

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF042822\  
 Data File : BF127989.D  
 Acq On : 28 Apr 2022 19:08  
 Operator : CG\JU  
 Sample : N2598-01 10X  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 OS-DRUM-COMP

Quant Time: Apr 29 04:39:40 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF042222.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Apr 28 05:13:03 2022  
 Response via : Initial Calibration

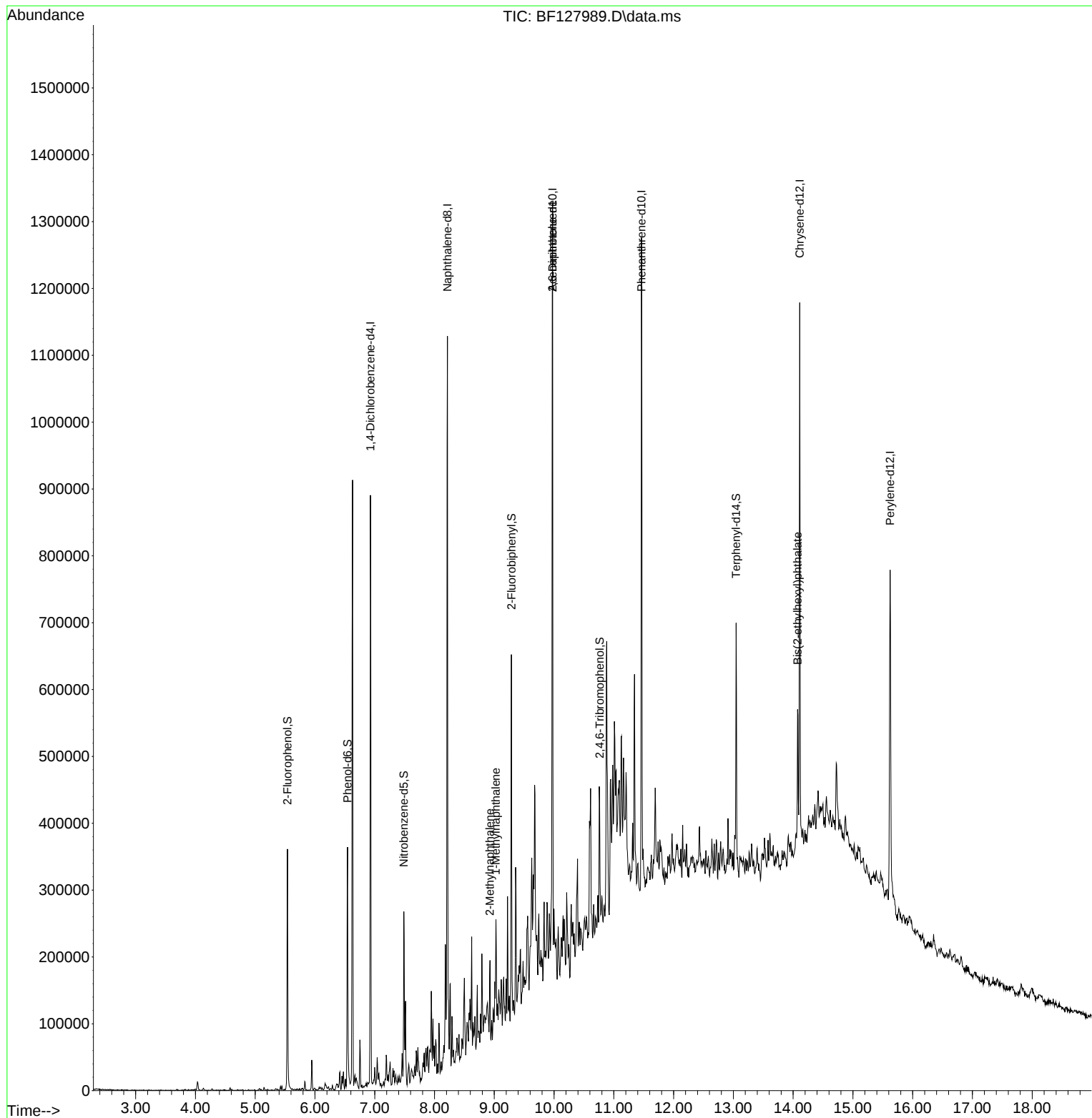
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.928  | 152  | 117379   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.216  | 136  | 435442   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.975  | 164  | 230791   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.463 | 188  | 346866   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 14.110 | 240  | 257662   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 15.621 | 264  | 230071   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.540  | 112  | 92165    | 12.506 | ng    | -0.01    |
| 7) Phenol-d6                  | 6.546  | 99   | 119800   | 12.528 | ng    | -0.02    |
| 23) Nitrobenzene-d5           | 7.487  | 82   | 78038    | 8.427  | ng    | -0.02    |
| 42) 2,4,6-Tribromophenol      | 10.763 | 330  | 25552    | 10.998 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.287  | 172  | 147002   | 10.776 | ng    | 0.00     |
| 79) Terphenyl-d14             | 13.045 | 244  | 115849   | 8.222  | ng    | -0.01    |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 37) 2-Methylnaphthalene       | 8.928  | 142  | 31108    | 2.122  | ng    | 98       |
| 38) 1-Methylnaphthalene       | 9.028  | 142  | 30455    | 2.138  | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 9.975  | 165  | 31254    | 9.326  | ng    | # 23     |
| 84) Bis(2-ethylhexyl)phtha... | 14.074 | 149  | 54702    | 5.060  | ng    | # 98     |
| -----                         |        |      |          |        |       |          |

