

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF031722\  
 Data File : BF127375.D  
 Acq On : 17 Mar 2022 14:49  
 Operator : CG\JU  
 Sample : N1982-03  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 CONCRETE-B

Quant Time: Mar 17 16:23:06 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF031022.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Mar 10 16:51:53 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.863  | 152  | 95747    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.151  | 136  | 366170   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.904  | 164  | 180195   | 20.000 | ng    | -0.01    |
| 64) Phenanthrene-d10        | 11.398 | 188  | 262803   | 20.000 | ng    | # 0.00   |
| 76) Chrysene-d12            | 14.045 | 240  | 178324   | 20.000 | ng    | # 0.00   |
| 86) Perylene-d12            | 15.533 | 264  | 133537   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.493  | 112  | 449139   | 75.409 | ng    | 0.00     |
| 7) Phenol-d6                | 6.498  | 99   | 677245   | 82.657 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.434  | 82   | 480343   | 54.175 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.698 | 330  | 100982   | 52.058 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl        | 9.228  | 172  | 791154   | 62.073 | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.986 | 244  | 595656   | 57.518 | ng    | 0.00     |

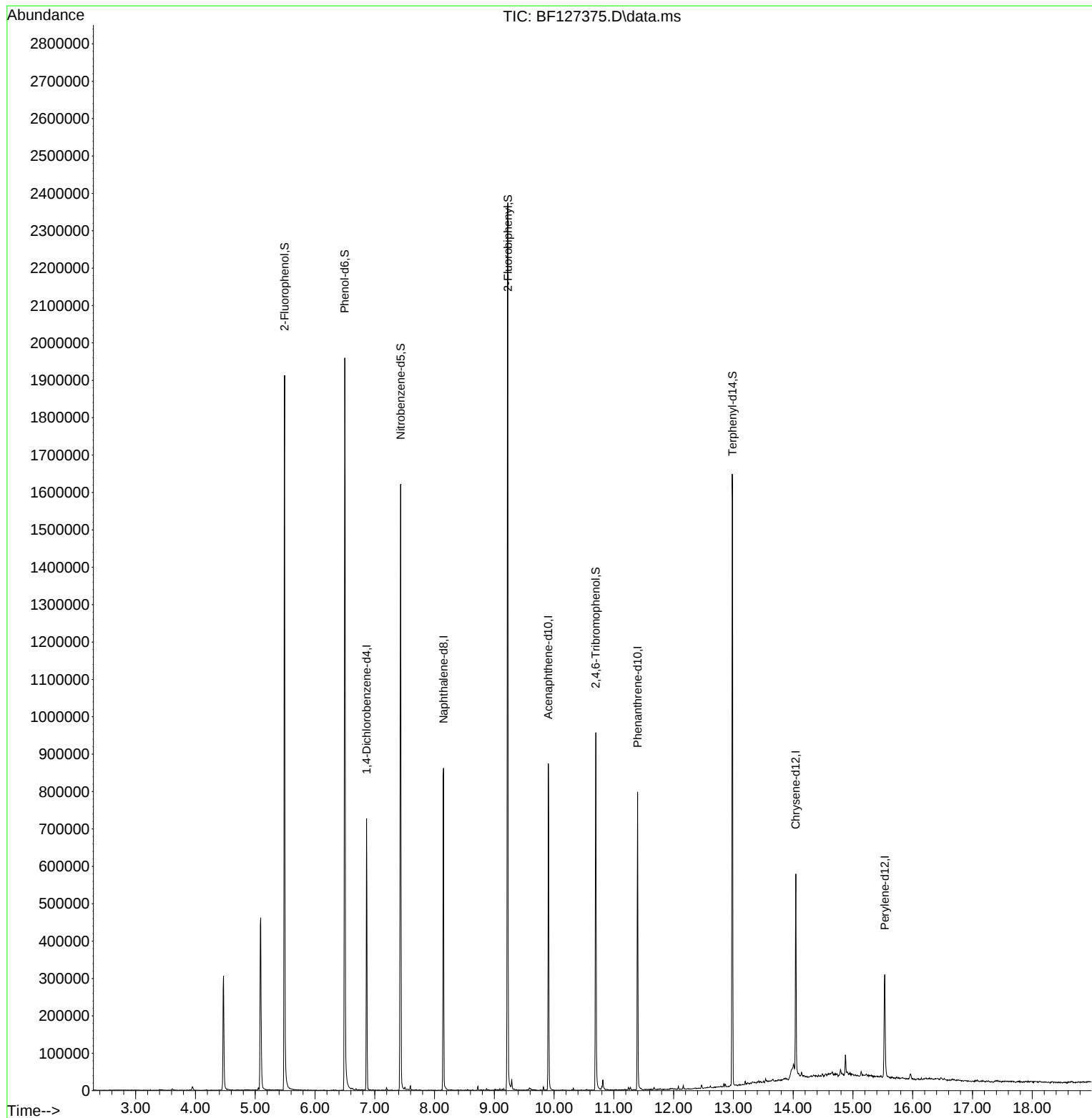
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF031722\  
Data File : BF127375.D  
Acq On : 17 Mar 2022 14:49  
Operator : CG\JU  
Sample : N1982-03  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
CONCRETE-B

