

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF083021\  
 Data File : BF125270.D  
 Acq On : 30 Aug 2021 19:21  
 Operator : JU/CG  
 Sample : M3561-06  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 VE4-11

Quant Time: Aug 31 05:28:38 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF081821.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Aug 24 12:39:21 2021  
 Response via : Initial Calibration

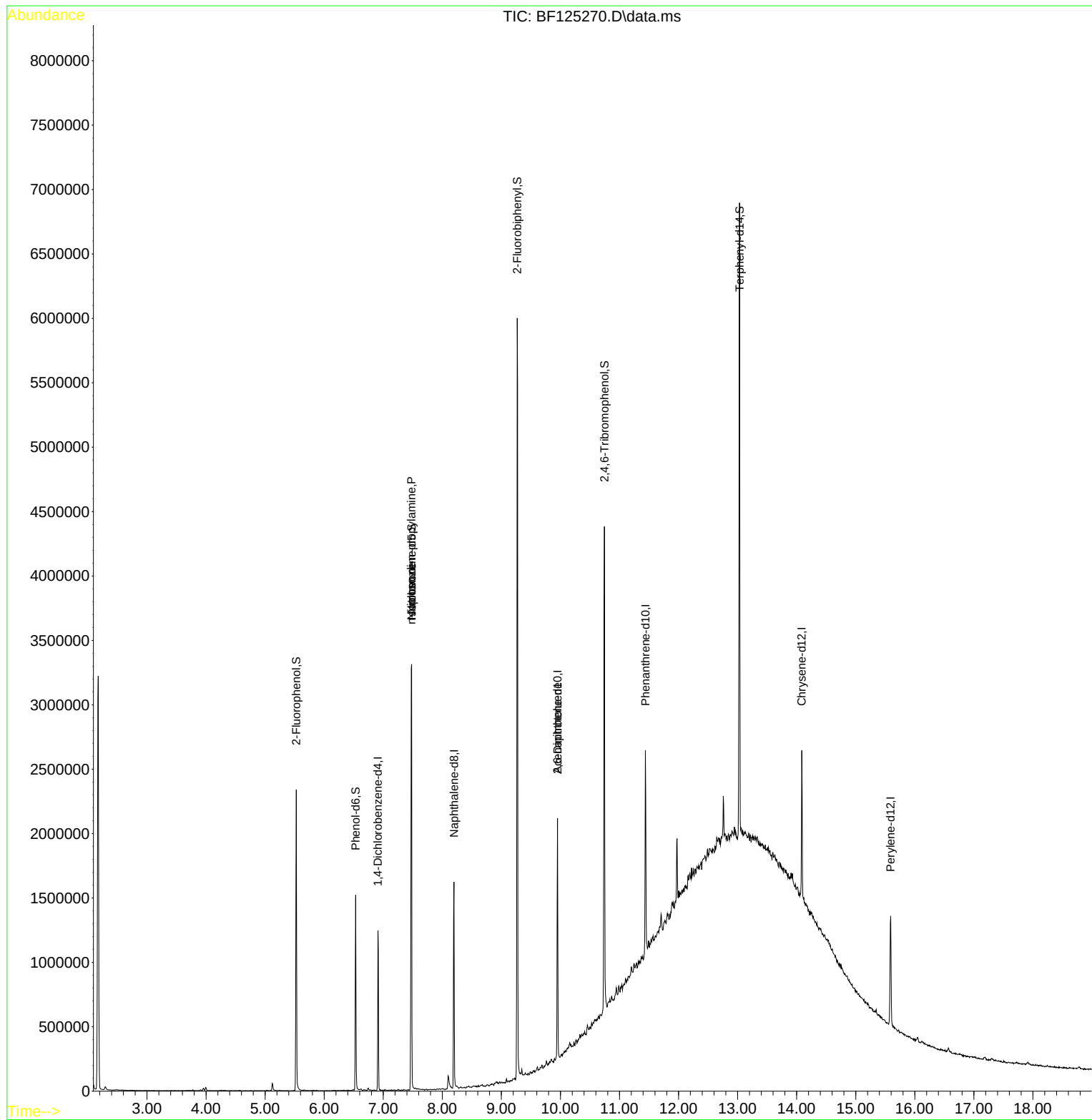
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.910  | 152  | 179522   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.198  | 136  | 709837   | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 9.951  | 164  | 377875   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.439 | 188  | 603599   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 14.086 | 240  | 411603   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 15.592 | 264  | 411342   | 20.000  | ng    | 0.02     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.528  | 112  | 574846   | 48.467  | ng    | 0.00     |
| 7) Phenol-d6                  | 6.534  | 99   | 449885   | 29.328  | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.481  | 82   | 1137604  | 80.683  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.745 | 330  | 523874   | 138.884 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.269  | 172  | 1984475  | 73.194  | ng    | 0.00     |
| 79) Terphenyl-d14             | 13.033 | 244  | 1861653  | 72.054  | ng    | 0.01     |
| Target Compounds              |        |      |          |         |       |          |
| 19) n-Nitroso-di-n-propyla... | 7.475  | 70   | 155922   | 16.899  | ng    | # 59     |
| 25) Isophorone                | 7.481  | 82   | 1137591  | 41.823  | ng    | # 59     |
| 51) 2,6-Dinitrotoluene        | 9.951  | 165  | 48778    | 8.590   | ng    | # 28     |

