

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF091522\  
 Data File : BF130270.D  
 Acq On : 15 Sep 2022 14:34  
 Operator : CG\JU  
 Sample : N4613-02  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SASP2-T-6-(18-23)

Quant Time: Sep 16 03:27:06 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF091422.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Sep 14 14:55:51 2022  
 Response via : Initial Calibration

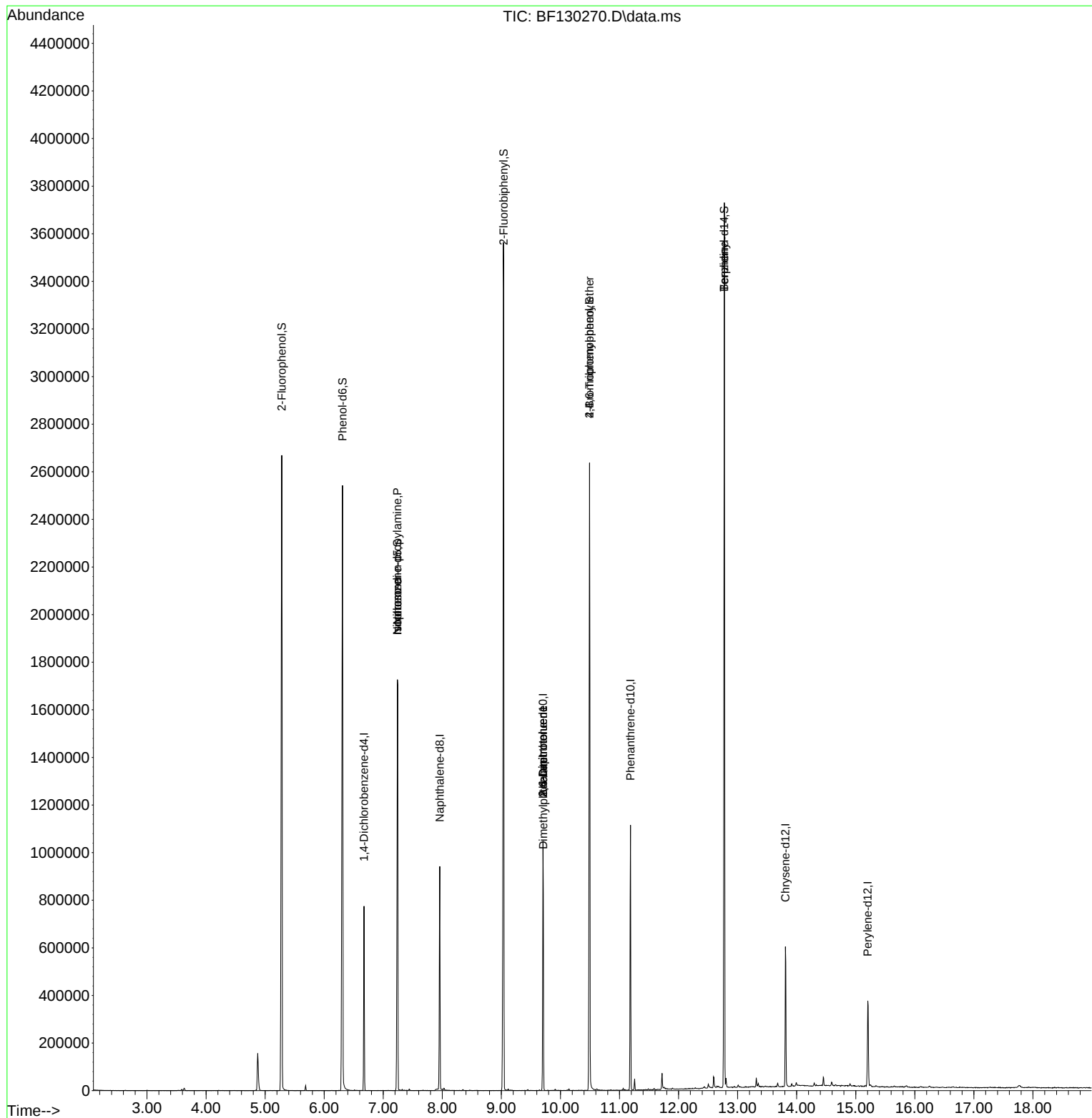
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.675  | 152  | 93432    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 7.957  | 136  | 375650   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.704  | 164  | 204340   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.186 | 188  | 357362   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 13.810 | 240  | 188359   | 20.000  | ng    | -0.01    |
| 86) Perylene-d12              | 15.204 | 264  | 151518   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.281  | 112  | 774380   | 143.755 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.310  | 99   | 985947   | 146.280 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.240  | 82   | 636300   | 86.537  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol      | 10.492 | 330  | 297669   | 152.030 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.039  | 172  | 1168127  | 83.244  | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.774 | 244  | 1140610  | 100.309 | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 19) n-Nitroso-di-n-propyla... | 7.240  | 70   | 87864    | 19.319  | ng    | # 76     |
| 25) Isophorone                | 7.240  | 82   | 634902   | 53.573  | ng    | # 66     |
| 50) Dimethylphthalate         | 9.710  | 163  | 37881    | 2.684   | ng    | # 1      |
| 51) 2,6-Dinitrotoluene        | 9.704  | 165  | 25624    | 8.680   | ng    | # 16     |
| 57) 2,4-Dinitrotoluene        | 9.704  | 165  | 25624    | 6.792   | ng    | # 16     |
| 67) 4-Bromophenyl-phenylether | 10.492 | 248  | 18241    | 4.627   | ng    | # 1      |
| 77) Benzidine                 | 12.774 | 184  | 18563    | 3.395   | ng    | # 93     |
| -----                         |        |      |          |         |       |          |

