

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF112823\  
 Data File : BF136267.D  
 Acq On : 29 Nov 2023 00:49  
 Operator : CG\JU  
 Sample : 05519-01 5X  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 OK-02-112123

Quant Time: Nov 29 03:12:40 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF112723.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Nov 28 03:04:20 2023  
 Response via : Initial Calibration

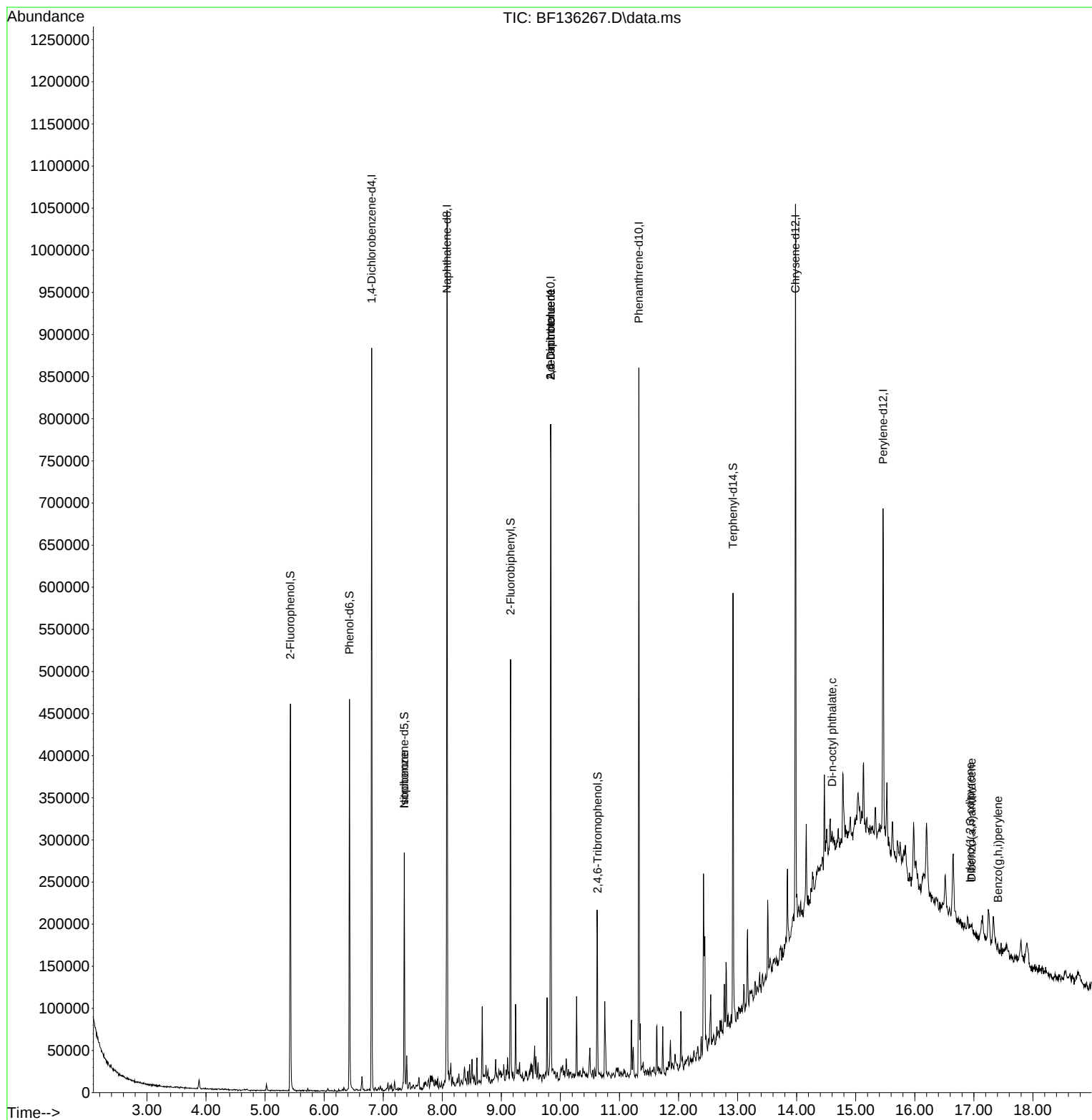
| Compound                    | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|--------|--------|----------|
| -----                       |        |      |          |        |        |          |
| Internal Standards          |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.804  | 152  | 114628   | 20.000 | ng     | 0.00     |
| 21) Naphthalene-d8          | 8.081  | 136  | 395895   | 20.000 | ng     | 0.00     |
| 39) Acenaphthene-d10        | 9.834  | 164  | 153312   | 20.000 | ng     | -0.01    |
| 64) Phenanthrene-d10        | 11.328 | 188  | 270694   | 20.000 | ng     | 0.00     |
| 76) Chrysene-d12            | 13.980 | 240  | 268444   | 20.000 | ng     | -0.01    |
| 86) Perylene-d12            | 15.463 | 264  | 188279   | 20.000 | ng     | -0.01    |
| System Monitoring Compounds |        |      |          |        |        |          |
| 5) 2-Fluorophenol           | 5.428  | 112  | 115723   | 14.051 | ng     | -0.01    |
| 7) Phenol-d6                | 6.428  | 99   | 134390   | 13.051 | ng     | -0.02    |
| 23) Nitrobenzene-d5         | 7.357  | 82   | 73450    | 9.804  | ng     | -0.02    |
| 42) 2,4,6-Tribromophenol    | 10.628 | 330  | 22158    | 11.822 | ng     | -0.01    |
| 45) 2-Fluorobiphenyl        | 9.157  | 172  | 139222   | 11.599 | ng     | -0.01    |
| 79) Terphenyl-d14           | 12.922 | 244  | 162342   | 6.976  | ng     | -0.01    |
| Target Compounds            |        |      |          |        |        |          |
|                             |        |      |          |        | Qvalue |          |
| 25) Isophorone              | 7.357  | 82   | 72697    | 5.381  | ng     | # 68     |
| 51) 2,6-Dinitrotoluene      | 9.834  | 165  | 19778    | 8.355  | ng     | # 24     |
| 57) 2,4-Dinitrotoluene      | 9.834  | 165  | 19778    | 6.255  | ng     | # 28     |
| 85) Di-n-octyl phthalate    | 14.598 | 149  | 598      | 5.192  | ng     | # 59     |
| 87) Indeno(1,2,3-cd)pyrene  | 16.939 | 276  | 7480     | 3.181  | ng     | # 86     |
| 91) Dibenzo(a,h)anthracene  | 16.962 | 278  | 4764     | 3.111  | ng     | # 78     |
| 92) Benzo(g,h,i)perylene    | 17.410 | 276  | 6019     | 2.411  | ng     | # 82     |
| -----                       |        |      |          |        |        |          |