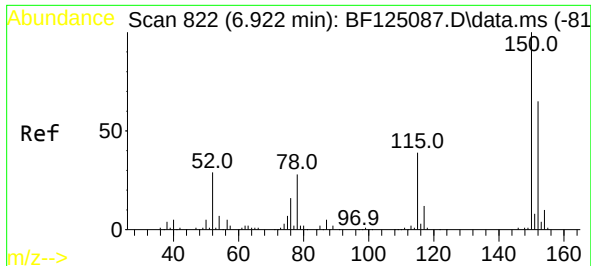
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF083021\  
Data File : BF125270.D  
Acq On : 30 Aug 2021 19:21  
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Sample : M3561-06  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
VE4-11

Quant Time: Aug 31 05:28:38 2021  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF081821.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Aug 24 12:39:21 2021  
Response via : Initial Calibration

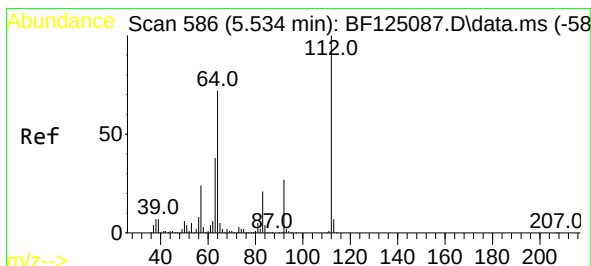
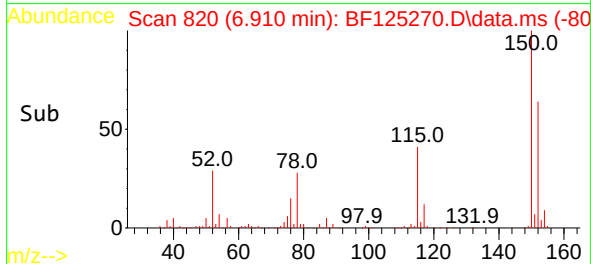
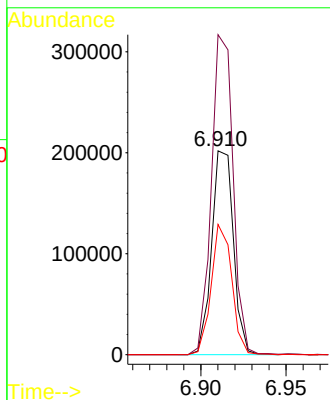
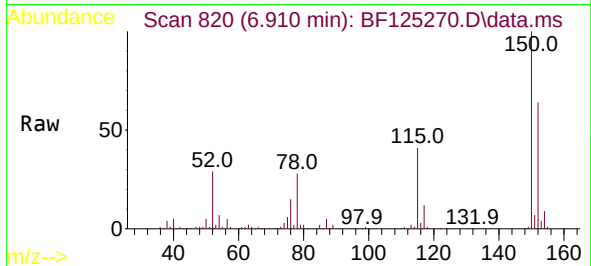




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.910 min Scan# 820  
Delta R.T. -0.006 min  
Lab File: BF125270.D  
Acq: 30 Aug 2021 19:21

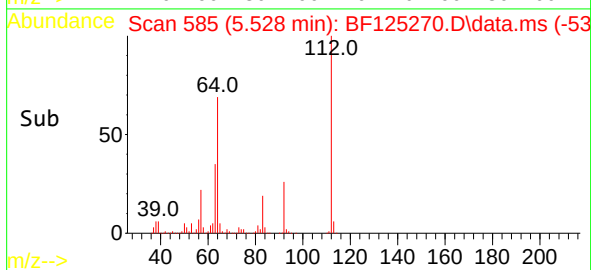
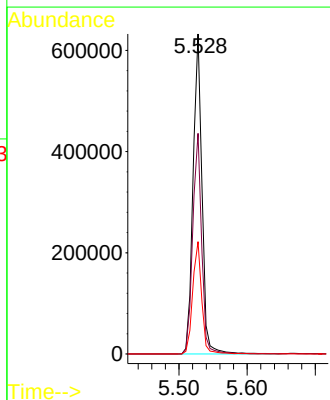
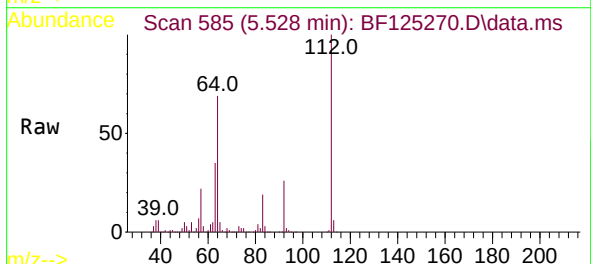
Instrument :  
BNA\_F  
ClientSampleId :  
VE4-11

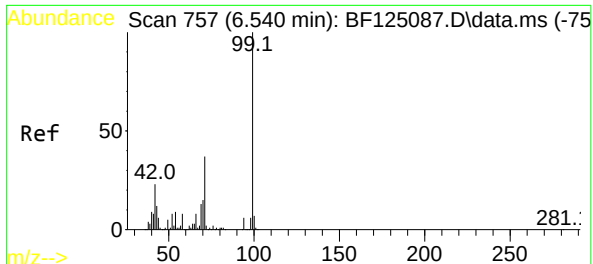
Tgt Ion:152 Resp: 179522  
Ion Ratio Lower Upper  
152 100  
150 157.0 117.6 176.4  
115 63.9 47.1 70.7



