

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF122321\  
 Data File : BF126345.D  
 Acq On : 23 Dec 2021 15:38  
 Operator : JU/CG  
 Sample : M5187-04  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SASP2-119-1-40-57

Quant Time: Dec 27 06:50:11 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF121521.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Dec 22 13:00:11 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.810  | 152  | 125269   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.092  | 136  | 540993   | 20.000  | ng    | #-0.01   |
| 39) Acenaphthene-d10        | 9.851  | 164  | 276316   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.333 | 188  | 431243   | 20.000  | ng    | # 0.00   |
| 76) Chrysene-d12            | 13.974 | 240  | 262288   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 15.421 | 264  | 255419   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.428  | 112  | 847438   | 99.624  | ng    | 0.00     |
| 7) Phenol-d6                | 6.439  | 99   | 1074462  | 99.479  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.375  | 82   | 678578   | 67.933  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.639 | 330  | 223793   | 100.780 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.175  | 172  | 1045949  | 66.390  | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.921 | 244  | 837298   | 55.486  | ng    | 0.00     |

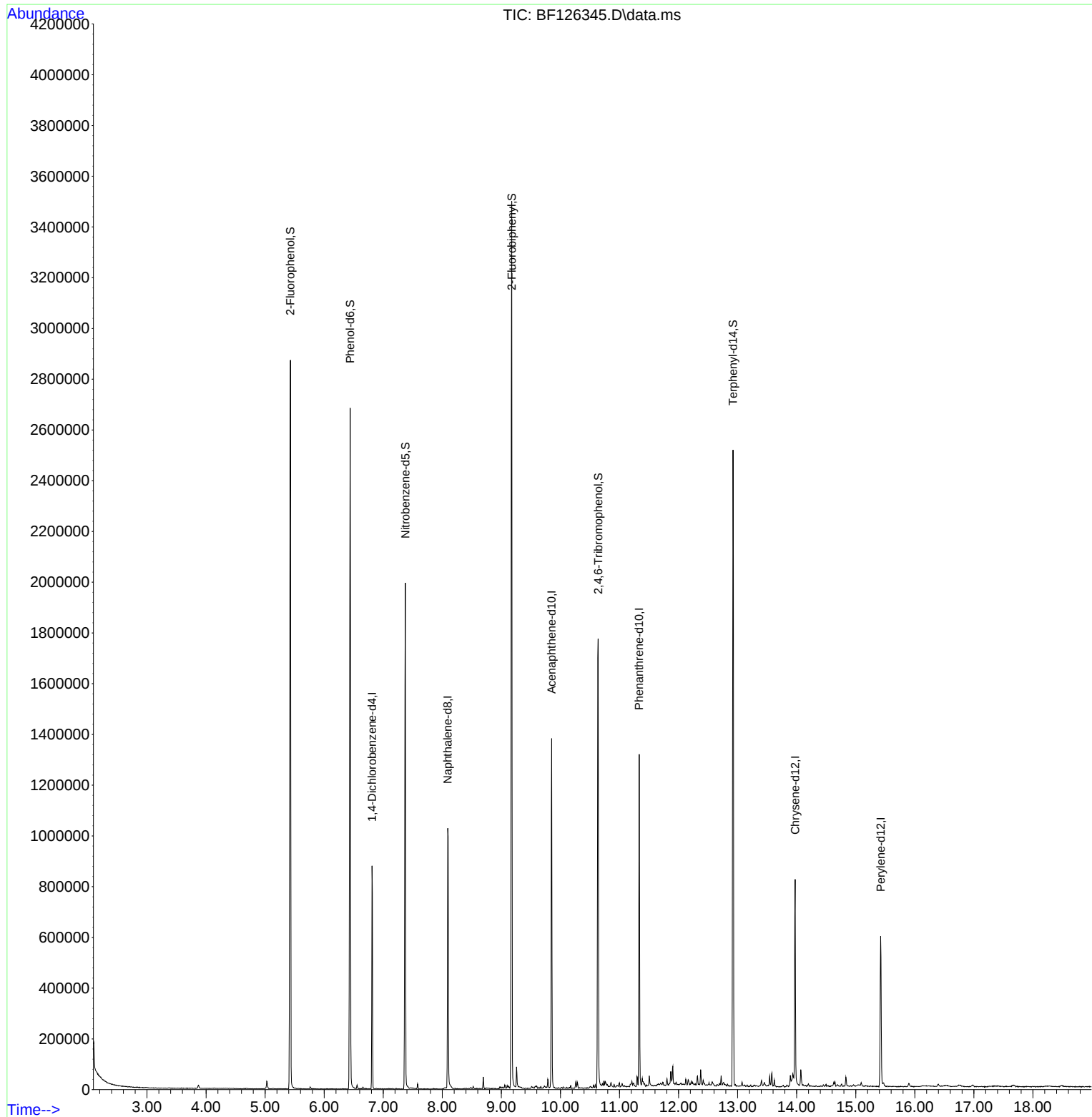
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

