

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF110724\  
 Data File : BF140269.D  
 Acq On : 07 Nov 2024 12:40  
 Operator : RC/JU  
 Sample : P4697-01  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-1

Quant Time: Nov 07 13:33:53 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF110524.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Nov 05 16:47:56 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.875  | 152  | 123710   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.157  | 136  | 471834   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.910  | 164  | 271556   | 20.000  | ng    | -0.01    |
| 64) Phenanthrene-d10        | 11.404 | 188  | 492226   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 14.051 | 240  | 289097   | 20.000  | ng    | -0.01    |
| 86) Perylene-d12            | 15.557 | 264  | 294829   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.493  | 112  | 814365   | 109.092 | ng    | 0.00     |
| 7) Phenol-d6                | 6.498  | 99   | 1040960  | 108.413 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.434  | 82   | 688286   | 72.526  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 10.704 | 330  | 316508   | 117.916 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.234  | 172  | 1228021  | 72.210  | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.992 | 244  | 1279816  | 72.519  | ng    | 0.00     |

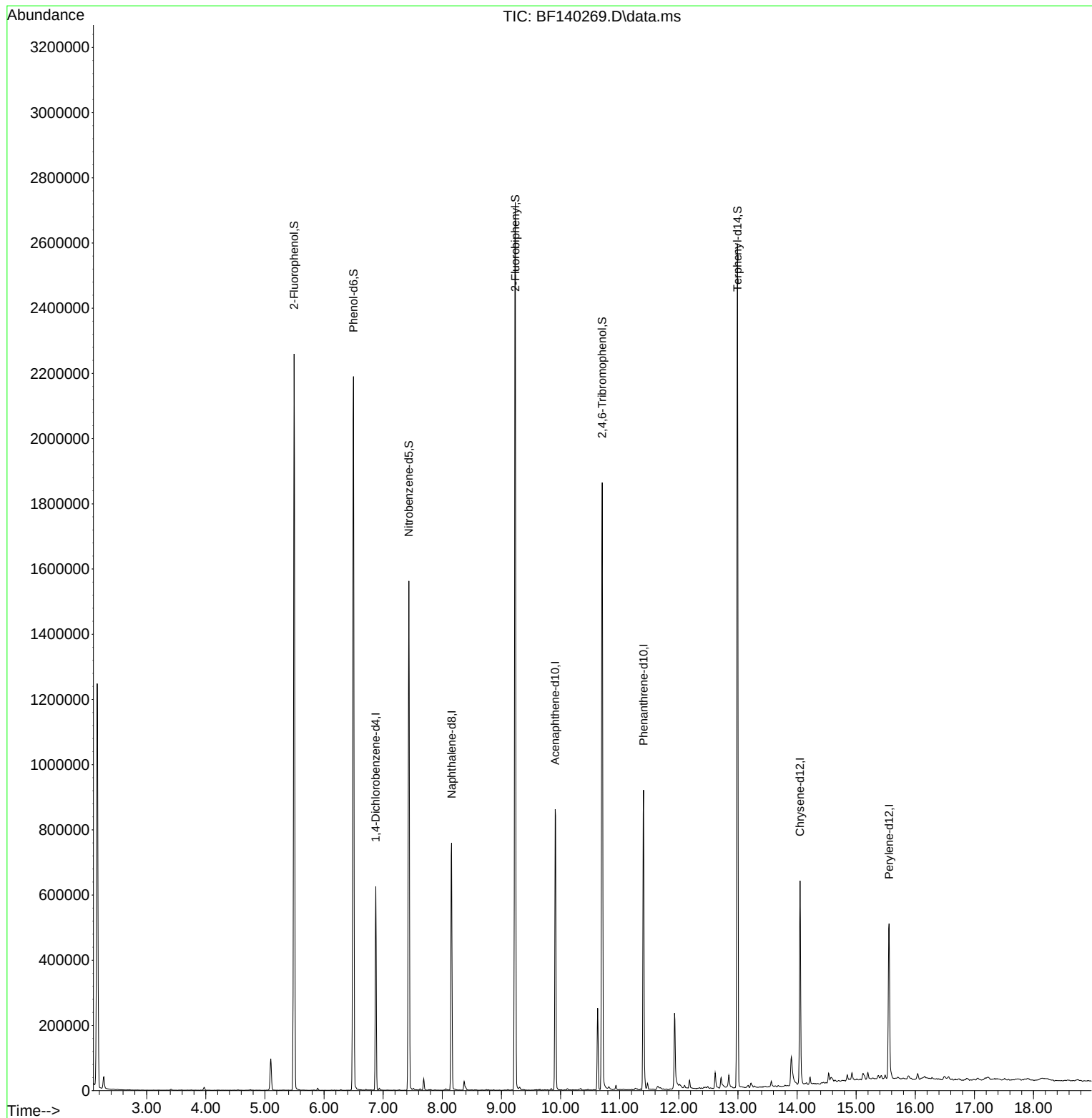
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