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

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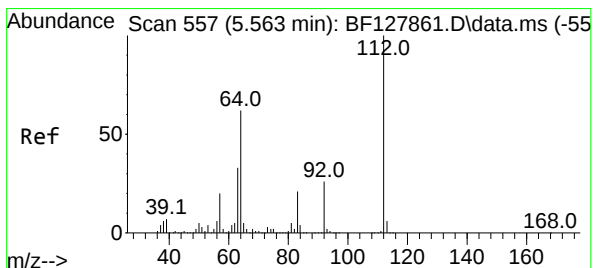
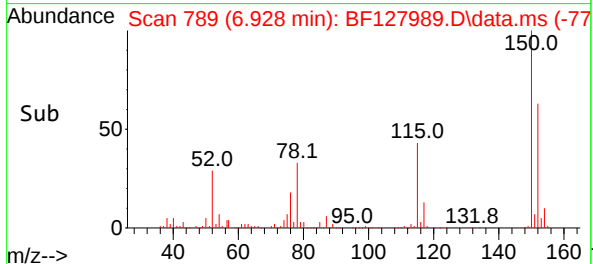
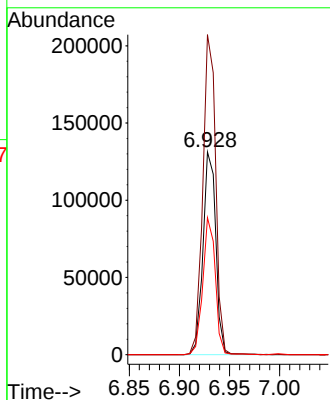
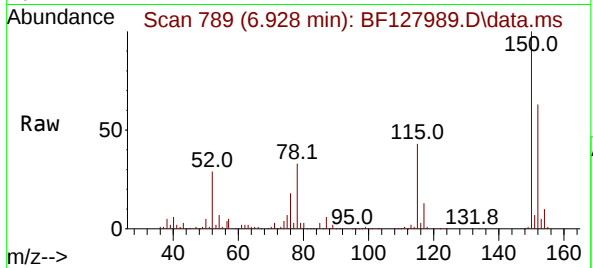




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.928 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BF127989.D  
Acq: 28 Apr 2022 19:08

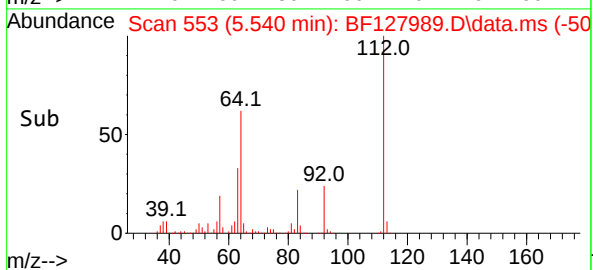
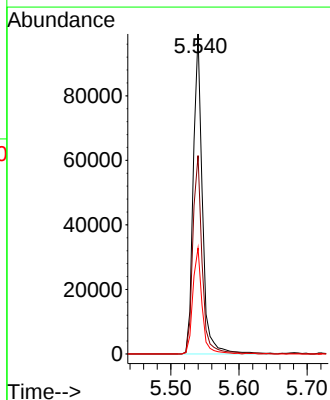
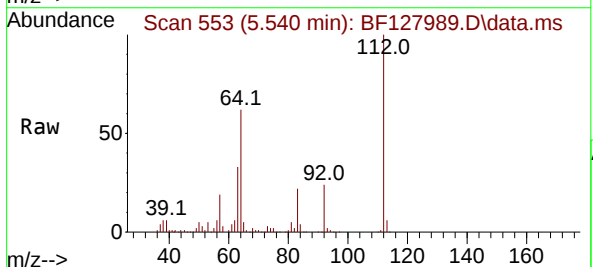
Instrument :  
BNA\_F  
ClientSampleId :  
OS-DRUM-COMP

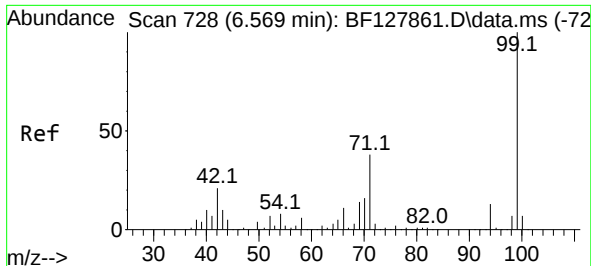
Tgt Ion:152 Resp: 117379  
Ion Ratio Lower Upper  
152 100  
150 157.9 125.3 187.9  
115 67.6 48.8 73.2



#5  
2-Fluorophenol  
Concen: 12.506 ng  
RT: 5.540 min Scan# 553  
Delta R.T. -0.012 min  
Lab File: BF127989.D  
Acq: 28 Apr 2022 19:08

Tgt Ion:112 Resp: 92165  
Ion Ratio Lower Upper  
112 100  
64 62.0 49.5 74.3  
63 33.1 26.3 39.5

