

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF110422\  
 Data File : BF131009.D  
 Acq On : 05 Nov 2022 01:14  
 Operator : CG\JU  
 Sample : N5406-06  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-03-COMP

Quant Time: Nov 05 01:35:45 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF102722.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Nov 04 06:20:24 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.910  | 152  | 70988    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.192  | 136  | 263193   | 20.000  | ng    | -0.01    |
| 39) Acenaphthene-d10        | 9.957  | 164  | 131700   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.445 | 188  | 220310   | 20.000  | ng    | -0.01    |
| 76) Chrysene-d12            | 14.098 | 240  | 170691   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 15.604 | 264  | 178861   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.534  | 112  | 474182   | 115.801 | ng    | 0.00     |
| 7) Phenol-d6                | 6.534  | 99   | 584488   | 109.842 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.475  | 82   | 397789   | 91.135  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 10.745 | 330  | 130372   | 117.595 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl        | 9.275  | 172  | 669506   | 76.858  | ng    | 0.00     |
| 79) Terphenyl-d14           | 13.039 | 244  | 639220   | 68.623  | ng    | 0.00     |

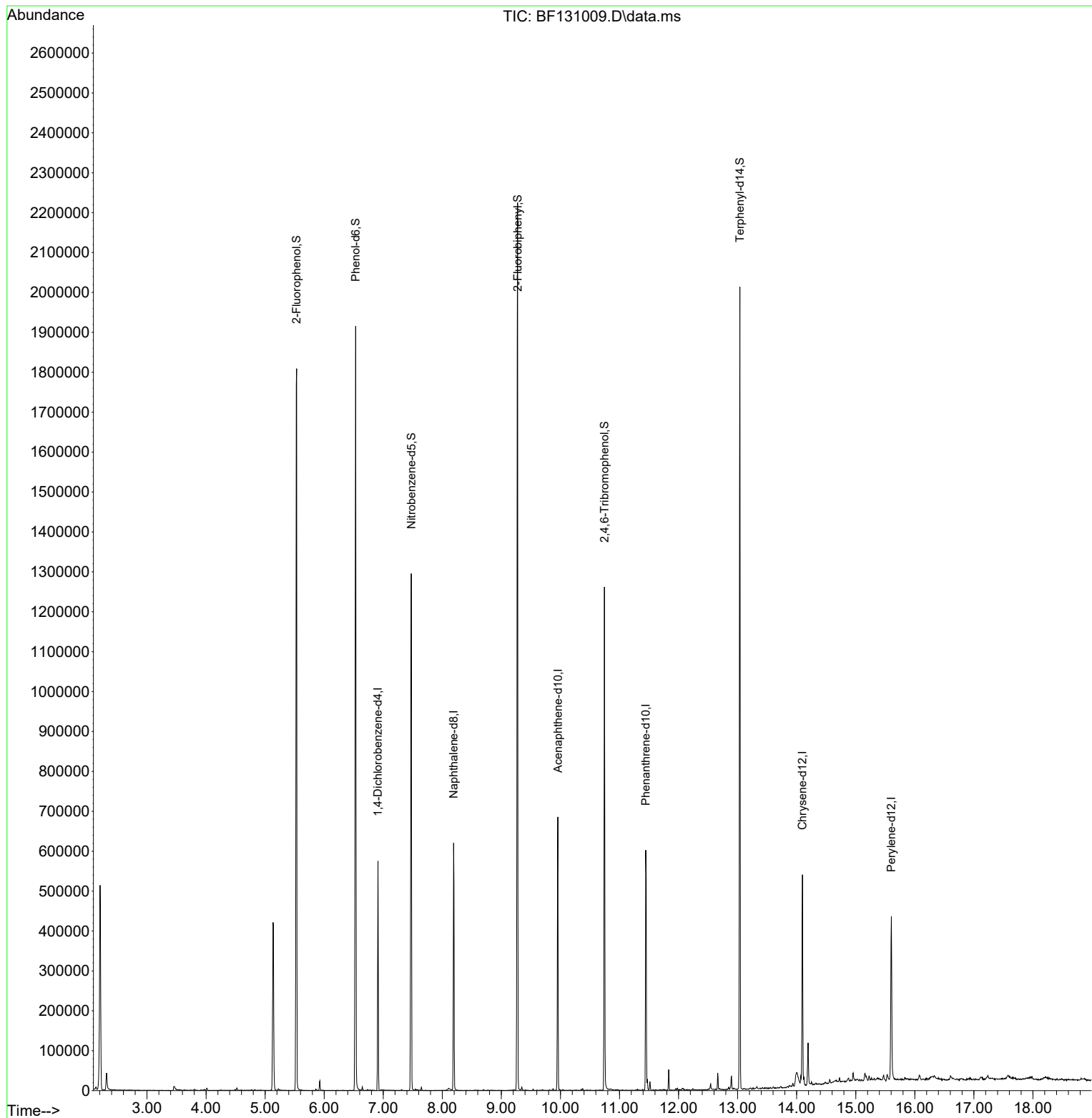
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

