

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF062221\  
 Data File : BF124420.D  
 Acq On : 22 Jun 2021 19:33  
 Operator : JU/CG  
 Sample : M2789-13  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 CONCRETE-SLAB-1-2

Quant Time: Jun 23 02:51:12 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF060321.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jun 15 20:09:26 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.781  | 152  | 45315    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.063  | 136  | 179559   | 20.000 | ng    | -0.01    |
| 39) Acenaphthene-d10        | 9.822  | 164  | 118372   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.310 | 188  | 212313   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12            | 13.962 | 240  | 100807   | 20.000 | ng    | # 0.00   |
| 86) Perylene-d12            | 15.427 | 264  | 86780    | 20.000 | ng    | 0.01     |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.410  | 112  | 87744    | 29.148 | ng    | 0.00     |
| 7) Phenol-d6                | 6.428  | 99   | 178741   | 44.174 | ng    | -0.02    |
| 23) Nitrobenzene-d5         | 7.351  | 82   | 221038   | 48.823 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.616 | 330  | 27735    | 16.538 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.145  | 172  | 493296   | 52.440 | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.904 | 244  | 497787   | 67.797 | ng    | 0.00     |

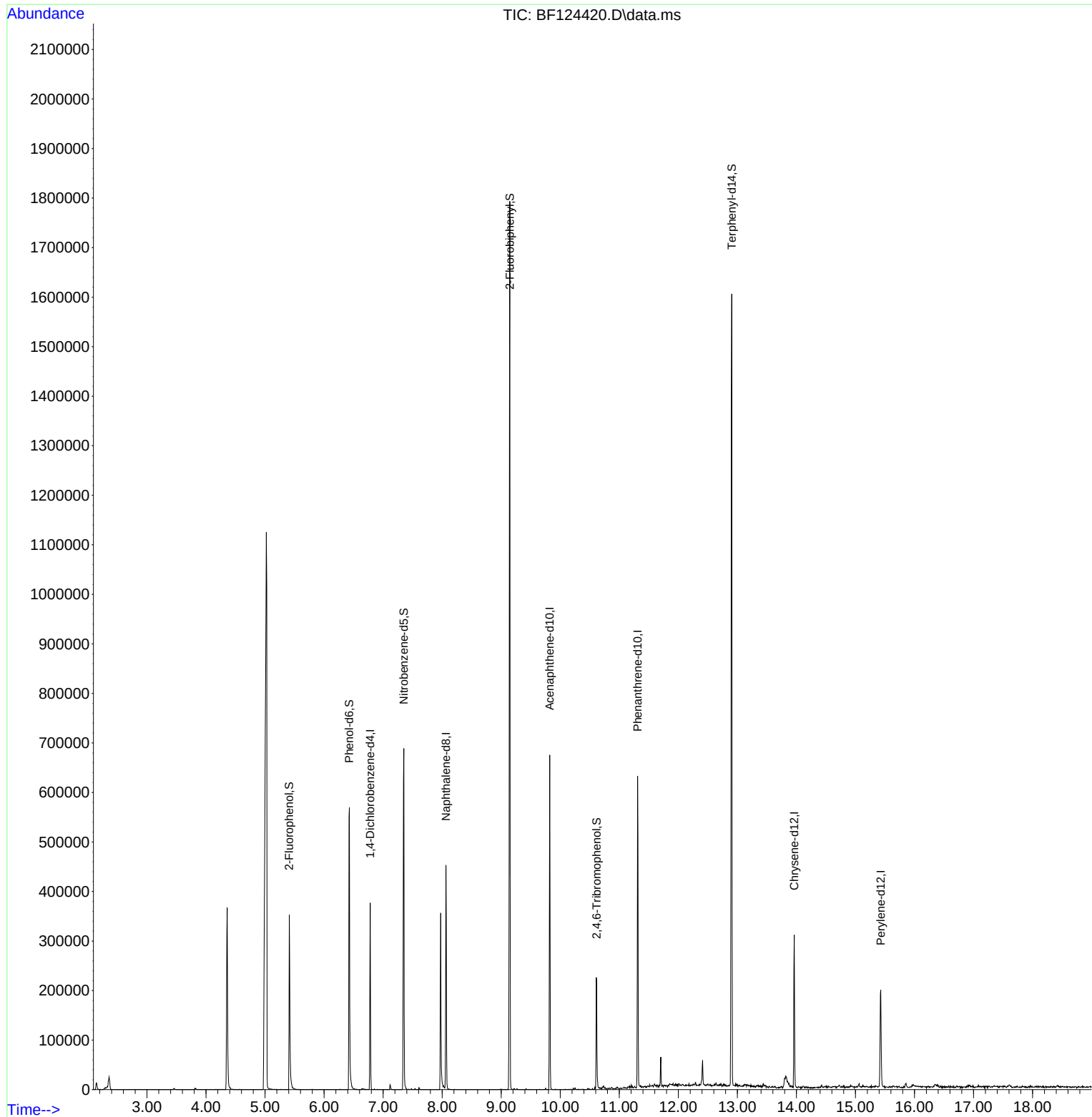
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

