

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF050823\  
 Data File : BF133290.D  
 Acq On : 08 May 2023 12:38  
 Operator : CG\JU  
 Sample : PB152610BL  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB152610BL

Quant Time: May 09 05:03:01 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF042123.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue May 09 04:59:36 2023  
 Response via : Initial Calibration

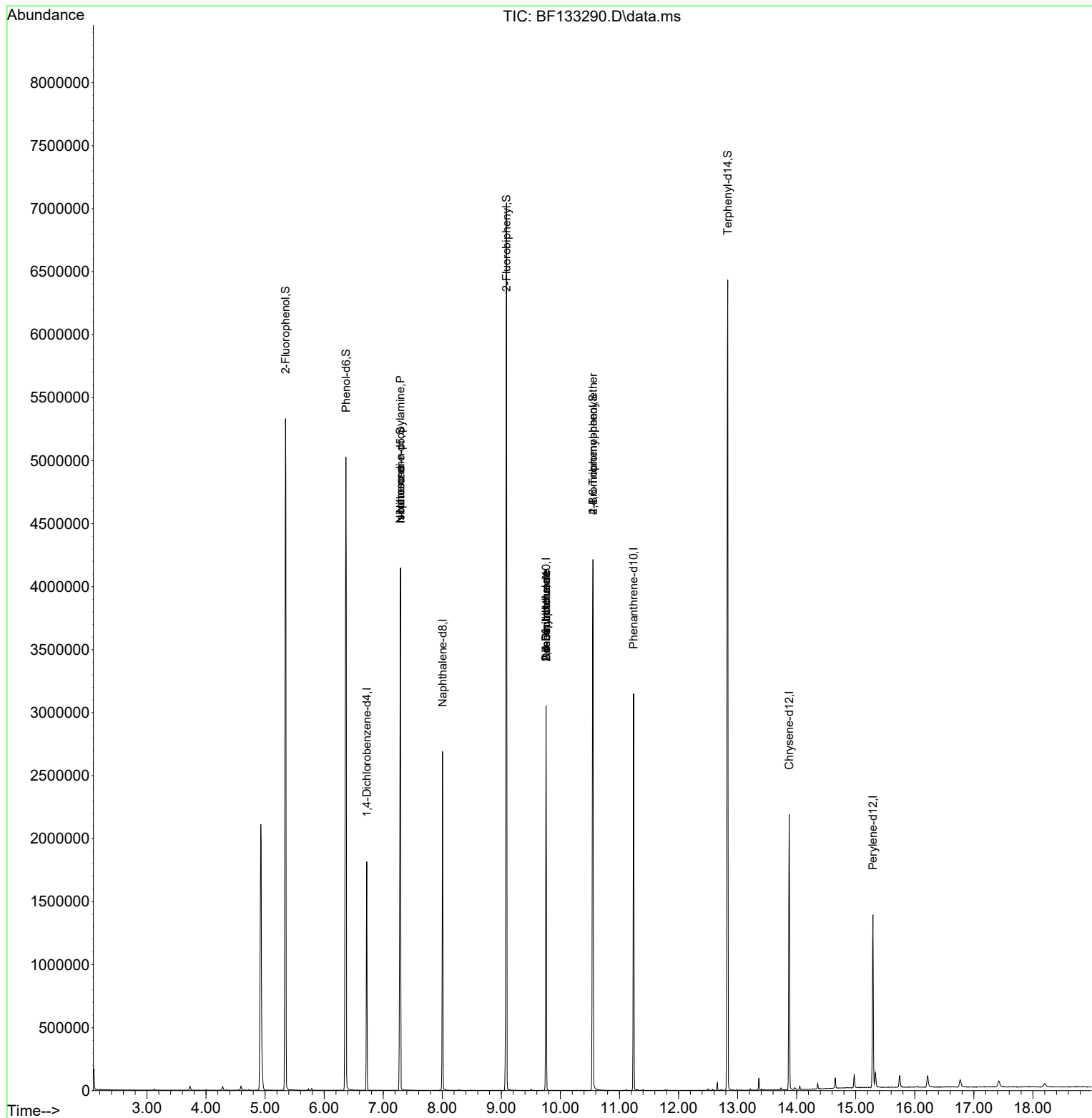
| Compound                      | R.T.   | QIon | Response | Conc      | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|-----------|--------|----------|
| -----                         |        |      |          |           |        |          |
| Internal Standards            |        |      |          |           |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.722  | 152  | 241483   | 20.000    | ng     | 0.00     |
| 21) Naphthalene-d8            | 8.004  | 136  | 1042816  | 20.000    | ng     | 0.00     |
| 39) Acenaphthene-d10          | 9.757  | 164  | 565162   | 20.000    | ng     | 0.00     |
| 64) Phenanthrene-d10          | 11.239 | 188  | 1051218  | 20.000    | ng     | 0.00     |
| 76) Chrysene-d12              | 13.874 | 240  | 691408   | 20.000    | ng     | 0.00     |
| 86) Perylene-d12              | 15.292 | 264  | 548780   | 20.000    | ng     | 0.00     |
| System Monitoring Compounds   |        |      |          |           |        |          |
| 5) 2-Fluorophenol             | 5.346  | 112  | 1900123  | 118.863   | ng     | 0.02     |
| 7) Phenol-d6                  | 6.369  | 99   | 2337065  | 117.785   | ng     | 0.00     |
| 23) Nitrobenzene-d5           | 7.292  | 82   | 1422417  | 73.625    | ng     | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.551 | 330  | 594824   | 104.653   | ng     | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.086  | 172  | 2358327  | 69.811    | ng     | 0.00     |
| 79) Terphenyl-d14             | 12.833 | 244  | 2713297  | 67.681    | ng     | 0.00     |
| Target Compounds              |        |      |          |           |        |          |
|                               |        |      |          |           | Qvalue |          |
| 9) Benzaldehyde               | 6.369  | 77   | 3746     | Below Cal | #      | 1        |
| 19) n-Nitroso-di-n-propyla... | 7.292  | 70   | 190677   | 15.436    | ng     | # 76     |
| 25) Isophorone                | 7.292  | 82   | 1417555  | 38.645    | ng     | # 63     |
| 50) Dimethylphthalate         | 9.757  | 163  | 111600   | 2.832     | ng     | # 1      |
| 51) 2,6-Dinitrotoluene        | 9.757  | 165  | 72968    | 8.227     | ng     | # 24     |
| 57) 2,4-Dinitrotoluene        | 9.757  | 165  | 72968    | 6.451     | ng     | # 23     |
| 67) 4-Bromophenyl-phenylether | 10.551 | 248  | 36320    | 3.186     | ng     | # 1      |
| -----                         |        |      |          |           |        |          |