Quant Time: Mar 17 16:23:06 2022  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF031022.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Mar 10 16:51:53 2022  
Response via : Initial Calibration

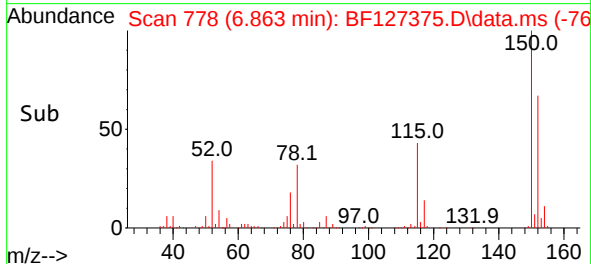
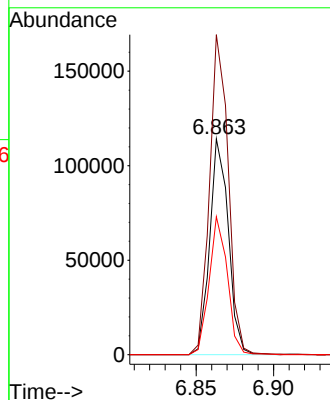
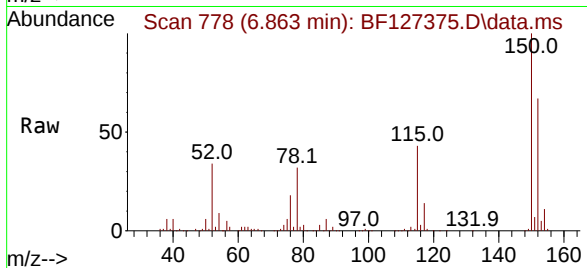




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.863 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BF127375.D  
Acq: 17 Mar 2022 14:49

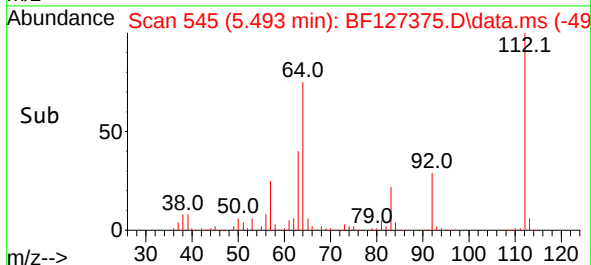
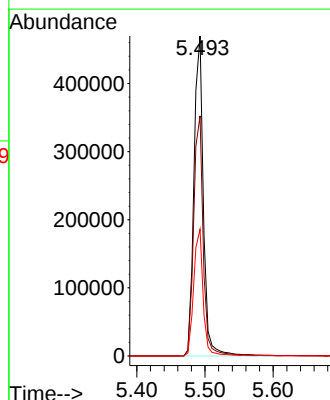
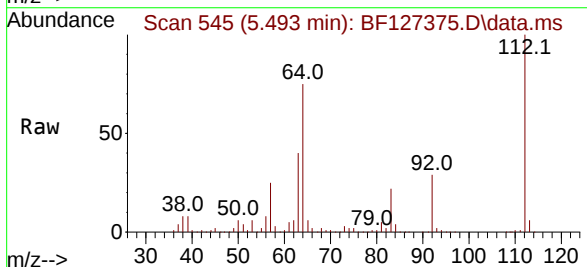
Instrument :  
BNA\_F  
ClientSampleId :  
CONCRETE-B