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

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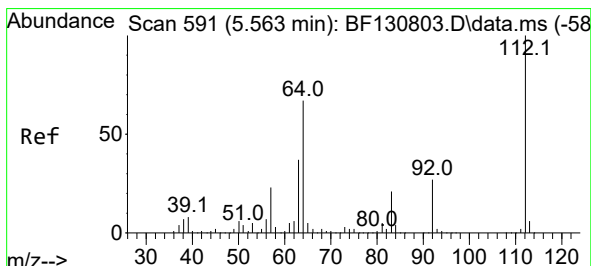
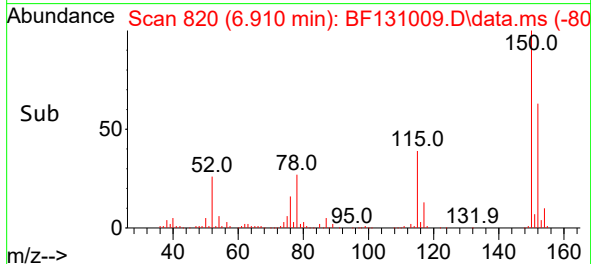
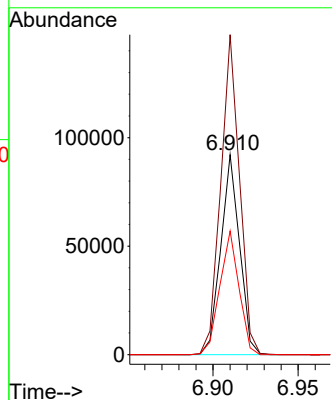
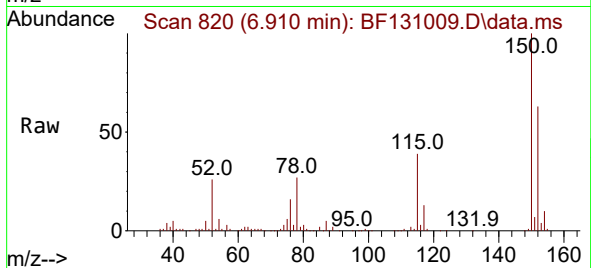




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.910 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BF131009.D  
Acq: 05 Nov 2022 01:14

