

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF112524\  
Data File : BF140599.D  
Acq On : 25 Nov 2024 13:27  
Operator : RC/JU  
Sample : PB164886TB  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
PB164886TB

Quant Time: Nov 25 13:55:14 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF112124.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Nov 21 15:23:48 2024  
Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.869  | 152  | 104822   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.151  | 136  | 403503   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.904  | 164  | 233025   | 20.000  | ng    | -0.01    |
| 64) Phenanthrene-d10        | 11.398 | 188  | 439175   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 14.051 | 240  | 240574   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 15.563 | 264  | 200437   | 20.000  | ng    | 0.02     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.510  | 112  | 844799   | 137.510 | ng    | 0.01     |
| 7) Phenol-d6                | 6.510  | 99   | 1091261  | 134.360 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.428  | 82   | 723152   | 91.671  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 10.698 | 330  | 322431   | 129.375 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.222  | 172  | 1397256  | 89.339  | ng    | -0.01    |
| 79) Terphenyl-d14           | 12.986 | 244  | 1530916  | 99.090  | ng    | 0.00     |

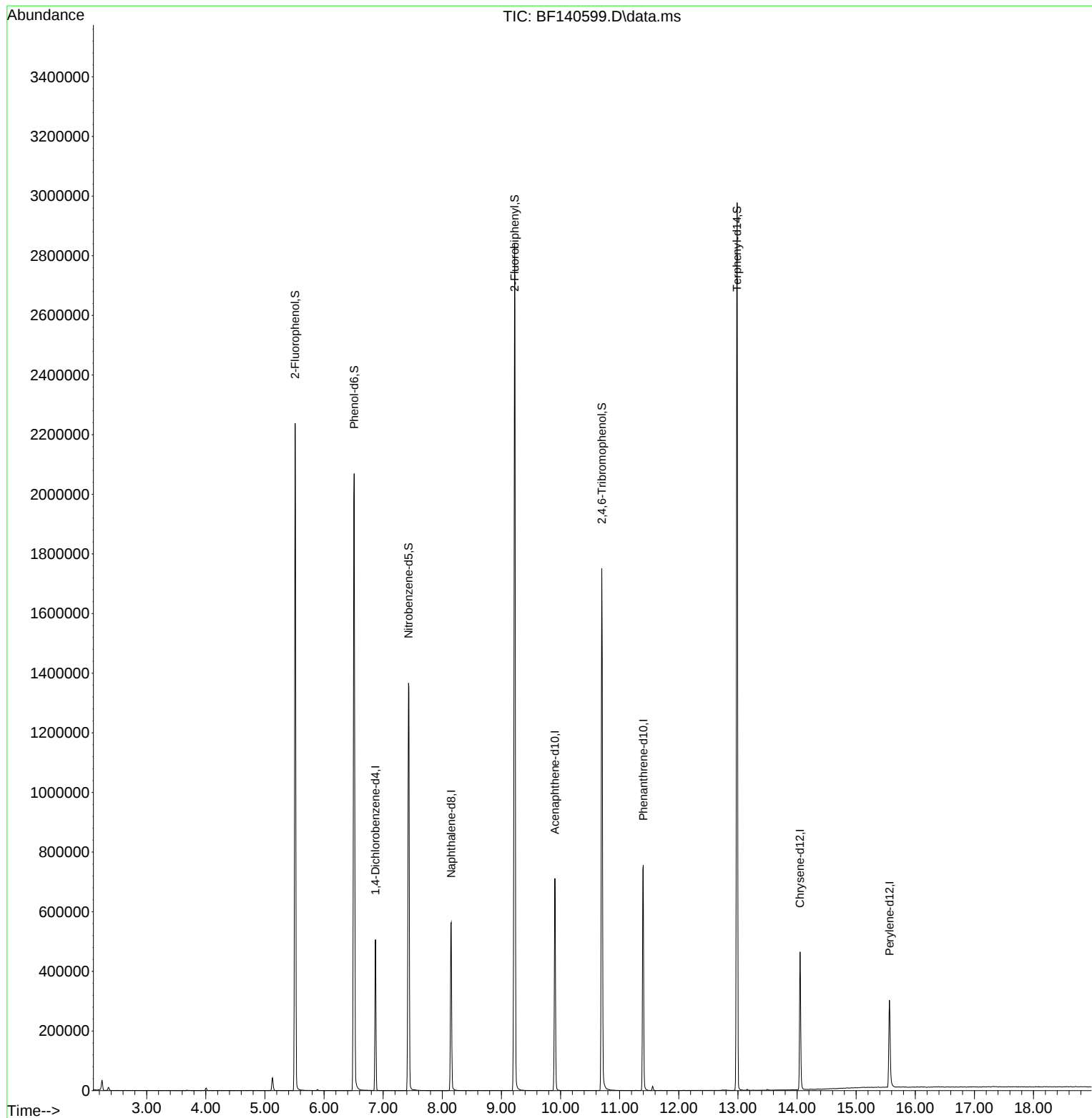
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

