

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF061323\  
 Data File : BF133722.D  
 Acq On : 13 Jun 2023 10:18  
 Operator : CG\JU  
 Sample : PB153230BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB153230BL

Quant Time: Jun 13 11:28:02 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF060923.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jun 13 11:26:55 2023  
 Response via : Initial Calibration

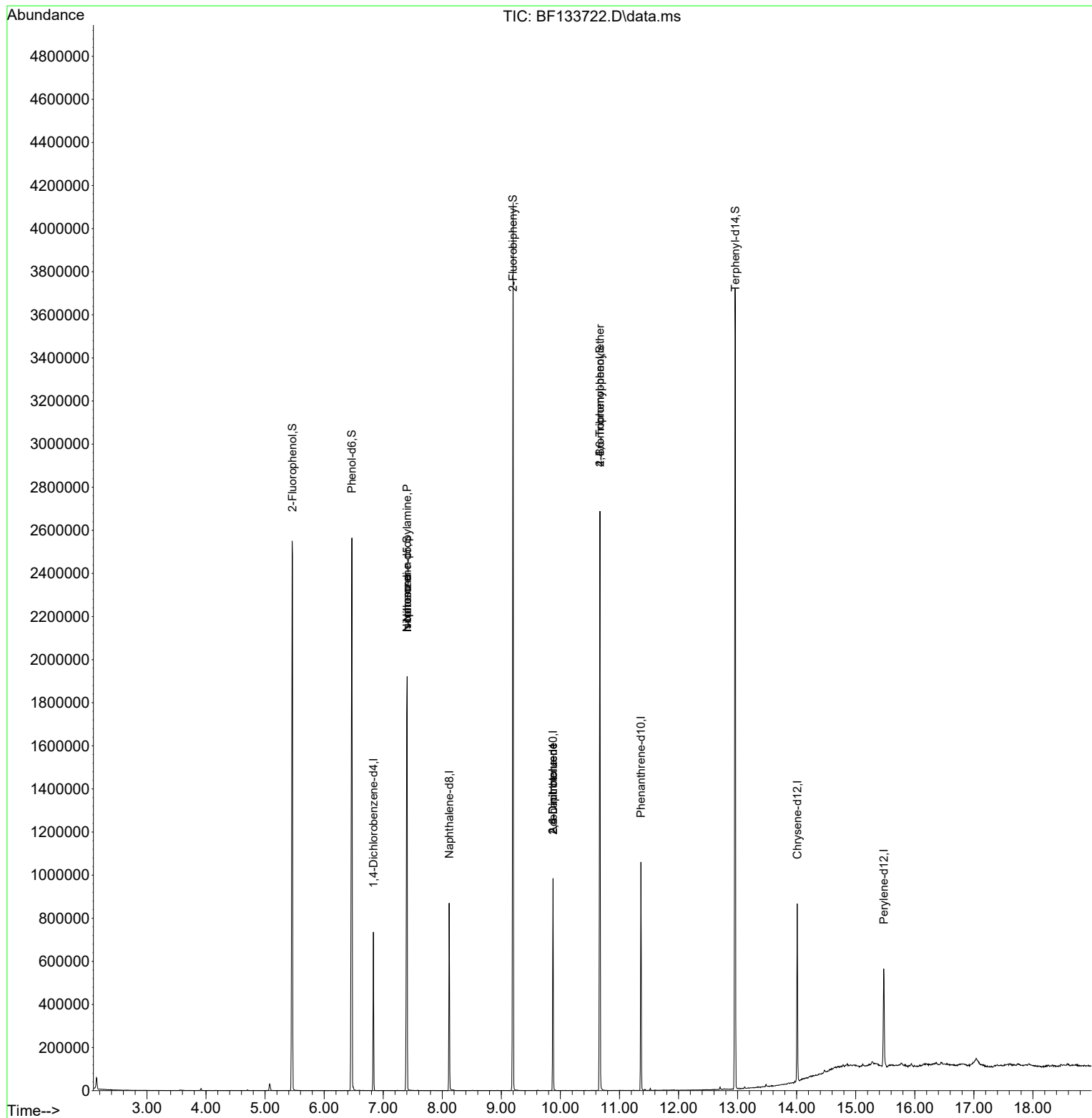
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min)    |
|-------------------------------|--------|------|----------|---------|-------|-------------|
| -----                         |        |      |          |         |       |             |
| Internal Standards            |        |      |          |         |       |             |
| 1) 1,4-Dichlorobenzene-d4     | 6.834  | 152  | 86925    | 20.000  | ng    | 0.00        |
| 21) Naphthalene-d8            | 8.116  | 136  | 332987   | 20.000  | ng    | 0.00        |
| 39) Acenaphthene-d10          | 9.875  | 164  | 173916   | 20.000  | ng    | 0.00        |
| 64) Phenanthrene-d10          | 11.363 | 188  | 355021   | 20.000  | ng    | 0.00        |
| 76) Chrysene-d12              | 14.010 | 240  | 251623   | 20.000  | ng    | 0.00        |
| 86) Perylene-d12              | 15.474 | 264  | 204799   | 20.000  | ng    | 0.00        |
| System Monitoring Compounds   |        |      |          |         |       |             |
| 5) 2-Fluorophenol             | 5.463  | 112  | 717629   | 143.724 | ng    | 0.02        |
| 7) Phenol-d6                  | 6.469  | 99   | 856205   | 131.737 | ng    | 0.00        |
| 23) Nitrobenzene-d5           | 7.404  | 82   | 608210   | 99.485  | ng    | 0.00        |
| 42) 2,4,6-Tribromophenol      | 10.669 | 330  | 299837   | 136.199 | ng    | 0.00        |
| 45) 2-Fluorobiphenyl          | 9.198  | 172  | 1133878  | 92.678  | ng    | 0.00        |
| 79) Terphenyl-d14             | 12.963 | 244  | 1428213  | 87.827  | ng    | 0.00        |
| Target Compounds              |        |      |          |         |       |             |
| 19) n-Nitroso-di-n-propyla... | 7.404  | 70   | 87957    | 21.270  | ng    | Qvalue # 78 |
| 25) Isophorone                | 7.404  | 82   | 608205   | 54.189  | ng    | # 65        |
| 51) 2,6-Dinitrotoluene        | 9.875  | 165  | 21818    | 8.143   | ng    | # 28        |
| 57) 2,4-Dinitrotoluene        | 9.875  | 165  | 21818    | 6.402   | ng    | # 19        |
| 67) 4-Bromophenyl-phenylether | 10.669 | 248  | 19062    | 4.811   | ng    | # 1         |
| -----                         |        |      |          |         |       |             |