#5  
2-Fluorophenol  
Concen: 48.467 ng  
RT: 5.528 min Scan# 585  
Delta R.T. 0.000 min  
Lab File: BF125270.D  
Acq: 30 Aug 2021 19:21

Tgt Ion:112 Resp: 574846  
Ion Ratio Lower Upper  
112 100  
64 69.0 44.2 66.2#  
63 35.1 26.2 39.2

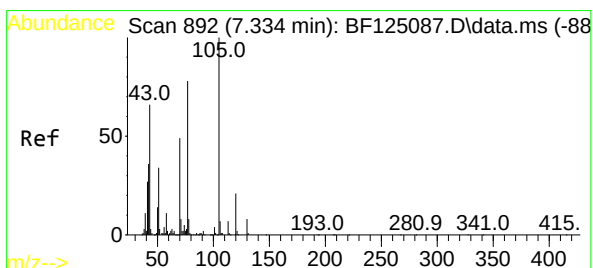
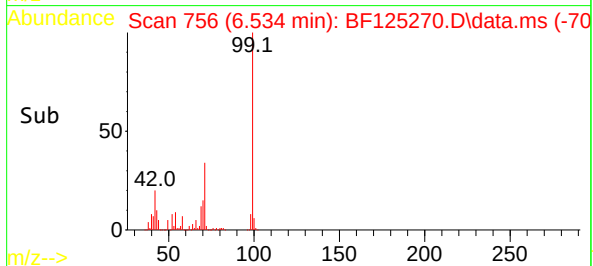
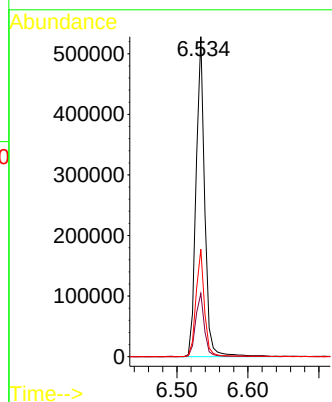
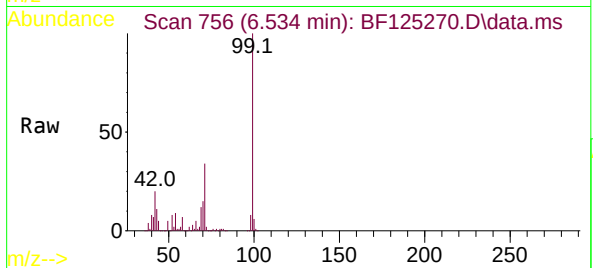




#7  
Phenol-d6  
Concen: 29.328 ng  
RT: 6.534 min Scan# 756  
Delta R.T. -0.006 min  
Lab File: BF125270.D  
Acq: 30 Aug 2021 19:21

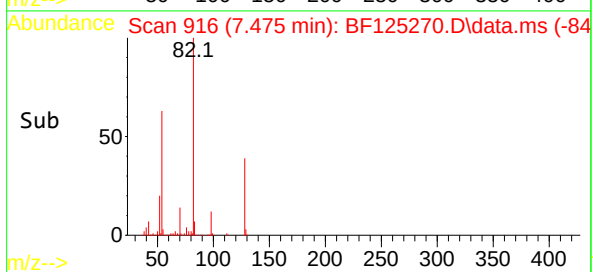
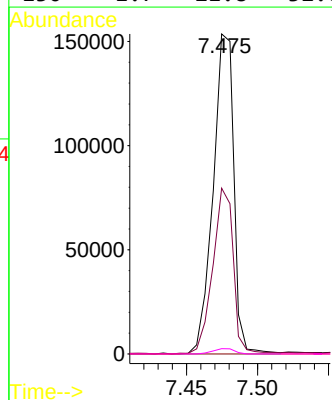
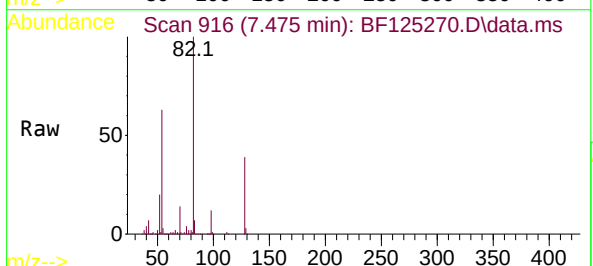
Instrument :  
BNA\_F  
ClientSampleId :  
VE4-11

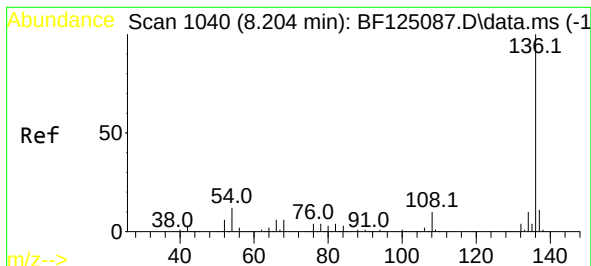
Tgt Ion: 99 Resp: 449885  
Ion Ratio Lower Upper  
99 100  
42 19.8 23.5 35.3#  
71 33.6 25.6 38.4



