

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF111424\  
 Data File : BF140357.D  
 Acq On : 14 Nov 2024 13:03  
 Operator : RC/JU  
 Sample : P4762-02  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 EFF-WW

Quant Time: Nov 14 13:43:40 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF111324.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Nov 13 14:40:06 2024  
 Response via : Initial Calibration

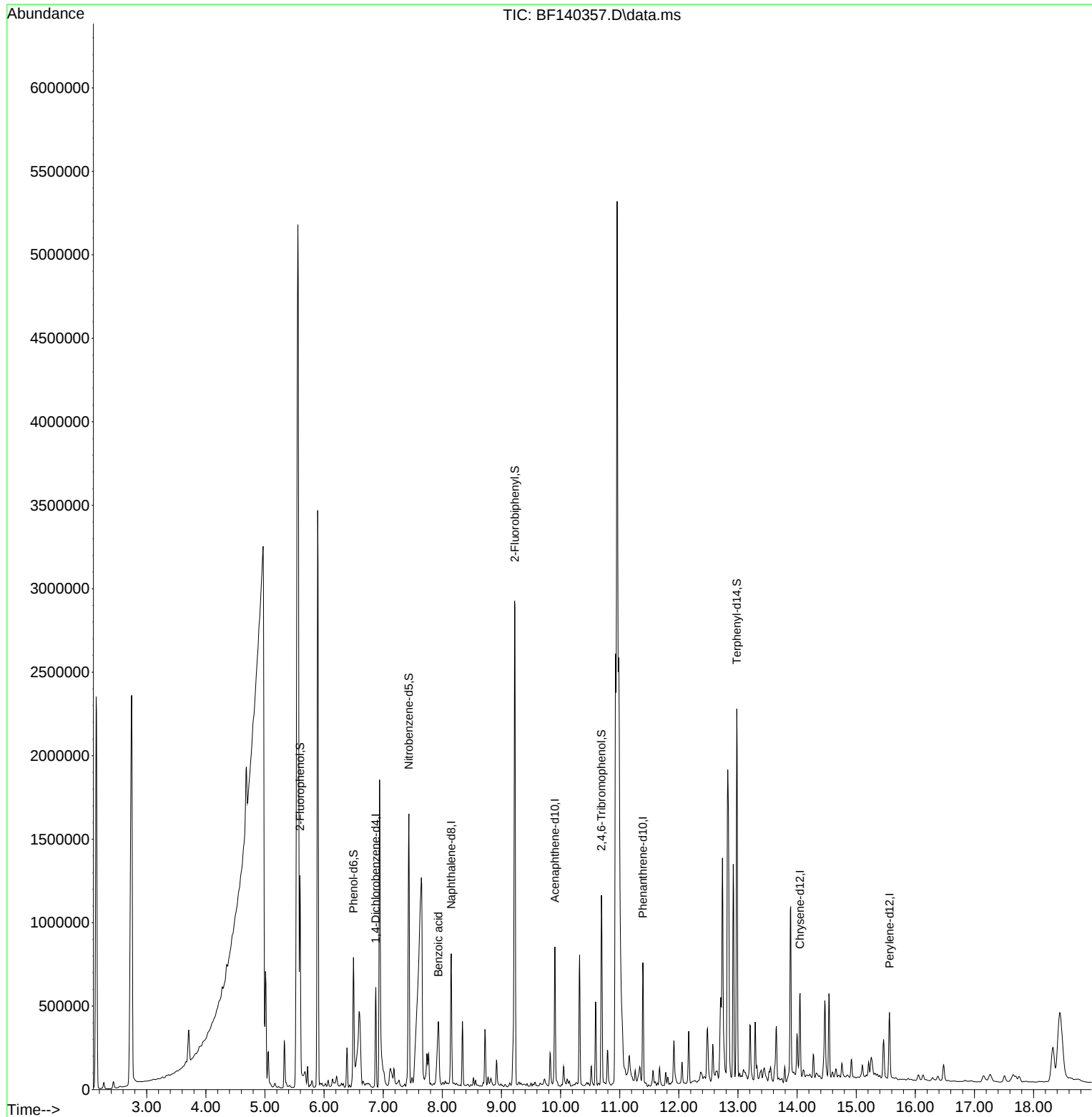
| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min)  |
|-----------------------------|--------|------|----------|--------|-------|-----------|
| -----                       |        |      |          |        |       |           |
| Internal Standards          |        |      |          |        |       |           |
| 1) 1,4-Dichlorobenzene-d4   | 6.875  | 152  | 123240   | 20.000 | ng    | 0.00      |
| 21) Naphthalene-d8          | 8.151  | 136  | 451667   | 20.000 | ng    | 0.00      |
| 39) Acenaphthene-d10        | 9.904  | 164  | 238339   | 20.000 | ng    | -0.01     |
| 64) Phenanthrene-d10        | 11.392 | 188  | 373961   | 20.000 | ng    | -0.01     |
| 76) Chrysene-d12            | 14.051 | 240  | 234451   | 20.000 | ng    | 0.00      |
| 86) Perylene-d12            | 15.562 | 264  | 231752   | 20.000 | ng    | 0.00      |
| System Monitoring Compounds |        |      |          |        |       |           |
| 5) 2-Fluorophenol           | 5.592  | 112  | 372864   | 51.657 | ng    | 0.10      |
| 7) Phenol-d6                | 6.498  | 99   | 348378   | 35.624 | ng    | 0.00      |
| 23) Nitrobenzene-d5         | 7.434  | 82   | 757360   | 87.366 | ng    | 0.00      |
| 42) 2,4,6-Tribromophenol    | 10.692 | 330  | 187750   | 79.216 | ng    | -0.01     |
| 45) 2-Fluorobiphenyl        | 9.227  | 172  | 1320167  | 89.043 | ng    | 0.00      |
| 79) Terphenyl-d14           | 12.980 | 244  | 1076853  | 79.726 | ng    | 0.00      |
| Target Compounds            |        |      |          |        |       |           |
| 32) Benzoic acid            | 7.933  | 122  | 171062   | 37.912 | ng    | Qvalue 98 |
| -----                       |        |      |          |        |       |           |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF111424\  
Data File : BF140357.D  
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Sample : P4762-02  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
EFF-WW