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

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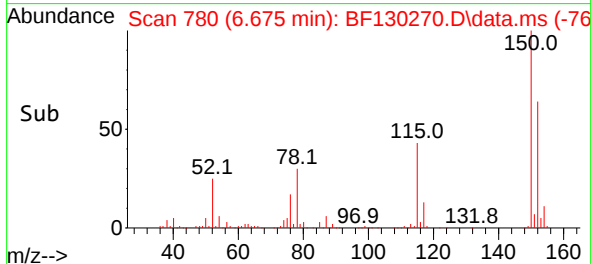
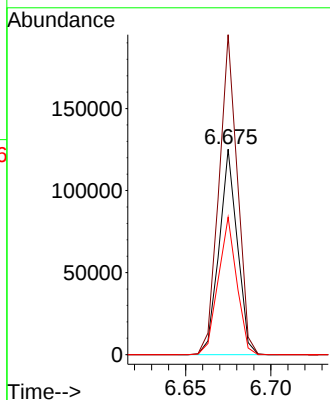
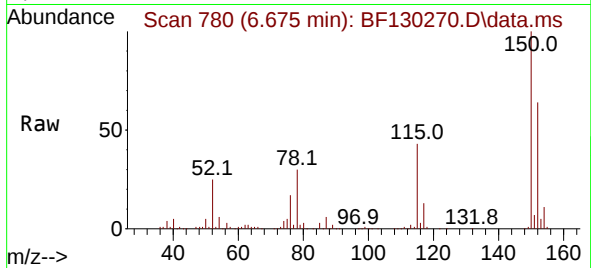




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.675 min Scan# 74  
Delta R.T. -0.006 min  
Lab File: BF130270.D  
Acq: 15 Sep 2022 14:34

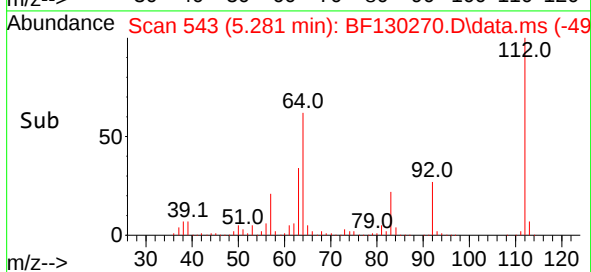
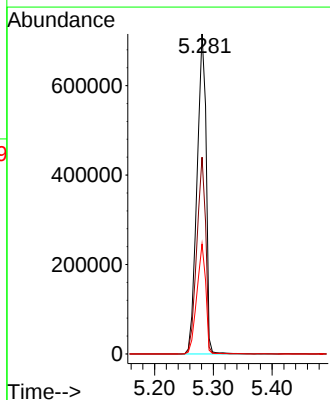
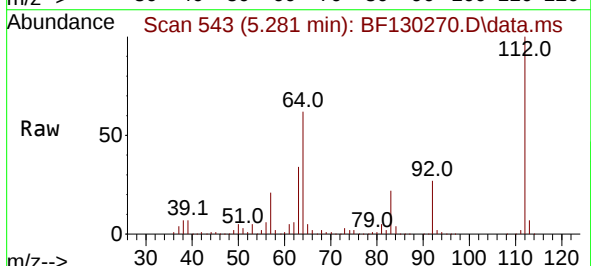
Instrument :  
BNA\_F  
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SASP2-T-6-(18-23)

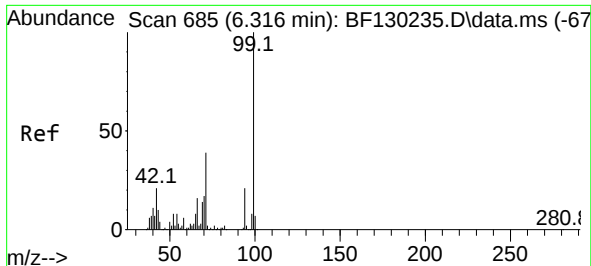
Tgt Ion:152 Resp: 93432  
Ion Ratio Lower Upper  
152 100  
150 155.7 122.8 184.2  
115 66.9 53.8 80.8



#5  
2-Fluorophenol  
Concen: 143.755 ng  
RT: 5.281 min Scan# 543  
Delta R.T. 0.006 min  
Lab File: BF130270.D  
Acq: 15 Sep 2022 14:34

Tgt Ion:112 Resp: 774380  
Ion Ratio Lower Upper  
112 100  
64 61.5 51.4 77.0  
63 34.3 28.8 43.2

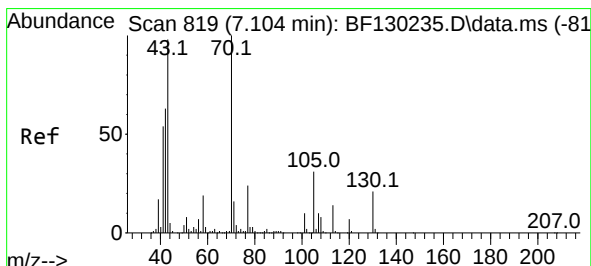
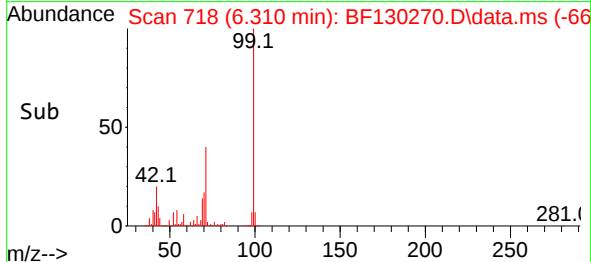
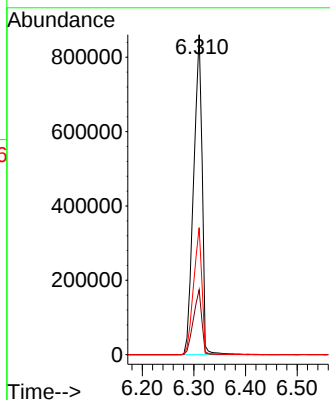
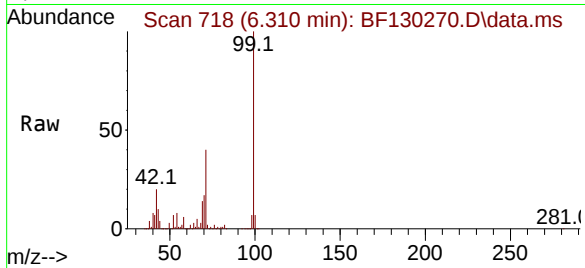




#7  
Phenol-d6  
Concen: 146.280 ng  
RT: 6.310 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BF130270.D  
Acq: 15 Sep 2022 14:34

