

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF091021\  
 Data File : BF125426.D  
 Acq On : 10 Sep 2021 16:18  
 Operator : JU/CG  
 Sample : M3689-02  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 253

Quant Time: Sep 10 17:14:52 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF081821.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Sep 08 14:14:01 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.887  | 152  | 141746   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.169  | 136  | 532323   | 20.000 | ng    | # 0.00   |
| 39) Acenaphthene-d10        | 9.922  | 164  | 287105   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.416 | 188  | 481730   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12            | 14.057 | 240  | 316477   | 20.000 | ng    | # 0.00   |
| 86) Perylene-d12            | 15.545 | 264  | 316868   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.504  | 112  | 171129   | 18.274 | ng    | 0.00     |
| 7) Phenol-d6                | 6.516  | 99   | 137860   | 11.382 | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 7.445  | 82   | 500951   | 47.377 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 10.716 | 330  | 117383   | 40.958 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.245  | 172  | 899298   | 43.656 | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.998 | 244  | 805180   | 40.531 | ng    | 0.00     |

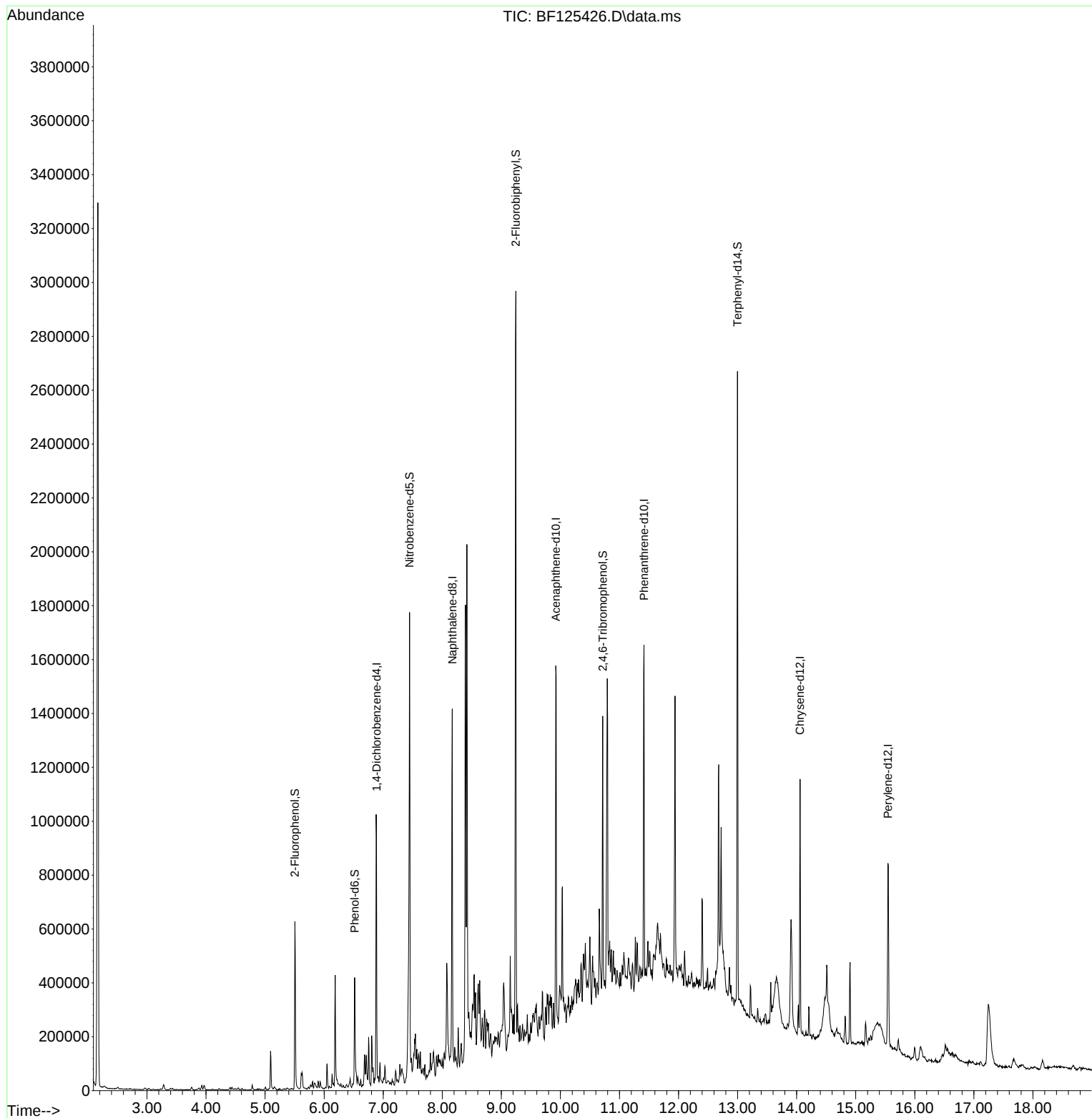
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

