

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF112020\  
 Data File : BF122407.D  
 Acq On : 20 Nov 2020 17:11  
 Operator : JU/CG  
 Sample : L4809-11  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MS-CON-F

Quant Time: Nov 20 17:38:25 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF110920.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Nov 20 13:27:02 2020  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|--------|------|----------|-------|-------|----------|
| -----                       |        |      |          |       |       |          |
| Internal Standards          |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.863  | 152  | 213545   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.151  | 136  | 831697   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.910  | 164  | 465145   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.398 | 188  | 820776   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12            | 14.045 | 240  | 868049   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12            | 15.527 | 264  | 926610   | 20.00 | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |       |       |          |
| 5) 2-Fluorophenol           | 5.481  | 112  | 6801     | 0.49  | ng    | -0.01    |
| 7) Phenol-d6                | 6.486  | 99   | 175689   | 9.66  | ng    | -0.02    |
| 23) Nitrobenzene-d5         | 7.422  | 82   | 747221   | 55.00 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 0.000  | 330  | 0        | 0.00  | ng    |          |
| 45) 2-Fluorobiphenyl        | 9.227  | 172  | 1484267  | 49.86 | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.992 | 244  | 1709440  | 41.72 | ng    | 0.00     |

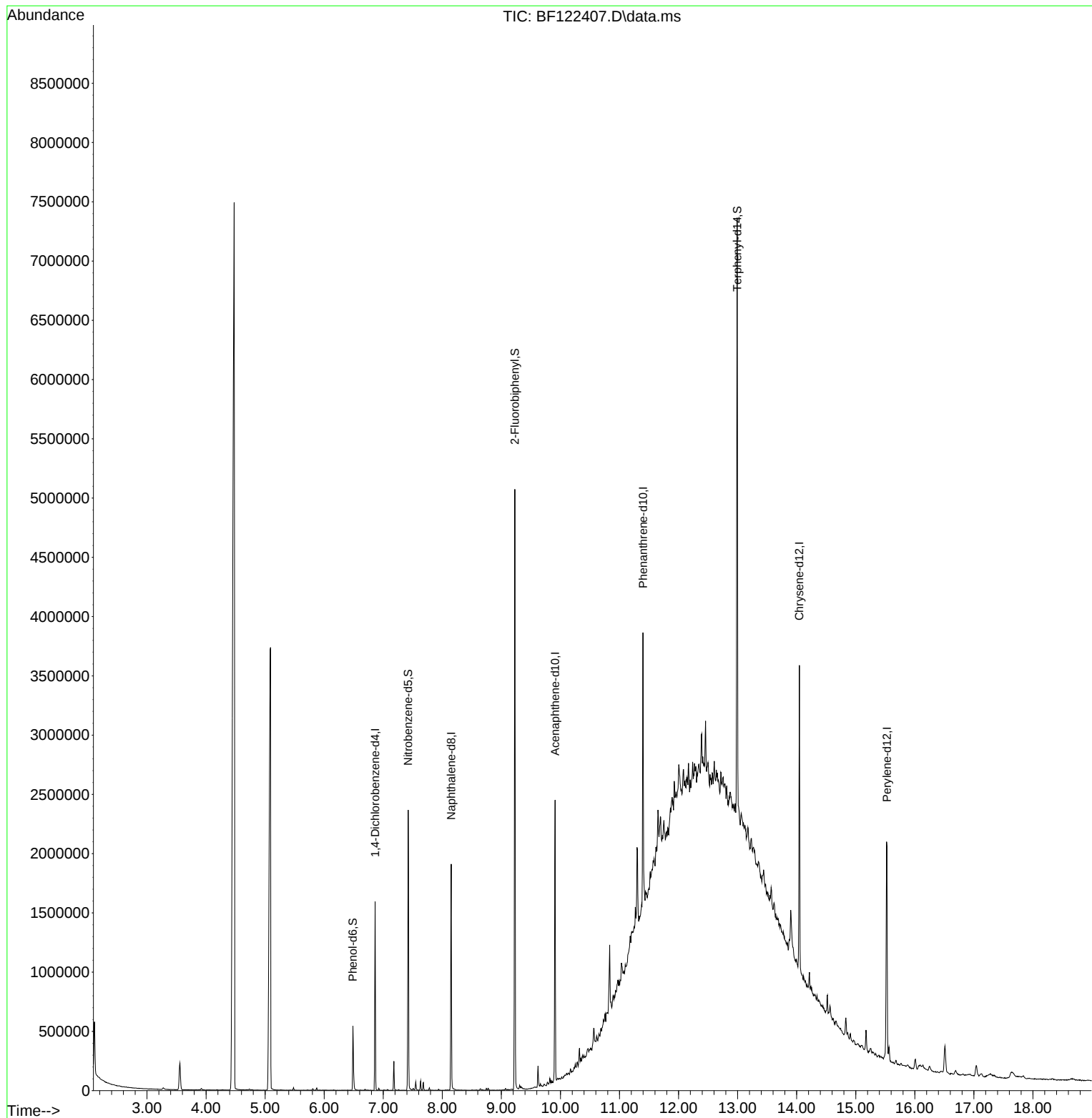
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