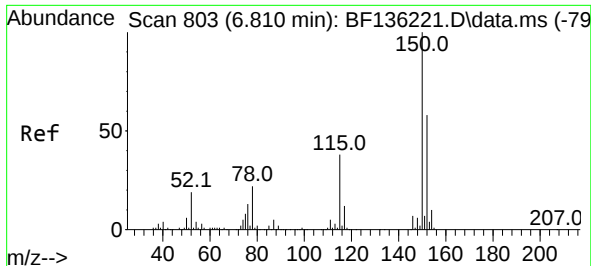
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF112823\  
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Nov 28 03:04:20 2023  
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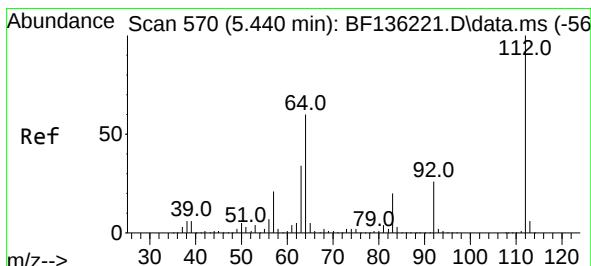
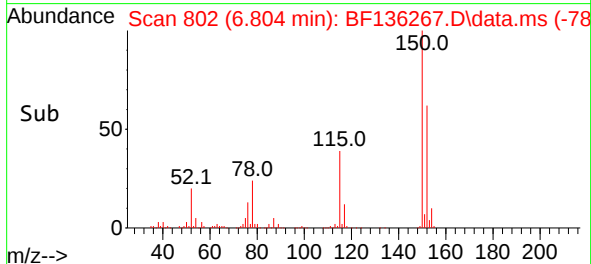
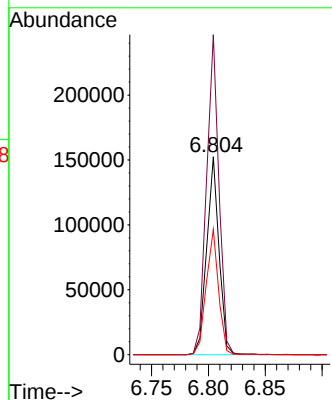
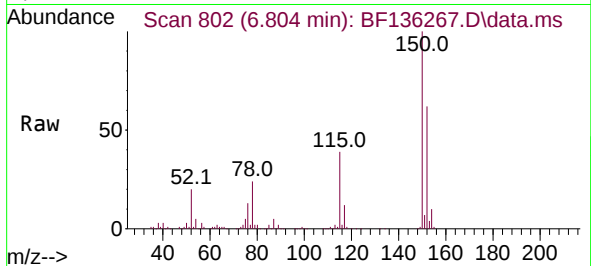




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.804 min Scan# 803  
Delta R.T. -0.006 min  
Lab File: BF136267.D  
Acq: 29 Nov 2023 00:49

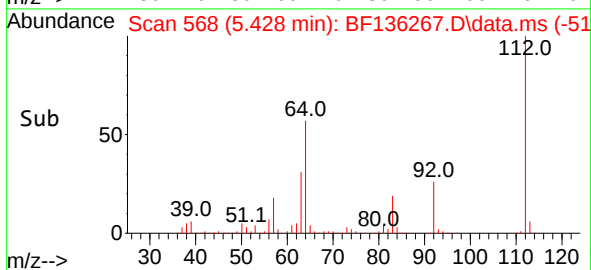
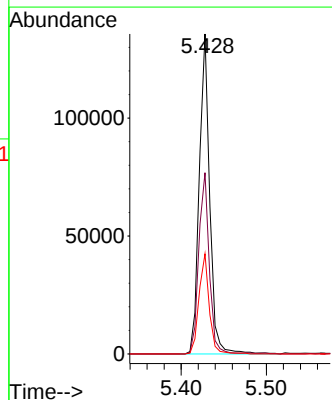
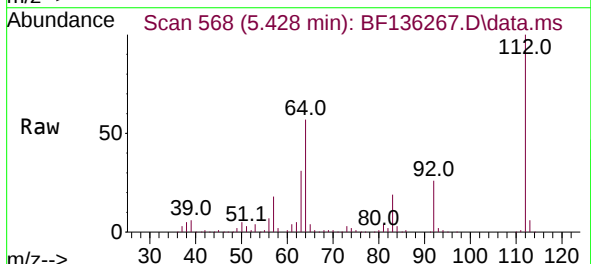
Instrument :  
BNA\_F  
ClientSampleId :  
OK-02-112123

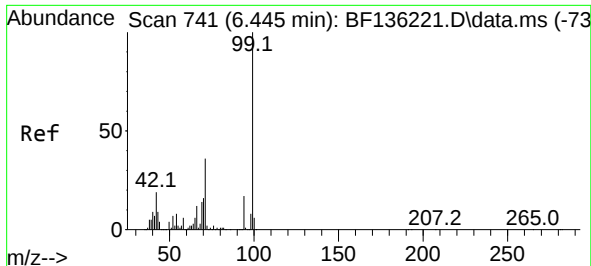
Tgt Ion:152 Resp: 114628  
Ion Ratio Lower Upper  
152 100  
150 161.6 137.8 206.8  
115 63.3 52.7 79.1



#5  
2-Fluorophenol  
Concen: 14.051 ng  
RT: 5.428 min Scan# 568  
Delta R.T. -0.012 min  
Lab File: BF136267.D  
Acq: 29 Nov 2023 00:49

Tgt Ion:112 Resp: 115723  
Ion Ratio Lower Upper  
112 100  
64 56.6 48.2 72.4  
63 31.3 27.0 40.6