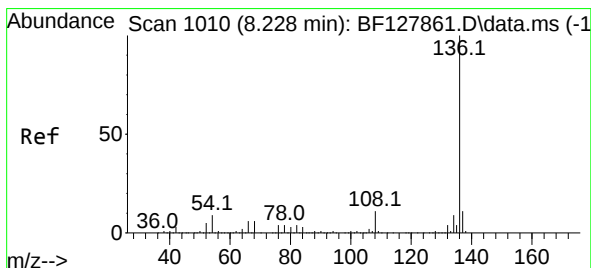
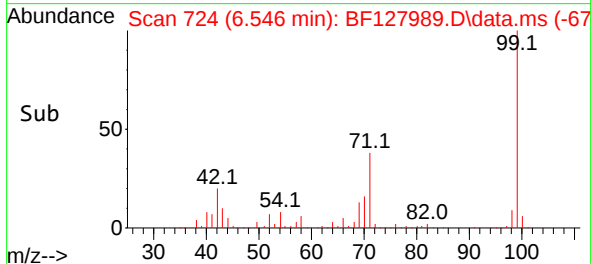
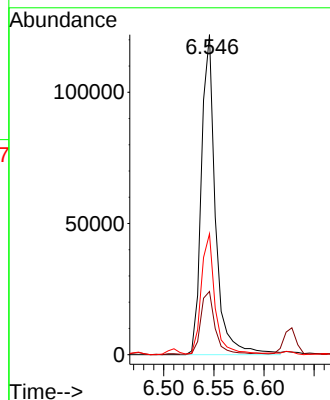
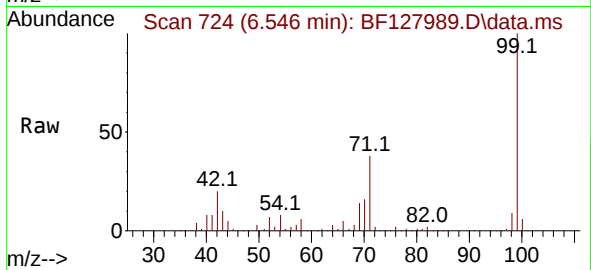




#7  
Phenol-d6  
Concen: 12.528 ng  
RT: 6.546 min Scan# 71  
Delta R.T. -0.017 min  
Lab File: BF127989.D  
Acq: 28 Apr 2022 19:08

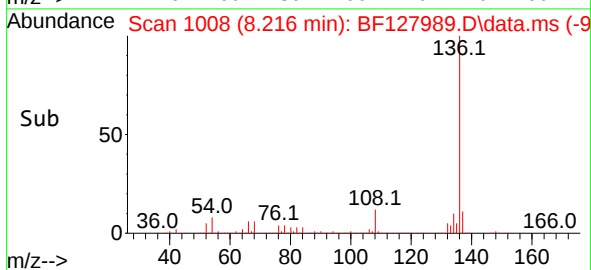
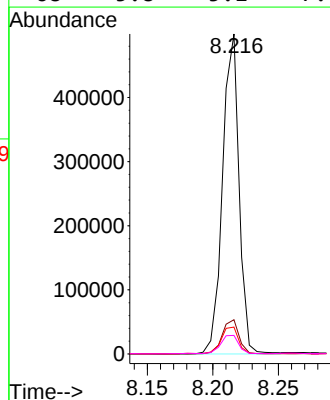
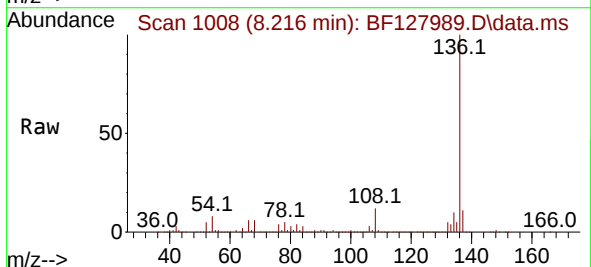
Instrument :  
BNA\_F  
ClientSampleId :  
OS-DRUM-COMP

Tgt Ion: 99 Resp: 119800  
Ion Ratio Lower Upper  
99 100  
42 19.8 16.6 24.8  
71 37.7 30.0 45.0



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.216 min Scan# 1008  
Delta R.T. 0.000 min  
Lab File: BF127989.D  
Acq: 28 Apr 2022 19:08

Tgt Ion: 136 Resp: 435442  
Ion Ratio Lower Upper  
136 100  
137 10.7 8.6 13.0  
54 8.4 6.8 10.2  
68 5.8 5.1 7.7





#23

Nitrobenzene-d5

Concen: 8.427 ng

RT: 7.487 min Scan# 81

Delta R.T. -0.017 min

Lab File: BF127989.D

Acq: 28 Apr 2022 19:08

Instrument :

BNA\_F

ClientSampleId :

