

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF090421\  
 Data File : BF125375.D  
 Acq On : 4 Sep 2021 18:21  
 Operator : JU/CG  
 Sample : M3648-03  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 20211054-SI-COMPOSITE-3

Quant Time: Sep 06 08:29:10 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF081821.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Sep 03 11:56:34 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.898  | 152  | 142318   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.181  | 136  | 524969   | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10        | 9.933  | 164  | 264757   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.421 | 188  | 449412   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 14.062 | 240  | 306517   | 20.000  | ng    | # 0.00   |
| 86) Perylene-d12            | 15.557 | 264  | 325997   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.522  | 112  | 837303   | 89.050  | ng    | 0.00     |
| 7) Phenol-d6                | 6.528  | 99   | 1041512  | 85.647  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.457  | 82   | 679605   | 65.173  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 10.727 | 330  | 275855   | 104.377 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.257  | 172  | 1153722  | 60.734  | ng    | 0.00     |
| 79) Terphenyl-d14           | 13.010 | 244  | 1050730  | 54.611  | ng    | 0.00     |

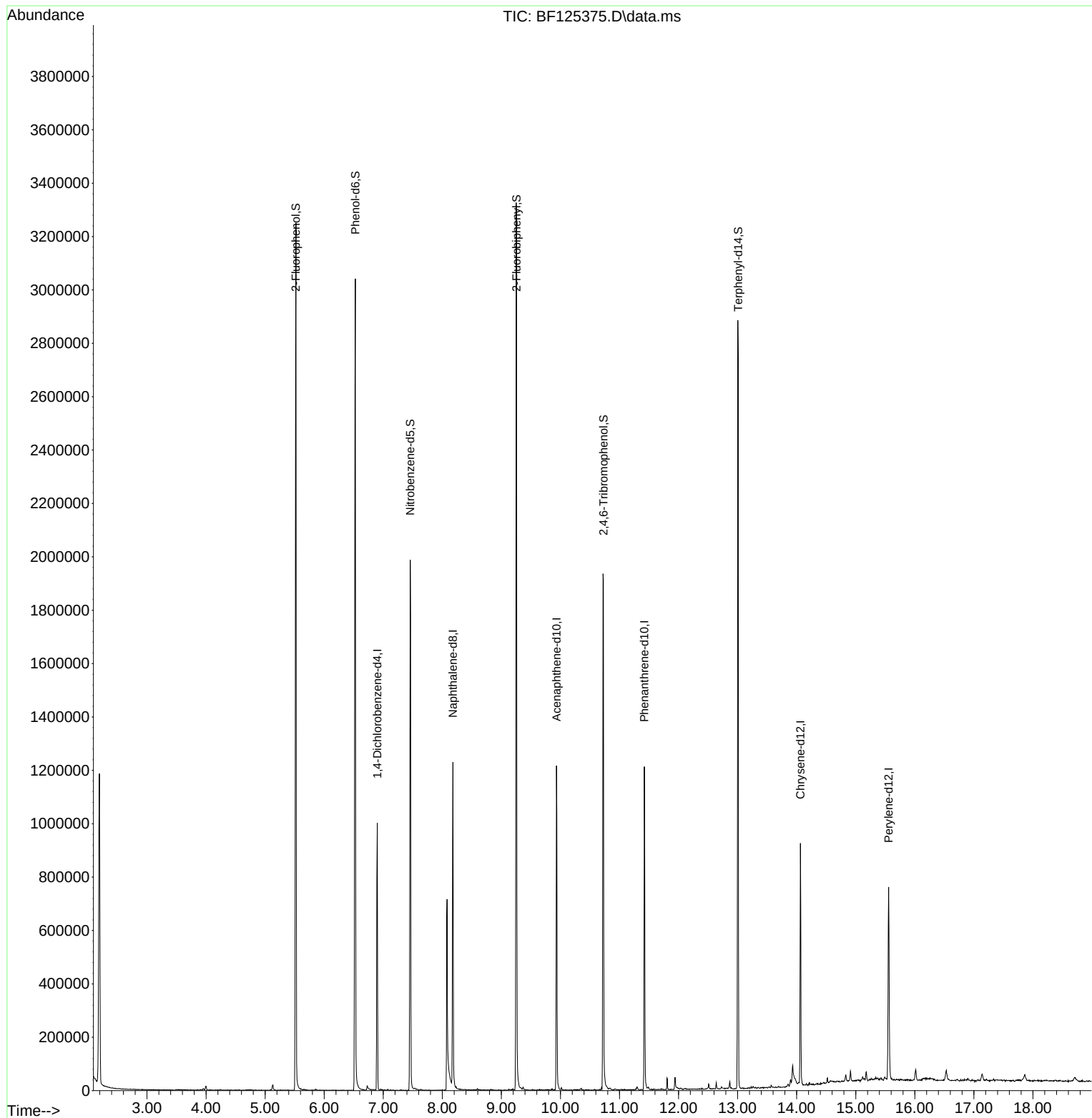
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