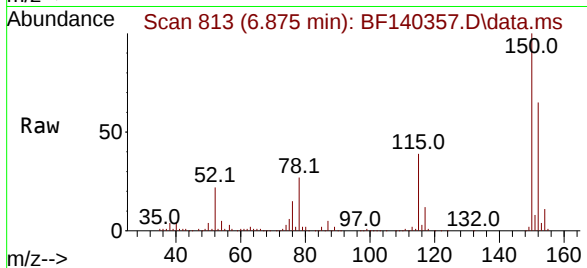
Quant Time: Nov 14 13:43:40 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF111324.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Nov 13 14:40:06 2024  
Response via : Initial Calibration



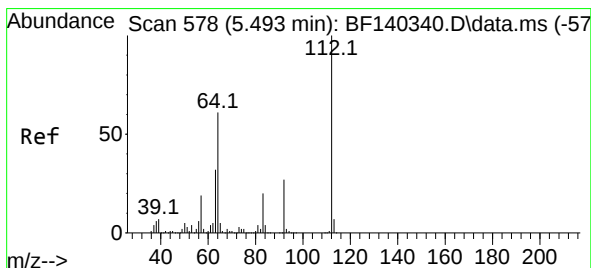
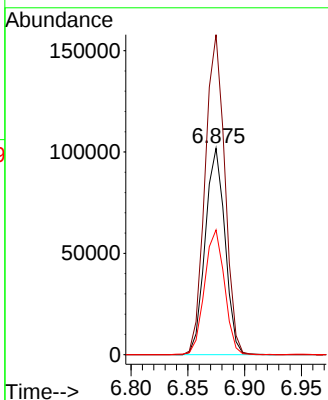
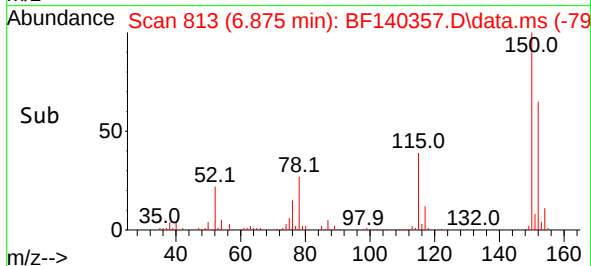


#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.875 min Scan# 813  
Delta R.T. -0.006 min  
Lab File: BF140357.D  
Acq: 14 Nov 2024 13:03

