

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF052322\  
 Data File : BF128420.D  
 Acq On : 24 May 2022 01:06  
 Operator : CG\JU  
 Sample : N2874-02  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 P007-SS002-0612-01

Quant Time: May 24 02:37:58 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF052022.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat May 21 05:28:09 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.857  | 152  | 117545   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.140  | 136  | 439361   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.892  | 164  | 225964   | 20.000 | ng    | -0.01    |
| 64) Phenanthrene-d10        | 11.386 | 188  | 333509   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12            | 14.039 | 240  | 240336   | 20.000 | ng    | -0.01    |
| 86) Perylene-d12            | 15.521 | 264  | 234337   | 20.000 | ng    | -0.01    |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.481  | 112  | 690642   | 93.502 | ng    | 0.00     |
| 7) Phenol-d6                | 6.493  | 99   | 911570   | 93.722 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.422  | 82   | 642018   | 65.472 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 10.692 | 330  | 187706   | 80.548 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.216  | 172  | 944401   | 68.348 | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.975 | 244  | 741643   | 59.570 | ng    | 0.00     |

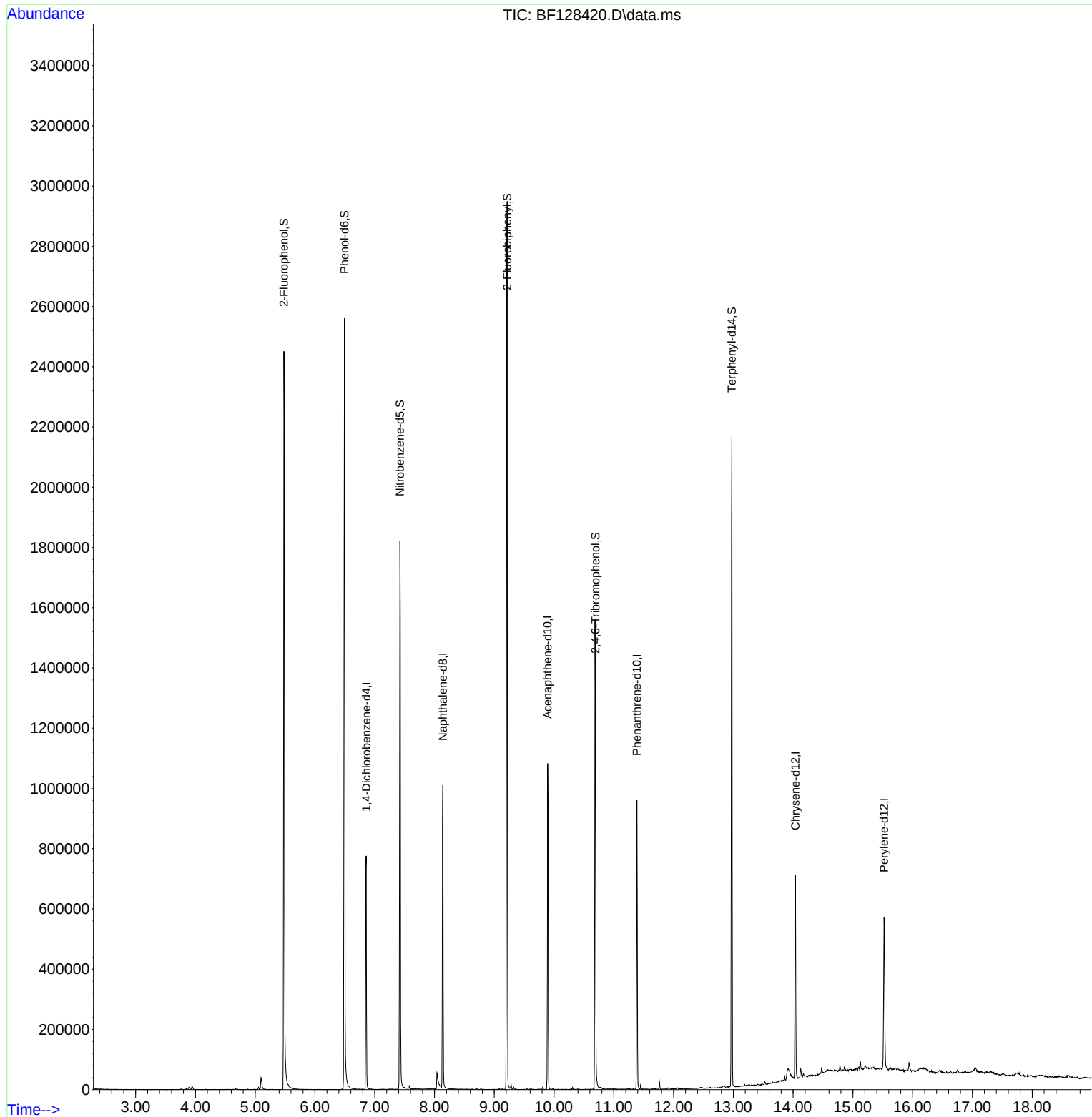
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