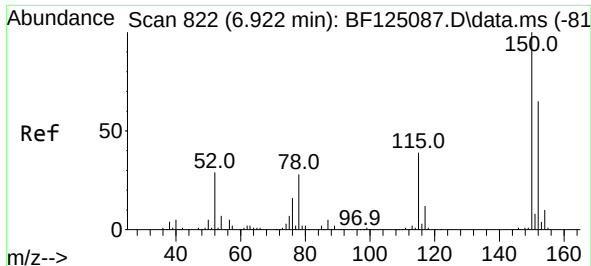
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF090421\  
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Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
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20211054-SI-COMPOSITE-3

Quant Time: Sep 06 08:29:10 2021  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF081821.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Sep 03 11:56:34 2021  
Response via : Initial Calibration

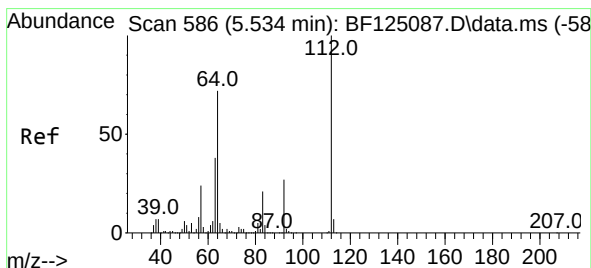
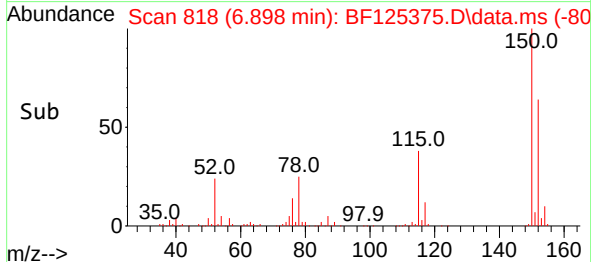
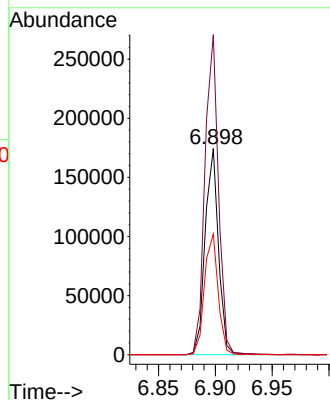
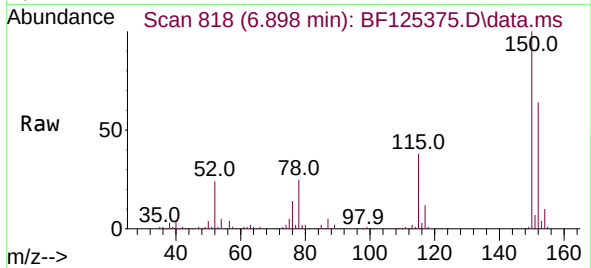




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.898 min Scan# 818  
Delta R.T. 0.000 min  
Lab File: BF125375.D  
Acq: 4 Sep 2021 18:21

