

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF112524\  
 Data File : BF140622.D  
 Acq On : 25 Nov 2024 23:48  
 Operator : RC/JU  
 Sample : P4860-03  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PH2-BOT-002

Quant Time: Nov 26 02:01:11 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

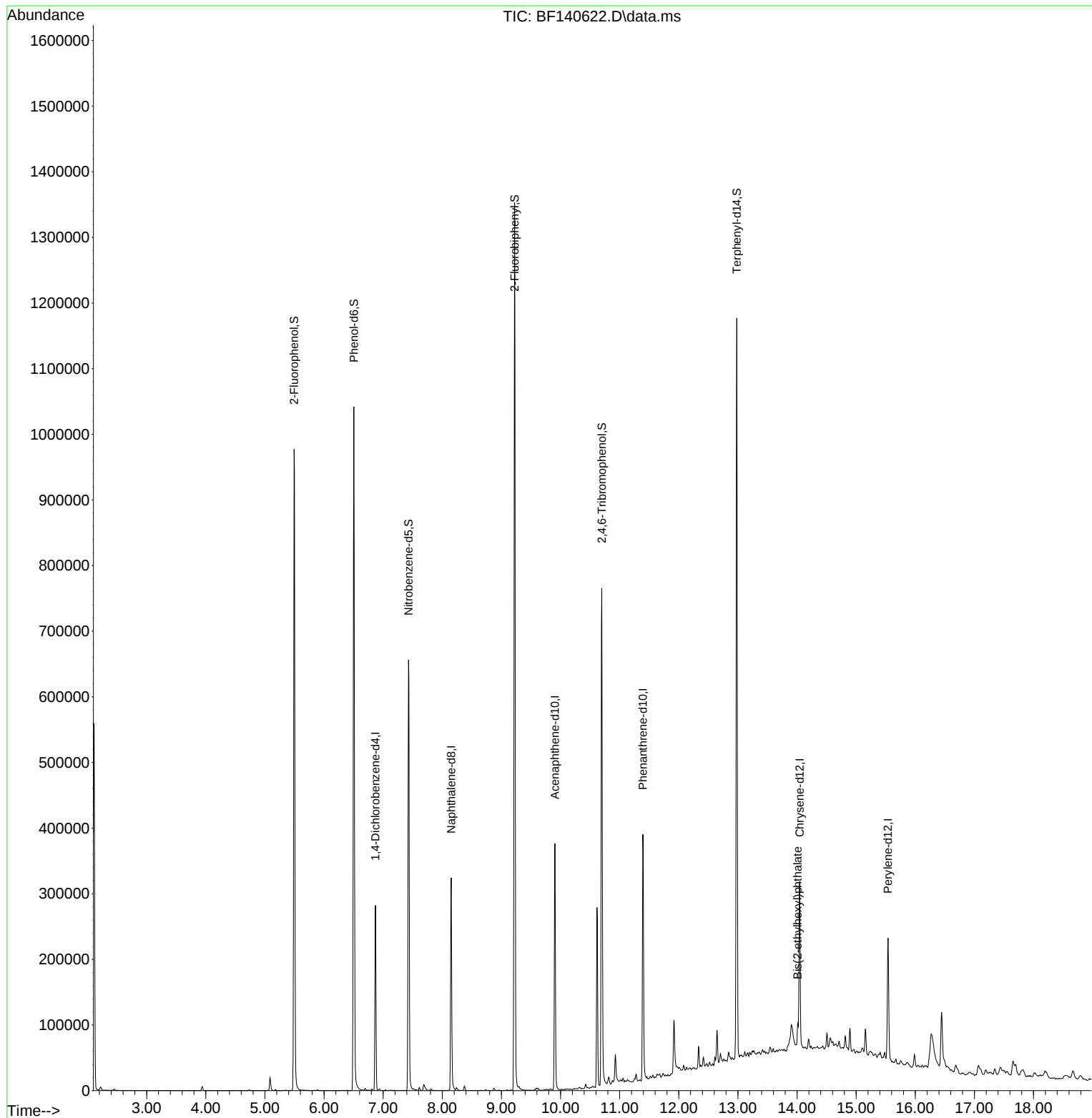
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min)  |
|-------------------------------|--------|------|----------|---------|-------|-----------|
| -----                         |        |      |          |         |       |           |
| Internal Standards            |        |      |          |         |       |           |
| 1) 1,4-Dichlorobenzene-d4     | 6.869  | 152  | 57850    | 20.000  | ng    | 0.00      |
| 21) Naphthalene-d8            | 8.151  | 136  | 212247   | 20.000  | ng    | 0.00      |
| 39) Acenaphthene-d10          | 9.904  | 164  | 114728   | 20.000  | ng    | -0.01     |
| 64) Phenanthrene-d10          | 11.392 | 188  | 210520   | 20.000  | ng    | -0.01     |
| 76) Chrysene-d12              | 14.045 | 240  | 124009   | 20.000  | ng    | 0.00      |
| 86) Perylene-d12              | 15.539 | 264  | 108011   | 20.000  | ng    | 0.00      |
| System Monitoring Compounds   |        |      |          |         |       |           |
| 5) 2-Fluorophenol             | 5.493  | 112  | 374327   | 110.403 | ng    | 0.00      |
| 7) Phenol-d6                  | 6.504  | 99   | 483782   | 107.929 | ng    | -0.01     |
| 23) Nitrobenzene-d5           | 7.428  | 82   | 308203   | 74.275  | ng    | -0.01     |
| 42) 2,4,6-Tribromophenol      | 10.698 | 330  | 133550   | 108.841 | ng    | 0.00      |
| 45) 2-Fluorobiphenyl          | 9.222  | 172  | 596040   | 77.406  | ng    | -0.01     |
| 79) Terphenyl-d14             | 12.980 | 244  | 551608   | 69.263  | ng    | -0.01     |
| Target Compounds              |        |      |          |         |       |           |
| 84) Bis(2-ethylhexyl)phtha... | 14.010 | 149  | 14506    | 2.781   | ng    | Qvalue 98 |
| -----                         |        |      |          |         |       |           |