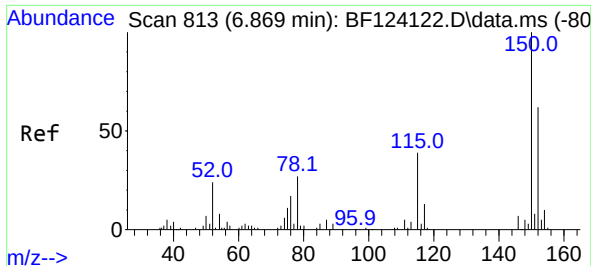
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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CONCRETE-SLAB-1-2

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF060321.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Jun 15 20:09:26 2021  
Response via : Initial Calibration

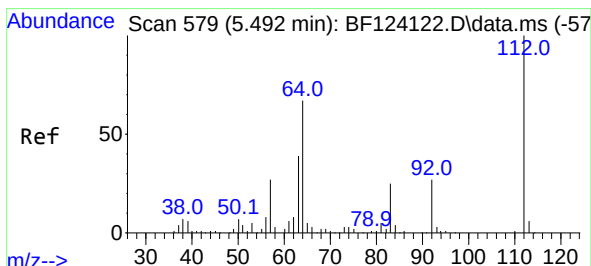
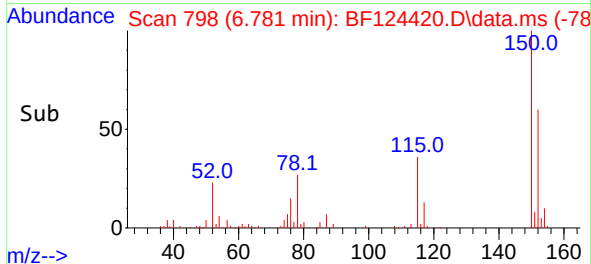
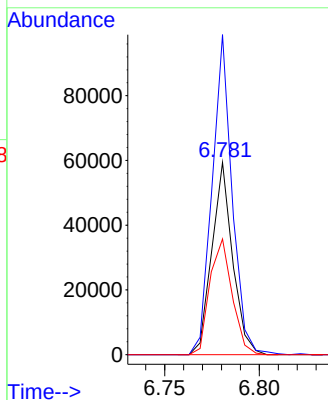
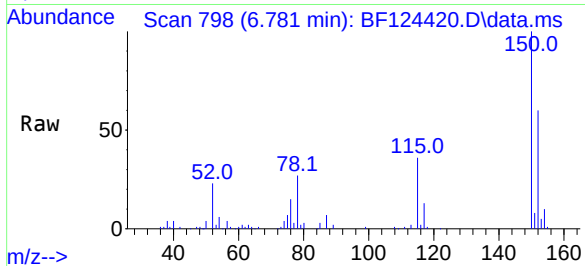




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.781 min Scan# 798  
Delta R.T. -0.005 min  
Lab File: BF124420.D  
Acq: 22 Jun 2021 19:33