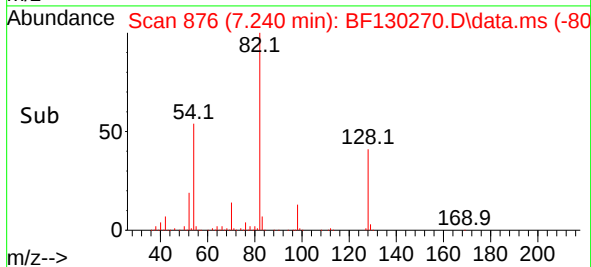
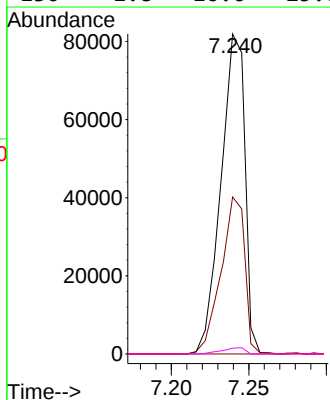
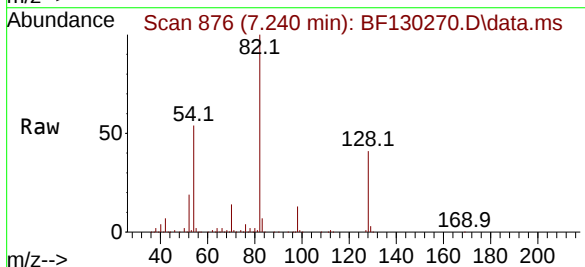
Instrument :  
BNA\_F  
ClientSampleId :  
SASP2-T-6-(18-23)

Tgt Ion: 99 Resp: 985947  
Ion Ratio Lower Upper  
99 100  
42 20.3 17.0 25.6  
71 39.7 32.3 48.5



#19  
n-Nitroso-di-n-propylamine  
Concen: 19.319 ng  
RT: 7.240 min Scan# 876  
Delta R.T. 0.135 min  
Lab File: BF130270.D  
Acq: 15 Sep 2022 14:34

Tgt Ion: 70 Resp: 87864  
Ion Ratio Lower Upper  
70 100  
42 49.0 50.8 76.2#  
101 0.0 8.2 12.4#  
130 1.8 16.6 25.0#

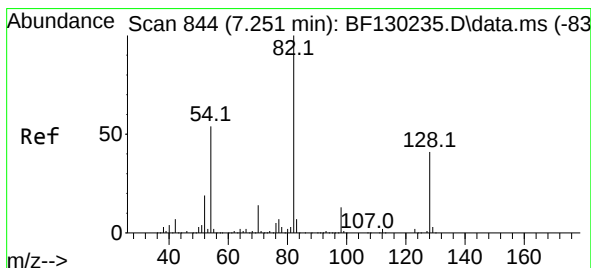
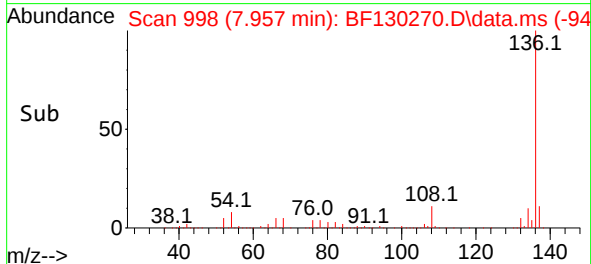
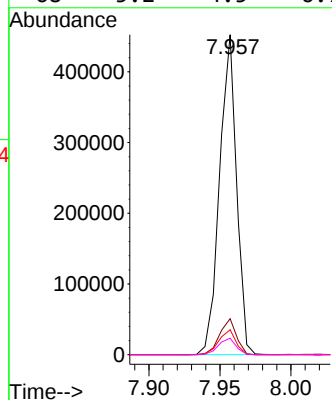
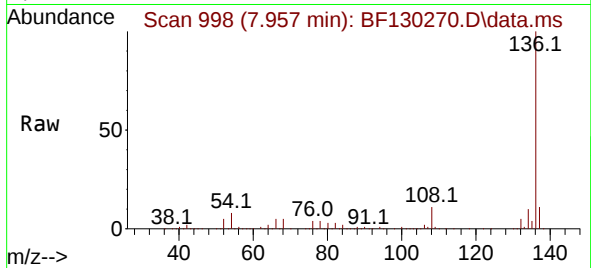




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 7.957 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: BF130270.D  
Acq: 15 Sep 2022 14:34

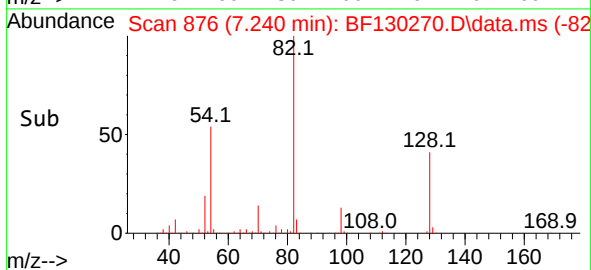
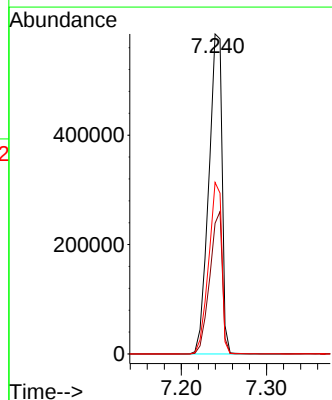
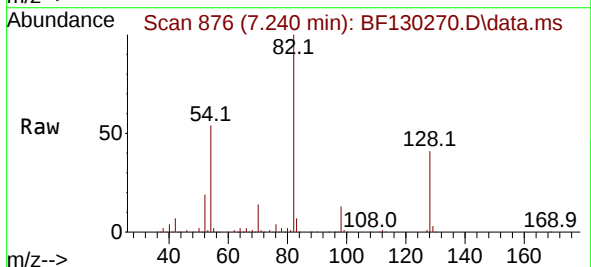
Instrument :  
BNA\_F  
ClientSampleId :  
SASP2-T-6-(18-23)

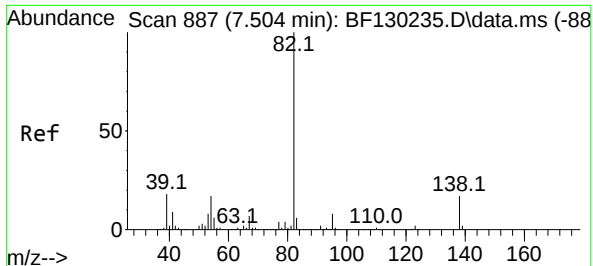
Tgt Ion:136 Resp: 375650  
Ion Ratio Lower Upper  
136 100  
137 11.2 9.1 13.7  
54 7.8 7.1 10.7  
68 5.2 4.5 6.7