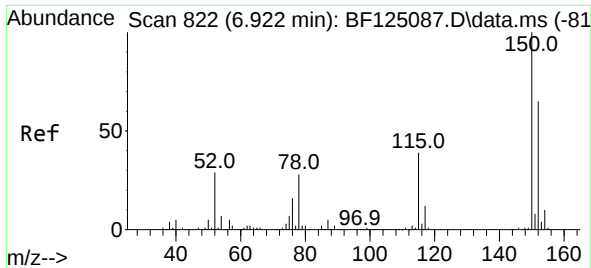
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :  
ALS Vial : 10 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Sep 08 14:14:01 2021  
Response via : Initial Calibration

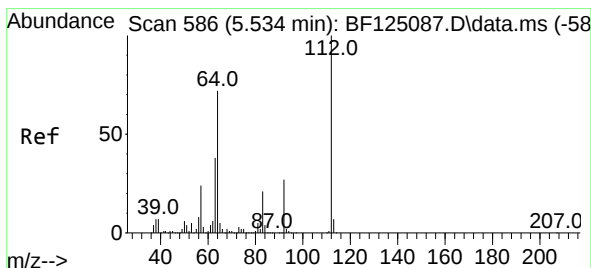
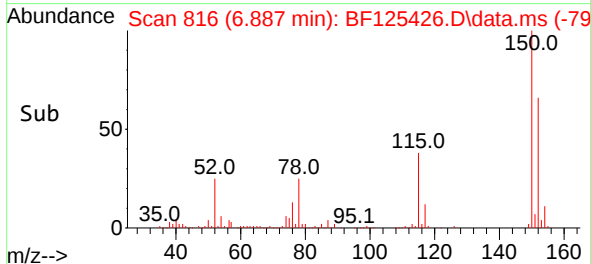
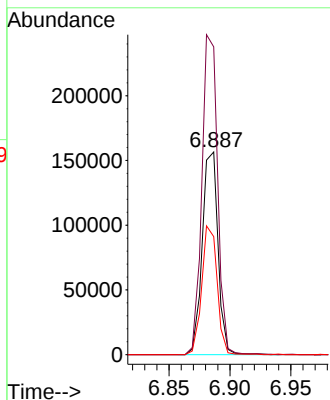
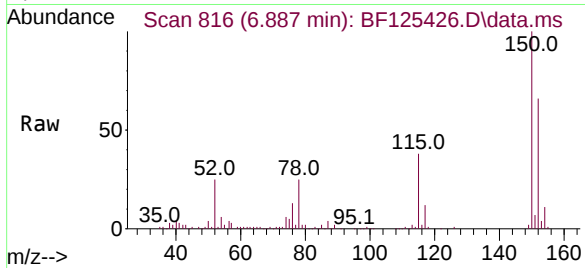




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.887 min Scan# 816  
Delta R.T. 0.001 min  
Lab File: BF125426.D  
Acq: 10 Sep 2021 16:18

