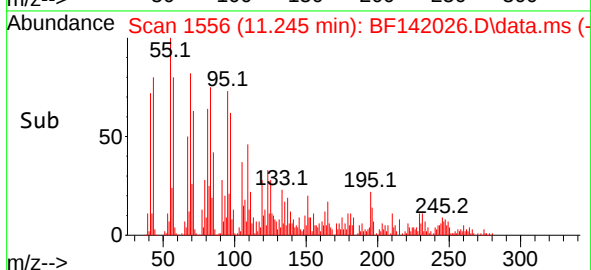
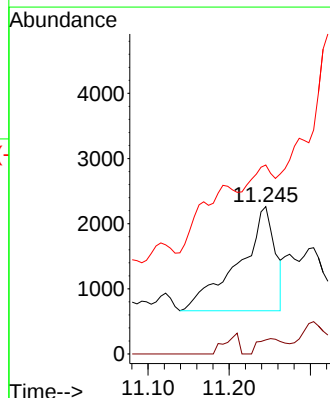
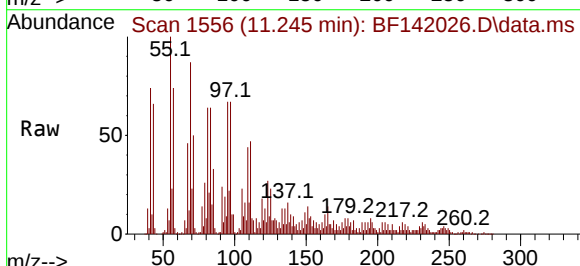
Tgt Ion:266 Resp: 4997

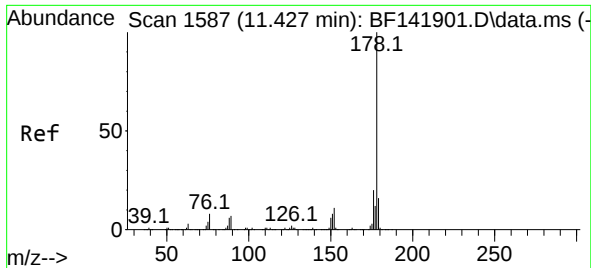
Ion Ratio Lower Upper

266 100

268 9.6 51.0 76.6#

264 128.2 50.2 75.2#

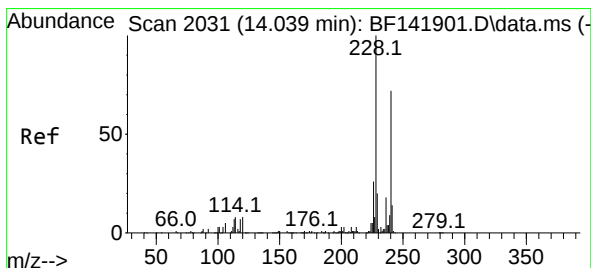
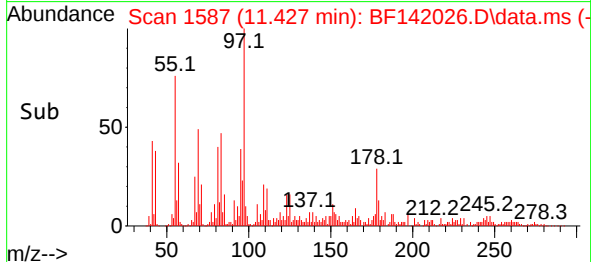
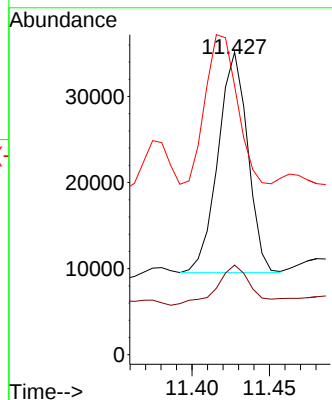
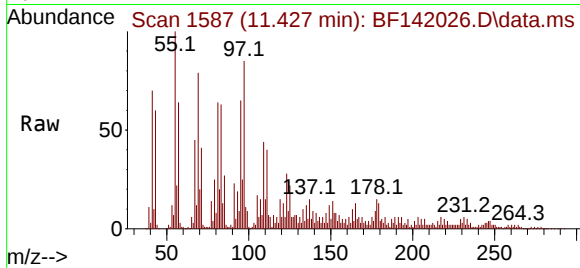




#71  
Phenanthrene  
Concen: 2.224 ng  
RT: 11.427 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF142026.D  
Acq: 21 Mar 2025 13:22