#19  
n-Nitroso-di-n-propylamine  
Concen: 16.899 ng  
RT: 7.475 min Scan# 916  
Delta R.T. 0.147 min  
Lab File: BF125270.D  
Acq: 30 Aug 2021 19:21

Tgt Ion: 70 Resp: 155922  
Ion Ratio Lower Upper  
70 100  
42 51.8 72.2 108.2#  
101 0.0 7.8 11.8#  
130 1.7 21.8 32.6#

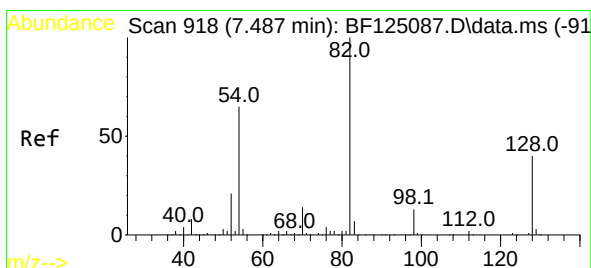
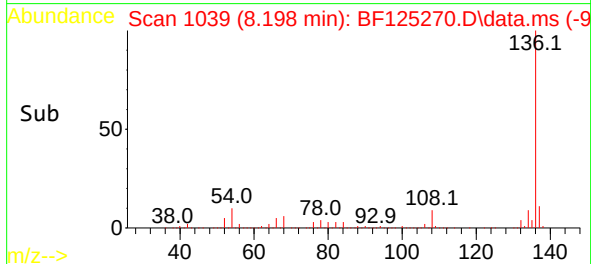
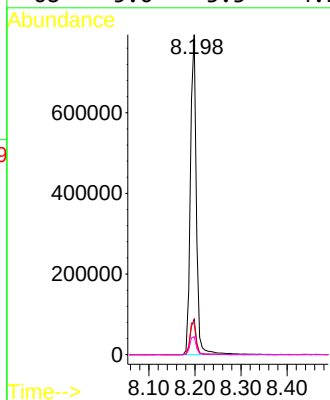
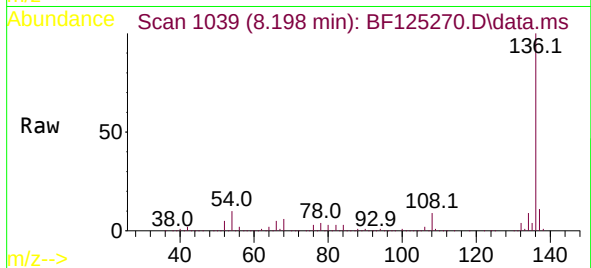




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.198 min Scan# 1039  
Delta R.T. 0.000 min  
Lab File: BF125270.D  
Acq: 30 Aug 2021 19:21

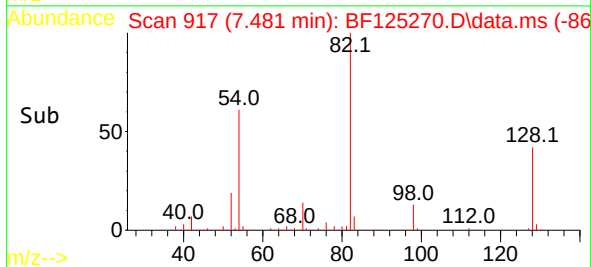
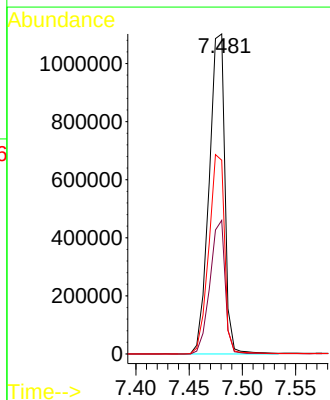
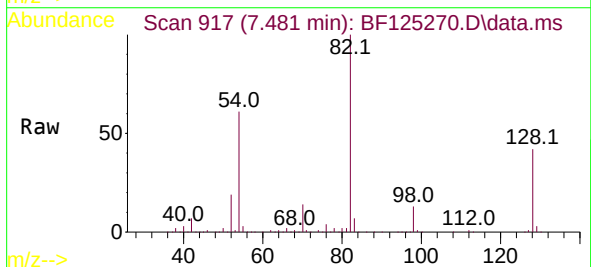
Instrument :  
BNA\_F  
ClientSampleId :  
VE4-11

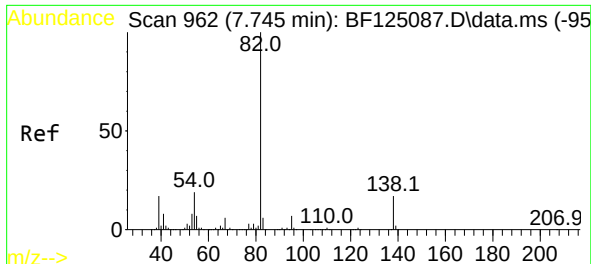
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 709837 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 11.1  | 9.8   | 14.6   |
| 54       | 9.8   | 6.4   | 9.6#   |
| 68       | 5.6   | 3.3   | 4.9#   |