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

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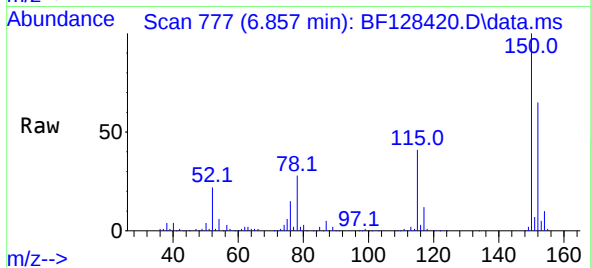
Quant Time: May 24 02:37:58 2022  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF052022.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sat May 21 05:28:09 2022  
Response via : Initial Calibration



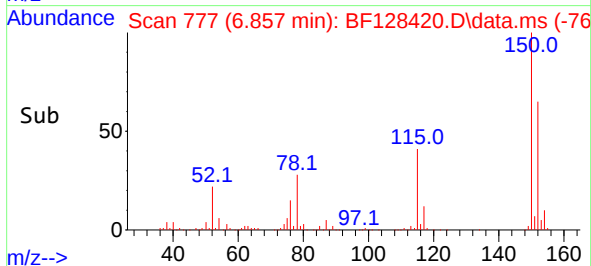
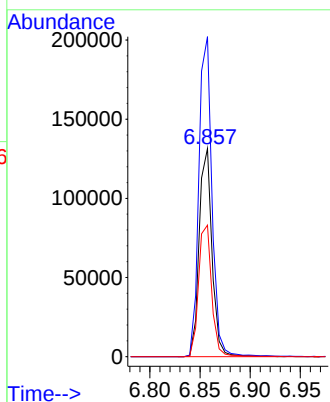


#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.857 min Scan# 71  
Delta R.T. 0.000 min  
Lab File: BF128420.D  
Acq: 24 May 2022 01:06

Instrument :  
BNA\_F  
ClientSampleId :  
P007-SS002-0612-01

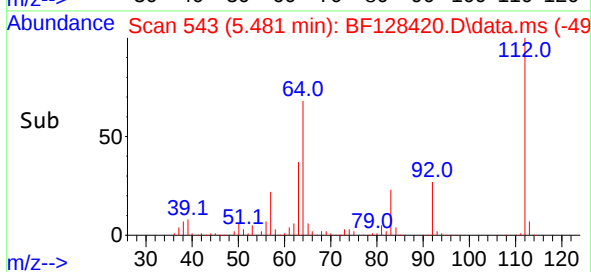
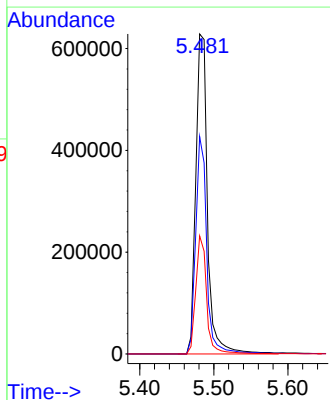
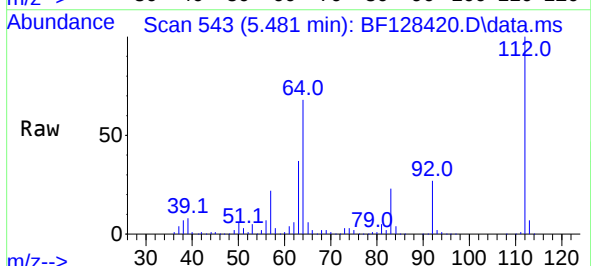


