

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF083021\  
 Data File : BF125267.D  
 Acq On : 30 Aug 2021 17:43  
 Operator : JU/CG  
 Sample : M3561-10  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 VE1-4

Quant Time: Aug 31 05:27:48 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

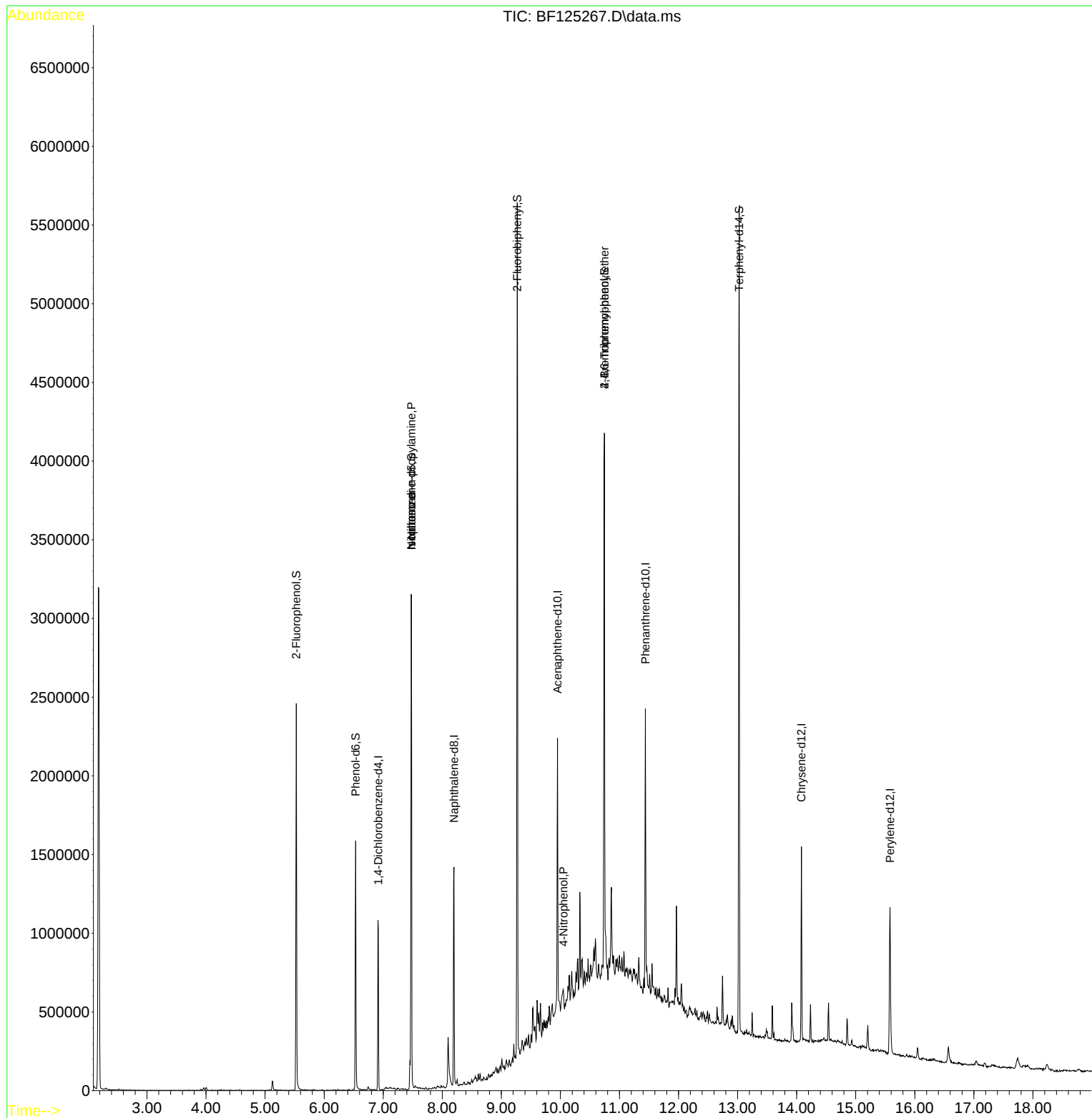
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.916  | 152  | 157423   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.198  | 136  | 619703   | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 9.951  | 164  | 339289   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.439 | 188  | 620023   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 14.080 | 240  | 385998   | 20.000  | ng    | # 0.00   |
| 86) Perylene-d12              | 15.580 | 264  | 434825   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.528  | 112  | 595139   | 57.222  | ng    | 0.00     |
| 7) Phenol-d6                  | 6.534  | 99   | 478214   | 35.552  | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.475  | 82   | 987852   | 80.252  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.745 | 330  | 495478   | 146.294 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.269  | 172  | 1742796  | 71.591  | ng    | 0.00     |
| 79) Terphenyl-d14             | 13.027 | 244  | 1879298  | 77.562  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
| 19) n-Nitroso-di-n-propyla... | 7.475  | 70   | 134471   | 16.620  | ng    | # 58     |
| 25) Isophorone                | 7.475  | 82   | 987836   | 41.600  | ng    | # 59     |
| 56) 4-Nitrophenol             | 10.051 | 139  | 11037    | 2.535   | ng    | # 1      |
| 67) 4-Bromophenyl-phenylether | 10.745 | 248  | 29845    | 4.009   | ng    | # 1      |
| -----                         |        |      |          |         |       |          |