Instrument :  
BNA\_F  
ClientSampleId :  
EFF-WW

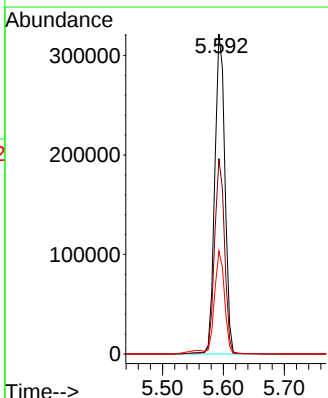
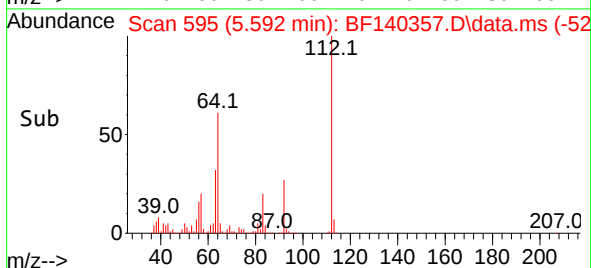
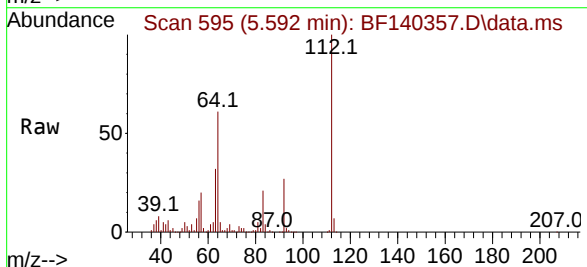


Tgt Ion:152 Resp: 123240  
Ion Ratio Lower Upper  
152 100  
150 155.0 127.4 191.0  
115 60.4 47.4 71.2



#5  
2-Fluorophenol  
Concen: 51.657 ng  
RT: 5.592 min Scan# 595  
Delta R.T. 0.100 min  
Lab File: BF140357.D  
Acq: 14 Nov 2024 13:03

Tgt Ion:112 Resp: 372864  
Ion Ratio Lower Upper  
112 100  
64 61.1 49.2 73.8  
63 32.1 25.6 38.4

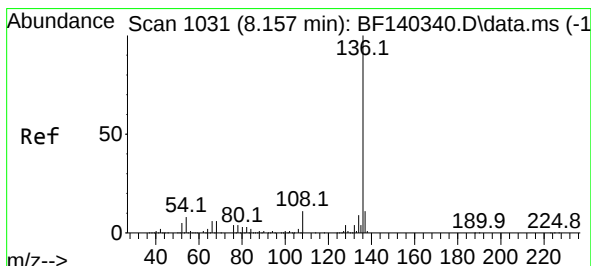
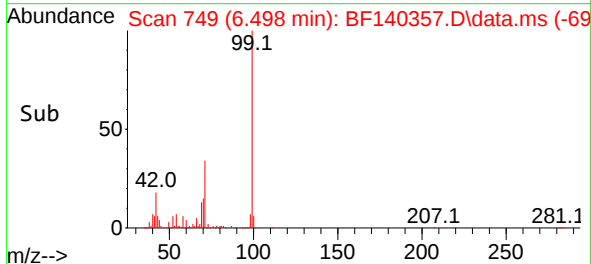
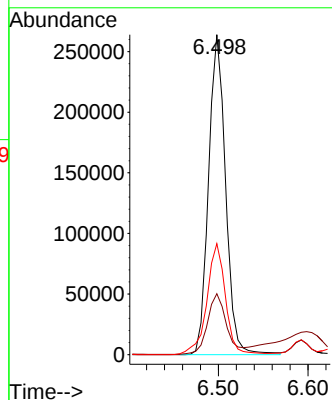
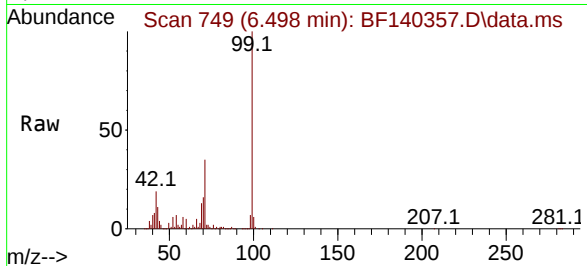




#7  
Phenol-d6  
Concen: 35.624 ng  
RT: 6.498 min Scan# 74  
Delta R.T. -0.006 min  
Lab File: BF140357.D  
Acq: 14 Nov 2024 13:03