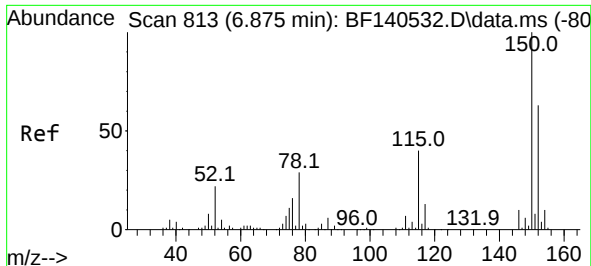
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF112524\  
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Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
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ClientSampleId :  
PB164886TB

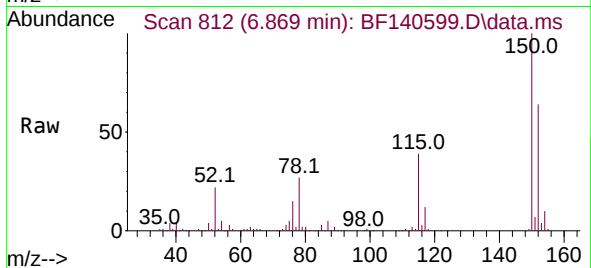
Quant Time: Nov 25 13:55:14 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF112124.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Nov 21 15:23:48 2024  
Response via : Initial Calibration



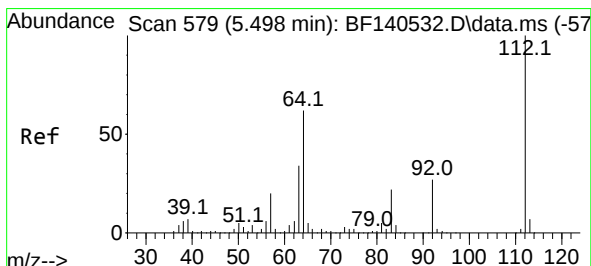
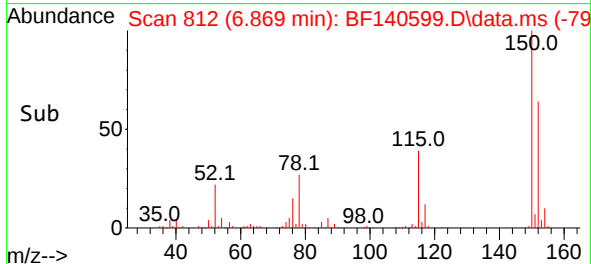
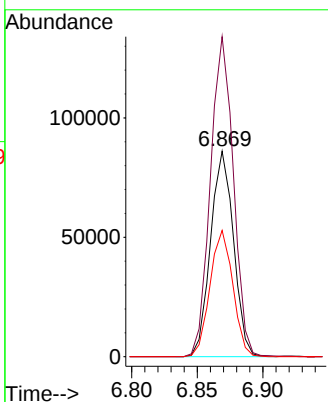


#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.869 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BF140599.D  
Acq: 25 Nov 2024 13:27