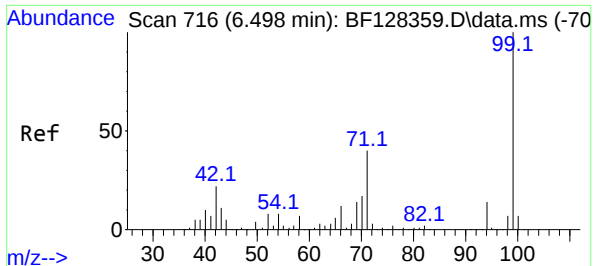
Tgt Ion:152 Resp: 117545  
Ion Ratio Lower Upper  
152 100  
150 153.7 125.3 187.9  
115 63.2 48.8 73.2



#5  
2-Fluorophenol  
Concen: 93.502 ng  
RT: 5.481 min Scan# 543  
Delta R.T. 0.000 min  
Lab File: BF128420.D  
Acq: 24 May 2022 01:06

Tgt Ion:112 Resp: 690642  
Ion Ratio Lower Upper  
112 100  
64 68.0 49.5 74.3  
63 36.9 26.3 39.5

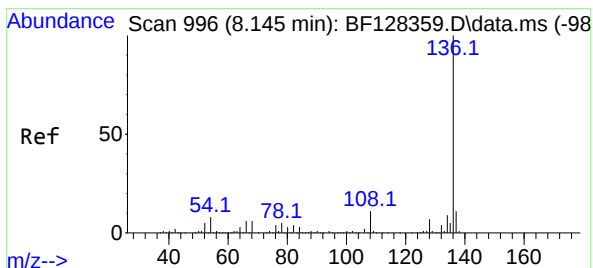
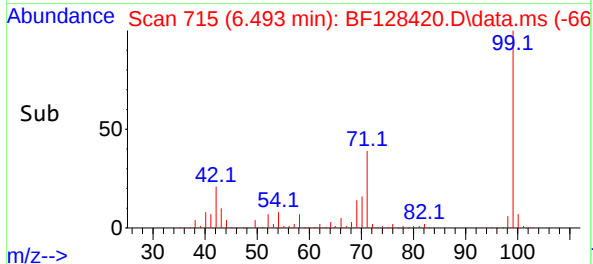
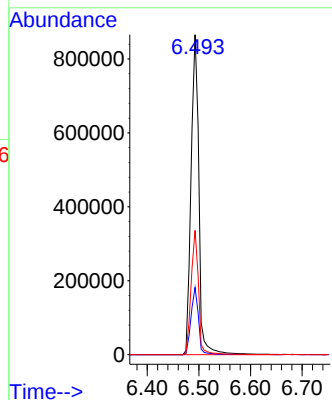
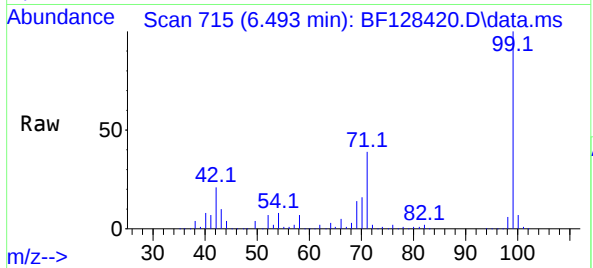