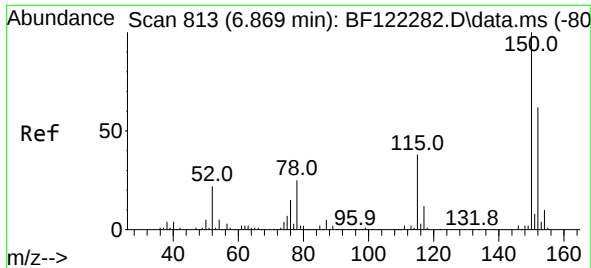
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 11 Sample Multiplier: 1

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QLast Update : Fri Nov 20 13:27:02 2020  
Response via : Initial Calibration

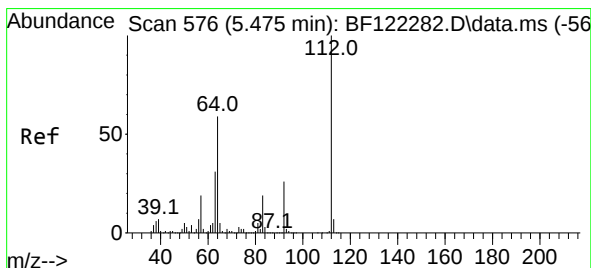
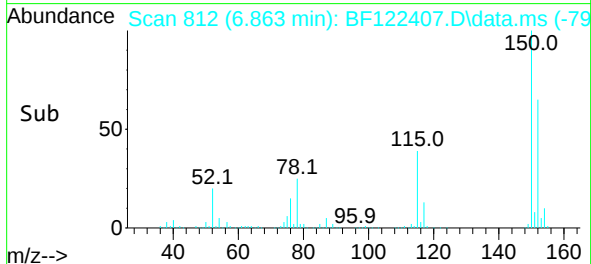
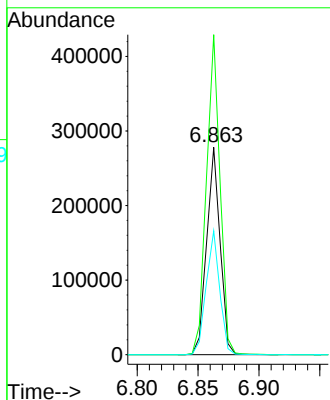
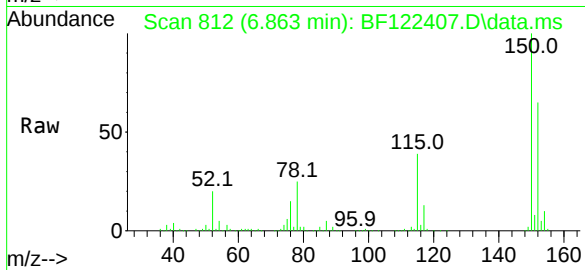




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.00 ng  
 RT: 6.863 min Scan# 812  
 Delta R.T. -0.006 min  
 Lab File: BF122407.D  
 Acq: 20 Nov 2020 17:11