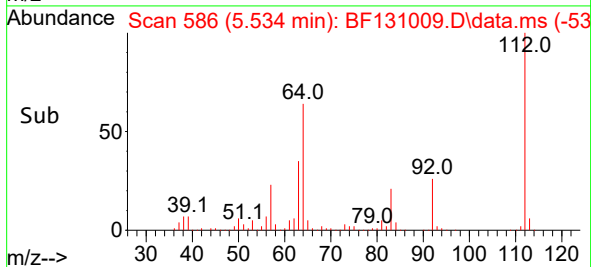
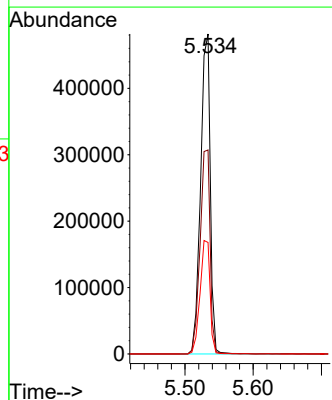
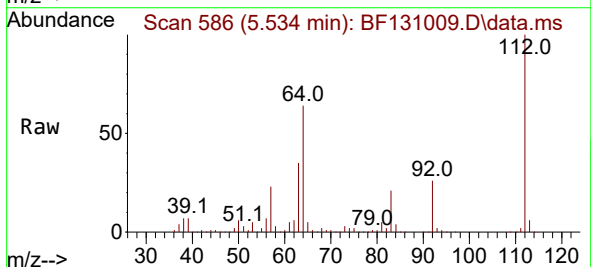
Instrument :  
BNA\_F  
ClientSampleId :  
SB-03-COMP

Tgt Ion:152 Resp: 70988  
Ion Ratio Lower Upper  
152 100  
150 160.0 124.1 186.1  
115 61.8 50.1 75.1



#5  
2-Fluorophenol  
Concen: 115.801 ng  
RT: 5.534 min Scan# 586  
Delta R.T. 0.006 min  
Lab File: BF131009.D  
Acq: 05 Nov 2022 01:14

Tgt Ion:112 Resp: 474182  
Ion Ratio Lower Upper  
112 100  
64 63.7 53.9 80.9  
63 34.8 29.4 44.2

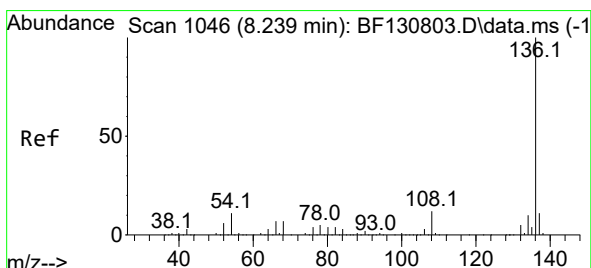
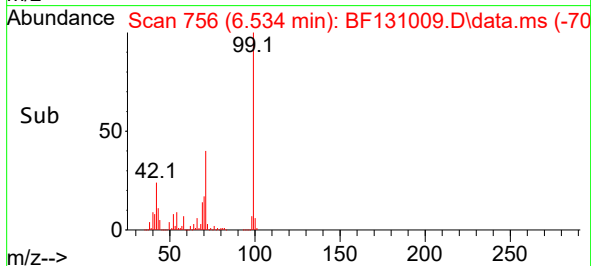
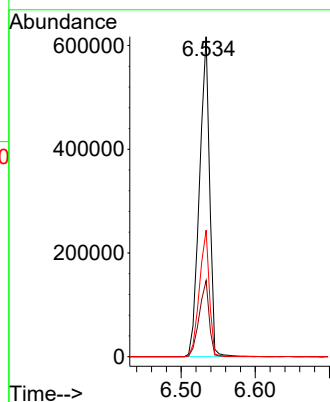
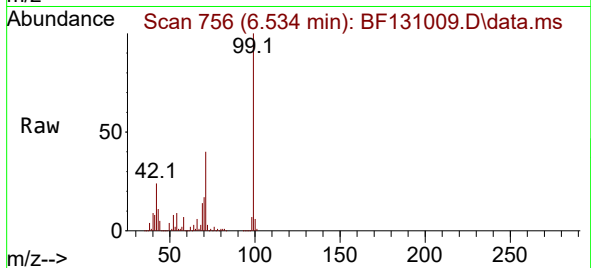




#7  
Phenol-d6  
Concen: 109.842 ng  
RT: 6.534 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BF131009.D  
Acq: 05 Nov 2022 01:14