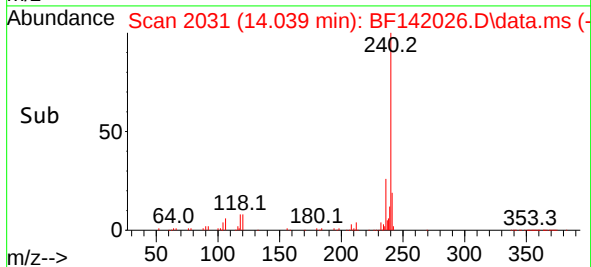
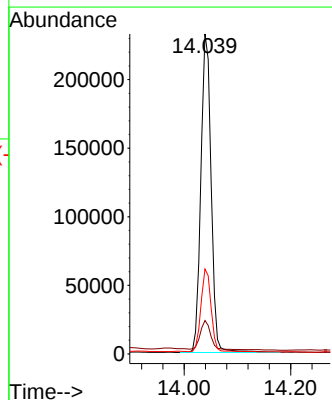
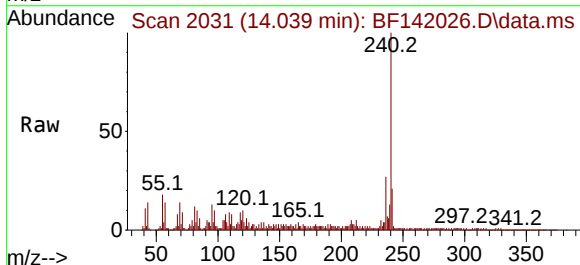
Instrument :  
BNA\_F  
ClientSampleId :  
CONCRETE-1

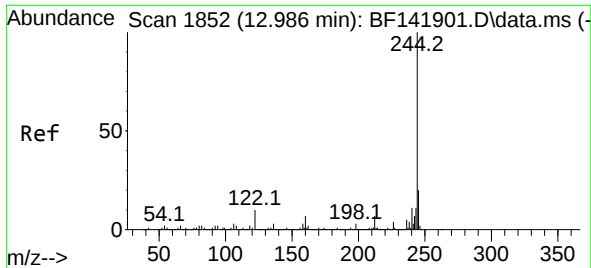
Tgt Ion:178 Resp: 34139  
Ion Ratio Lower Upper  
178 100  
176 29.6 15.8 23.8#  
179 88.9 12.6 19.0#



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.039 min Scan# 2031  
Delta R.T. 0.000 min  
Lab File: BF142026.D  
Acq: 21 Mar 2025 13:22

Tgt Ion:240 Resp: 309826  
Ion Ratio Lower Upper  
240 100  
120 10.4 8.4 12.6  
236 26.5 20.5 30.7

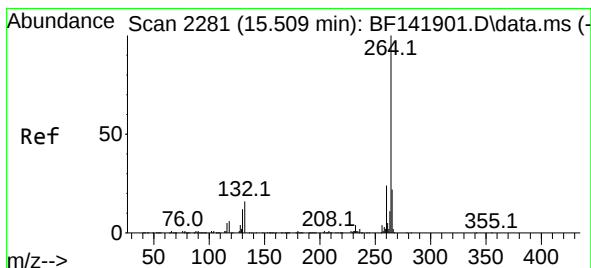
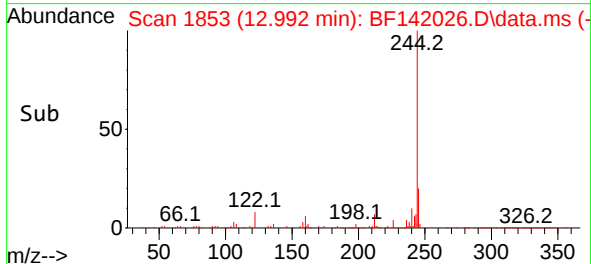
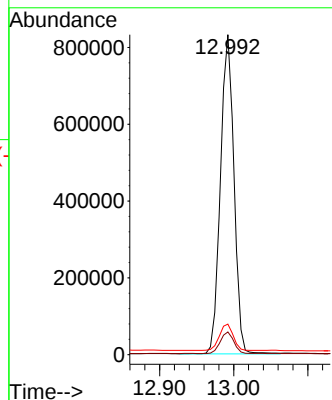
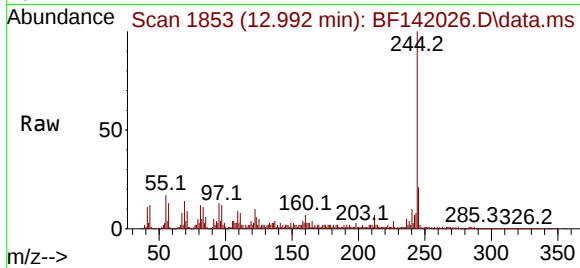




#79  
 Terphenyl-d14  
 Concen: 50.250 ng  
 RT: 12.992 min Scan# 1853  
 Delta R.T. 0.006 min  
 Lab File: BF142026.D  
 Acq: 21 Mar 2025 13:22

Instrument :  
 BNA\_F  
 ClientSampleId :  
 CONCRETE-1

Tgt Ion:244 Resp: 1053052  
 Ion Ratio Lower Upper  
 244 100  
 212 7.1 6.0 9.0  
 122 9.5 7.7 11.5



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.510 min Scan# 2281  
 Delta R.T. 0.000 min  
 Lab File: BF142026.D  
 Acq: 21 Mar 2025 13:22

Tgt Ion:264 Resp: 311452  
 Ion Ratio Lower Upper  
 264 100  
 260 23.4 19.1 28.7  
 265 21.5 17.5 26.3

