

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF071023\  
 Data File : BF134187.D  
 Acq On : 10 Jul 2023 15:35  
 Operator : CG\JU  
 Sample : 03507-07  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Jul 10 16:03:25 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF062623.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jun 30 18:35:29 2023  
 Response via : Initial Calibration

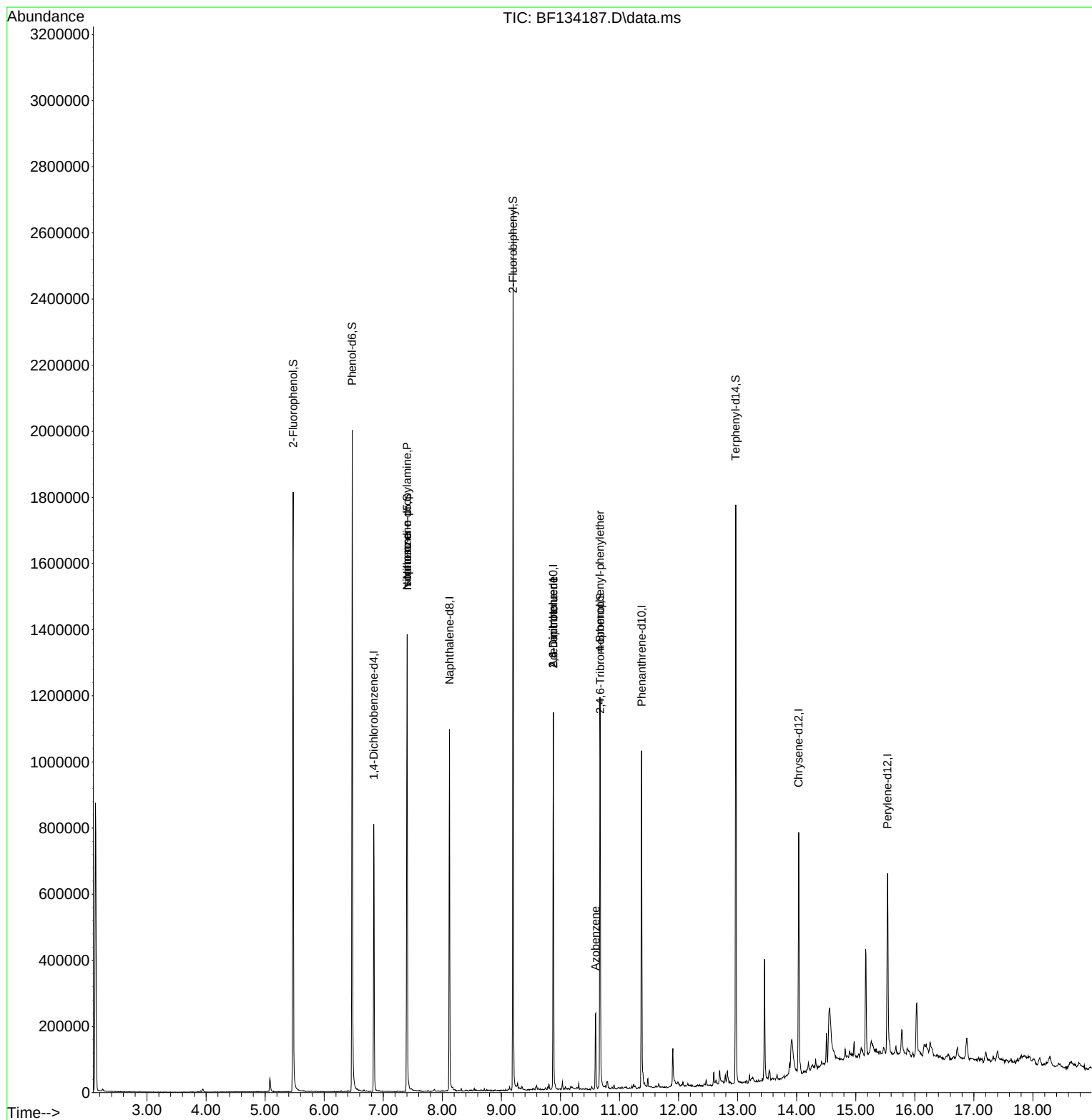
| Compound                      | R.T.   | QIon | Response | Conc      | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|-----------|--------|----------|
| -----                         |        |      |          |           |        |          |
| Internal Standards            |        |      |          |           |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.839  | 152  | 117779   | 20.000    | ng     | -0.01    |
| 21) Naphthalene-d8            | 8.122  | 136  | 440898   | 20.000    | ng     | -0.01    |
| 39) Acenaphthene-d10          | 9.880  | 164  | 211921   | 20.000    | ng     | -0.01    |
| 64) Phenanthrene-d10          | 11.374 | 188  | 379056   | 20.000    | ng     | -0.01    |
| 76) Chrysene-d12              | 14.033 | 240  | 240104   | 20.000    | ng     | -0.02    |
| 86) Perylene-d12              | 15.539 | 264  | 276693   | 20.000    | ng     | -0.01    |
| System Monitoring Compounds   |        |      |          |           |        |          |
| 5) 2-Fluorophenol             | 5.475  | 112  | 491603   | 69.820    | ng     | -0.01    |
| 7) Phenol-d6                  | 6.475  | 99   | 592326   | 68.406    | ng     | -0.02    |
| 23) Nitrobenzene-d5           | 7.404  | 82   | 402326   | 49.189    | ng     | -0.02    |
| 42) 2,4,6-Tribromophenol      | 10.674 | 330  | 145832   | 54.885    | ng     | -0.01    |
| 45) 2-Fluorobiphenyl          | 9.198  | 172  | 737403   | 50.590    | ng     | -0.01    |
| 79) Terphenyl-d14             | 12.968 | 244  | 577166   | 38.687    | ng     | -0.02    |
| Target Compounds              |        |      |          |           |        |          |
|                               |        |      |          |           | Qvalue |          |
| 9) Benzaldehyde               | 6.398  | 77   | 1213     | Below Cal | #      | 88       |
| 19) n-Nitroso-di-n-propyla... | 7.404  | 70   | 55428    | 10.094    | ng     | # 74     |
| 25) Isophorone                | 7.404  | 82   | 400870   | 26.967    | ng     | # 64     |
| 51) 2,6-Dinitrotoluene        | 9.880  | 165  | 27116    | 8.184     | ng     | # 23     |
| 57) 2,4-Dinitrotoluene        | 9.880  | 165  | 27116    | 6.197     | ng     | # 22     |
| 63) Azobenzene                | 10.592 | 77   | 43120    | 2.844     | ng     | # 1      |
| 67) 4-Bromophenyl-phenylether | 10.669 | 248  | 9118     | 2.263     | ng     | # 1      |
| -----                         |        |      |          |           |        |          |