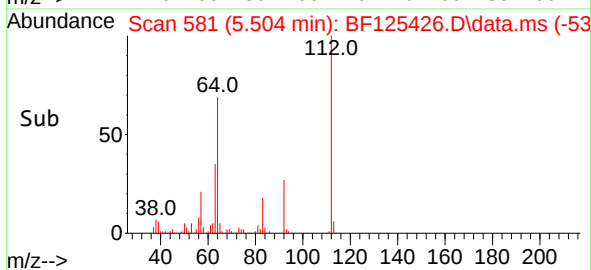
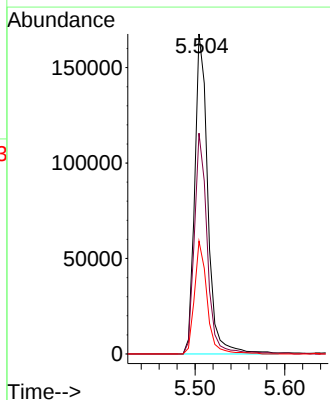
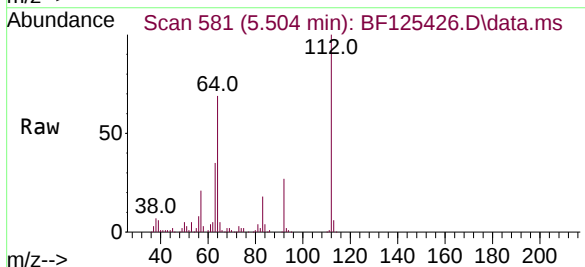
Instrument :  
BNA\_F  
ClientSampled :  
253

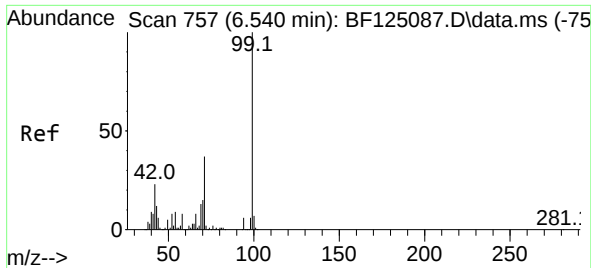
Tgt Ion:152 Resp: 141746  
Ion Ratio Lower Upper  
152 100  
150 151.9 117.6 176.4  
115 58.3 47.1 70.7



#5  
2-Fluorophenol  
Concen: 18.274 ng  
RT: 5.504 min Scan# 581  
Delta R.T. -0.006 min  
Lab File: BF125426.D  
Acq: 10 Sep 2021 16:18

Tgt Ion:112 Resp: 171129  
Ion Ratio Lower Upper  
112 100  
64 69.0 44.2 66.2#  
63 35.3 26.2 39.2

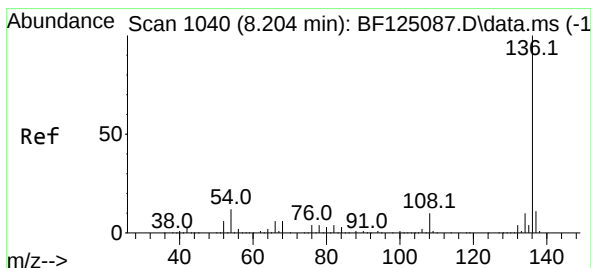
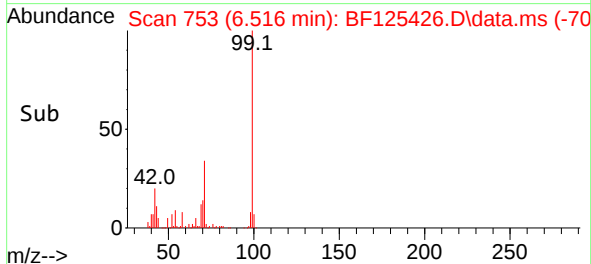
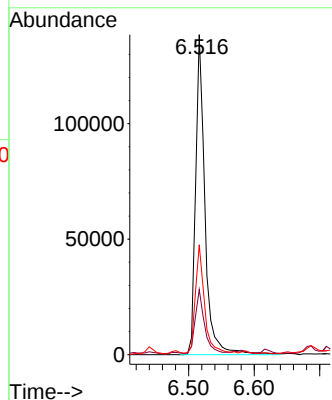
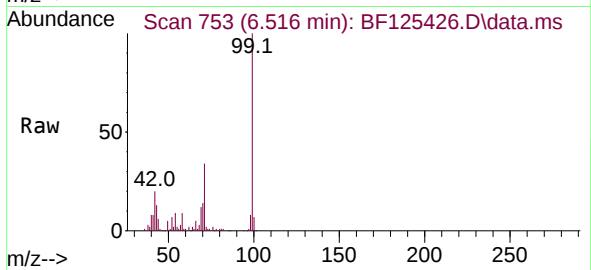




