

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF111020\  
 Data File : BF122291.D  
 Acq On : 10 Nov 2020 11:08  
 Operator : JU/CG  
 Sample : PB132384BL  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB132384BL

Quant Time: Nov 10 12:39:44 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF110920.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Nov 10 12:25:42 2020  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|--------|------|----------|-------|-------|----------|
| -----                       |        |      |          |       |       |          |
| Internal Standards          |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.863  | 152  | 285167   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.151  | 136  | 1098838  | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.904  | 164  | 577739   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.386 | 188  | 1064350  | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12            | 14.021 | 240  | 945698   | 20.00 | ng    | -0.01    |
| 86) Perylene-d12            | 15.492 | 264  | 920138   | 20.00 | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |       |       |          |
| 5) 2-Fluorophenol           | 5.487  | 112  | 1856917  | 99.99 | ng    | 0.01     |
| 7) Phenol-d6                | 6.486  | 99   | 2326733  | 95.77 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.422  | 82   | 1516566  | 84.49 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 10.692 | 330  | 581192   | 93.73 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.227  | 172  | 2735693  | 73.98 | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.980 | 244  | 2871917  | 64.34 | ng    | 0.00     |

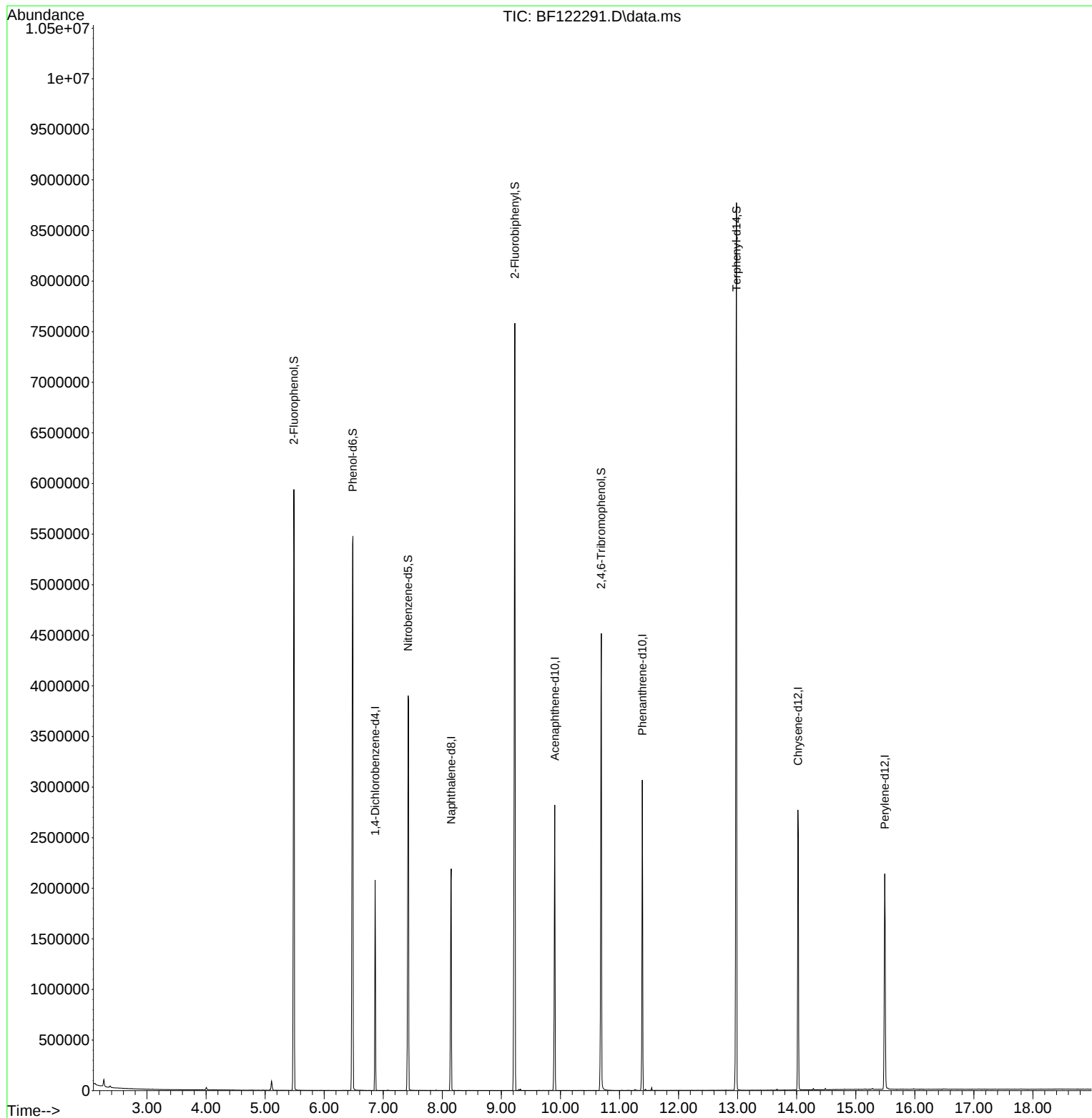
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

