

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF010422\  
 Data File : BF126488.D  
 Acq On : 5 Jan 2022 1:46  
 Operator : JU/CG  
 Sample : M5330-02  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 DB-24-(20-25)-12-29-21

Quant Time: Jan 05 03:11:36 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF122921.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jan 05 01:57:07 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.781  | 152  | 125636   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.063  | 136  | 533883   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.822  | 164  | 248467   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.304 | 188  | 400109   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 13.939 | 240  | 276120   | 20.000  | ng    | -0.01    |
| 86) Perylene-d12            | 15.380 | 264  | 237015   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.404  | 112  | 834415   | 95.376  | ng    | 0.01     |
| 7) Phenol-d6                | 6.416  | 99   | 1059251  | 93.480  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.345  | 82   | 676835   | 65.095  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.610 | 330  | 214511   | 111.724 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.145  | 172  | 964008   | 68.274  | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.892 | 244  | 831006   | 58.474  | ng    | 0.00     |

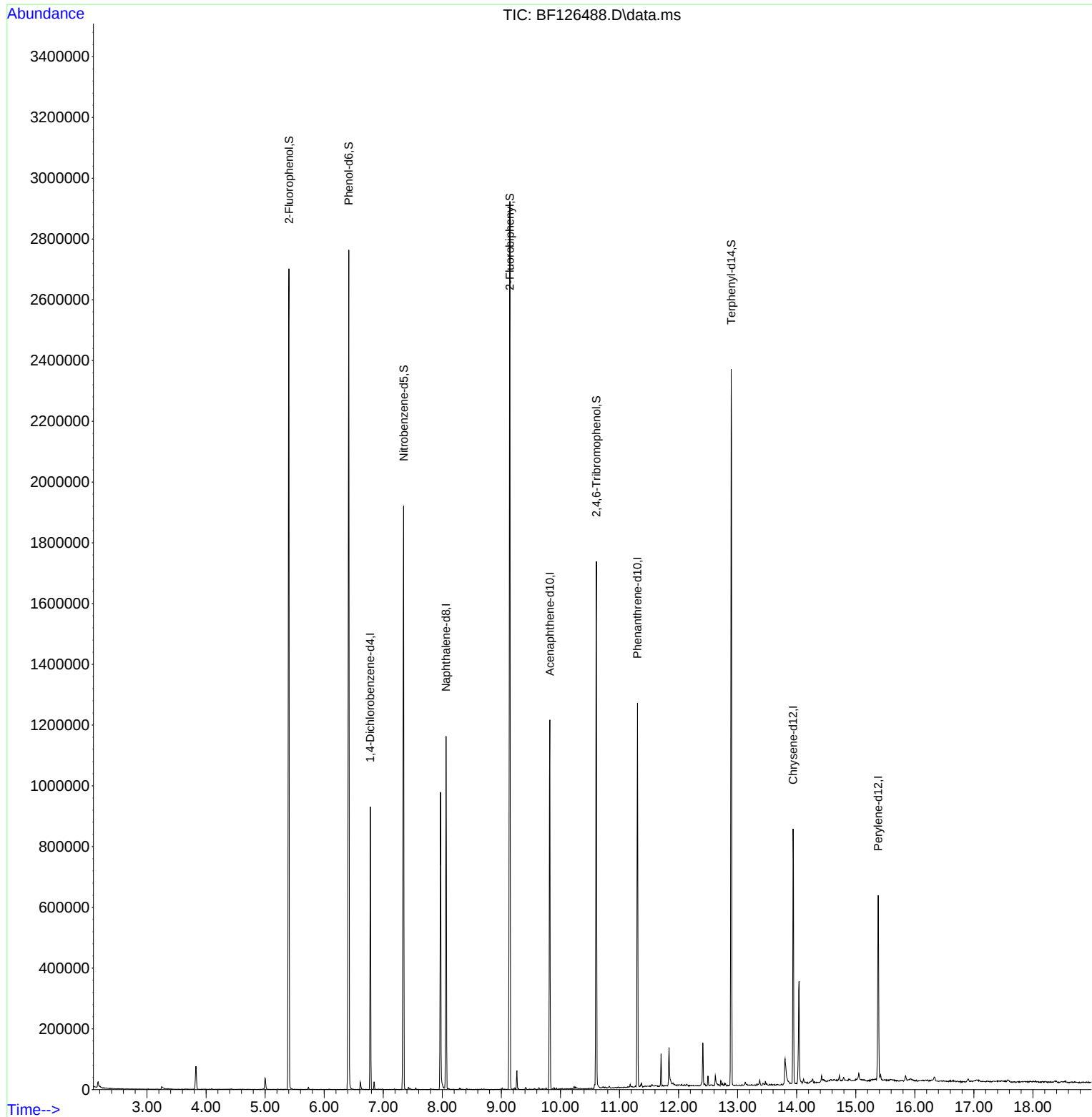
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