#7  
Phenol-d6  
Concen: 93.722 ng  
RT: 6.493 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BF128420.D  
Acq: 24 May 2022 01:06

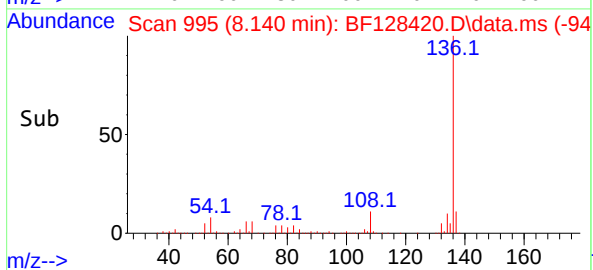
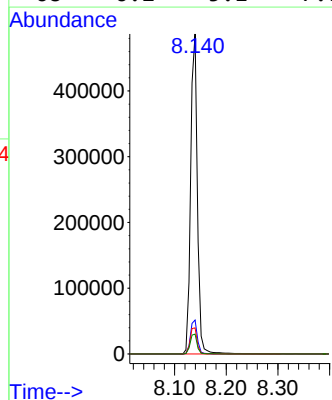
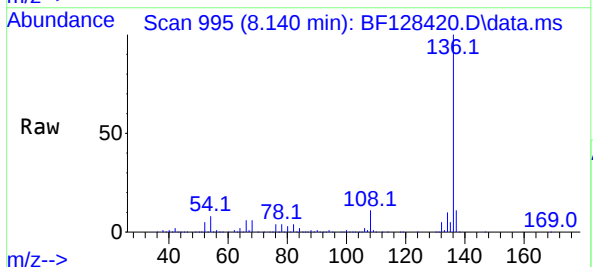
Instrument :  
BNA\_F  
ClientSampleId :  
P007-SS002-0612-01

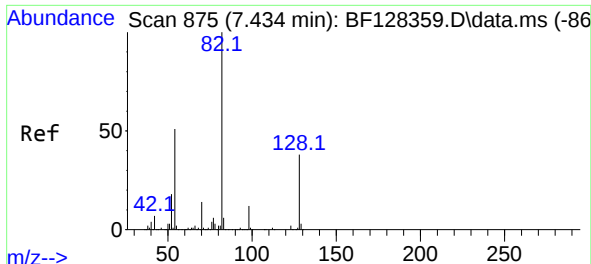
Tgt Ion: 99 Resp: 911570  
Ion Ratio Lower Upper  
99 100  
42 21.0 16.6 24.8  
71 38.8 30.0 45.0



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.140 min Scan# 995  
Delta R.T. -0.005 min  
Lab File: BF128420.D  
Acq: 24 May 2022 01:06

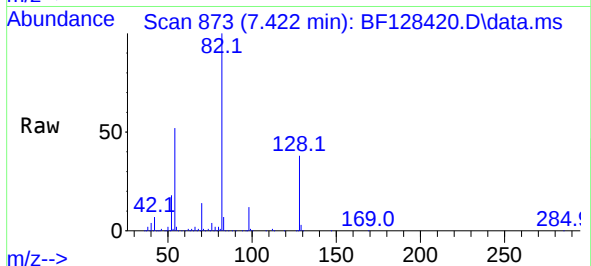
Tgt Ion: 136 Resp: 439361  
Ion Ratio Lower Upper  
136 100  
137 10.6 8.6 13.0  
54 8.1 6.8 10.2  
68 6.2 5.1 7.7