OS-DRUM-COMP

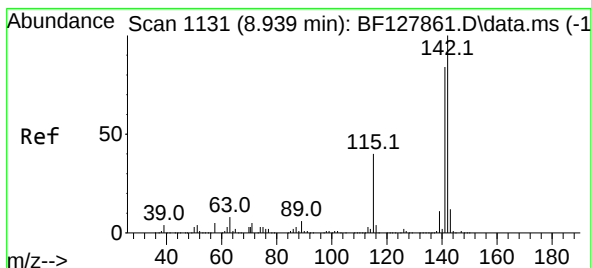
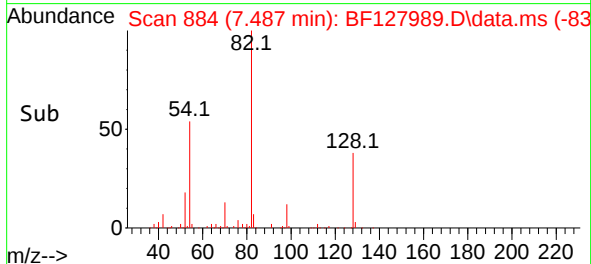
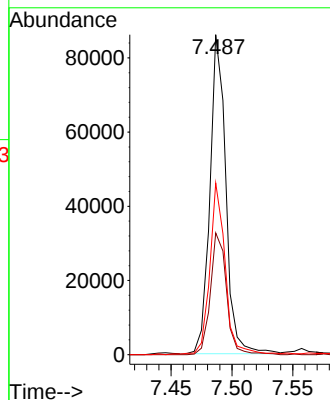
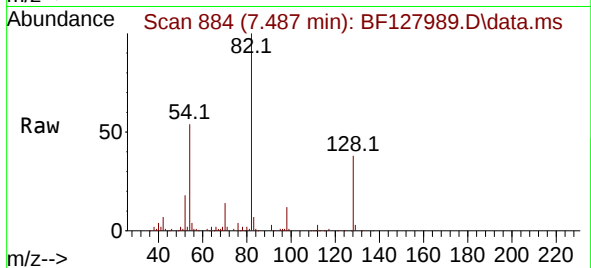
Tgt Ion: 82 Resp: 78038

Ion Ratio Lower Upper

82 100

128 38.0 30.0 45.0

54 53.7 41.3 61.9



#37

2-Methylnaphthalene

Concen: 2.122 ng

RT: 8.928 min Scan# 1129

Delta R.T. -0.006 min

Lab File: BF127989.D

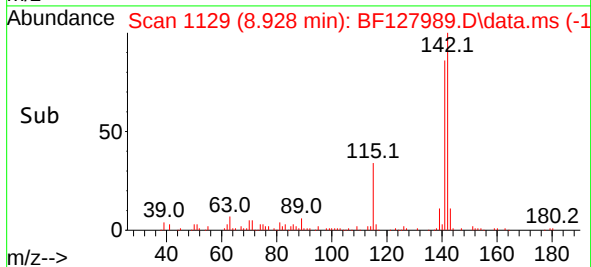
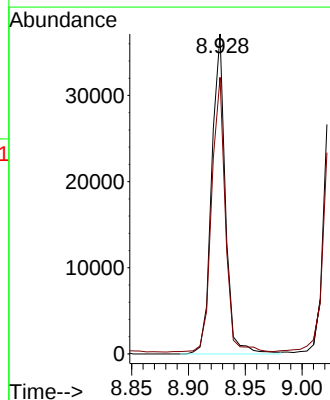
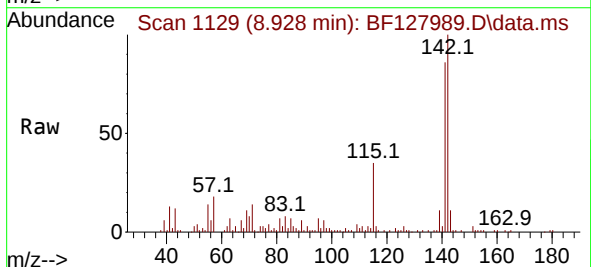
Acq: 28 Apr 2022 19:08

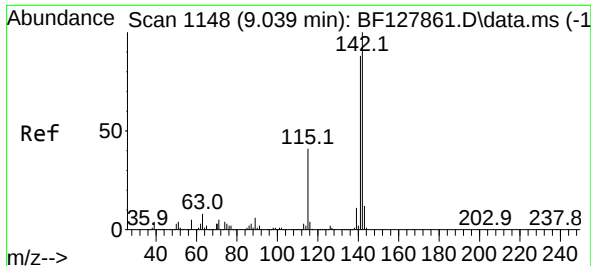
Tgt Ion: 142 Resp: 31108

Ion Ratio Lower Upper

142 100

141 86.5 67.4 101.2

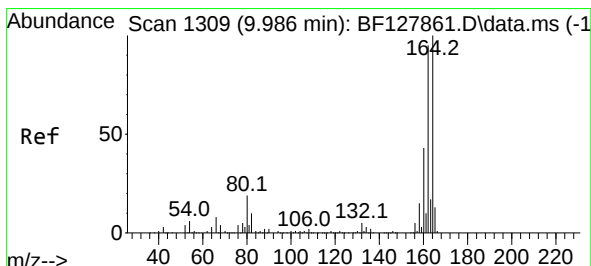
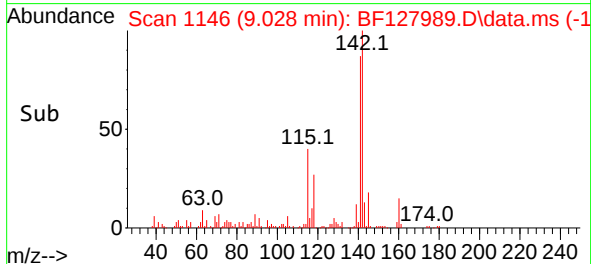
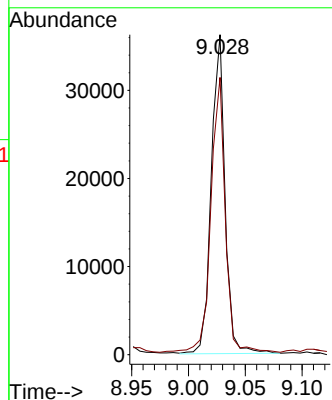
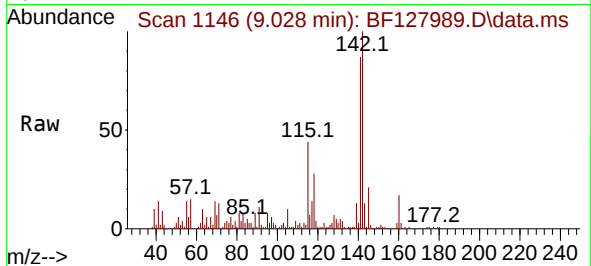