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

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Quant Time: Jan 05 03:11:36 2022  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF122921.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Jan 05 01:57:07 2022  
Response via : Initial Calibration

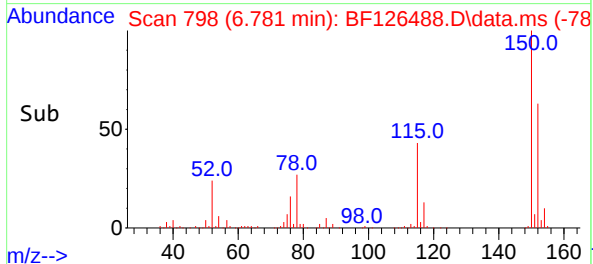
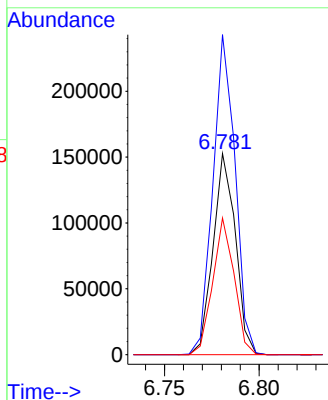
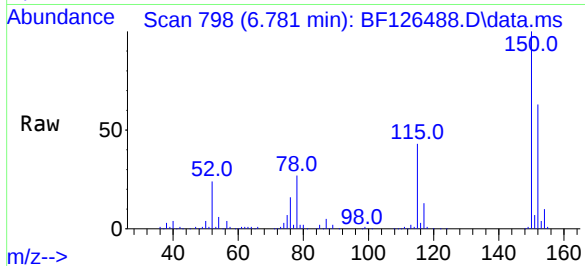




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.781 min Scan# 79  
Delta R.T. -0.005 min  
Lab File: BF126488.D  
Acq: 5 Jan 2022 1:46

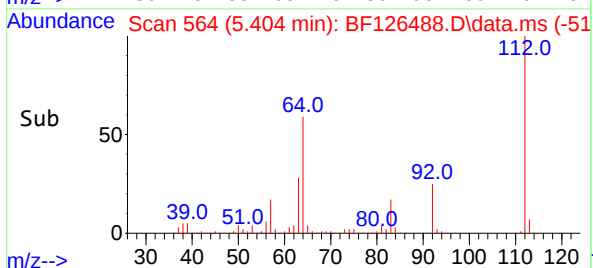
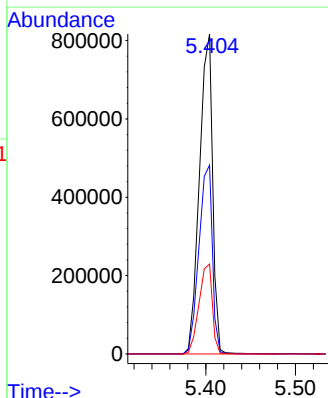
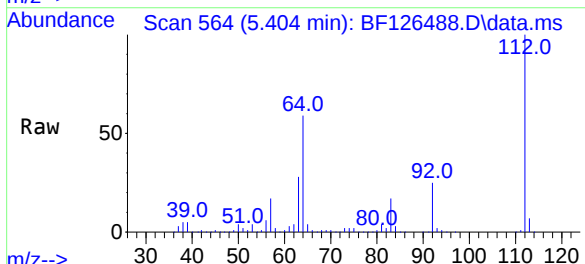
Instrument :  
BNA\_F  
ClientSampleId :  
DB-24-(20-25)-12-29-21