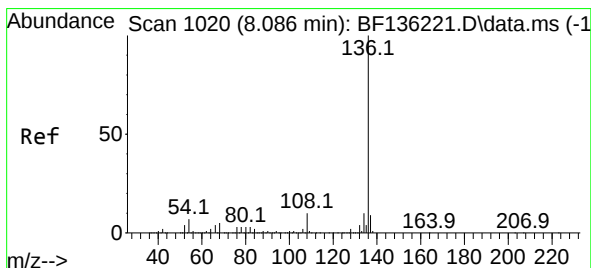
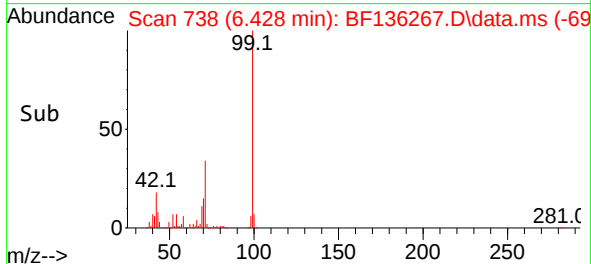
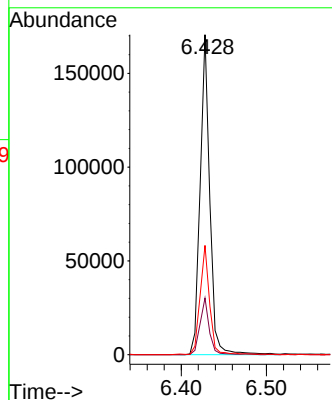
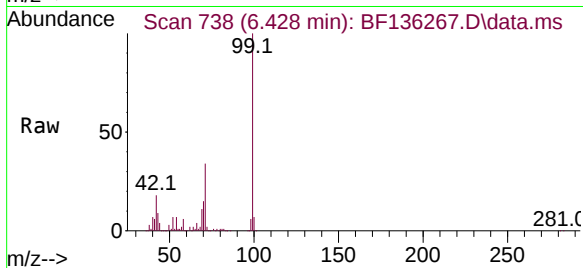




#7  
Phenol-d6  
Concen: 13.051 ng  
RT: 6.428 min Scan# 71  
Delta R.T. -0.017 min  
Lab File: BF136267.D  
Acq: 29 Nov 2023 00:49

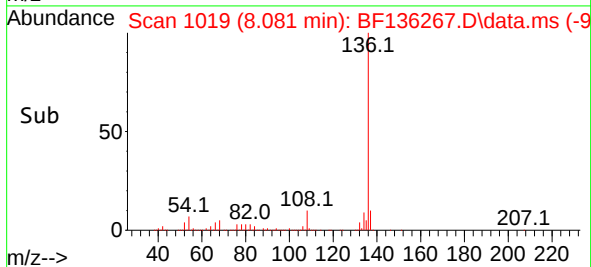
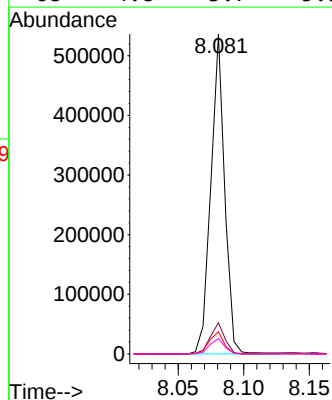
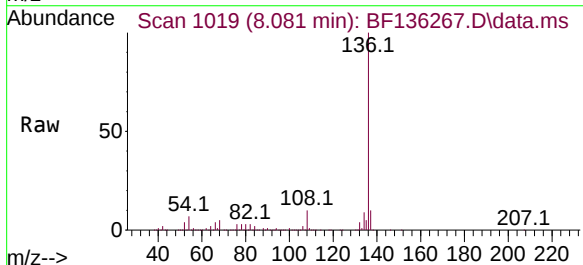
Instrument :  
BNA\_F  
ClientSampleId :  
OK-02-112123

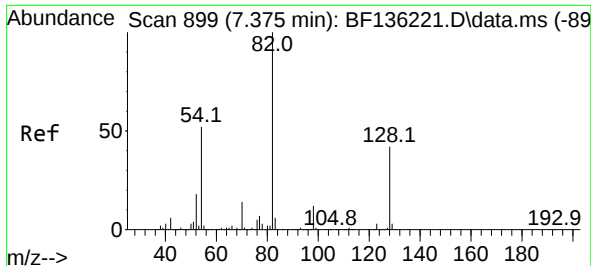
Tgt Ion: 99 Resp: 134390  
Ion Ratio Lower Upper  
99 100  
42 17.7 15.0 22.6  
71 34.1 28.9 43.3



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.081 min Scan# 1019  
Delta R.T. -0.006 min  
Lab File: BF136267.D  
Acq: 29 Nov 2023 00:49

Tgt Ion: 136 Resp: 395895  
Ion Ratio Lower Upper  
136 100  
137 9.8 7.4 11.2  
54 7.0 5.5 8.3  
68 4.8 3.7 5.5





#23

Nitrobenzene-d5

Concen: 9.804 ng

RT: 7.357 min Scan# 896

Delta R.T. -0.017 min

Lab File: BF136267.D

Acq: 29 Nov 2023 00:49

Instrument :

BNA\_F

ClientSampleId :

OK-02-112123

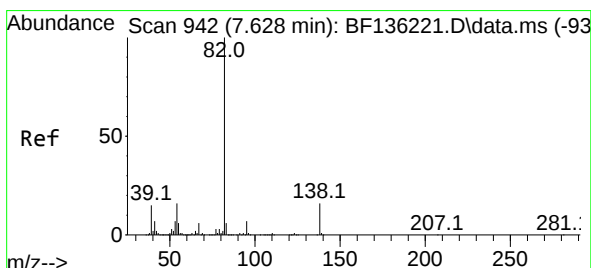
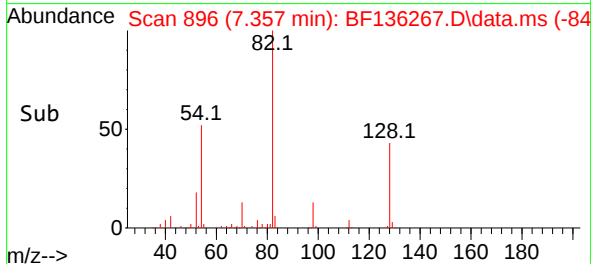
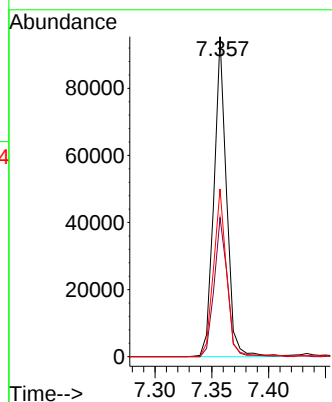
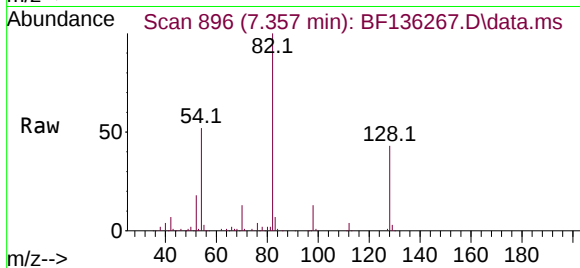
Tgt Ion: 82 Resp: 73450