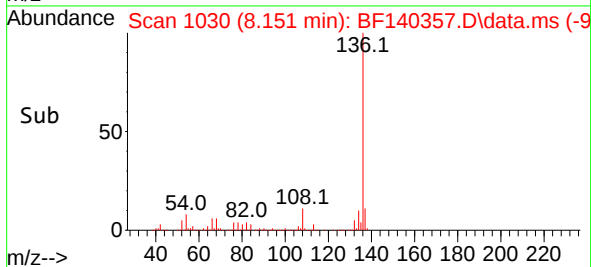
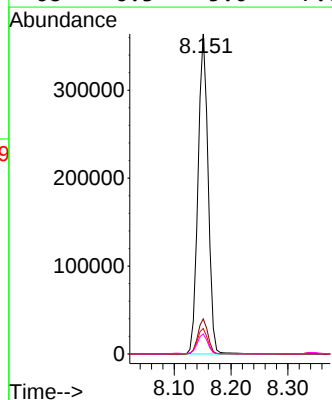
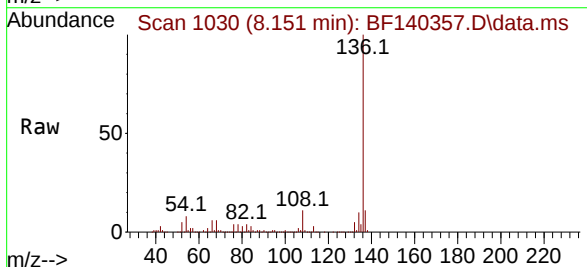
Instrument :  
BNA\_F  
ClientSampleId :  
EFF-WW

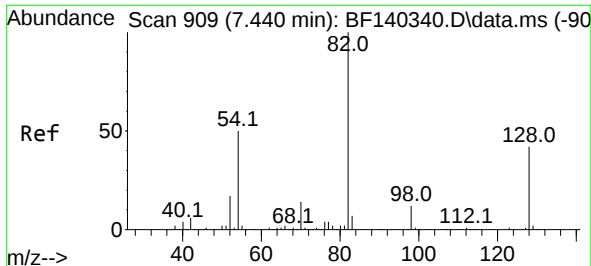
Tgt Ion: 99 Resp: 348378  
Ion Ratio Lower Upper  
99 100  
42 19.1 15.1 22.7  
71 34.7 27.9 41.9



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.151 min Scan# 1030  
Delta R.T. -0.006 min  
Lab File: BF140357.D  
Acq: 14 Nov 2024 13:03

Tgt Ion: 136 Resp: 451667  
Ion Ratio Lower Upper  
136 100  
137 11.0 8.7 13.1  
54 8.0 6.5 9.7  
68 6.3 5.0 7.6

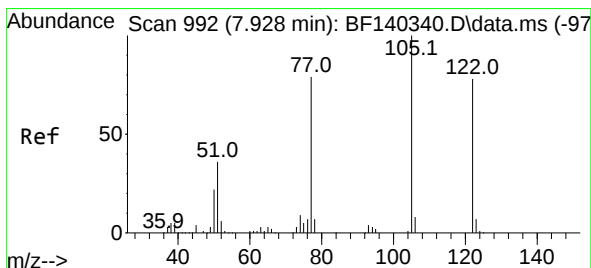
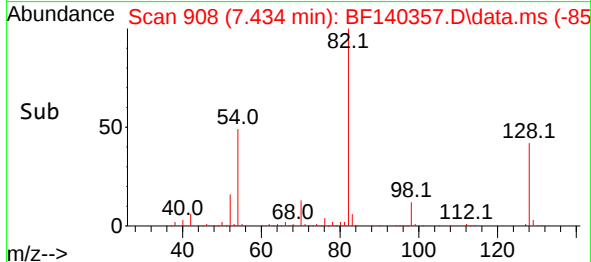
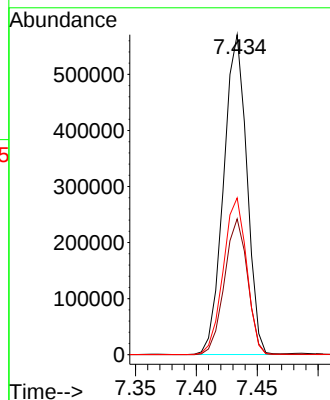
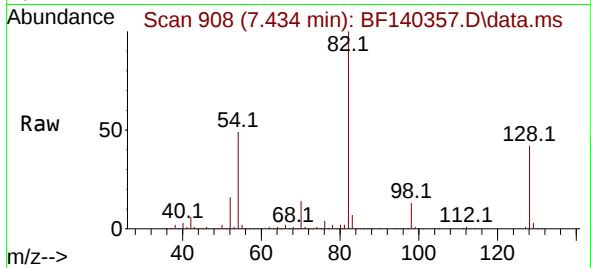




#23  
Nitrobenzene-d5  
Concen: 87.366 ng  
RT: 7.434 min Scan# 909  
Delta R.T. -0.006 min  
Lab File: BF140357.D  
Acq: 14 Nov 2024 13:03