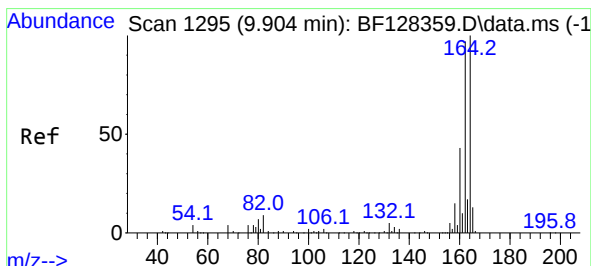
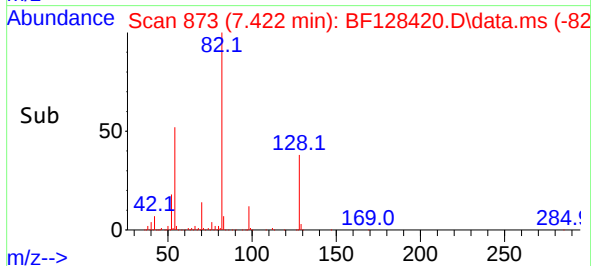
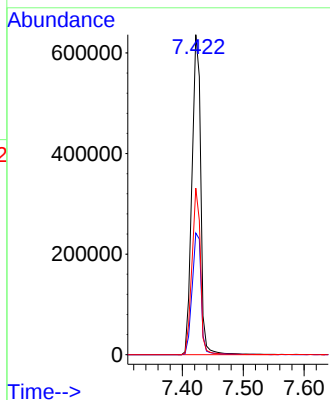


#23  
Nitrobenzene-d5  
Concen: 65.472 ng  
RT: 7.422 min Scan# 81  
Delta R.T. -0.012 min  
Lab File: BF128420.D  
Acq: 24 May 2022 01:06

Instrument :  
BNA\_F  
ClientSampleId :  
P007-SS002-0612-01

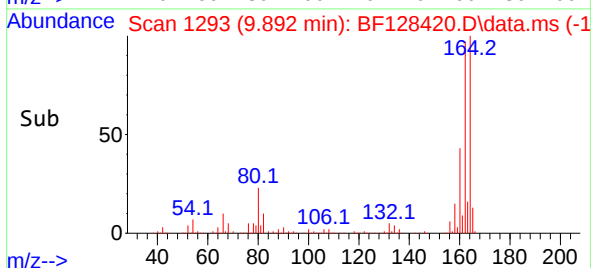
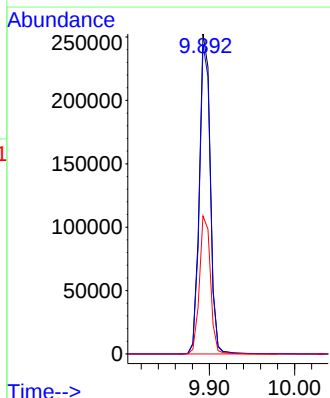
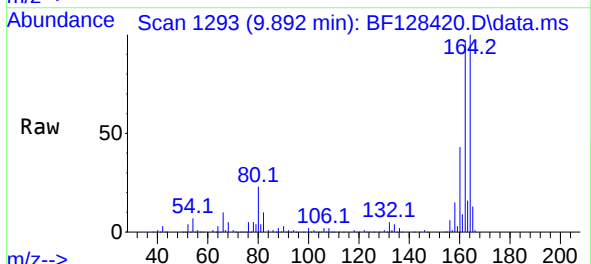


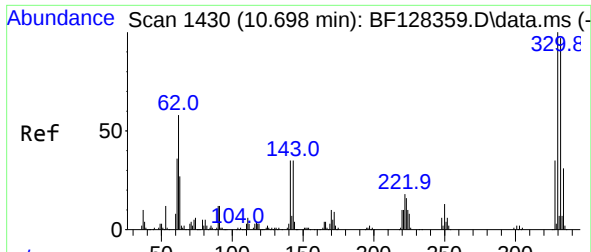
Tgt Ion: 82 Resp: 642018  
Ion Ratio Lower Upper  
82 100  
128 38.0 30.0 45.0  
54 52.1 41.3 61.9



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.892 min Scan# 1293  
Delta R.T. -0.012 min  
Lab File: BF128420.D  
Acq: 24 May 2022 01:06