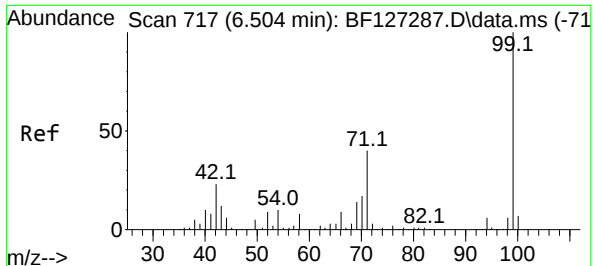
Tgt Ion:152 Resp: 95747  
Ion Ratio Lower Upper  
152 100  
150 148.3 128.1 192.1  
115 63.9 56.7 85.1



#5  
2-Fluorophenol  
Concen: 75.409 ng  
RT: 5.493 min Scan# 545  
Delta R.T. -0.000 min  
Lab File: BF127375.D  
Acq: 17 Mar 2022 14:49

Tgt Ion:112 Resp: 449139  
Ion Ratio Lower Upper  
112 100  
64 75.1 49.5 74.3#  
63 39.6 23.9 35.9#

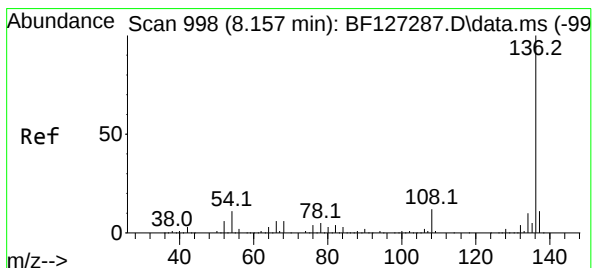
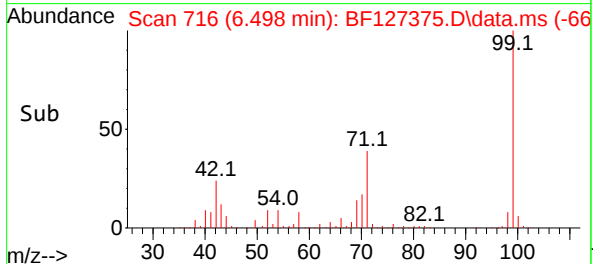
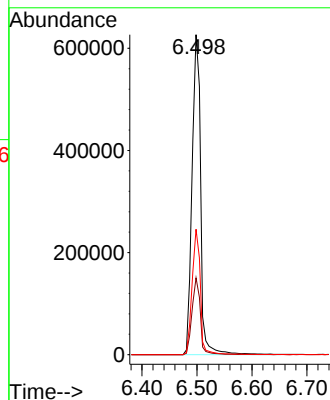
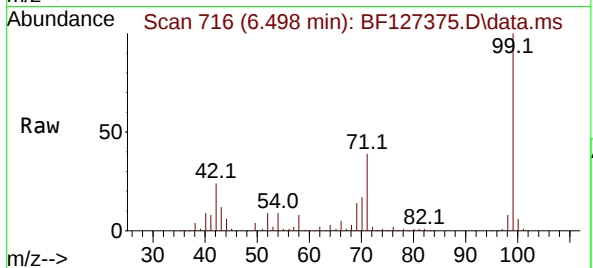




#7  
Phenol-d6  
Concen: 82.657 ng  
RT: 6.498 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BF127375.D  
Acq: 17 Mar 2022 14:49