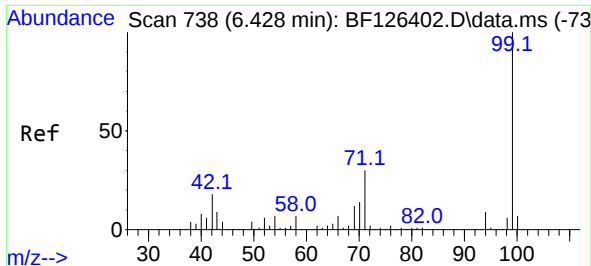
Tgt Ion:152 Resp: 125636  
Ion Ratio Lower Upper  
152 100  
150 159.1 128.1 192.1  
115 68.0 56.7 85.1



#5  
2-Fluorophenol  
Concen: 95.376 ng  
RT: 5.404 min Scan# 564  
Delta R.T. 0.012 min  
Lab File: BF126488.D  
Acq: 5 Jan 2022 1:46

Tgt Ion:112 Resp: 834415  
Ion Ratio Lower Upper  
112 100  
64 59.0 49.5 74.3  
63 28.1 23.9 35.9



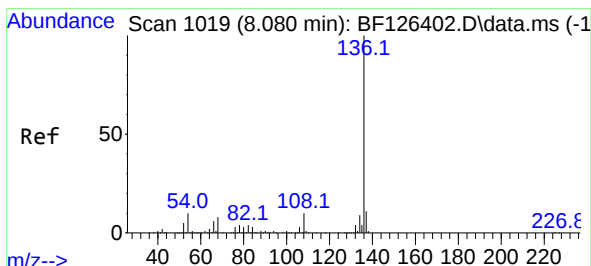
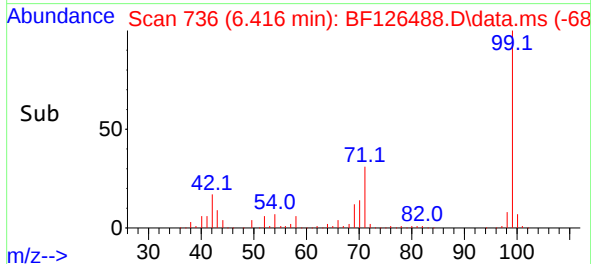
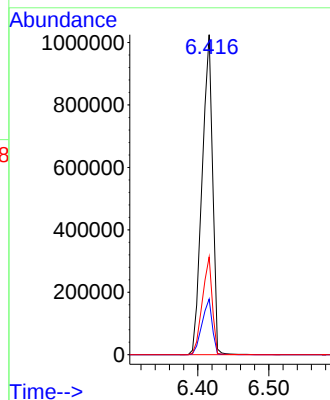
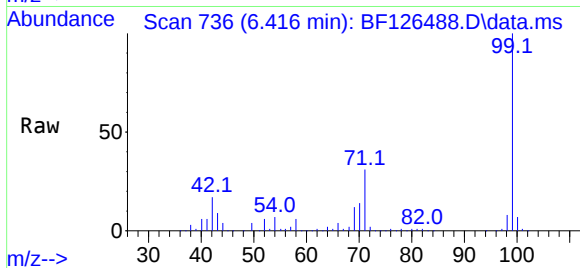


#7  
Phenol-d6  
Concen: 93.480 ng  
RT: 6.416 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BF126488.D  
Acq: 5 Jan 2022 1:46