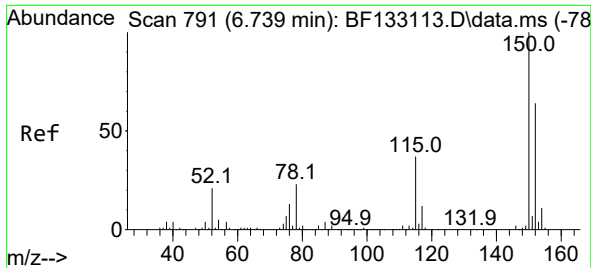
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF042123.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue May 09 04:59:36 2023  
Response via : Initial Calibration

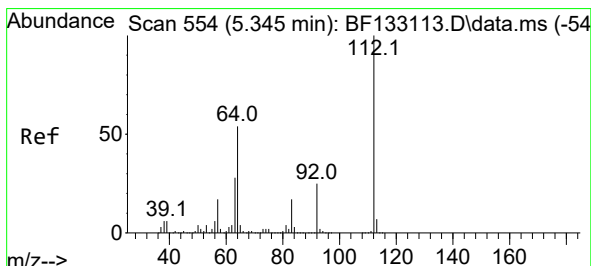
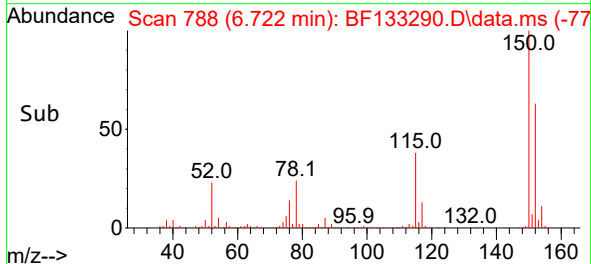
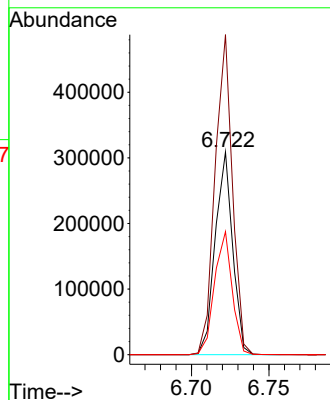
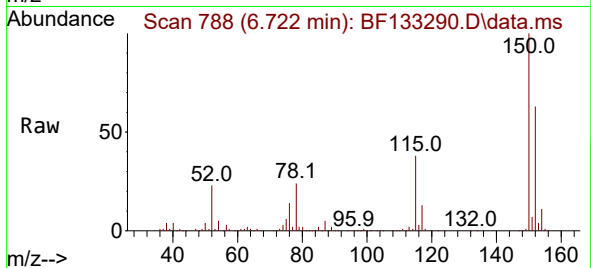




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.722 min Scan# 791  
 Delta R.T. -0.000 min  
 Lab File: BF133290.D  
 Acq: 08 May 2023 12:38

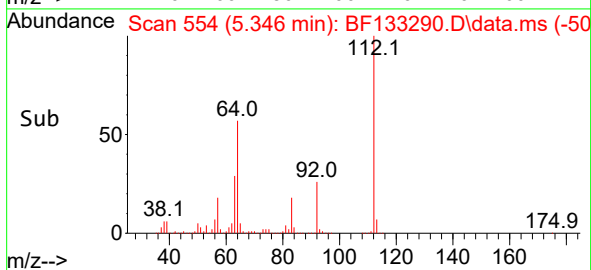
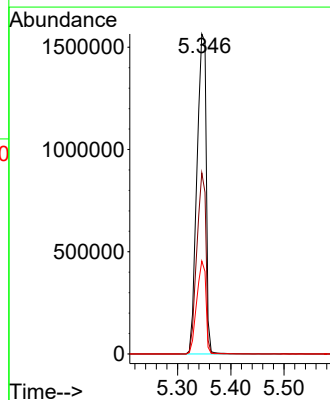
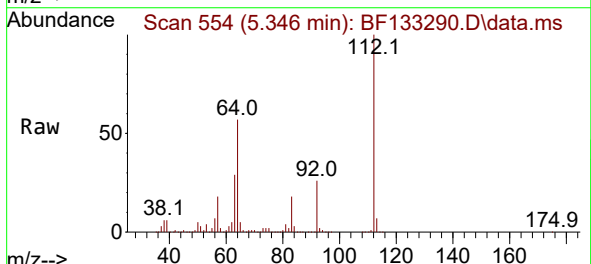
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB152610BL

Tgt Ion:152 Resp: 241483  
 Ion Ratio Lower Upper  
 152 100  
 150 157.9 124.8 187.2  
 115 60.7 49.9 74.9



#5  
 2-Fluorophenol  
 Concen: 118.863 ng  
 RT: 5.346 min Scan# 554  
 Delta R.T. 0.018 min  
 Lab File: BF133290.D  
 Acq: 08 May 2023 12:38

Tgt Ion:112 Resp: 1900123  
 Ion Ratio Lower Upper  
 112 100  
 64 56.6 46.8 70.2  
 63 29.1 23.8 35.8