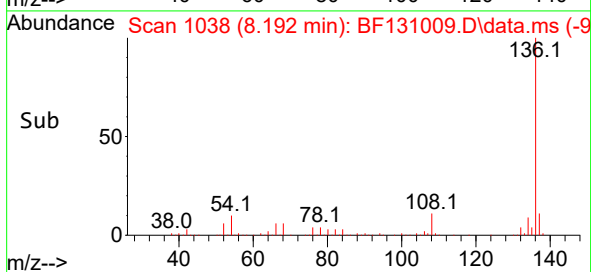
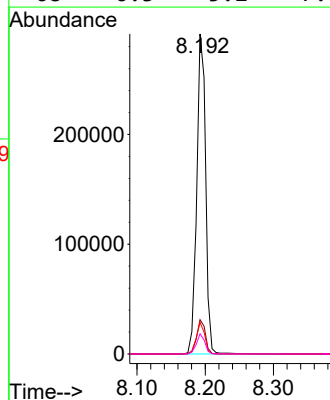
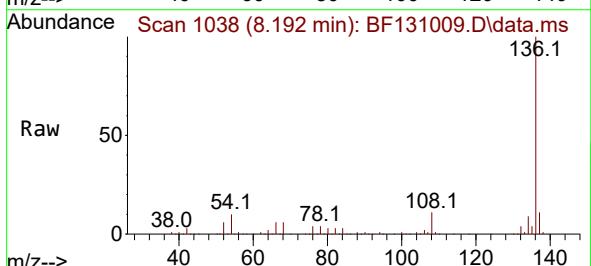
Instrument :  
BNA\_F  
ClientSampleId :  
SB-03-COMP

Tgt Ion: 99 Resp: 584488  
Ion Ratio Lower Upper  
99 100  
42 23.8 18.8 28.2  
71 39.5 31.4 47.0



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.192 min Scan# 1038  
Delta R.T. -0.012 min  
Lab File: BF131009.D  
Acq: 05 Nov 2022 01:14

Tgt Ion: 136 Resp: 263193  
Ion Ratio Lower Upper  
136 100  
137 10.7 9.2 13.8  
54 9.9 8.8 13.2  
68 6.3 5.2 7.8





#23

Nitrobenzene-d5

Concen: 91.135 ng

RT: 7.475 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF131009.D

Acq: 05 Nov 2022 01:14

Instrument :

BNA\_F

ClientSampleId :

SB-03-COMP

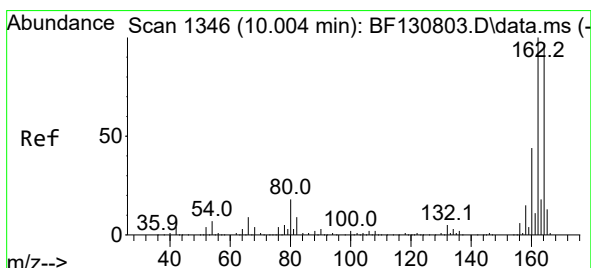
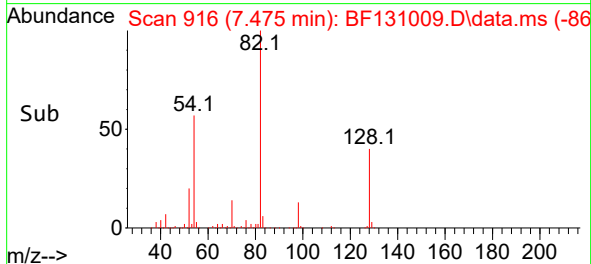
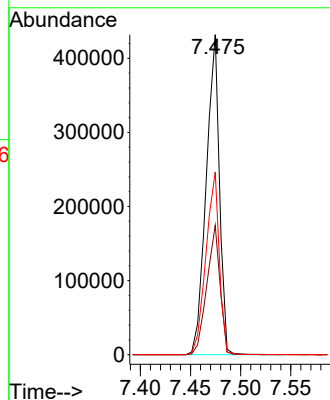
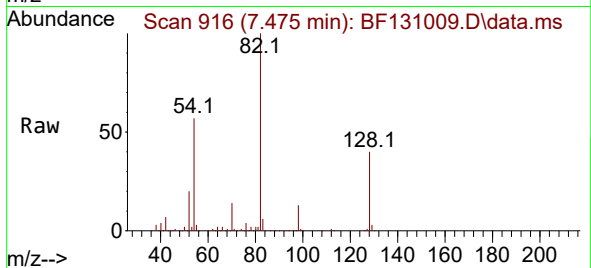
Tgt Ion: 82 Resp: 397789