#38  
1-Methylnaphthalene  
Concen: 2.138 ng  
RT: 9.028 min Scan# 1148  
Delta R.T. -0.006 min  
Lab File: BF127989.D  
Acq: 28 Apr 2022 19:08

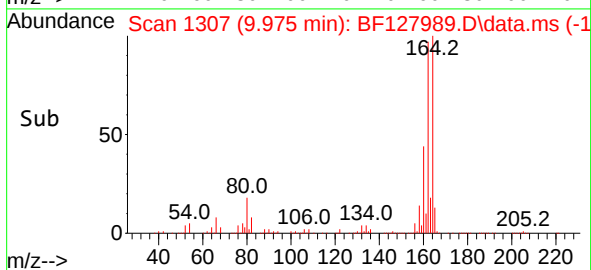
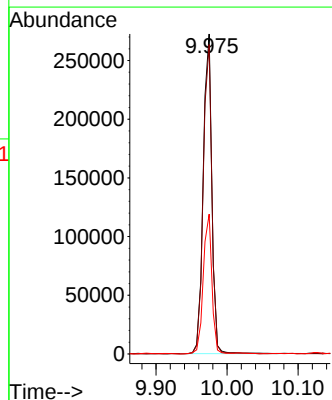
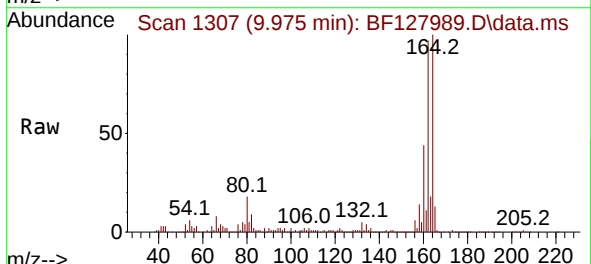
Instrument :  
BNA\_F  
ClientSampleId :  
OS-DRUM-COMP

Tgt Ion:142 Resp: 30455  
Ion Ratio Lower Upper  
142 100  
141 86.6 70.1 105.1



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.975 min Scan# 1307  
Delta R.T. 0.000 min  
Lab File: BF127989.D  
Acq: 28 Apr 2022 19:08

Tgt Ion:164 Resp: 230791  
Ion Ratio Lower Upper  
164 100  
162 96.7 76.0 114.0  
160 43.7 34.8 52.2

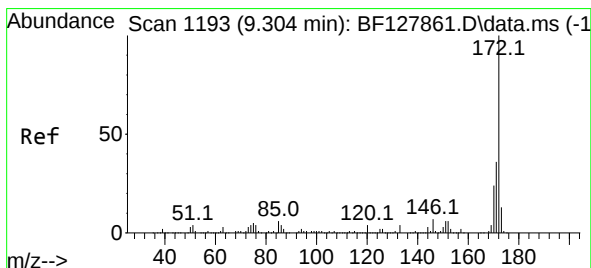
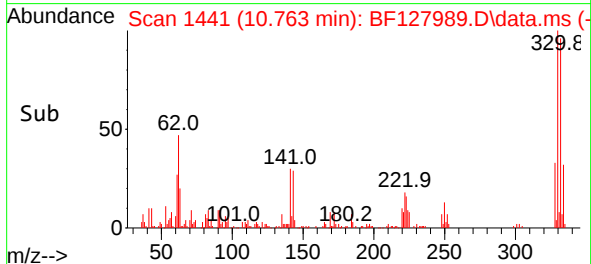
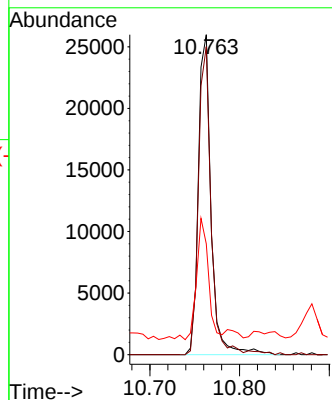
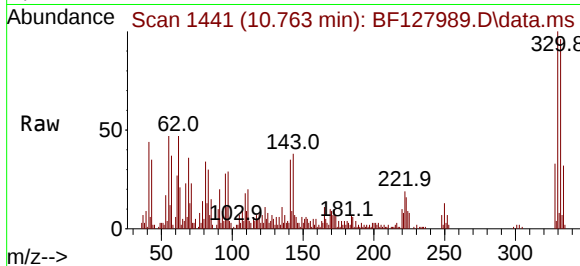