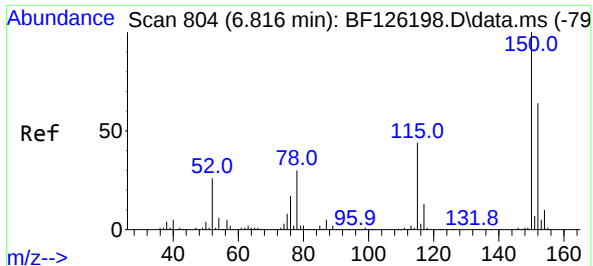
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF121521.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Dec 22 13:00:11 2021  
Response via : Initial Calibration

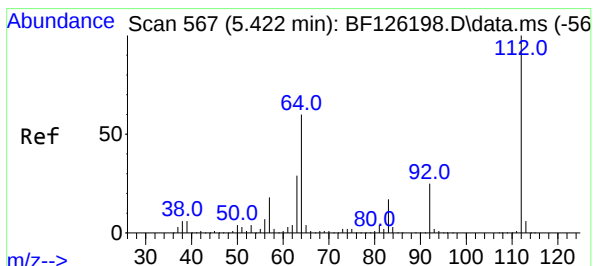
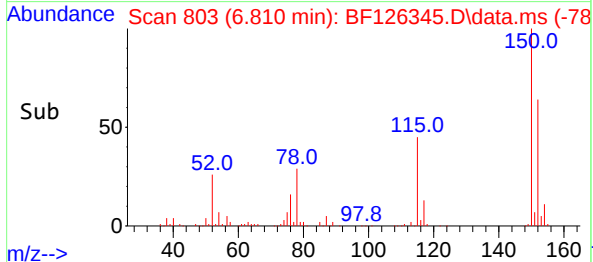
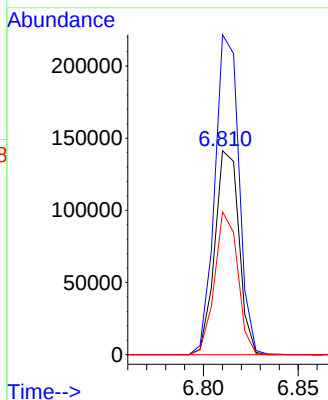
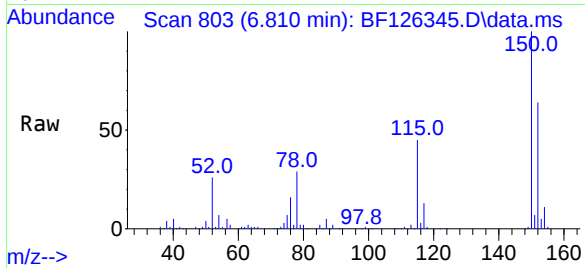




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.810 min Scan# 804  
Delta R.T. -0.006 min  
Lab File: BF126345.D  
Acq: 23 Dec 2021 15:38

