

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP123021\  
 Data File : BP008631.D  
 Acq On : 31 Dec 2021 04:21  
 Operator : CG/JU  
 Sample : M5244-38  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 CONC-13C

Quant Time: Dec 31 08:17:54 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP122821.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Dec 30 08:44:33 2021  
 Response via : Initial Calibration

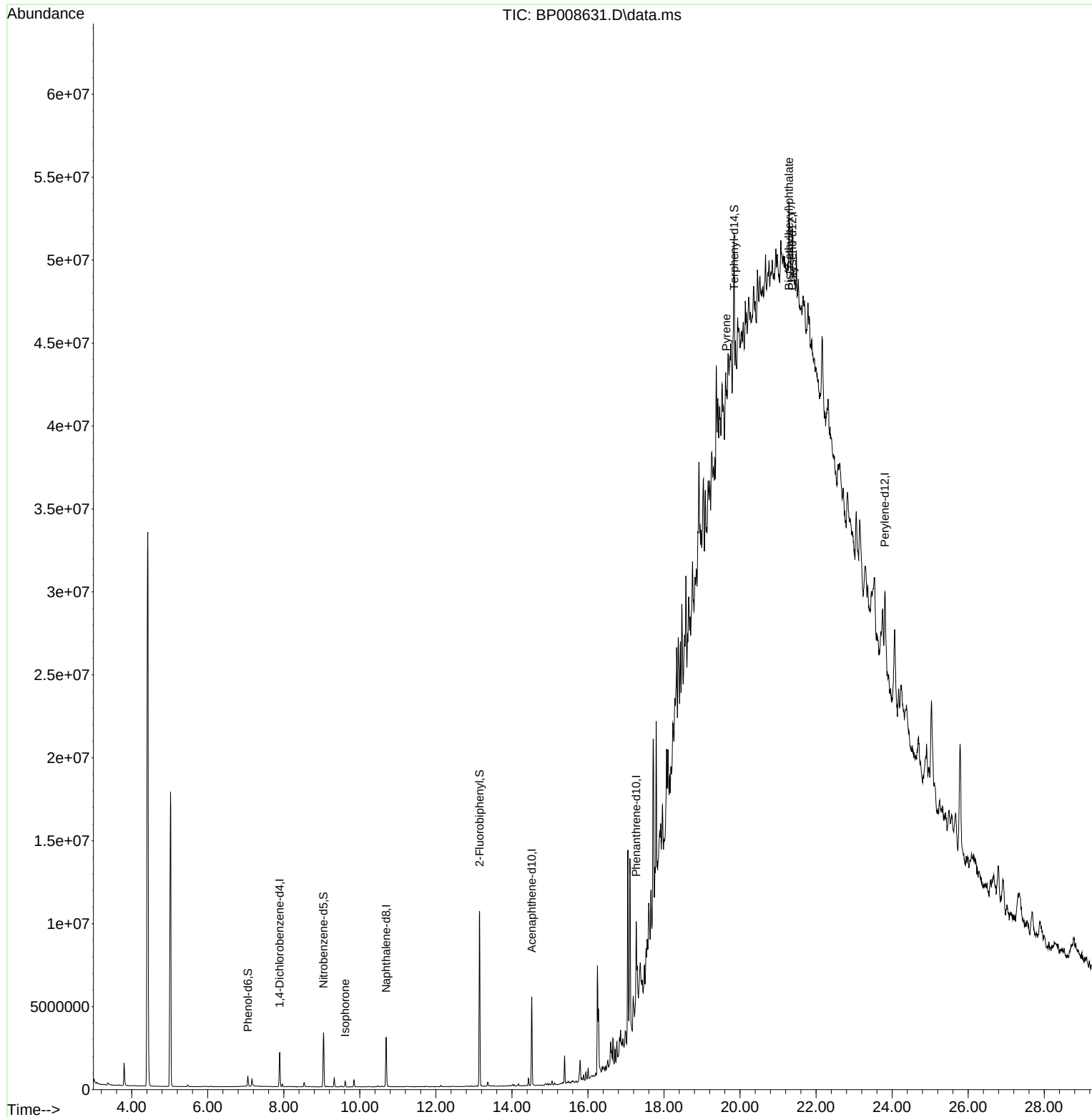
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.893  | 152  | 638769   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.693 | 136  | 2696122  | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.522 | 164  | 1903588  | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.269 | 188  | 3887290  | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 21.374 | 240  | 2470828  | 20.000 | ng    | # 0.01   |
| 86) Perylene-d12              | 23.810 | 264  | 3443545  | 20.000 | ng    | 0.02     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.469  | 112  | 55947    | 1.599  | ng    | 0.00     |
| 7) Phenol-d6                  | 7.058  | 99   | 388113   | 7.968  | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.046  | 82   | 1965256  | 43.362 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol      | 16.004 | 330  | 5541     | 0.215  | ng    | -0.01    |
| 45) 2-Fluorobiphenyl          | 13.151 | 172  | 6129998  | 46.655 | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.845 | 244  | 7017154  | 57.987 | ng    | 0.02     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 25) Isophorone                | 9.616  | 82   | 252344   | 2.981  | ng    | 98       |
| 78) Pyrene                    | 19.639 | 202  | 331847   | 2.064  | ng    | # 72     |
| 84) Bis(2-ethylhexyl)phtha... | 21.286 | 149  | 4057480  | 41.894 | ng    | # 93     |
| -----                         |        |      |          |        |       |          |