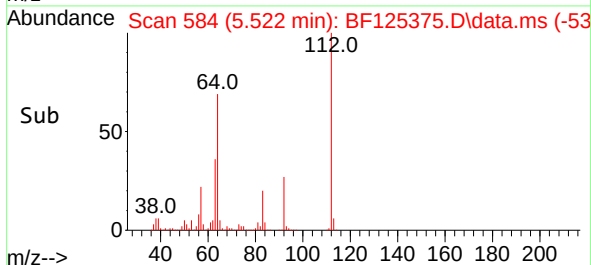
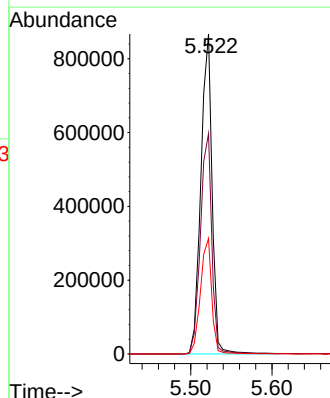
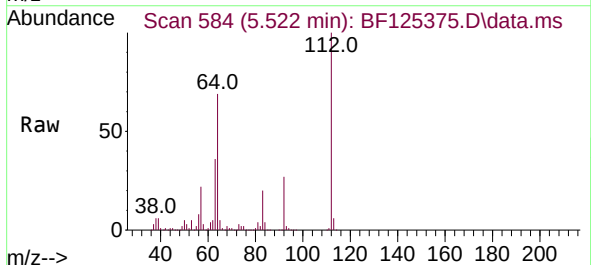
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BNA\_F  
ClientSampleId :  
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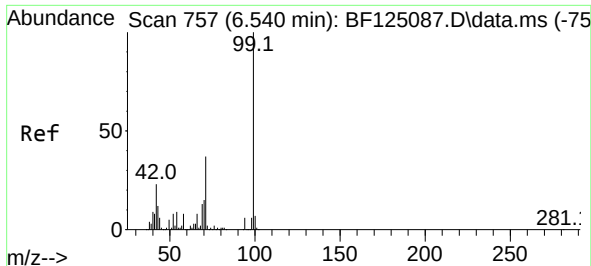
Tgt Ion:152 Resp: 142318  
Ion Ratio Lower Upper  
152 100  
150 155.3 117.6 176.4  
115 58.5 47.1 70.7



#5  
2-Fluorophenol  
Concen: 89.050 ng  
RT: 5.522 min Scan# 584  
Delta R.T. 0.000 min  
Lab File: BF125375.D  
Acq: 4 Sep 2021 18:21

Tgt Ion:112 Resp: 837303  
Ion Ratio Lower Upper  
112 100  
64 68.8 44.2 66.2#  
63 36.1 26.2 39.2

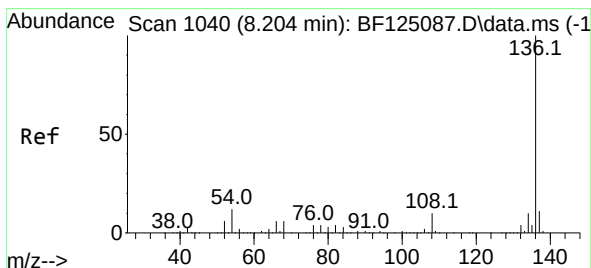
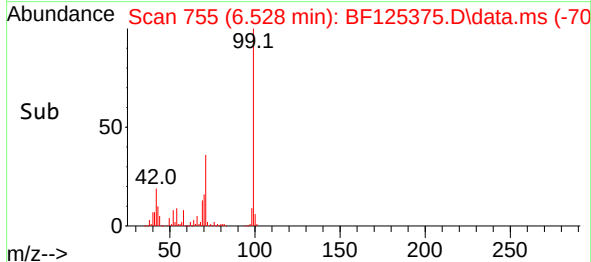
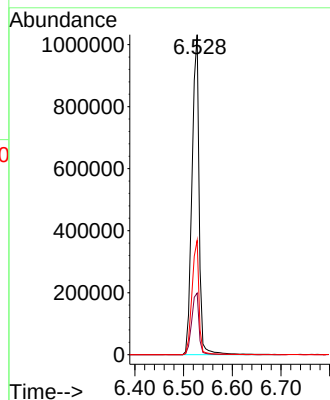
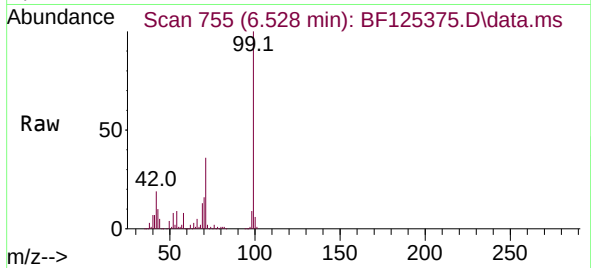