#23  
Nitrobenzene-d5  
Concen: 86.537 ng  
RT: 7.240 min Scan# 876  
Delta R.T. -0.012 min  
Lab File: BF130270.D  
Acq: 15 Sep 2022 14:34

Tgt Ion: 82 Resp: 636300  
Ion Ratio Lower Upper  
82 100  
128 40.8 32.6 49.0  
54 53.6 43.8 65.6

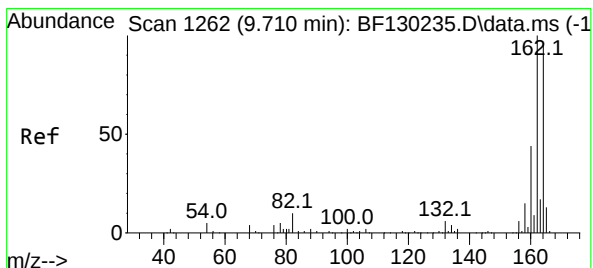
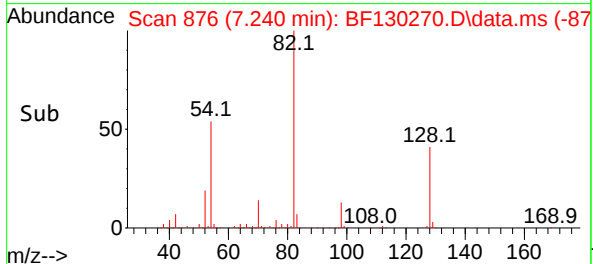
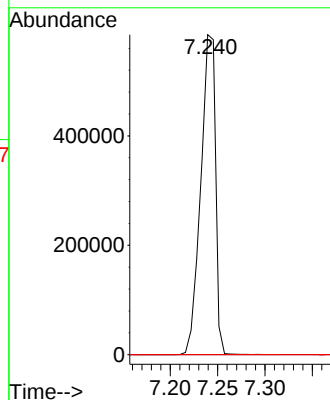
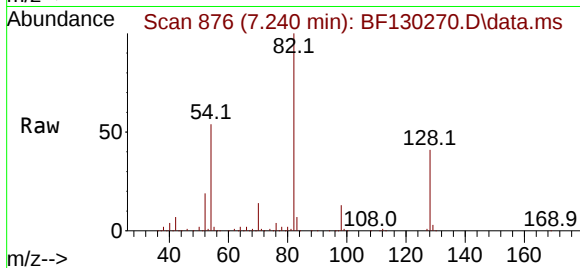




#25  
Isophorone  
Concen: 53.573 ng  
RT: 7.240 min Scan# 81  
Delta R.T. -0.265 min  
Lab File: BF130270.D  
Acq: 15 Sep 2022 14:34

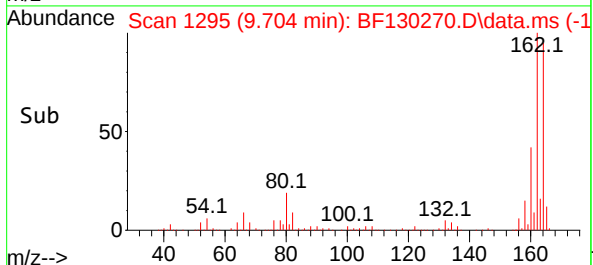
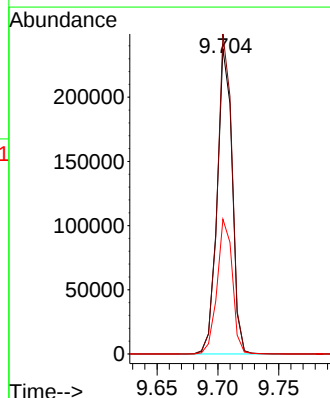
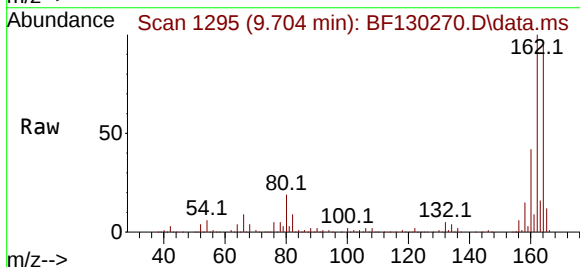
Instrument :  
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ClientSampleId :  
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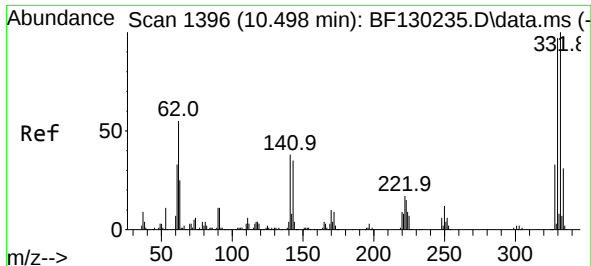
Tgt Ion: 82 Resp: 634902  
Ion Ratio Lower Upper  
82 100  
95 0.0 6.4 9.6#  
138 0.0 13.8 20.6#



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.704 min Scan# 1295  
Delta R.T. -0.006 min  
Lab File: BF130270.D  
Acq: 15 Sep 2022 14:34

Tgt Ion:164 Resp: 204340  
Ion Ratio Lower Upper  
164 100  
162 104.8 81.4 122.0  
160 44.1 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 152.030 ng

RT: 10.492 min Scan# 1429

Delta R.T. -0.006 min

Lab File: BF130270.D

Acq: 15 Sep 2022 14:34

Instrument :

BNA\_F

ClientSampleId :

SASP2-T-6-(18-23)