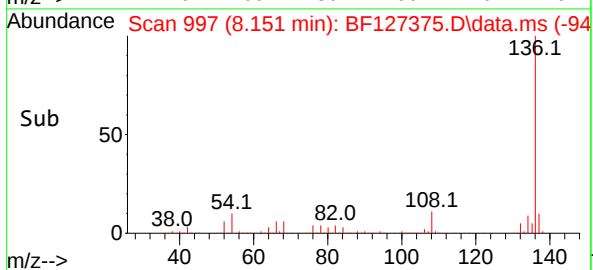
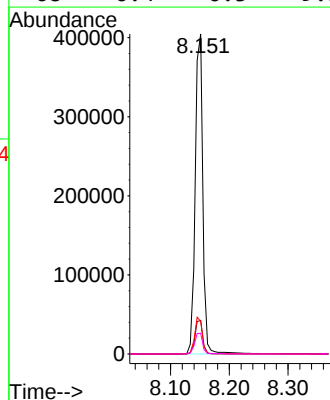
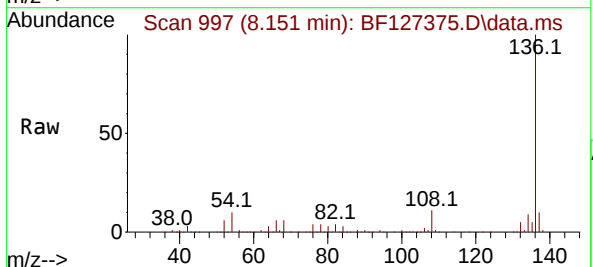
Instrument :  
BNA\_F  
ClientSampleId :  
CONCRETE-B

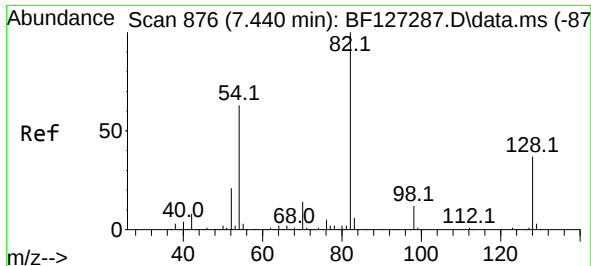
Tgt Ion: 99 Resp: 677245  
Ion Ratio Lower Upper  
99 100  
42 24.0 14.2 21.4#  
71 39.2 24.3 36.5#



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.151 min Scan# 997  
Delta R.T. -0.006 min  
Lab File: BF127375.D  
Acq: 17 Mar 2022 14:49

Tgt Ion: 136 Resp: 366170  
Ion Ratio Lower Upper  
136 100  
137 10.5 8.6 13.0  
54 10.2 7.8 11.6  
68 6.4 6.3 9.5





#23

Nitrobenzene-d5

Concen: 54.175 ng

RT: 7.434 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF127375.D

Acq: 17 Mar 2022 14:49

Instrument :

BNA\_F

ClientSampleId :

CONCRETE-B

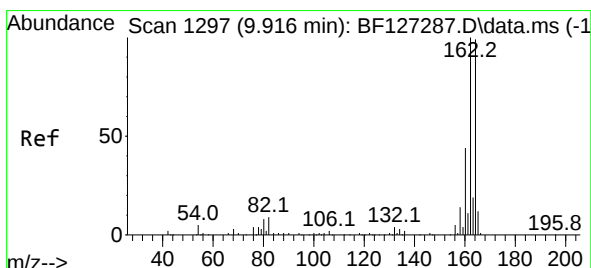
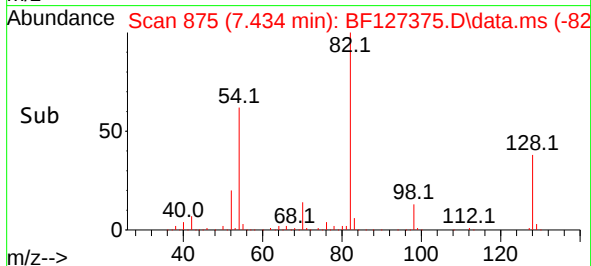
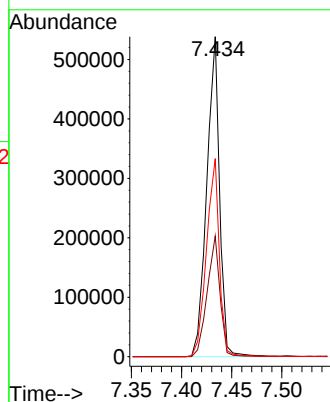
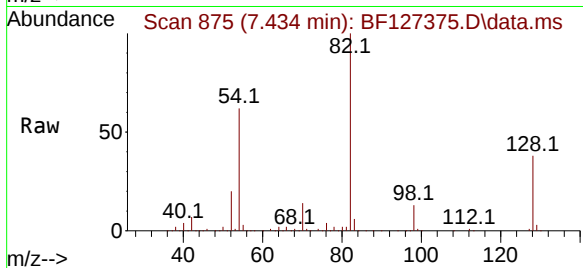
Tgt Ion: 82 Resp: 480343