#23  
Nitrobenzene-d5  
Concen: 80.683 ng  
RT: 7.481 min Scan# 917  
Delta R.T. 0.000 min  
Lab File: BF125270.D  
Acq: 30 Aug 2021 19:21

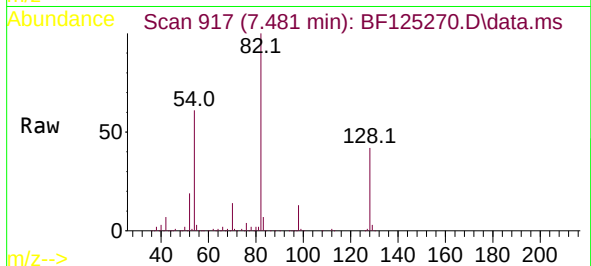
|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 82    | Resp: | 1137604 |
| Ion      | Ratio | Lower | Upper   |
| 82       | 100   |       |         |
| 128      | 41.7  | 40.6  | 60.8    |
| 54       | 60.6  | 49.6  | 74.4    |



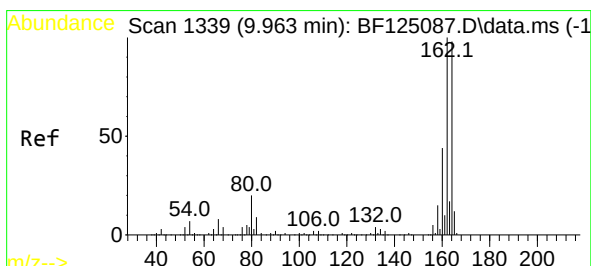
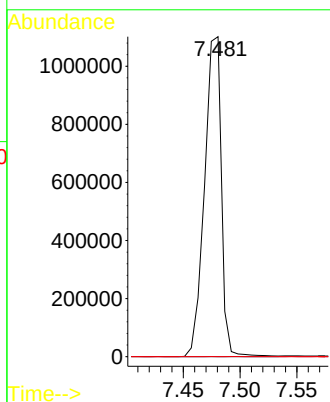
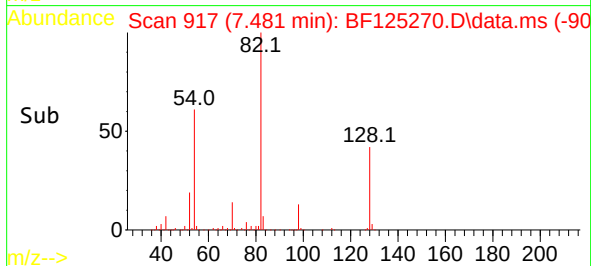


#25  
Isophorone  
Concen: 41.823 ng  
RT: 7.481 min Scan# 917  
Delta R.T. -0.253 min  
Lab File: BF125270.D  
Acq: 30 Aug 2021 19:21

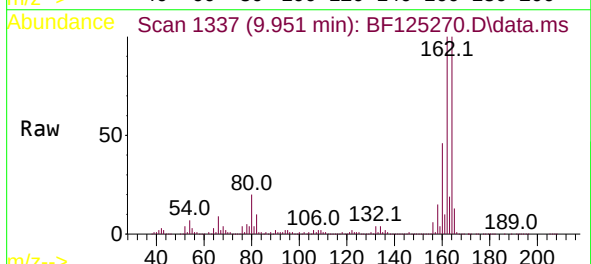
Instrument :  
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ClientSampleId :  
VE4-11



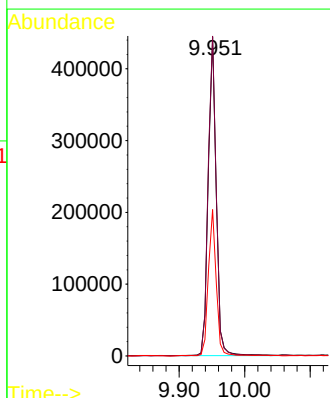
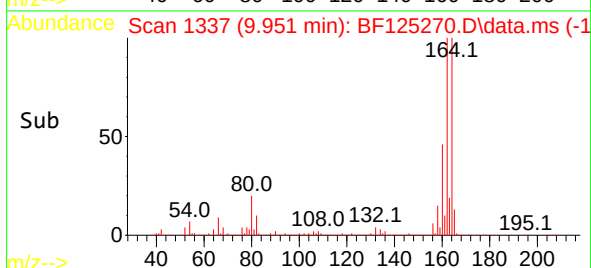
Tgt Ion: 82 Resp: 1137591  
Ion Ratio Lower Upper  
82 100  
95 0.0 6.5 9.7#  
138 0.0 18.4 27.6#

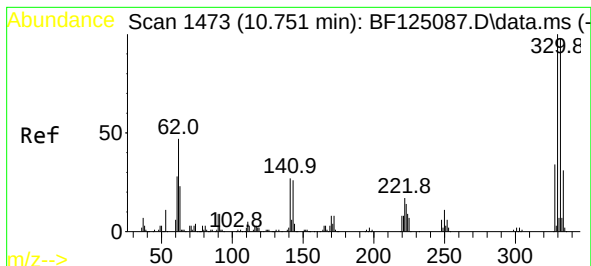


#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.951 min Scan# 1337  
Delta R.T. 0.000 min  
Lab File: BF125270.D  
Acq: 30 Aug 2021 19:21