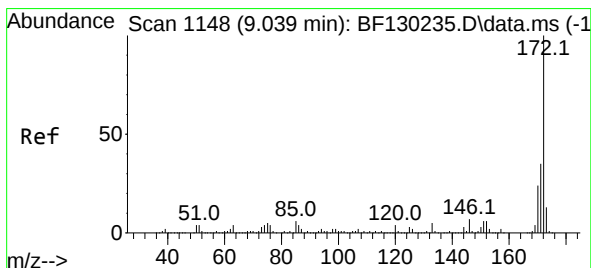
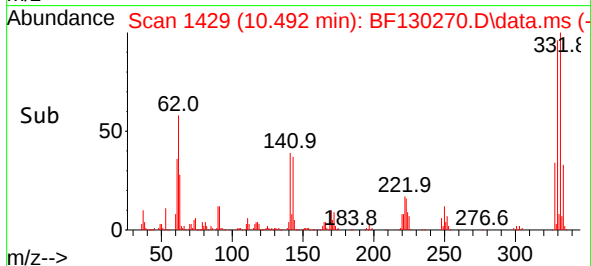
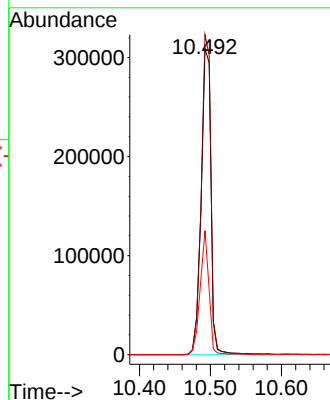
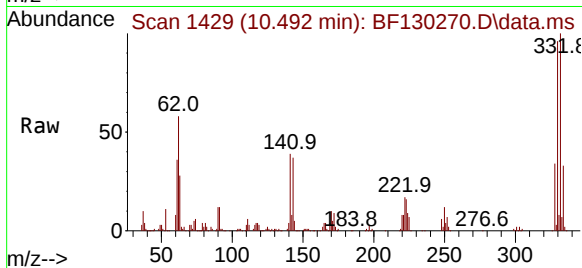
Tgt Ion:330 Resp: 297669

Ion Ratio Lower Upper

330 100

332 103.3 83.4 125.2

141 36.5 34.0 51.0



#45

2-Fluorobiphenyl

Concen: 83.244 ng

RT: 9.039 min Scan# 1182

Delta R.T. 0.000 min

Lab File: BF130270.D

Acq: 15 Sep 2022 14:34

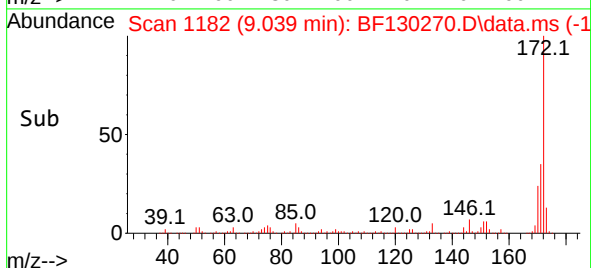
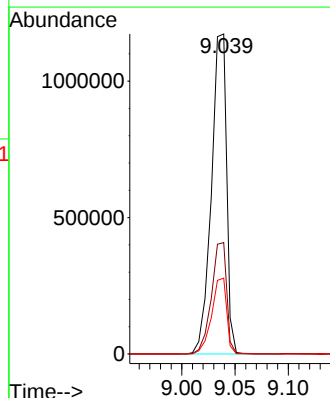
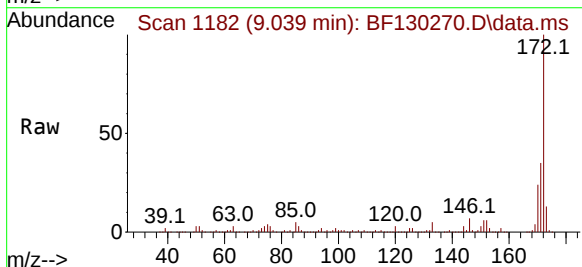
Tgt Ion:172 Resp: 1168127

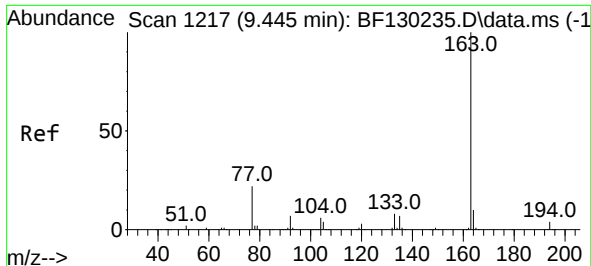
Ion Ratio Lower Upper

172 100

171 34.8 28.3 42.5

170 23.7 18.7 28.1

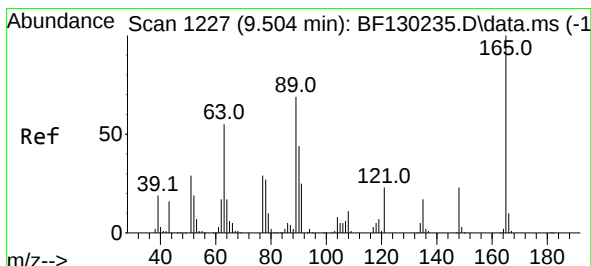
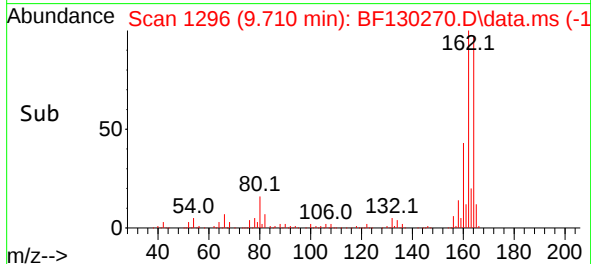
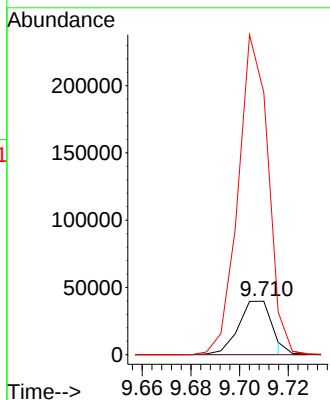
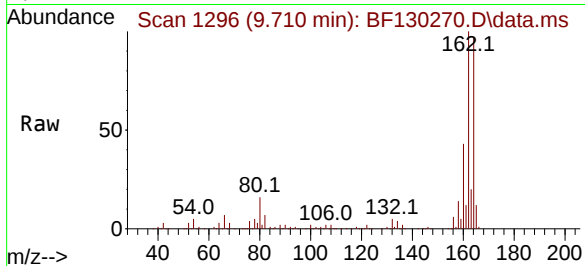