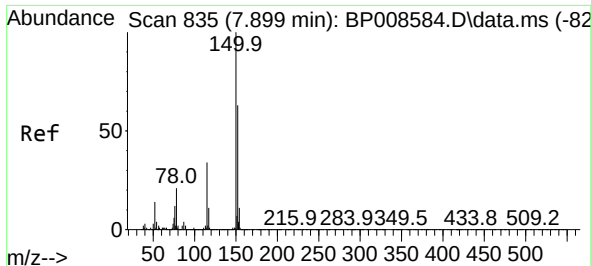
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP123021\  
Data File : BP008631.D  
Acq On : 31 Dec 2021 04:21  
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Misc :  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
CONC-13C

Quant Time: Dec 31 08:17:54 2021  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP122821.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Dec 30 08:44:33 2021  
Response via : Initial Calibration

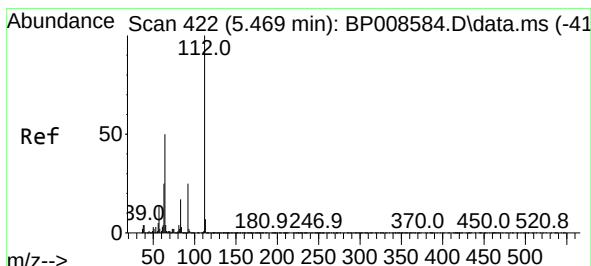
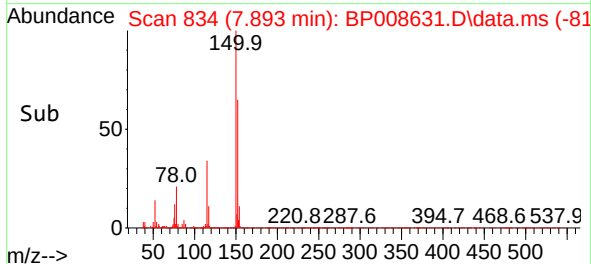
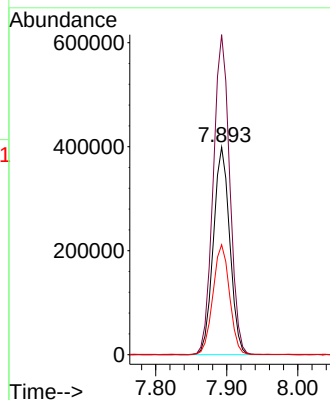
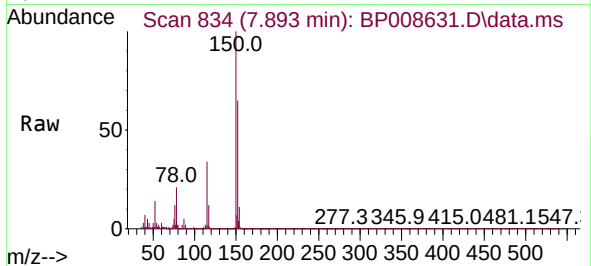




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.893 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BP008631.D  
Acq: 31 Dec 2021 04:21

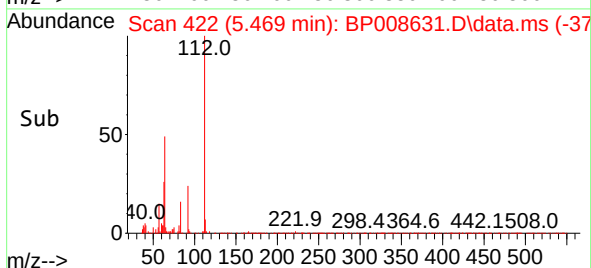
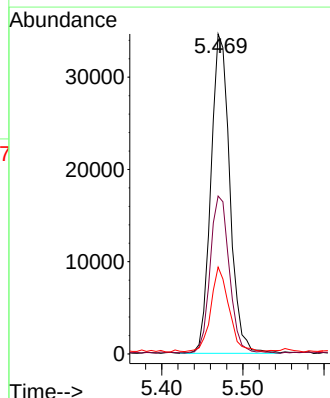
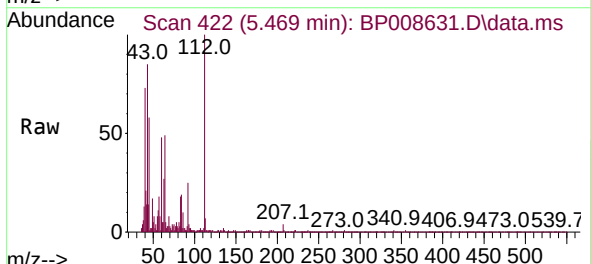
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BNA\_P  
ClientSampleId :  
CONC-13C

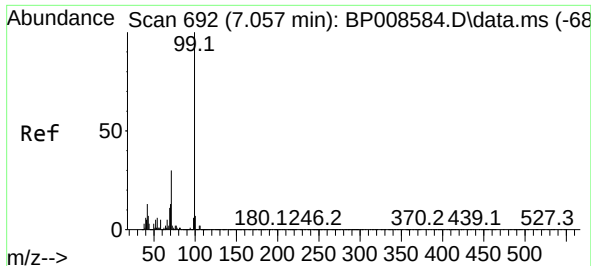
Tgt Ion:152 Resp: 638769  
Ion Ratio Lower Upper  
152 100  
150 154.2 127.0 190.6  
115 53.0 43.7 65.5