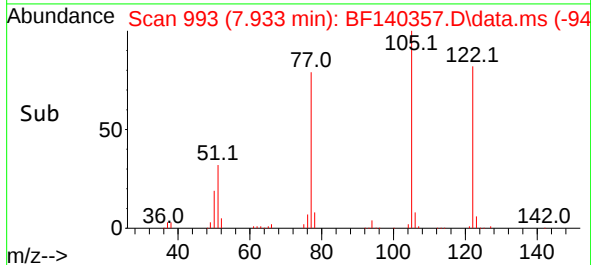
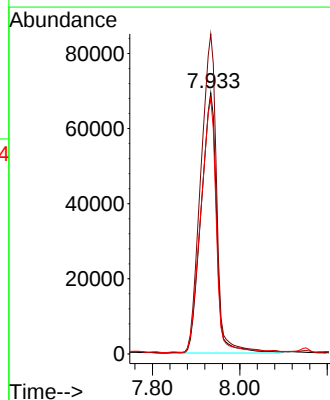
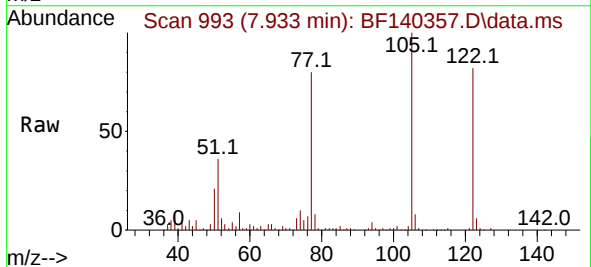
Instrument :  
BNA\_F  
ClientSampleId :  
EFF-WW

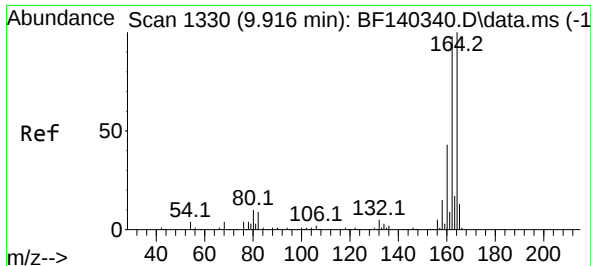
Tgt Ion: 82 Resp: 757360  
Ion Ratio Lower Upper  
82 100  
128 42.4 33.3 49.9  
54 49.0 39.8 59.8



#32  
Benzoic acid  
Concen: 37.912 ng  
RT: 7.933 min Scan# 993  
Delta R.T. 0.006 min  
Lab File: BF140357.D  
Acq: 14 Nov 2024 13:03

Tgt Ion:122 Resp: 171062  
Ion Ratio Lower Upper  
122 100  
105 122.6 100.9 140.9  
77 97.9 76.0 116.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF140357.D

Acq: 14 Nov 2024 13:03

Instrument :

BNA\_F

ClientSampleId :

EFF-WW

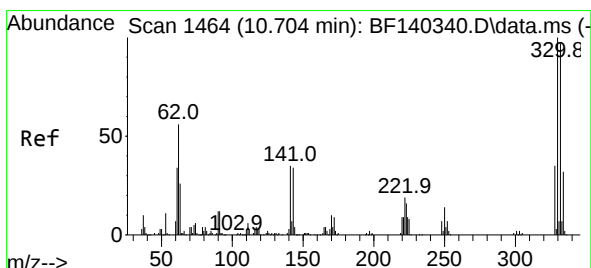
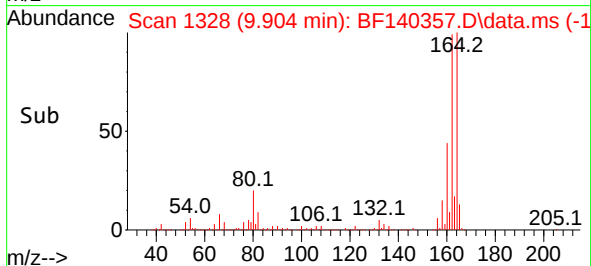
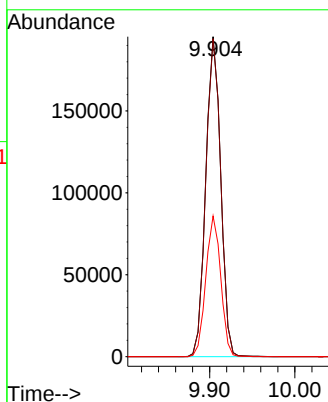
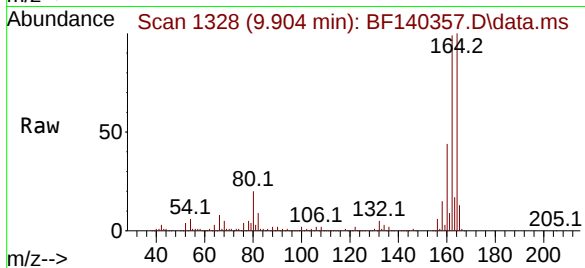
Tgt Ion:164 Resp: 238339