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

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Sample : M3561-10  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
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ClientSampleId :  
VE1-4

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QLast Update : Tue Aug 24 12:39:21 2021  
Response via : Initial Calibration

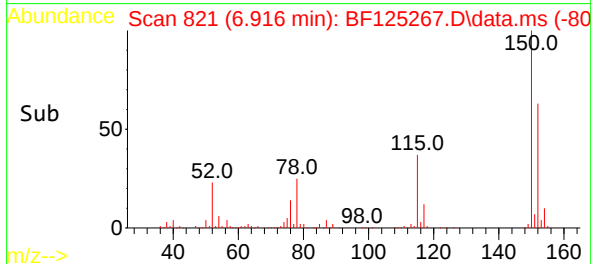
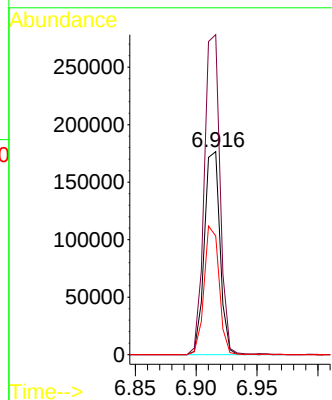
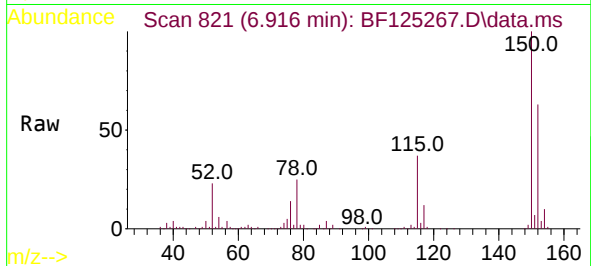




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.916 min Scan# 821  
Delta R.T. 0.000 min  
Lab File: BF125267.D  
Acq: 30 Aug 2021 17:43

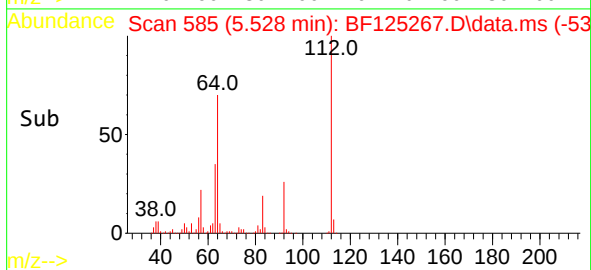
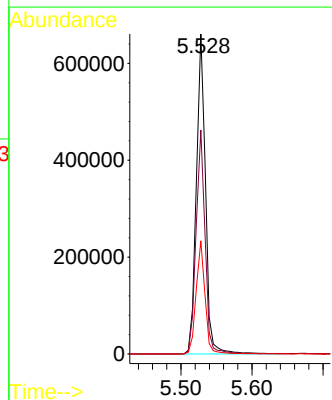
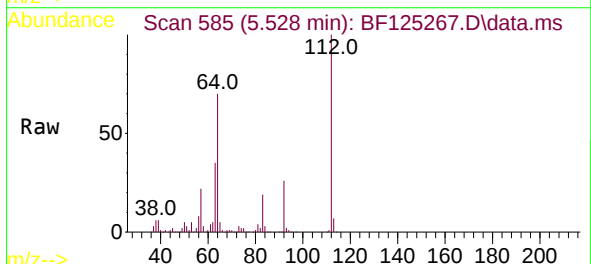
Instrument :  
BNA\_F  
ClientSampled :  
VE1-4

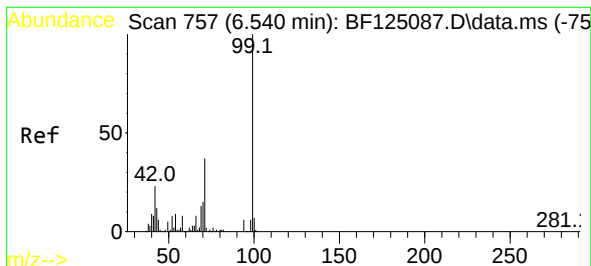
Tgt Ion:152 Resp: 157423  
Ion Ratio Lower Upper  
152 100  
150 157.6 117.6 176.4  
115 58.5 47.1 70.7



#5  
2-Fluorophenol  
Concen: 57.222 ng  
RT: 5.528 min Scan# 585  
Delta R.T. 0.000 min  
Lab File: BF125267.D  
Acq: 30 Aug 2021 17:43

Tgt Ion:112 Resp: 595139  
Ion Ratio Lower Upper  
112 100  
64 70.0 44.2 66.2#  
63 35.3 26.2 39.2