Instrument :  
BNA\_F  
ClientSampleId :  
DB-24-(20-25)-12-29-21

Tgt Ion: 99 Resp: 1059251

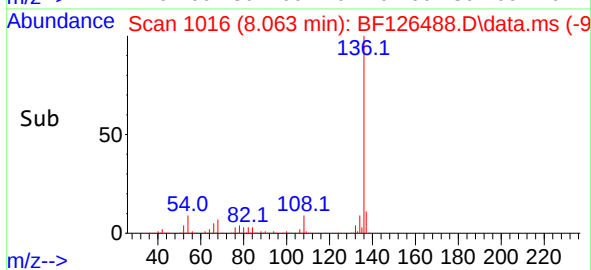
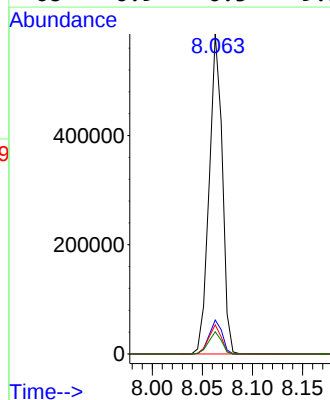
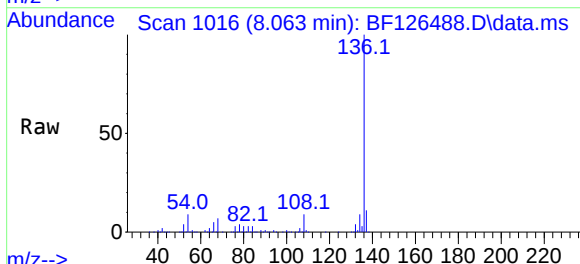
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 17.4  | 14.2  | 21.4  |
| 71  | 30.6  | 24.3  | 36.5  |

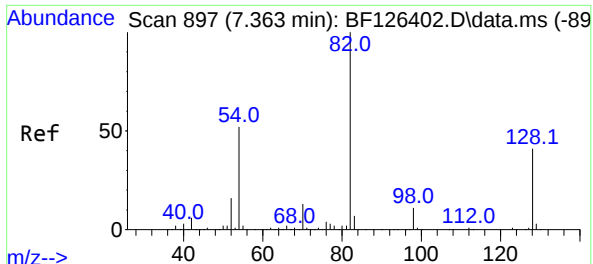


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.063 min Scan# 1016  
Delta R.T. -0.006 min  
Lab File: BF126488.D  
Acq: 5 Jan 2022 1:46

Tgt Ion: 136 Resp: 533883

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 10.6  | 8.6   | 13.0  |
| 54  | 9.1   | 7.8   | 11.6  |
| 68  | 6.9   | 6.3   | 9.5   |

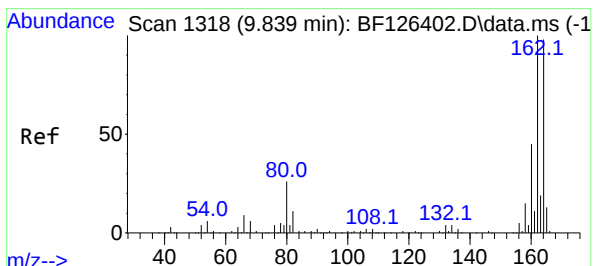
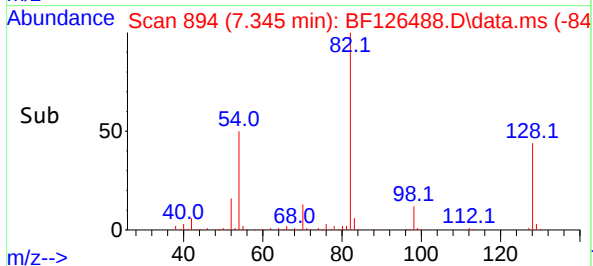
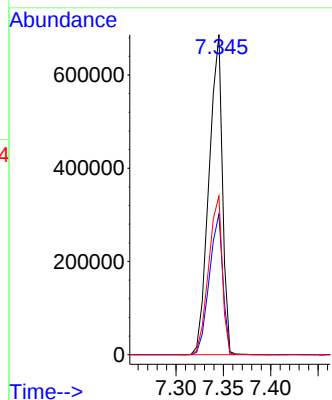
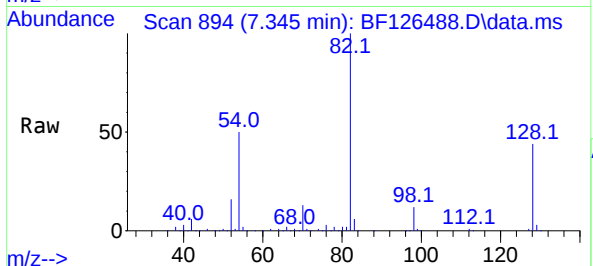