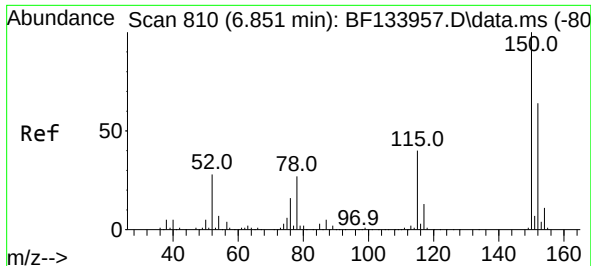
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF071023\  
Data File : BF134187.D  
Acq On : 10 Jul 2023 15:35  
Operator : CG\JU  
Sample : 03507-07  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :

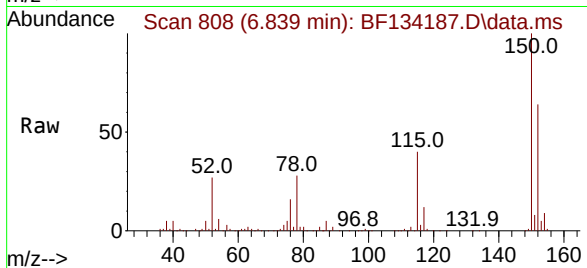
Quant Time: Jul 10 16:03:25 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF062623.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Jun 30 18:35:29 2023  
Response via : Initial Calibration



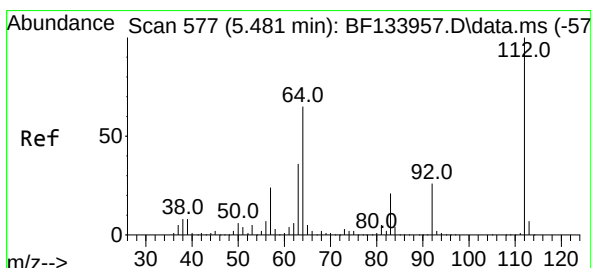
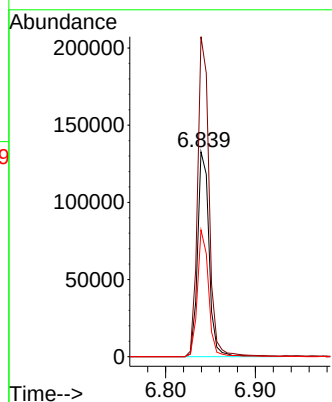
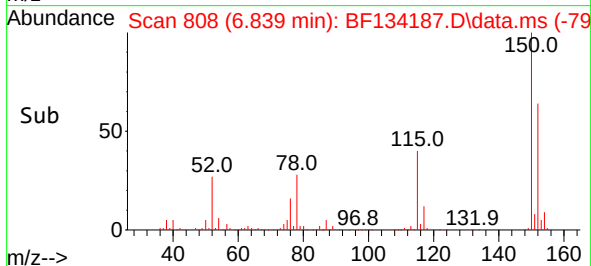


#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.839 min Scan# 80  
Delta R.T. -0.012 min  
Lab File: BF134187.D  
Acq: 10 Jul 2023 15:35

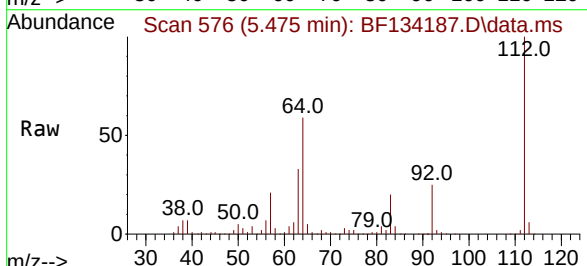
Instrument :  
BNA\_F  
ClientSampleId :



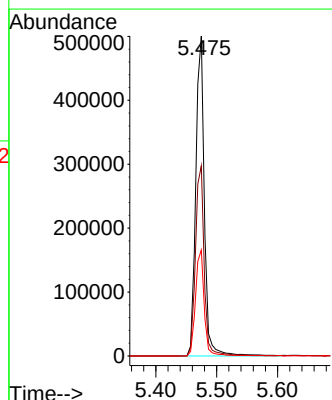
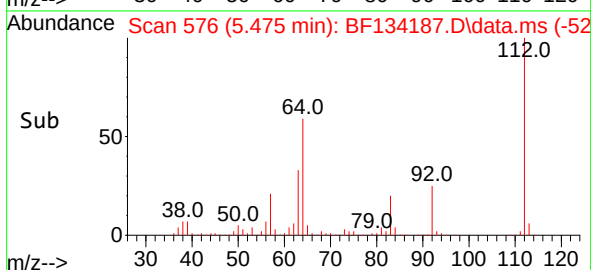
Tgt Ion:152 Resp: 117779  
Ion Ratio Lower Upper  
152 100  
150 156.2 124.5 186.7  
115 61.9 50.2 75.2

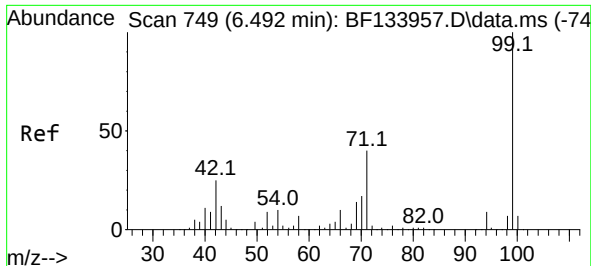


#5  
2-Fluorophenol  
Concen: 69.820 ng  
RT: 5.475 min Scan# 576  
Delta R.T. -0.012 min  
Lab File: BF134187.D  
Acq: 10 Jul 2023 15:35