#42  
2,4,6-Tribromophenol  
Concen: 10.998 ng  
RT: 10.763 min Scan# 1441  
Delta R.T. -0.006 min  
Lab File: BF127989.D  
Acq: 28 Apr 2022 19:08

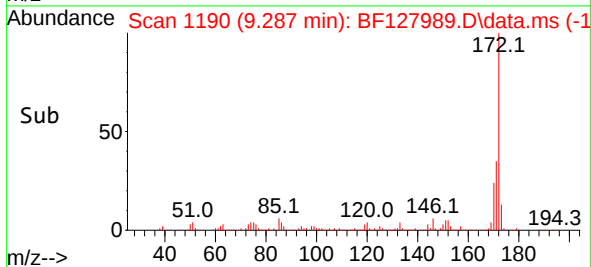
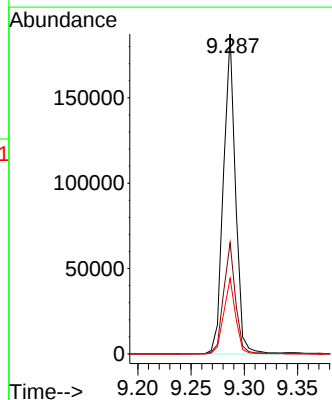
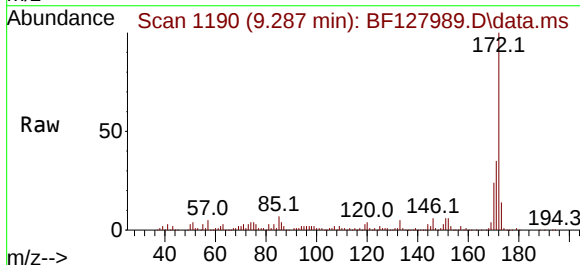
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BNA\_F  
ClientSampleId :  
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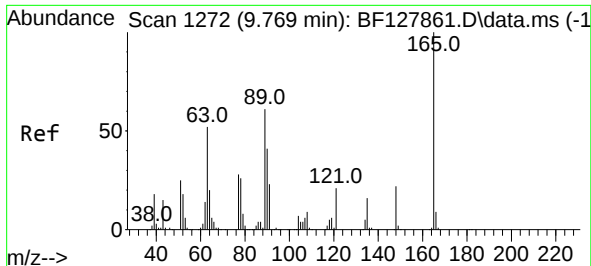
Tgt Ion: 330 Resp: 25552  
Ion Ratio Lower Upper  
330 100  
332 95.6 79.0 118.4  
141 34.3 28.9 43.3



#45  
2-Fluorobiphenyl  
Concen: 10.776 ng  
RT: 9.287 min Scan# 1190  
Delta R.T. -0.006 min  
Lab File: BF127989.D  
Acq: 28 Apr 2022 19:08

Tgt Ion: 172 Resp: 147002  
Ion Ratio Lower Upper  
172 100  
171 34.8 28.6 42.8  
170 23.7 19.1 28.7

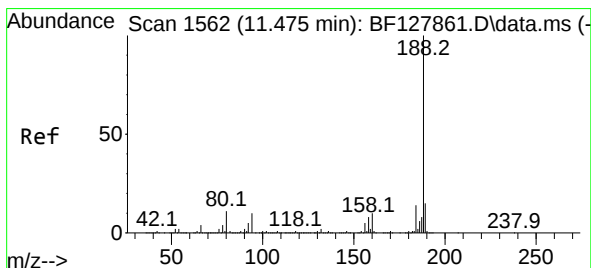
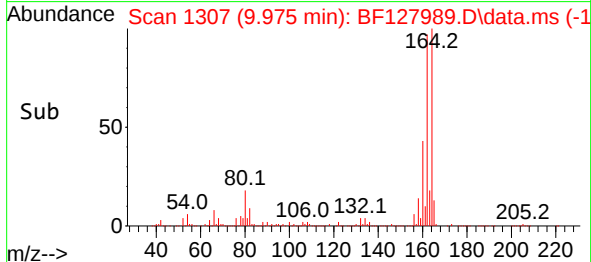
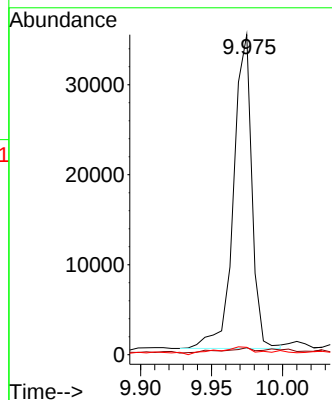
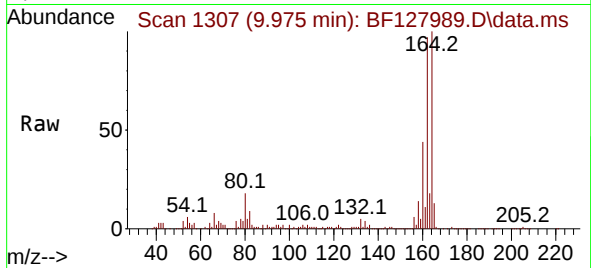




#51  
2,6-Dinitrotoluene  
Concen: 9.326 ng  
RT: 9.975 min Scan# 11  
Delta R.T. 0.212 min  
Lab File: BF127989.D  
Acq: 28 Apr 2022 19:08