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

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ALS Vial : 20 Sample Multiplier: 1

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BNA\_F  
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PH2-BOT-002

Quant Time: Nov 26 02:01:11 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

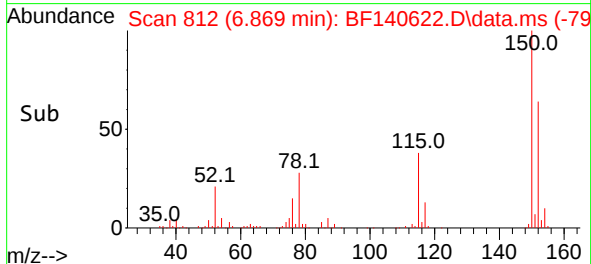
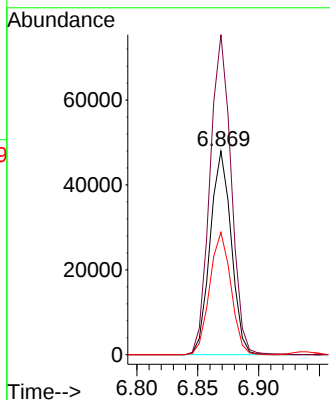
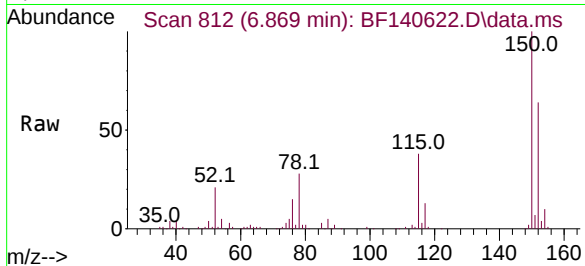




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.869 min Scan# 813  
Delta R.T. -0.006 min  
Lab File: BF140622.D  
Acq: 25 Nov 2024 23:48