#5  
2-Fluorophenol  
Concen: 1.599 ng  
RT: 5.469 min Scan# 422  
Delta R.T. 0.000 min  
Lab File: BP008631.D  
Acq: 31 Dec 2021 04:21

Tgt Ion:112 Resp: 55947  
Ion Ratio Lower Upper  
112 100  
64 49.4 39.7 59.5  
63 27.1 20.0 30.0

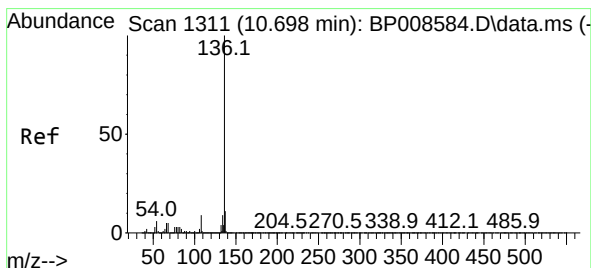
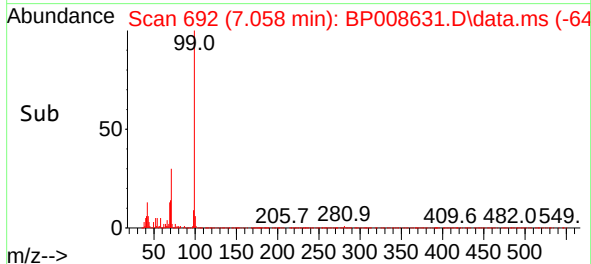
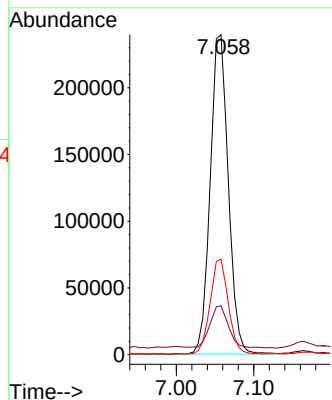
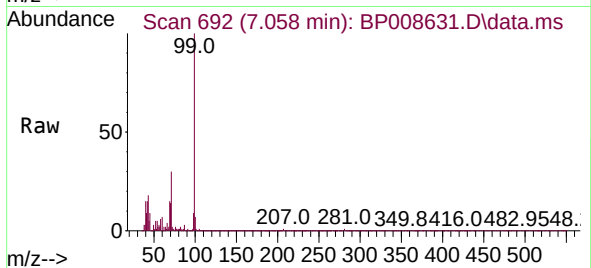




#7  
Phenol-d6  
Concen: 7.968 ng  
RT: 7.058 min Scan# 692  
Delta R.T. 0.000 min  
Lab File: BP008631.D  
Acq: 31 Dec 2021 04:21

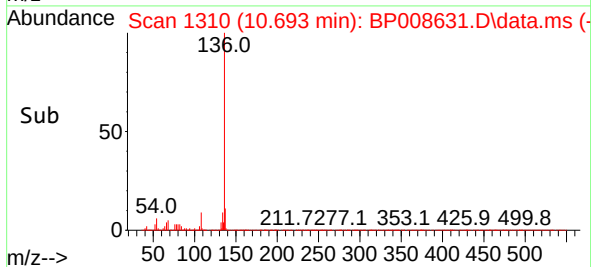
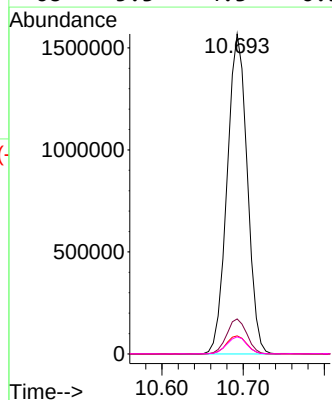
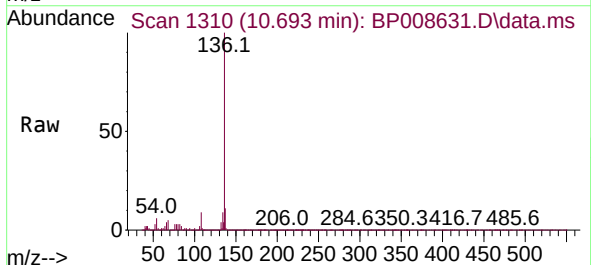
Instrument :  
BNA\_P  
ClientSampleId :  
CONC-13C

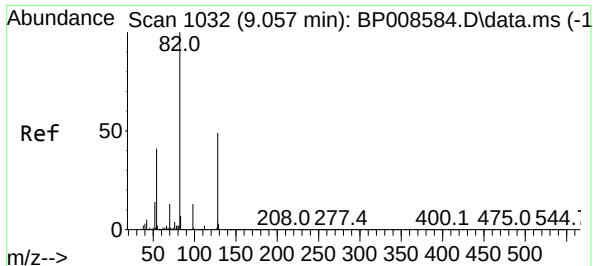
Tgt Ion: 99 Resp: 388113  
Ion Ratio Lower Upper  
99 100  
42 15.3 10.8 16.2  
71 29.8 23.8 35.6