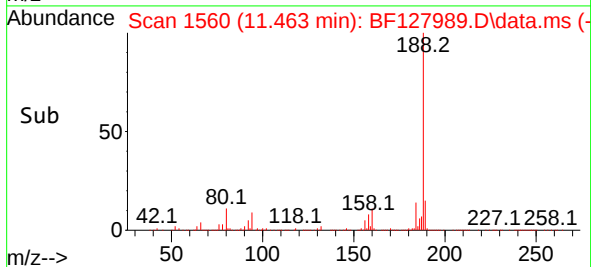
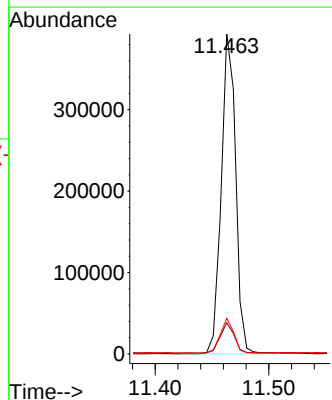
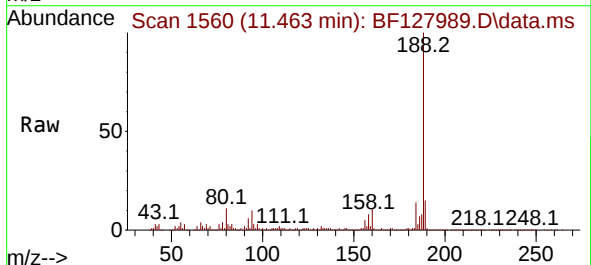
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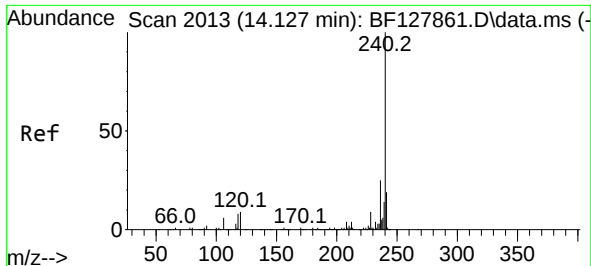
Tgt Ion:165 Resp: 31254  
Ion Ratio Lower Upper  
165 100  
63 2.2 49.5 74.3#  
89 2.3 49.0 73.4#



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.463 min Scan# 1560  
Delta R.T. -0.006 min  
Lab File: BF127989.D  
Acq: 28 Apr 2022 19:08

Tgt Ion:188 Resp: 346866  
Ion Ratio Lower Upper  
188 100  
94 9.8 8.0 12.0  
80 11.2 8.9 13.3

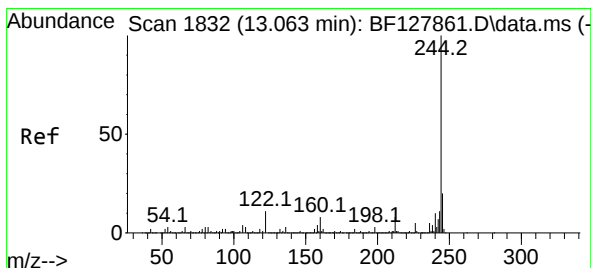
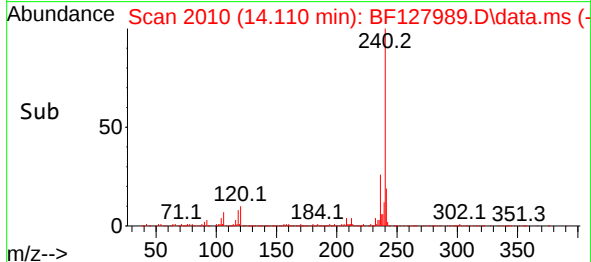
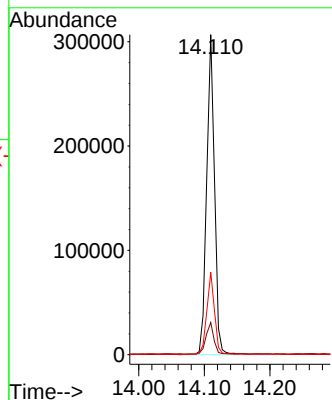
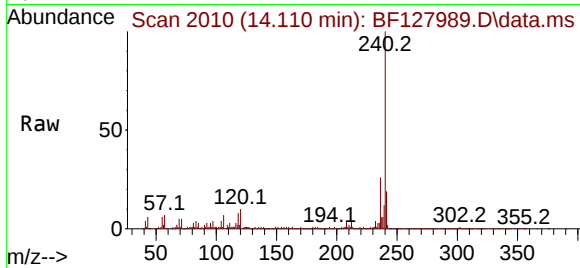




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.110 min Scan# 2013  
Delta R.T. -0.006 min  
Lab File: BF127989.D  
Acq: 28 Apr 2022 19:08