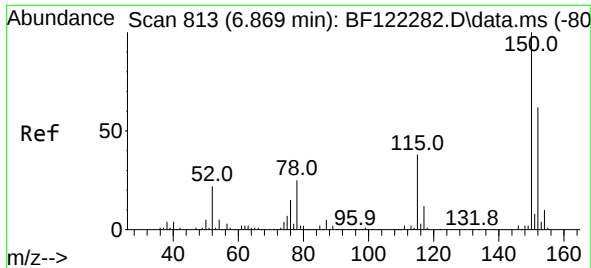
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF111020\  
Data File : BF122291.D  
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Misc :  
ALS Vial : 4 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Nov 10 12:25:42 2020  
Response via : Initial Calibration

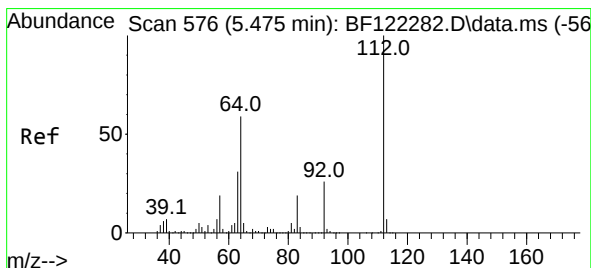
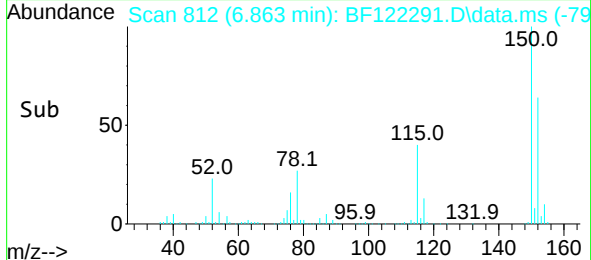
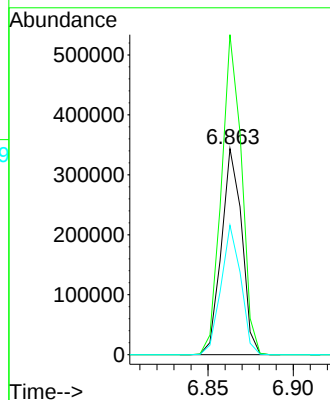
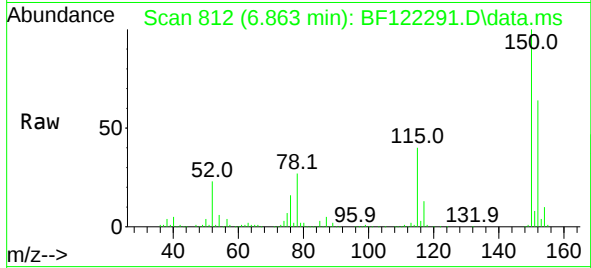




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 6.863 min Scan# 812  
Delta R.T. -0.006 min  
Lab File: BF122291.D  
Acq: 10 Nov 2020 11:08