#23  
Nitrobenzene-d5  
Concen: 65.095 ng  
RT: 7.345 min Scan# 89  
Delta R.T. -0.006 min  
Lab File: BF126488.D  
Acq: 5 Jan 2022 1:46

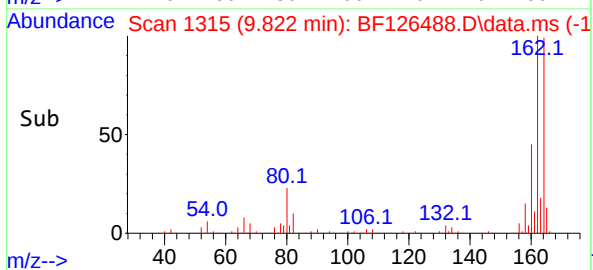
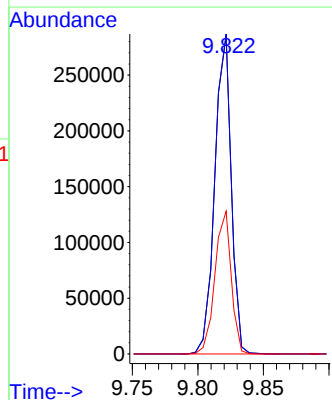
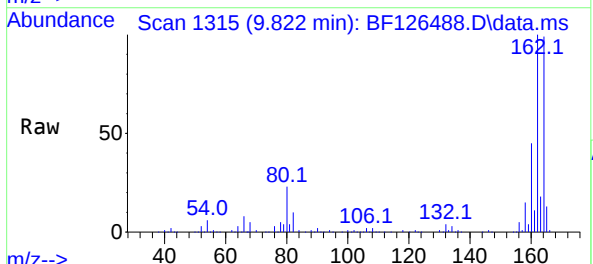
Instrument :  
BNA\_F  
ClientSampleId :  
DB-24-(20-25)-12-29-21

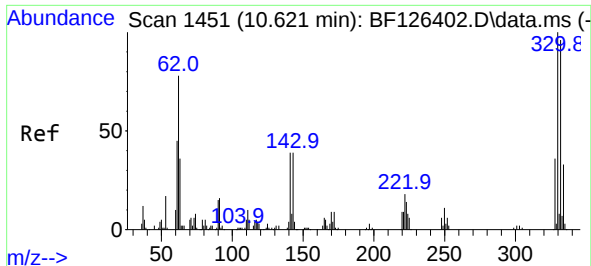
Tgt Ion: 82 Resp: 676835  
Ion Ratio Lower Upper  
82 100  
128 43.9 32.7 49.1  
54 49.6 41.7 62.5



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.822 min Scan# 1315  
Delta R.T. -0.006 min  
Lab File: BF126488.D  
Acq: 5 Jan 2022 1:46

Tgt Ion:164 Resp: 248467  
Ion Ratio Lower Upper  
164 100  
162 100.6 81.4 122.0  
160 44.9 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 111.724 ng