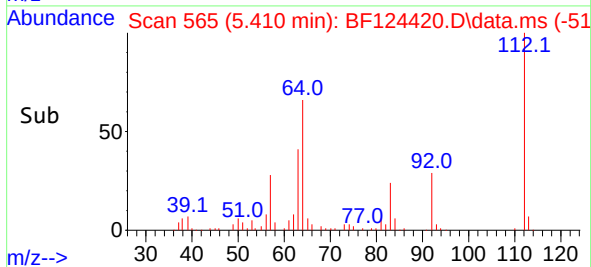
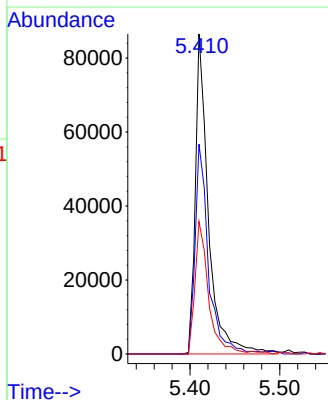
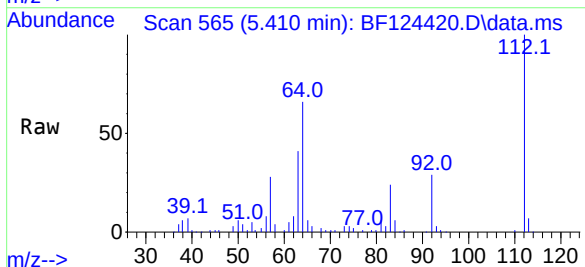
Instrument :  
BNA\_F  
ClientSampleId :  
CONCRETE-SLAB-1-2

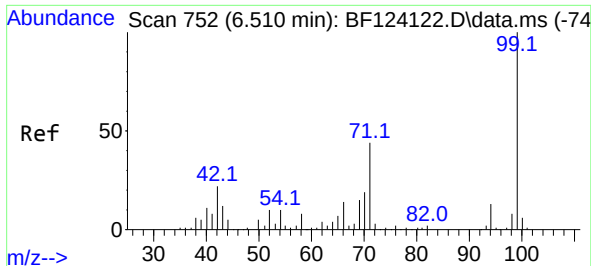
Tgt Ion:152 Resp: 45315  
Ion Ratio Lower Upper  
152 100  
150 166.3 127.0 190.6  
115 60.2 54.3 81.5



#5  
2-Fluorophenol  
Concen: 29.148 ng  
RT: 5.410 min Scan# 565  
Delta R.T. -0.006 min  
Lab File: BF124420.D  
Acq: 22 Jun 2021 19:33

Tgt Ion:112 Resp: 87744  
Ion Ratio Lower Upper  
112 100  
64 65.5 61.4 92.0  
63 41.4 33.0 49.4

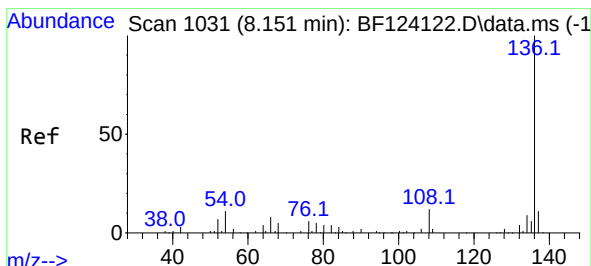
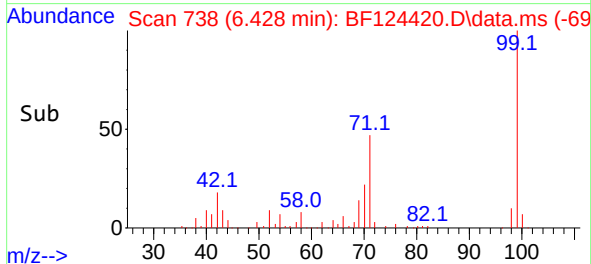
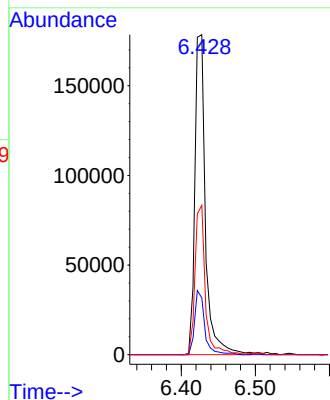
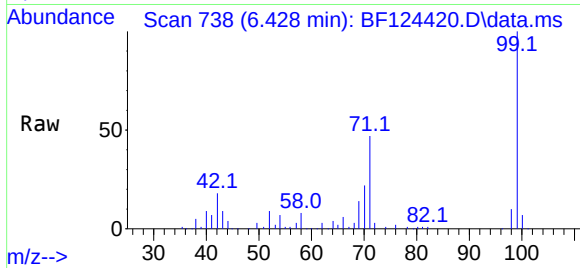