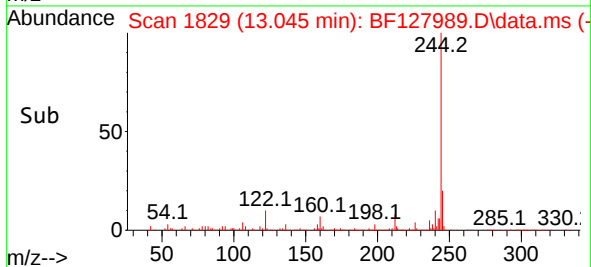
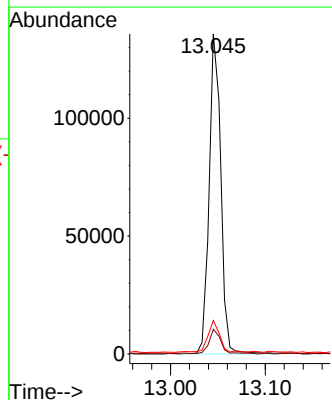
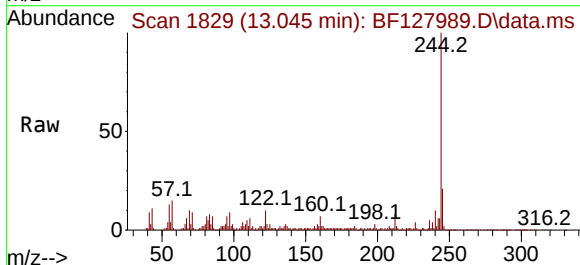
Instrument :  
BNA\_F  
ClientSampleId :  
OS-DRUM-COMP

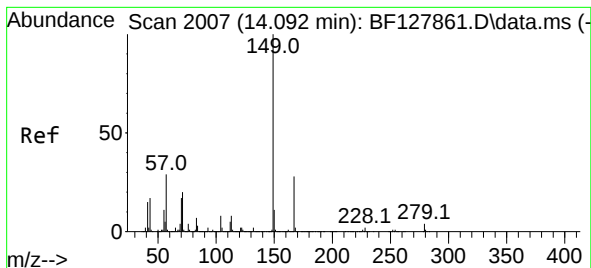
Tgt Ion:240 Resp: 257662  
Ion Ratio Lower Upper  
240 100  
120 10.0 7.0 10.6  
236 25.7 20.3 30.5



#79  
Terphenyl-d14  
Concen: 8.222 ng  
RT: 13.045 min Scan# 1829  
Delta R.T. -0.012 min  
Lab File: BF127989.D  
Acq: 28 Apr 2022 19:08

Tgt Ion:244 Resp: 115849  
Ion Ratio Lower Upper  
244 100  
212 7.7 6.2 9.4  
122 10.5 8.6 12.8

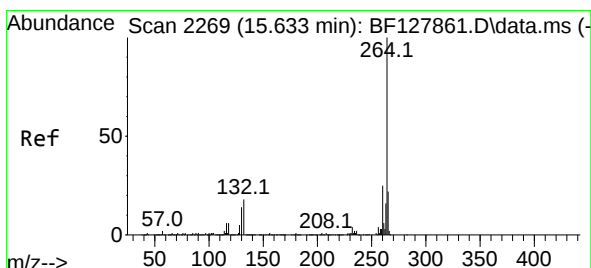
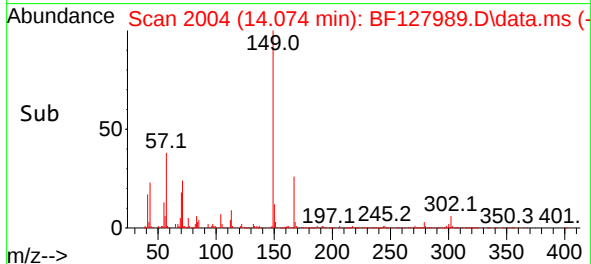
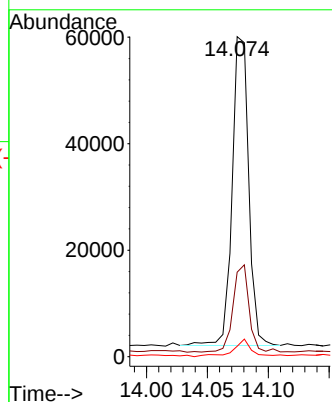
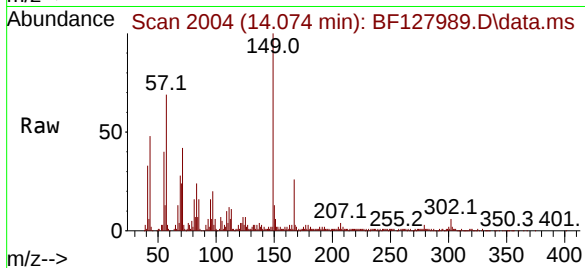




#84  
Bis(2-ethylhexyl)phthalate  
Concen: 5.060 ng  
RT: 14.074 min Scan# 20  
Delta R.T. -0.006 min  
Lab File: BF127989.D  
Acq: 28 Apr 2022 19:08

Instrument :  
BNA\_F  
ClientSampleId :  
OS-DRUM-COMP

Tgt Ion:149 Resp: 54702  
Ion Ratio Lower Upper  
149 100  
167 26.4 22.0 33.0  
279 3.2 3.4 5.0#



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.621 min Scan# 2267  
Delta R.T. 0.000 min  
Lab File: BF127989.D  
Acq: 28 Apr 2022 19:08

Tgt Ion:264 Resp: 230071  
Ion Ratio Lower Upper  
264 100  
260 24.2 20.1 30.1  
265 21.2 17.5 26.3