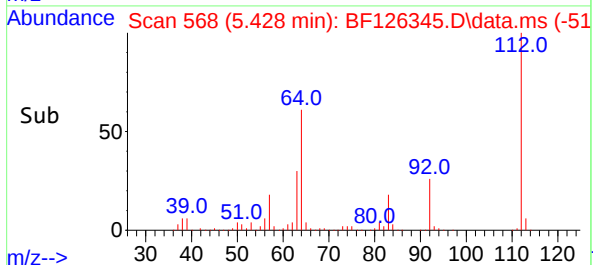
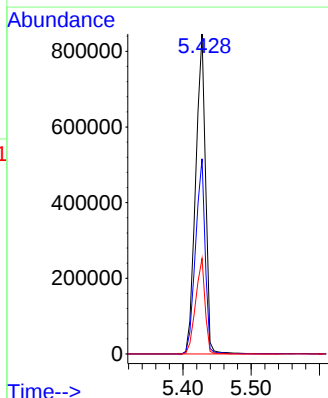
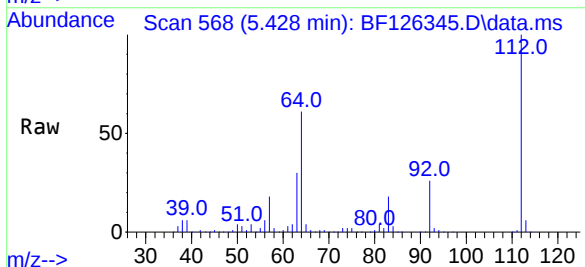
Instrument :  
BNA\_F  
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SASP2-119-1-40-57

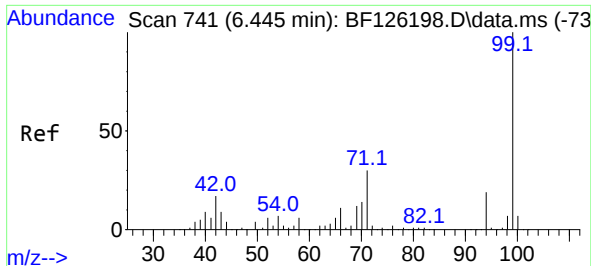
Tgt Ion:152 Resp: 125269  
Ion Ratio Lower Upper  
152 100  
150 156.8 117.6 176.4  
115 70.1 47.1 70.7



#5  
2-Fluorophenol  
Concen: 99.624 ng  
RT: 5.428 min Scan# 568  
Delta R.T. -0.000 min  
Lab File: BF126345.D  
Acq: 23 Dec 2021 15:38

Tgt Ion:112 Resp: 847438  
Ion Ratio Lower Upper  
112 100  
64 61.0 44.2 66.2  
63 29.9 26.2 39.2

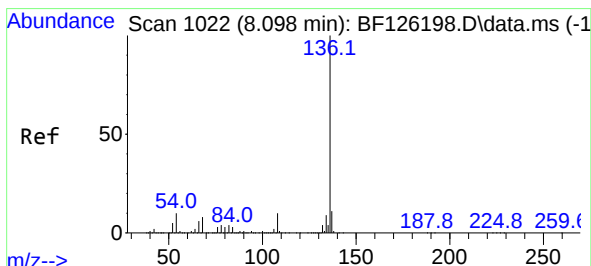
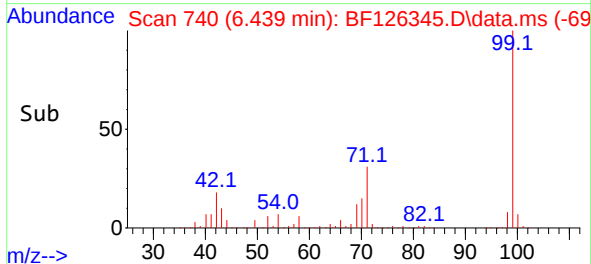
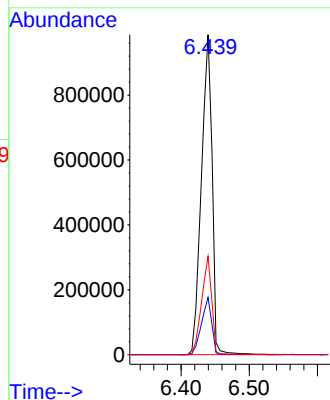
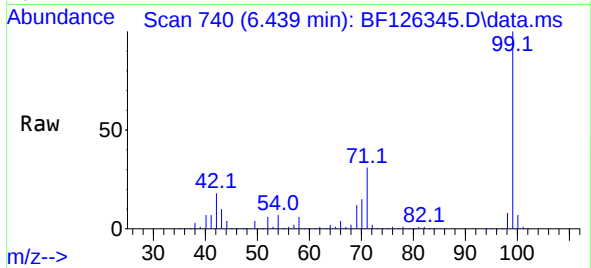