#7  
Phenol-d6  
Concen: 85.647 ng  
RT: 6.528 min Scan# 755  
Delta R.T. -0.006 min  
Lab File: BF125375.D  
Acq: 4 Sep 2021 18:21

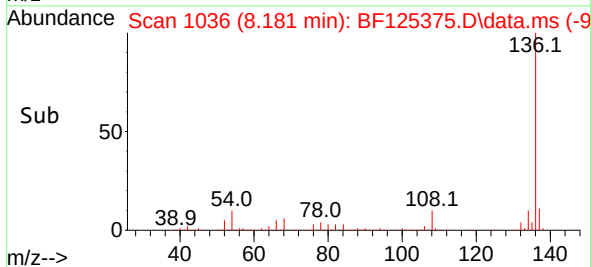
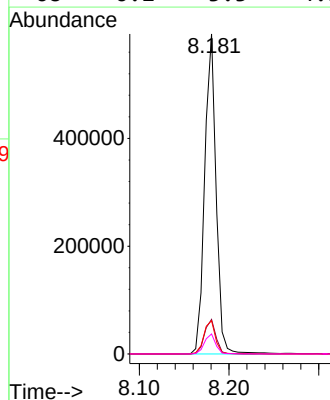
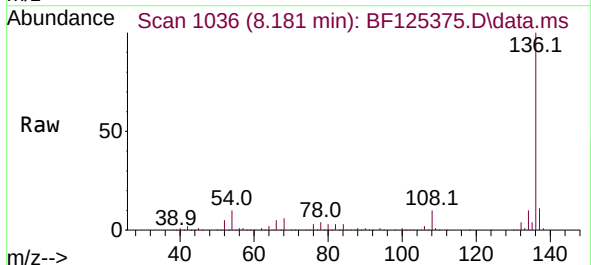
Instrument :  
BNA\_F  
ClientSampleId :  
20211054-SI-COMPOSITE-3

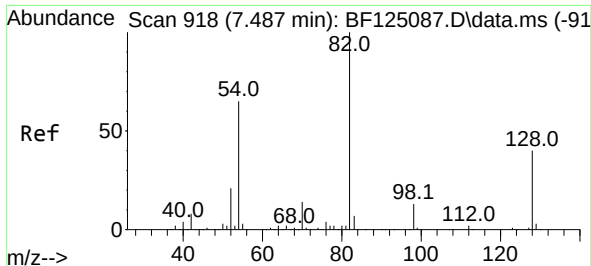
Tgt Ion: 99 Resp: 1041512  
Ion Ratio Lower Upper  
99 100  
42 19.2 23.5 35.3#  
71 35.7 25.6 38.4



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.181 min Scan# 1036  
Delta R.T. -0.006 min  
Lab File: BF125375.D  
Acq: 4 Sep 2021 18:21

Tgt Ion: 136 Resp: 524969  
Ion Ratio Lower Upper  
136 100  
137 10.8 9.8 14.6  
54 10.4 6.4 9.6#  
68 6.2 3.3 4.9#