Ion Ratio Lower Upper

82 100

128 43.5 33.4 50.2

54 52.4 41.7 62.5



#25

Isophorone

Concen: 5.381 ng

RT: 7.357 min Scan# 896

Delta R.T. -0.270 min

Lab File: BF136267.D

Acq: 29 Nov 2023 00:49

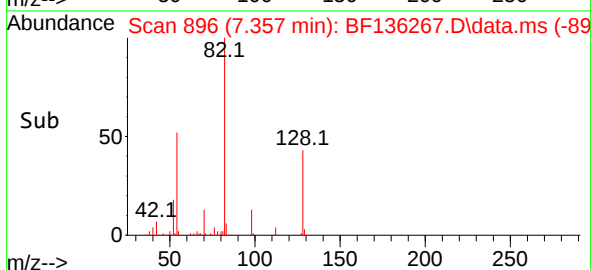
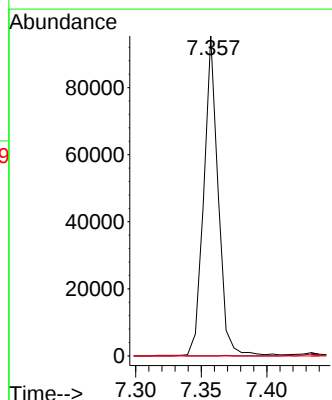
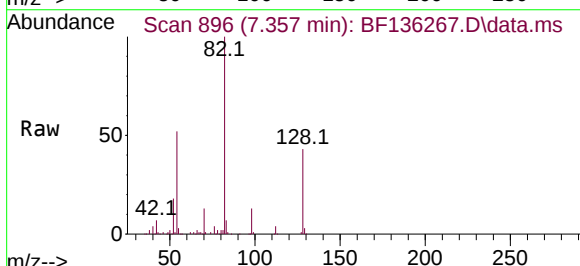
Tgt Ion: 82 Resp: 72697

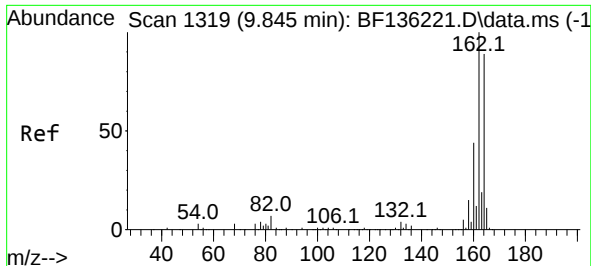
Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

138 0.0 12.8 19.2#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.834 min Scan# 1

Delta R.T. -0.011 min

Lab File: BF136267.D

Acq: 29 Nov 2023 00:49

Instrument :

BNA\_F

ClientSampleId :

OK-02-112123

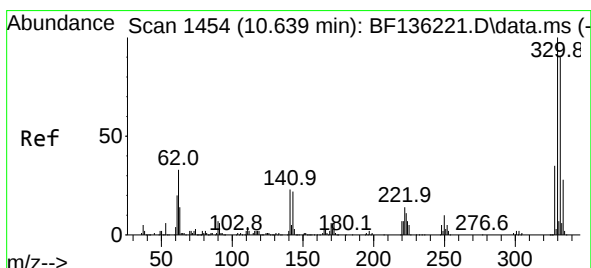
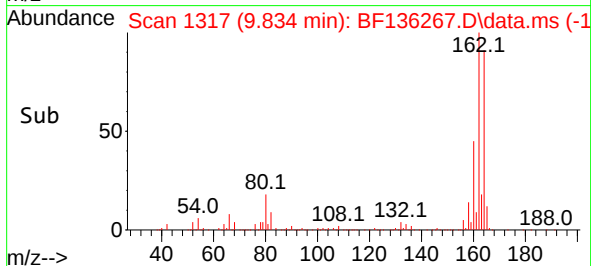
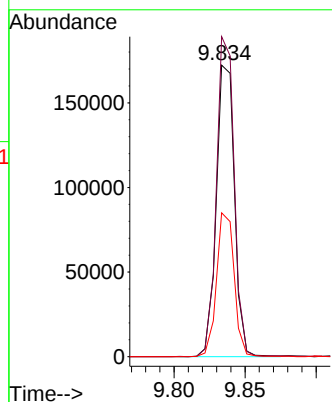
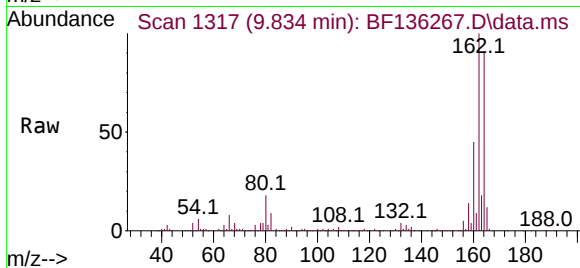
Tgt Ion:164 Resp: 153312

Ion Ratio Lower Upper

164 100

162 109.8 89.5 134.3

160 49.3 39.6 59.4



#42

2,4,6-Tribromophenol

Concen: 11.822 ng

RT: 10.628 min Scan# 1452

Delta R.T. -0.012 min

Lab File: BF136267.D

Acq: 29 Nov 2023 00:49

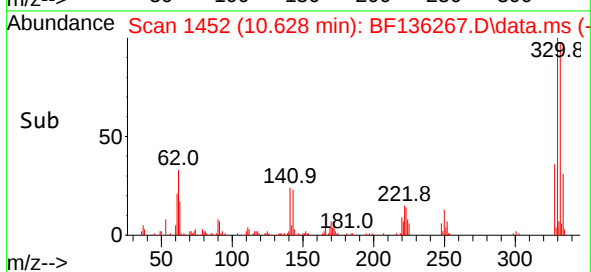
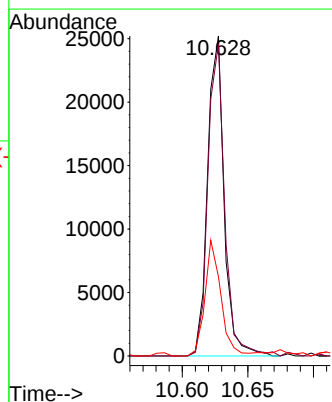
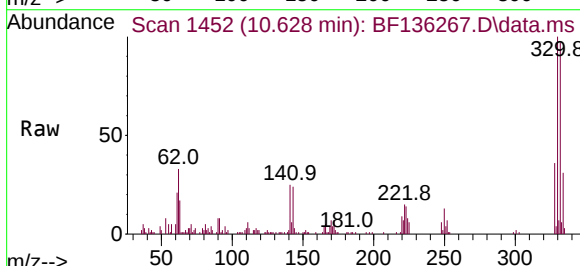
Tgt Ion:330 Resp: 22158