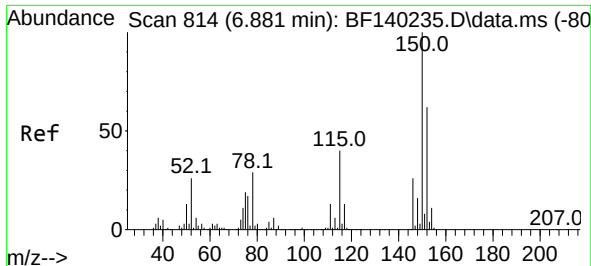
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Nov 05 16:47:56 2024  
Response via : Initial Calibration

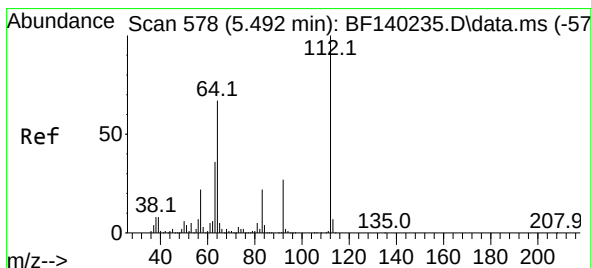
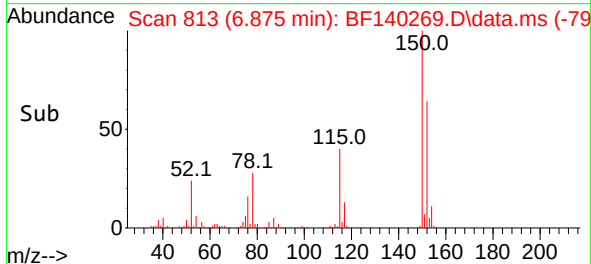
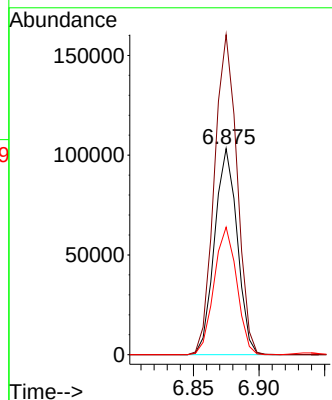
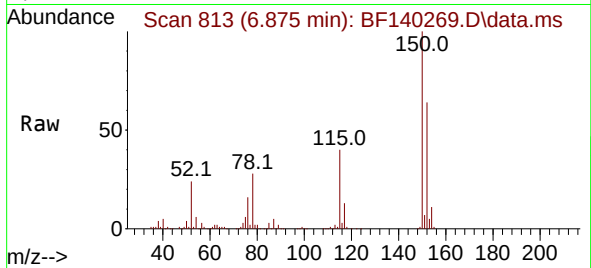




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.875 min Scan# 814  
Delta R.T. -0.006 min  
Lab File: BF140269.D  
Acq: 07 Nov 2024 12:40

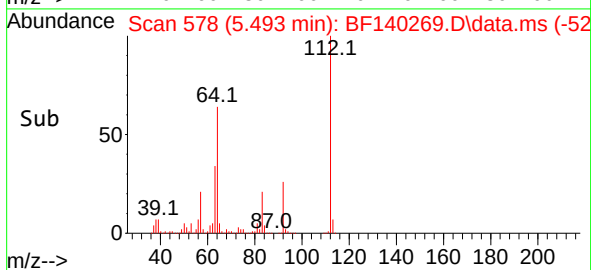
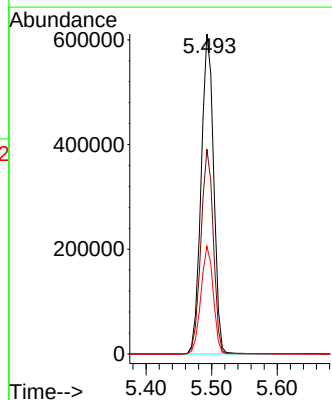
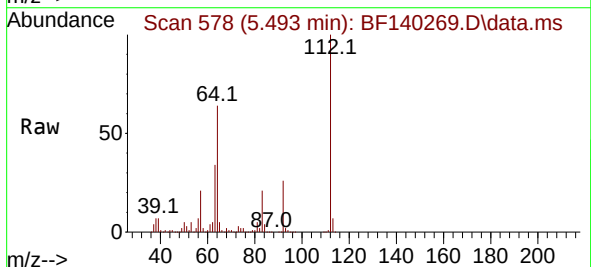
Instrument :  
BNA\_F  
ClientSampleId :  
TP-1