Ion Ratio Lower Upper

82 100

128 37.7 32.7 49.1

54 61.9 41.7 62.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 1295

Delta R.T. -0.012 min

Lab File: BF127375.D

Acq: 17 Mar 2022 14:49

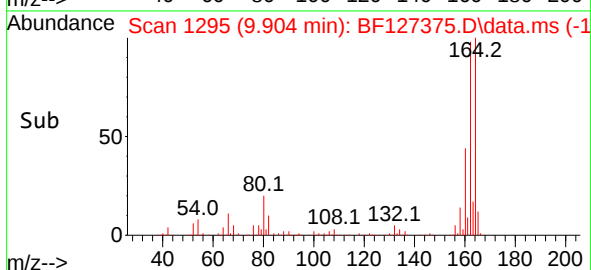
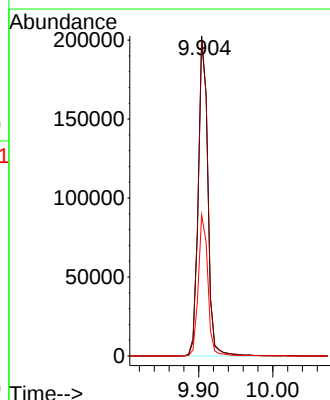
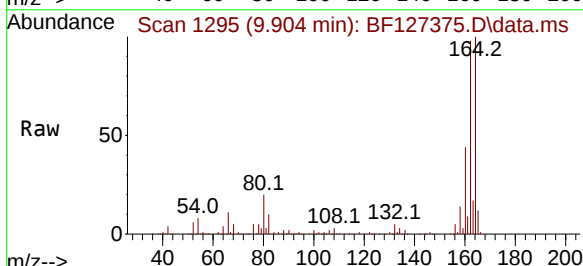
Tgt Ion:164 Resp: 180195

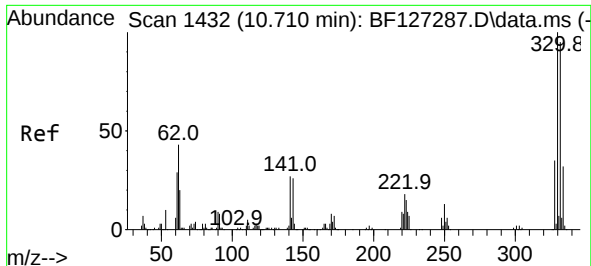
Ion Ratio Lower Upper

164 100

162 98.4 81.4 122.0

160 44.1 36.6 54.8

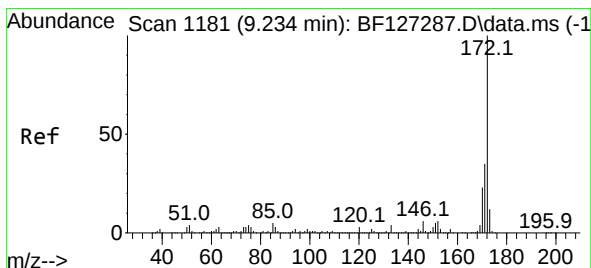
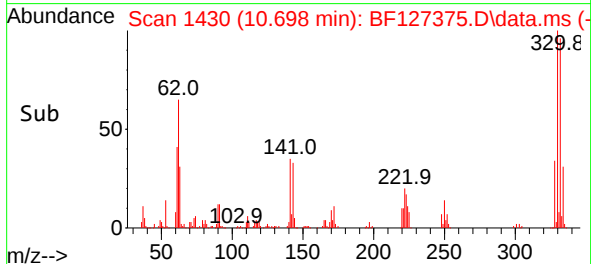
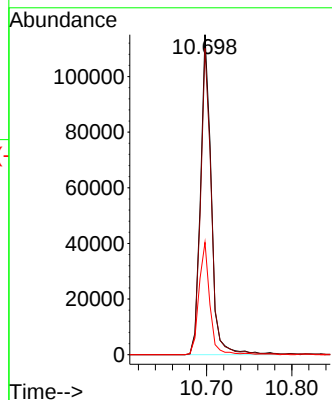
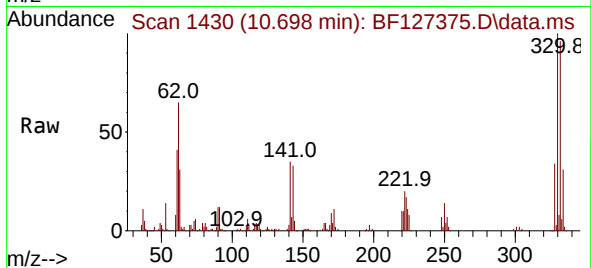