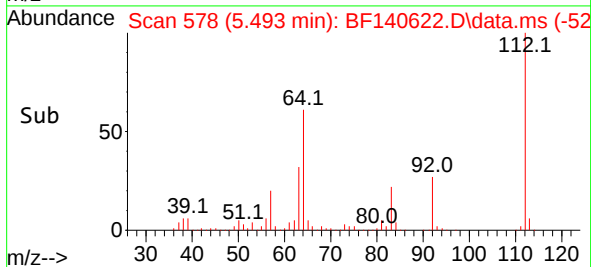
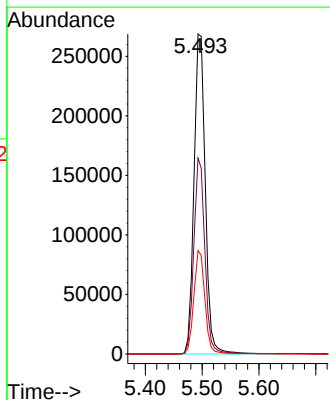
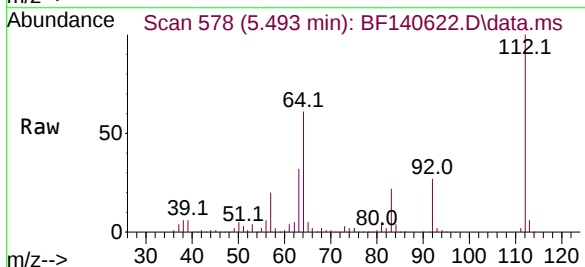
Instrument :  
BNA\_F  
ClientSampleId :  
PH2-BOT-002

Tgt Ion:152 Resp: 57850  
Ion Ratio Lower Upper  
152 100  
150 157.2 128.5 192.7  
115 60.1 50.2 75.4



#5  
2-Fluorophenol  
Concen: 110.403 ng  
RT: 5.493 min Scan# 578  
Delta R.T. -0.006 min  
Lab File: BF140622.D  
Acq: 25 Nov 2024 23:48

Tgt Ion:112 Resp: 374327  
Ion Ratio Lower Upper  
112 100  
64 61.2 49.2 73.8  
63 32.3 27.0 40.4

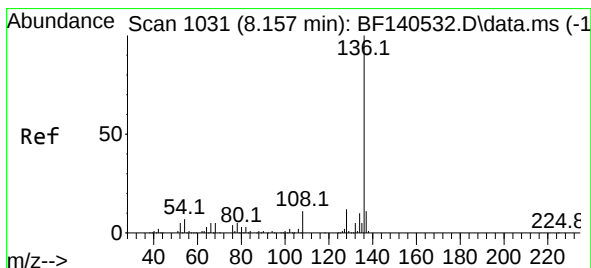
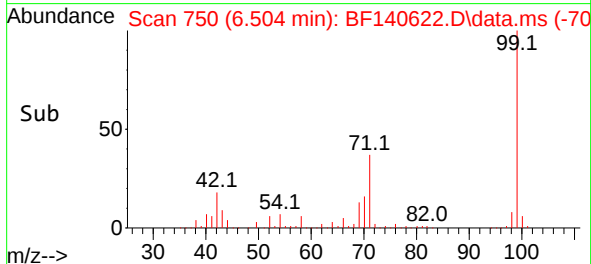
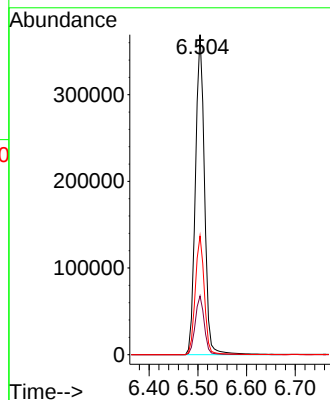
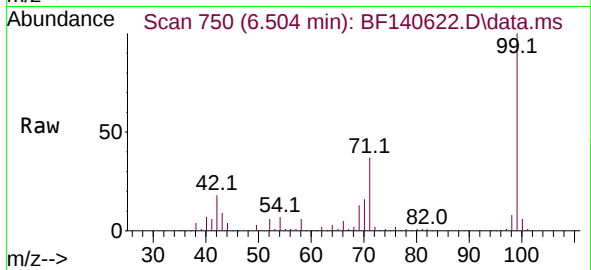




#7  
Phenol-d6  
Concen: 107.929 ng  
RT: 6.504 min Scan# 71  
Delta R.T. -0.012 min  
Lab File: BF140622.D  
Acq: 25 Nov 2024 23:48