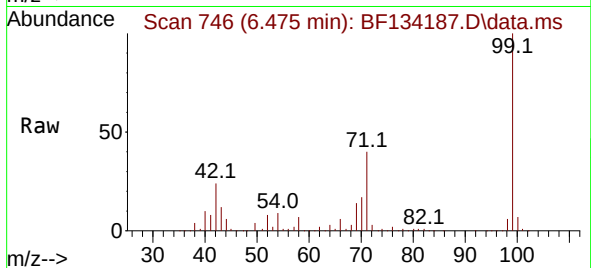
Tgt Ion:112 Resp: 491603  
Ion Ratio Lower Upper  
112 100  
64 59.4 52.1 78.1  
63 33.1 28.6 42.8



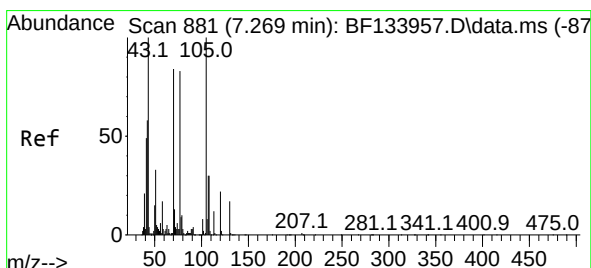
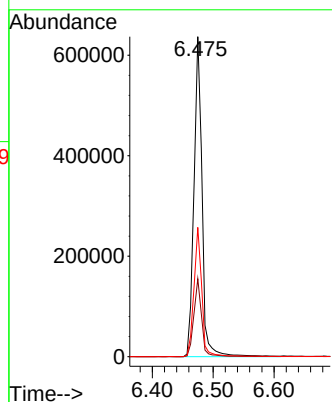
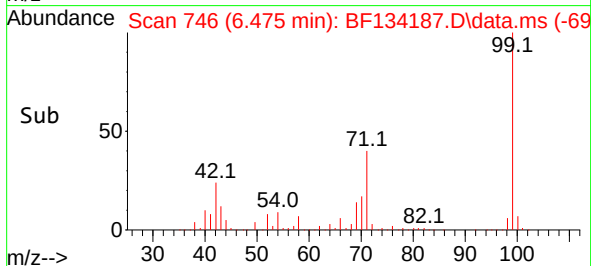


#7  
Phenol-d6  
Concen: 68.406 ng  
RT: 6.475 min Scan# 74  
Delta R.T. -0.018 min  
Lab File: BF134187.D  
Acq: 10 Jul 2023 15:35

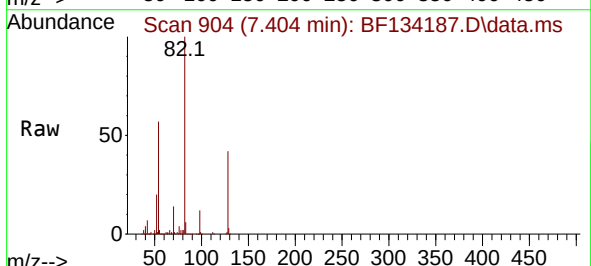
Instrument :  
BNA\_F  
ClientSampleId :



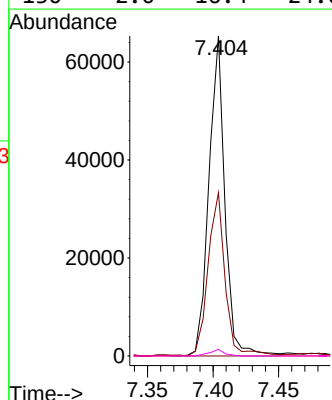
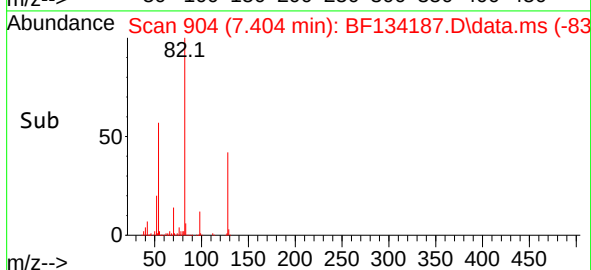
Tgt Ion: 99 Resp: 592326  
Ion Ratio Lower Upper  
99 100  
42 24.3 19.8 29.6  
71 40.4 31.9 47.9

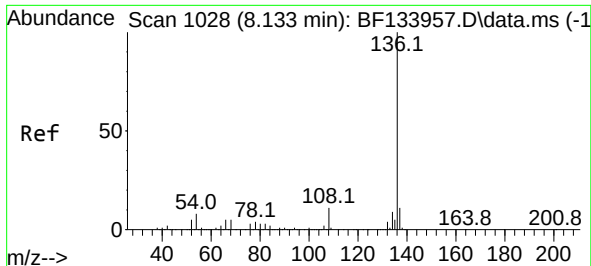


#19  
n-Nitroso-di-n-propylamine  
Concen: 10.094 ng  
RT: 7.404 min Scan# 904  
Delta R.T. 0.135 min  
Lab File: BF134187.D  
Acq: 10 Jul 2023 15:35



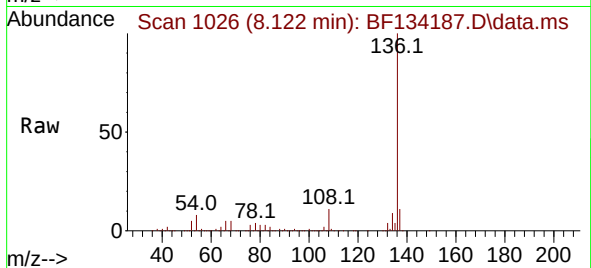
Tgt Ion: 70 Resp: 55428  
Ion Ratio Lower Upper  
70 100  
42 51.1 54.7 82.1#  
101 0.0 7.7 11.5#  
130 2.0 16.4 24.6#