Tgt Ion: 164 Resp: 225964  
Ion Ratio Lower Upper  
164 100  
162 96.7 76.0 114.0  
160 43.2 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 80.548 ng

RT: 10.692 min Scan# 1429

Delta R.T. -0.006 min

Lab File: BF128420.D

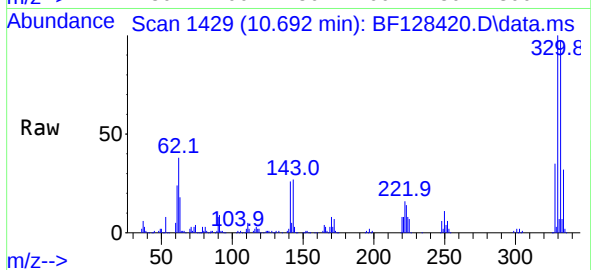
Acq: 24 May 2022 01:06

Instrument :

BNA\_F

ClientSampleId :

P007-SS002-0612-01



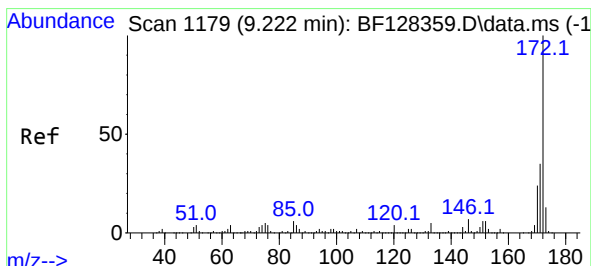
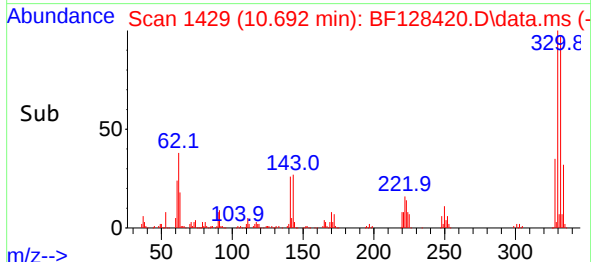
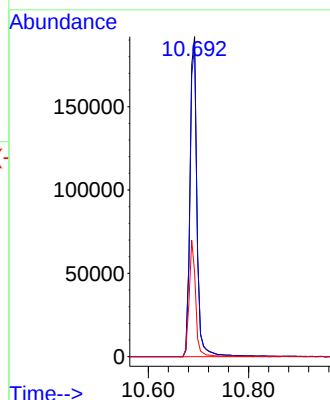
Tgt Ion:330 Resp: 187706

Ion Ratio Lower Upper

330 100

332 96.8 79.0 118.4

141 33.3 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 68.348 ng

RT: 9.216 min Scan# 1178

Delta R.T. -0.006 min

Lab File: BF128420.D

Acq: 24 May 2022 01:06

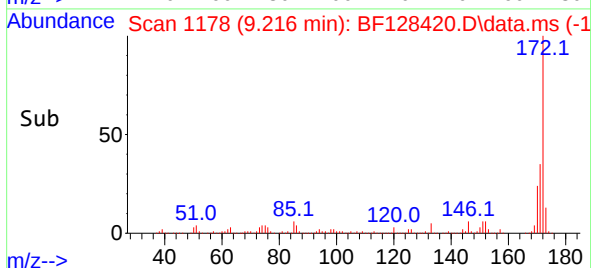
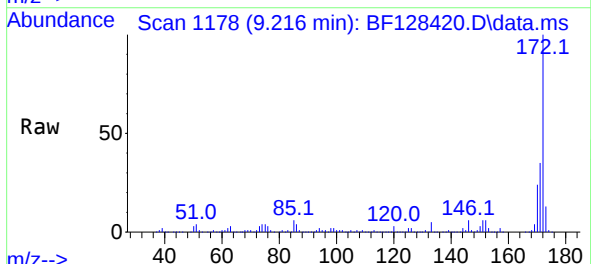
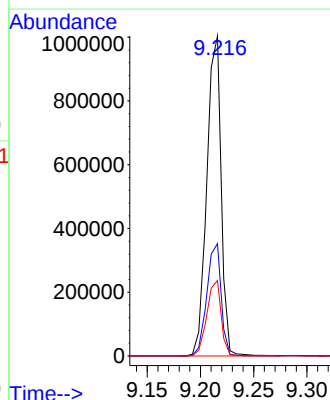
Tgt Ion:172 Resp: 944401