#7  
Phenol-d6  
Concen: 99.479 ng  
RT: 6.439 min Scan# 741  
Delta R.T. -0.006 min  
Lab File: BF126345.D  
Acq: 23 Dec 2021 15:38

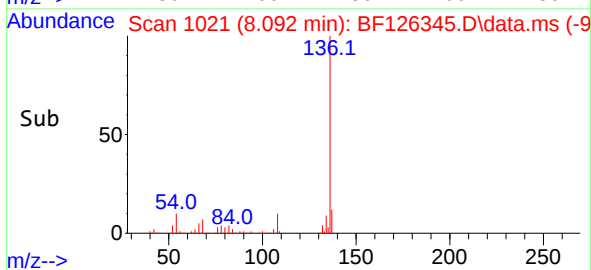
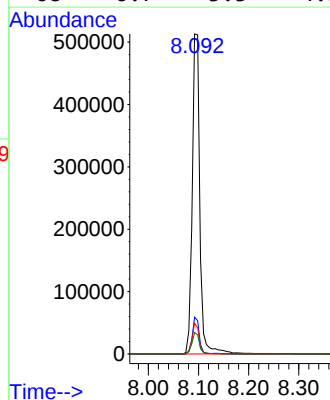
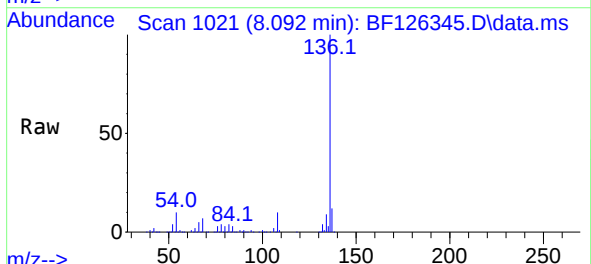
Instrument :  
BNA\_F  
ClientSampleId :  
SASP2-119-1-40-57

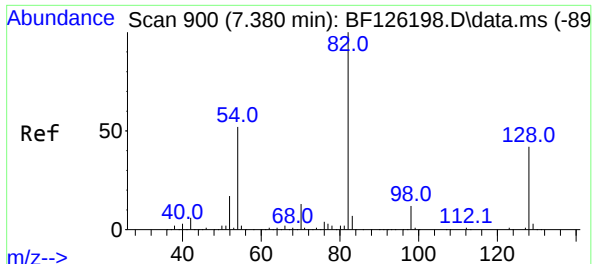
Tgt Ion: 99 Resp: 1074462  
Ion Ratio Lower Upper  
99 100  
42 17.9 23.5 35.3#  
71 30.7 25.6 38.4



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.092 min Scan# 1021  
Delta R.T. -0.012 min  
Lab File: BF126345.D  
Acq: 23 Dec 2021 15:38

Tgt Ion: 136 Resp: 540993  
Ion Ratio Lower Upper  
136 100  
137 11.5 9.8 14.6  
54 9.6 6.4 9.6#  
68 6.7 3.3 4.9#

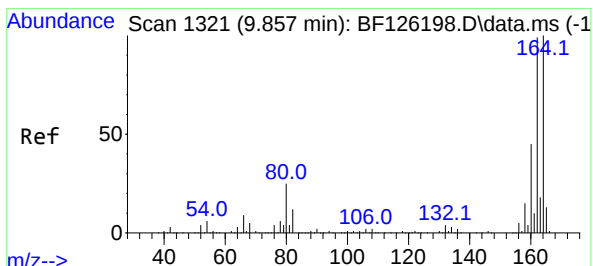
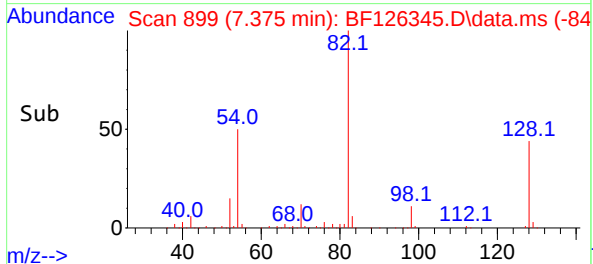
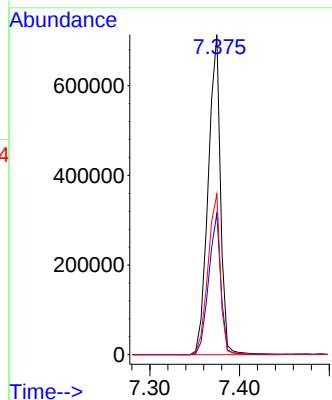
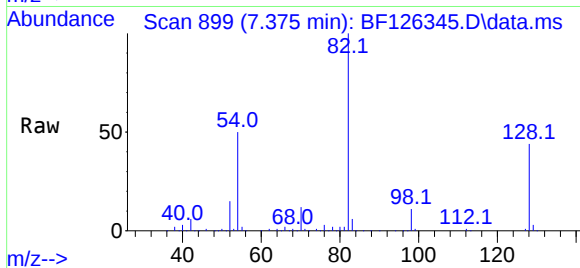