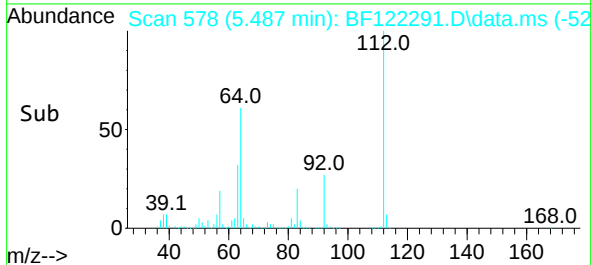
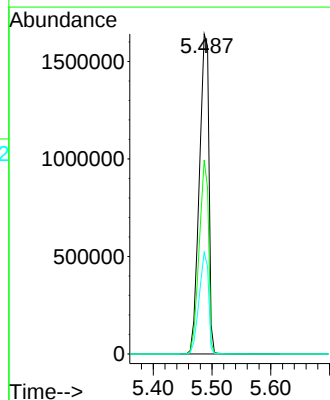
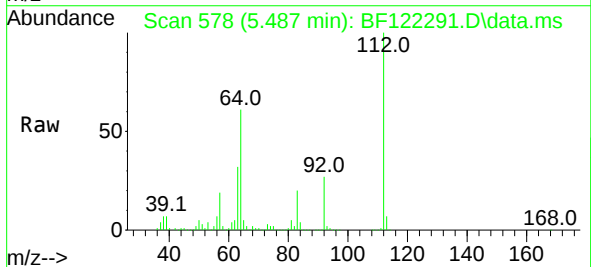
Instrument :  
BNA\_F  
ClientSampleId :  
PB132384BL

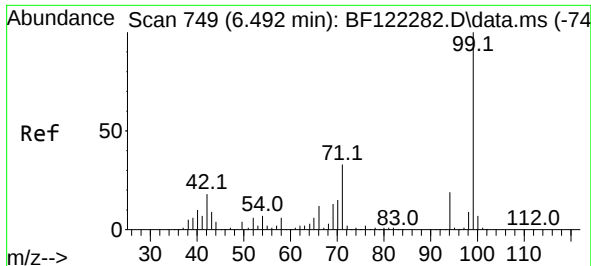
Tgt Ion:152 Resp: 285167  
Ion Ratio Lower Upper  
152 100  
150 155.3 125.3 187.9  
115 62.8 51.9 77.9



#5  
2-Fluorophenol  
Concen: 99.99 ng  
RT: 5.487 min Scan# 578  
Delta R.T. 0.012 min  
Lab File: BF122291.D  
Acq: 10 Nov 2020 11:08

Tgt Ion:112 Resp: 1856917  
Ion Ratio Lower Upper  
112 100  
64 60.6 50.4 75.6  
63 31.8 25.8 38.6

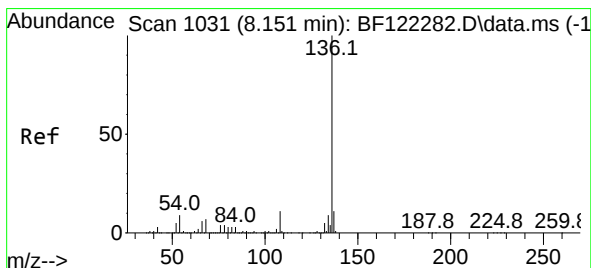
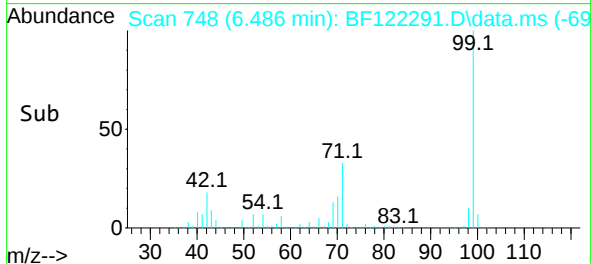
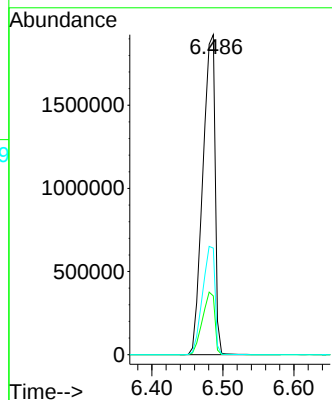
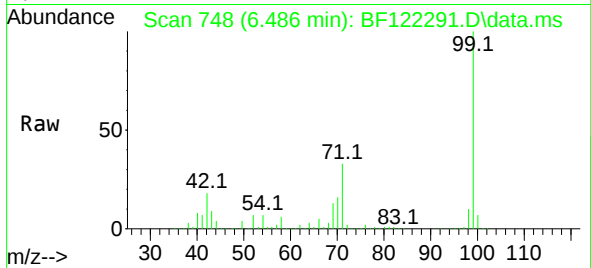