Tgt Ion: 164 Resp: 377875  
Ion Ratio Lower Upper  
164 100  
162 100.4 81.3 121.9  
160 45.9 38.0 57.0

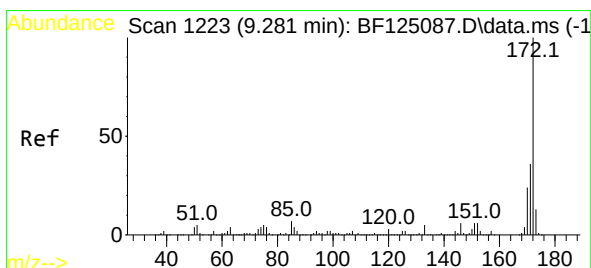
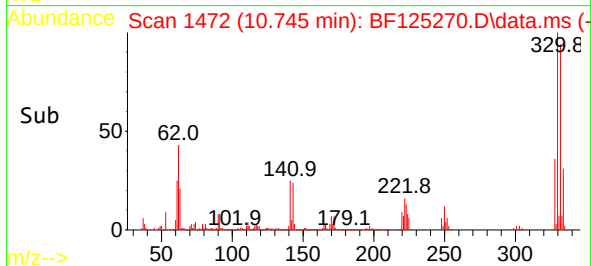
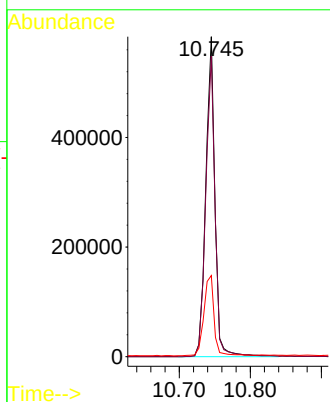
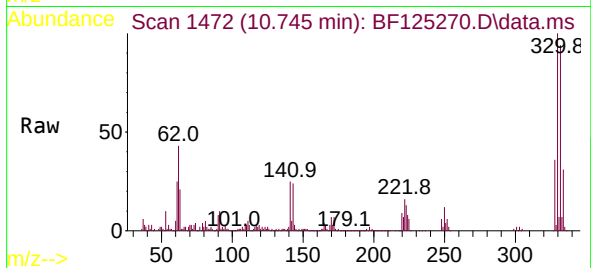




#42  
2,4,6-Tribromophenol  
Concen: 138.884 ng  
RT: 10.745 min Scan# 1472  
Delta R.T. 0.006 min  
Lab File: BF125270.D  
Acq: 30 Aug 2021 19:21

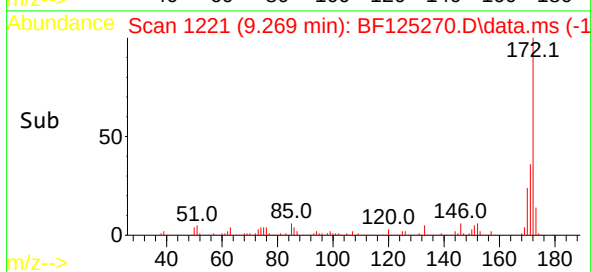
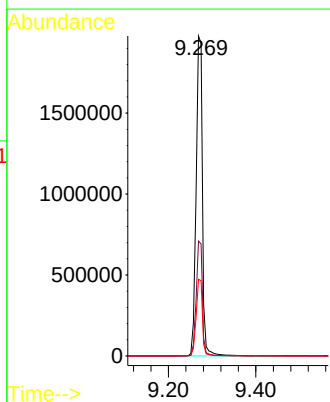
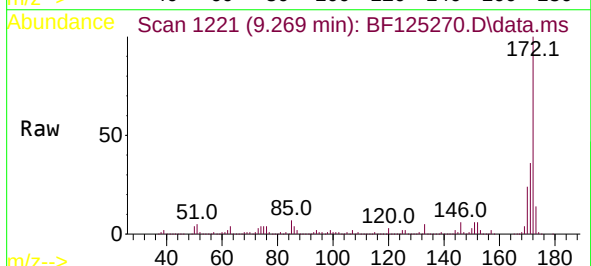
Instrument :  
BNA\_F  
ClientSampleId :  
VE4-11

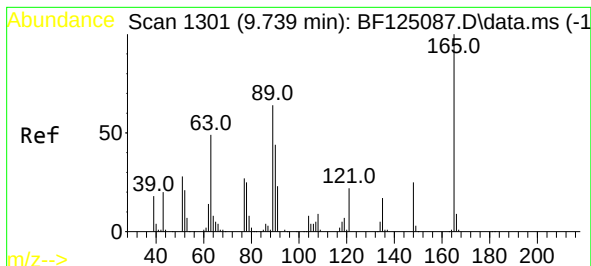
Tgt Ion:330 Resp: 523874  
Ion Ratio Lower Upper  
330 100  
332 96.3 76.2 114.4  
141 28.4 44.6 66.8#



#45  
2-Fluorobiphenyl  
Concen: 73.194 ng  
RT: 9.269 min Scan# 1221  
Delta R.T. -0.006 min  
Lab File: BF125270.D  
Acq: 30 Aug 2021 19:21