RT: 10.610 min Scan# 1451

Delta R.T. -0.006 min

Lab File: BF126488.D

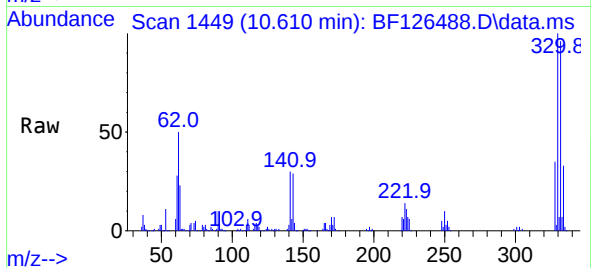
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Instrument :

BNA\_F

ClientSampleId :

DB-24-(20-25)-12-29-21



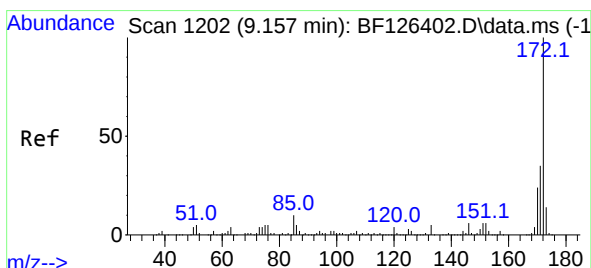
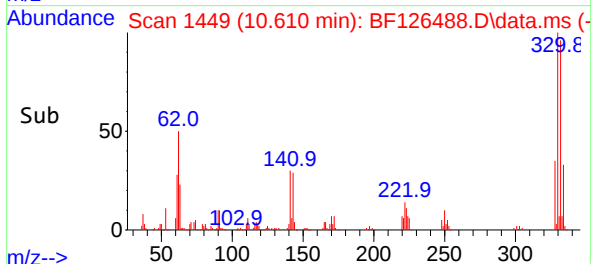
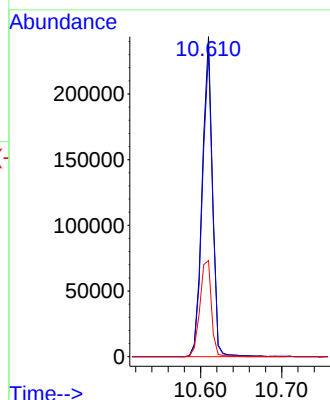
Tgt Ion:330 Resp: 214511

Ion Ratio Lower Upper

330 100

332 94.8 76.0 114.0

141 33.6 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 68.274 ng

RT: 9.145 min Scan# 1200

Delta R.T. -0.006 min

Lab File: BF126488.D

Acq: 5 Jan 2022 1:46

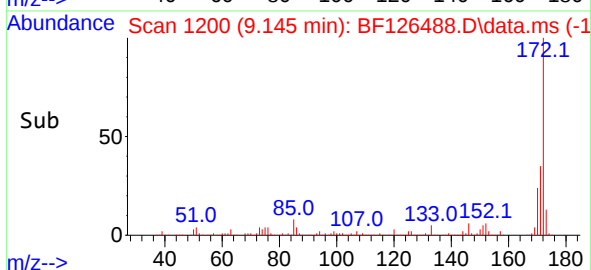
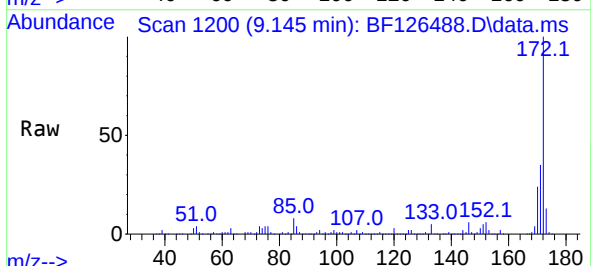
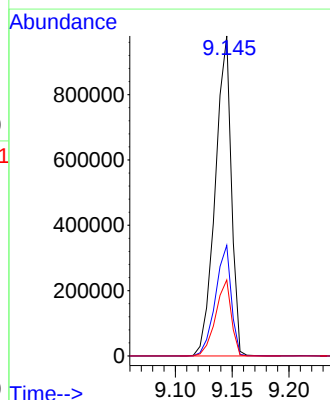
Tgt Ion:172 Resp: 964008