#23

Nitrobenzene-d5

Concen: 65.173 ng

RT: 7.457 min Scan# 913

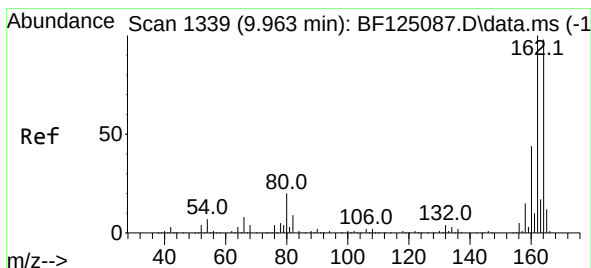
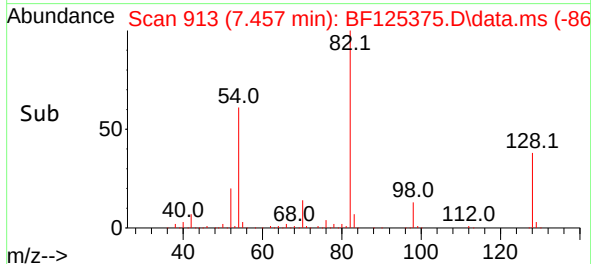
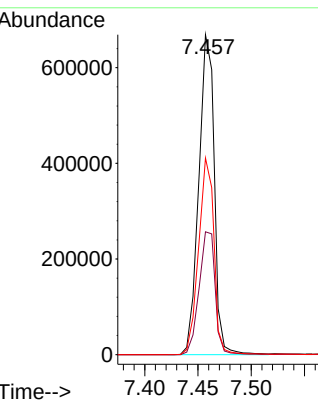
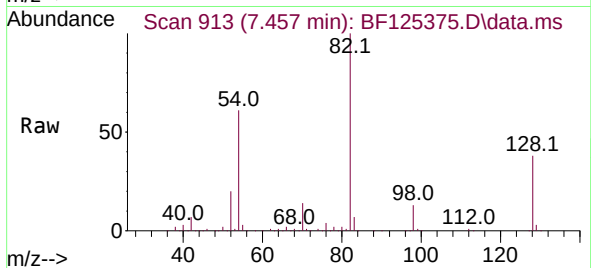
Delta R.T. -0.012 min

Lab File: BF125375.D

Acq: 4 Sep 2021 18:21

Tgt Ion: 82 Resp: 679605

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 38.4  | 40.6  | 60.8# |
| 54  | 61.5  | 49.6  | 74.4  |



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.933 min Scan# 1334

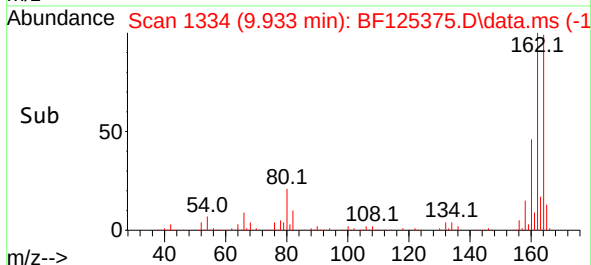
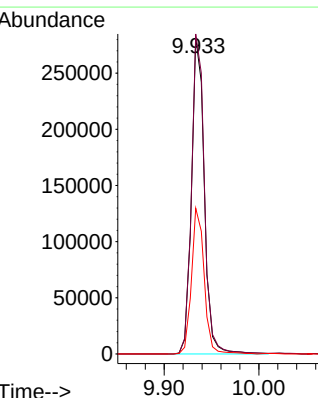
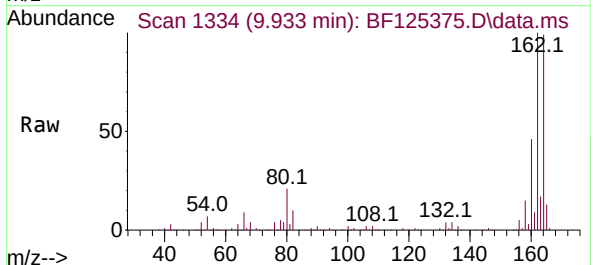
Delta R.T. -0.006 min

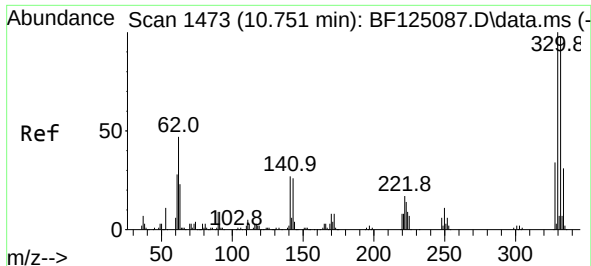
Lab File: BF125375.D

Acq: 4 Sep 2021 18:21

Tgt Ion: 164 Resp: 264757

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 162 | 101.2 | 81.3  | 121.9 |
| 160 | 46.1  | 38.0  | 57.0  |