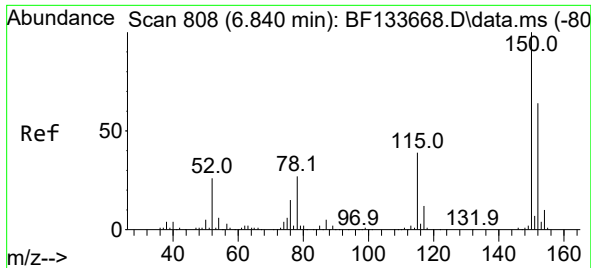
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF061323\  
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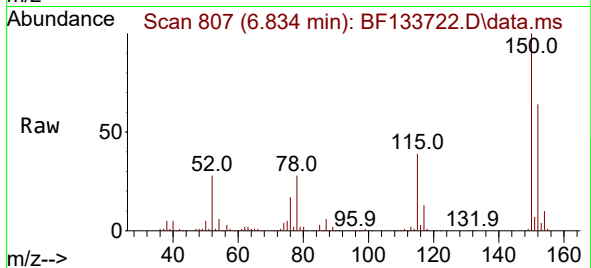
Quant Time: Jun 13 11:28:02 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF060923.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Jun 13 11:26:55 2023  
Response via : Initial Calibration



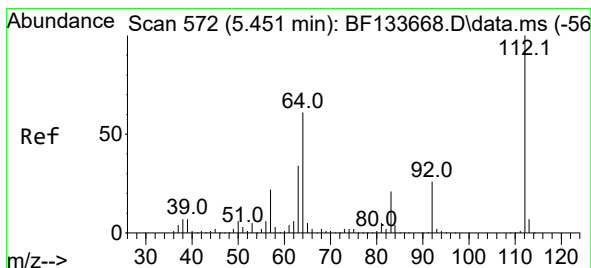
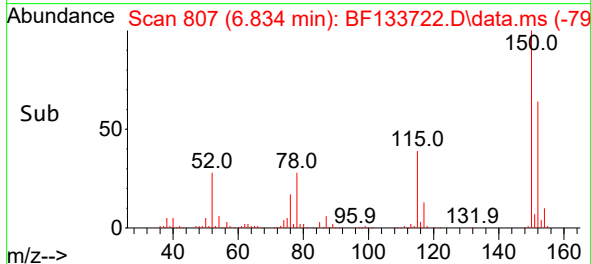
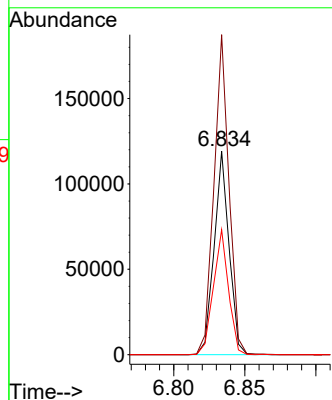


#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.834 min Scan# 80  
Delta R.T. -0.000 min  
Lab File: BF133722.D  
Acq: 13 Jun 2023 10:18

Instrument :  
BNA\_F  
ClientSampleId :  
PB153230BL

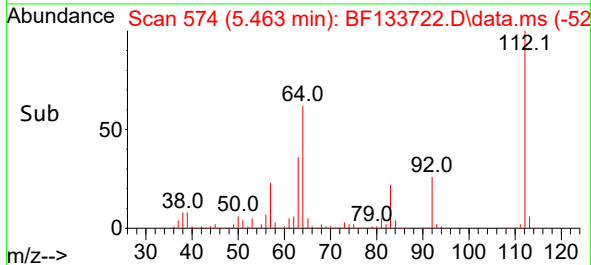
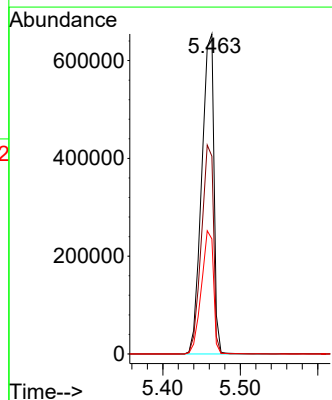
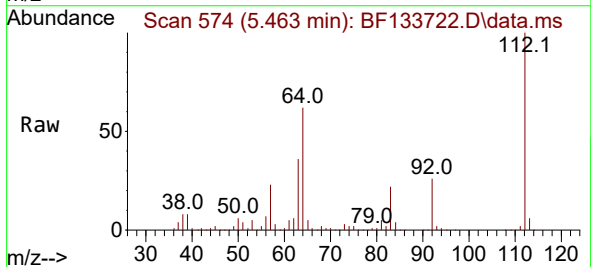


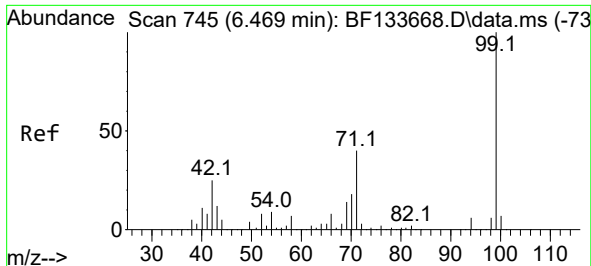
Tgt Ion:152 Resp: 86925  
Ion Ratio Lower Upper  
152 100  
150 157.2 124.3 186.5  
115 61.4 48.5 72.7