#50  
Dimethylphthalate  
Concen: 2.684 ng  
RT: 9.710 min Scan# 1296  
Delta R.T. 0.265 min  
Lab File: BF130270.D  
Acq: 15 Sep 2022 14:34

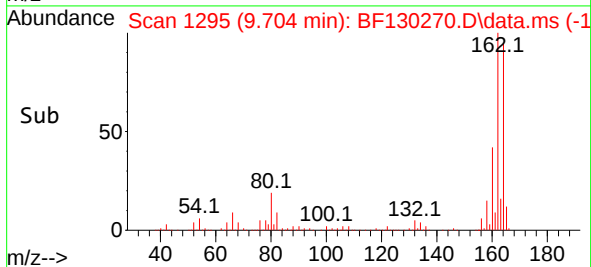
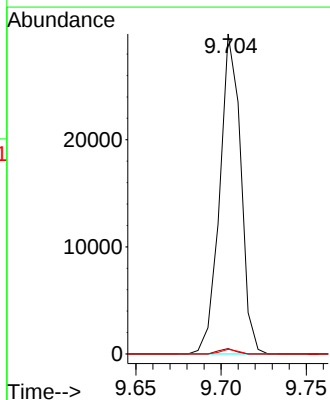
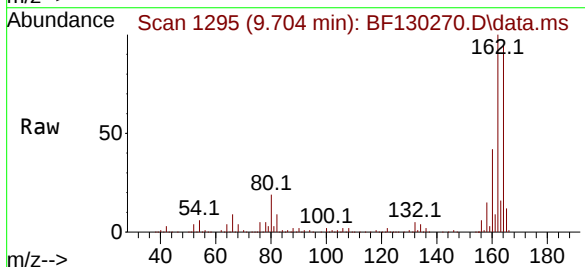
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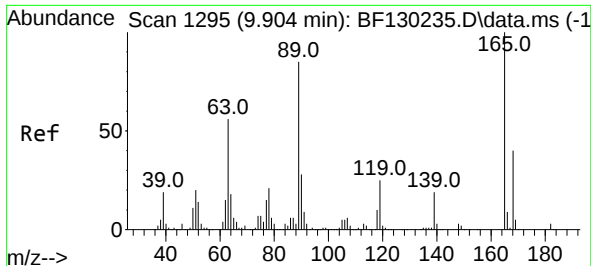
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Ion Ratio Lower Upper  
163 100  
194 0.0 2.8 4.2#  
164 491.2 8.2 12.2#



#51  
2,6-Dinitrotoluene  
Concen: 8.680 ng  
RT: 9.704 min Scan# 1295  
Delta R.T. 0.200 min  
Lab File: BF130270.D  
Acq: 15 Sep 2022 14:34

Tgt Ion:165 Resp: 25624  
Ion Ratio Lower Upper  
165 100  
63 1.7 58.8 88.2#  
89 1.5 54.5 81.7#

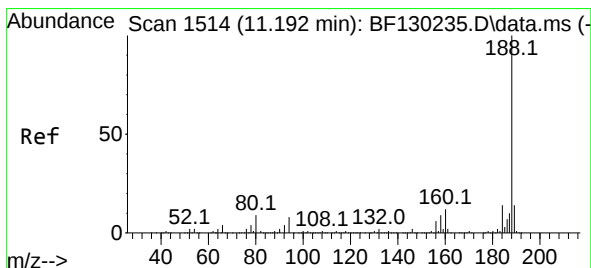
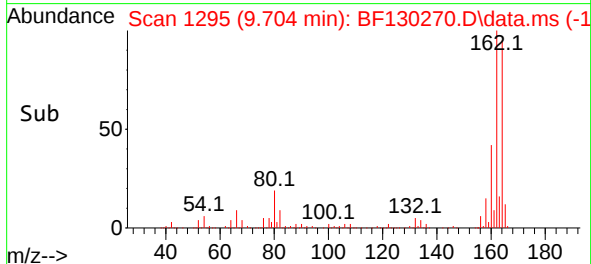
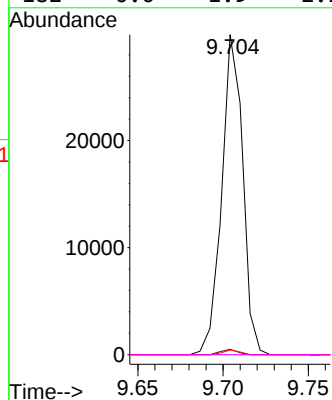
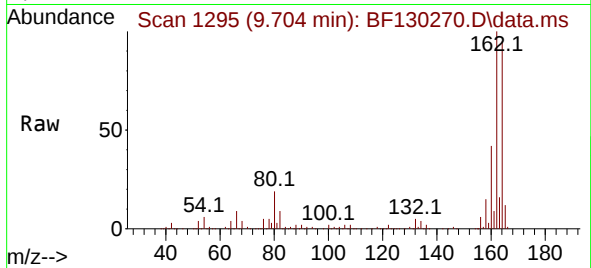




#57  
2,4-Dinitrotoluene  
Concen: 6.792 ng  
RT: 9.704 min Scan# 11  
Delta R.T. -0.200 min  
Lab File: BF130270.D  
Acq: 15 Sep 2022 14:34

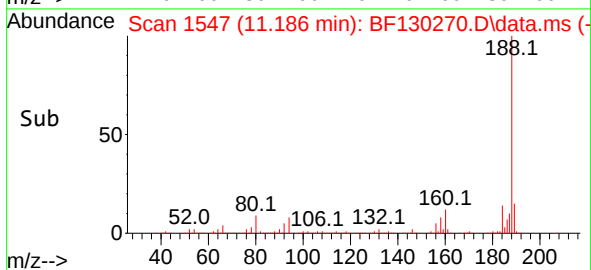
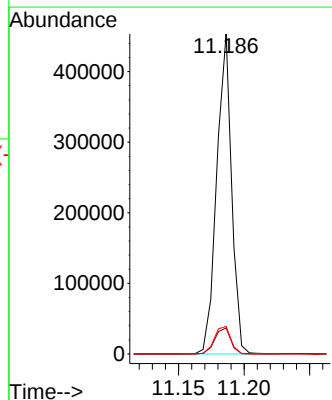
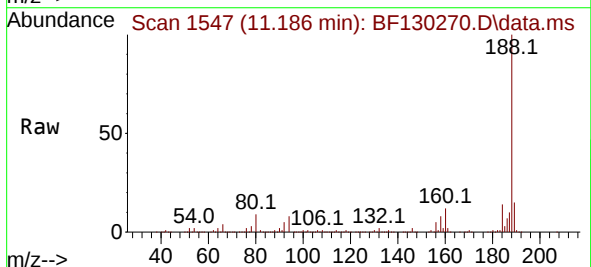
Instrument :  
BNA\_F  
ClientSampleId :  
SASP2-T-6-(18-23)