Tgt Ion:172 Resp: 1984475  
Ion Ratio Lower Upper  
172 100  
171 35.9 26.5 39.7  
170 23.9 18.8 28.2

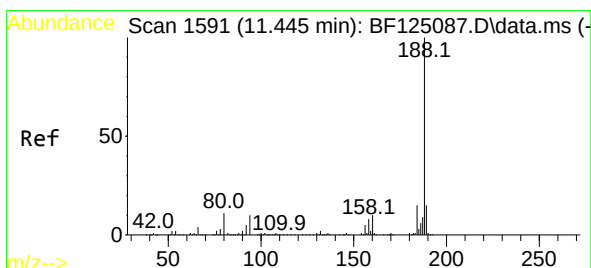
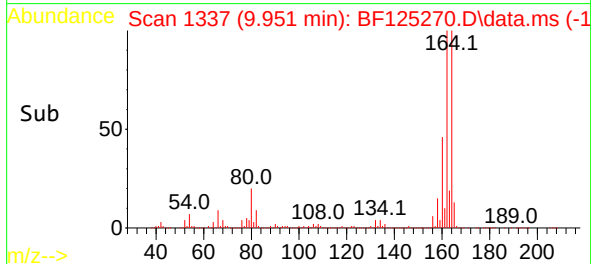
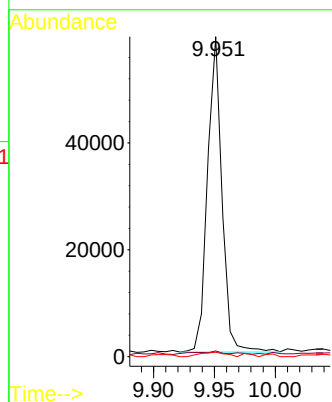
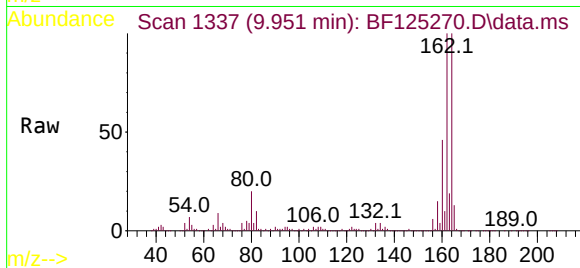




#51  
2,6-Dinitrotoluene  
Concen: 8.590 ng  
RT: 9.951 min Scan# 1337  
Delta R.T. 0.218 min  
Lab File: BF125270.D  
Acq: 30 Aug 2021 19:21

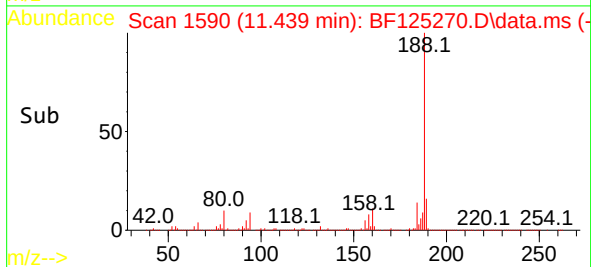
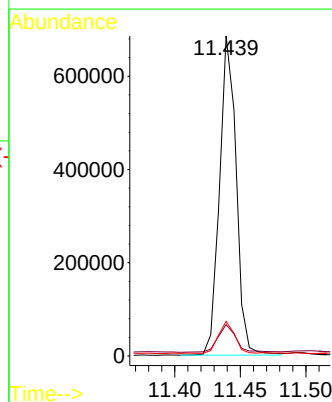
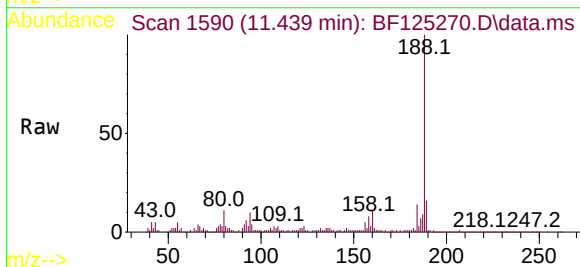
Instrument :  
BNA\_F  
ClientSampleId :  
VE4-11

Tgt Ion:165 Resp: 48778  
Ion Ratio Lower Upper  
165 100  
63 1.8 42.6 63.8#  
89 1.4 40.6 60.8#

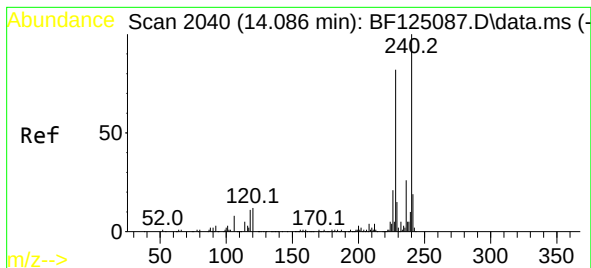


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.439 min Scan# 1590  
Delta R.T. 0.000 min  
Lab File: BF125270.D  
Acq: 30 Aug 2021 19:21

Tgt Ion:188 Resp: 603599  
Ion Ratio Lower Upper  
188 100  
94 9.8 6.7 10.1  
80 10.8 7.5 11.3