#23  
Nitrobenzene-d5  
Concen: 67.933 ng  
RT: 7.375 min Scan# 89  
Delta R.T. -0.006 min  
Lab File: BF126345.D  
Acq: 23 Dec 2021 15:38

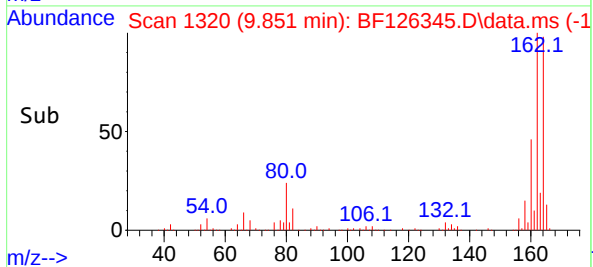
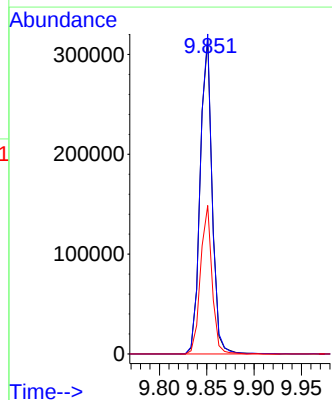
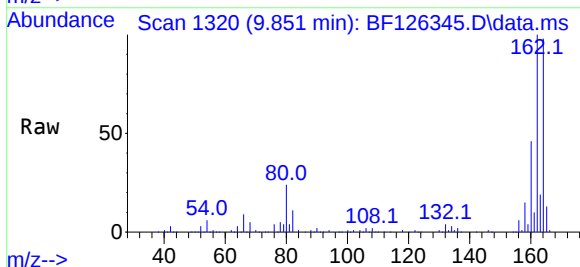
Instrument :  
BNA\_F  
ClientSampleId :  
SASP2-119-1-40-57

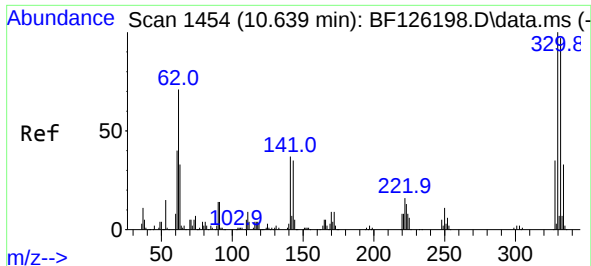
Tgt Ion: 82 Resp: 678578  
Ion Ratio Lower Upper  
82 100  
128 44.1 40.6 60.8  
54 50.2 49.6 74.4



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.851 min Scan# 1320  
Delta R.T. -0.006 min  
Lab File: BF126345.D  
Acq: 23 Dec 2021 15:38

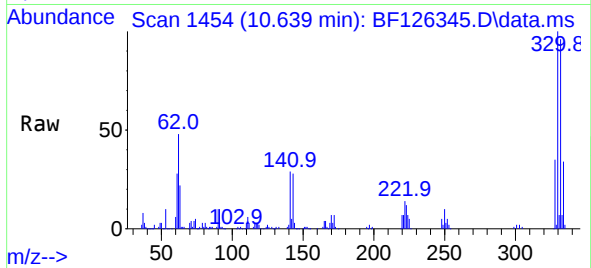
Tgt Ion: 164 Resp: 276316  
Ion Ratio Lower Upper  
164 100  
162 101.8 81.3 121.9  
160 47.2 38.0 57.0