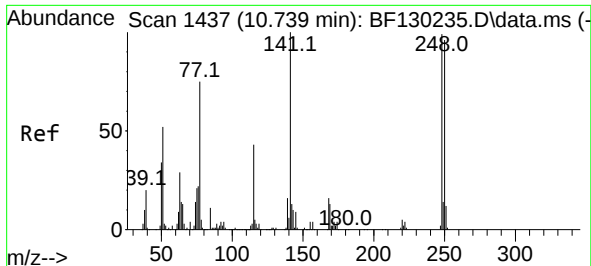
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89 1.5 69.0 103.4#  
182 0.0 1.9 2.9#



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.186 min Scan# 1547  
Delta R.T. -0.006 min  
Lab File: BF130270.D  
Acq: 15 Sep 2022 14:34

Tgt Ion:188 Resp: 357362  
Ion Ratio Lower Upper  
188 100  
94 8.2 7.4 11.2  
80 8.6 7.9 11.9

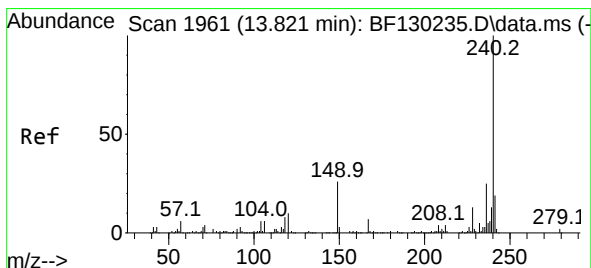
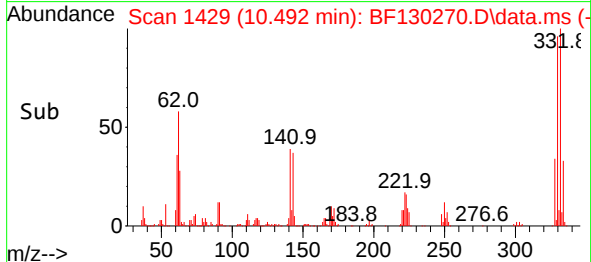
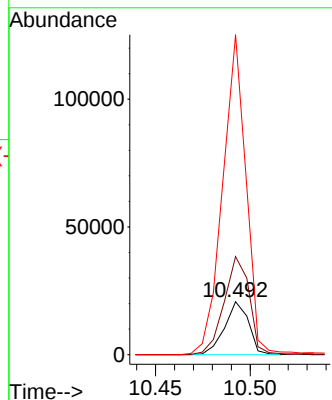
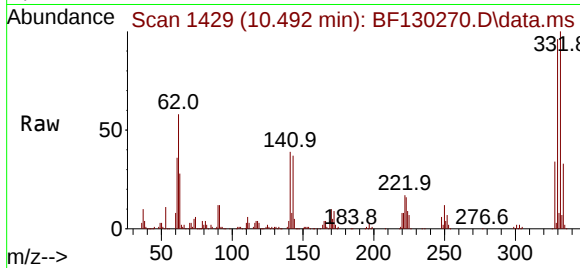




#67  
4-Bromophenyl-phenylether  
Concen: 4.627 ng  
RT: 10.492 min Scan# 1429  
Delta R.T. -0.247 min  
Lab File: BF130270.D  
Acq: 15 Sep 2022 14:34

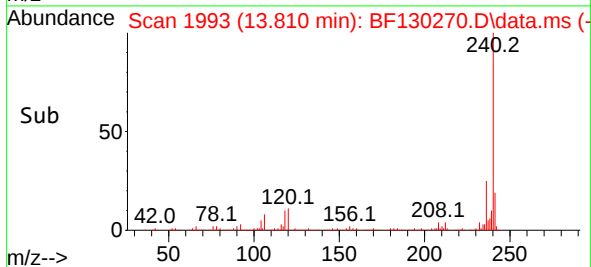
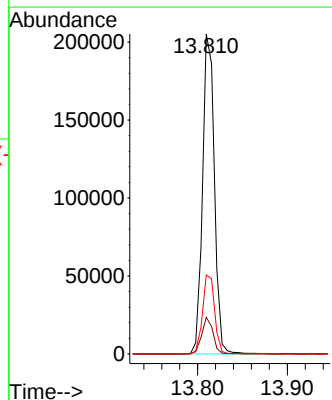
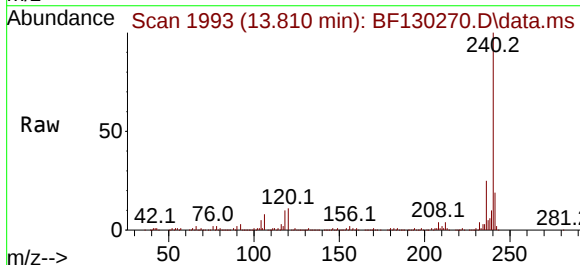
Instrument :  
BNA\_F  
ClientSampleId :  
SASP2-T-6-(18-23)

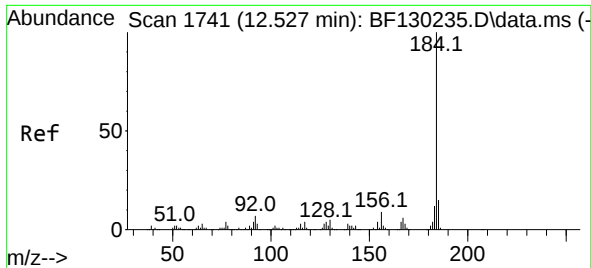
Tgt Ion:248 Resp: 18241  
Ion Ratio Lower Upper  
248 100  
250 185.5 80.0 120.0#  
141 604.9 68.5 102.7#