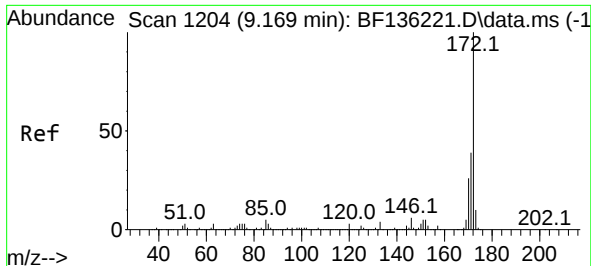
Ion Ratio Lower Upper

330 100

332 99.1 73.0 109.6

141 35.0 24.2 36.2

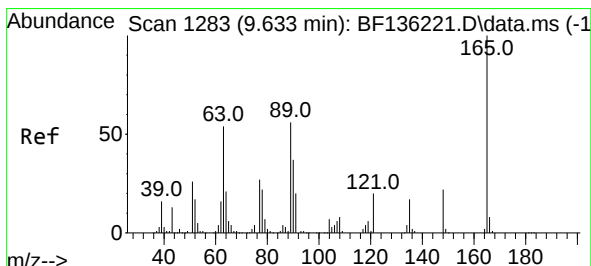
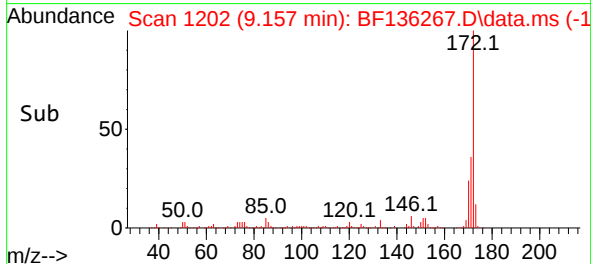
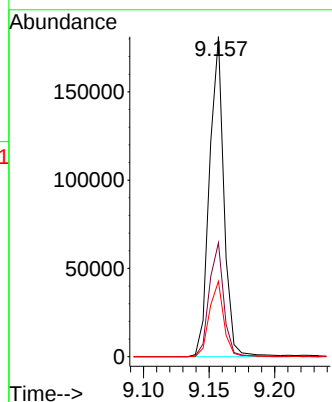
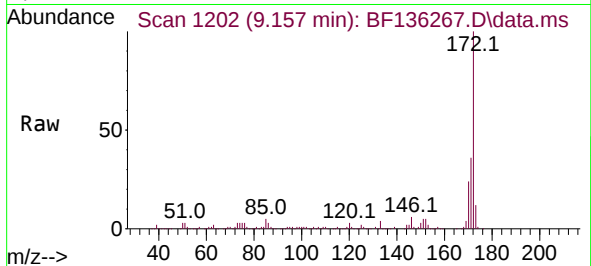




#45  
2-Fluorobiphenyl  
Concen: 11.599 ng  
RT: 9.157 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: BF136267.D  
Acq: 29 Nov 2023 00:49

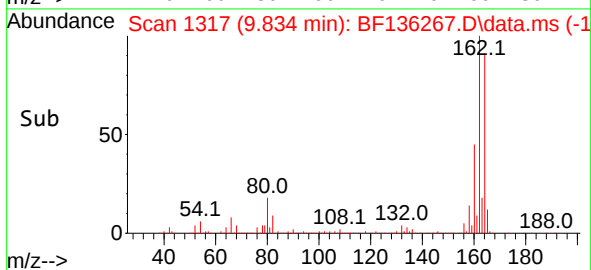
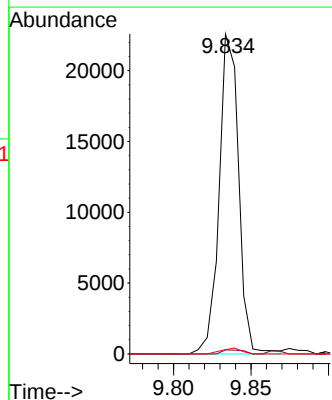
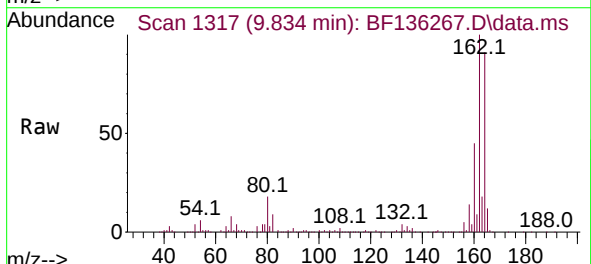
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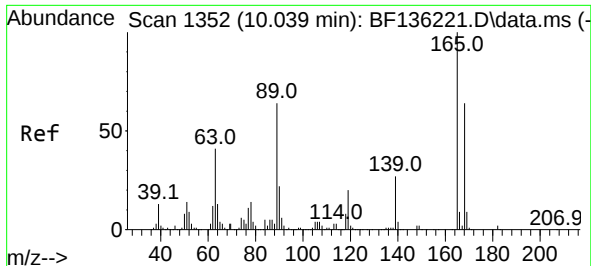
Tgt Ion:172 Resp: 139222  
Ion Ratio Lower Upper  
172 100  
171 35.6 31.5 47.3  
170 23.6 20.8 31.2



#51  
2,6-Dinitrotoluene  
Concen: 8.355 ng  
RT: 9.834 min Scan# 1317  
Delta R.T. 0.200 min  
Lab File: BF136267.D  
Acq: 29 Nov 2023 00:49

Tgt Ion:165 Resp: 19778  
Ion Ratio Lower Upper  
165 100  
63 1.3 46.2 69.2#  
89 1.4 44.9 67.3#

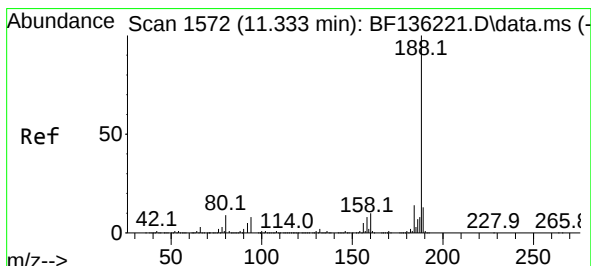
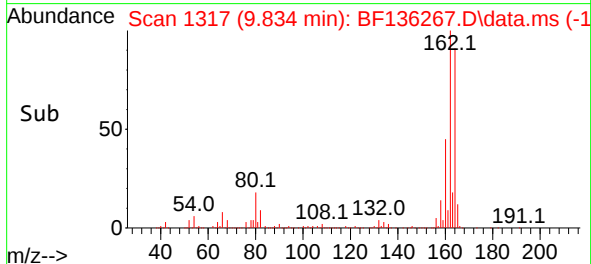
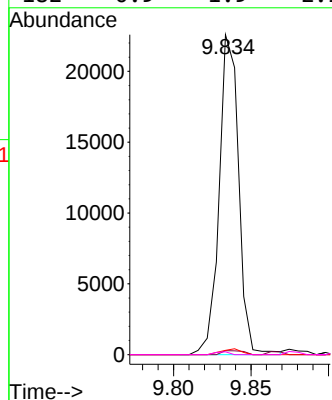
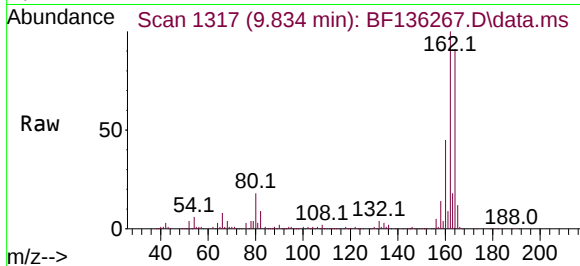