Ion Ratio Lower Upper

82 100

128 40.5 31.2 46.8

54 57.1 48.0 72.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.957 min Scan# 1338

Delta R.T. -0.006 min

Lab File: BF131009.D

Acq: 05 Nov 2022 01:14

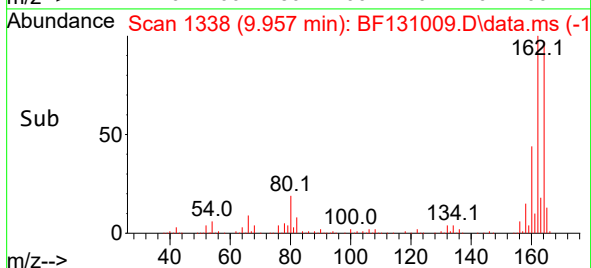
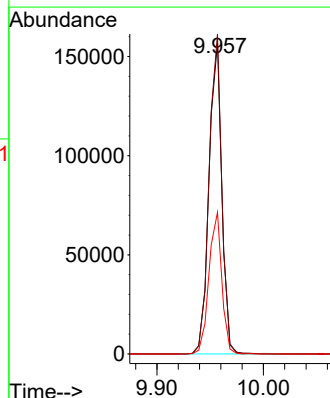
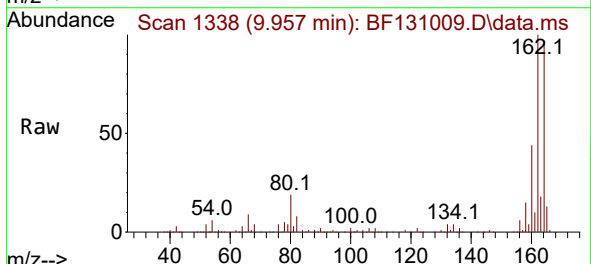
Tgt Ion: 164 Resp: 131700