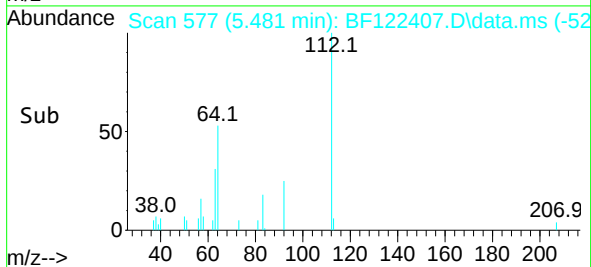
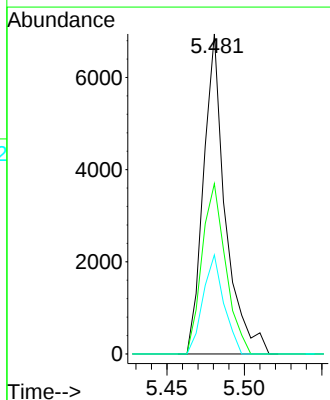
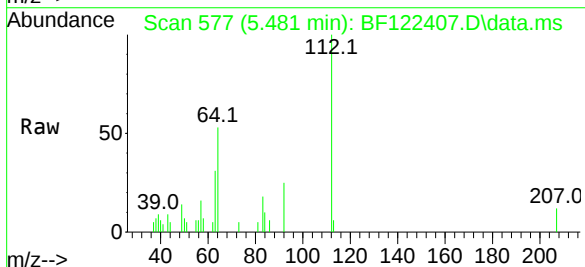
Instrument :  
 BNA\_F  
 ClientSampleId :  
 MS-CON-F

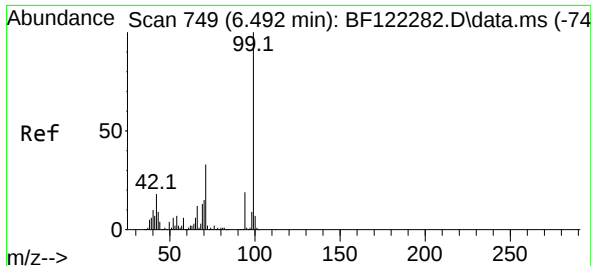
Tgt Ion:152 Resp: 213545  
 Ion Ratio Lower Upper  
 152 100  
 150 154.3 125.3 187.9  
 115 59.7 51.9 77.9



#5  
 2-Fluorophenol  
 Concen: 0.49 ng  
 RT: 5.481 min Scan# 577  
 Delta R.T. -0.012 min  
 Lab File: BF122407.D  
 Acq: 20 Nov 2020 17:11

Tgt Ion:112 Resp: 6801  
 Ion Ratio Lower Upper  
 112 100  
 64 53.2 50.4 75.6  
 63 31.0 25.8 38.6

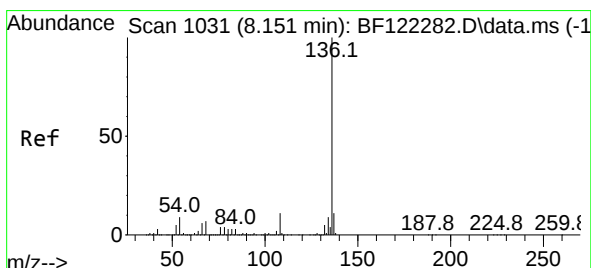
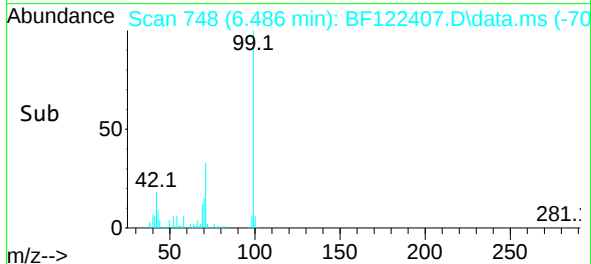
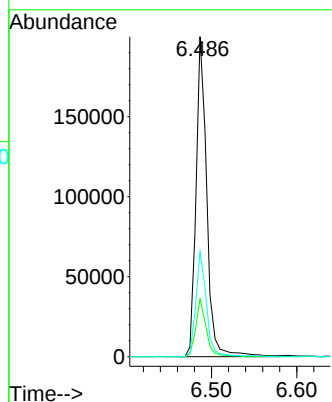
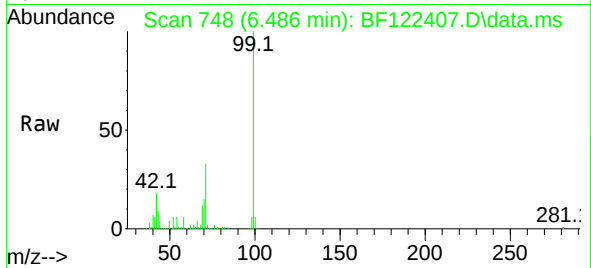