Ion Ratio Lower Upper

164 100

162 99.4 79.8 119.8

160 44.0 35.4 53.0



#42

2,4,6-Tribromophenol

Concen: 79.216 ng

RT: 10.692 min Scan# 1462

Delta R.T. -0.012 min

Lab File: BF140357.D

Acq: 14 Nov 2024 13:03

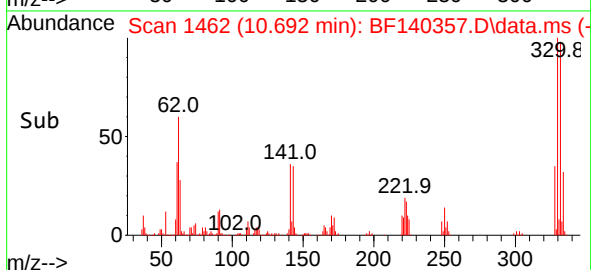
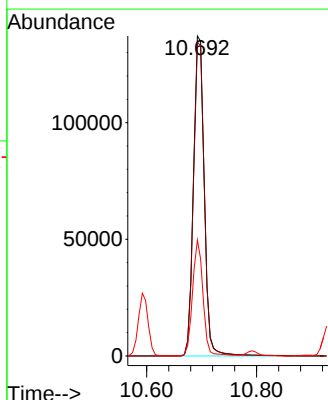
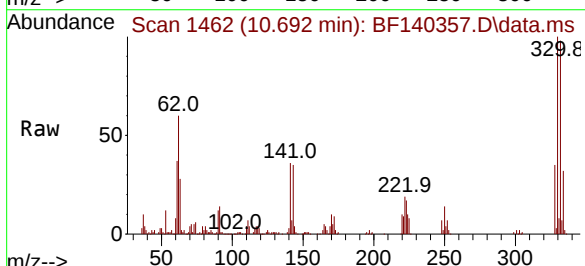
Tgt Ion:330 Resp: 187750

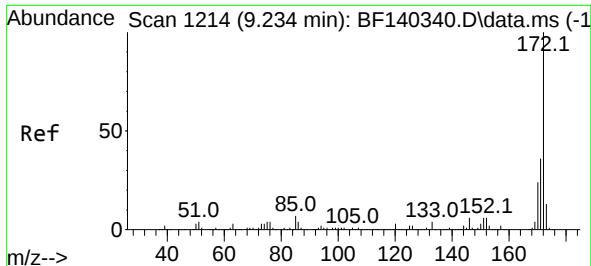
Ion Ratio Lower Upper

330 100

332 98.0 75.9 113.9

141 34.4 26.9 40.3

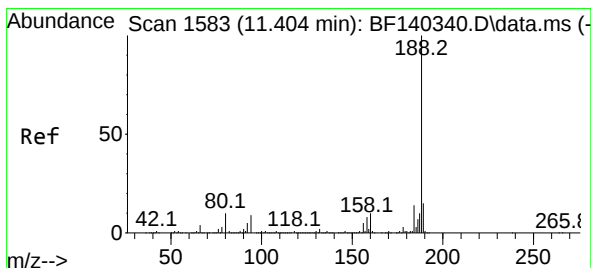
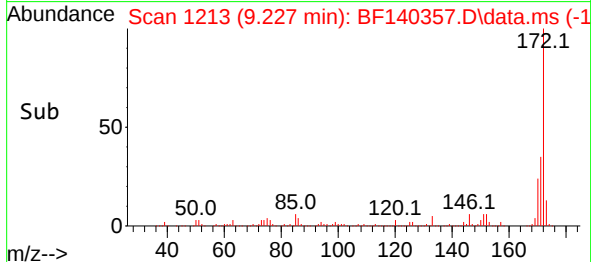
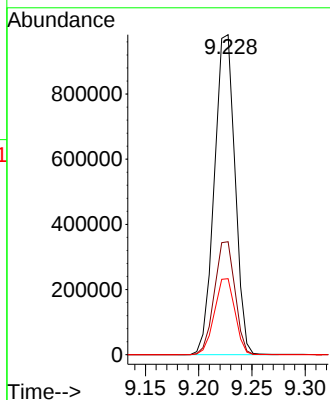
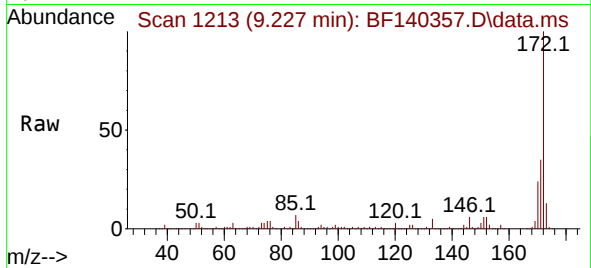