#5  
2-Fluorophenol  
Concen: 143.724 ng  
RT: 5.463 min Scan# 574  
Delta R.T. 0.018 min  
Lab File: BF133722.D  
Acq: 13 Jun 2023 10:18

Tgt Ion:112 Resp: 717629  
Ion Ratio Lower Upper  
112 100  
64 61.8 49.0 73.4  
63 35.9 26.8 40.2

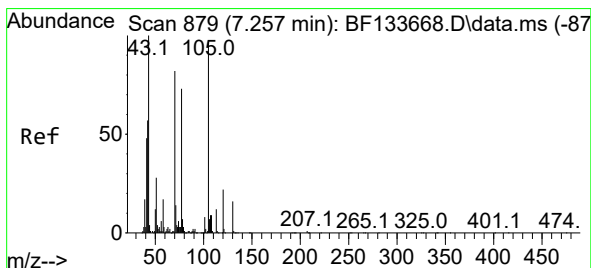
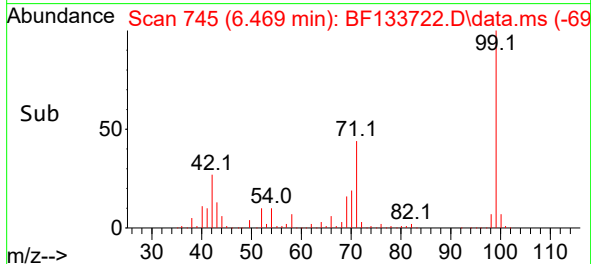
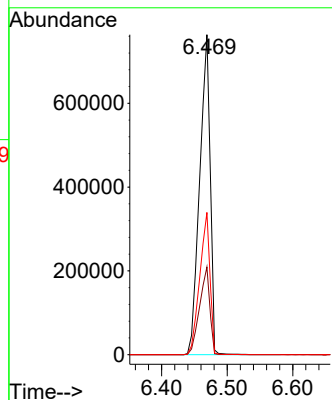
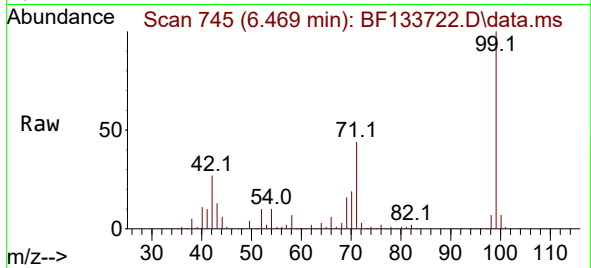




#7  
Phenol-d6  
Concen: 131.737 ng  
RT: 6.469 min Scan# 745  
Delta R.T. 0.000 min  
Lab File: BF133722.D  
Acq: 13 Jun 2023 10:18

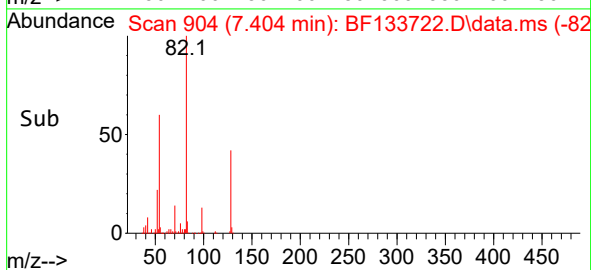
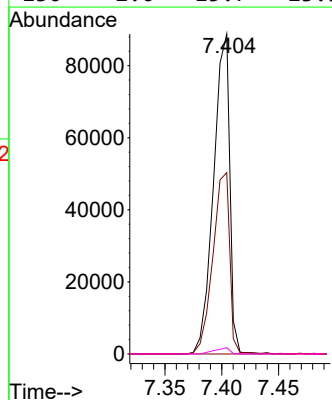
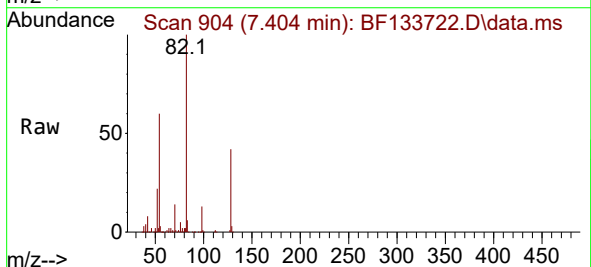
Instrument :  
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ClientSampleId :  
PB153230BL

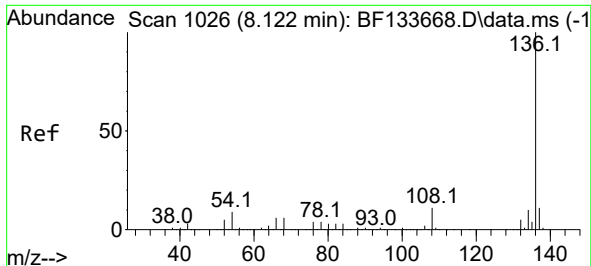
Tgt Ion: 99 Resp: 856205  
Ion Ratio Lower Upper  
99 100  
42 27.4 19.9 29.9  
71 44.5 32.2 48.4



#19  
n-Nitroso-di-n-propylamine  
Concen: 21.270 ng  
RT: 7.404 min Scan# 904  
Delta R.T. 0.153 min  
Lab File: BF133722.D  
Acq: 13 Jun 2023 10:18

Tgt Ion: 70 Resp: 87957  
Ion Ratio Lower Upper  
70 100  
42 56.7 55.8 83.8  
101 0.0 8.1 12.1#  
130 2.0 15.7 23.5#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.116 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF133722.D

Acq: 13 Jun 2023 10:18

Instrument :

BNA\_F

ClientSampleId :