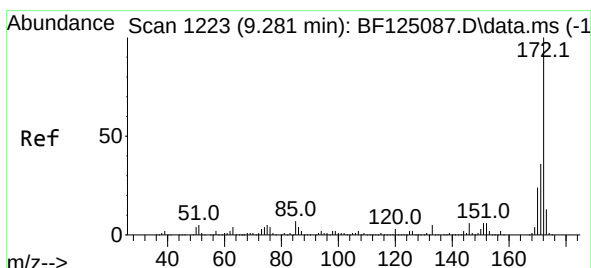
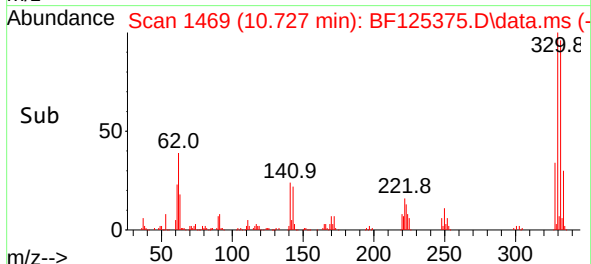
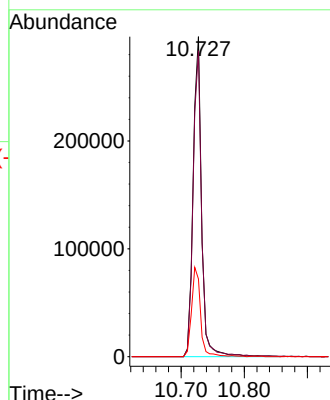
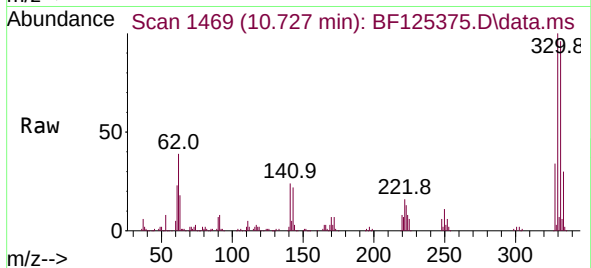




#42  
2,4,6-Tribromophenol  
Concen: 104.377 ng  
RT: 10.727 min Scan# 1469  
Delta R.T. -0.006 min  
Lab File: BF125375.D  
Acq: 4 Sep 2021 18:21

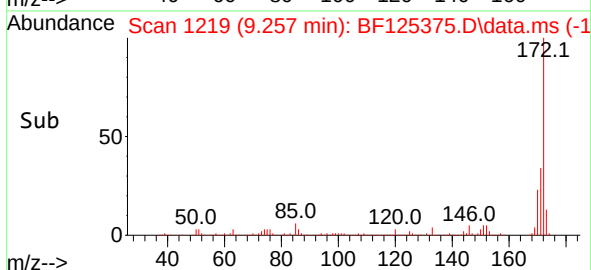
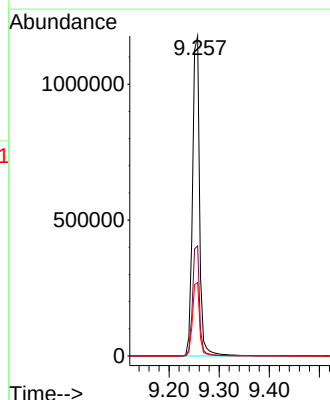
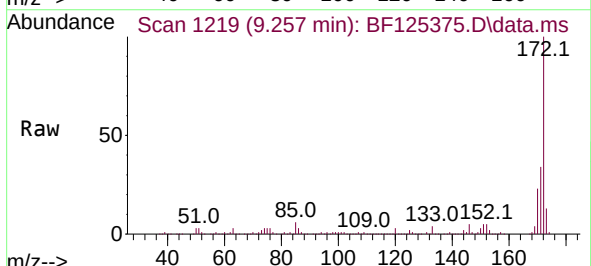
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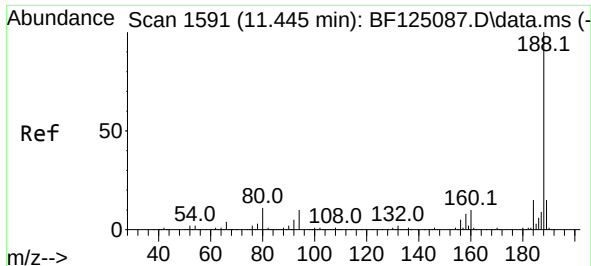
Tgt Ion:330 Resp: 275855  
Ion Ratio Lower Upper  
330 100  
332 96.5 76.2 114.4  
141 29.8 44.6 66.8#