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.693 min Scan# 1310  
Delta R.T. -0.006 min  
Lab File: BP008631.D  
Acq: 31 Dec 2021 04:21

Tgt Ion: 136 Resp: 2696122  
Ion Ratio Lower Upper  
136 100  
137 11.0 9.0 13.4  
54 5.7 4.9 7.3  
68 5.3 4.3 6.5





#23

Nitrobenzene-d5

Concen: 43.362 ng

RT: 9.046 min Scan# 1032

Delta R.T. -0.012 min

Lab File: BP008631.D

Acq: 31 Dec 2021 04:21

Instrument :

BNA\_P

ClientSampleId :

CONC-13C

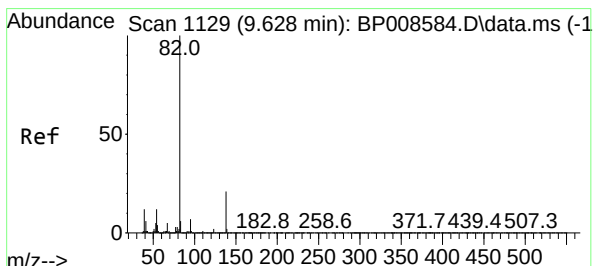
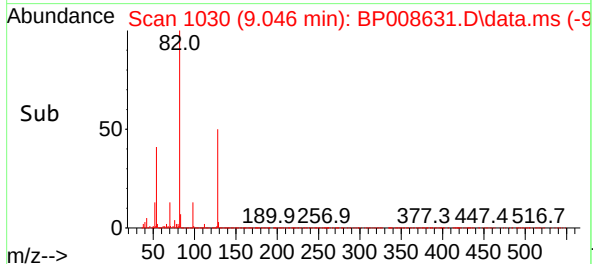
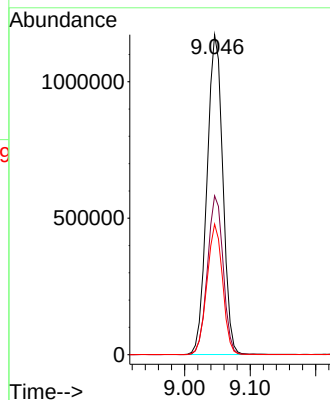
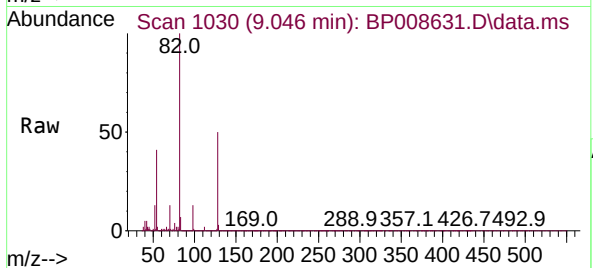
Tgt Ion: 82 Resp: 1965256

Ion Ratio Lower Upper

82 100

128 49.7 39.4 59.2

54 40.8 32.6 48.8



#25

Isophorone

Concen: 2.981 ng

RT: 9.616 min Scan# 1127

Delta R.T. -0.012 min

Lab File: BP008631.D

Acq: 31 Dec 2021 04:21

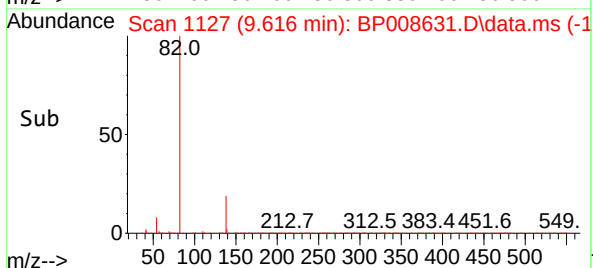
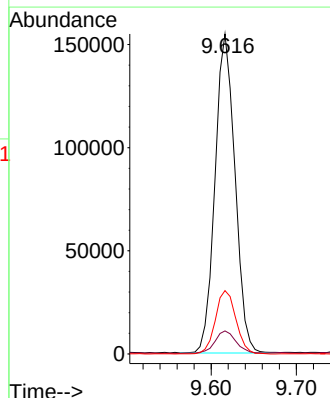
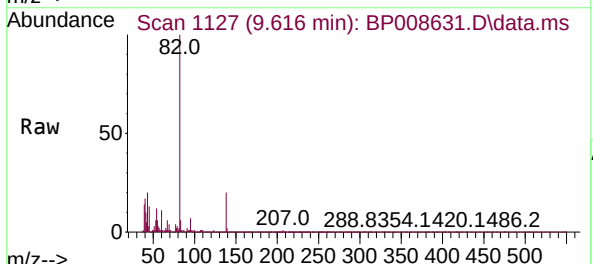
Tgt Ion: 82 Resp: 252344