Instrument :  
BNA\_F  
ClientSampleId :  
PB164886TB

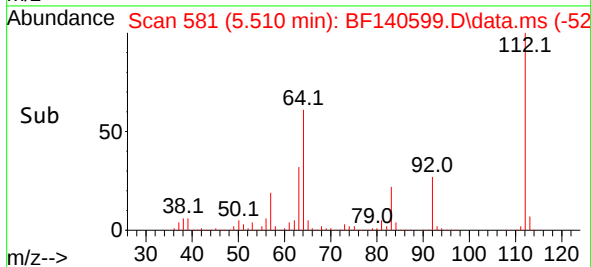
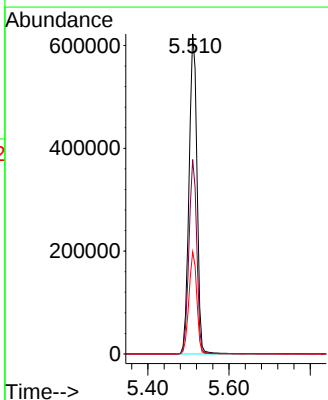
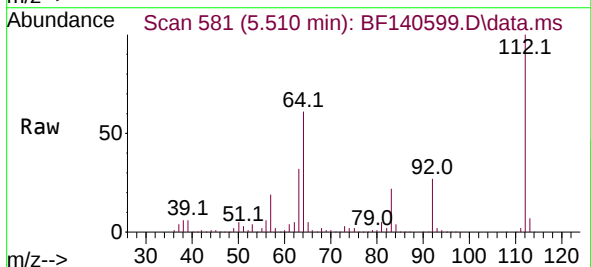


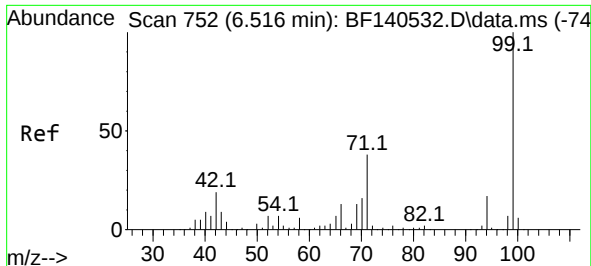
Tgt Ion:152 Resp: 104822  
Ion Ratio Lower Upper  
152 100  
150 155.7 128.5 192.7  
115 61.4 50.2 75.4



#5  
2-Fluorophenol  
Concen: 137.510 ng  
RT: 5.510 min Scan# 581  
Delta R.T. 0.012 min  
Lab File: BF140599.D  
Acq: 25 Nov 2024 13:27

Tgt Ion:112 Resp: 844799  
Ion Ratio Lower Upper  
112 100  
64 60.8 49.2 73.8  
63 31.9 27.0 40.4

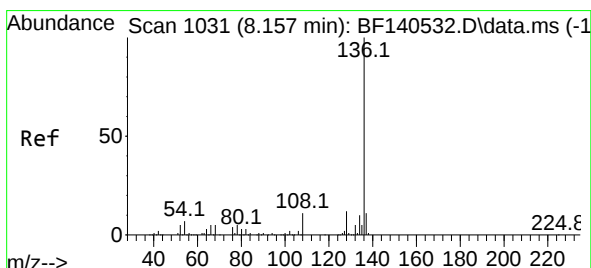
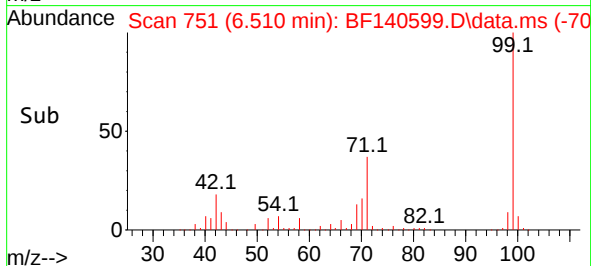
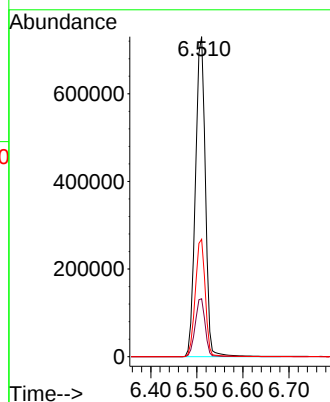
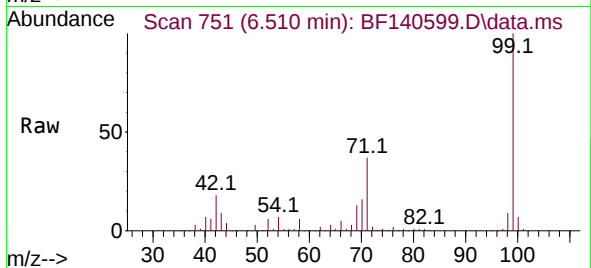