#7

Phenol-d6

Concen: 35.552 ng

RT: 6.534 min Scan# 756

Delta R.T. -0.006 min

Lab File: BF125267.D

Acq: 30 Aug 2021 17:43

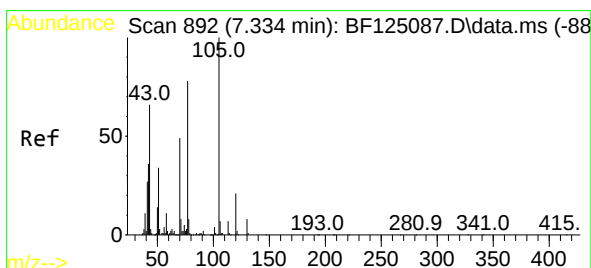
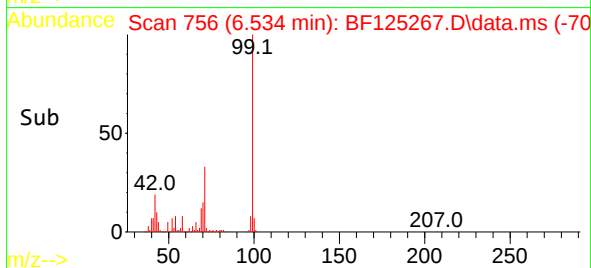
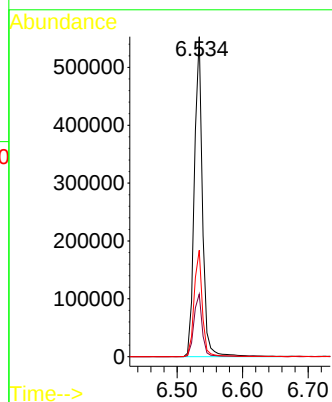
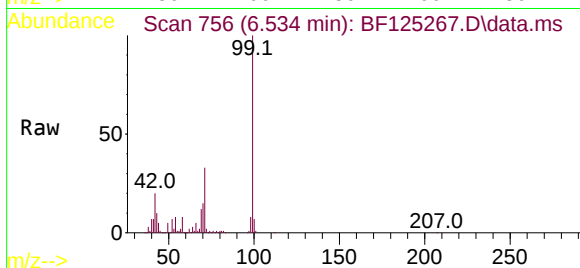
Tgt Ion: 99 Resp: 478214

Ion Ratio Lower Upper

99 100

42 19.5 23.5 35.3#

71 33.3 25.6 38.4



#19

n-Nitroso-di-n-propylamine

Concen: 16.620 ng

RT: 7.475 min Scan# 916

Delta R.T. 0.147 min

Lab File: BF125267.D

Acq: 30 Aug 2021 17:43

Tgt Ion: 70 Resp: 134471

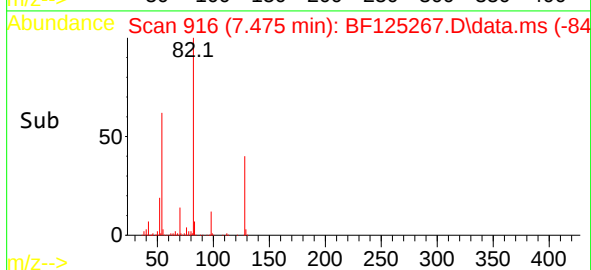
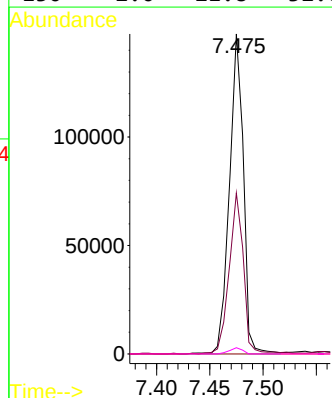
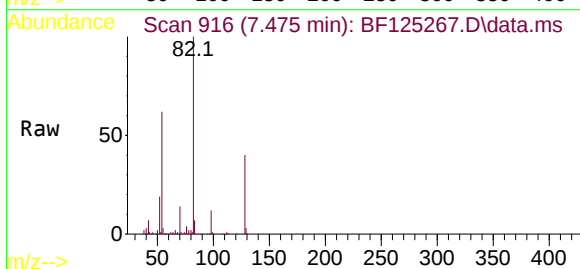
Ion Ratio Lower Upper