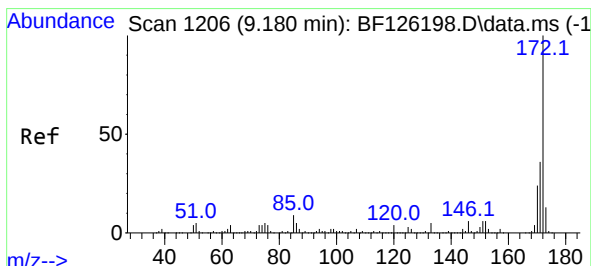
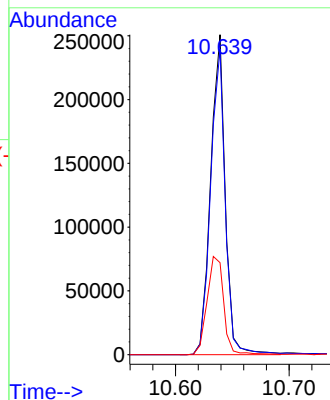
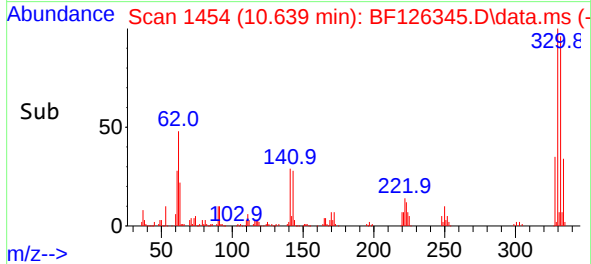


#42  
2,4,6-Tribromophenol  
Concen: 100.780 ng  
RT: 10.639 min Scan# 1454  
Delta R.T. -0.006 min  
Lab File: BF126345.D  
Acq: 23 Dec 2021 15:38

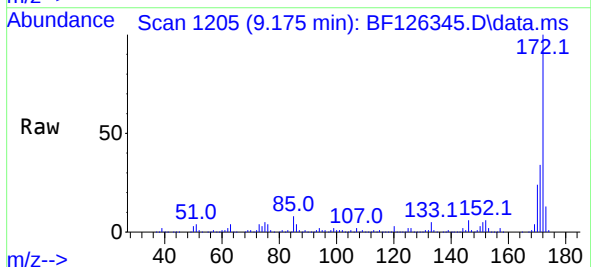
Instrument :  
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SASP2-119-1-40-57



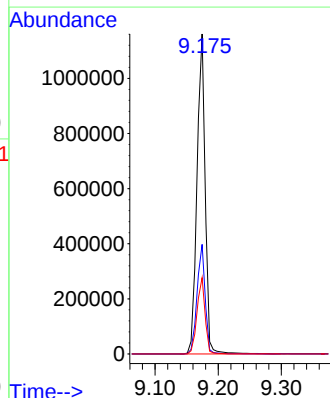
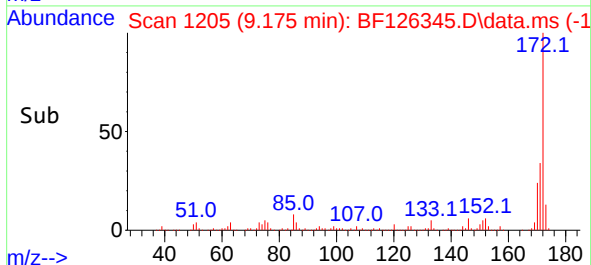
Tgt Ion:330 Resp: 223793  
Ion Ratio Lower Upper  
330 100  
332 97.1 76.2 114.4  
141 35.0 44.6 66.8#