#57  
2,4-Dinitrotoluene  
Concen: 6.255 ng  
RT: 9.834 min Scan# 11  
Delta R.T. -0.206 min  
Lab File: BF136267.D  
Acq: 29 Nov 2023 00:49

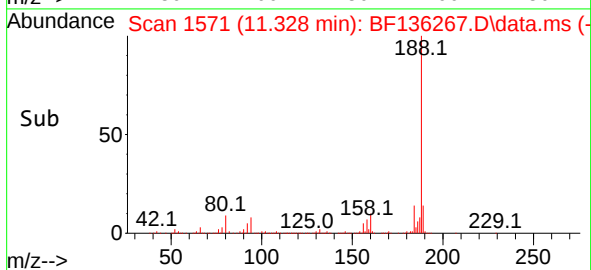
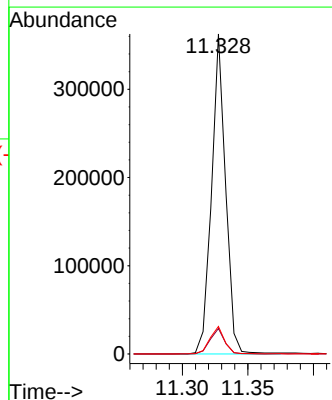
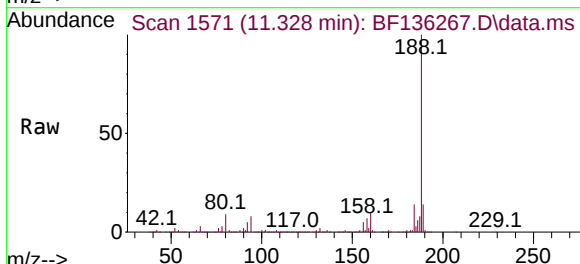
Instrument :  
BNA\_F  
ClientSampleId :  
OK-02-112123

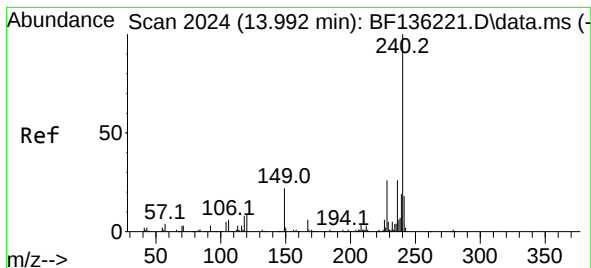
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 165   | Resp: | 19778 |
| Ion Ratio | Lower | Upper |       |
| 165       | 100   |       |       |
| 63        | 1.3   | 33.0  | 49.4# |
| 89        | 1.4   | 51.5  | 77.3# |
| 182       | 0.9   | 1.9   | 2.9#  |



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.328 min Scan# 1571  
Delta R.T. -0.005 min  
Lab File: BF136267.D  
Acq: 29 Nov 2023 00:49

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 188   | Resp: | 270694 |
| Ion Ratio | Lower | Upper |        |
| 188       | 100   |       |        |
| 94        | 7.9   | 6.7   | 10.1   |
| 80        | 8.6   | 7.2   | 10.8   |





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.980 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF136267.D

Acq: 29 Nov 2023 00:49

Instrument :

BNA\_F

ClientSampleId :

OK-02-112123

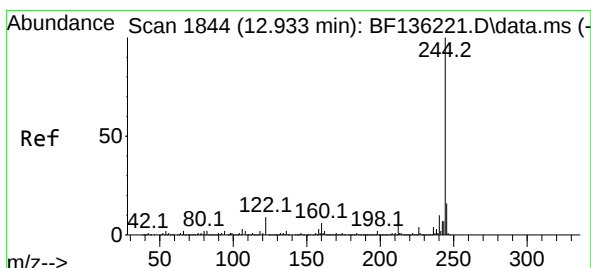
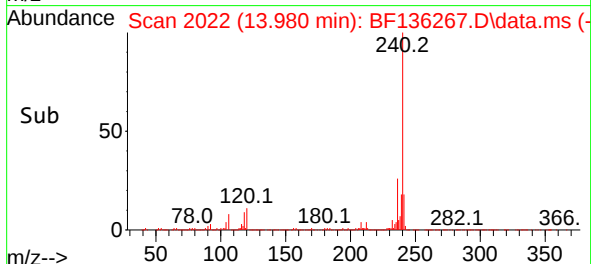
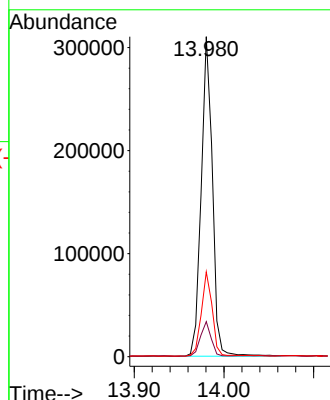
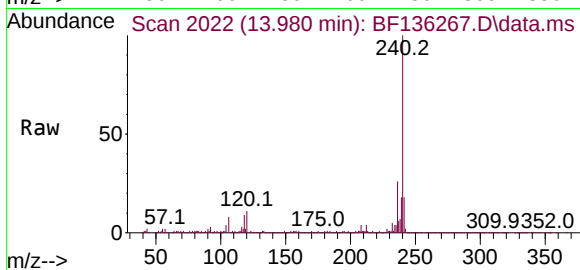
Tgt Ion:240 Resp: 268444