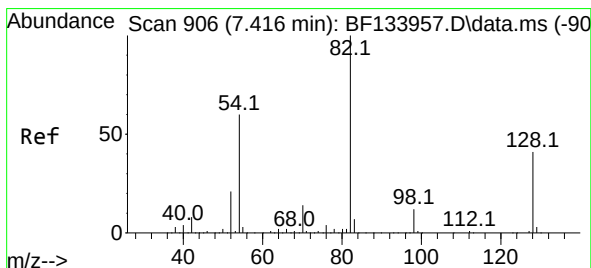
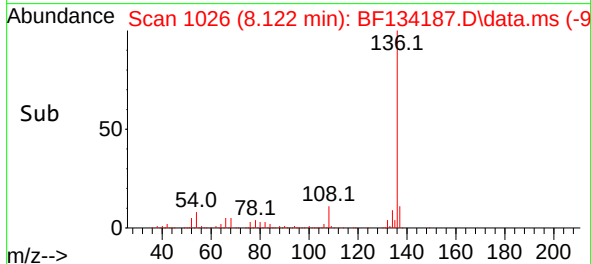
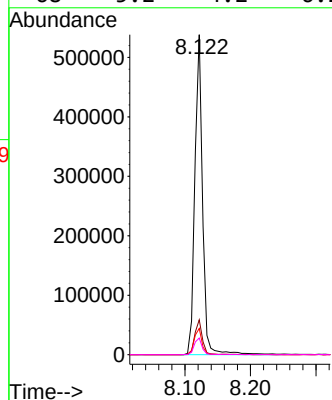


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.122 min Scan# 1026  
Delta R.T. -0.012 min  
Lab File: BF134187.D  
Acq: 10 Jul 2023 15:35

Instrument :  
BNA\_F  
ClientSampleId :

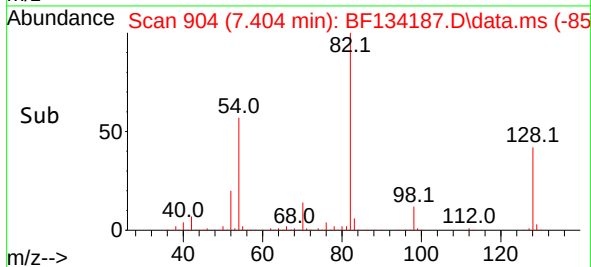
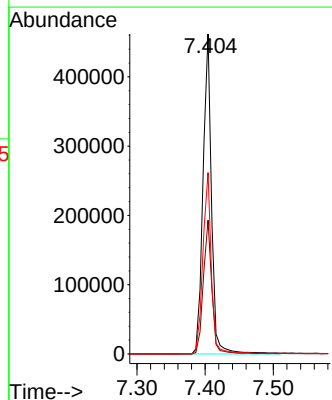
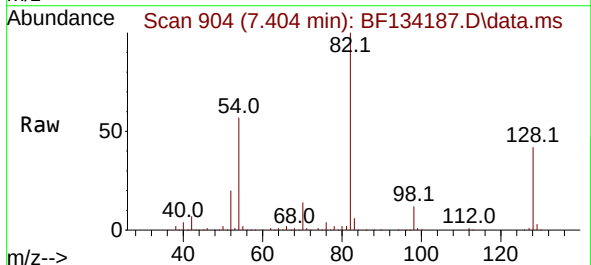


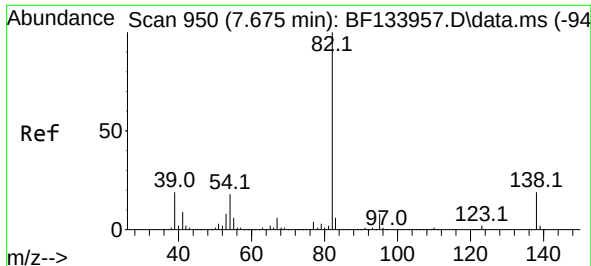
Tgt Ion:136 Resp: 440898  
Ion Ratio Lower Upper  
136 100  
137 10.9 8.6 12.8  
54 8.2 6.5 9.7  
68 5.2 4.2 6.2



#23  
Nitrobenzene-d5  
Concen: 49.189 ng  
RT: 7.404 min Scan# 904  
Delta R.T. -0.018 min  
Lab File: BF134187.D  
Acq: 10 Jul 2023 15:35

Tgt Ion: 82 Resp: 402326  
Ion Ratio Lower Upper  
82 100  
128 41.8 32.5 48.7  
54 56.7 48.2 72.2

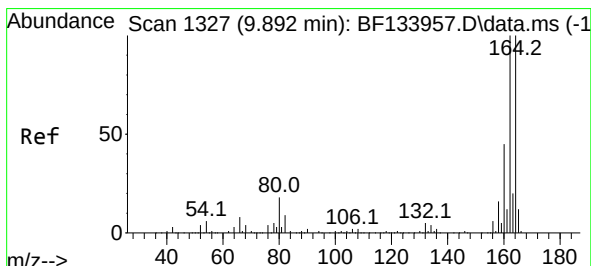
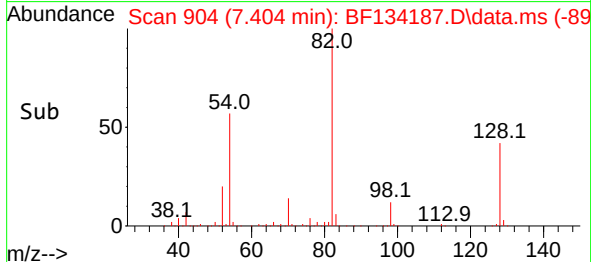
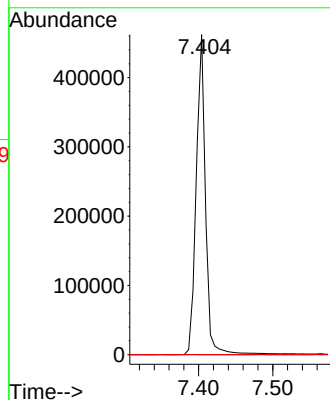
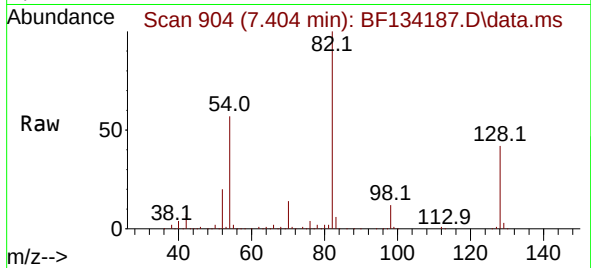




#25  
Isophorone  
Concen: 26.967 ng  
RT: 7.404 min Scan# 90  
Delta R.T. -0.271 min  
Lab File: BF134187.D  
Acq: 10 Jul 2023 15:35