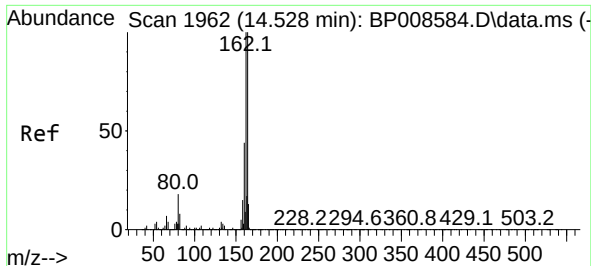
Ion Ratio Lower Upper

82 100

95 7.2 5.4 8.2

138 19.8 16.6 24.8

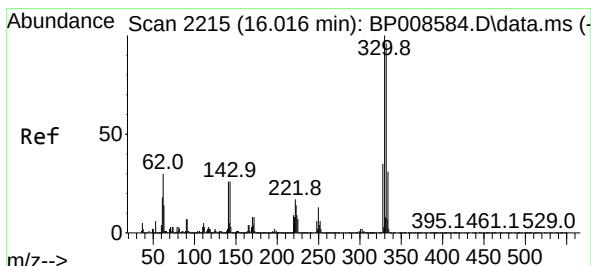
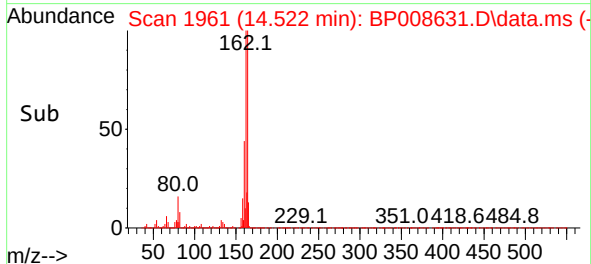
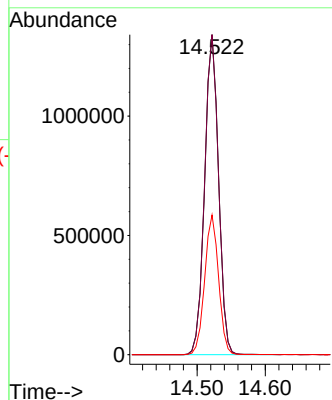
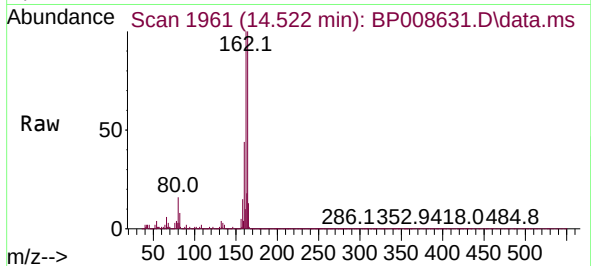




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.522 min Scan# 1962  
Delta R.T. -0.006 min  
Lab File: BP008631.D  
Acq: 31 Dec 2021 04:21

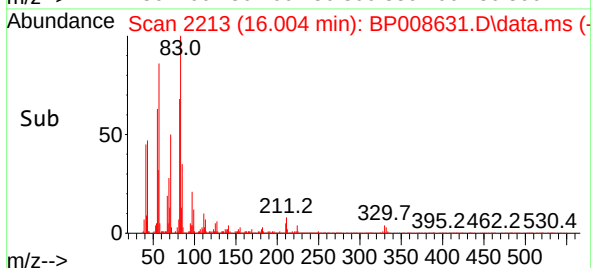
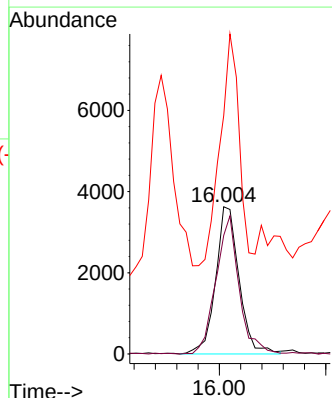
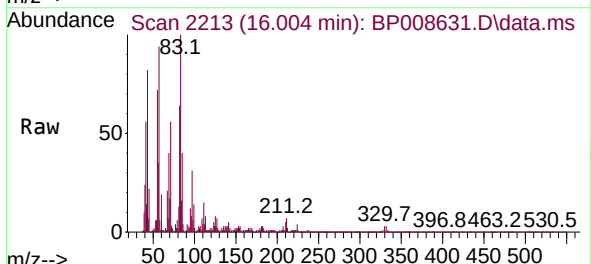
Instrument :  
BNA\_P  
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CONC-13C

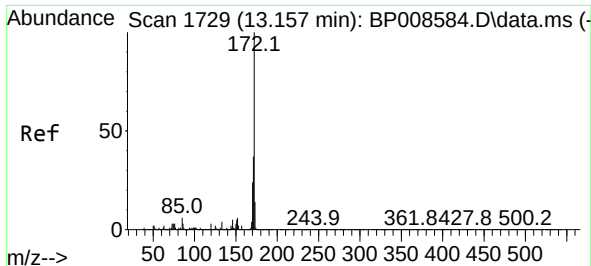
Tgt Ion:164 Resp: 1903588  
Ion Ratio Lower Upper  
164 100  
162 100.0 79.9 119.9  
160 43.7 35.5 53.3



#42  
2,4,6-Tribromophenol  
Concen: 0.215 ng  
RT: 16.004 min Scan# 2213  
Delta R.T. -0.012 min  
Lab File: BP008631.D  
Acq: 31 Dec 2021 04:21