#7  
Phenol-d6  
Concen: 44.174 ng  
RT: 6.428 min Scan# 738  
Delta R.T. -0.018 min  
Lab File: BF124420.D  
Acq: 22 Jun 2021 19:33

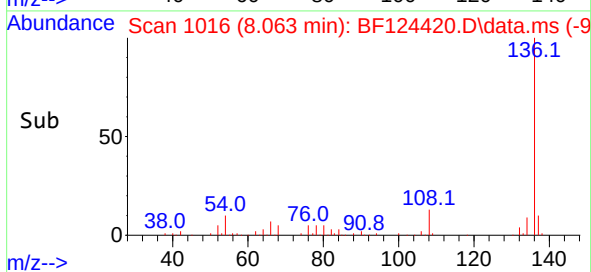
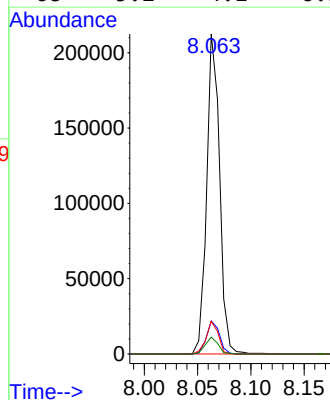
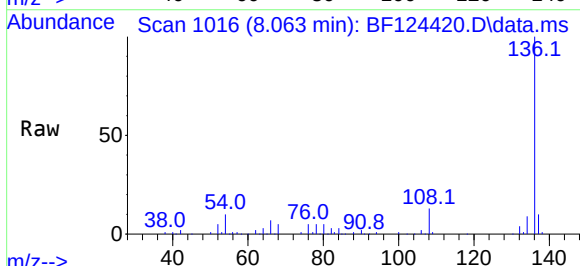
Instrument :  
BNA\_F  
ClientSampleId :  
CONCRETE-SLAB-1-2

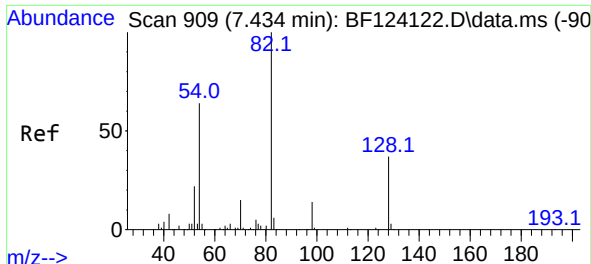
Tgt Ion: 99 Resp: 178741  
Ion Ratio Lower Upper  
99 100  
42 17.7 19.8 29.8#  
71 46.7 31.1 46.7#



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.063 min Scan# 1016  
Delta R.T. -0.012 min  
Lab File: BF124420.D  
Acq: 22 Jun 2021 19:33

Tgt Ion: 136 Resp: 179559  
Ion Ratio Lower Upper  
136 100  
137 10.3 8.7 13.1  
54 10.2 9.8 14.6  
68 5.2 4.1 6.1