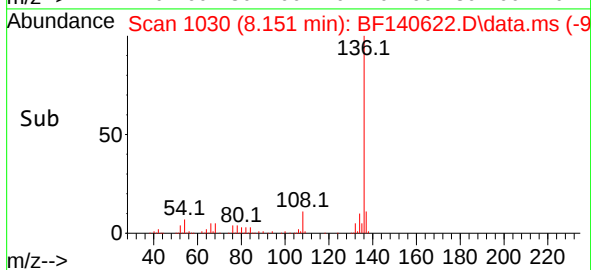
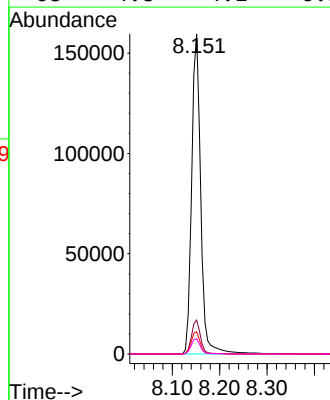
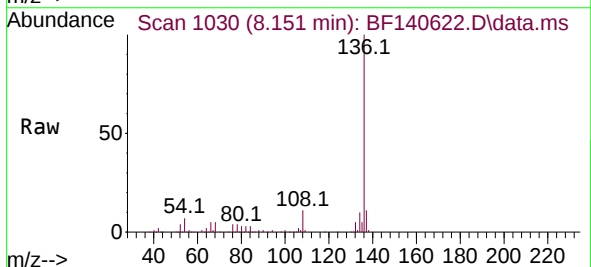
Instrument :  
BNA\_F  
ClientSampleId :  
PH2-BOT-002

Tgt Ion: 99 Resp: 483782  
Ion Ratio Lower Upper  
99 100  
42 18.3 15.4 23.0  
71 37.1 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: BF140622.D  
Acq: 25 Nov 2024 23:48

Tgt Ion:136 Resp: 212247  
Ion Ratio Lower Upper  
136 100  
137 10.6 8.6 13.0  
54 6.9 5.8 8.8  
68 4.8 4.1 6.1





#23

Nitrobenzene-d5

Concen: 74.275 ng

RT: 7.428 min Scan# 909

Delta R.T. -0.012 min

Lab File: BF140622.D

Acq: 25 Nov 2024 23:48

Instrument :

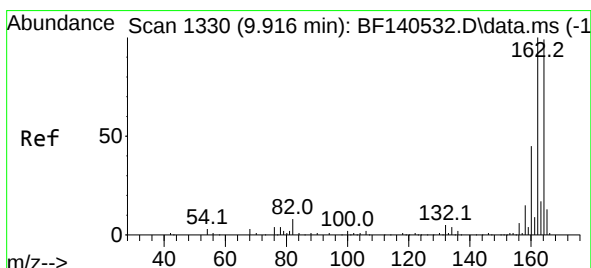
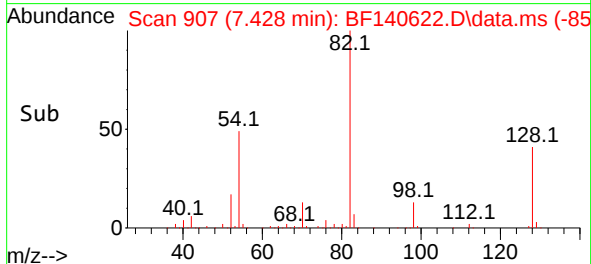
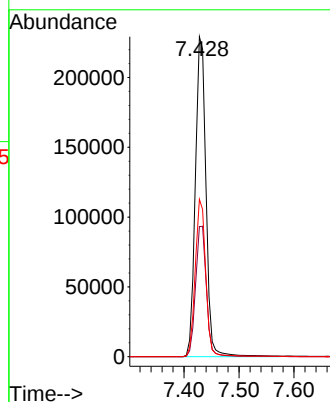
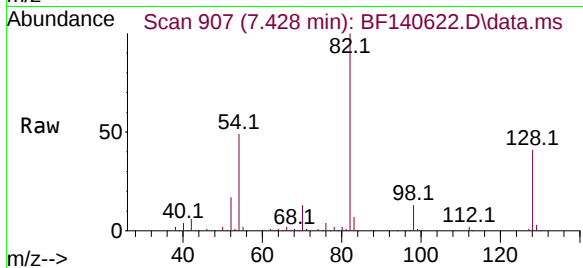
BNA\_F

ClientSampleId :

PH2-BOT-002

Tgt Ion: 82 Resp: 308203

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 40.6  | 33.0  | 49.4  |
| 54  | 49.2  | 39.5  | 59.3  |