#42  
2,4,6-Tribromophenol  
Concen: 52.058 ng  
RT: 10.698 min Scan# 1430  
Delta R.T. -0.012 min  
Lab File: BF127375.D  
Acq: 17 Mar 2022 14:49

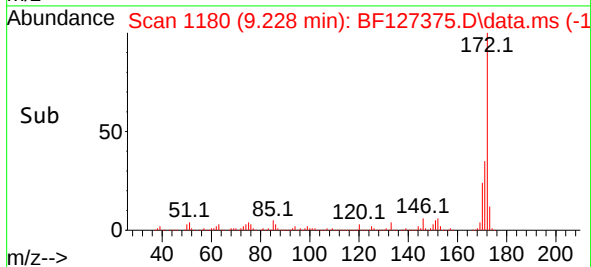
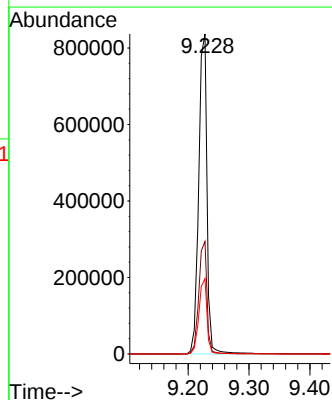
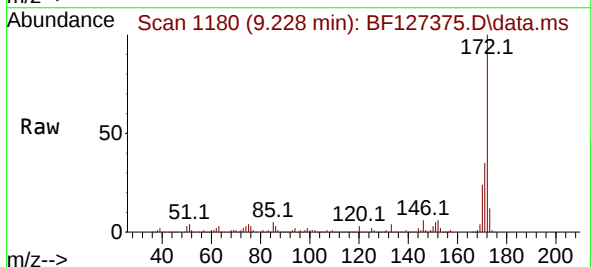
Instrument :  
BNA\_F  
ClientSampleId :  
CONCRETE-B

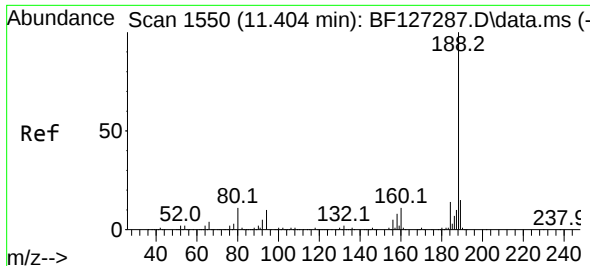
Tgt Ion:330 Resp: 100982  
Ion Ratio Lower Upper  
330 100  
332 96.1 76.0 114.0  
141 35.4 30.1 45.1



#45  
2-Fluorobiphenyl  
Concen: 62.073 ng  
RT: 9.228 min Scan# 1180  
Delta R.T. -0.006 min  
Lab File: BF127375.D  
Acq: 17 Mar 2022 14:49

Tgt Ion:172 Resp: 791154  
Ion Ratio Lower Upper  
172 100  
171 35.2 28.3 42.5  
170 23.5 19.0 28.6