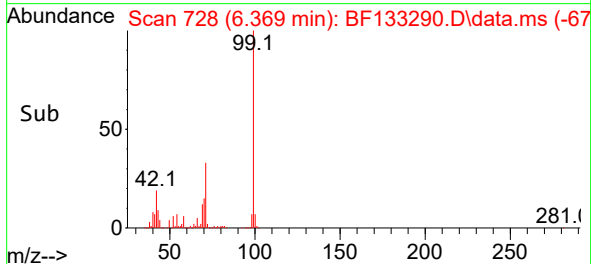
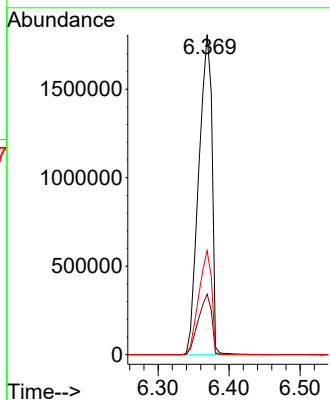
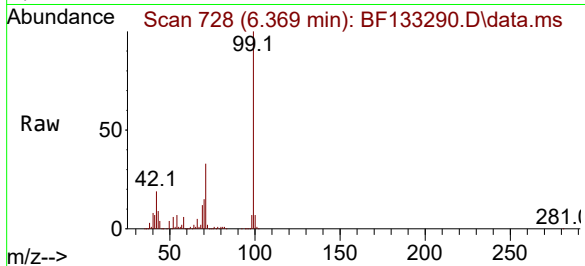




#7  
Phenol-d6  
Concen: 117.785 ng  
RT: 6.369 min Scan# 71  
Delta R.T. 0.000 min  
Lab File: BF133290.D  
Acq: 08 May 2023 12:38

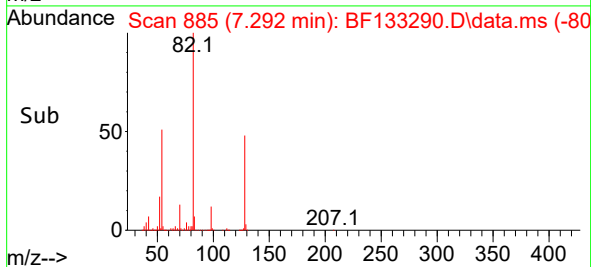
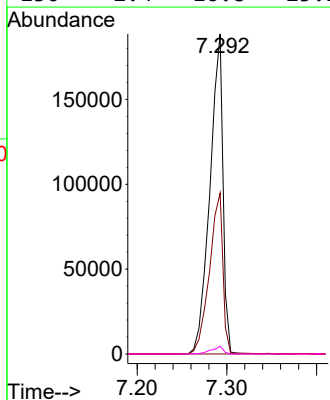
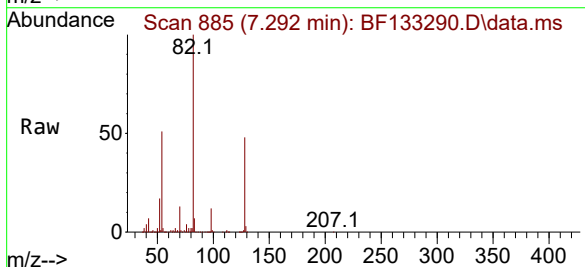
Instrument :  
BNA\_F  
ClientSampleId :  
PB152610BL

Tgt Ion: 99 Resp: 2337065  
Ion Ratio Lower Upper  
99 100  
42 18.9 16.3 24.5  
71 32.5 25.6 38.4



#19  
n-Nitroso-di-n-propylamine  
Concen: 15.436 ng  
RT: 7.292 min Scan# 885  
Delta R.T. 0.147 min  
Lab File: BF133290.D  
Acq: 08 May 2023 12:38

Tgt Ion: 70 Resp: 190677  
Ion Ratio Lower Upper  
70 100  
42 50.3 51.8 77.6#  
101 0.0 8.0 12.0#  
130 2.4 16.8 25.2#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.004 min Scan# 1006

Delta R.T. -0.006 min

Lab File: BF133290.D

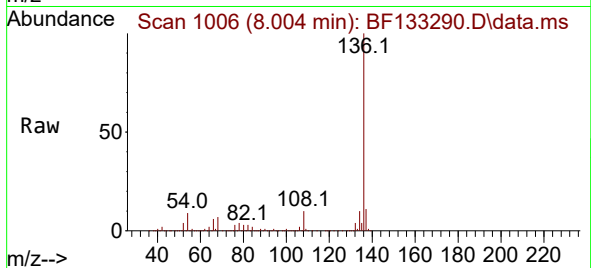
Acq: 08 May 2023 12:38

Instrument :

BNA\_F

ClientSampleId :

PB152610BL



Tgt Ion:136 Resp: 1042816

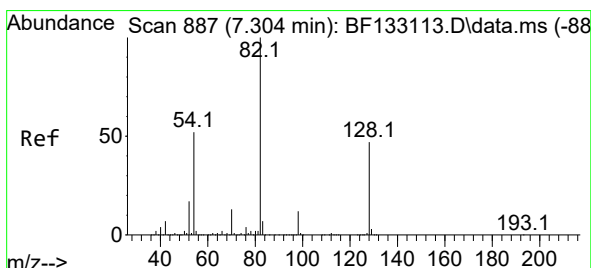
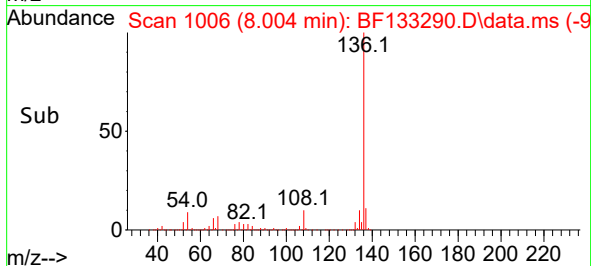
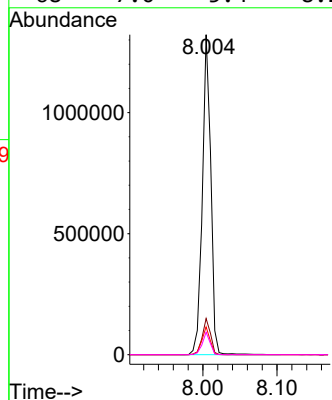
Ion Ratio Lower Upper