#7  
Phenol-d6  
Concen: 11.382 ng  
RT: 6.516 min Scan# 753  
Delta R.T. -0.012 min  
Lab File: BF125426.D  
Acq: 10 Sep 2021 16:18

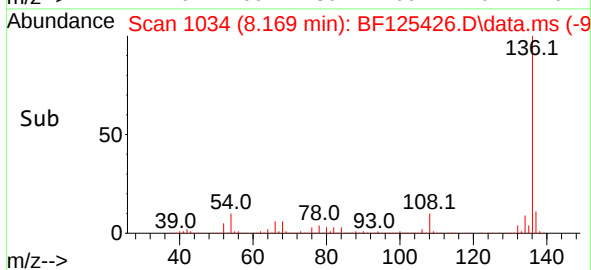
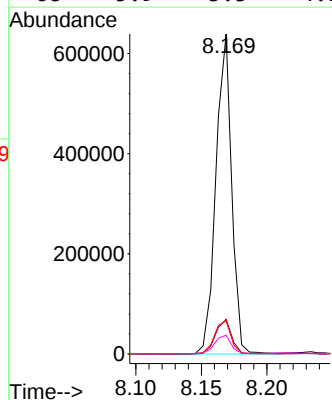
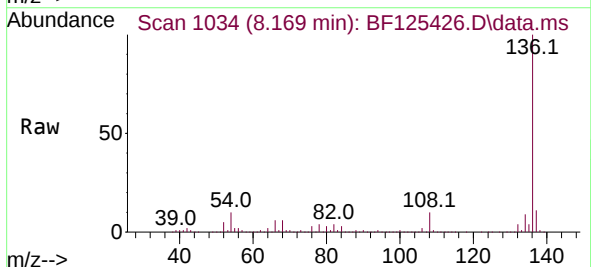
Instrument :  
BNA\_F  
ClientSampleId :  
253

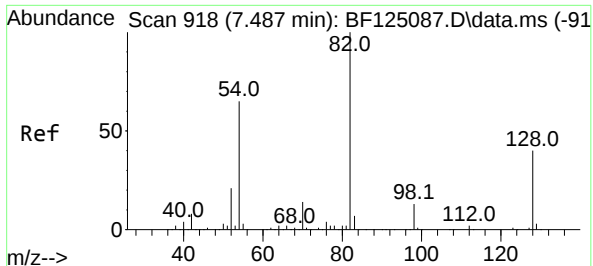
Tgt Ion: 99 Resp: 137860  
Ion Ratio Lower Upper  
99 100  
42 20.4 23.5 35.3#  
71 34.4 25.6 38.4



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.169 min Scan# 1034  
Delta R.T. -0.006 min  
Lab File: BF125426.D  
Acq: 10 Sep 2021 16:18

Tgt Ion: 136 Resp: 532323  
Ion Ratio Lower Upper  
136 100  
137 10.8 9.8 14.6  
54 10.3 6.4 9.6#  
68 5.9 3.3 4.9#

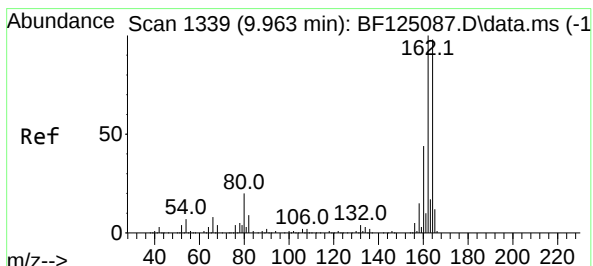
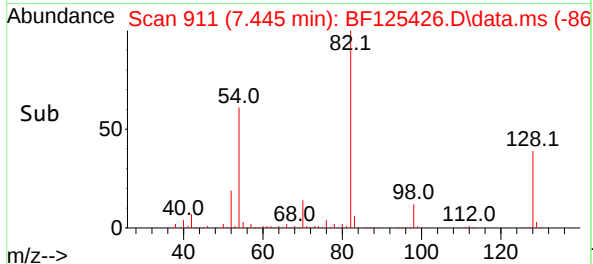
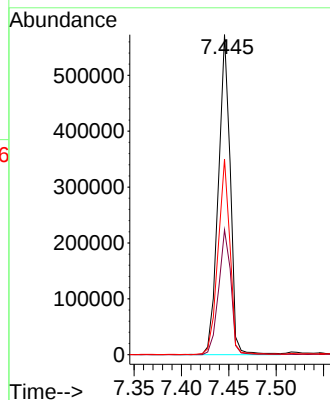
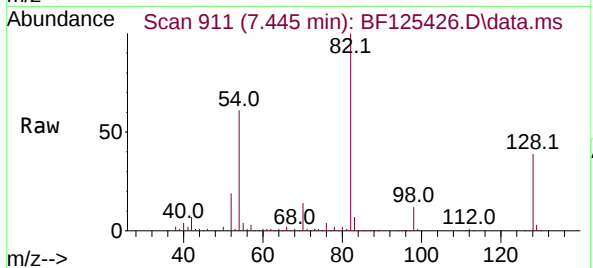