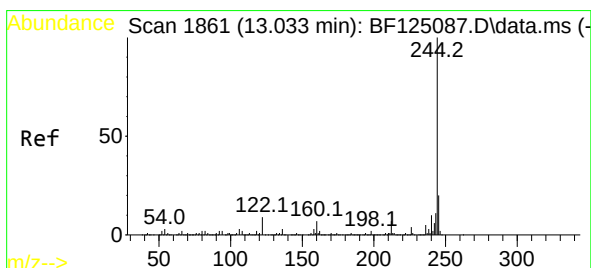
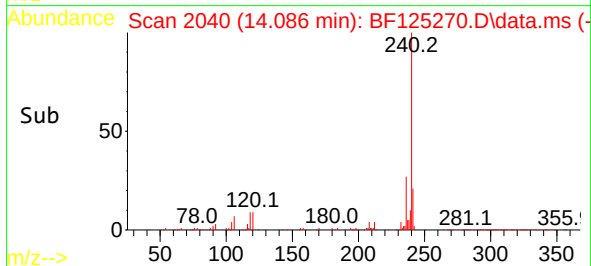
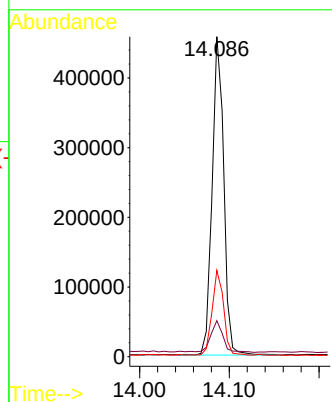
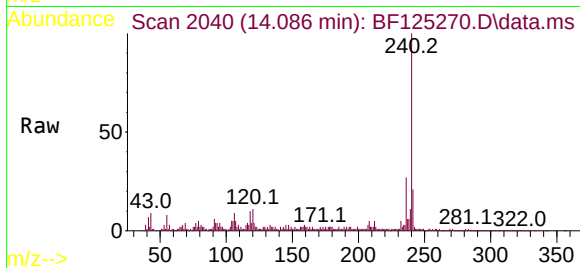




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.086 min Scan# 2040  
Delta R.T. 0.006 min  
Lab File: BF125270.D  
Acq: 30 Aug 2021 19:21

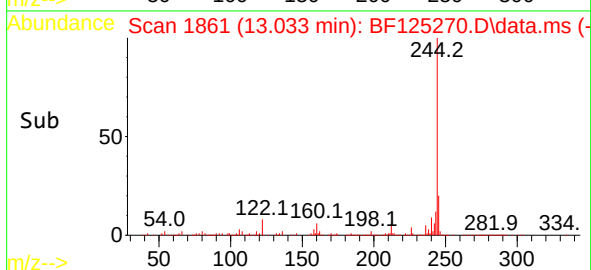
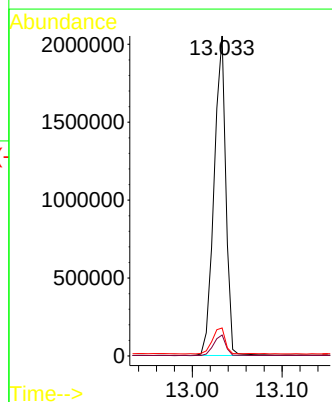
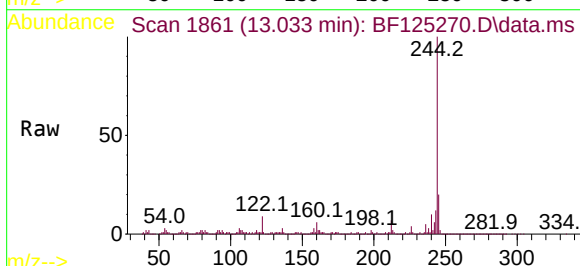
Instrument :  
BNA\_F  
ClientSampleId :  
VE4-11

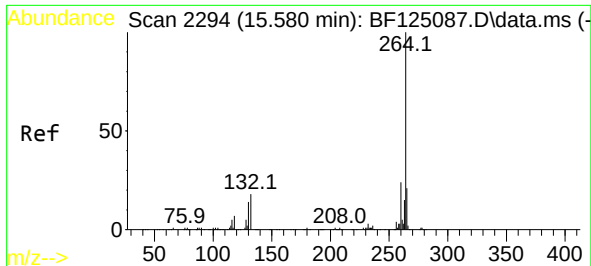
Tgt Ion:240 Resp: 411603  
Ion Ratio Lower Upper  
240 100  
120 11.2 10.8 16.2  
236 27.0 21.6 32.4



#79  
Terphenyl-d14  
Concen: 72.054 ng  
RT: 13.033 min Scan# 1861  
Delta R.T. 0.012 min  
Lab File: BF125270.D  
Acq: 30 Aug 2021 19:21

Tgt Ion:244 Resp: 1861653  
Ion Ratio Lower Upper  
244 100  
212 6.6 5.9 8.9  
122 8.7 9.0 13.4#





#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.592 min Scan# 2296  
 Delta R.T. 0.018 min  
 Lab File: BF125270.D  
 Acq: 30 Aug 2021 19:21

Instrument :  
 BNA\_F  
 ClientSampleId :  
 VE4-11

Tgt Ion:264 Resp: 411342  
 Ion Ratio Lower Upper  
 264 100  
 260 25.5 19.6 29.4  
 265 21.9 17.2 25.8