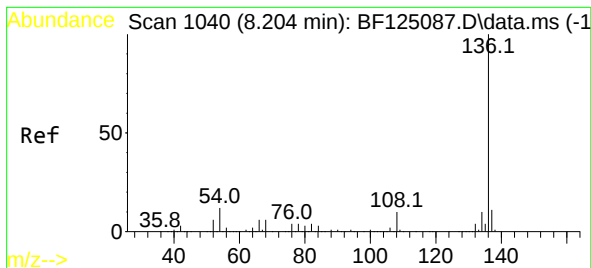
70 100

42 50.3 72.2 108.2#

101 0.0 7.8 11.8#

130 2.0 21.8 32.6#



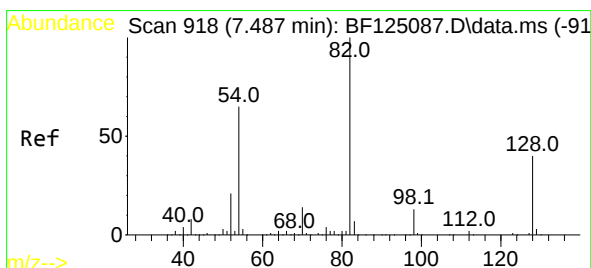
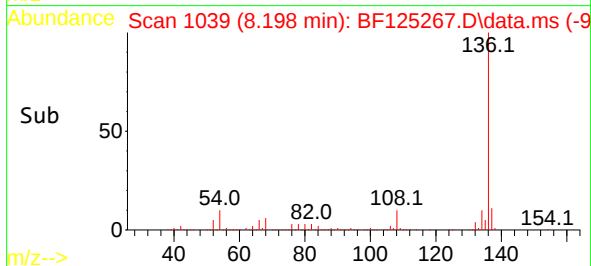
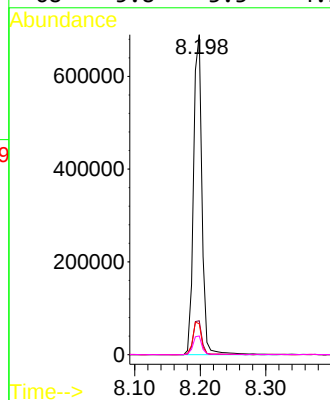
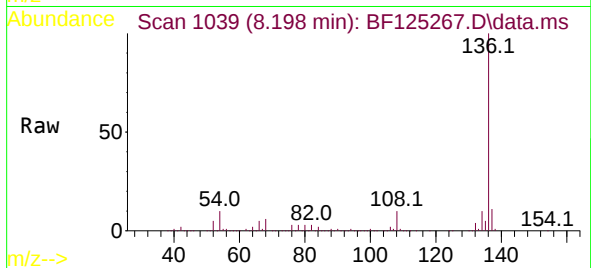


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.198 min Scan# 1039  
Delta R.T. 0.000 min  
Lab File: BF125267.D  
Acq: 30 Aug 2021 17:43

Instrument :  
BNA\_F  
ClientSampleId :  
VE1-4

Tgt Ion: 136 Resp: 619703

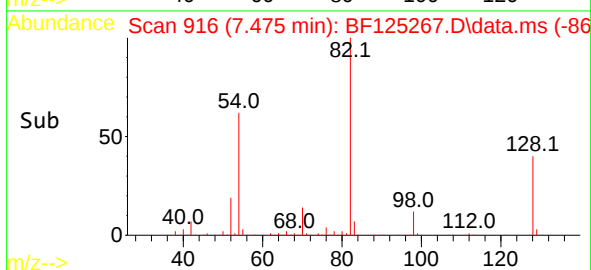
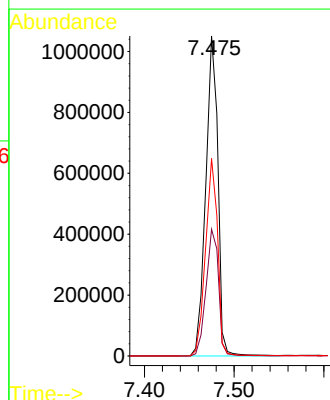
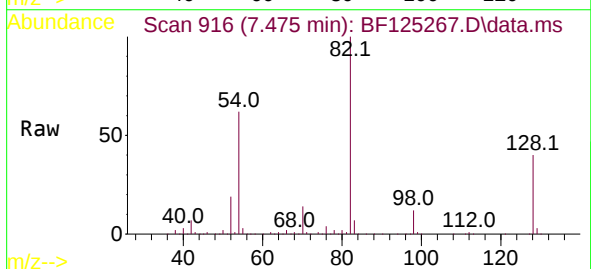
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 10.6  | 9.8   | 14.6  |
| 54  | 9.7   | 6.4   | 9.6#  |
| 68  | 5.8   | 3.3   | 4.9#  |



#23  
Nitrobenzene-d5  
Concen: 80.252 ng  
RT: 7.475 min Scan# 916  
Delta R.T. -0.006 min  
Lab File: BF125267.D  
Acq: 30 Aug 2021 17:43

Tgt Ion: 82 Resp: 987852

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 39.6  | 40.6  | 60.8# |
| 54  | 61.7  | 49.6  | 74.4  |

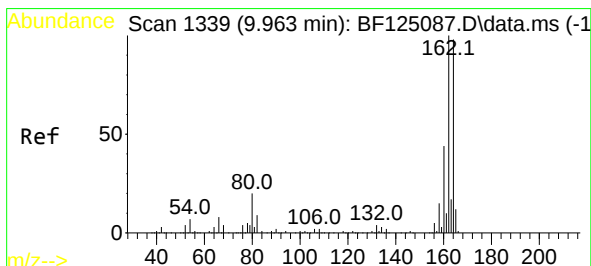
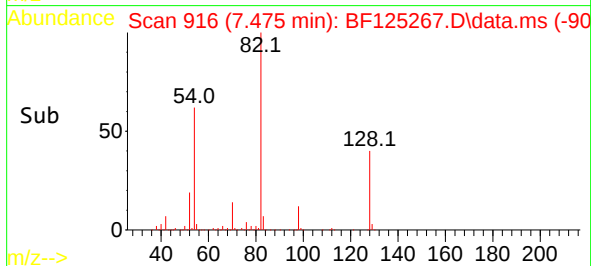
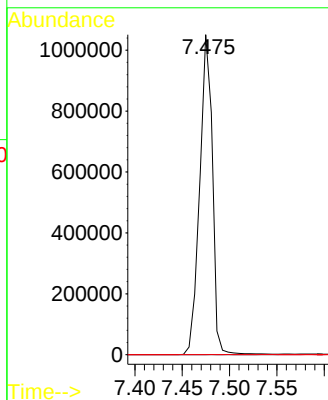
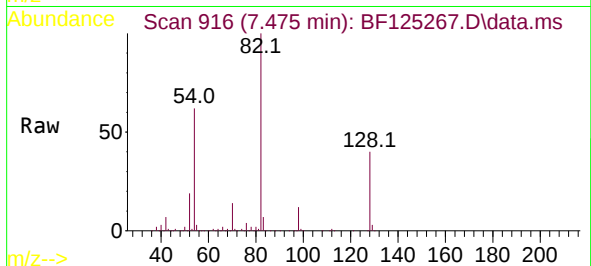