136 100

137 11.3 8.6 13.0

54 8.7 7.0 10.4

68 7.0 5.4 8.2



#23

Nitrobenzene-d5

Concen: 73.625 ng

RT: 7.292 min Scan# 885

Delta R.T. 0.000 min

Lab File: BF133290.D

Acq: 08 May 2023 12:38

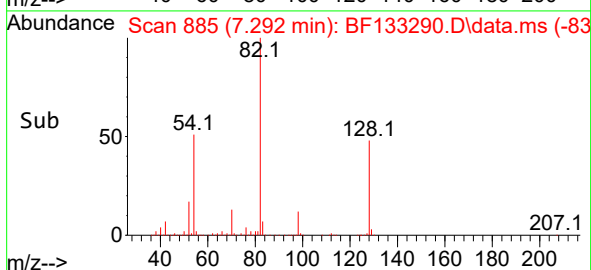
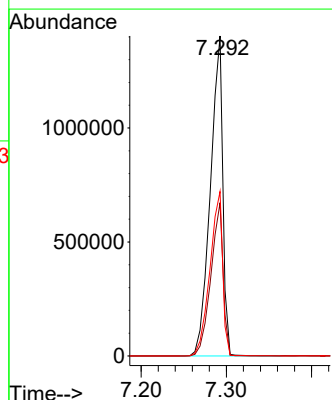
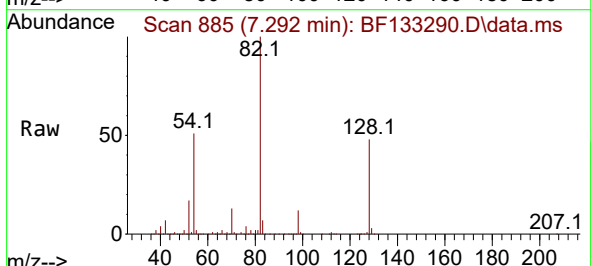
Tgt Ion: 82 Resp: 1422417

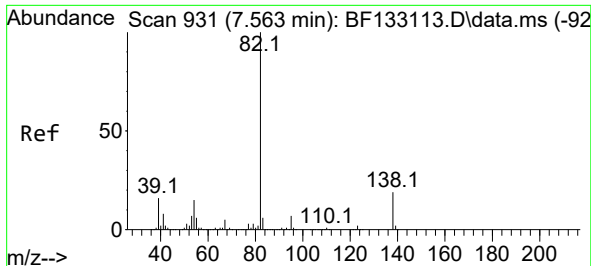
Ion Ratio Lower Upper

82 100

128 47.9 37.7 56.5

54 51.4 43.0 64.4

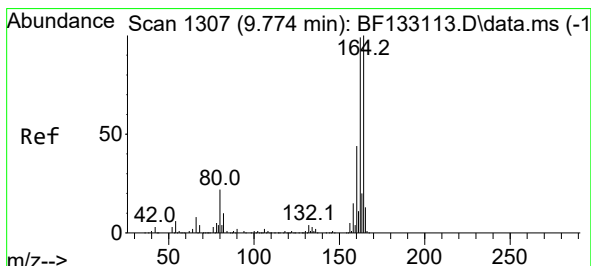
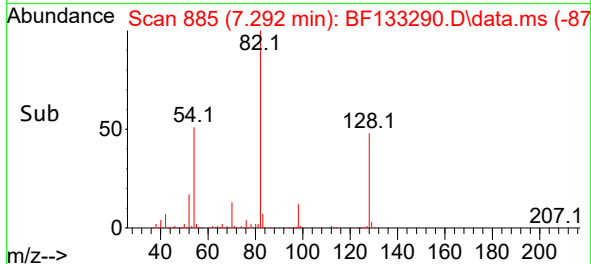
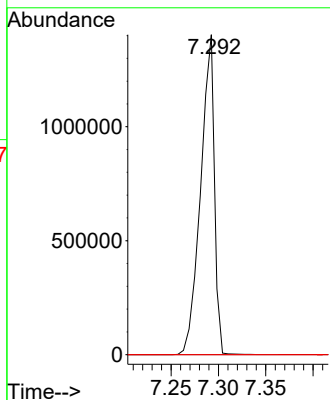
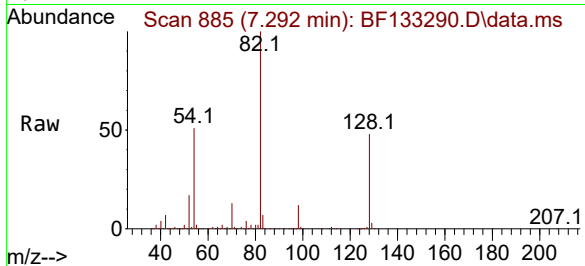




#25  
Isophorone  
Concen: 38.645 ng  
RT: 7.292 min Scan# 81  
Delta R.T. -0.259 min  
Lab File: BF133290.D  
Acq: 08 May 2023 12:38

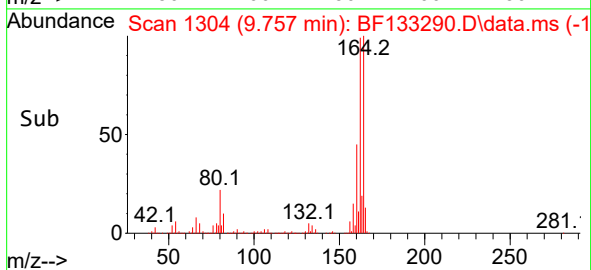
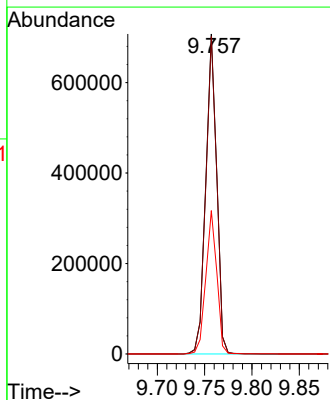
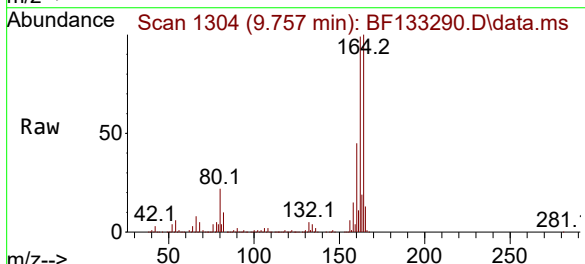
Instrument :  
BNA\_F  
ClientSampleId :  
PB152610BL