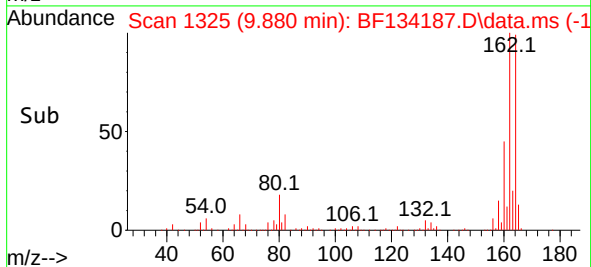
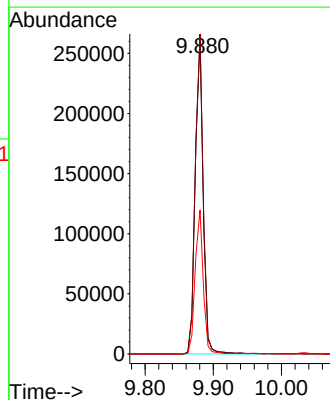
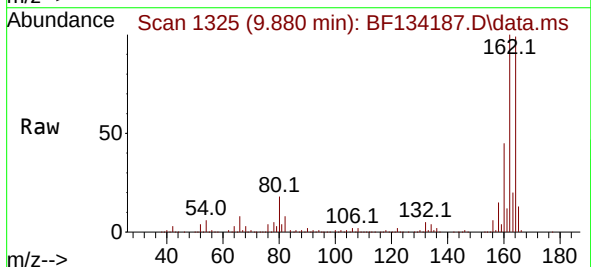
Instrument :  
BNA\_F  
ClientSampleId :

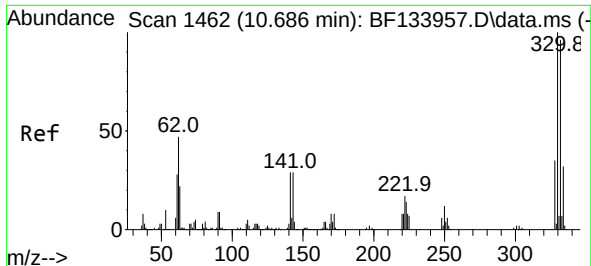
Tgt Ion: 82 Resp: 400870  
Ion Ratio Lower Upper  
82 100  
95 0.0 6.1 9.1#  
138 0.0 15.2 22.8#



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.880 min Scan# 1325  
Delta R.T. -0.012 min  
Lab File: BF134187.D  
Acq: 10 Jul 2023 15:35

Tgt Ion:164 Resp: 211921  
Ion Ratio Lower Upper  
164 100  
162 101.3 80.0 120.0  
160 45.5 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 54.885 ng

RT: 10.674 min Scan# 1460

Delta R.T. -0.012 min

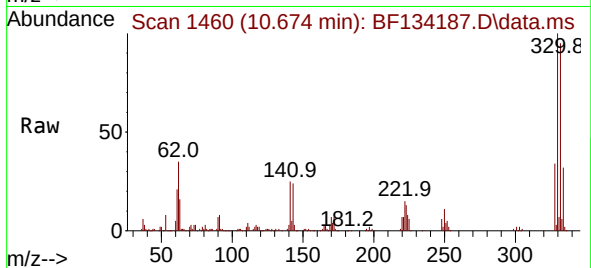
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Acq: 10 Jul 2023 15:35

Instrument :

BNA\_F

ClientSampleId :



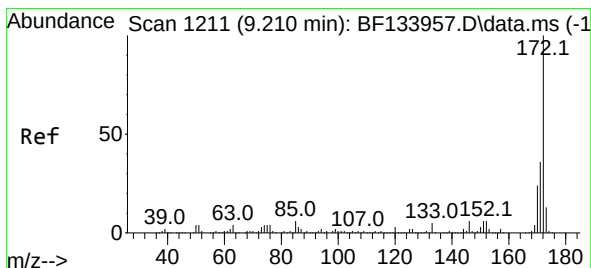
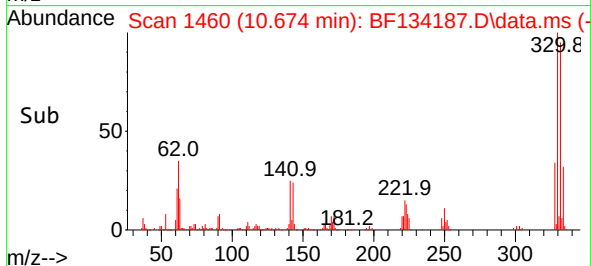
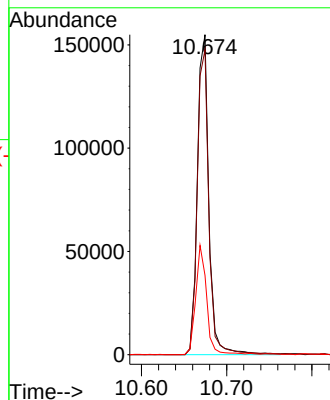
Tgt Ion:330 Resp: 145832

Ion Ratio Lower Upper

330 100

332 95.7 77.0 115.6

141 32.7 26.3 39.5



#45

2-Fluorobiphenyl

Concen: 50.590 ng

RT: 9.198 min Scan# 1209

Delta R.T. -0.012 min

Lab File: BF134187.D

Acq: 10 Jul 2023 15:35

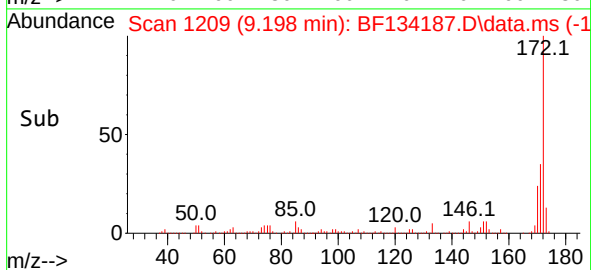
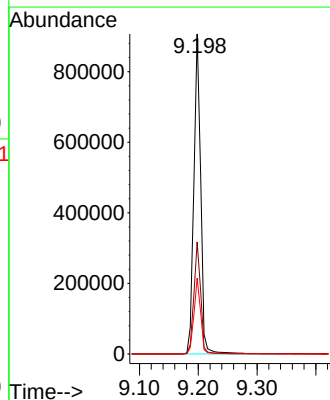
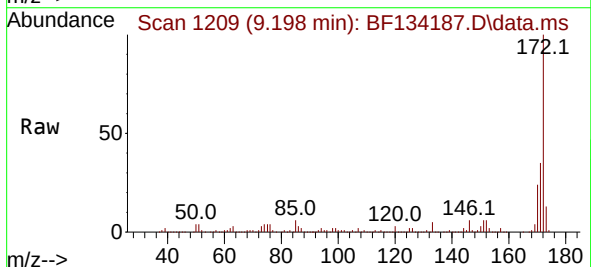
Tgt Ion:172 Resp: 737403