#7  
Phenol-d6  
Concen: 134.360 ng  
RT: 6.510 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BF140599.D  
Acq: 25 Nov 2024 13:27

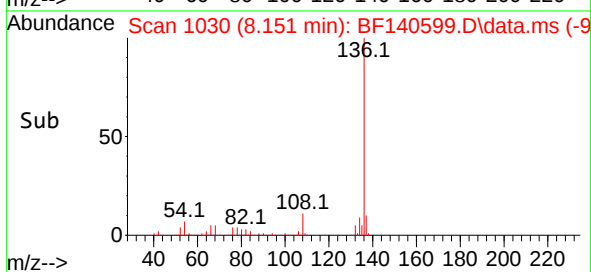
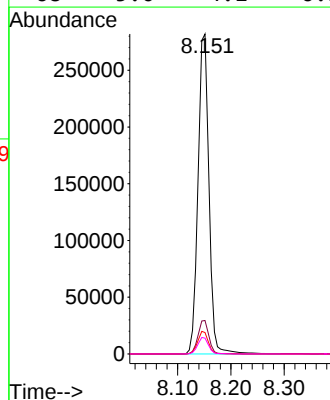
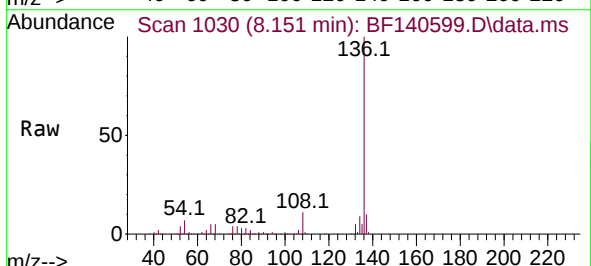
Instrument :  
BNA\_F  
ClientSampleId :  
PB164886TB

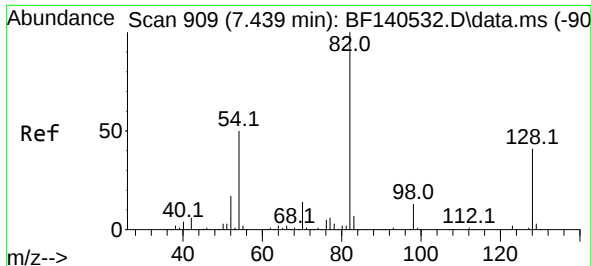
Tgt Ion: 99 Resp: 1091261  
Ion Ratio Lower Upper  
99 100  
42 18.1 15.4 23.0  
71 36.7 30.6 46.0



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.151 min Scan# 1030  
Delta R.T. -0.006 min  
Lab File: BF140599.D  
Acq: 25 Nov 2024 13:27

Tgt Ion: 136 Resp: 403503  
Ion Ratio Lower Upper  
136 100  
137 10.4 8.6 13.0  
54 6.7 5.8 8.8  
68 5.0 4.1 6.1





#23

Nitrobenzene-d5

Concen: 91.671 ng

RT: 7.428 min Scan# 90

Delta R.T. -0.012 min

Lab File: BF140599.D

Acq: 25 Nov 2024 13:27

Instrument :

BNA\_F

ClientSampleId :