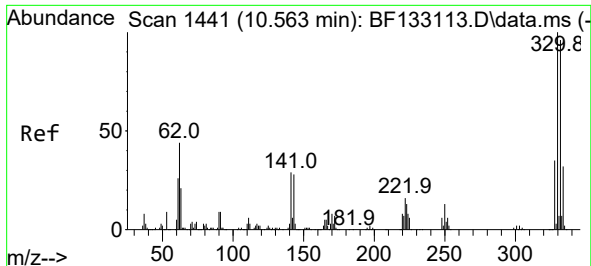
Tgt Ion: 82 Resp: 1417555  
Ion Ratio Lower Upper  
82 100  
95 0.0 5.4 8.0#  
138 0.0 16.0 24.0#



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.757 min Scan# 1304  
Delta R.T. -0.006 min  
Lab File: BF133290.D  
Acq: 08 May 2023 12:38

Tgt Ion:164 Resp: 565162  
Ion Ratio Lower Upper  
164 100  
162 99.2 78.7 118.1  
160 44.8 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 104.653 ng

RT: 10.551 min Scan# 1441

Delta R.T. 0.000 min

Lab File: BF133290.D

Acq: 08 May 2023 12:38

Instrument :

BNA\_F

ClientSampleId :

PB152610BL

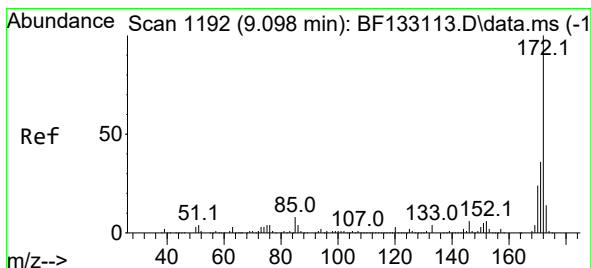
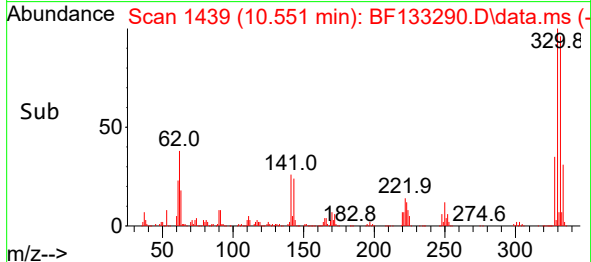
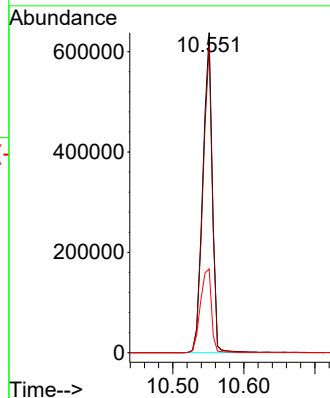
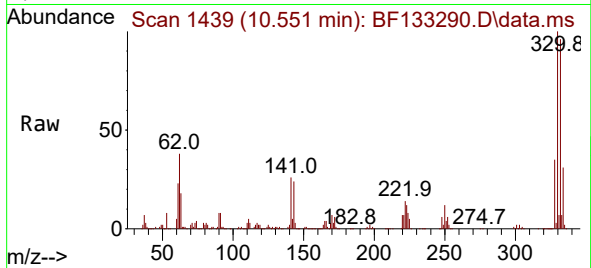
Tgt Ion:330 Resp: 594824

Ion Ratio Lower Upper

330 100

332 95.2 77.1 115.7

141 30.7 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 69.811 ng

RT: 9.086 min Scan# 1190

Delta R.T. 0.000 min

Lab File: BF133290.D

Acq: 08 May 2023 12:38

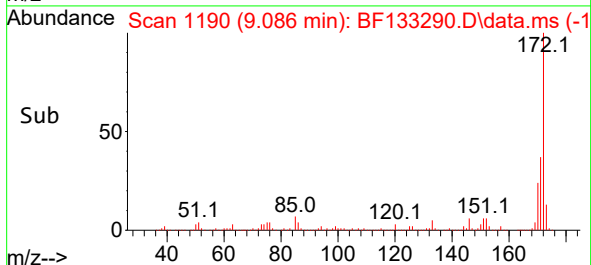
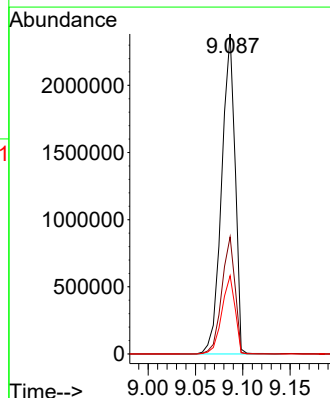
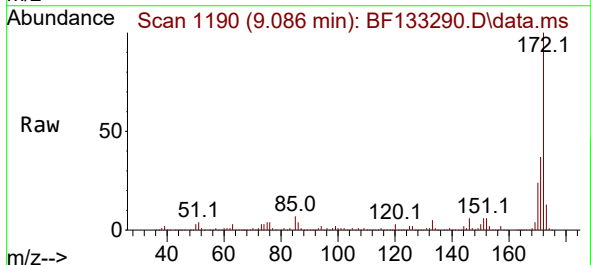
Tgt Ion:172 Resp: 2358327