PB153230BL

Tgt Ion:136 Resp: 332987

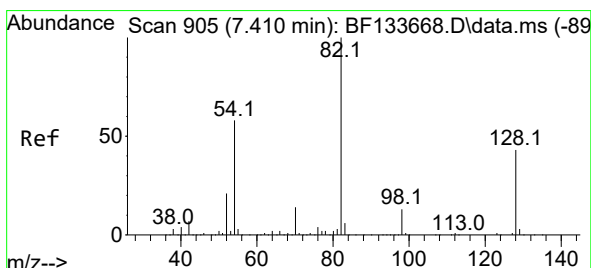
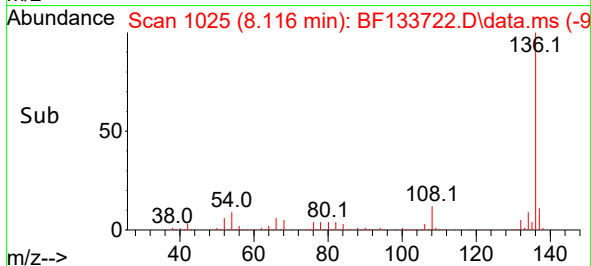
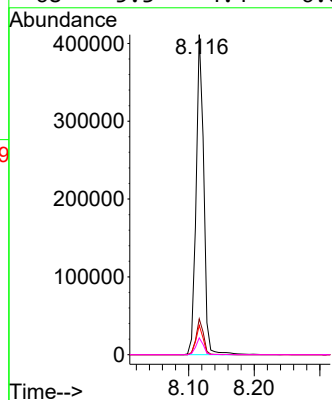
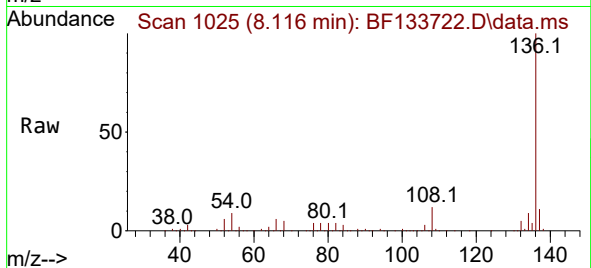
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 9.2 7.4 11.0

68 5.3 4.4 6.6



#23

Nitrobenzene-d5

Concen: 99.485 ng

RT: 7.404 min Scan# 904

Delta R.T. 0.000 min

Lab File: BF133722.D

Acq: 13 Jun 2023 10:18

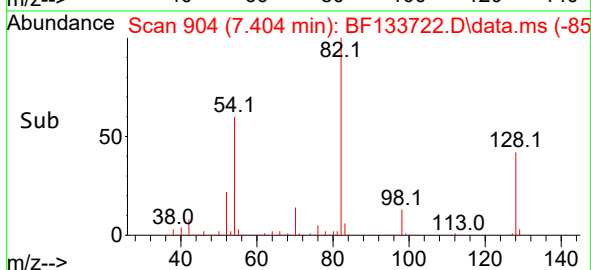
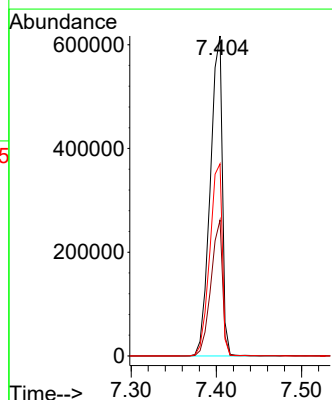
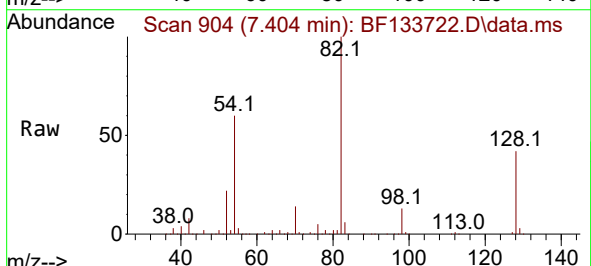
Tgt Ion: 82 Resp: 608210

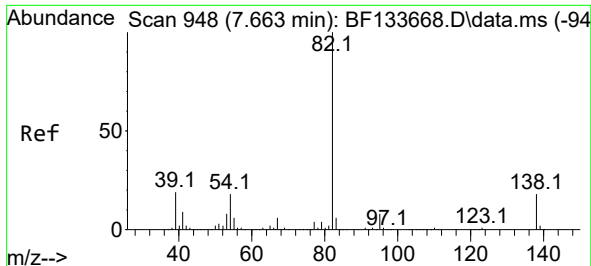
Ion Ratio Lower Upper

82 100

128 42.5 34.2 51.2

54 60.1 46.5 69.7

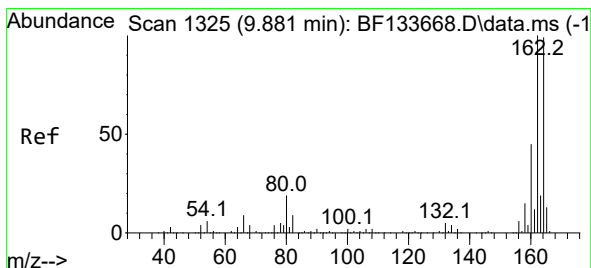
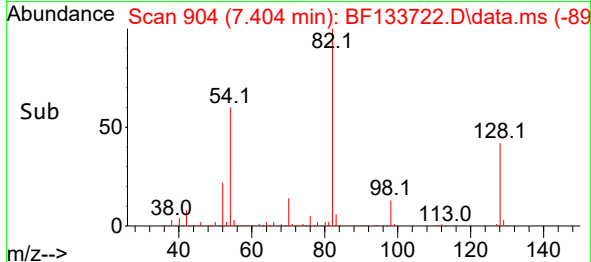
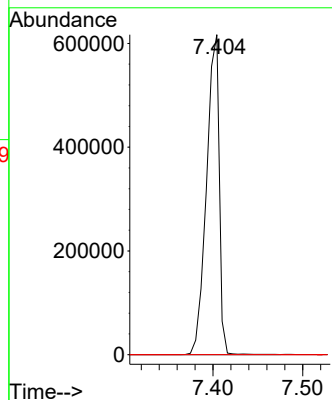
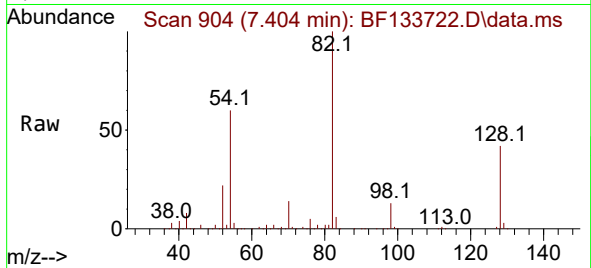