#23  
Nitrobenzene-d5  
Concen: 47.377 ng  
RT: 7.445 min Scan# 911  
Delta R.T. -0.012 min  
Lab File: BF125426.D  
Acq: 10 Sep 2021 16:18

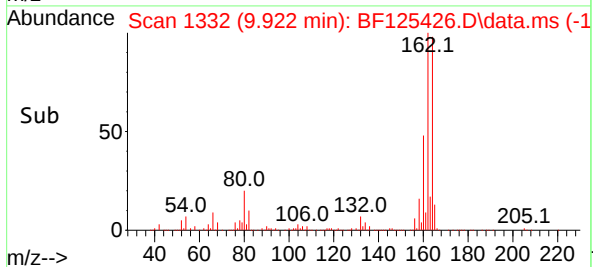
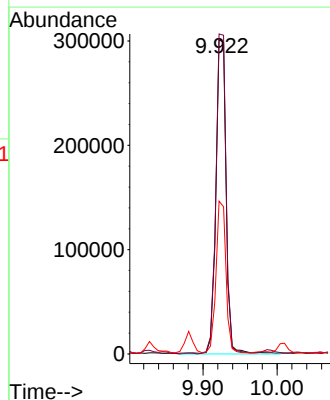
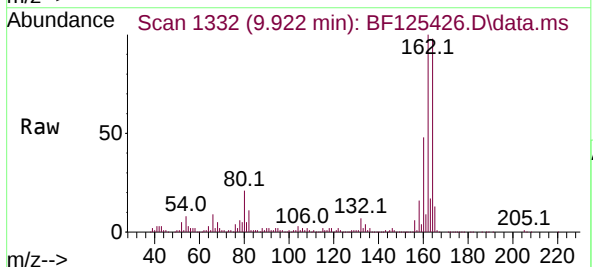
Instrument :  
BNA\_F  
ClientSampleId :  
253

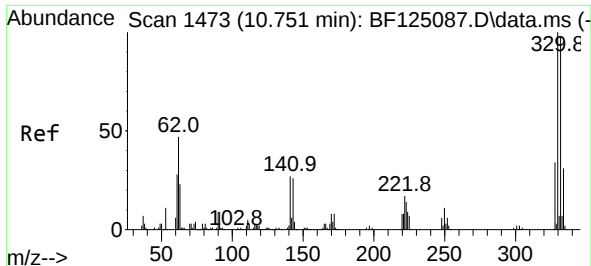
Tgt Ion: 82 Resp: 500951  
Ion Ratio Lower Upper  
82 100  
128 39.0 40.6 60.8#  
54 61.1 49.6 74.4



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.922 min Scan# 1332  
Delta R.T. -0.006 min  
Lab File: BF125426.D  
Acq: 10 Sep 2021 16:18

Tgt Ion: 164 Resp: 287105  
Ion Ratio Lower Upper  
164 100  
162 101.9 81.3 121.9  
160 48.7 38.0 57.0