#7  
Phenol-d6  
Concen: 95.77 ng  
RT: 6.486 min Scan# 748  
Delta R.T. -0.006 min  
Lab File: BF122291.D  
Acq: 10 Nov 2020 11:08

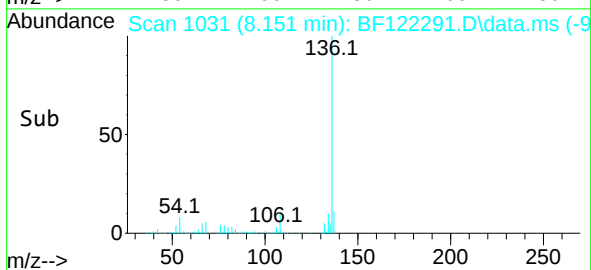
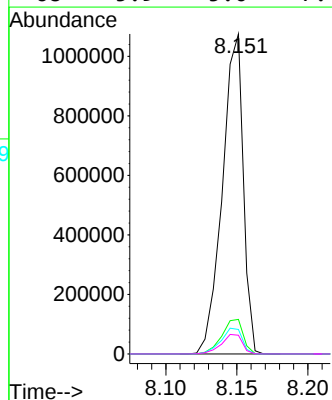
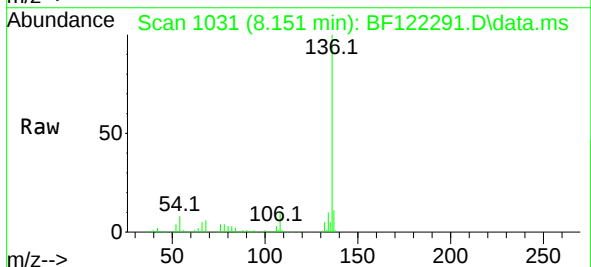
Instrument :  
BNA\_F  
ClientSampleId :  
PB132384BL

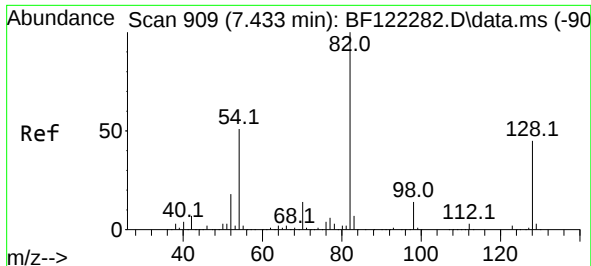
Tgt Ion: 99 Resp: 2326733  
Ion Ratio Lower Upper  
99 100  
42 18.4 15.9 23.9  
71 33.3 27.1 40.7



#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 8.151 min Scan# 1031  
Delta R.T. 0.000 min  
Lab File: BF122291.D  
Acq: 10 Nov 2020 11:08

Tgt Ion:136 Resp: 1098838  
Ion Ratio Lower Upper  
136 100  
137 10.8 8.6 13.0  
54 7.6 7.1 10.7  
68 5.9 5.0 7.4