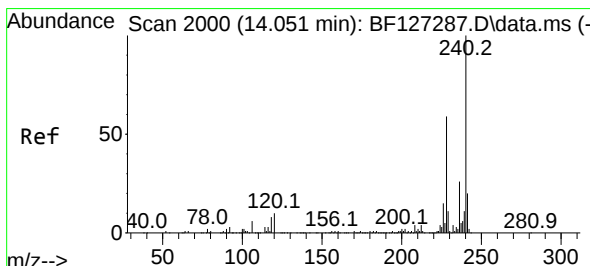
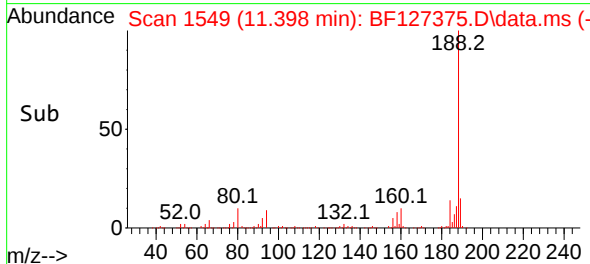
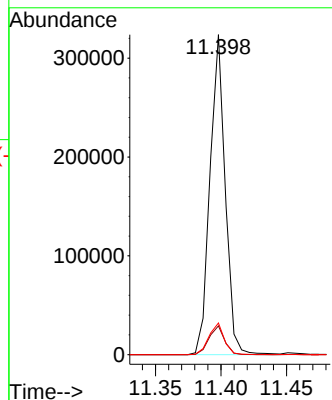
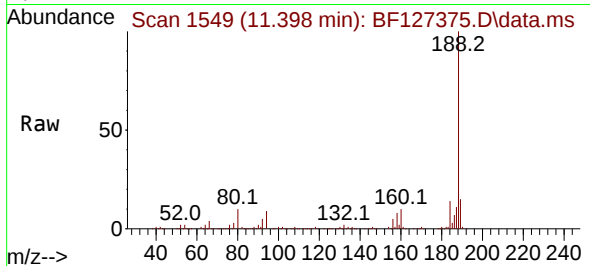




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.398 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF127375.D  
Acq: 17 Mar 2022 14:49

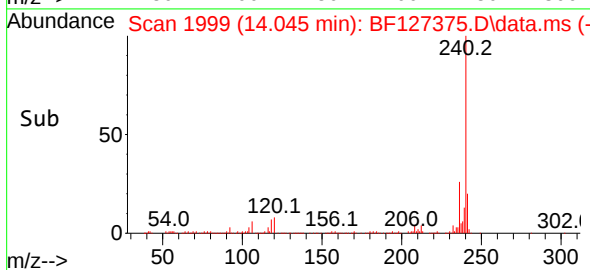
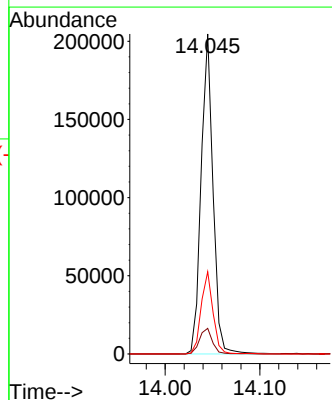
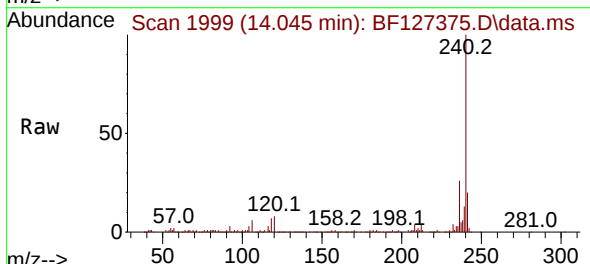
Instrument :  
BNA\_F  
ClientSampleId :  
CONCRETE-B

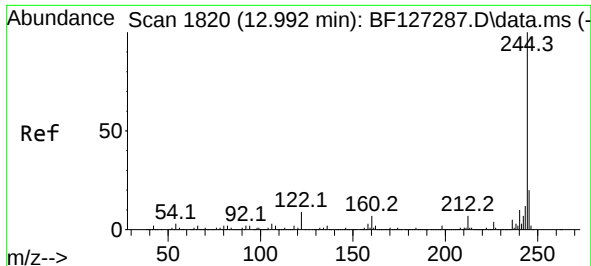
Tgt Ion:188 Resp: 262803  
Ion Ratio Lower Upper  
188 100  
94 9.0 10.1 15.1#  
80 9.9 11.8 17.6#