PB164886TB

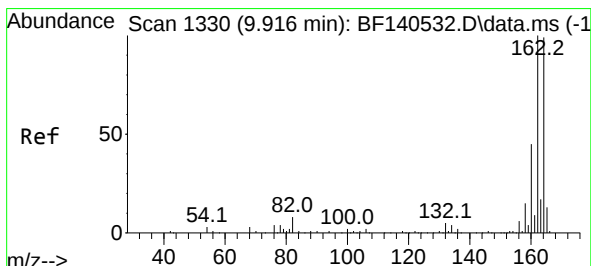
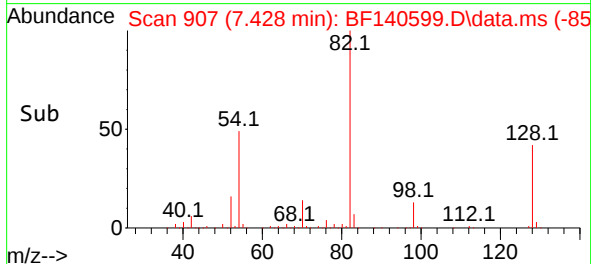
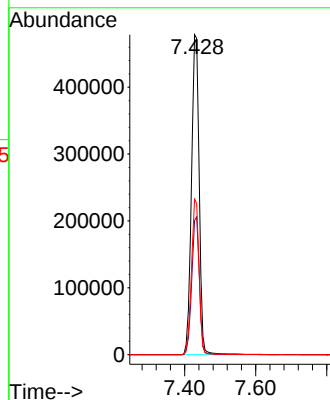
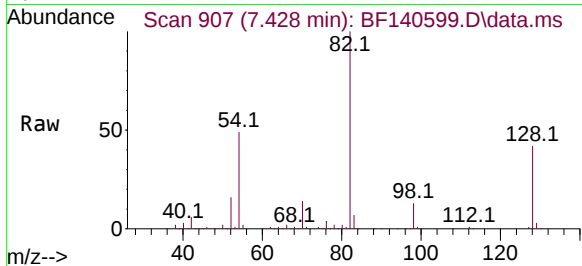
Tgt Ion: 82 Resp: 723152

Ion Ratio Lower Upper

82 100

128 42.0 33.0 49.4

54 48.6 39.5 59.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 1328

Delta R.T. -0.012 min

Lab File: BF140599.D

Acq: 25 Nov 2024 13:27

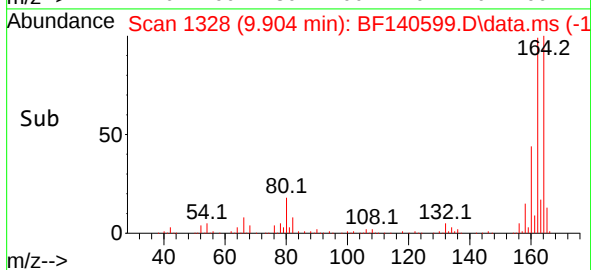
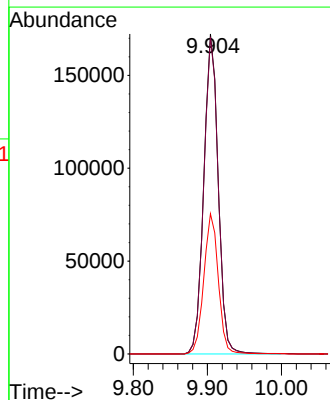
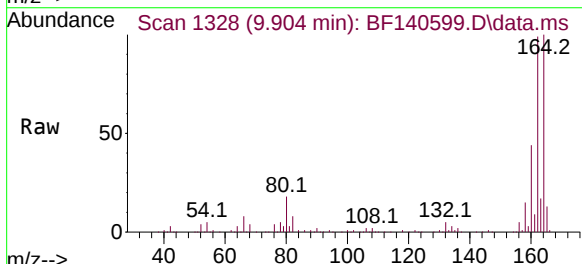
Tgt Ion:164 Resp: 233025

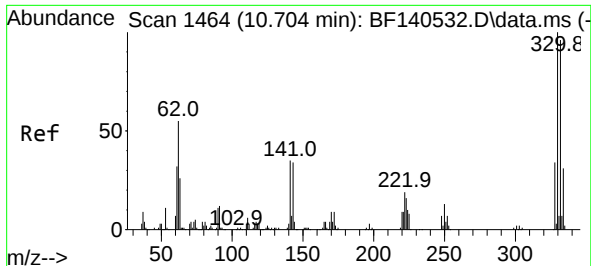
Ion Ratio Lower Upper

164 100

162 99.1 80.6 120.8

160 43.8 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 129.375 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.006 min