#25  
Isophorone  
Concen: 54.189 ng  
RT: 7.404 min Scan# 90  
Delta R.T. -0.253 min  
Lab File: BF133722.D  
Acq: 13 Jun 2023 10:18

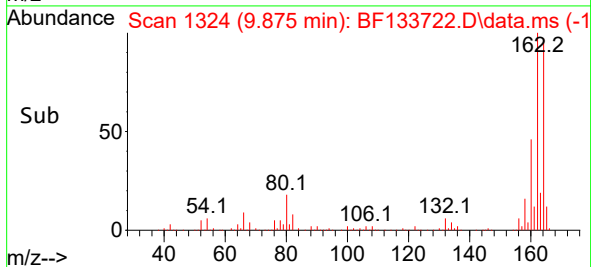
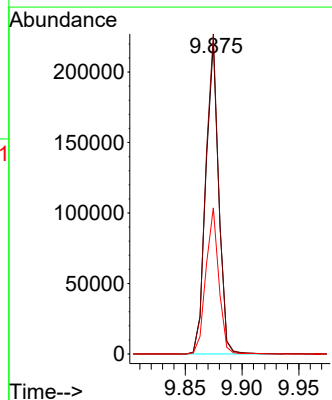
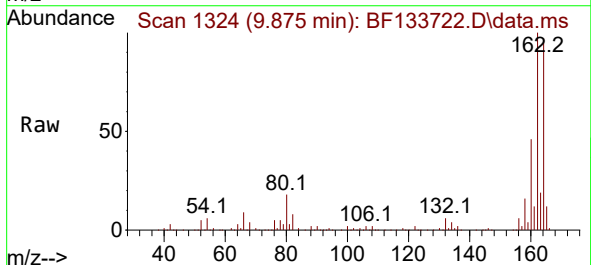
Instrument :  
BNA\_F  
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PB153230BL

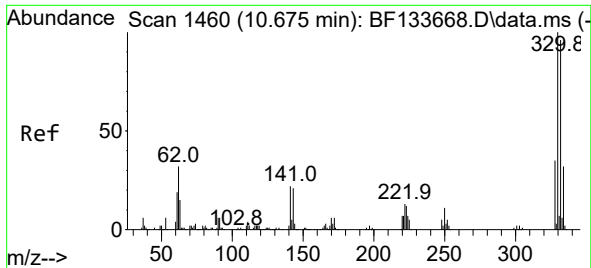
Tgt Ion: 82 Resp: 608205  
Ion Ratio Lower Upper  
82 100  
95 0.0 6.0 9.0#  
138 0.0 14.2 21.2#



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.875 min Scan# 1324  
Delta R.T. -0.006 min  
Lab File: BF133722.D  
Acq: 13 Jun 2023 10:18

Tgt Ion:164 Resp: 173916  
Ion Ratio Lower Upper  
164 100  
162 102.8 80.8 121.2  
160 46.9 36.7 55.1

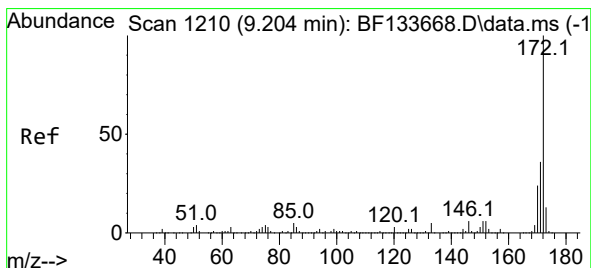
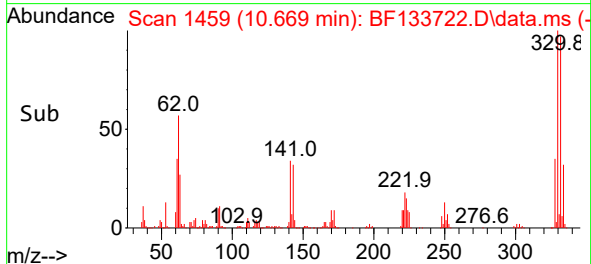
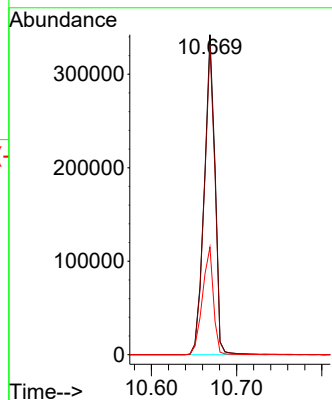
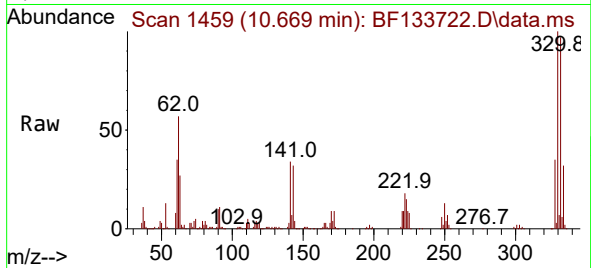




#42  
2,4,6-Tribromophenol  
Concen: 136.199 ng  
RT: 10.669 min Scan# 1460  
Delta R.T. 0.000 min  
Lab File: BF133722.D  
Acq: 13 Jun 2023 10:18