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.810 min Scan# 1993  
Delta R.T. -0.012 min  
Lab File: BF130270.D  
Acq: 15 Sep 2022 14:34

Tgt Ion:240 Resp: 188359  
Ion Ratio Lower Upper  
240 100  
120 11.4 8.7 13.1  
236 24.7 20.9 31.3

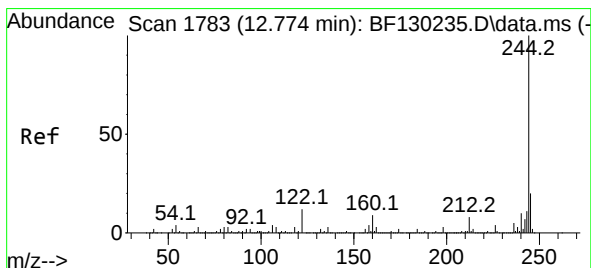
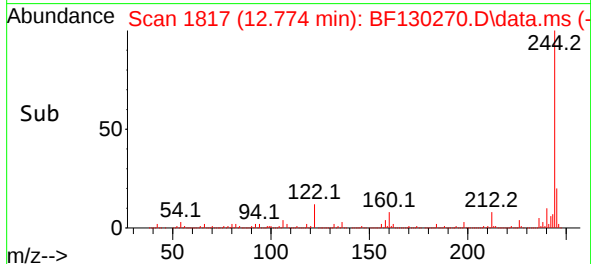
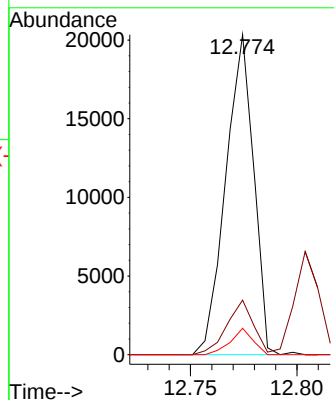
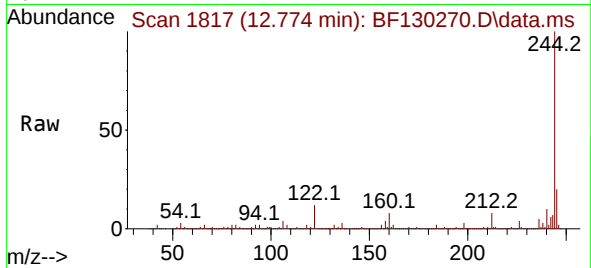




#77  
Benzidine  
Concen: 3.395 ng  
RT: 12.774 min Scan# 1817  
Delta R.T. 0.247 min  
Lab File: BF130270.D  
Acq: 15 Sep 2022 14:34

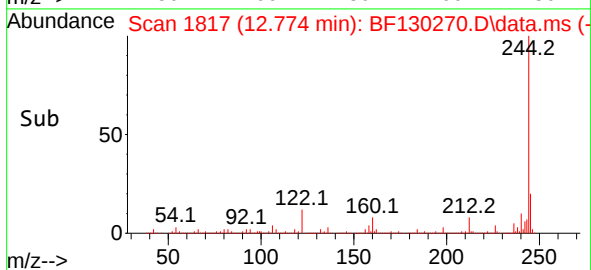
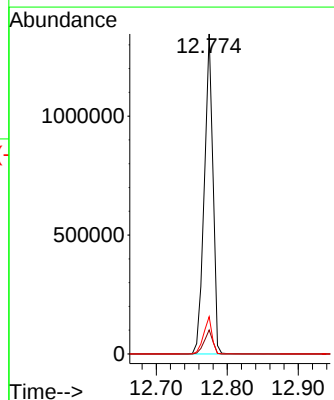
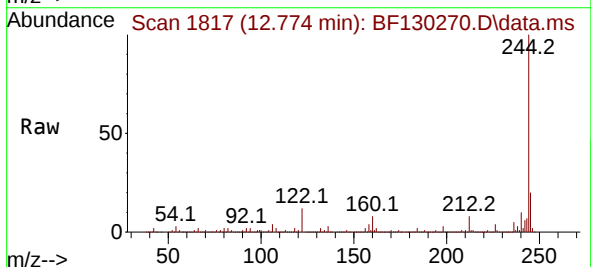
Instrument :  
BNA\_F  
ClientSampleId :  
SASP2-T-6-(18-23)

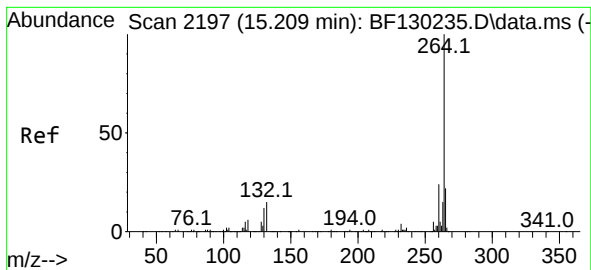
Tgt Ion:184 Resp: 18563  
Ion Ratio Lower Upper  
184 100  
185 17.1 11.8 17.6  
183 8.2 9.1 13.7#



#79  
Terphenyl-d14  
Concen: 100.309 ng  
RT: 12.774 min Scan# 1817  
Delta R.T. 0.000 min  
Lab File: BF130270.D  
Acq: 15 Sep 2022 14:34

Tgt Ion:244 Resp: 1140610  
Ion Ratio Lower Upper  
244 100  
212 7.5 5.9 8.9  
122 11.7 8.5 12.7





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.204 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF130270.D

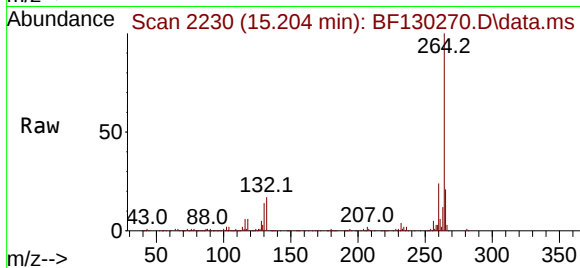
Acq: 15 Sep 2022 14:34

Instrument :

BNA\_F

ClientSampleId :

SASP2-T-6-(18-23)



Tgt Ion:264 Resp: 151518

Ion Ratio Lower Upper

264 100

260 23.6 19.3 28.9

265 21.5 17.0 25.4