Lab File: BF140599.D

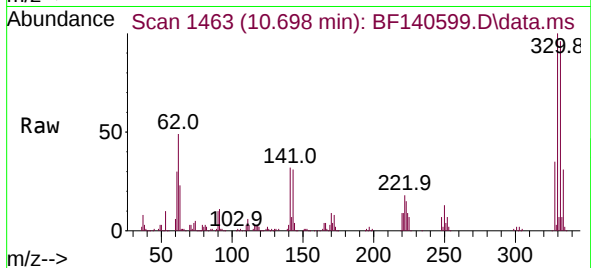
Acq: 25 Nov 2024 13:27

Instrument :

BNA\_F

ClientSampleId :

PB164886TB



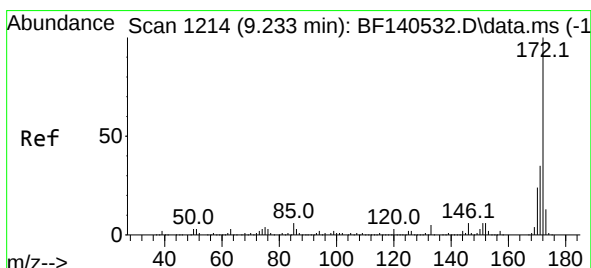
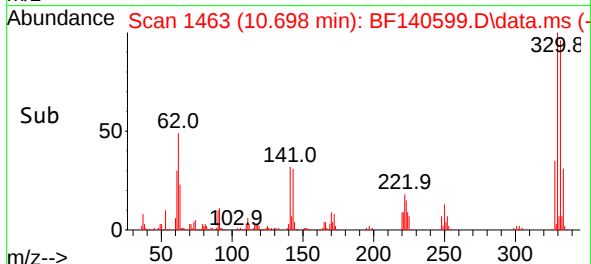
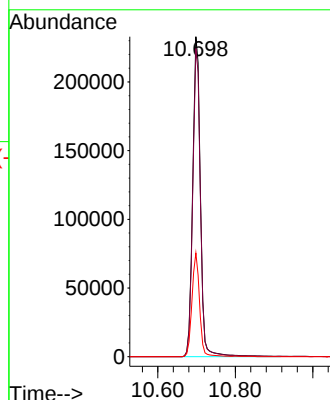
Tgt Ion:330 Resp: 322431

Ion Ratio Lower Upper

330 100

332 96.1 76.9 115.3

141 31.8 26.7 40.1



#45

2-Fluorobiphenyl

Concen: 89.339 ng

RT: 9.222 min Scan# 1212

Delta R.T. -0.012 min

Lab File: BF140599.D

Acq: 25 Nov 2024 13:27

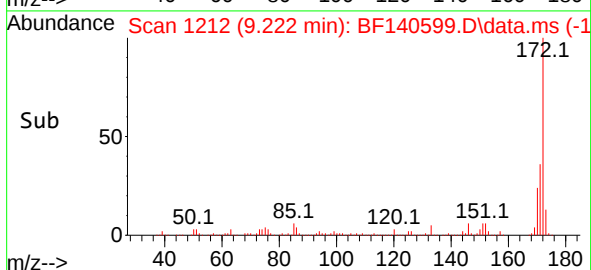
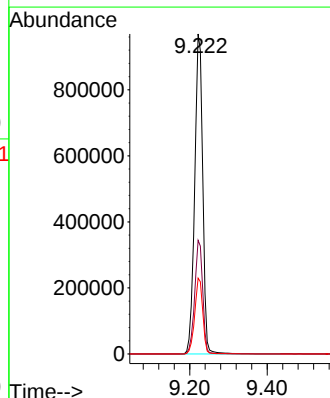
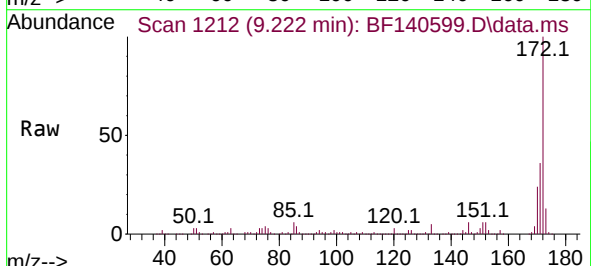
Tgt Ion:172 Resp: 1397256