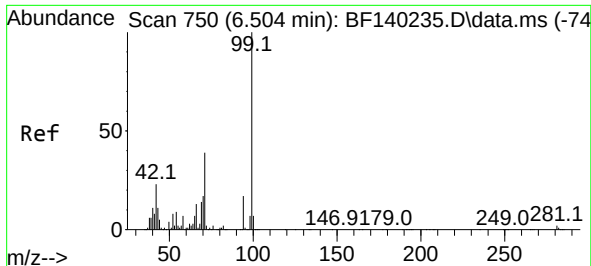
Tgt Ion:152 Resp: 123710  
Ion Ratio Lower Upper  
152 100  
150 155.3 129.4 194.2  
115 61.9 51.5 77.3



#5  
2-Fluorophenol  
Concen: 109.092 ng  
RT: 5.493 min Scan# 578  
Delta R.T. 0.000 min  
Lab File: BF140269.D  
Acq: 07 Nov 2024 12:40

Tgt Ion:112 Resp: 814365  
Ion Ratio Lower Upper  
112 100  
64 64.0 53.4 80.2  
63 33.6 28.9 43.3

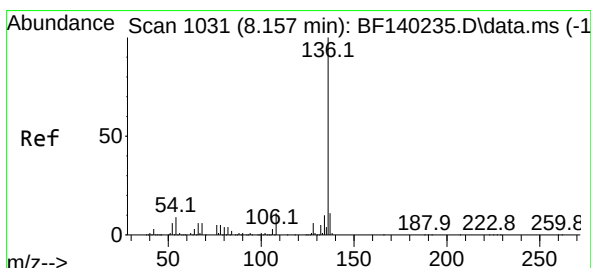
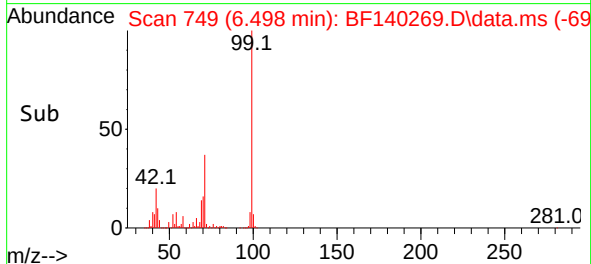
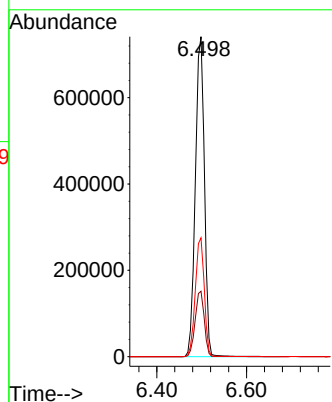
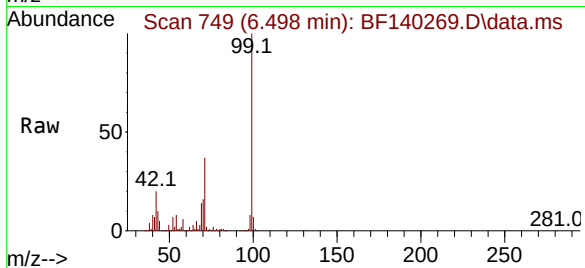




#7  
Phenol-d6  
Concen: 108.413 ng  
RT: 6.498 min Scan# 749  
Delta R.T. -0.006 min  
Lab File: BF140269.D  
Acq: 07 Nov 2024 12:40