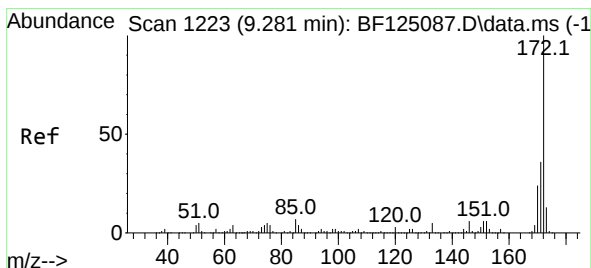
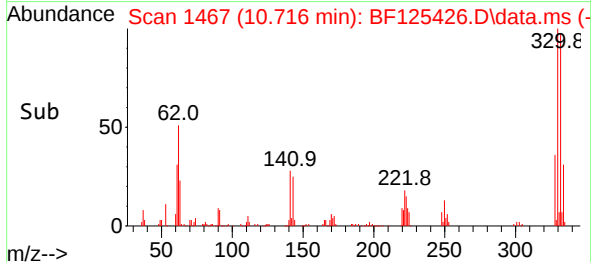
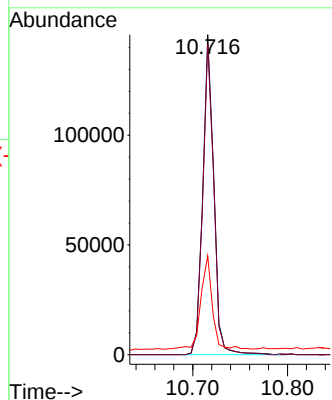
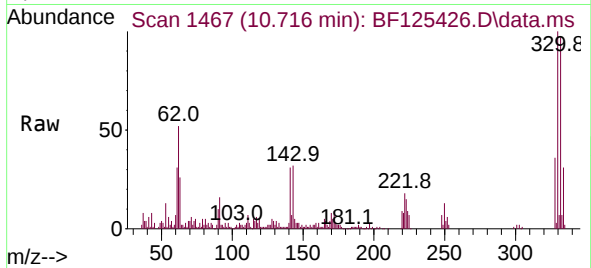




#42  
2,4,6-Tribromophenol  
Concen: 40.958 ng  
RT: 10.716 min Scan# 1467  
Delta R.T. -0.006 min  
Lab File: BF125426.D  
Acq: 10 Sep 2021 16:18

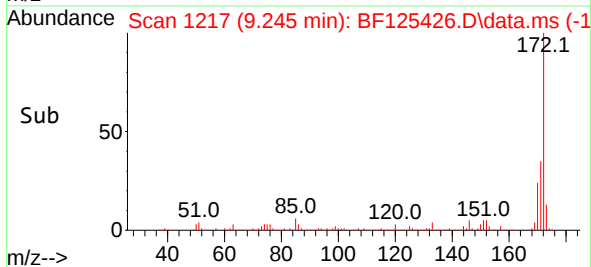
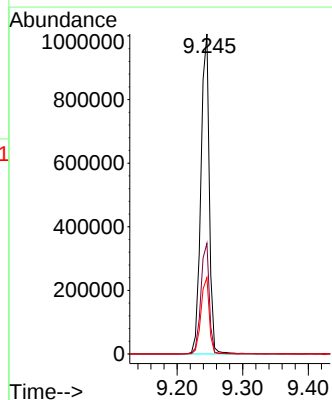
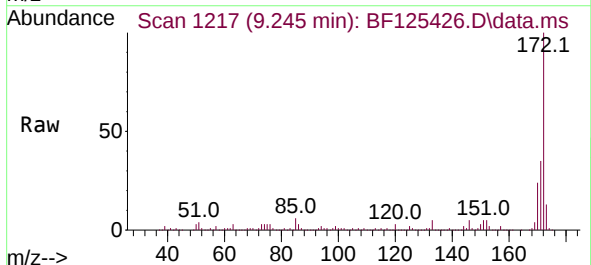
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ClientSampleId :  
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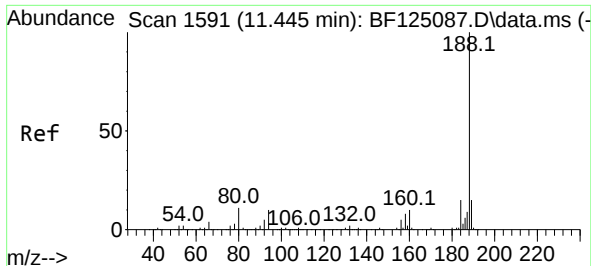
Tgt Ion: 330 Resp: 117383  
Ion Ratio Lower Upper  
330 100  
332 97.0 76.2 114.4  
141 34.4 44.6 66.8#