Ion Ratio Lower Upper

172 100

171 34.6 28.3 42.5

170 23.7 19.0 28.6

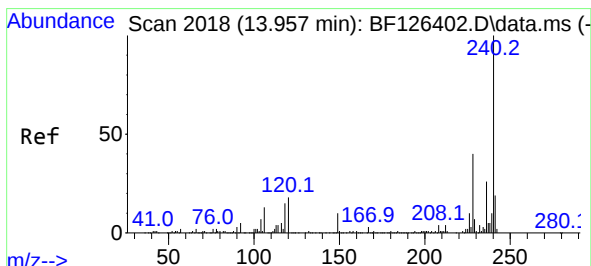
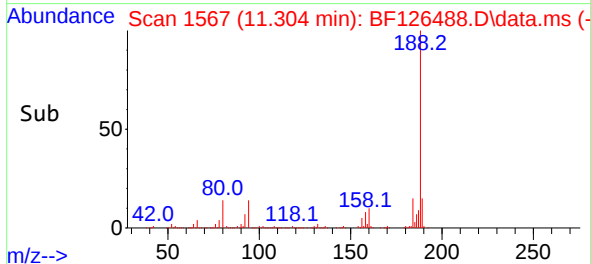
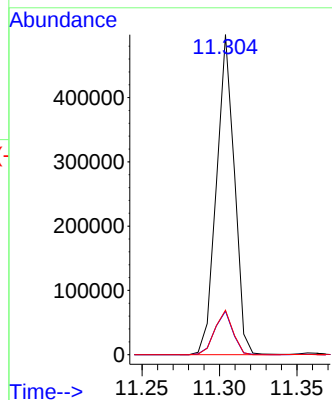
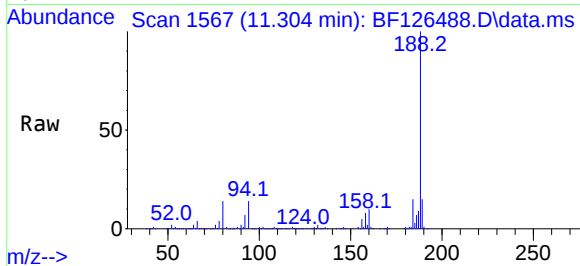




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.304 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF126488.D  
Acq: 5 Jan 2022 1:46

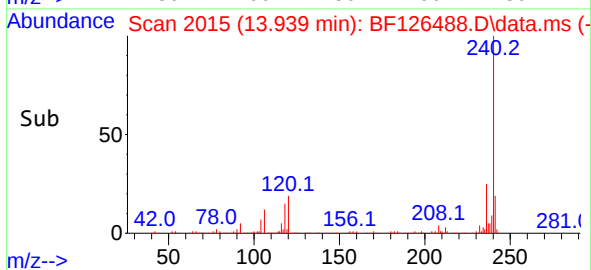
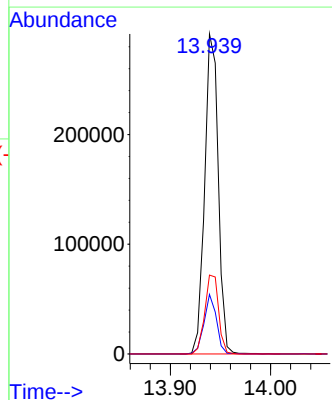
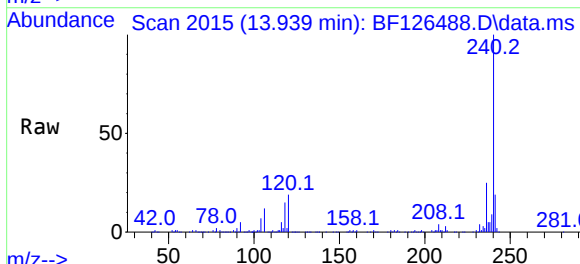
Instrument :  
BNA\_F  
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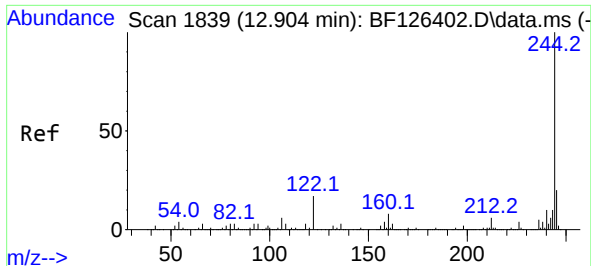
Tgt Ion:188 Resp: 400109  
Ion Ratio Lower Upper  
188 100  
94 13.6 10.1 15.1  
80 13.9 11.8 17.6