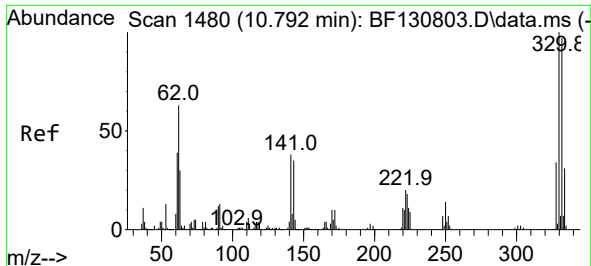
Ion Ratio Lower Upper

164 100

162 102.9 82.2 123.2

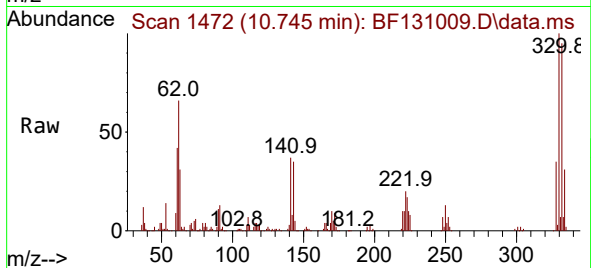
160 45.5 36.6 54.8



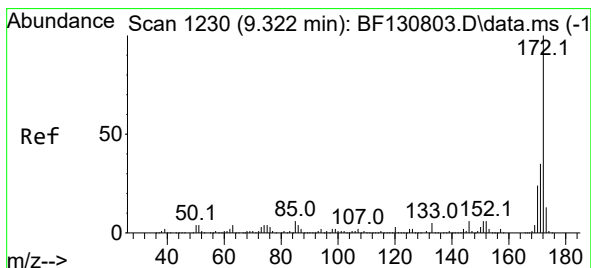
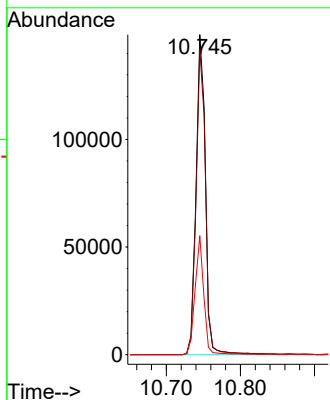
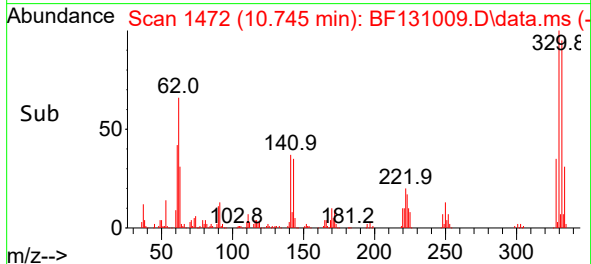


#42  
2,4,6-Tribromophenol  
Concen: 117.595 ng  
RT: 10.745 min Scan# 1480  
Delta R.T. -0.012 min  
Lab File: BF131009.D  
Acq: 05 Nov 2022 01:14

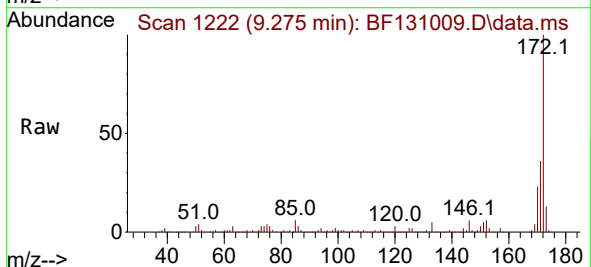
Instrument :  
BNA\_F  
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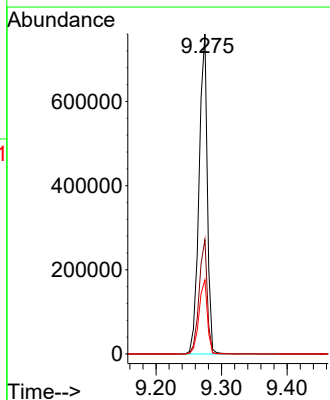
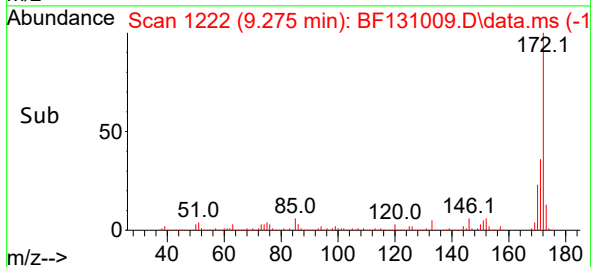
Tgt Ion:330 Resp: 130372  
Ion Ratio Lower Upper  
330 100  
332 95.7 76.2 114.4  
141 35.0 31.4 47.0

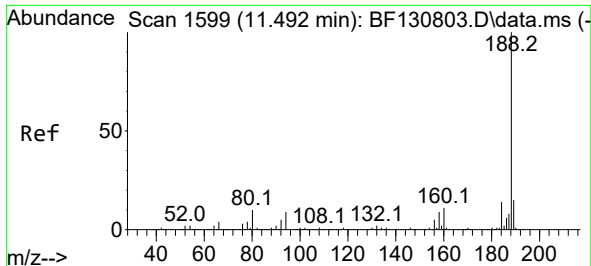


#45  
2-Fluorobiphenyl  
Concen: 76.858 ng  
RT: 9.275 min Scan# 1222  
Delta R.T. -0.006 min  
Lab File: BF131009.D  
Acq: 05 Nov 2022 01:14