#23

Nitrobenzene-d5

Concen: 84.49 ng

RT: 7.422 min Scan# 907

Delta R.T. -0.012 min

Lab File: BF122291.D

Acq: 10 Nov 2020 11:08

Tgt Ion: 82 Resp: 1516566

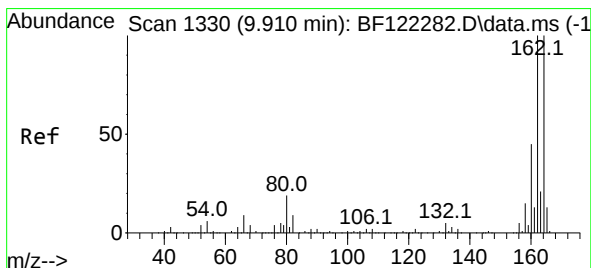
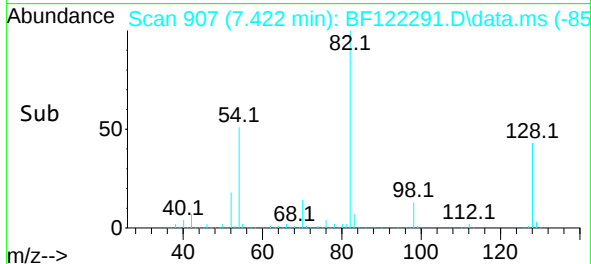
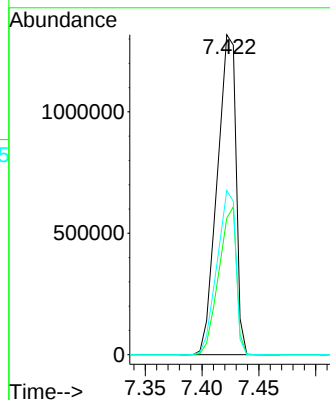
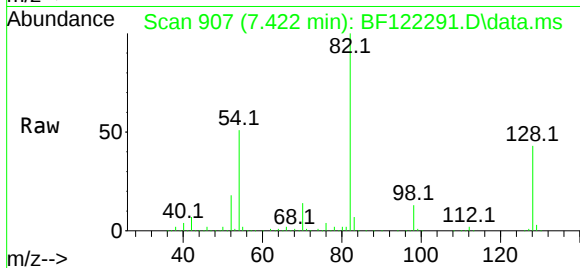
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 42.7  | 35.0  | 52.4  |
| 54  | 51.3  | 43.9  | 65.9  |

Instrument :

BNA\_F

ClientSampleId :

PB132384BL



#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.904 min Scan# 1329

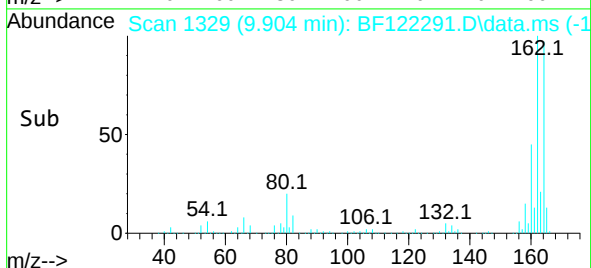
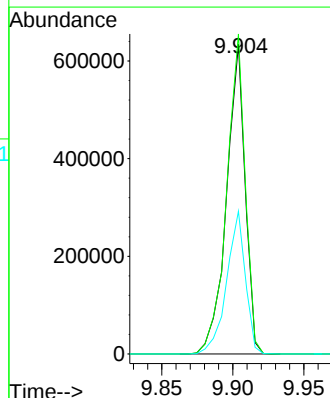
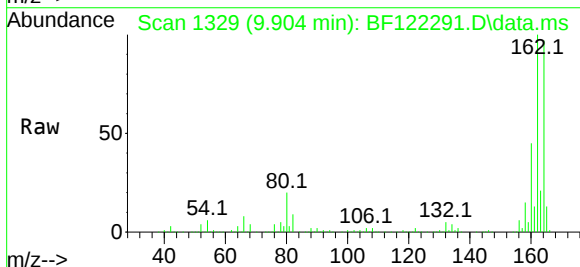
Delta R.T. -0.006 min

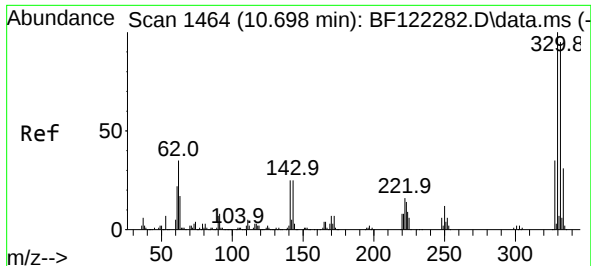
Lab File: BF122291.D

Acq: 10 Nov 2020 11:08

Tgt Ion:164 Resp: 577739

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 162 | 103.4 | 83.2  | 124.8 |
| 160 | 46.1  | 37.5  | 56.3  |