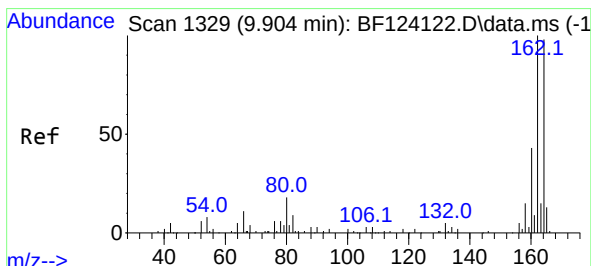
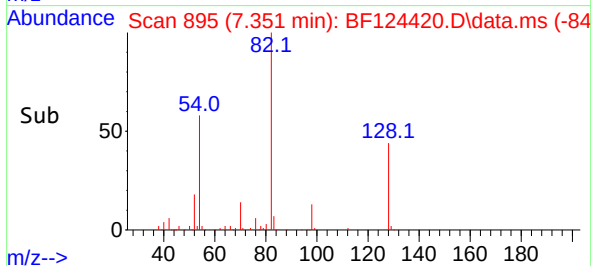
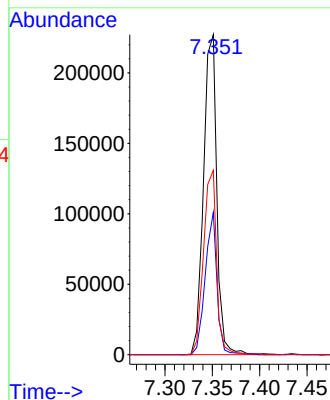
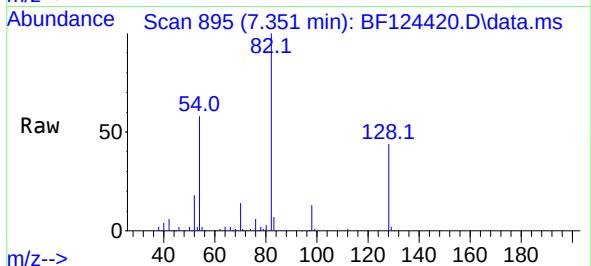




#23  
Nitrobenzene-d5  
Concen: 48.823 ng  
RT: 7.351 min Scan# 895  
Delta R.T. -0.006 min  
Lab File: BF124420.D  
Acq: 22 Jun 2021 19:33

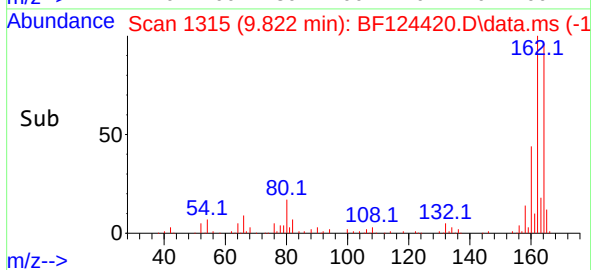
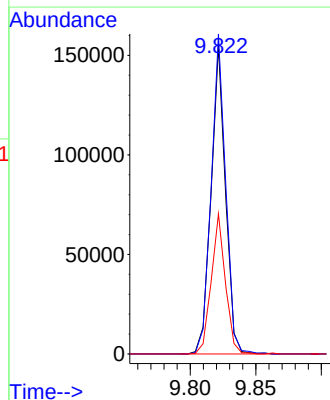
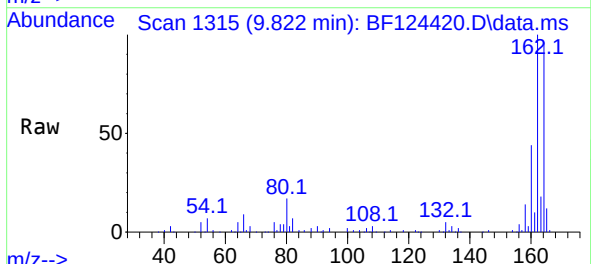
Instrument :  
BNA\_F  
ClientSampleId :  
CONCRETE-SLAB-1-2

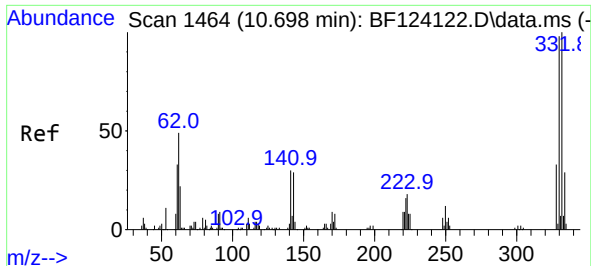
Tgt Ion: 82 Resp: 221038  
Ion Ratio Lower Upper  
82 100  
128 44.4 29.4 44.2#  
54 57.6 54.1 81.1



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.822 min Scan# 1315  
Delta R.T. -0.006 min  
Lab File: BF124420.D  
Acq: 22 Jun 2021 19:33

Tgt Ion:164 Resp: 118372  
Ion Ratio Lower Upper  
164 100  
162 103.9 80.7 121.1  
160 45.5 37.3 55.9