Ion Ratio Lower Upper

240 100

120 10.9 7.4 11.2

236 26.5 21.1 31.7



#79

Terphenyl-d14

Concen: 6.976 ng

RT: 12.922 min Scan# 1842

Delta R.T. -0.012 min

Lab File: BF136267.D

Acq: 29 Nov 2023 00:49

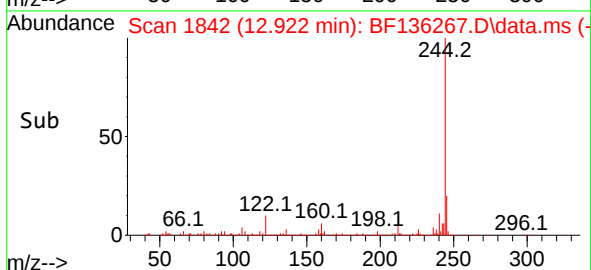
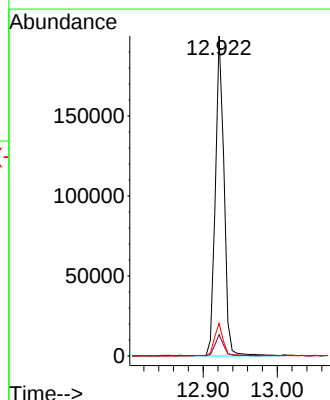
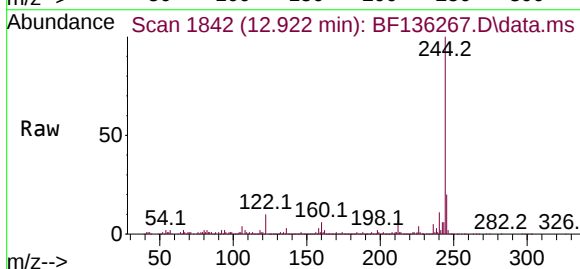
Tgt Ion:244 Resp: 162342

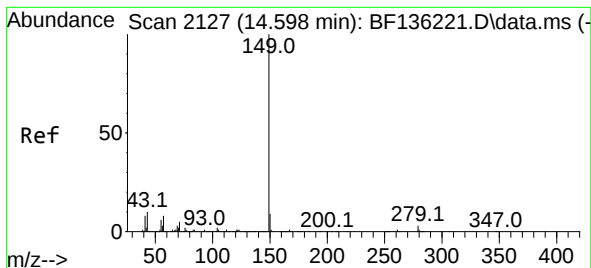
Ion Ratio Lower Upper

244 100

212 6.7 4.6 7.0

122 10.2 7.3 10.9





#85

Di-n-octyl phthalate

Concen: 5.192 ng

RT: 14.598 min Scan# 2127

Delta R.T. -0.000 min

Lab File: BF136267.D

Acq: 29 Nov 2023 00:49

Instrument :

BNA\_F

ClientSampleId :

OK-02-112123

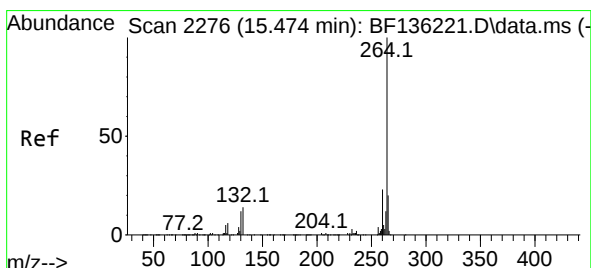
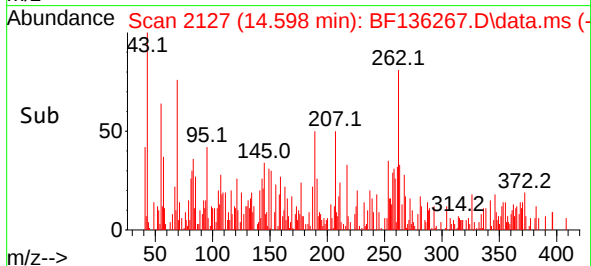
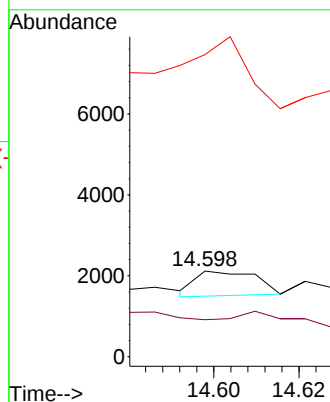
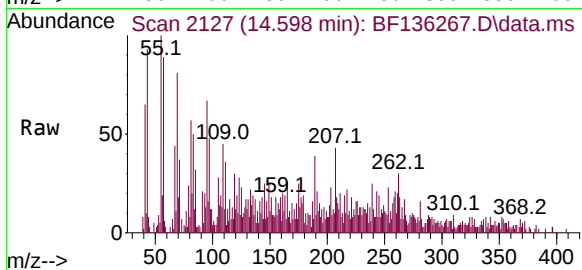
Tgt Ion:149 Resp: 598

Ion Ratio Lower Upper

149 100

167 62.4 1.0 1.6#

43 0.0 7.2 10.8#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.463 min Scan# 2274

Delta R.T. -0.011 min

Lab File: BF136267.D

Acq: 29 Nov 2023 00:49

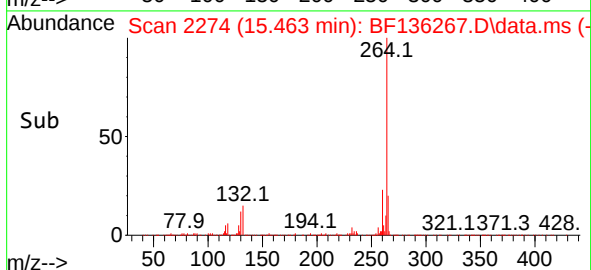
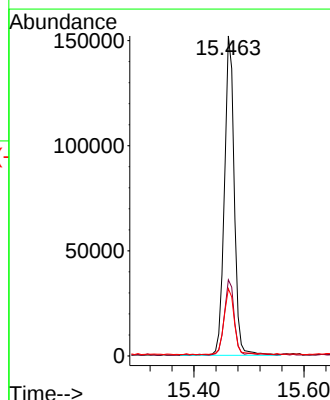
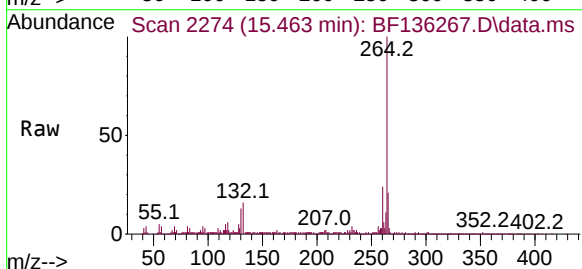
Tgt Ion:264 Resp: 188279