#45  
2-Fluorobiphenyl  
Concen: 89.043 ng  
RT: 9.227 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF140357.D  
Acq: 14 Nov 2024 13:03

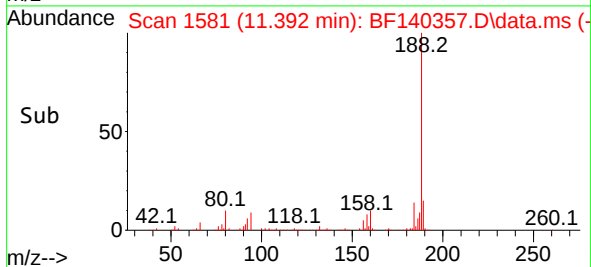
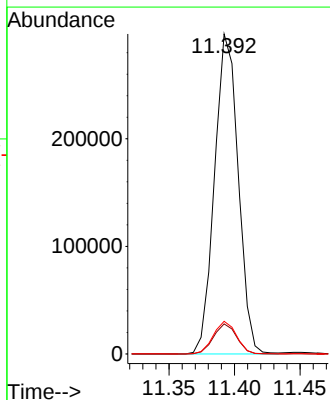
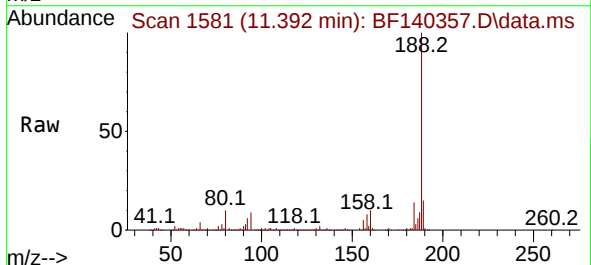
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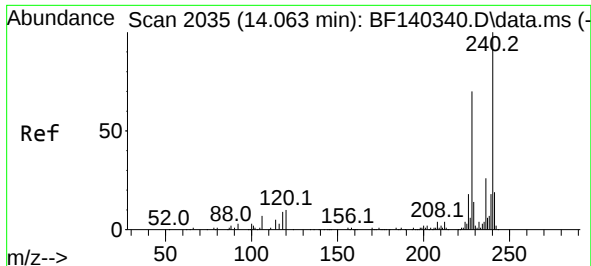
Tgt Ion:172 Resp: 1320167  
Ion Ratio Lower Upper  
172 100  
171 35.3 28.5 42.7  
170 23.8 19.1 28.7



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.392 min Scan# 1581  
Delta R.T. -0.012 min  
Lab File: BF140357.D  
Acq: 14 Nov 2024 13:03

Tgt Ion:188 Resp: 373961  
Ion Ratio Lower Upper  
188 100  
94 9.4 7.6 11.4  
80 10.2 8.0 12.0

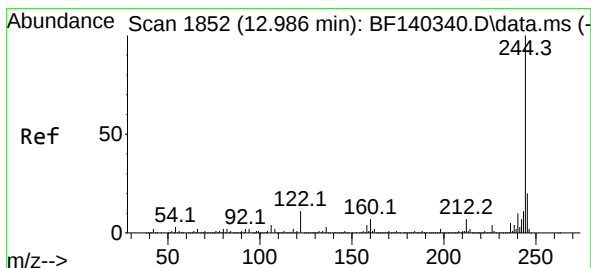
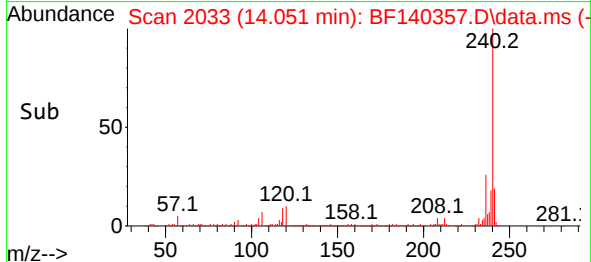
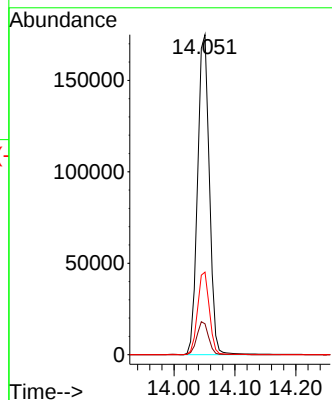
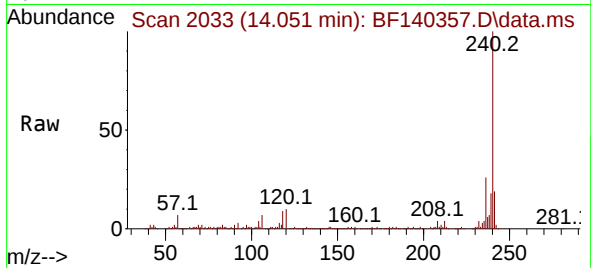