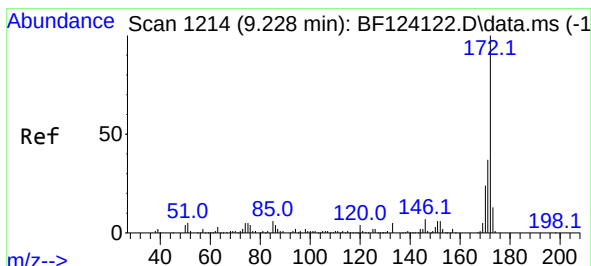
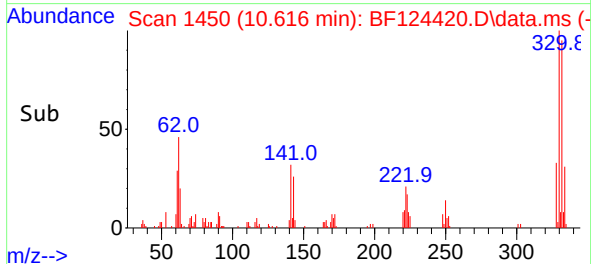
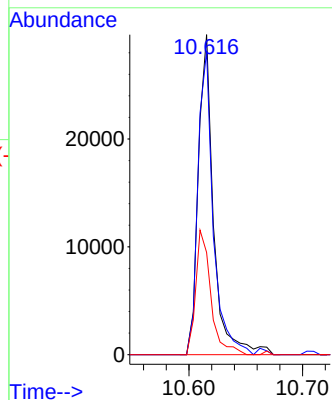
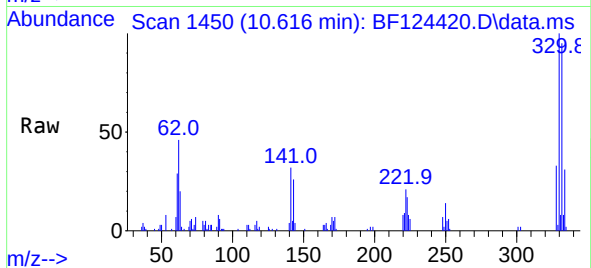




#42  
2,4,6-Tribromophenol  
Concen: 16.538 ng  
RT: 10.616 min Scan# 1450  
Delta R.T. -0.006 min  
Lab File: BF124420.D  
Acq: 22 Jun 2021 19:33

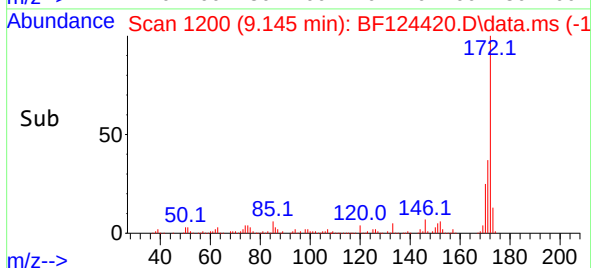
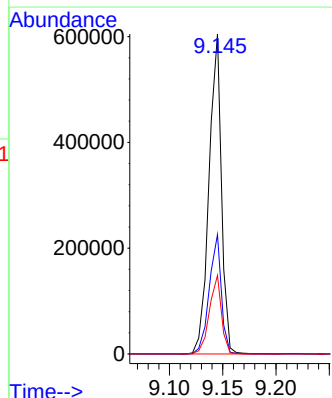
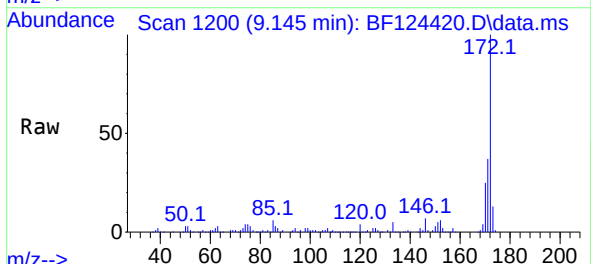
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CONCRETE-SLAB-1-2

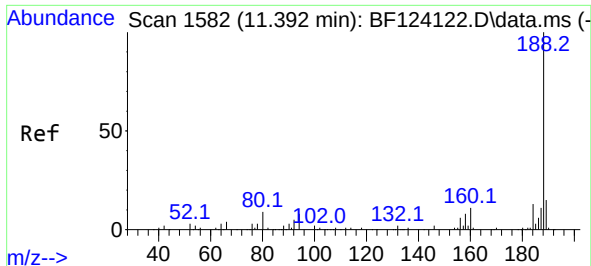
Tgt Ion: 330 Resp: 27735  
Ion Ratio Lower Upper  
330 100  
332 95.0 77.1 115.7  
141 38.7 27.9 41.9