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 1328

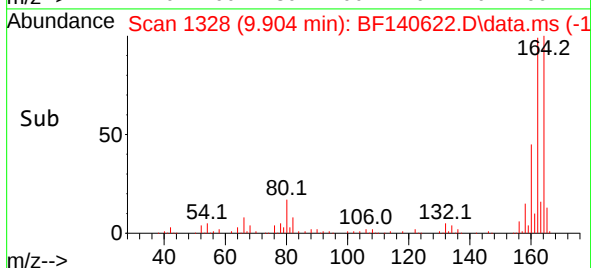
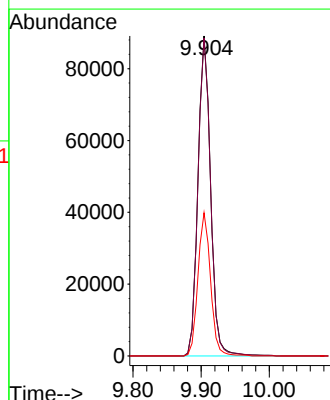
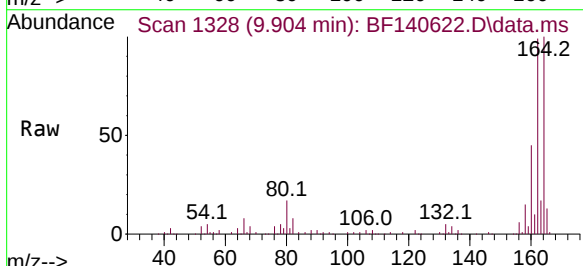
Delta R.T. -0.012 min

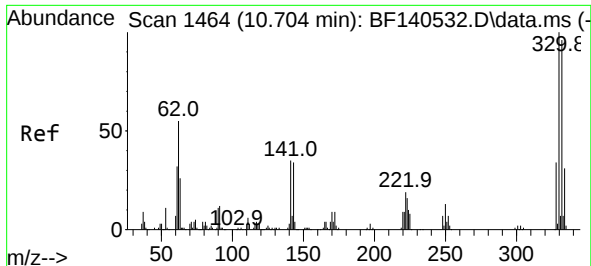
Lab File: BF140622.D

Acq: 25 Nov 2024 23:48

Tgt Ion: 164 Resp: 114728

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 162 | 99.3  | 80.6  | 120.8 |
| 160 | 44.7  | 36.2  | 54.4  |

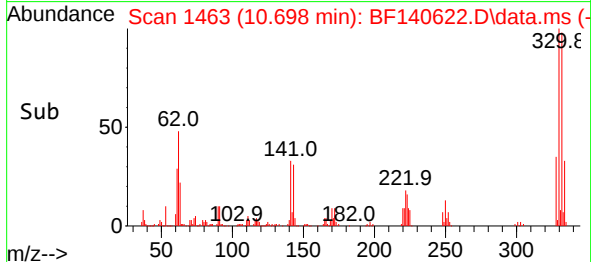
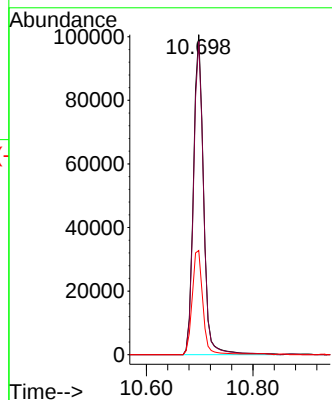
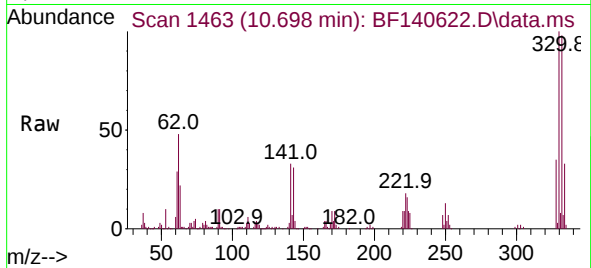




#42  
2,4,6-Tribromophenol  
Concen: 108.841 ng  
RT: 10.698 min Scan# 1463  
Delta R.T. -0.006 min  
Lab File: BF140622.D  
Acq: 25 Nov 2024 23:48