#7  
Phenol-d6  
Concen: 9.66 ng  
RT: 6.486 min Scan# 748  
Delta R.T. -0.024 min  
Lab File: BF122407.D  
Acq: 20 Nov 2020 17:11

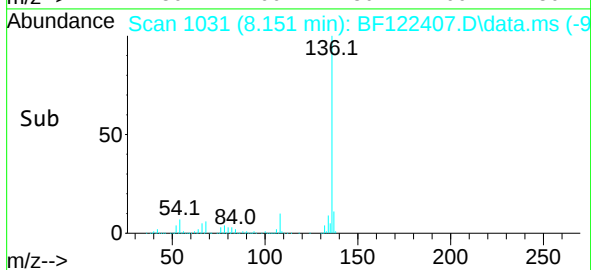
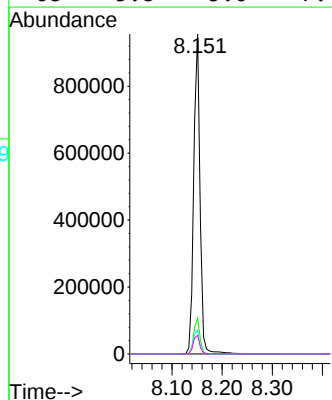
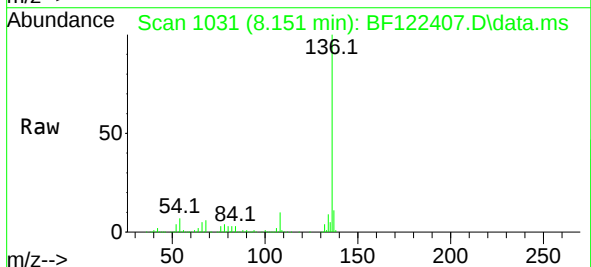
Instrument :  
BNA\_F  
ClientSampleId :  
MS-CON-F

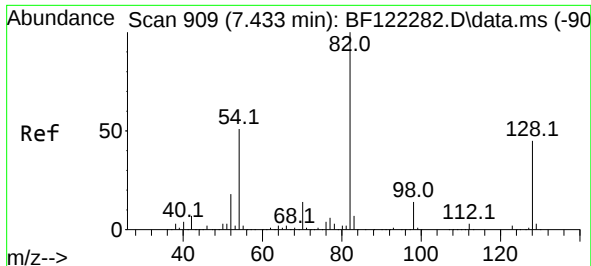
Tgt Ion: 99 Resp: 175689  
Ion Ratio Lower Upper  
99 100  
42 18.0 15.9 23.9  
71 32.8 27.1 40.7



#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 8.151 min Scan# 1031  
Delta R.T. -0.006 min  
Lab File: BF122407.D  
Acq: 20 Nov 2020 17:11

Tgt Ion: 136 Resp: 831697  
Ion Ratio Lower Upper  
136 100  
137 11.1 8.6 13.0  
54 7.4 7.1 10.7  
68 5.8 5.0 7.4