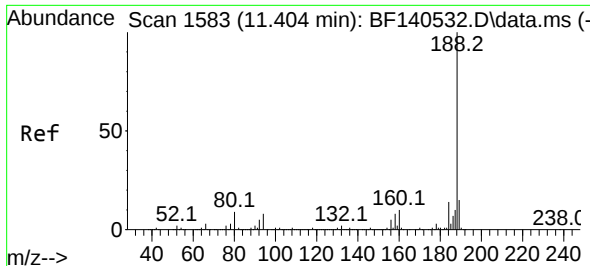
Ion Ratio Lower Upper

172 100

171 35.5 28.4 42.6

170 23.7 19.0 28.6

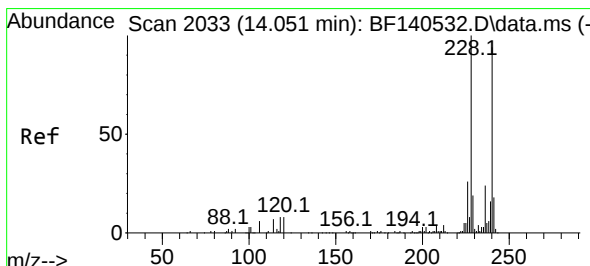
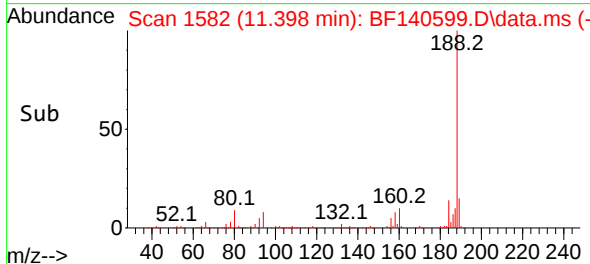
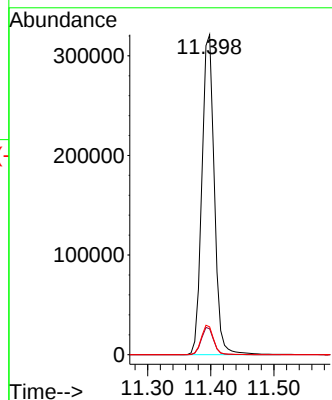
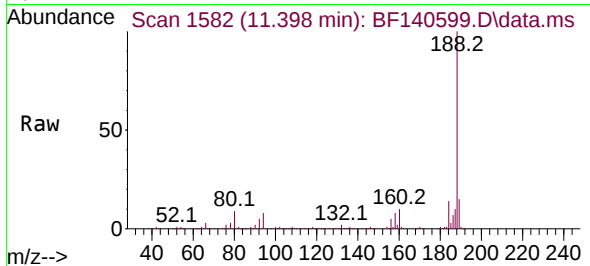




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.398 min Scan# 1582  
Delta R.T. -0.006 min  
Lab File: BF140599.D  
Acq: 25 Nov 2024 13:27

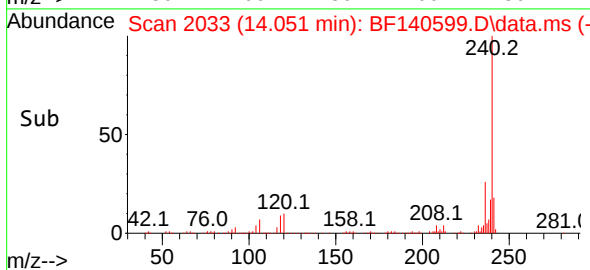
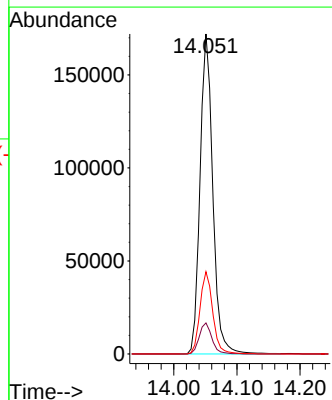
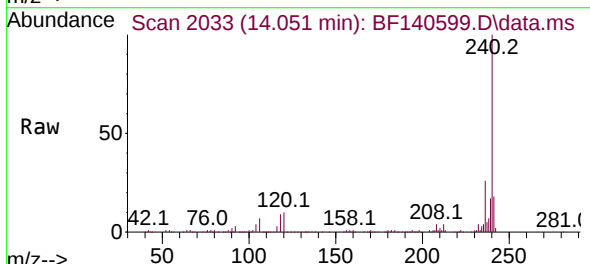
Instrument :  
BNA\_F  
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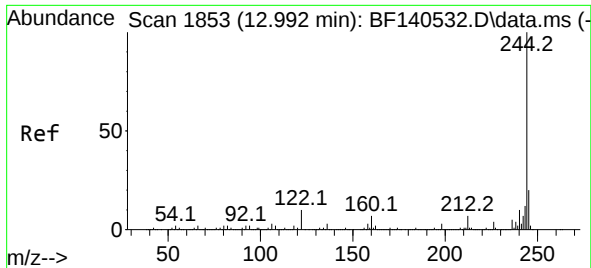
Tgt Ion:188 Resp: 439175  
Ion Ratio Lower Upper  
188 100  
94 8.1 6.4 9.6  
80 8.7 6.9 10.3