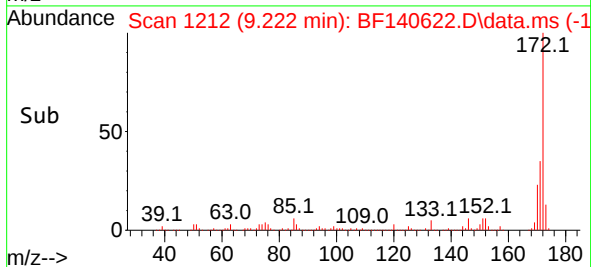
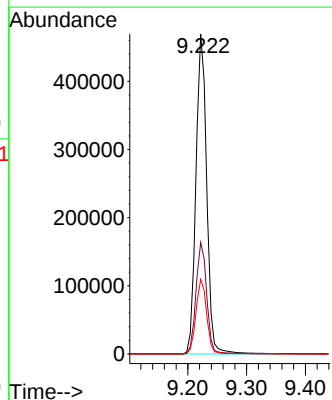
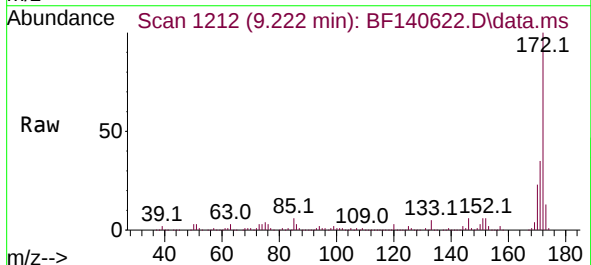
Instrument :  
BNA\_F  
ClientSampleId :  
PH2-BOT-002

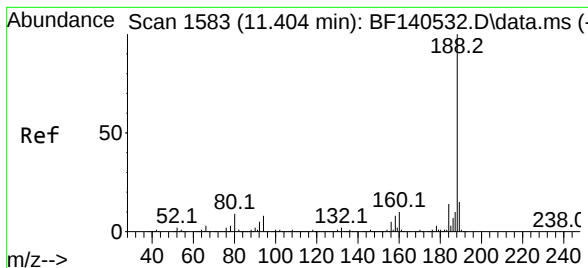
Tgt Ion:330 Resp: 133550  
Ion Ratio Lower Upper  
330 100  
332 97.2 76.9 115.3  
141 34.2 26.7 40.1



#45  
2-Fluorobiphenyl  
Concen: 77.406 ng  
RT: 9.222 min Scan# 1212  
Delta R.T. -0.012 min  
Lab File: BF140622.D  
Acq: 25 Nov 2024 23:48

Tgt Ion:172 Resp: 596040  
Ion Ratio Lower Upper  
172 100  
171 34.8 28.4 42.6  
170 23.3 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.392 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF140622.D

Acq: 25 Nov 2024 23:48

Instrument :

BNA\_F

ClientSampleId :

PH2-BOT-002

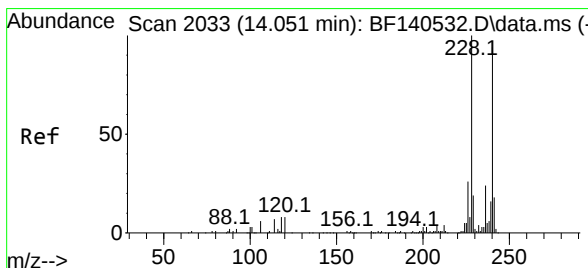
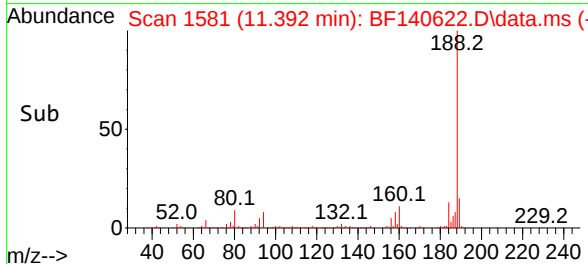
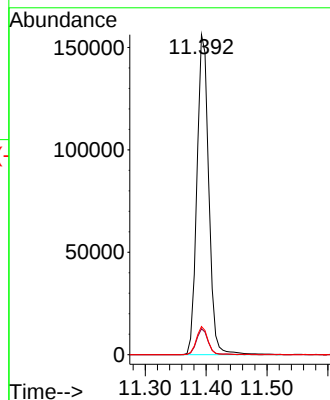
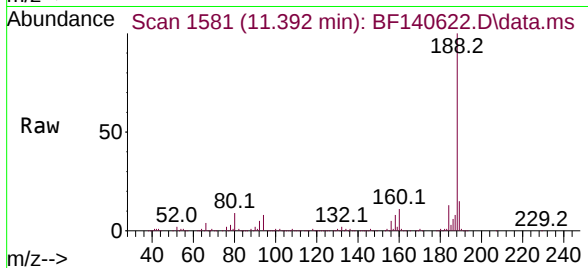
Tgt Ion:188 Resp: 210520