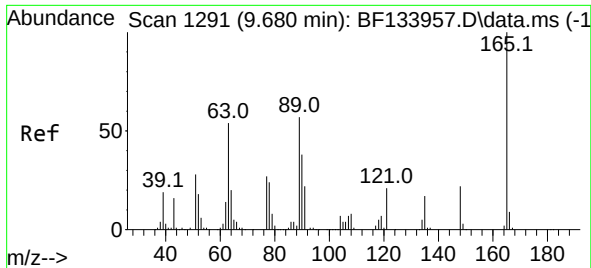
Ion Ratio Lower Upper

172 100

171 35.0 28.6 43.0

170 23.7 19.4 29.0

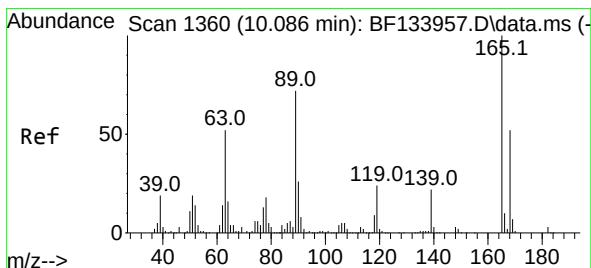
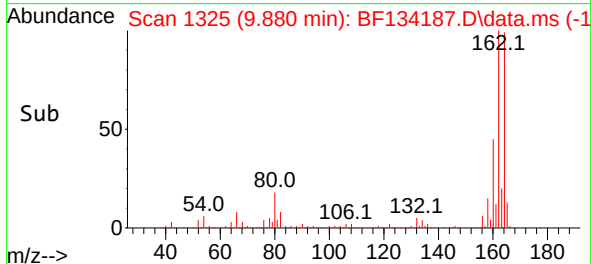
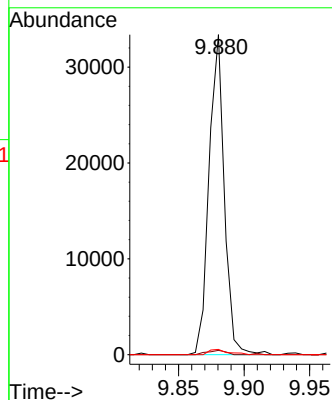
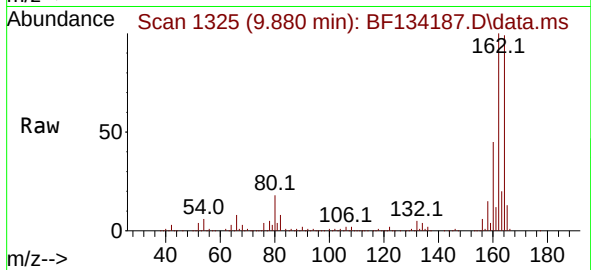




#51  
2,6-Dinitrotoluene  
Concen: 8.184 ng  
RT: 9.880 min Scan# 11  
Delta R.T. 0.200 min  
Lab File: BF134187.D  
Acq: 10 Jul 2023 15:35

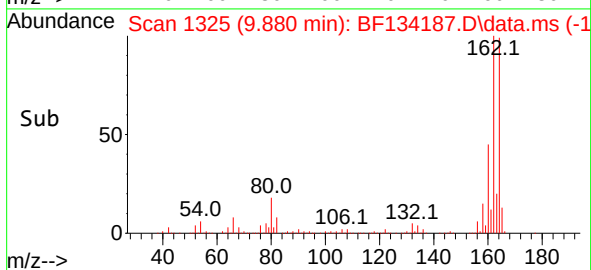
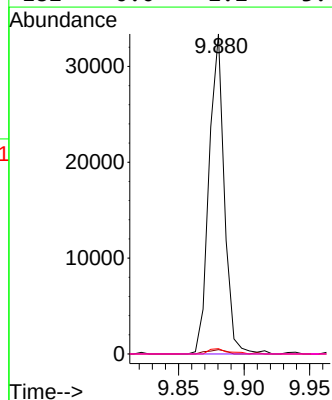
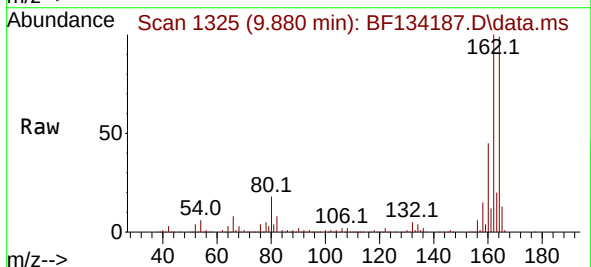
Instrument :  
BNA\_F  
ClientSampleId :

Tgt Ion:165 Resp: 27116  
Ion Ratio Lower Upper  
165 100  
63 1.3 48.5 72.7#  
89 1.7 45.5 68.3#

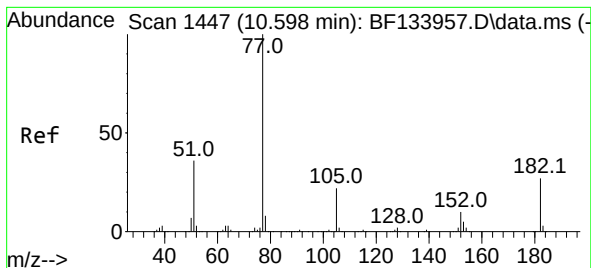


#57  
2,4-Dinitrotoluene  
Concen: 6.197 ng  
RT: 9.880 min Scan# 1325  
Delta R.T. -0.206 min  
Lab File: BF134187.D  
Acq: 10 Jul 2023 15:35

Tgt Ion:165 Resp: 27116  
Ion Ratio Lower Upper  
165 100  
63 1.3 42.2 63.2#  
89 1.7 57.4 86.2#  
182 0.0 2.2 3.4#