#25  
Isophorone  
Concen: 41.600 ng  
RT: 7.475 min Scan# 916  
Delta R.T. -0.259 min  
Lab File: BF125267.D  
Acq: 30 Aug 2021 17:43

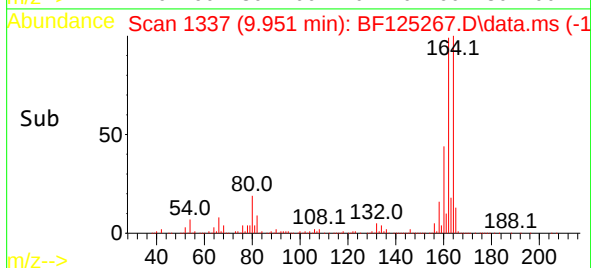
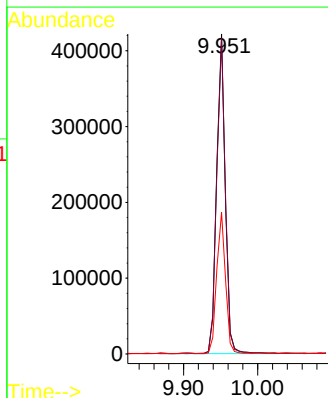
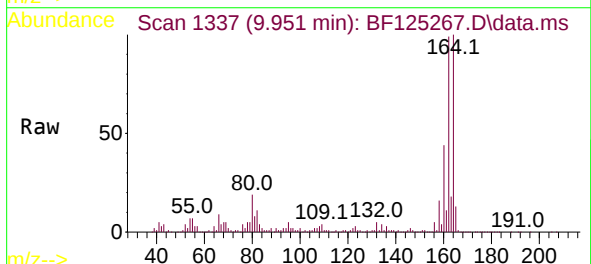
Instrument :  
BNA\_F  
ClientSampleId :  
VE1-4

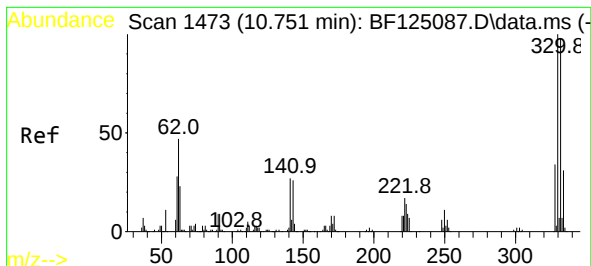
Tgt Ion: 82 Resp: 987836  
Ion Ratio Lower Upper  
82 100  
95 0.0 6.5 9.7#  
138 0.0 18.4 27.6#



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.951 min Scan# 1337  
Delta R.T. 0.000 min  
Lab File: BF125267.D  
Acq: 30 Aug 2021 17:43

Tgt Ion: 164 Resp: 339289  
Ion Ratio Lower Upper  
164 100  
162 98.7 81.3 121.9  
160 44.2 38.0 57.0

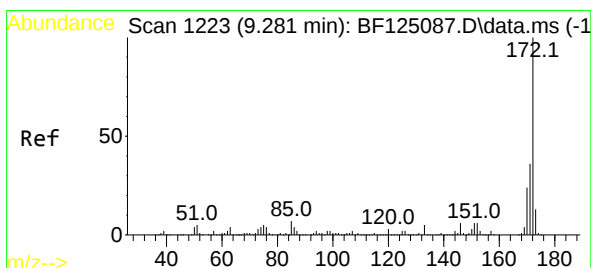
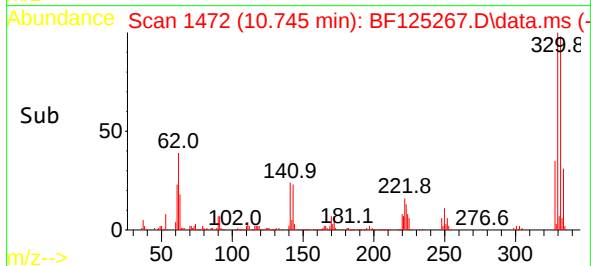
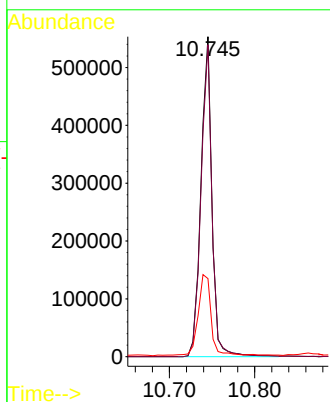
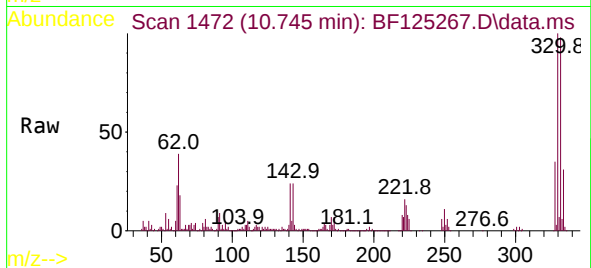