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.051 min Scan# 2035  
Delta R.T. -0.000 min  
Lab File: BF140357.D  
Acq: 14 Nov 2024 13:03

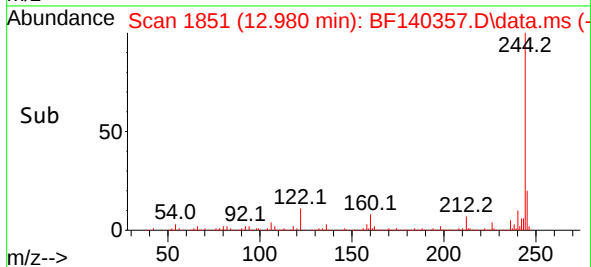
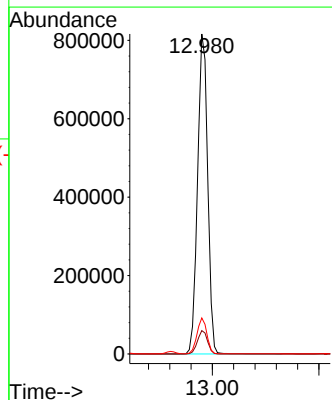
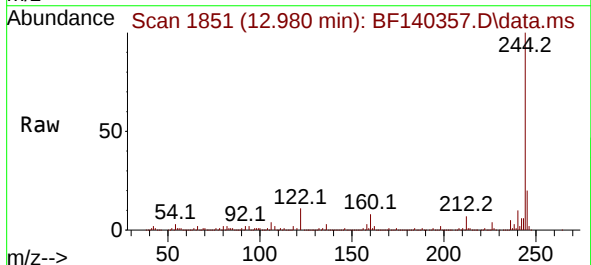
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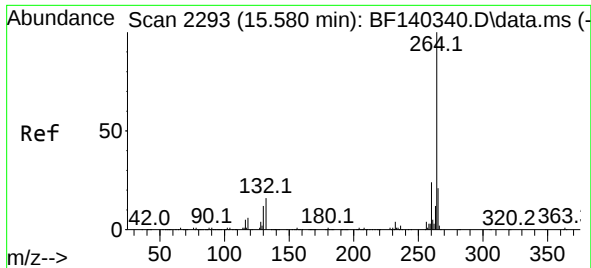
Tgt Ion:240 Resp: 234451  
Ion Ratio Lower Upper  
240 100  
120 9.7 8.8 13.2  
236 25.8 20.9 31.3



#79  
Terphenyl-d14  
Concen: 79.726 ng  
RT: 12.980 min Scan# 1851  
Delta R.T. -0.006 min  
Lab File: BF140357.D  
Acq: 14 Nov 2024 13:03

Tgt Ion:244 Resp: 1076853  
Ion Ratio Lower Upper  
244 100  
212 7.3 5.8 8.8  
122 11.3 8.8 13.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.562 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF140357.D

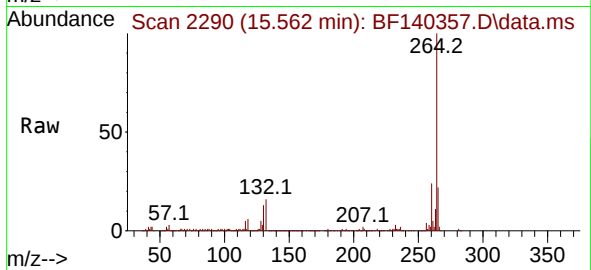
Acq: 14 Nov 2024 13:03

Instrument :

BNA\_F

ClientSampleId :

EFF-WW



Tgt Ion:264 Resp: 231752

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

265 21.5 17.1 25.7