Tgt Ion:172 Resp: 669506  
Ion Ratio Lower Upper  
172 100  
171 35.8 28.1 42.1  
170 23.2 19.0 28.4

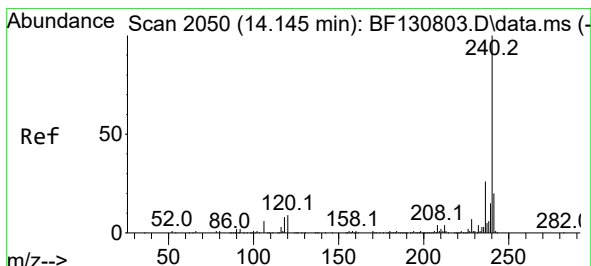
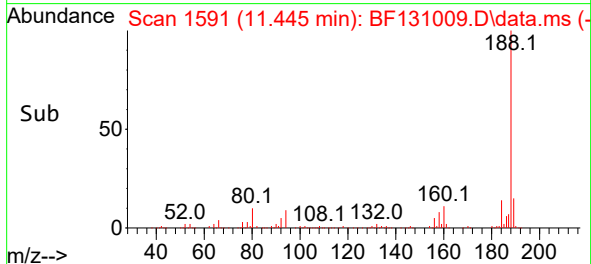
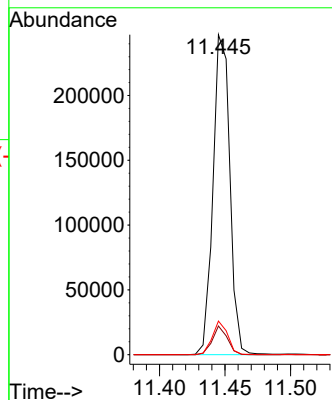
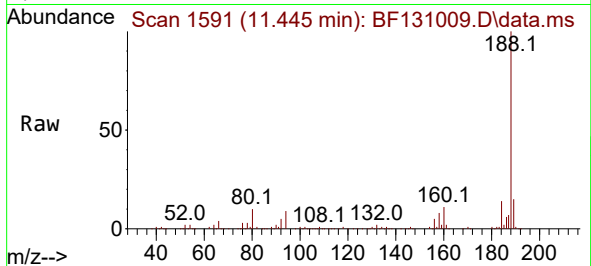




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.445 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: BF131009.D  
Acq: 05 Nov 2022 01:14

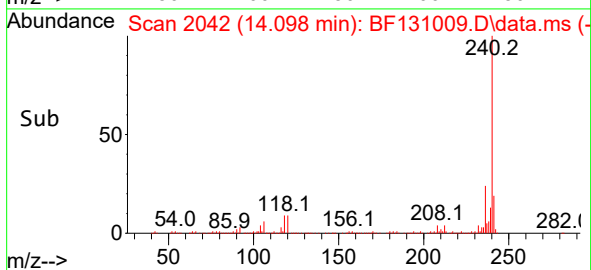
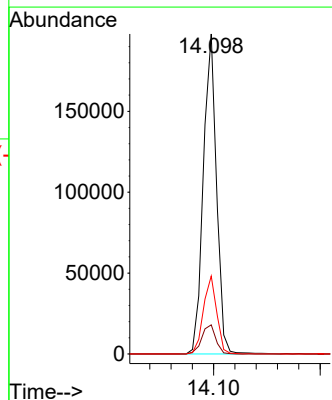
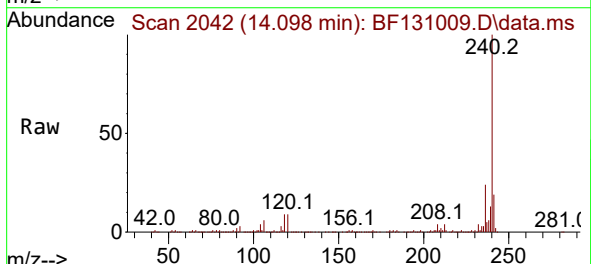
Instrument :  
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ClientSampleId :  
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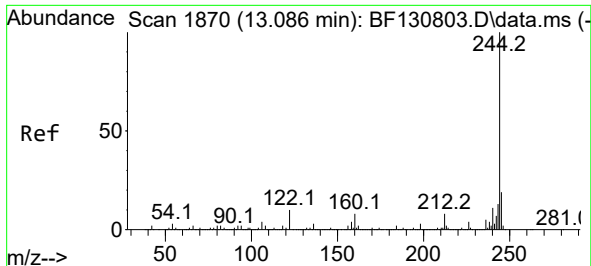
Tgt Ion:188 Resp: 220310  
Ion Ratio Lower Upper  
188 100  
94 8.9 7.4 11.2  
80 10.5 8.0 12.0