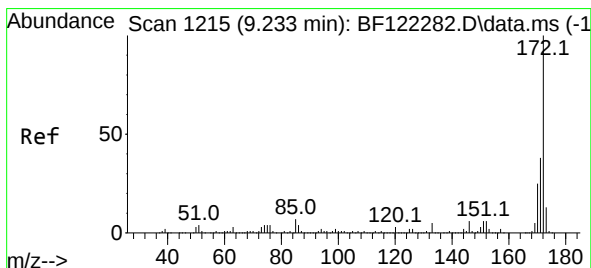
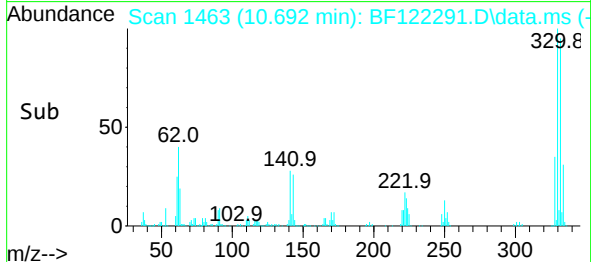
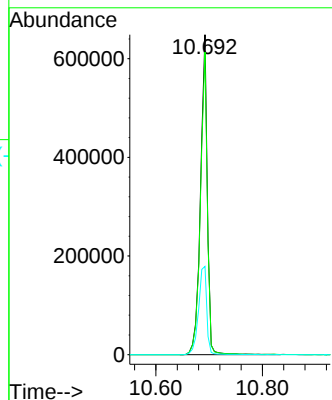
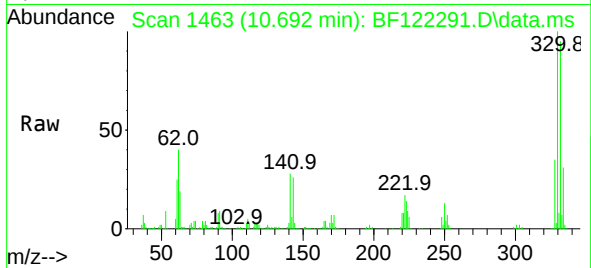




#42  
2,4,6-Tribromophenol  
Concen: 93.73 ng  
RT: 10.692 min Scan# 1463  
Delta R.T. -0.006 min  
Lab File: BF122291.D  
Acq: 10 Nov 2020 11:08

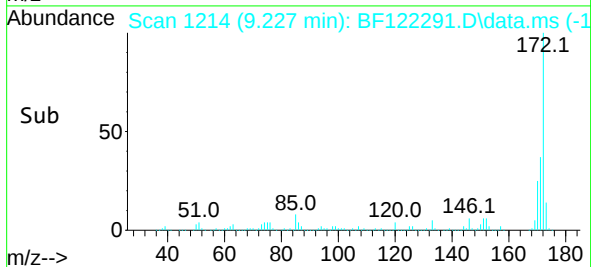
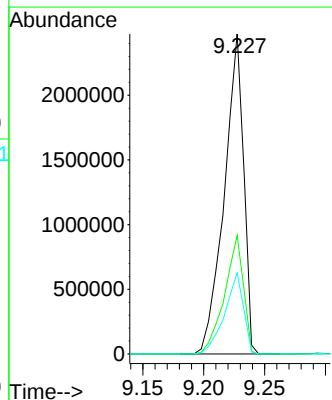
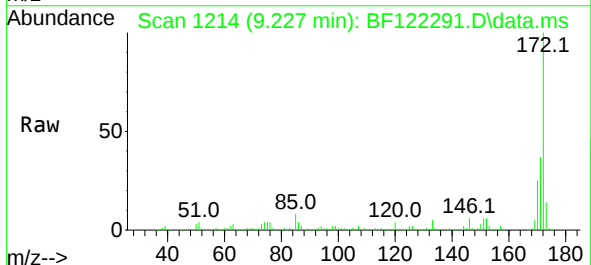
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BNA\_F  
ClientSampleId :  
PB132384BL

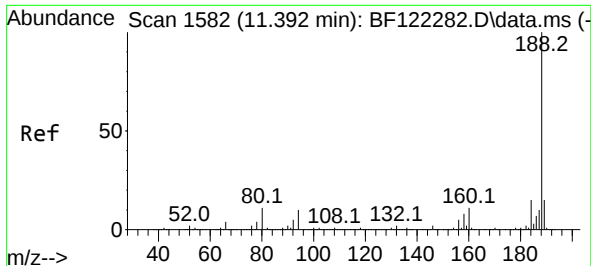
Tgt Ion: 330 Resp: 581192  
Ion Ratio Lower Upper  
330 100  
332 95.4 77.3 115.9  
141 33.2 22.3 33.5