#45  
2-Fluorobiphenyl  
Concen: 43.656 ng  
RT: 9.245 min Scan# 1217  
Delta R.T. -0.006 min  
Lab File: BF125426.D  
Acq: 10 Sep 2021 16:18

Tgt Ion: 172 Resp: 899298  
Ion Ratio Lower Upper  
172 100  
171 34.5 26.5 39.7  
170 23.9 18.8 28.2

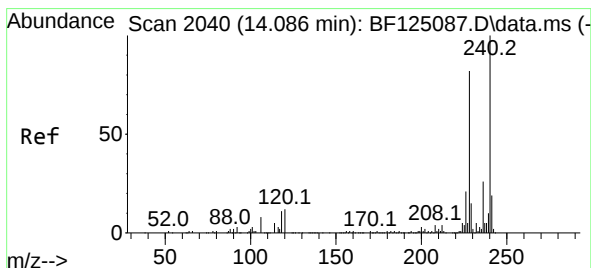
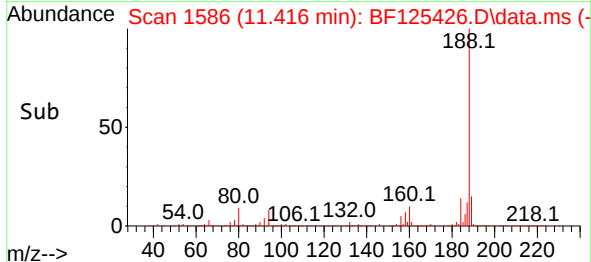
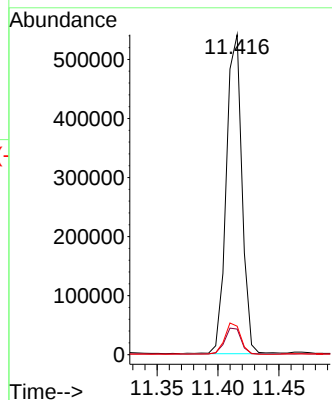
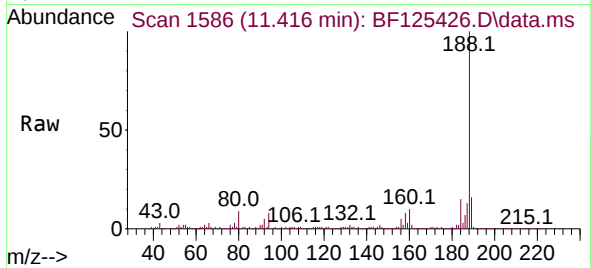




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.416 min Scan# 1586  
Delta R.T. 0.000 min  
Lab File: BF125426.D  
Acq: 10 Sep 2021 16:18

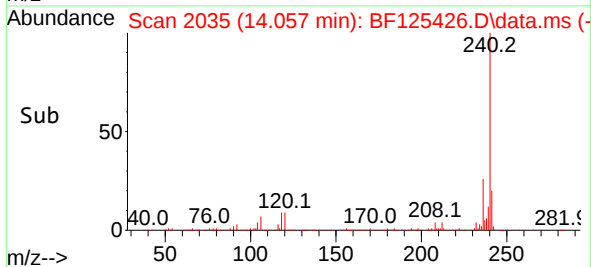
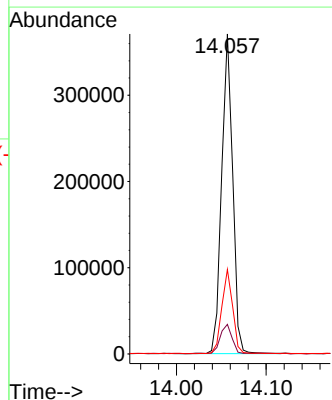
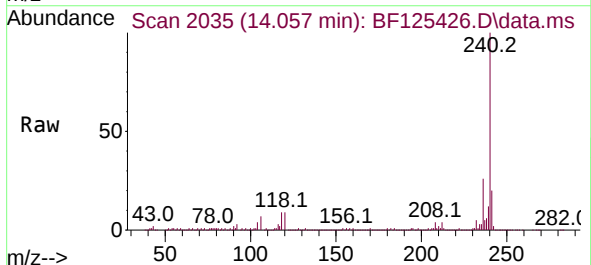
Instrument :  
BNA\_F  
ClientSampleId :  
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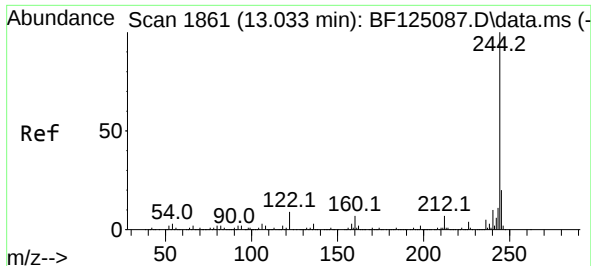
Tgt Ion:188 Resp: 481730  
Ion Ratio Lower Upper  
188 100  
94 8.0 6.7 10.1  
80 8.9 7.5 11.3