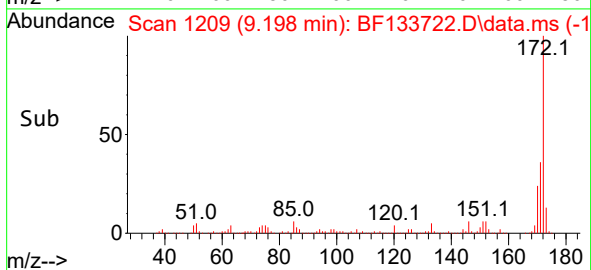
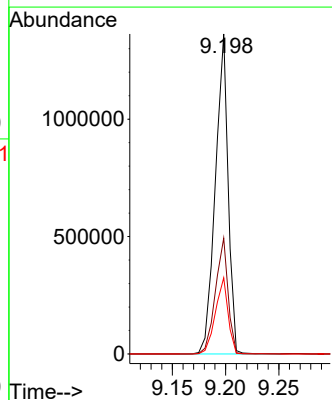
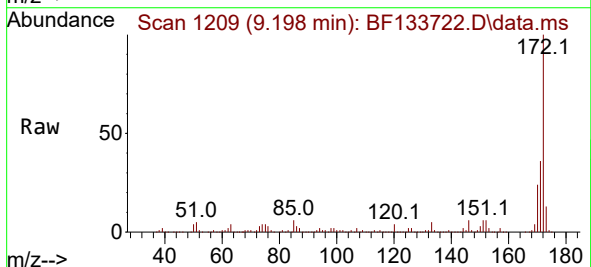
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ClientSampleId :  
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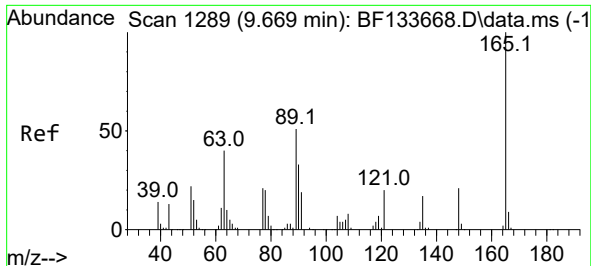
Tgt Ion:330 Resp: 299837  
Ion Ratio Lower Upper  
330 100  
332 96.5 77.2 115.8  
141 34.4 24.9 37.3



#45  
2-Fluorobiphenyl  
Concen: 92.678 ng  
RT: 9.198 min Scan# 1209  
Delta R.T. 0.000 min  
Lab File: BF133722.D  
Acq: 13 Jun 2023 10:18

Tgt Ion:172 Resp: 1133878  
Ion Ratio Lower Upper  
172 100  
171 36.2 28.6 43.0  
170 23.8 19.1 28.7

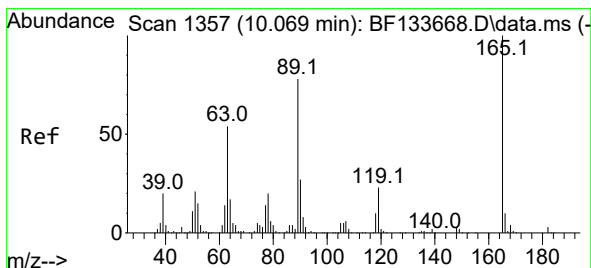
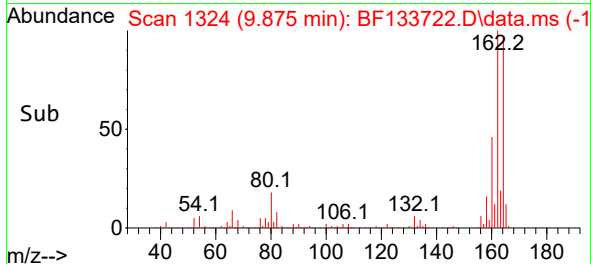
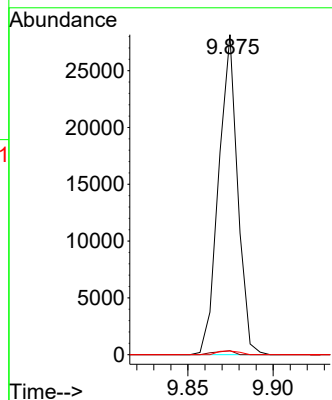
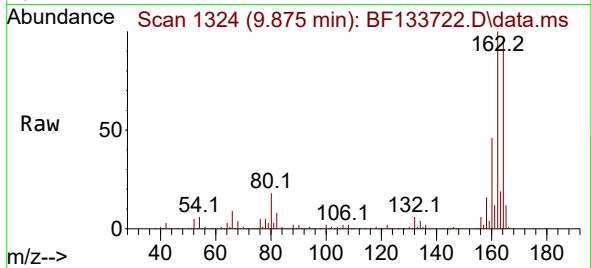




#51  
2,6-Dinitrotoluene  
Concen: 8.143 ng  
RT: 9.875 min Scan# 11  
Delta R.T. 0.212 min  
Lab File: BF133722.D  
Acq: 13 Jun 2023 10:18