Tgt Ion:330 Resp: 5541  
Ion Ratio Lower Upper  
330 100  
332 92.3 77.0 115.4  
141 128.3 21.3 31.9#

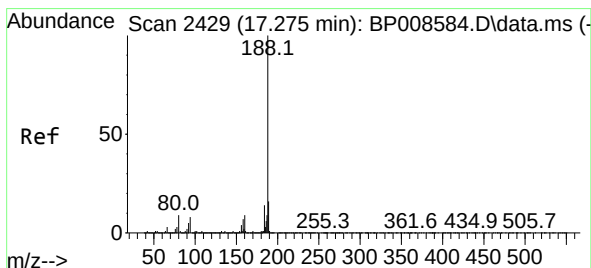
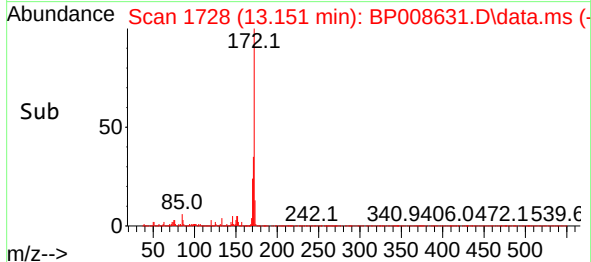
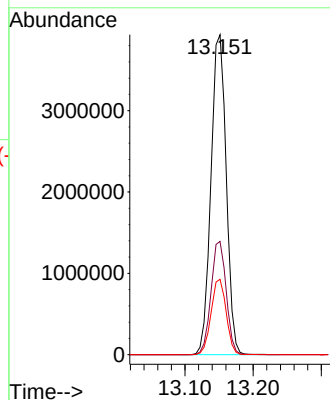
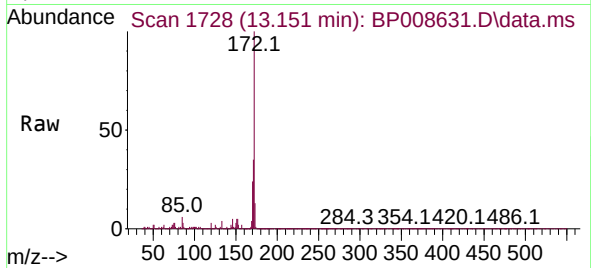




#45  
2-Fluorobiphenyl  
Concen: 46.655 ng  
RT: 13.151 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BP008631.D  
Acq: 31 Dec 2021 04:21

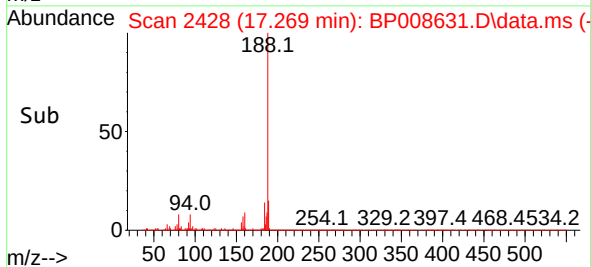
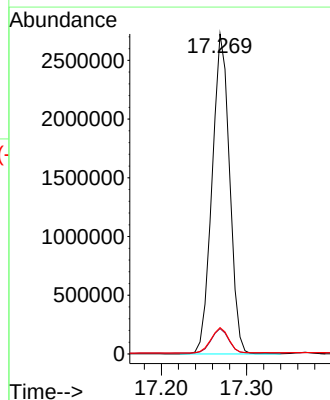
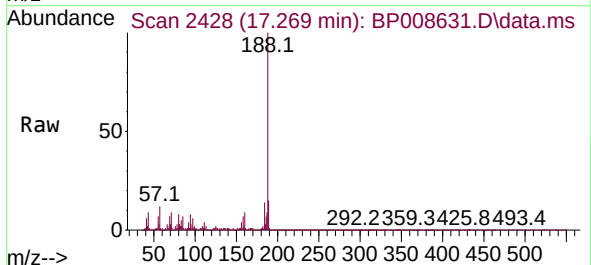
Instrument :  
BNA\_P  
ClientSampleId :  
CONC-13C

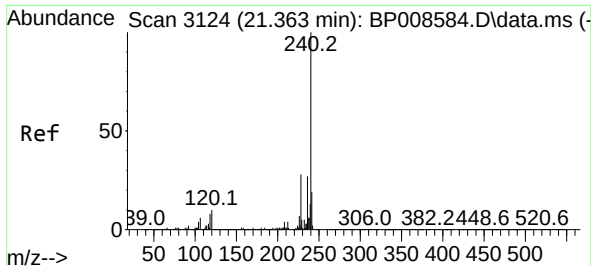
Tgt Ion:172 Resp: 6129998  
Ion Ratio Lower Upper  
172 100  
171 35.4 29.3 43.9  
170 23.6 19.5 29.3



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.269 min Scan# 2428  
Delta R.T. -0.006 min  
Lab File: BP008631.D  
Acq: 31 Dec 2021 04:21

Tgt Ion:188 Resp: 3887290  
Ion Ratio Lower Upper  
188 100  
94 8.0 6.8 10.2  
80 8.2 7.2 10.8