Ion Ratio Lower Upper

172 100

171 35.1 28.6 42.8

170 23.6 19.1 28.7

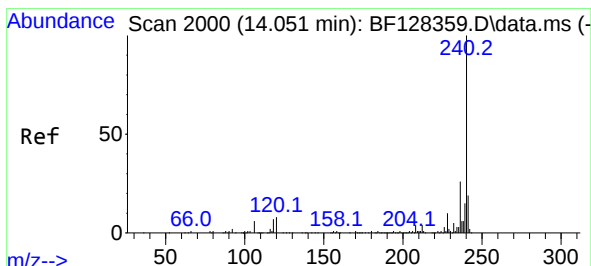
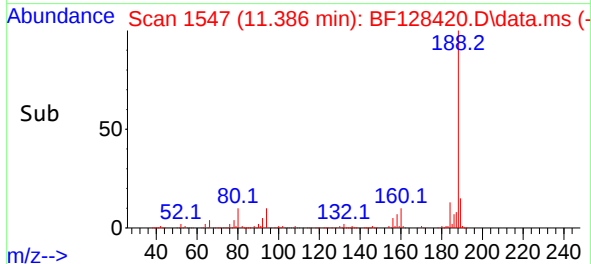
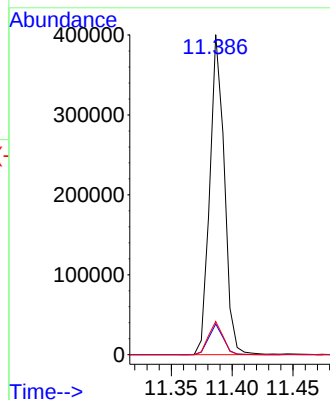
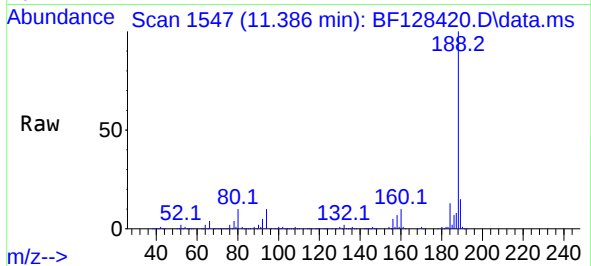




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.386 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF128420.D  
Acq: 24 May 2022 01:06

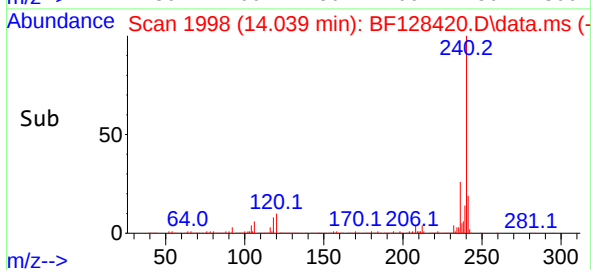
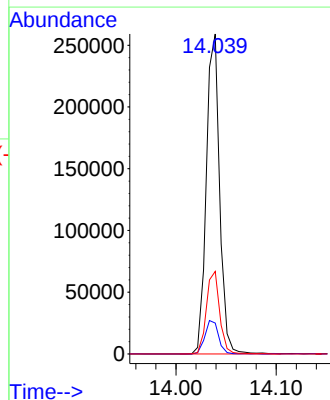
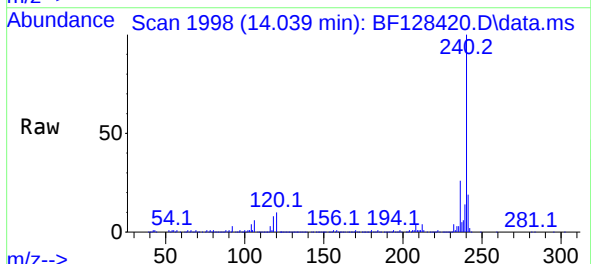
Instrument :  
BNA\_F  
ClientSampleId :  
P007-SS002-0612-01