#63

Azobenzene

Concen: 2.844 ng

RT: 10.592 min Scan# 1446

Delta R.T. -0.006 min

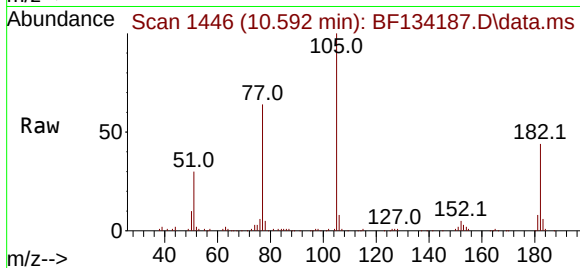
Lab File: BF134187.D

Acq: 10 Jul 2023 15:35

Instrument :

BNA\_F

ClientSampleId :



Tgt Ion: 77 Resp: 43120

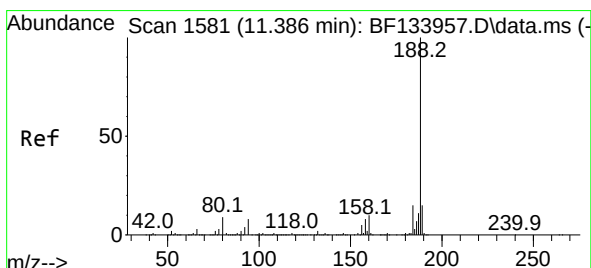
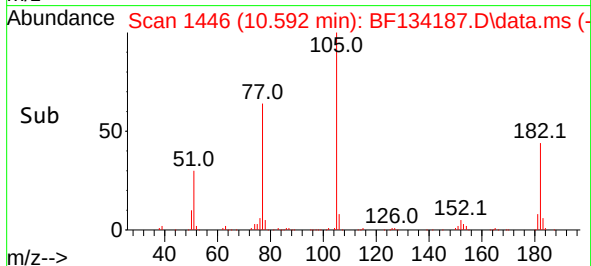
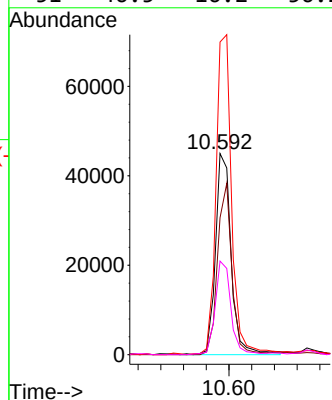
Ion Ratio Lower Upper

77 100

182 68.1 6.8 46.8#

105 155.5 2.3 42.3#

51 46.5 16.2 56.2



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.374 min Scan# 1579

Delta R.T. -0.012 min

Lab File: BF134187.D

Acq: 10 Jul 2023 15:35

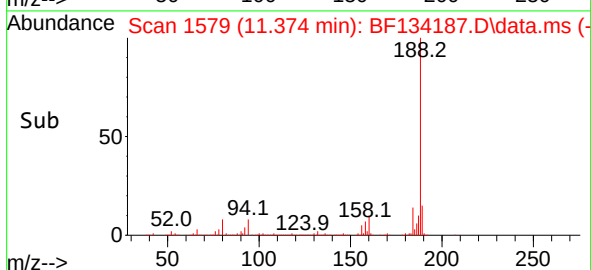
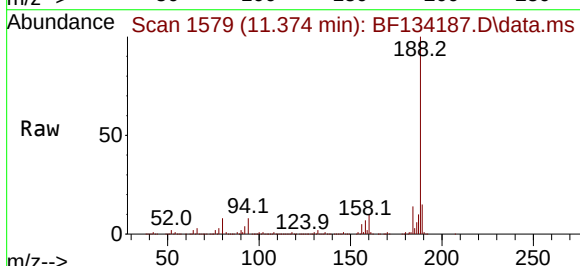
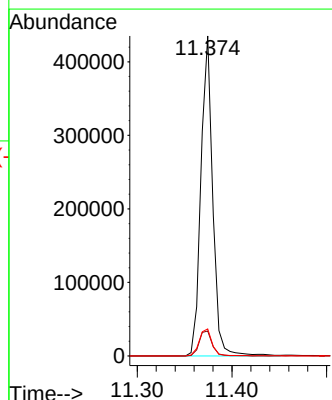
Tgt Ion:188 Resp: 379056

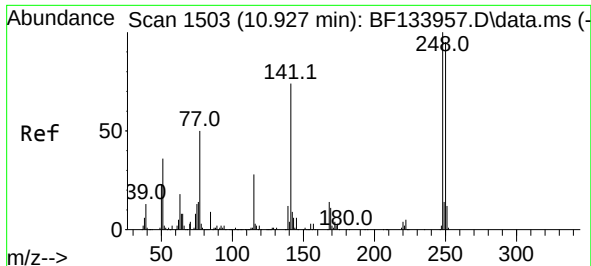
Ion Ratio Lower Upper

188 100

94 7.8 6.4 9.6

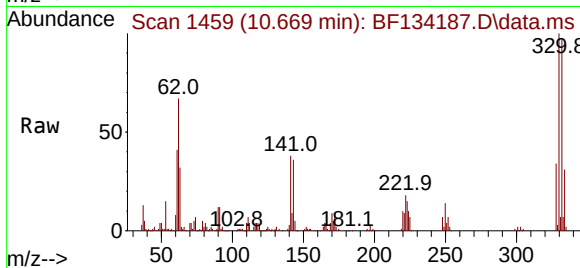
80 8.5 7.3 10.9



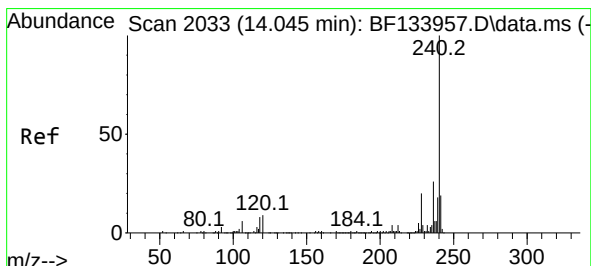
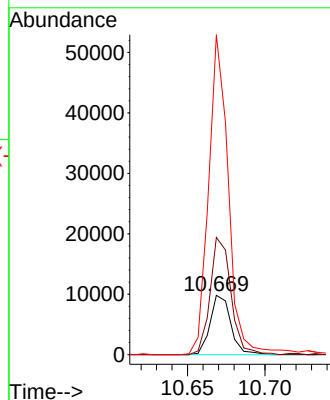
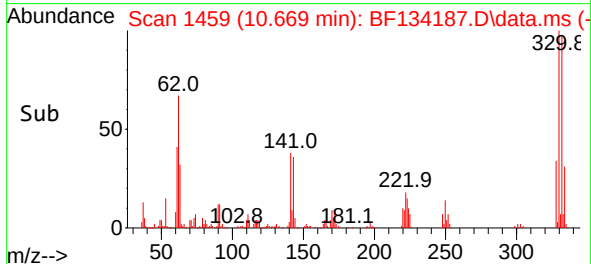