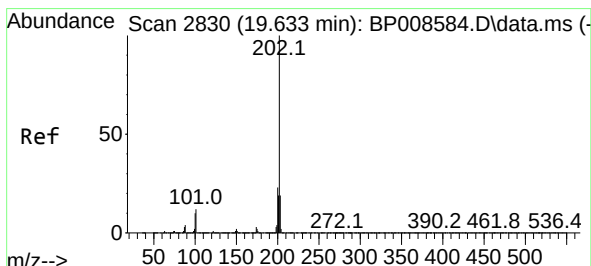
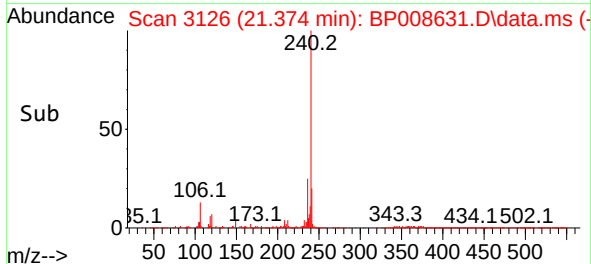
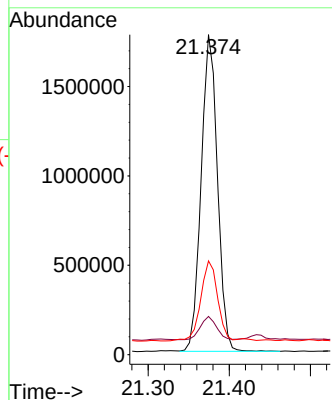
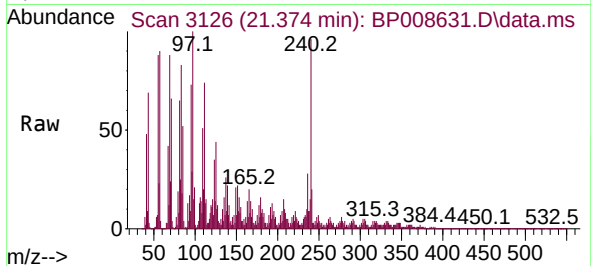




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.374 min Scan# 3124  
Delta R.T. 0.011 min  
Lab File: BP008631.D  
Acq: 31 Dec 2021 04:21

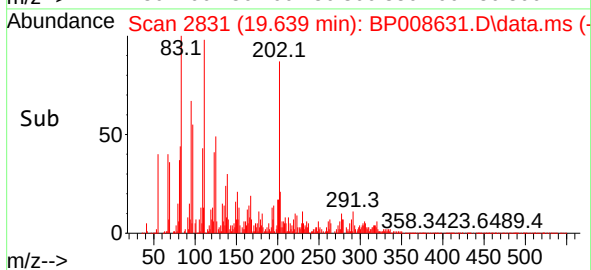
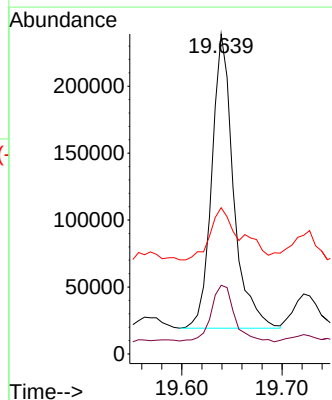
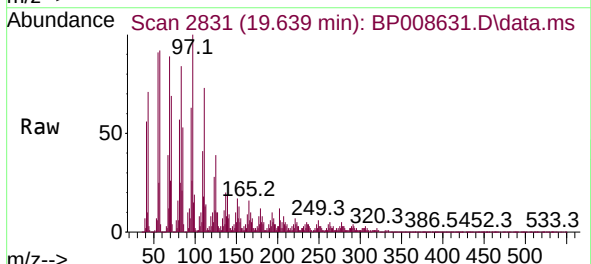
Instrument :  
BNA\_P  
ClientSampleId :  
CONC-13C

Tgt Ion:240 Resp: 2470828  
Ion Ratio Lower Upper  
240 100  
120 12.0 7.7 11.5#  
236 29.3 21.2 31.8

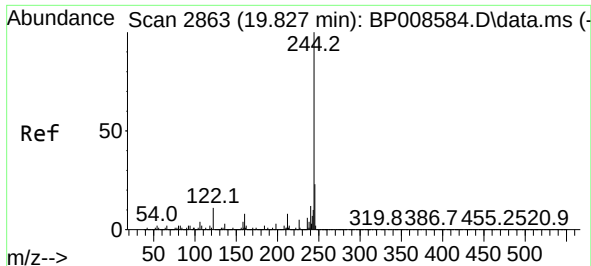


#78  
Pyrene  
Concen: 2.064 ng  
RT: 19.639 min Scan# 2831  
Delta R.T. 0.006 min  
Lab File: BP008631.D  
Acq: 31 Dec 2021 04:21

Tgt Ion:202 Resp: 331847  
Ion Ratio Lower Upper  
202 100  
200 21.4 18.0 27.0  
203 45.7 15.0 22.6#