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.057 min Scan# 2035  
Delta R.T. -0.006 min  
Lab File: BF125426.D  
Acq: 10 Sep 2021 16:18

Tgt Ion:240 Resp: 316477  
Ion Ratio Lower Upper  
240 100  
120 9.3 10.8 16.2#  
236 26.4 21.6 32.4

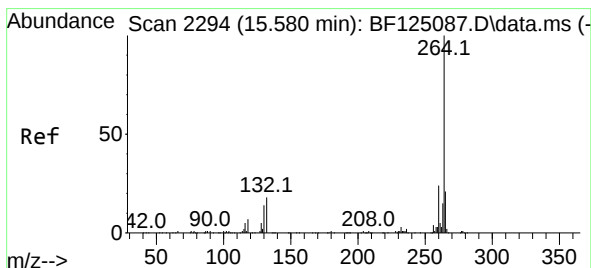
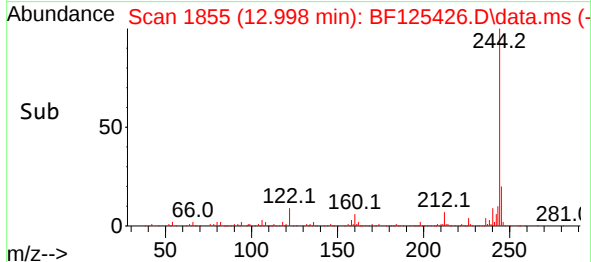
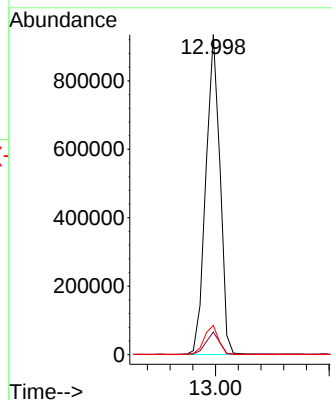
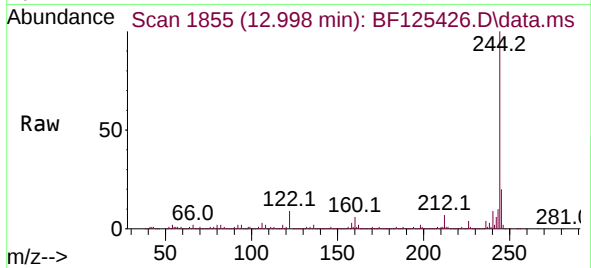




#79  
Terphenyl-d14  
Concen: 40.531 ng  
RT: 12.998 min Scan# 1855  
Delta R.T. -0.006 min  
Lab File: BF125426.D  
Acq: 10 Sep 2021 16:18

Instrument :  
BNA\_F  
ClientSampleId :  
253

Tgt Ion:244 Resp: 805180  
Ion Ratio Lower Upper  
244 100  
212 7.1 5.9 8.9  
122 9.1 9.0 13.4



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.545 min Scan# 2288  
Delta R.T. 0.000 min  
Lab File: BF125426.D  
Acq: 10 Sep 2021 16:18

Tgt Ion:264 Resp: 316868  
Ion Ratio Lower Upper  
264 100  
260 23.6 19.6 29.4  
265 21.6 17.2 25.8