#42  
2,4,6-Tribromophenol  
Concen: 146.294 ng  
RT: 10.745 min Scan# 1472  
Delta R.T. 0.006 min  
Lab File: BF125267.D  
Acq: 30 Aug 2021 17:43

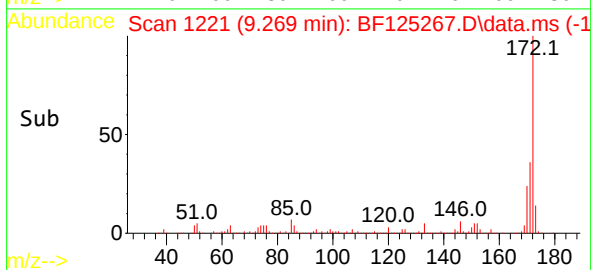
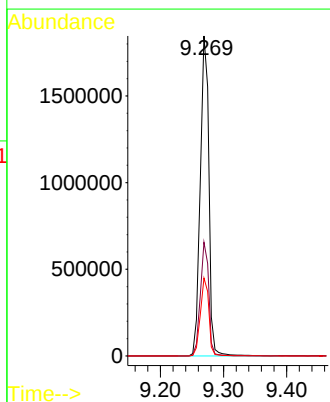
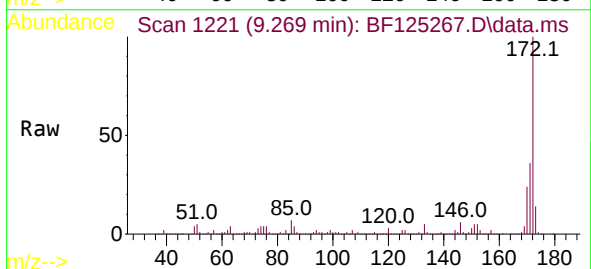
Instrument :  
BNA\_F  
ClientSampleId :  
VE1-4

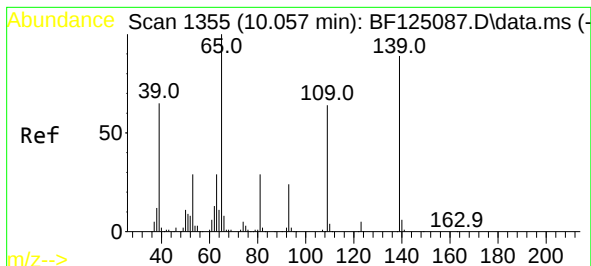
Tgt Ion: 330 Resp: 495478  
Ion Ratio Lower Upper  
330 100  
332 97.7 76.2 114.4  
141 29.9 44.6 66.8#



#45  
2-Fluorobiphenyl  
Concen: 71.591 ng  
RT: 9.269 min Scan# 1221  
Delta R.T. -0.006 min  
Lab File: BF125267.D  
Acq: 30 Aug 2021 17:43

Tgt Ion: 172 Resp: 1742796  
Ion Ratio Lower Upper  
172 100  
171 35.6 26.5 39.7  
170 24.3 18.8 28.2

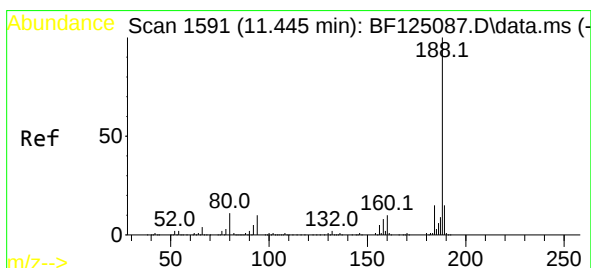
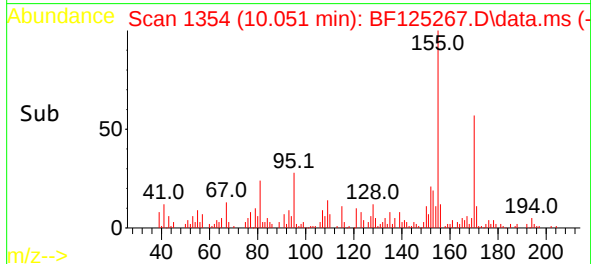
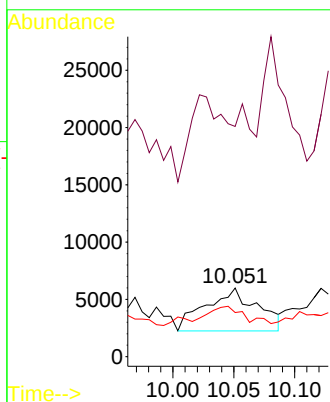
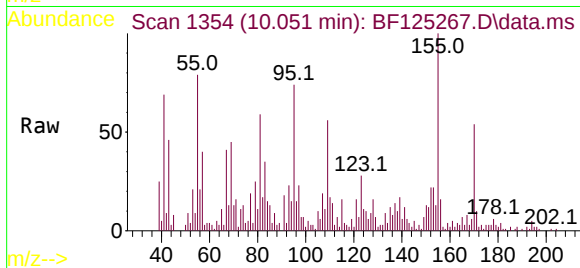




#56  
4-Nitrophenol  
Concen: 2.535 ng  
RT: 10.051 min Scan# 1354  
Delta R.T. 0.000 min  
Lab File: BF125267.D  
Acq: 30 Aug 2021 17:43