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.045 min Scan# 1999  
Delta R.T. -0.006 min  
Lab File: BF127375.D  
Acq: 17 Mar 2022 14:49

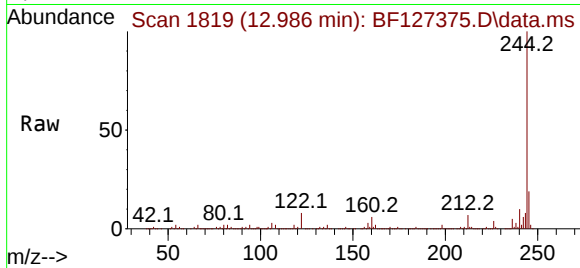
Tgt Ion:240 Resp: 178324  
Ion Ratio Lower Upper  
240 100  
120 8.0 14.4 21.6#  
236 25.7 20.5 30.7



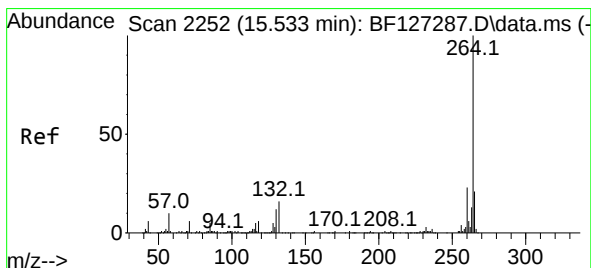
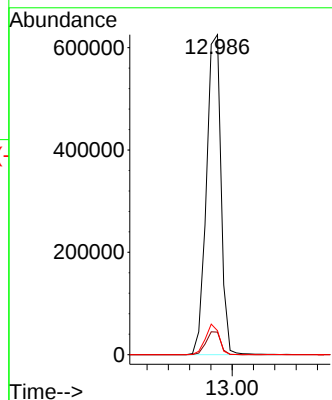
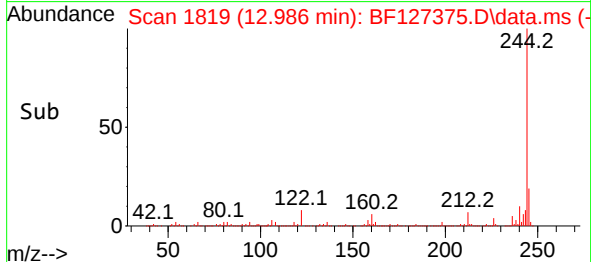


#79  
 Terphenyl-d14  
 Concen: 57.518 ng  
 RT: 12.986 min Scan# 1819  
 Delta R.T. -0.006 min  
 Lab File: BF127375.D  
 Acq: 17 Mar 2022 14:49

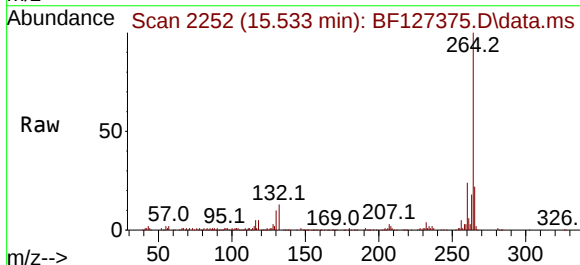
Instrument :  
 BNA\_F  
 ClientSampleId :  
 CONCRETE-B



Tgt Ion:244 Resp: 595656  
 Ion Ratio Lower Upper  
 244 100  
 212 7.1 5.0 7.4  
 122 7.5 13.3 19.9#



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.533 min Scan# 2252  
 Delta R.T. -0.000 min  
 Lab File: BF127375.D  
 Acq: 17 Mar 2022 14:49



Tgt Ion:264 Resp: 133537  
 Ion Ratio Lower Upper  
 264 100  
 260 24.4 19.2 28.8  
 265 21.9 17.4 26.2