#23

Nitrobenzene-d5

Concen: 55.00 ng

RT: 7.422 min Scan# 907

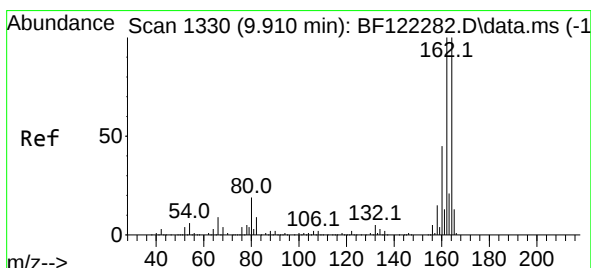
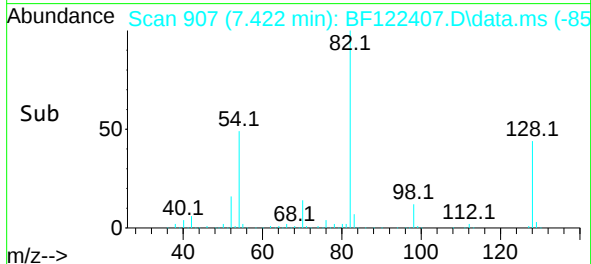
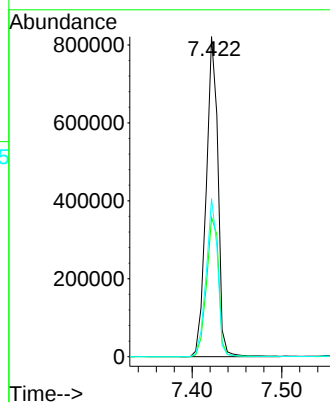
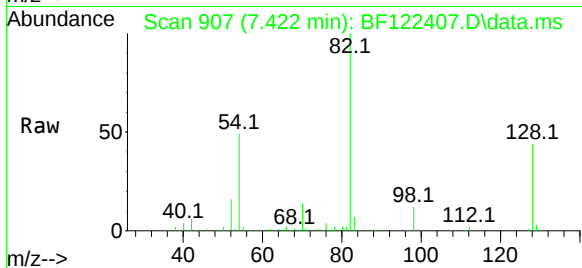
Delta R.T. -0.012 min

Lab File: BF122407.D

Acq: 20 Nov 2020 17:11

Tgt Ion: 82 Resp: 747221

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 43.5  | 35.0  | 52.4  |
| 54  | 49.4  | 43.9  | 65.9  |



#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.910 min Scan# 1330

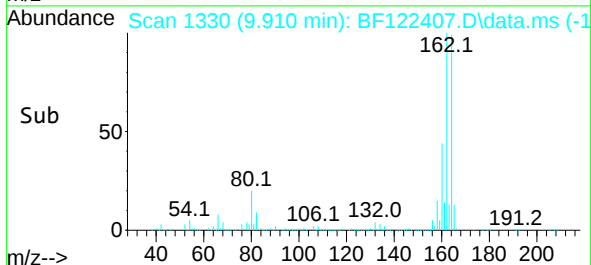
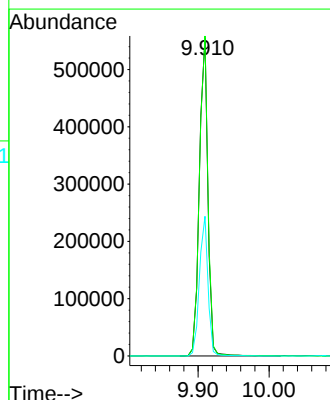
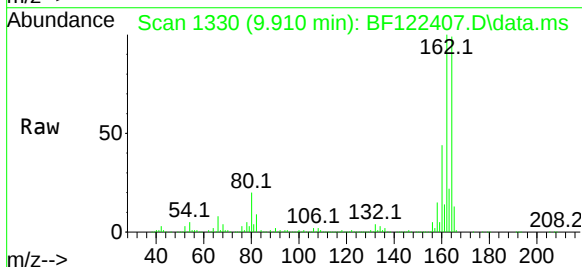
Delta R.T. -0.006 min

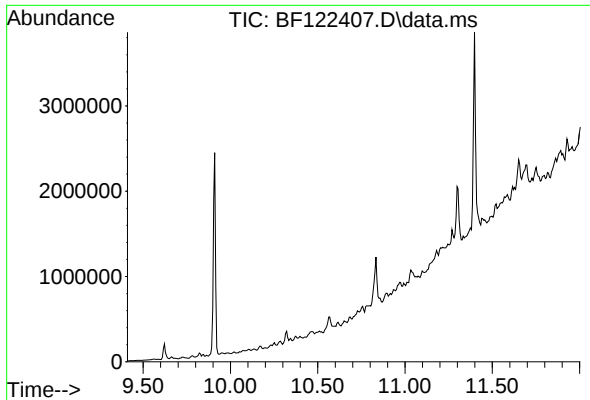
Lab File: BF122407.D

Acq: 20 Nov 2020 17:11

Tgt Ion: 164 Resp: 465145

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 162 | 100.6 | 83.2  | 124.8 |
| 160 | 43.9  | 37.5  | 56.3  |