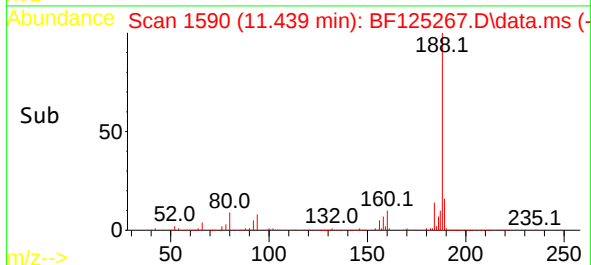
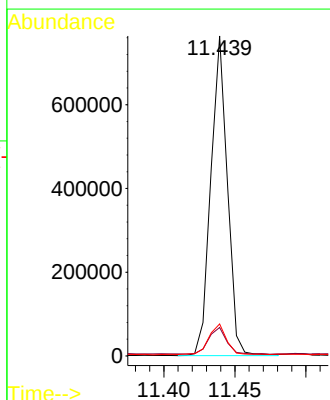
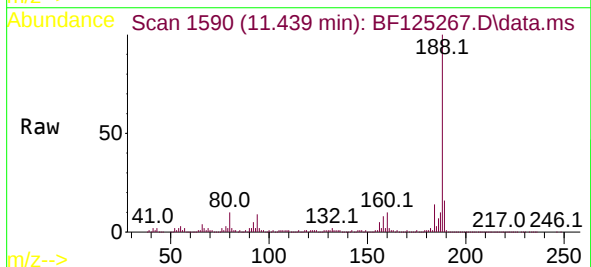
Instrument :  
BNA\_F  
ClientSampleId :  
VE1-4

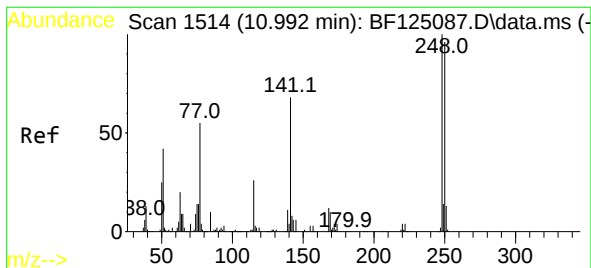
Tgt Ion:139 Resp: 11037  
Ion Ratio Lower Upper  
139 100  
109 335.6 60.4 100.4#  
65 64.4 58.4 98.4



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.439 min Scan# 1590  
Delta R.T. 0.000 min  
Lab File: BF125267.D  
Acq: 30 Aug 2021 17:43

Tgt Ion:188 Resp: 620023  
Ion Ratio Lower Upper  
188 100  
94 8.9 6.7 10.1  
80 10.0 7.5 11.3

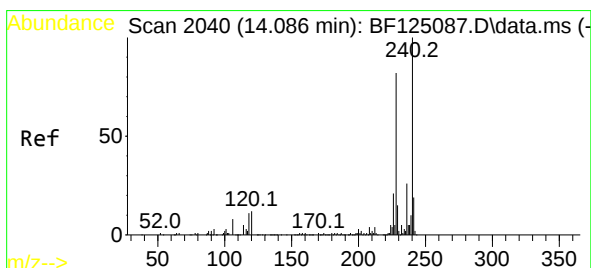
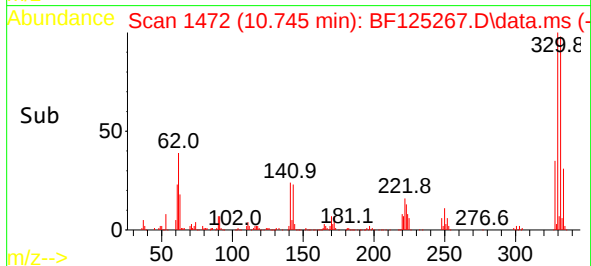
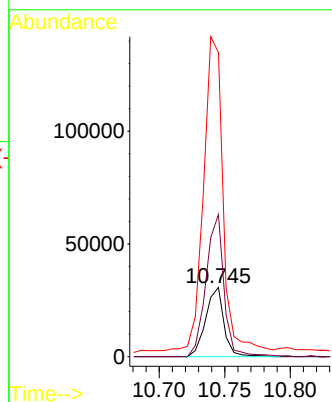
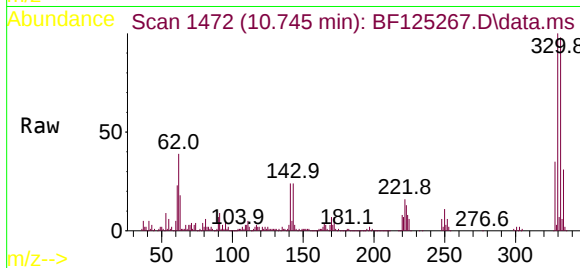




#67  
4-Bromophenyl-phenylether  
Concen: 4.009 ng  
RT: 10.745 min Scan# 1472  
Delta R.T. -0.235 min  
Lab File: BF125267.D  
Acq: 30 Aug 2021 17:43