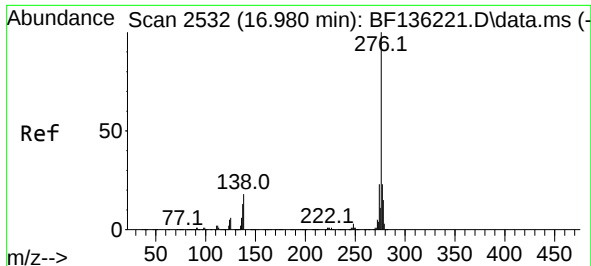
Ion Ratio Lower Upper

264 100

260 23.8 18.6 27.8

265 21.0 15.7 23.5

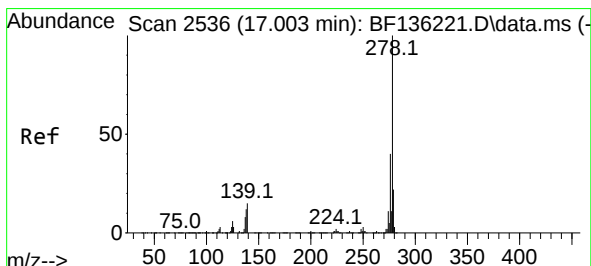
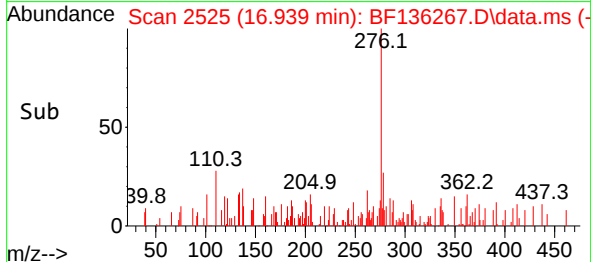
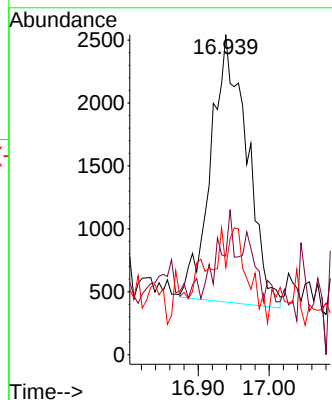
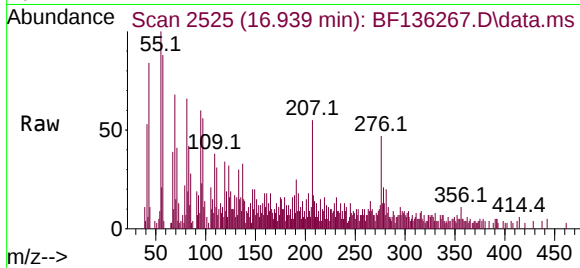




#87  
 Indeno(1,2,3-cd)pyrene  
 Concen: 3.181 ng  
 RT: 16.939 min Scan# 2525  
 Delta R.T. -0.041 min  
 Lab File: BF136267.D  
 Acq: 29 Nov 2023 00:49

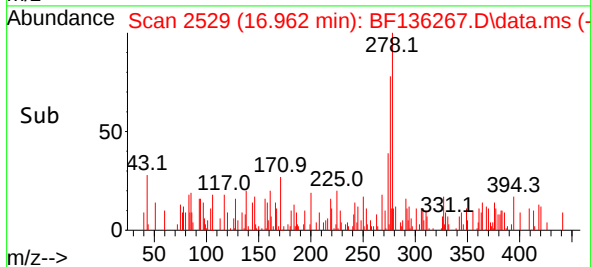
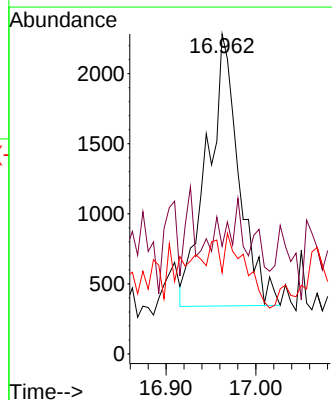
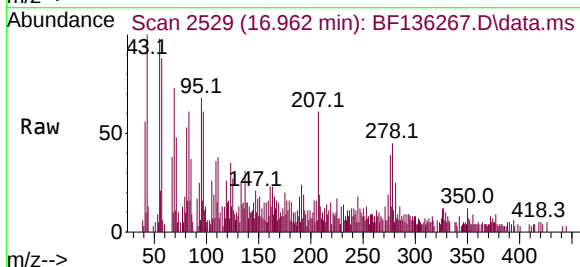
Instrument :  
 BNA\_F  
 ClientSampleId :  
 OK-02-112123

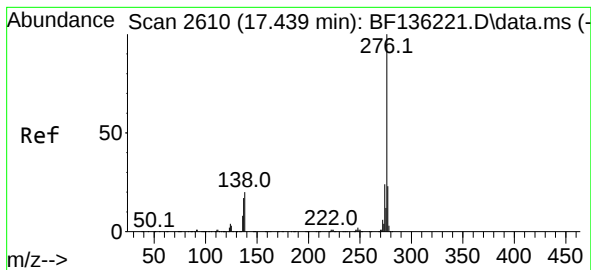
Tgt Ion:276 Resp: 7480  
 Ion Ratio Lower Upper  
 276 100  
 138 14.4 17.7 26.5#  
 277 18.8 19.6 29.4#



#91  
 Dibenzo(a,h)anthracene  
 Concen: 3.111 ng  
 RT: 16.962 min Scan# 2529  
 Delta R.T. -0.041 min  
 Lab File: BF136267.D  
 Acq: 29 Nov 2023 00:49

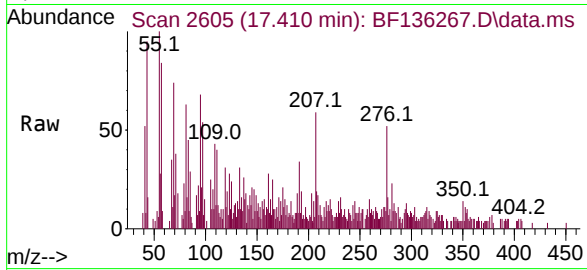
Tgt Ion:278 Resp: 4764  
 Ion Ratio Lower Upper  
 278 100  
 139 33.7 11.7 17.5#  
 279 25.4 17.8 26.8





#92  
Benzo(g,h,i)perylene  
Concen: 2.411 ng  
RT: 17.410 min Scan# 20  
Delta R.T. -0.029 min  
Lab File: BF136267.D  
Acq: 29 Nov 2023 00:49

Instrument :  
BNA\_F  
ClientSampleId :  
OK-02-112123



Tgt Ion:276 Resp: 6019  
Ion Ratio Lower Upper  
276 100  
277 31.6 18.6 27.8#  
138 29.0 15.8 23.8#