#67  
4-Bromophenyl-phenylether  
Concen: 2.263 ng  
RT: 10.669 min Scan# 141  
Delta R.T. -0.259 min  
Lab File: BF134187.D  
Acq: 10 Jul 2023 15:35

Instrument :  
BNA\_F  
ClientSampleId :

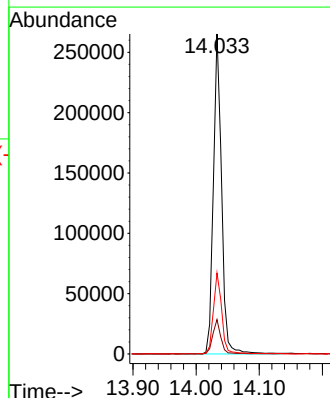
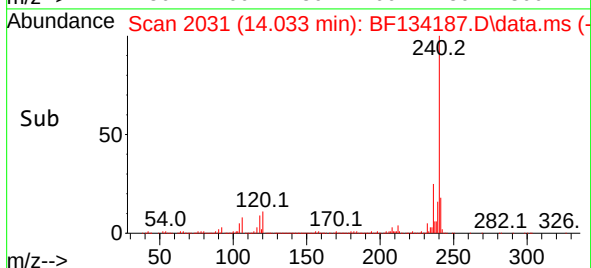
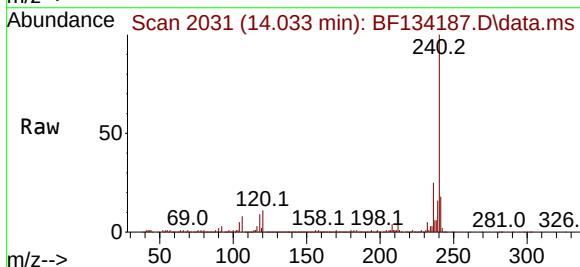


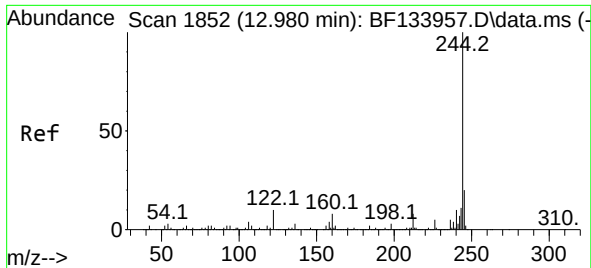
Tgt Ion:248 Resp: 9118  
Ion Ratio Lower Upper  
248 100  
250 197.5 76.2 114.4#  
141 539.1 59.0 88.4#



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.033 min Scan# 2031  
Delta R.T. -0.018 min  
Lab File: BF134187.D  
Acq: 10 Jul 2023 15:35

Tgt Ion:240 Resp: 240104  
Ion Ratio Lower Upper  
240 100  
120 10.8 7.4 11.0  
236 25.3 21.0 31.6

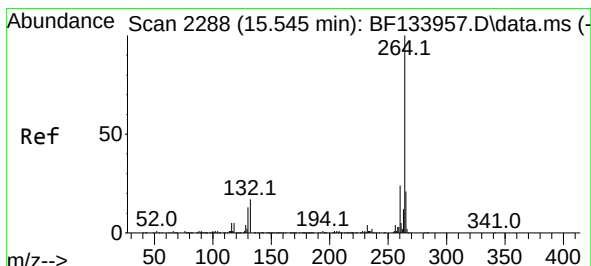
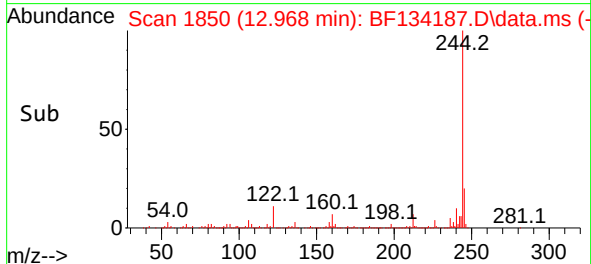
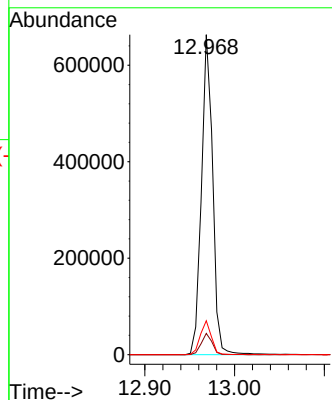
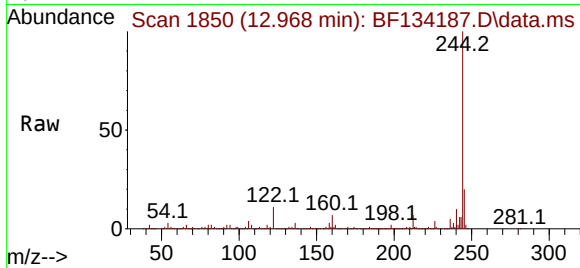




#79  
 Terphenyl-d14  
 Concen: 38.687 ng  
 RT: 12.968 min Scan# 11  
 Delta R.T. -0.018 min  
 Lab File: BF134187.D  
 Acq: 10 Jul 2023 15:35

Instrument :  
 BNA\_F  
 ClientSampleId :

Tgt Ion:244 Resp: 577166  
 Ion Ratio Lower Upper  
 244 100  
 212 6.6 6.0 9.0  
 122 10.6 8.3 12.5



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.539 min Scan# 2287  
 Delta R.T. -0.012 min  
 Lab File: BF134187.D  
 Acq: 10 Jul 2023 15:35

Tgt Ion:264 Resp: 276693  
 Ion Ratio Lower Upper  
 264 100  
 260 24.2 19.5 29.3  
 265 21.3 16.6 25.0