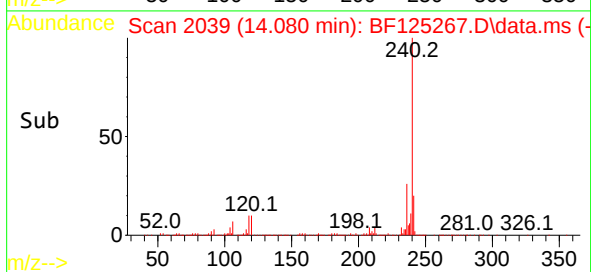
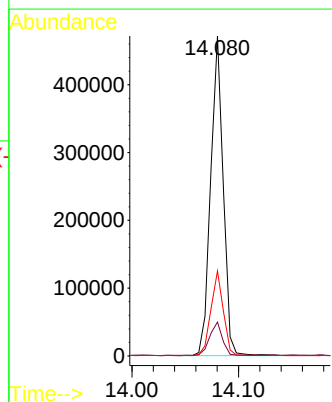
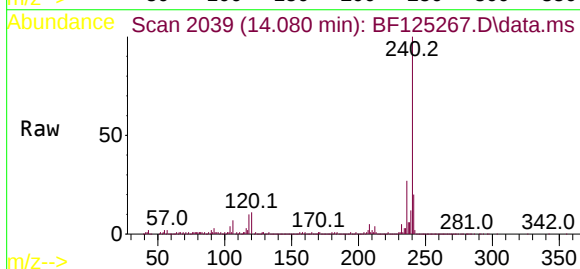
Instrument :  
BNA\_F  
ClientSampleId :  
VE1-4

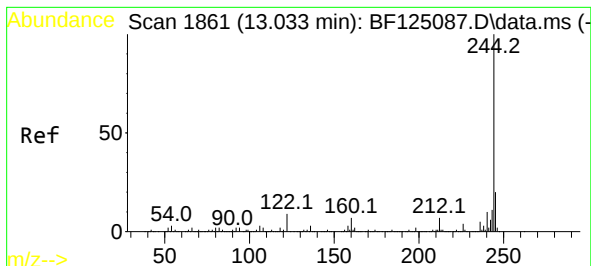
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Ion Ratio Lower Upper  
248 100  
250 205.4 74.2 111.4#  
141 439.3 60.4 90.6#



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.080 min Scan# 2039  
Delta R.T. 0.000 min  
Lab File: BF125267.D  
Acq: 30 Aug 2021 17:43

Tgt Ion:240 Resp: 385998  
Ion Ratio Lower Upper  
240 100  
120 10.6 10.8 16.2#  
236 26.6 21.6 32.4

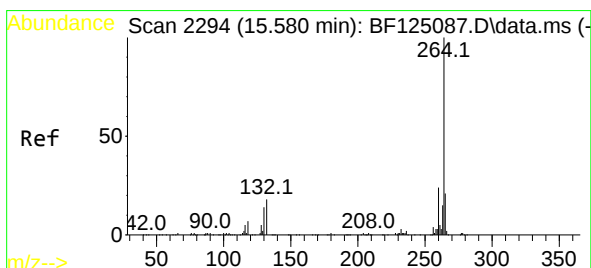
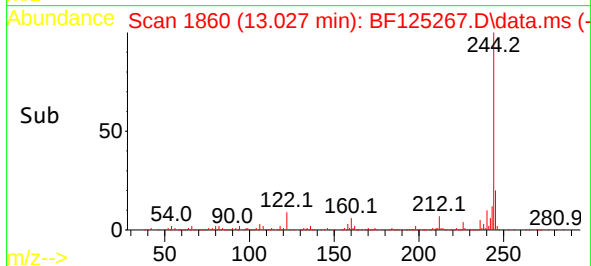
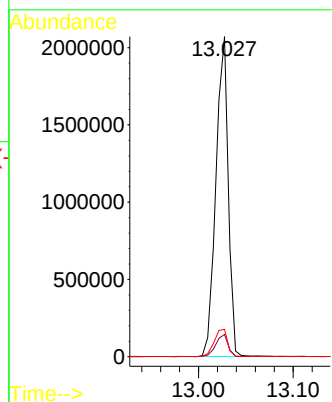
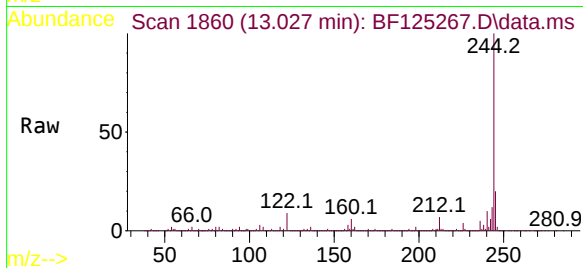




#79  
Terphenyl-d14  
Concen: 77.562 ng  
RT: 13.027 min Scan# 1860  
Delta R.T. 0.006 min  
Lab File: BF125267.D  
Acq: 30 Aug 2021 17:43

Instrument :  
BNA\_F  
ClientSampled :  
VE1-4

Tgt Ion:244 Resp: 1879298  
Ion Ratio Lower Upper  
244 100  
212 6.9 5.9 8.9  
122 8.6 9.0 13.4#



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.580 min Scan# 2294  
Delta R.T. 0.006 min  
Lab File: BF125267.D  
Acq: 30 Aug 2021 17:43

Tgt Ion:264 Resp: 434825  
Ion Ratio Lower Upper  
264 100  
260 24.4 19.6 29.4  
265 22.4 17.2 25.8