#45  
2-Fluorobiphenyl  
Concen: 52.440 ng  
RT: 9.145 min Scan# 1200  
Delta R.T. -0.006 min  
Lab File: BF124420.D  
Acq: 22 Jun 2021 19:33

Tgt Ion: 172 Resp: 493296  
Ion Ratio Lower Upper  
172 100  
171 37.3 28.1 42.1  
170 24.5 19.2 28.8

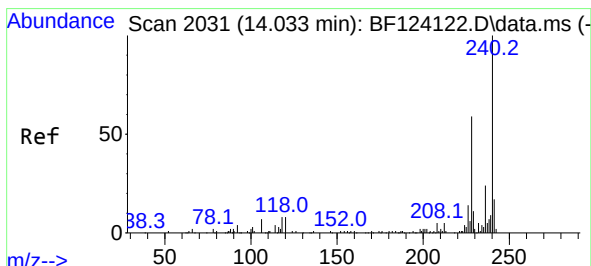
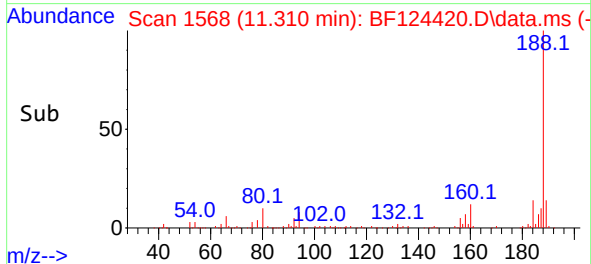
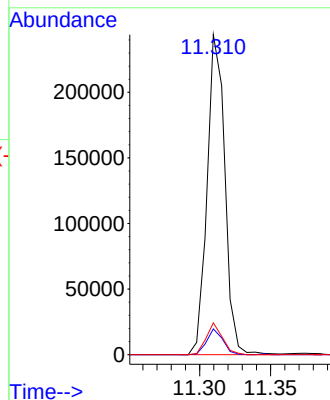
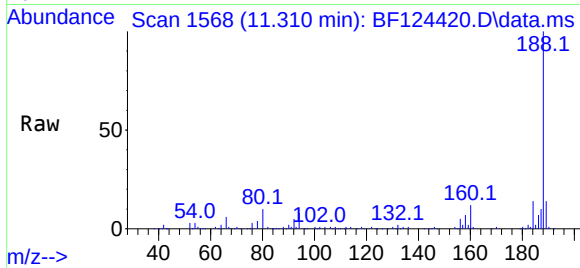




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.310 min Scan# 1568  
Delta R.T. -0.006 min  
Lab File: BF124420.D  
Acq: 22 Jun 2021 19:33

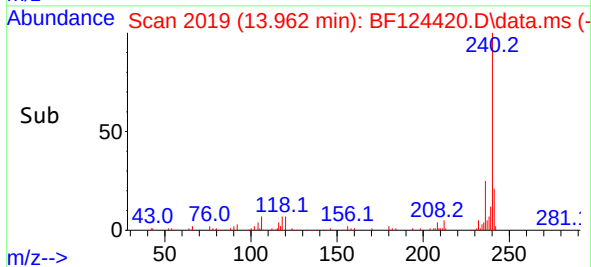
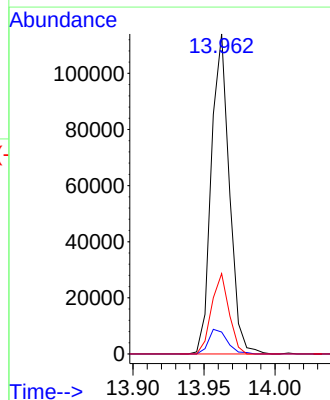
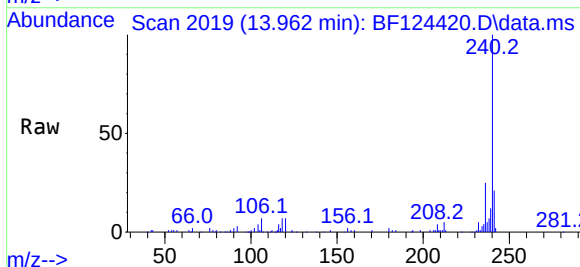
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ClientSampleId :  
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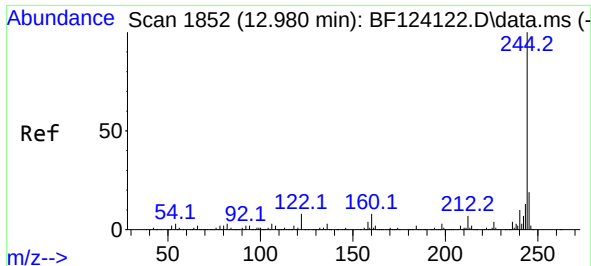
Tgt Ion:188 Resp: 212313  
Ion Ratio Lower Upper  
188 100  
94 8.1 6.9 10.3  
80 9.9 8.2 12.2