#45  
2-Fluorobiphenyl  
Concen: 73.98 ng  
RT: 9.227 min Scan# 1214  
Delta R.T. -0.006 min  
Lab File: BF122291.D  
Acq: 10 Nov 2020 11:08

Tgt Ion: 172 Resp: 2735693  
Ion Ratio Lower Upper  
172 100  
171 37.0 29.1 43.7  
170 25.3 19.8 29.6

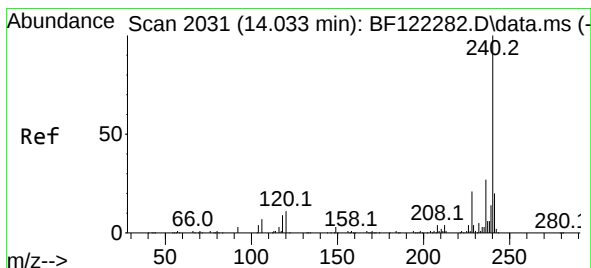
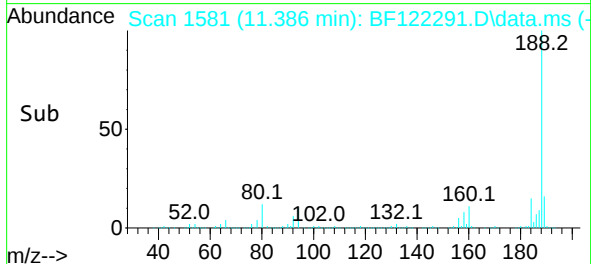
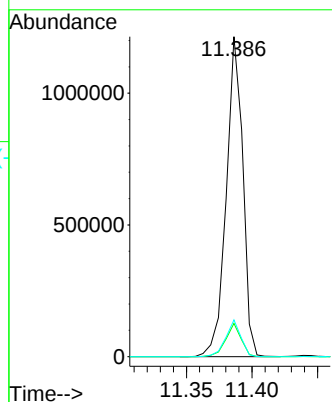
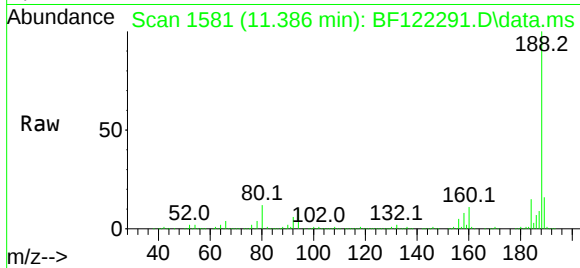




#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.386 min Scan# 1581  
Delta R.T. -0.006 min  
Lab File: BF122291.D  
Acq: 10 Nov 2020 11:08

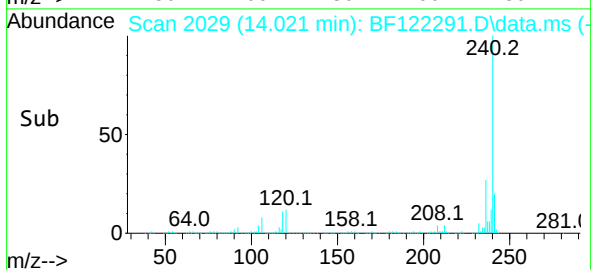
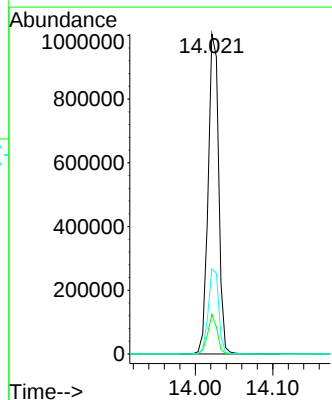
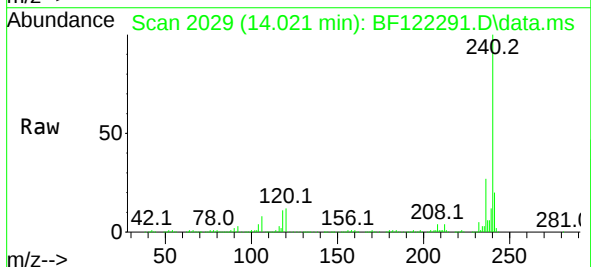
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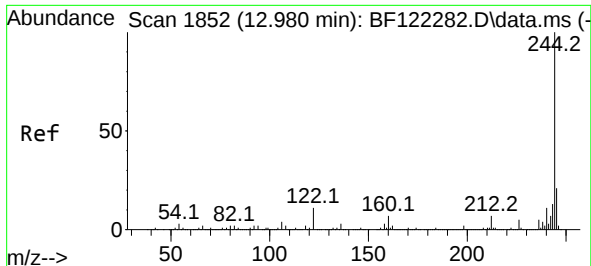
Tgt Ion:188 Resp: 1064350  
Ion Ratio Lower Upper  
188 100  
94 10.4 8.3 12.5  
80 11.5 9.1 13.7