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.098 min Scan# 2042  
Delta R.T. -0.006 min  
Lab File: BF131009.D  
Acq: 05 Nov 2022 01:14

Tgt Ion:240 Resp: 170691  
Ion Ratio Lower Upper  
240 100  
120 9.1 7.0 10.4  
236 24.4 20.5 30.7

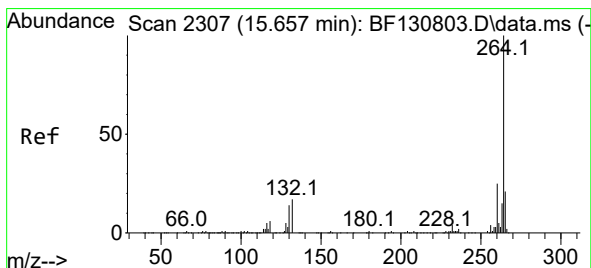
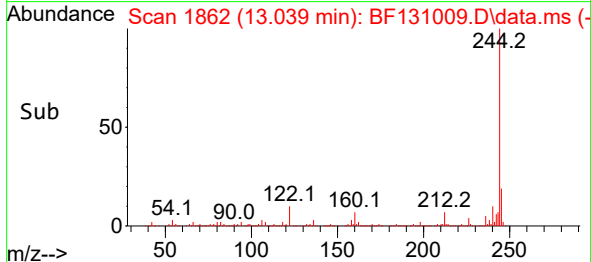
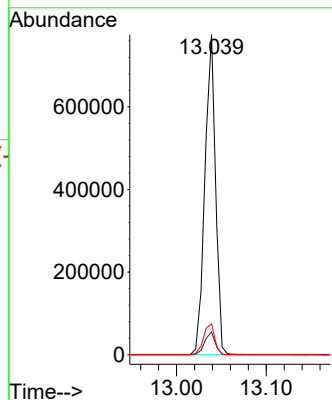
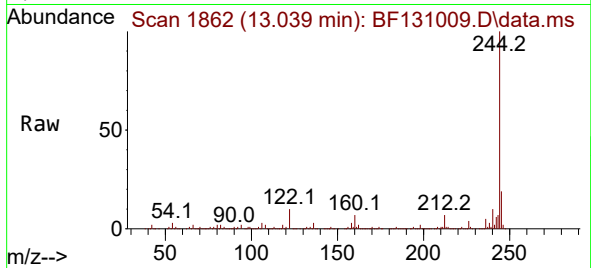




#79  
 Terphenyl-d14  
 Concen: 68.623 ng  
 RT: 13.039 min Scan# 11  
 Delta R.T. -0.006 min  
 Lab File: BF131009.D  
 Acq: 05 Nov 2022 01:14

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-03-COMP

Tgt Ion:244 Resp: 639220  
 Ion Ratio Lower Upper  
 244 100  
 212 7.1 6.2 9.2  
 122 9.6 7.9 11.9



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.604 min Scan# 2298  
 Delta R.T. -0.006 min  
 Lab File: BF131009.D  
 Acq: 05 Nov 2022 01:14

Tgt Ion:264 Resp: 178861  
 Ion Ratio Lower Upper  
 264 100  
 260 23.3 19.9 29.9  
 265 21.5 17.0 25.6