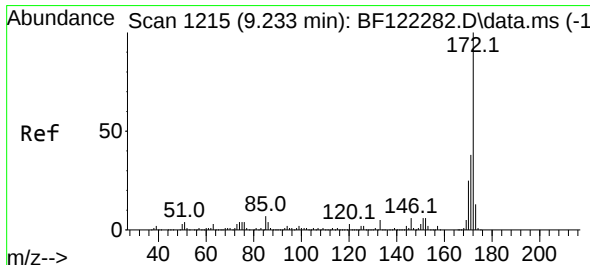
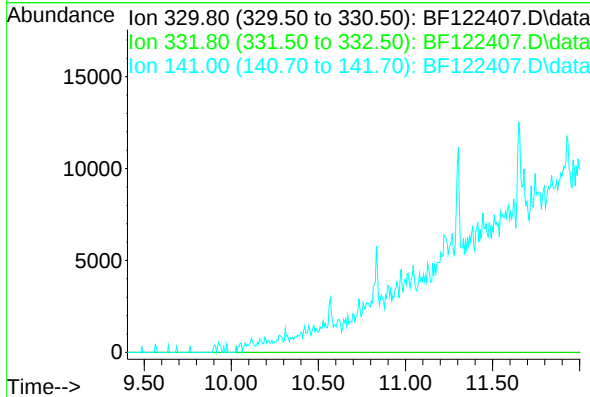


#42  
2,4,6-Tribromophenol  
Concen: 0.00 ng  
Expected RT: 10.70 min

Lab File: BF122407.D  
Acq: 20 Nov 2020 17:11

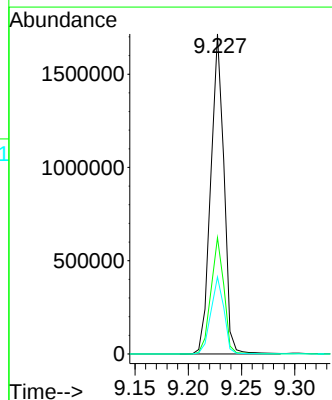
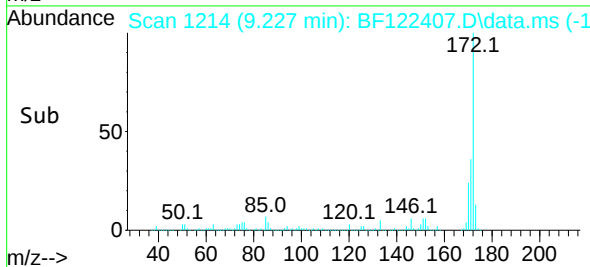
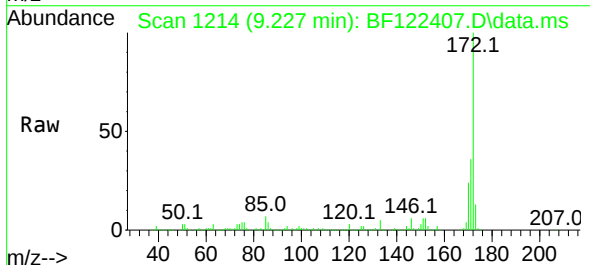
Tgt Ion: 330  
Sig Exp Ratio  
330 100  
332 96.6  
141 27.9

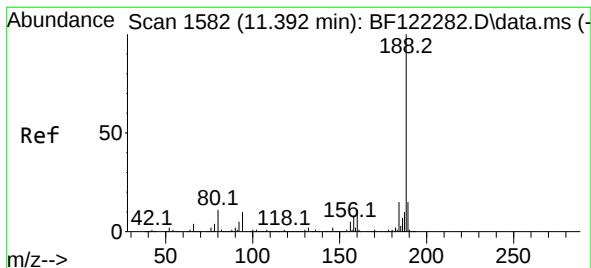
Instrument :  
BNA\_F  
ClientSampleId :  
MS-CON-F