Ion Ratio Lower Upper

188 100

94 8.1 6.4 9.6

80 8.8 6.9 10.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 2032

Delta R.T. -0.006 min

Lab File: BF140622.D

Acq: 25 Nov 2024 23:48

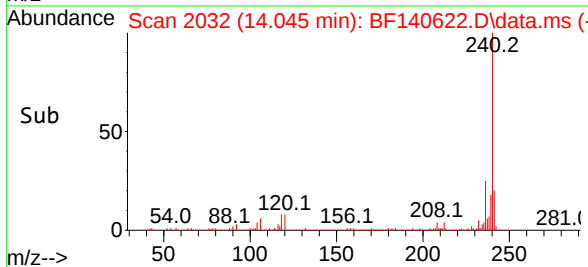
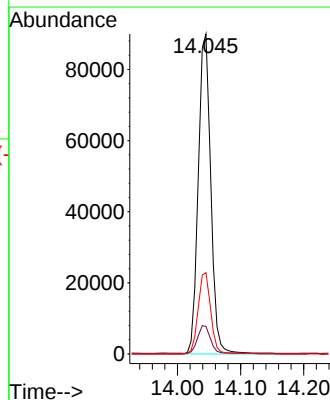
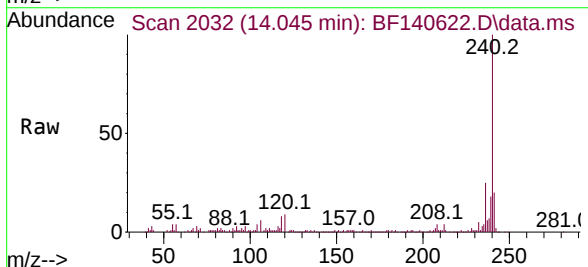
Tgt Ion:240 Resp: 124009

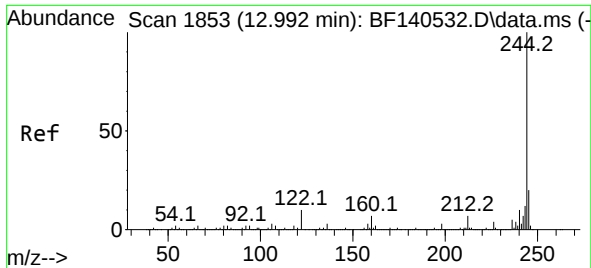
Ion Ratio Lower Upper

240 100

120 8.6 7.3 10.9

236 25.4 20.6 31.0

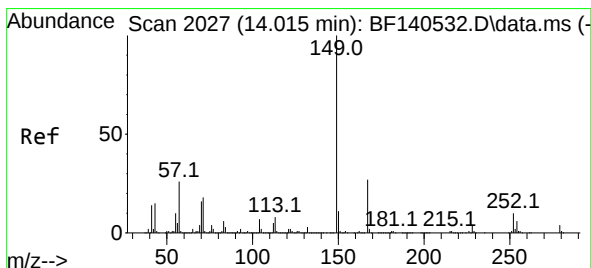
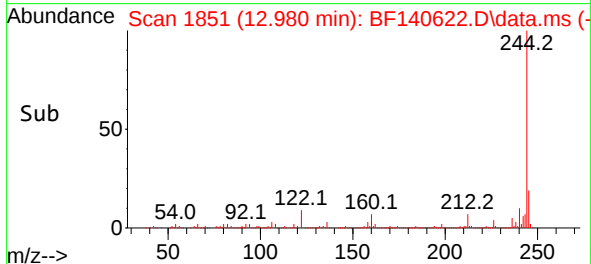
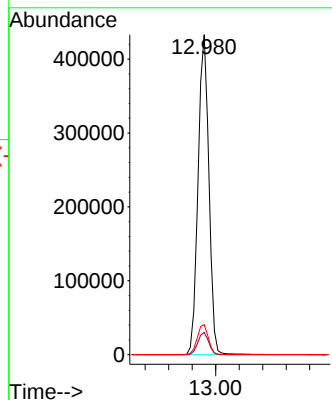
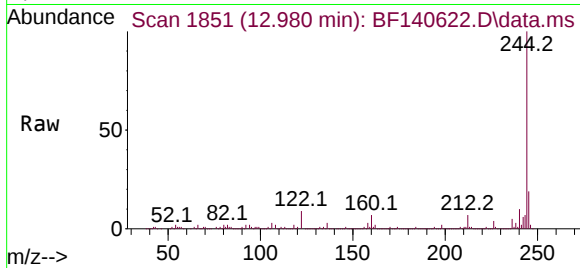