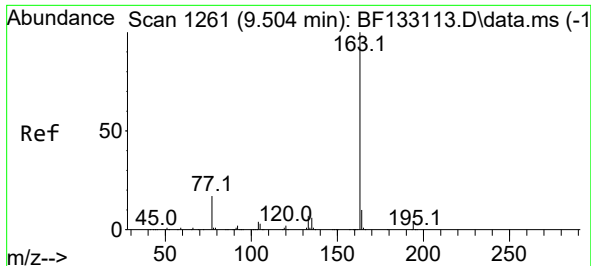
Ion Ratio Lower Upper

172 100

171 36.6 28.8 43.2

170 24.5 19.4 29.2

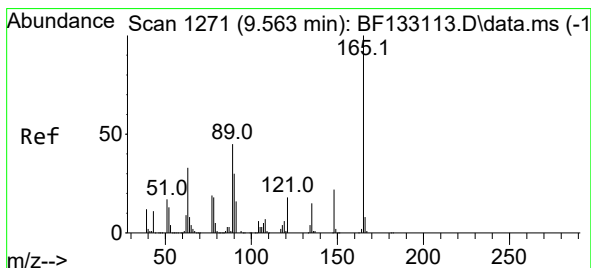
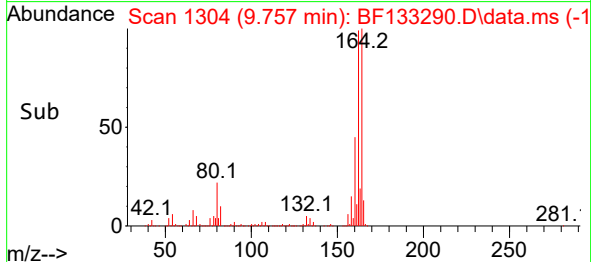
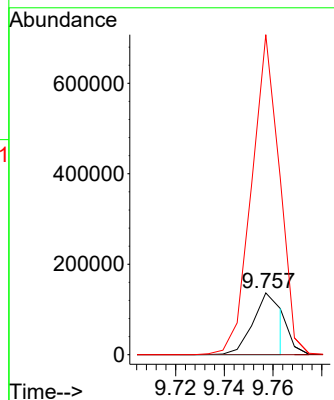
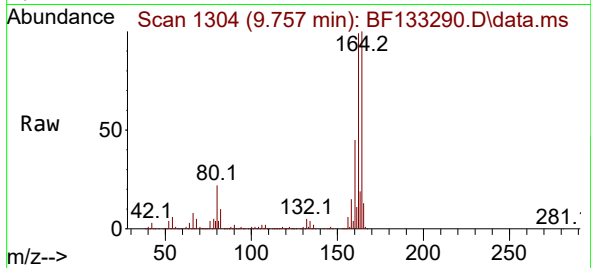




#50  
 Dimethylphthalate  
 Concen: 2.832 ng  
 RT: 9.757 min Scan# 11  
 Delta R.T. 0.265 min  
 Lab File: BF133290.D  
 Acq: 08 May 2023 12:38

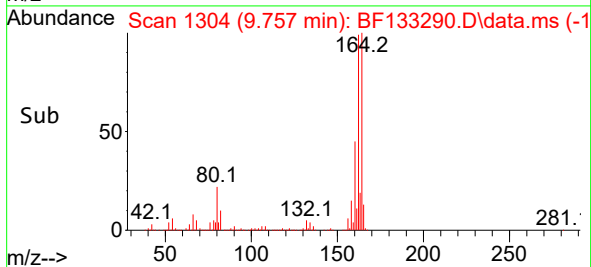
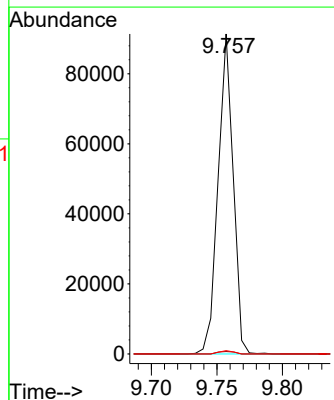
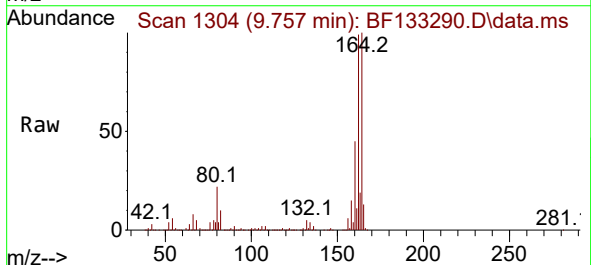
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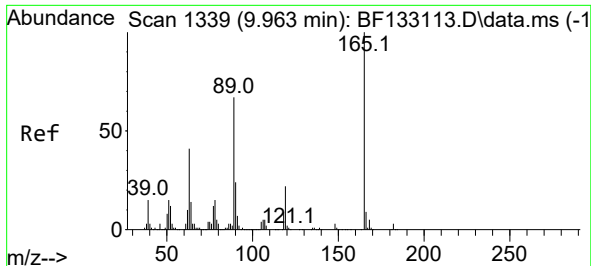
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 Ion Ratio Lower Upper  
 163 100  
 194 0.0 3.1 4.7#  
 164 518.1 8.5 12.7#



#51  
 2,6-Dinitrotoluene  
 Concen: 8.227 ng  
 RT: 9.757 min Scan# 1304  
 Delta R.T. 0.206 min  
 Lab File: BF133290.D  
 Acq: 08 May 2023 12:38

Tgt Ion:165 Resp: 72968  
 Ion Ratio Lower Upper  
 165 100  
 63 0.8 45.9 68.9#  
 89 1.1 44.0 66.0#