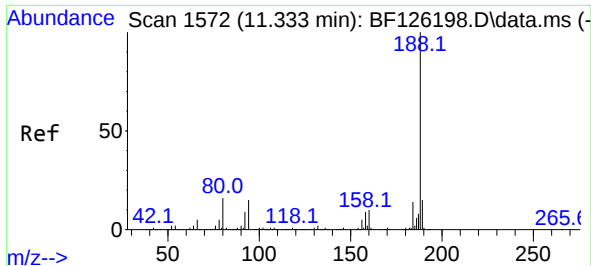


#45  
2-Fluorobiphenyl  
Concen: 66.390 ng  
RT: 9.175 min Scan# 1205  
Delta R.T. -0.006 min  
Lab File: BF126345.D  
Acq: 23 Dec 2021 15:38



Tgt Ion:172 Resp: 1045949  
Ion Ratio Lower Upper  
172 100  
171 34.2 26.5 39.7  
170 23.9 18.8 28.2

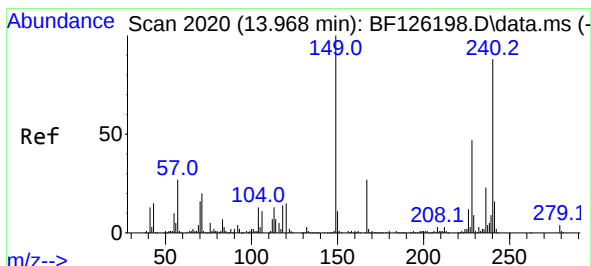
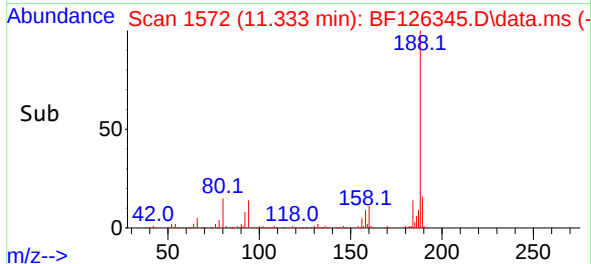
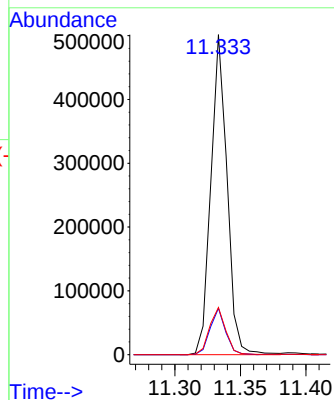
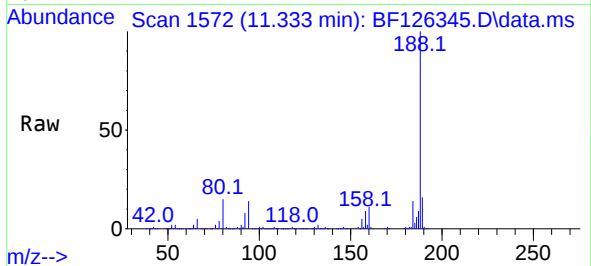




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.333 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF126345.D  
Acq: 23 Dec 2021 15:38

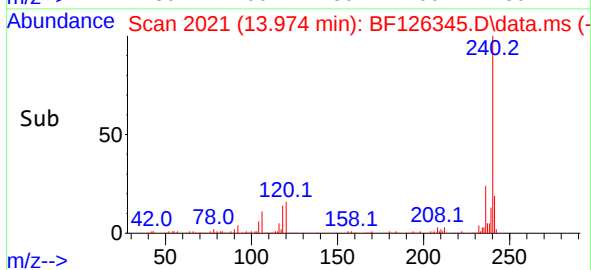
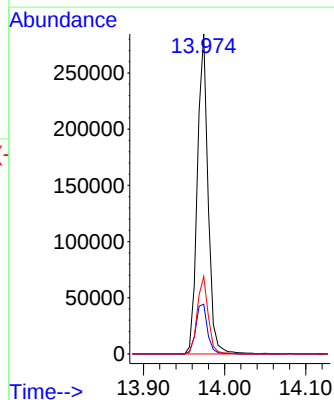
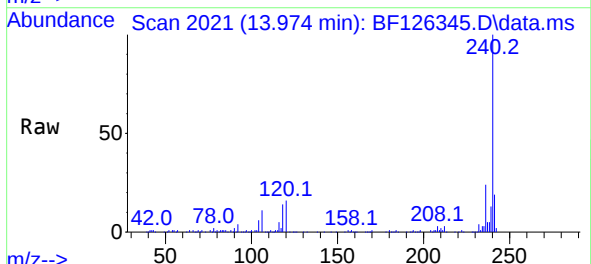
Instrument :  
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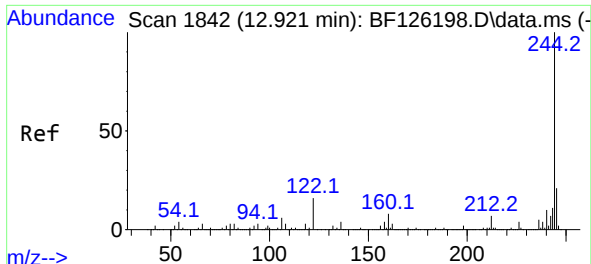
Tgt Ion:188 Resp: 431243  
Ion Ratio Lower Upper  
188 100  
94 14.5 6.7 10.1#  
80 14.7 7.5 11.3#