#45  
2-Fluorobiphenyl  
Concen: 60.734 ng  
RT: 9.257 min Scan# 1219  
Delta R.T. 0.000 min  
Lab File: BF125375.D  
Acq: 4 Sep 2021 18:21

Tgt Ion:172 Resp: 1153722  
Ion Ratio Lower Upper  
172 100  
171 34.4 26.5 39.7  
170 23.0 18.8 28.2

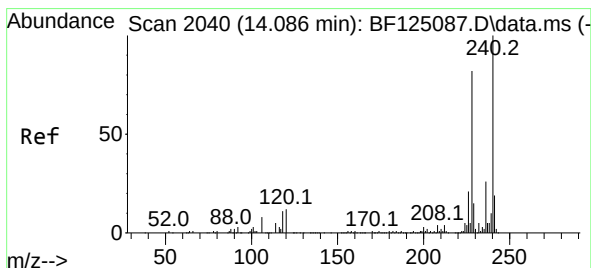
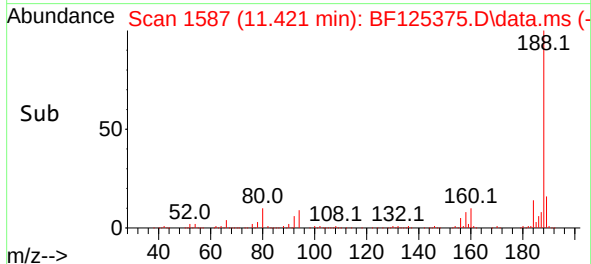
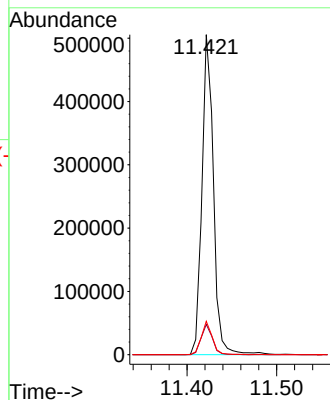
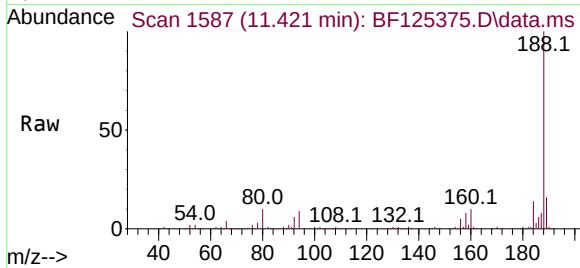




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.421 min Scan# 1587  
Delta R.T. -0.006 min  
Lab File: BF125375.D  
Acq: 4 Sep 2021 18:21

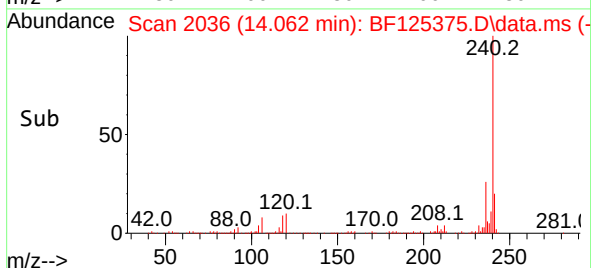
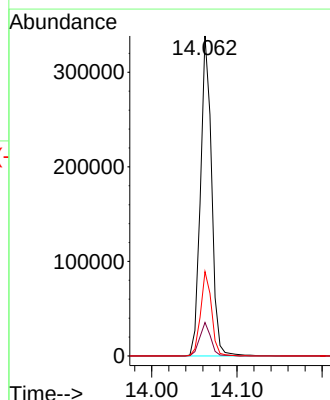
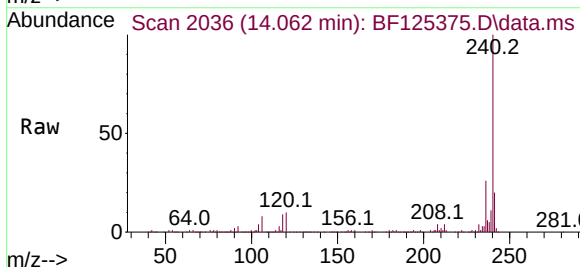
Instrument :  
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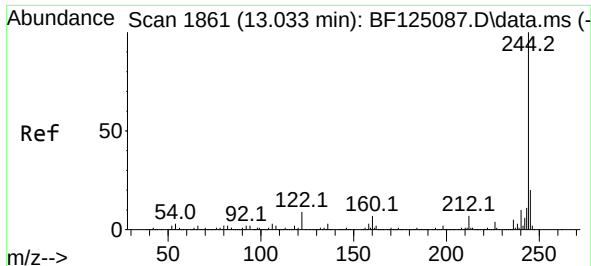
Tgt Ion:188 Resp: 449412  
Ion Ratio Lower Upper  
188 100  
94 9.5 6.7 10.1  
80 10.5 7.5 11.3