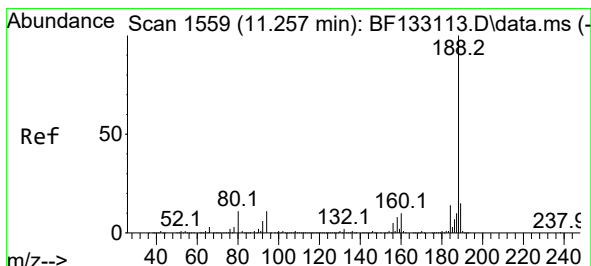
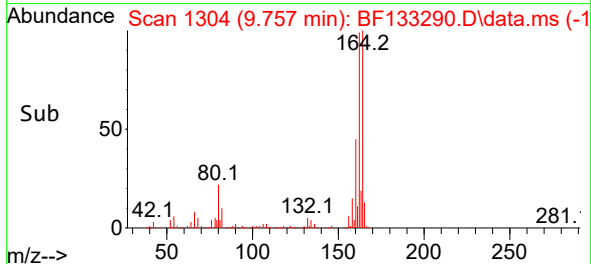
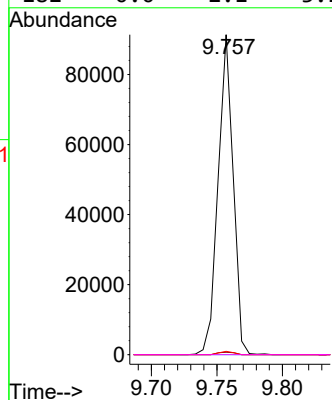
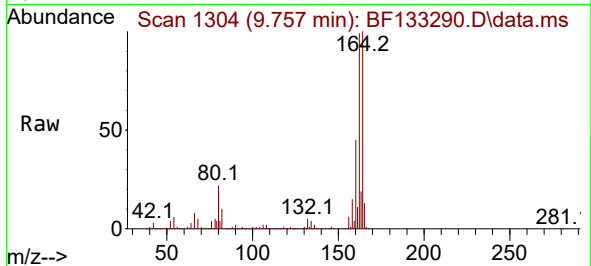




#57  
2,4-Dinitrotoluene  
Concen: 6.451 ng  
RT: 9.757 min Scan# 11  
Delta R.T. -0.200 min  
Lab File: BF133290.D  
Acq: 08 May 2023 12:38

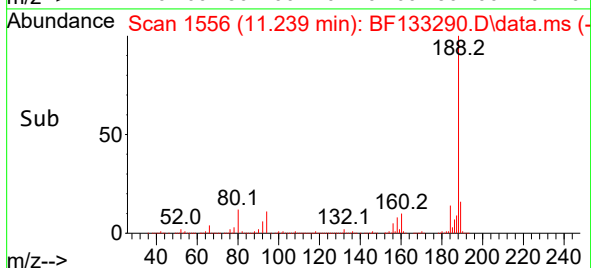
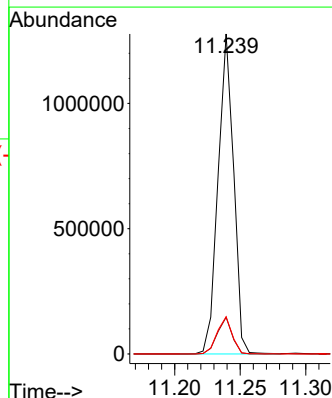
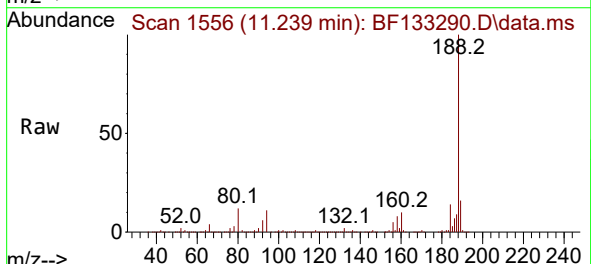
Instrument :  
BNA\_F  
ClientSampleId :  
PB152610BL

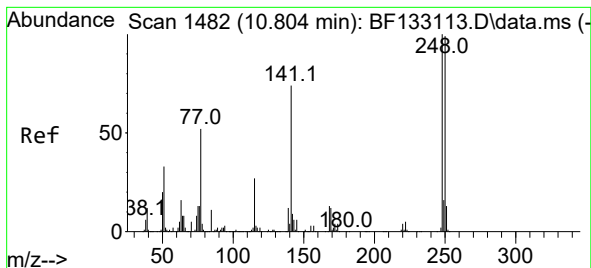
Tgt Ion:165 Resp: 72968  
Ion Ratio Lower Upper  
165 100  
63 0.8 37.7 56.5#  
89 1.1 57.0 85.4#  
182 0.0 2.1 3.1#



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.239 min Scan# 1556  
Delta R.T. -0.006 min  
Lab File: BF133290.D  
Acq: 08 May 2023 12:38

Tgt Ion:188 Resp: 1051218  
Ion Ratio Lower Upper  
188 100  
94 11.4 9.7 14.5  
80 11.7 10.4 15.6

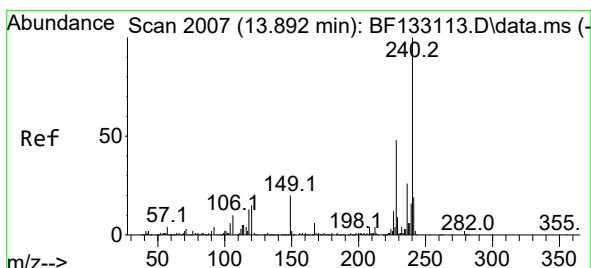
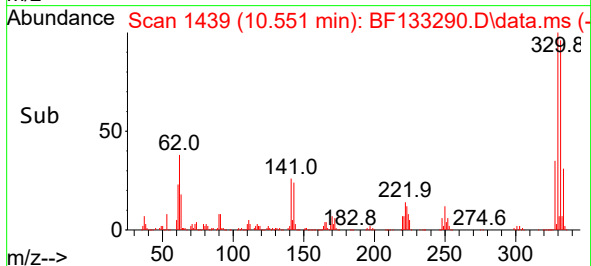
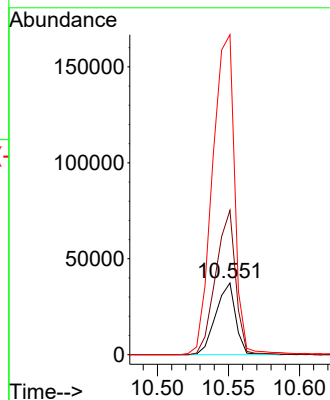
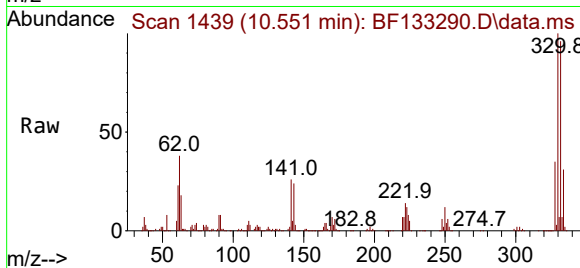