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.962 min Scan# 2019  
Delta R.T. -0.000 min  
Lab File: BF124420.D  
Acq: 22 Jun 2021 19:33

Tgt Ion:240 Resp: 100807  
Ion Ratio Lower Upper  
240 100  
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236 25.1 19.0 28.4

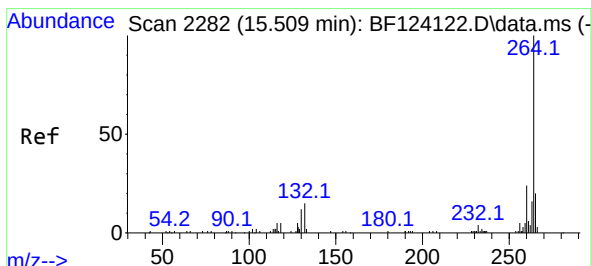
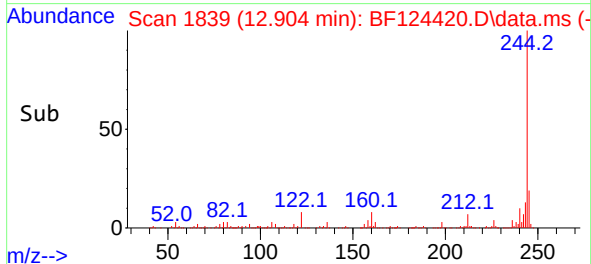
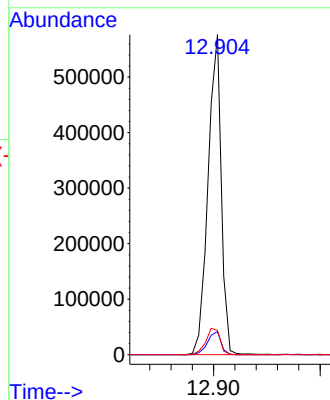
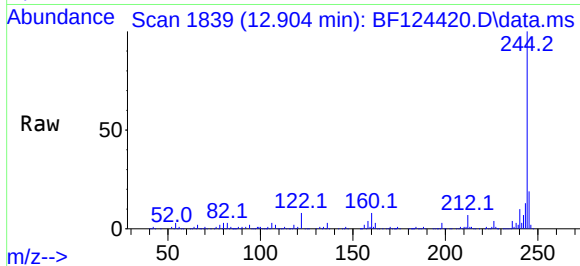




#79  
Terphenyl-d14  
Concen: 67.797 ng  
RT: 12.904 min Scan# 1839  
Delta R.T. -0.000 min  
Lab File: BF124420.D  
Acq: 22 Jun 2021 19:33

Instrument :  
BNA\_F  
ClientSampleId :  
CONCRETE-SLAB-1-2

Tgt Ion:244 Resp: 497787  
Ion Ratio Lower Upper  
244 100  
212 7.2 5.7 8.5  
122 7.6 9.7 14.5#



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.427 min Scan# 2268  
Delta R.T. 0.012 min  
Lab File: BF124420.D  
Acq: 22 Jun 2021 19:33

Tgt Ion:264 Resp: 86780  
Ion Ratio Lower Upper  
264 100  
260 22.2 18.7 28.1  
265 20.9 17.8 26.8