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.062 min Scan# 2036  
Delta R.T. -0.006 min  
Lab File: BF125375.D  
Acq: 4 Sep 2021 18:21

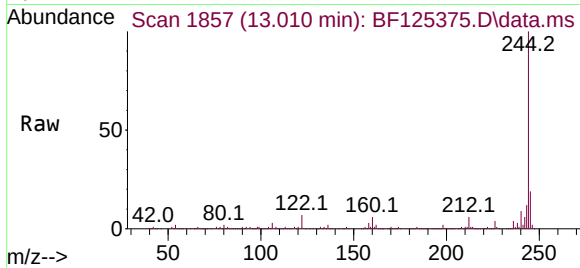
Tgt Ion:240 Resp: 306517  
Ion Ratio Lower Upper  
240 100  
120 10.5 10.8 16.2#  
236 26.3 21.6 32.4



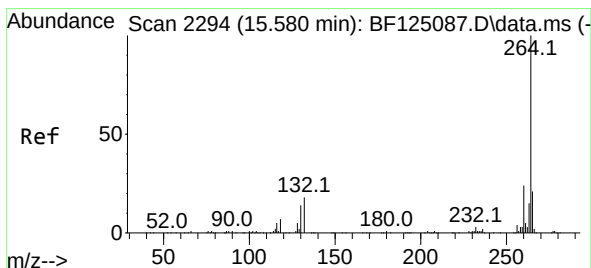
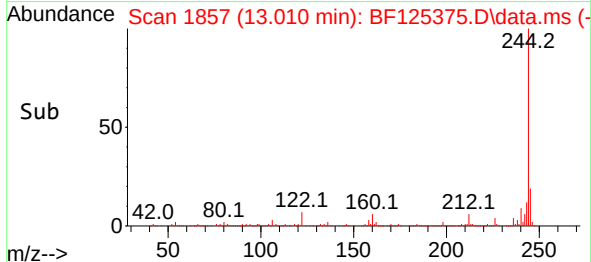
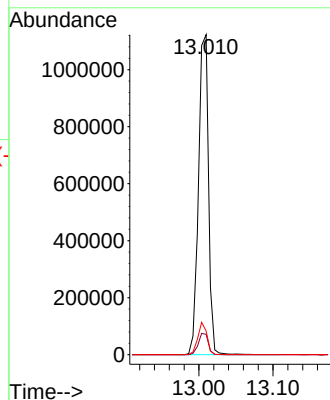


#79  
Terphenyl-d14  
Concen: 54.611 ng  
RT: 13.010 min Scan# 1857  
Delta R.T. 0.000 min  
Lab File: BF125375.D  
Acq: 4 Sep 2021 18:21

Instrument :  
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Tgt Ion:244 Resp: 1050730  
Ion Ratio Lower Upper  
244 100  
212 6.3 5.9 8.9  
122 7.4 9.0 13.4#



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.557 min Scan# 2290  
Delta R.T. 0.000 min  
Lab File: BF125375.D  
Acq: 4 Sep 2021 18:21

Tgt Ion:264 Resp: 325997  
Ion Ratio Lower Upper  
264 100  
260 25.6 19.6 29.4  
265 22.7 17.2 25.8