#67  
4-Bromophenyl-phenylether  
Concen: 3.186 ng  
RT: 10.551 min Scan# 1482  
Delta R.T. -0.241 min  
Lab File: BF133290.D  
Acq: 08 May 2023 12:38

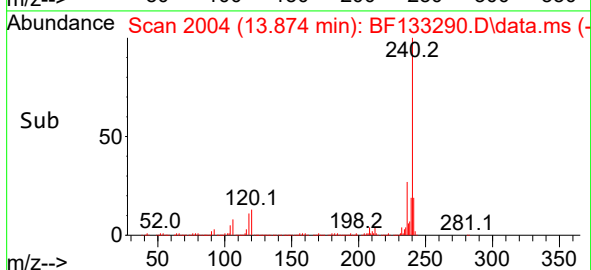
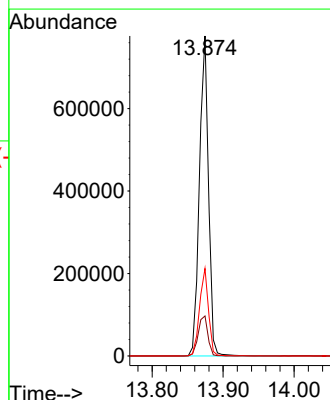
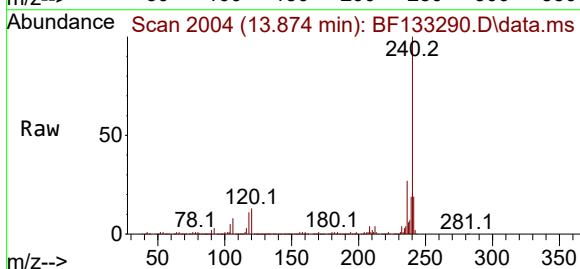
Instrument :  
BNA\_F  
ClientSampleId :  
PB152610BL

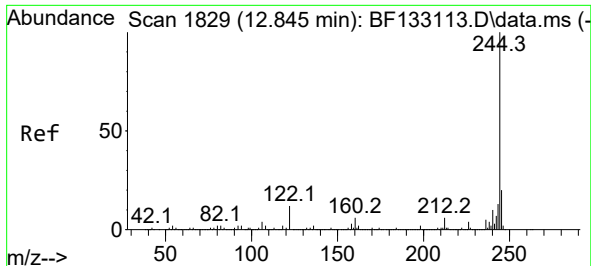
Tgt Ion:248 Resp: 36320  
Ion Ratio Lower Upper  
248 100  
250 201.4 78.7 118.1#  
141 446.2 56.3 84.5#



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.874 min Scan# 2004  
Delta R.T. -0.006 min  
Lab File: BF133290.D  
Acq: 08 May 2023 12:38

Tgt Ion:240 Resp: 691408  
Ion Ratio Lower Upper  
240 100  
120 12.5 10.5 15.7  
236 27.3 21.5 32.3

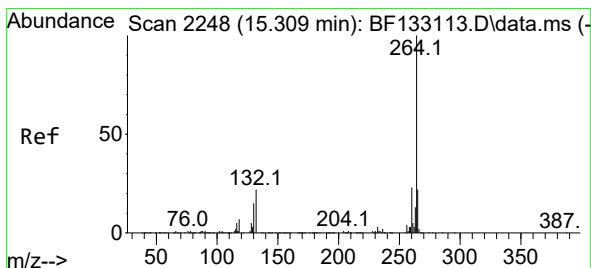
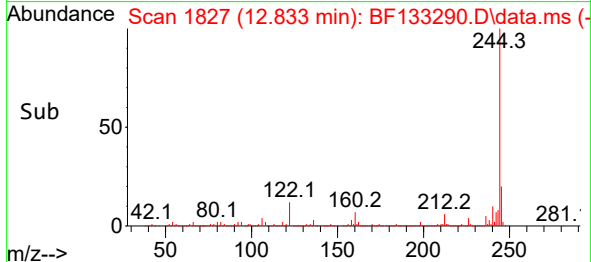
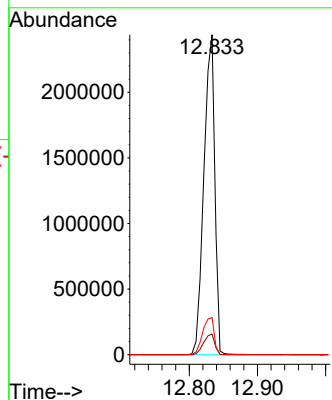
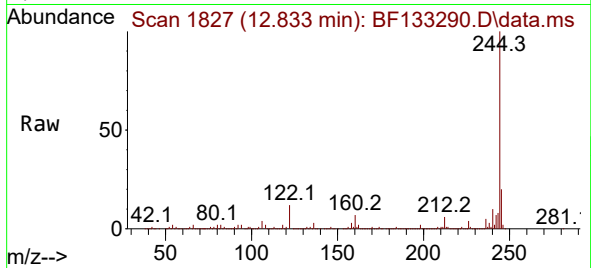




#79  
 Terphenyl-d14  
 Concen: 67.681 ng  
 RT: 12.833 min Scan# 1827  
 Delta R.T. 0.000 min  
 Lab File: BF133290.D  
 Acq: 08 May 2023 12:38

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB152610BL

Tgt Ion:244 Resp: 2713297  
 Ion Ratio Lower Upper  
 244 100  
 212 6.5 5.1 7.7  
 122 11.6 8.6 13.0



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.292 min Scan# 2245  
 Delta R.T. 0.000 min  
 Lab File: BF133290.D  
 Acq: 08 May 2023 12:38

Tgt Ion:264 Resp: 548780  
 Ion Ratio Lower Upper  
 264 100  
 260 24.2 18.8 28.2  
 265 22.0 17.0 25.4