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.051 min Scan# 2033  
Delta R.T. 0.000 min  
Lab File: BF140599.D  
Acq: 25 Nov 2024 13:27

Tgt Ion:240 Resp: 240574  
Ion Ratio Lower Upper  
240 100  
120 9.7 7.3 10.9  
236 25.7 20.6 31.0

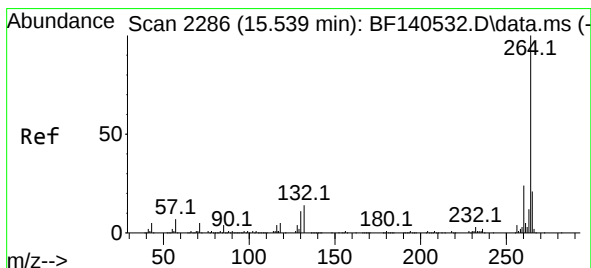
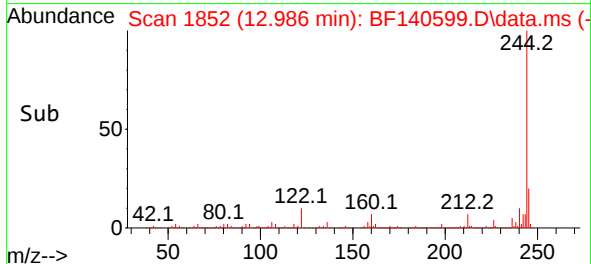
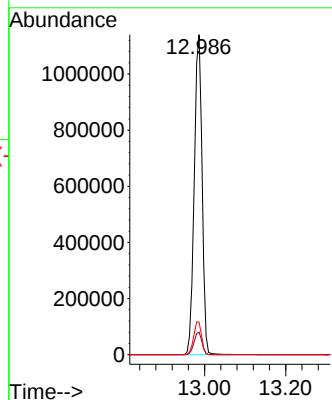
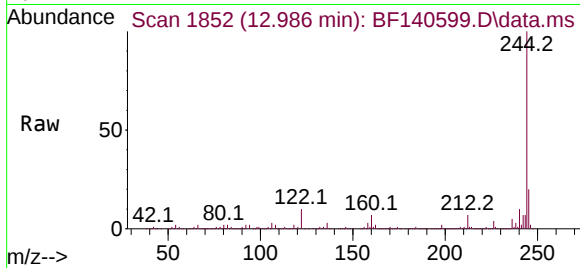




#79  
 Terphenyl-d14  
 Concen: 99.090 ng  
 RT: 12.986 min Scan# 11  
 Delta R.T. -0.006 min  
 Lab File: BF140599.D  
 Acq: 25 Nov 2024 13:27

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB164886TB

Tgt Ion:244 Resp: 1530916  
 Ion Ratio Lower Upper  
 244 100  
 212 7.0 5.8 8.8  
 122 10.1 8.0 12.0



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.563 min Scan# 2290  
 Delta R.T. 0.024 min  
 Lab File: BF140599.D  
 Acq: 25 Nov 2024 13:27

Tgt Ion:264 Resp: 200437  
 Ion Ratio Lower Upper  
 264 100  
 260 23.5 19.0 28.6  
 265 21.2 16.6 25.0