#45  
2-Fluorobiphenyl  
Concen: 49.86 ng  
RT: 9.227 min Scan# 1214  
Delta R.T. -0.006 min  
Lab File: BF122407.D  
Acq: 20 Nov 2020 17:11

Tgt Ion: 172 Resp: 1484267  
Ion Ratio Lower Upper  
172 100  
171 36.4 29.1 43.7  
170 24.1 19.8 29.6





#64

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.398 min Scan# 1583

Delta R.T. -0.006 min

Lab File: BF122407.D

Acq: 20 Nov 2020 17:11

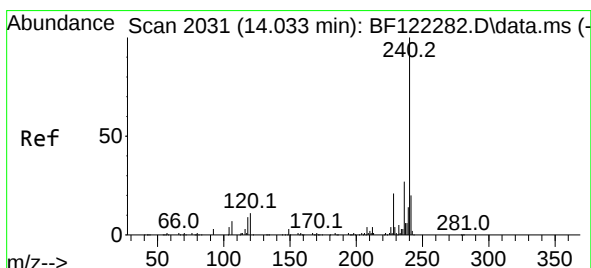
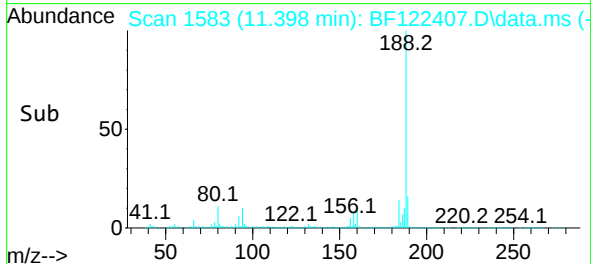
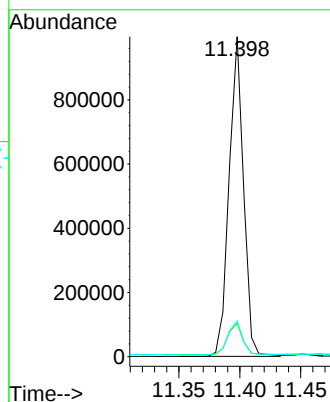
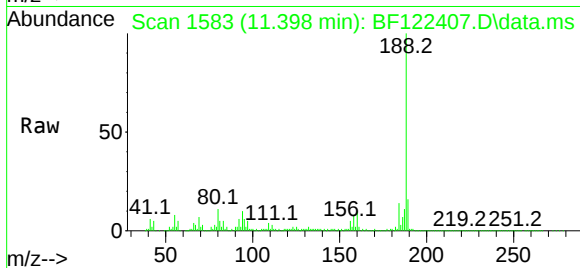
Tgt Ion:188 Resp: 820776

Ion Ratio Lower Upper

188 100

94 10.5 8.3 12.5

80 11.2 9.1 13.7



#76

Chrysene-d12

Concen: 20.00 ng

RT: 14.045 min Scan# 2033

Delta R.T. -0.006 min

Lab File: BF122407.D

Acq: 20 Nov 2020 17:11

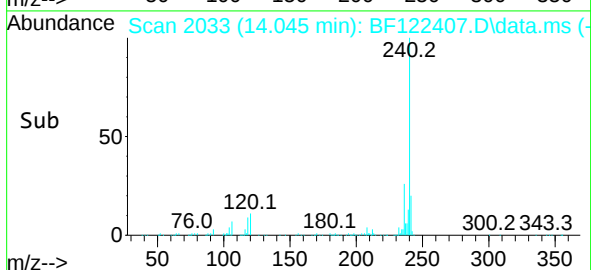
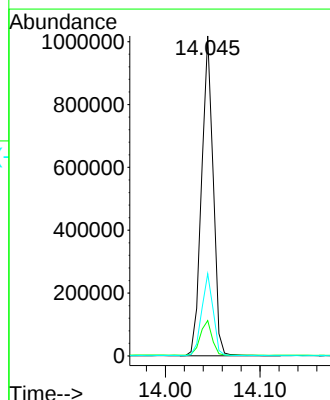
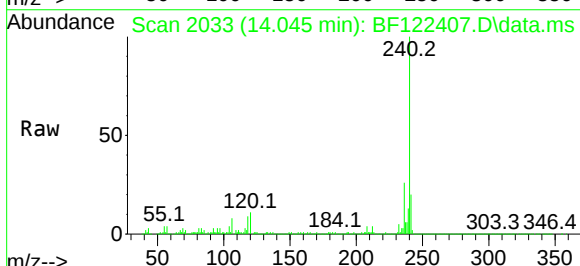
Tgt Ion:240 Resp: 868049