Tgt Ion:188 Resp: 333509  
Ion Ratio Lower Upper  
188 100  
94 9.6 8.0 12.0  
80 10.4 8.9 13.3



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.039 min Scan# 1998  
Delta R.T. -0.012 min  
Lab File: BF128420.D  
Acq: 24 May 2022 01:06

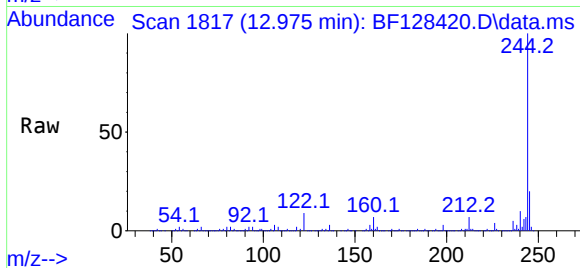
Tgt Ion:240 Resp: 240336  
Ion Ratio Lower Upper  
240 100  
120 9.6 7.0 10.6  
236 25.8 20.3 30.5



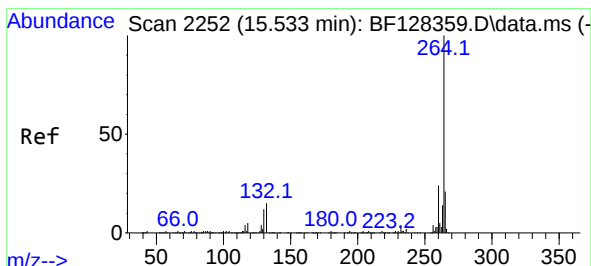
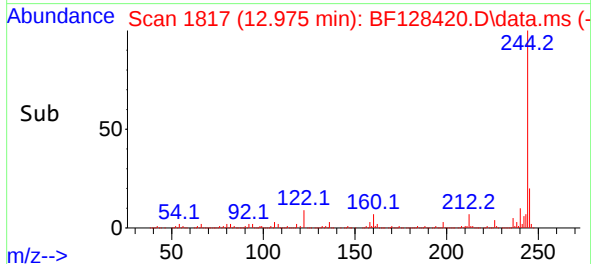
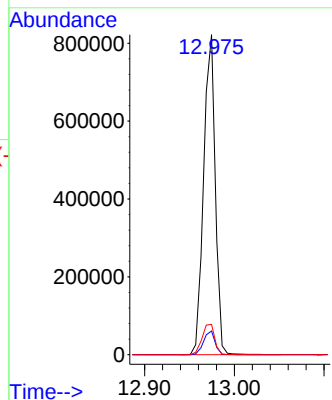


#79  
 Terphenyl-d14  
 Concen: 59.570 ng  
 RT: 12.975 min Scan# 11  
 Delta R.T. -0.006 min  
 Lab File: BF128420.D  
 Acq: 24 May 2022 01:06

Instrument :  
 BNA\_F  
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Tgt Ion:244 Resp: 741643  
 Ion Ratio Lower Upper  
 244 100  
 212 7.4 6.2 9.4  
 122 9.5 8.6 12.8



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.521 min Scan# 2250  
 Delta R.T. -0.012 min  
 Lab File: BF128420.D  
 Acq: 24 May 2022 01:06

Tgt Ion:264 Resp: 234337  
 Ion Ratio Lower Upper  
 264 100  
 260 23.4 20.1 30.1  
 265 21.6 17.5 26.3