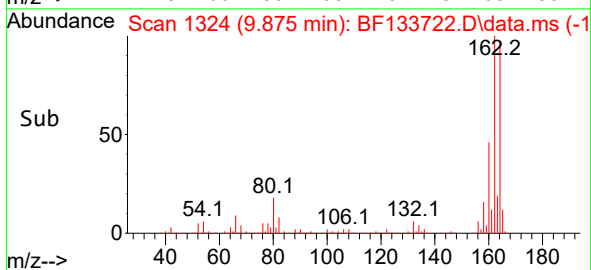
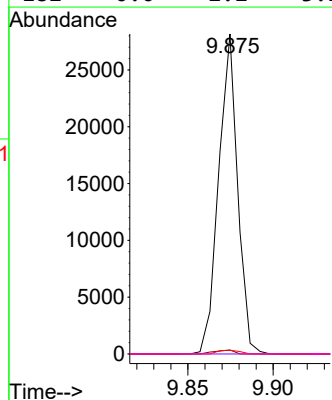
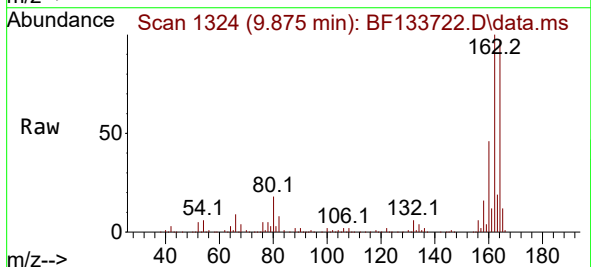
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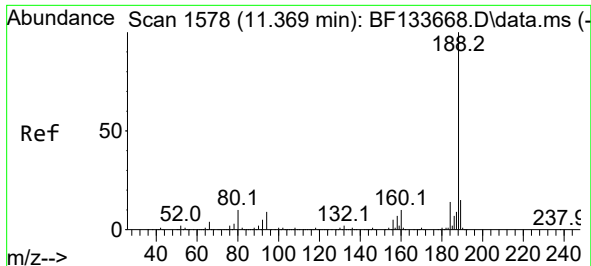
Tgt Ion:165 Resp: 21818  
Ion Ratio Lower Upper  
165 100  
63 1.2 42.1 63.1#  
89 1.2 40.9 61.3#



#57  
2,4-Dinitrotoluene  
Concen: 6.402 ng  
RT: 9.875 min Scan# 1324  
Delta R.T. -0.194 min  
Lab File: BF133722.D  
Acq: 13 Jun 2023 10:18

Tgt Ion:165 Resp: 21818  
Ion Ratio Lower Upper  
165 100  
63 1.2 43.0 64.6#  
89 1.2 62.6 93.8#  
182 0.0 2.2 3.2#

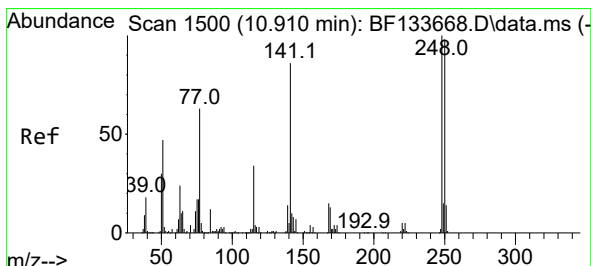
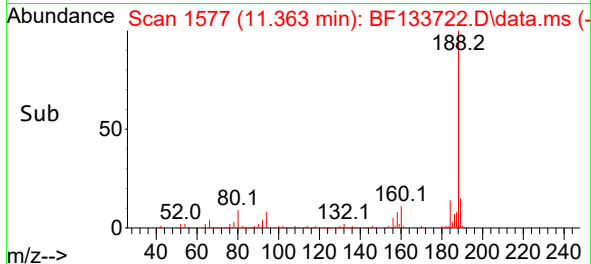
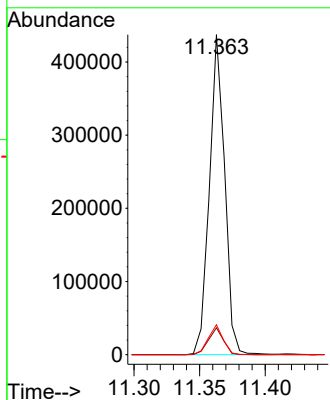
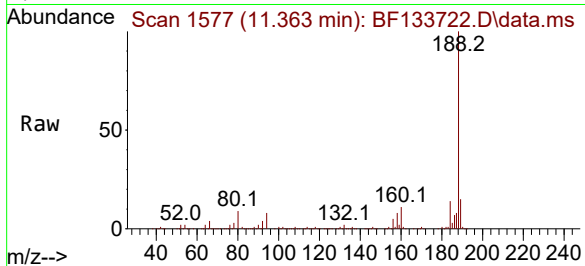




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.363 min Scan# 1  
Delta R.T. -0.006 min  
Lab File: BF133722.D  
Acq: 13 Jun 2023 10:18

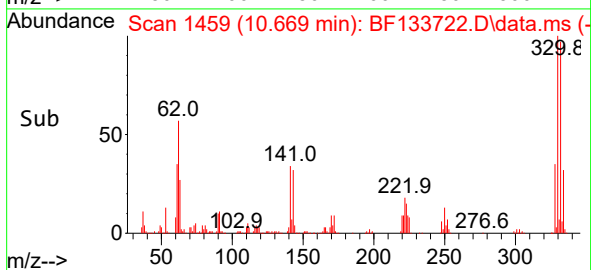
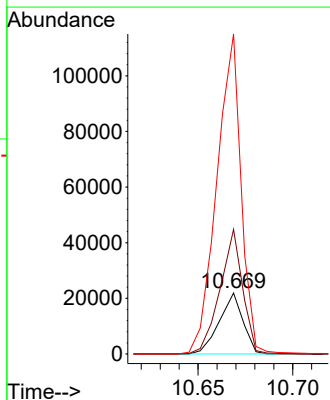
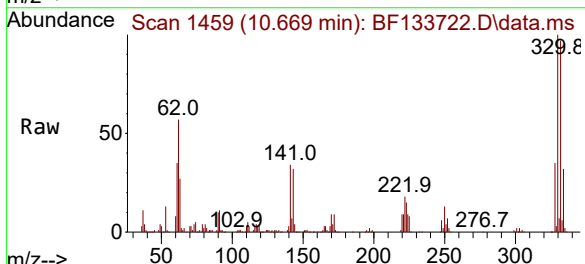
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BNA\_F  
ClientSampleId :  
PB153230BL