#79  
 Terphenyl-d14  
 Concen: 69.263 ng  
 RT: 12.980 min Scan# 1851  
 Delta R.T. -0.012 min  
 Lab File: BF140622.D  
 Acq: 25 Nov 2024 23:48

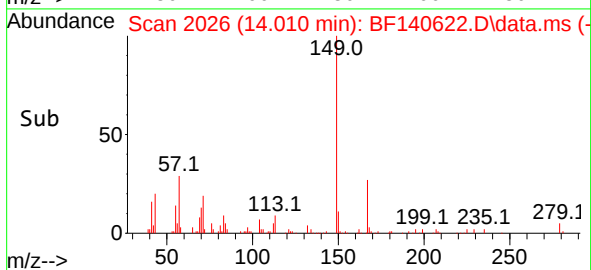
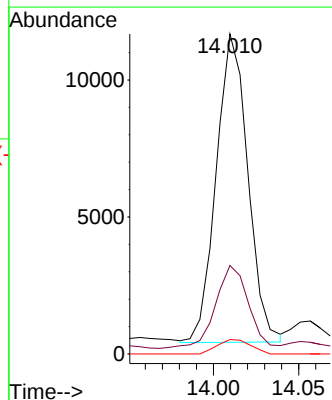
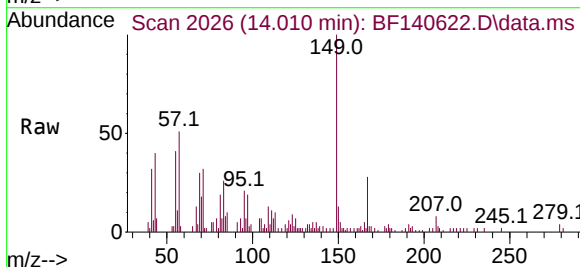
Instrument :  
 BNA\_F  
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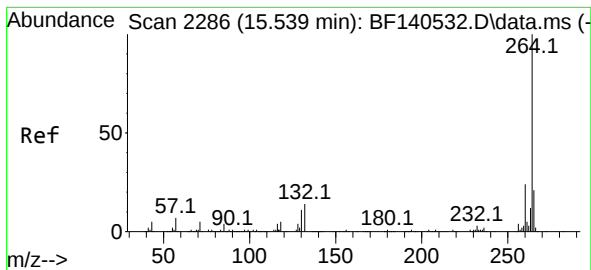
Tgt Ion:244 Resp: 551608  
 Ion Ratio Lower Upper  
 244 100  
 212 7.0 5.8 8.8  
 122 9.4 8.0 12.0



#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 2.781 ng  
 RT: 14.010 min Scan# 2026  
 Delta R.T. -0.006 min  
 Lab File: BF140622.D  
 Acq: 25 Nov 2024 23:48

Tgt Ion:149 Resp: 14506  
 Ion Ratio Lower Upper  
 149 100  
 167 27.6 21.2 31.8  
 279 4.5 3.2 4.8





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.539 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF140622.D

Acq: 25 Nov 2024 23:48

Instrument :

BNA\_F

ClientSampleId :

PH2-BOT-002

Tgt Ion:264 Resp: 108011

Ion Ratio Lower Upper

264 100

260 22.6 19.0 28.6

265 20.3 16.6 25.0