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.974 min Scan# 2021  
Delta R.T. -0.006 min  
Lab File: BF126345.D  
Acq: 23 Dec 2021 15:38

Tgt Ion:240 Resp: 262288  
Ion Ratio Lower Upper  
240 100  
120 15.6 10.8 16.2  
236 24.2 21.6 32.4

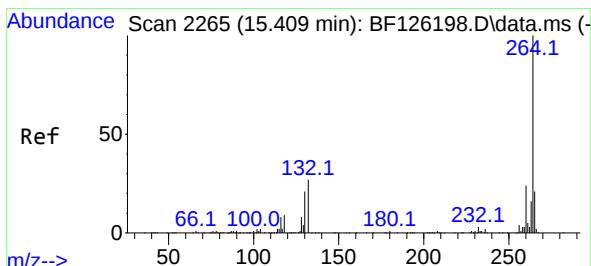
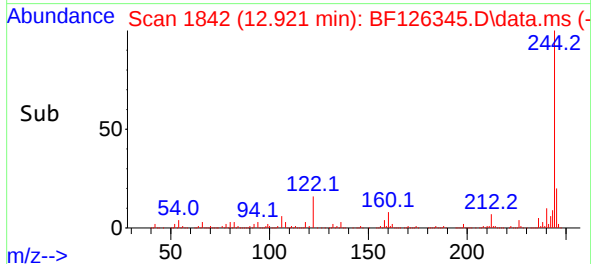
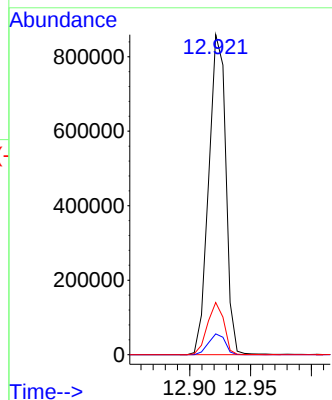
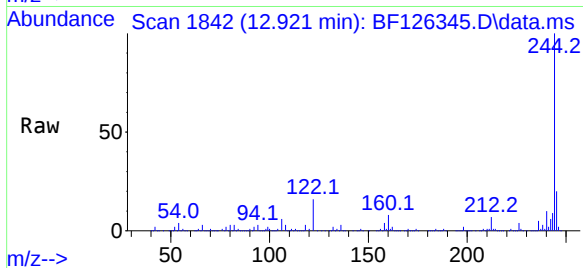




#79  
 Terphenyl-d14  
 Concen: 55.486 ng  
 RT: 12.921 min Scan# 1842  
 Delta R.T. -0.006 min  
 Lab File: BF126345.D  
 Acq: 23 Dec 2021 15:38

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SASP2-119-1-40-57

Tgt Ion:244 Resp: 837298  
 Ion Ratio Lower Upper  
 244 100  
 212 6.5 5.9 8.9  
 122 16.3 9.0 13.4#



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.421 min Scan# 2267  
 Delta R.T. -0.006 min  
 Lab File: BF126345.D  
 Acq: 23 Dec 2021 15:38

Tgt Ion:264 Resp: 255419  
 Ion Ratio Lower Upper  
 264 100  
 260 23.2 19.6 29.4  
 265 20.9 17.2 25.8