#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 14.021 min Scan# 2029  
Delta R.T. -0.012 min  
Lab File: BF122291.D  
Acq: 10 Nov 2020 11:08

Tgt Ion:240 Resp: 945698  
Ion Ratio Lower Upper  
240 100  
120 12.3 9.2 13.8  
236 26.5 20.9 31.3

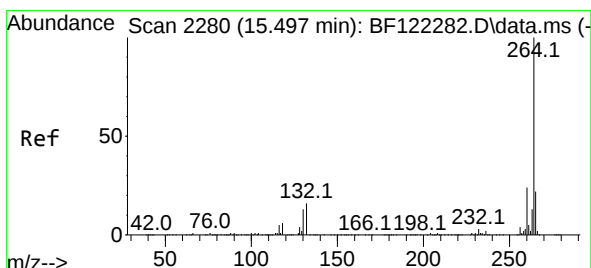
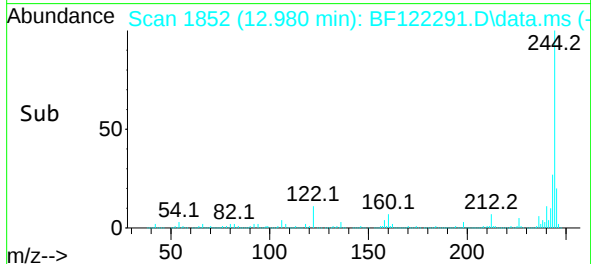
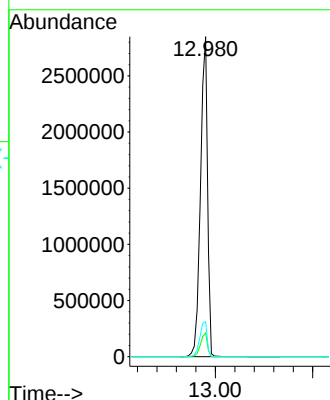
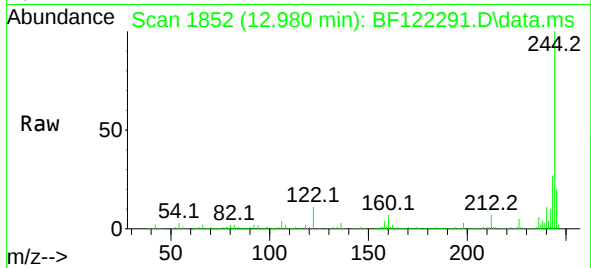




#79  
 Terphenyl-d14  
 Concen: 64.34 ng  
 RT: 12.980 min Scan# 1852  
 Delta R.T. 0.000 min  
 Lab File: BF122291.D  
 Acq: 10 Nov 2020 11:08

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB132384BL

Tgt Ion:244 Resp: 2871917  
 Ion Ratio Lower Upper  
 244 100  
 212 7.4 5.4 8.2  
 122 10.9 8.1 12.1



#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 15.492 min Scan# 2279  
 Delta R.T. -0.006 min  
 Lab File: BF122291.D  
 Acq: 10 Nov 2020 11:08

Tgt Ion:264 Resp: 920138  
 Ion Ratio Lower Upper  
 264 100  
 260 24.4 18.7 28.1  
 265 21.5 17.3 25.9