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.939 min Scan# 2015  
Delta R.T. -0.012 min  
Lab File: BF126488.D  
Acq: 5 Jan 2022 1:46

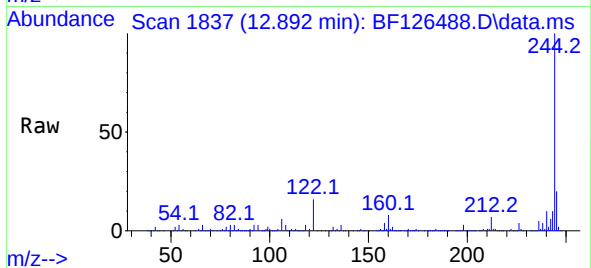
Tgt Ion:240 Resp: 276120  
Ion Ratio Lower Upper  
240 100  
120 18.6 14.4 21.6  
236 24.7 20.5 30.7



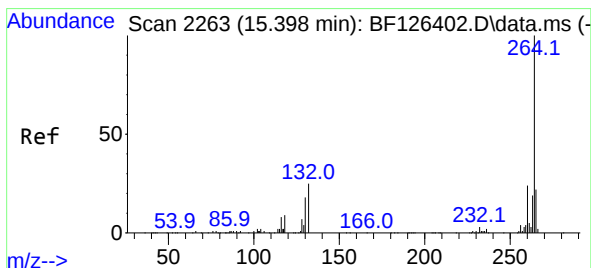
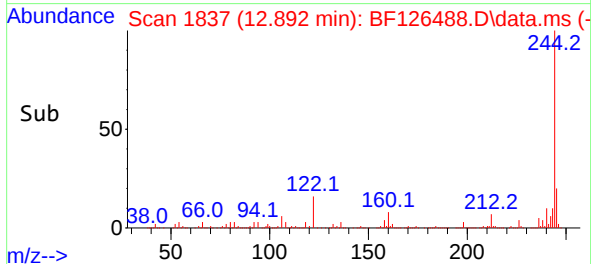
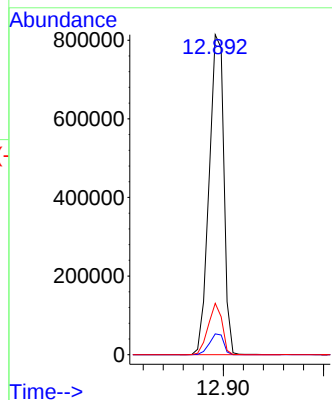


#79  
Terphenyl-d14  
Concen: 58.474 ng  
RT: 12.892 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF126488.D  
Acq: 5 Jan 2022 1:46

Instrument :  
BNA\_F  
ClientSampleId :  
DB-24-(20-25)-12-29-21



Tgt Ion:244 Resp: 831006  
Ion Ratio Lower Upper  
244 100  
212 6.5 5.0 7.4  
122 16.1 13.3 19.9



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.380 min Scan# 2260  
Delta R.T. -0.006 min  
Lab File: BF126488.D  
Acq: 5 Jan 2022 1:46

Tgt Ion:264 Resp: 237015  
Ion Ratio Lower Upper  
264 100  
260 23.7 19.2 28.8  
265 22.4 17.4 26.2