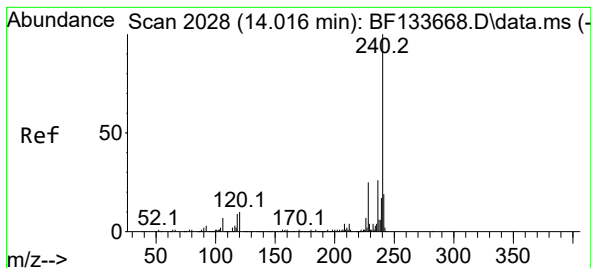
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Ion Ratio Lower Upper  
188 100  
94 8.4 6.8 10.2  
80 9.4 7.8 11.6



#67  
4-Bromophenyl-phenylether  
Concen: 4.811 ng  
RT: 10.669 min Scan# 1459  
Delta R.T. -0.241 min  
Lab File: BF133722.D  
Acq: 13 Jun 2023 10:18

Tgt Ion:248 Resp: 19062  
Ion Ratio Lower Upper  
248 100  
250 204.7 78.3 117.5#  
141 525.2 69.0 103.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.010 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF133722.D

Acq: 13 Jun 2023 10:18

Instrument :

BNA\_F

ClientSampleId :

PB153230BL

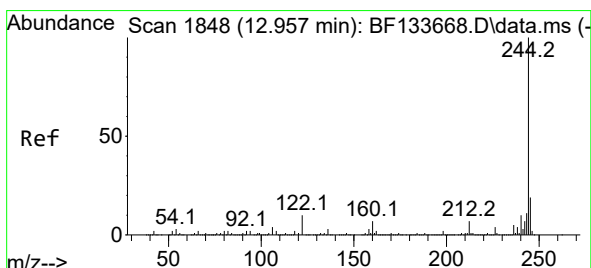
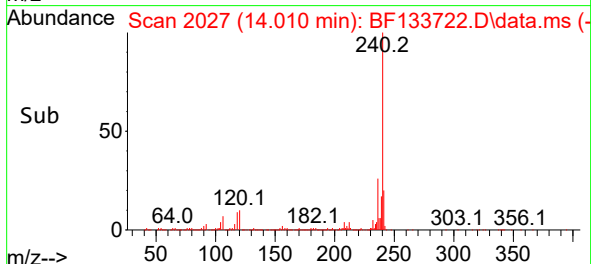
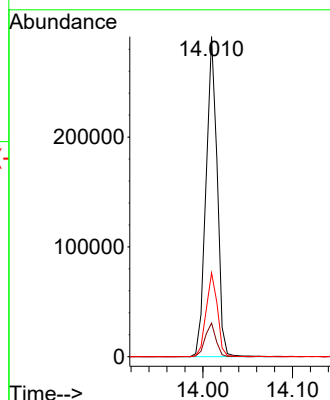
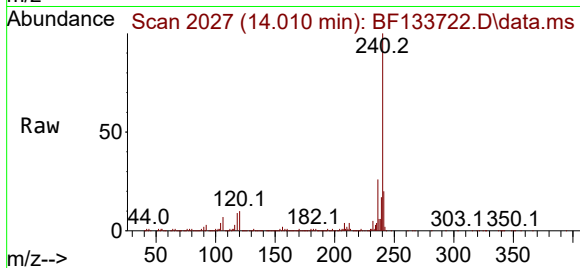
Tgt Ion:240 Resp: 251623

Ion Ratio Lower Upper

240 100

120 10.5 8.1 12.1

236 26.2 20.5 30.7



#79

Terphenyl-d14

Concen: 87.827 ng

RT: 12.963 min Scan# 1849

Delta R.T. 0.006 min

Lab File: BF133722.D

Acq: 13 Jun 2023 10:18

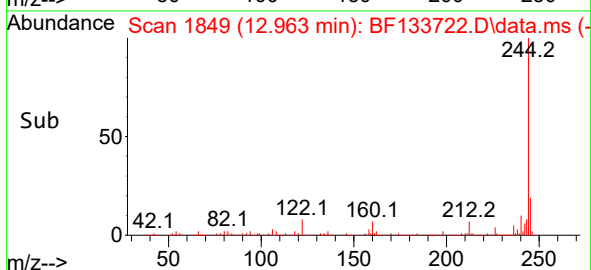
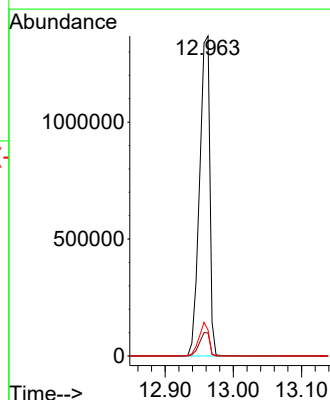
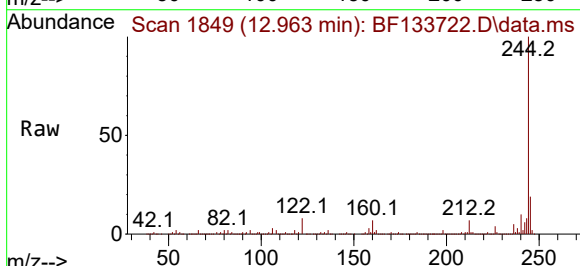
Tgt Ion:244 Resp: 1428213

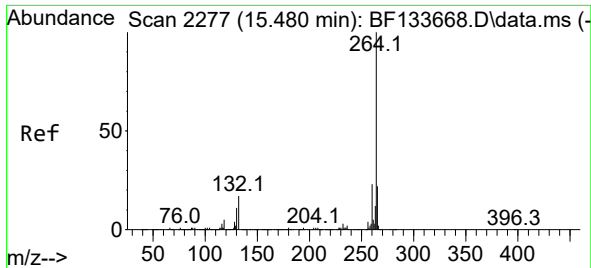
Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.2

122 8.1 8.1 12.1





#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.474 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BF133722.D  
Acq: 13 Jun 2023 10:18

Instrument :  
BNA\_F  
ClientSampleId :  
PB153230BL

Tgt Ion:264 Resp: 204799  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 22.6  | 18.2  | 27.2  |
| 265 | 20.8  | 17.8  | 26.6  |