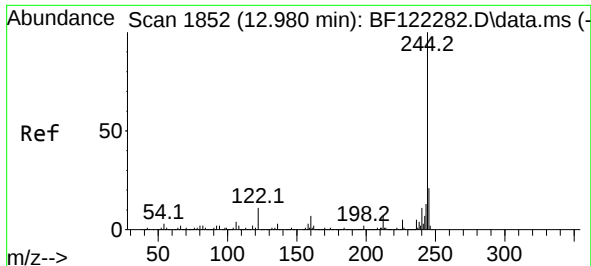
Ion Ratio Lower Upper

240 100

120 11.0 9.2 13.8

236 25.7 20.9 31.3

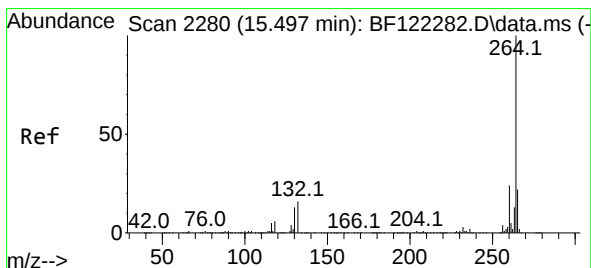
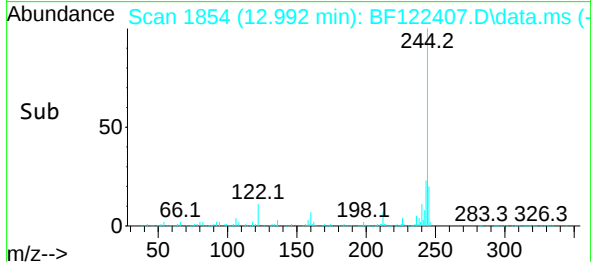
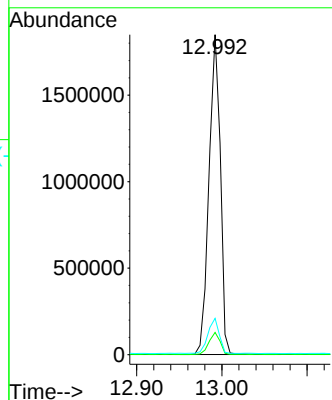
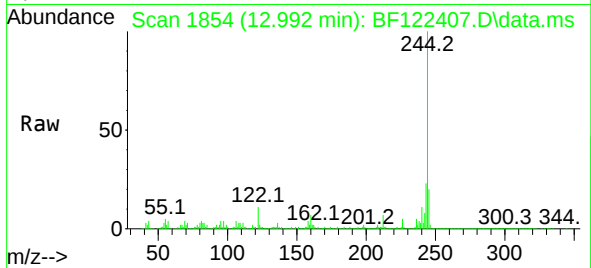




#79  
 Terphenyl-d14  
 Concen: 41.72 ng  
 RT: 12.992 min Scan# 1854  
 Delta R.T. -0.000 min  
 Lab File: BF122407.D  
 Acq: 20 Nov 2020 17:11

Instrument :  
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Tgt Ion:244 Resp: 1709440  
 Ion Ratio Lower Upper  
 244 100  
 212 7.0 5.4 8.2  
 122 11.3 8.1 12.1



#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 15.527 min Scan# 2285  
 Delta R.T. -0.006 min  
 Lab File: BF122407.D  
 Acq: 20 Nov 2020 17:11

Tgt Ion:264 Resp: 926610  
 Ion Ratio Lower Upper  
 264 100  
 260 23.5 18.7 28.1  
 265 21.4 17.3 25.9