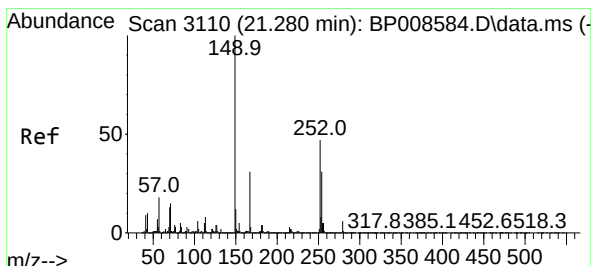
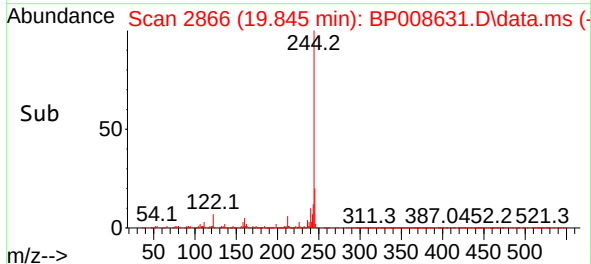
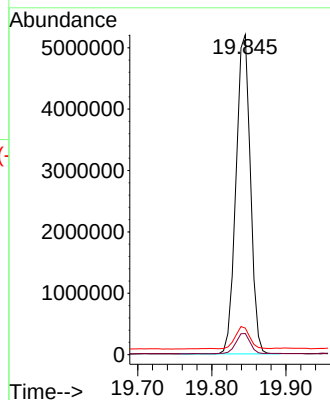
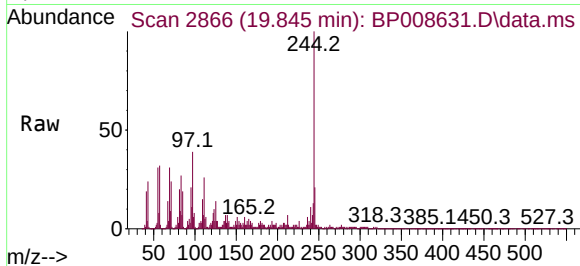




#79  
 Terphenyl-d14  
 Concen: 57.987 ng  
 RT: 19.845 min Scan# 21  
 Delta R.T. 0.018 min  
 Lab File: BP008631.D  
 Acq: 31 Dec 2021 04:21

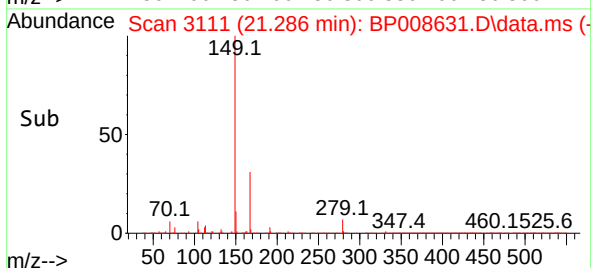
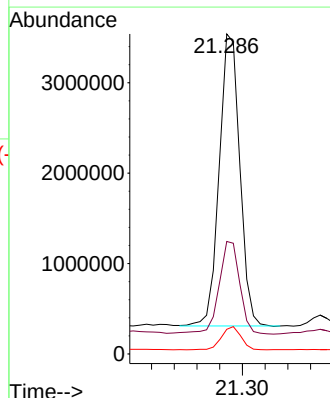
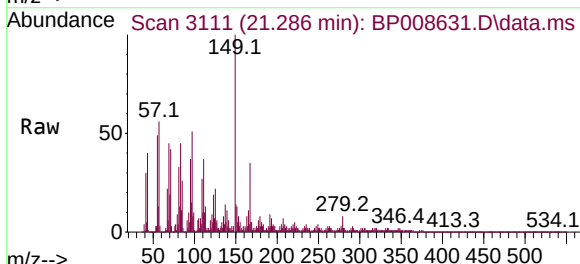
Instrument :  
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 ClientSampleId :  
 CONC-13C

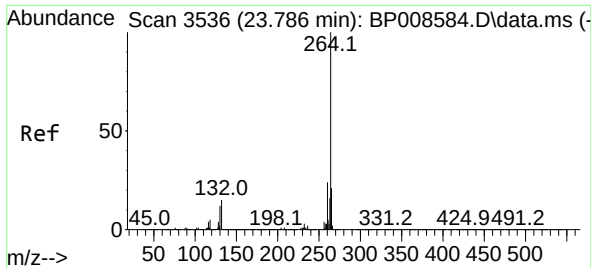
Tgt Ion:244 Resp: 7017154  
 Ion Ratio Lower Upper  
 244 100  
 212 6.6 6.5 9.7  
 122 8.3 9.2 13.8#



#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 41.894 ng  
 RT: 21.286 min Scan# 3111  
 Delta R.T. 0.006 min  
 Lab File: BP008631.D  
 Acq: 31 Dec 2021 04:21

Tgt Ion:149 Resp: 4057480  
 Ion Ratio Lower Upper  
 149 100  
 167 35.2 25.0 37.4  
 279 7.7 4.8 7.2#





#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 23.810 min Scan# 31  
 Delta R.T. 0.024 min  
 Lab File: BP008631.D  
 Acq: 31 Dec 2021 04:21

Instrument :  
 BNA\_P  
 ClientSampleId :  
 CONC-13C

Tgt Ion:264 Resp: 3443545  
 Ion Ratio Lower Upper  
 264 100  
 260 25.0 19.1 28.7  
 265 23.6 17.1 25.7