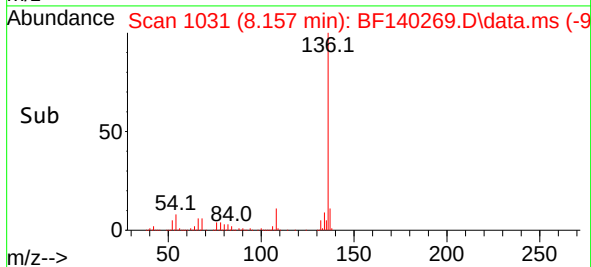
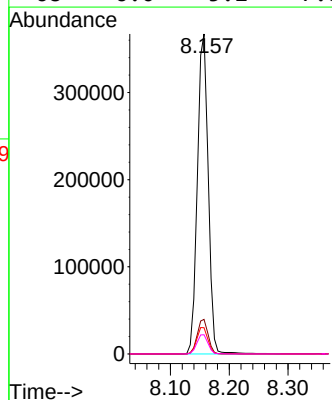
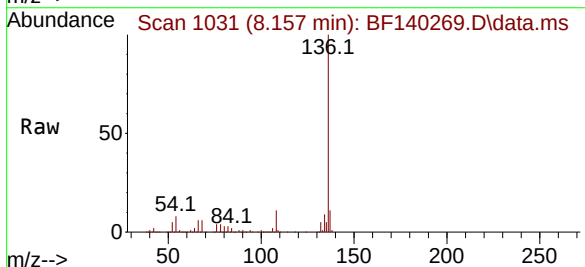
Instrument :  
BNA\_F  
ClientSampleId :  
TP-1

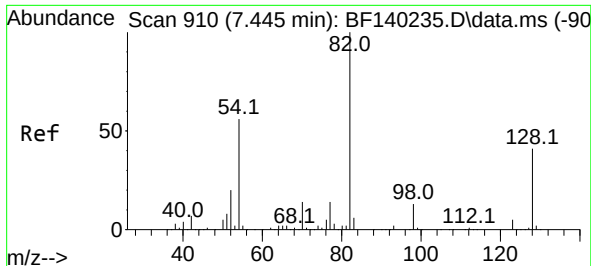
Tgt Ion: 99 Resp: 1040960  
Ion Ratio Lower Upper  
99 100  
42 20.5 18.2 27.2  
71 37.1 30.9 46.3



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.157 min Scan# 1031  
Delta R.T. 0.000 min  
Lab File: BF140269.D  
Acq: 07 Nov 2024 12:40

Tgt Ion: 136 Resp: 471834  
Ion Ratio Lower Upper  
136 100  
137 10.8 9.0 13.6  
54 8.2 7.7 11.5  
68 6.0 5.2 7.8

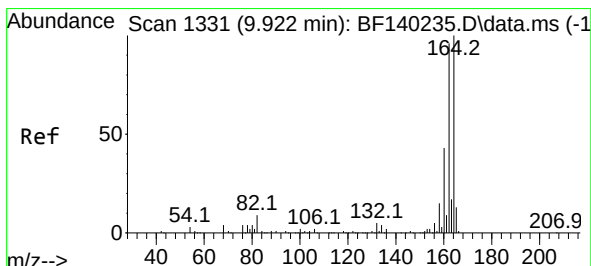
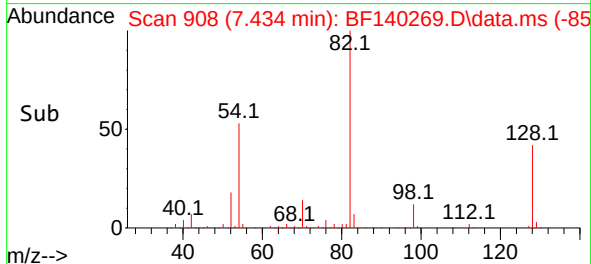
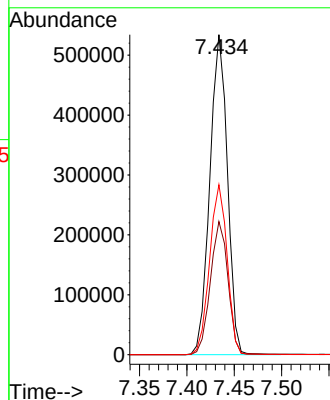
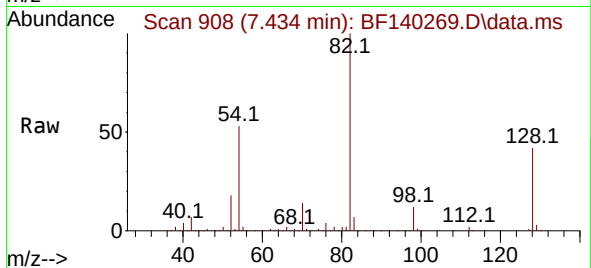




#23  
Nitrobenzene-d5  
Concen: 72.526 ng  
RT: 7.434 min Scan# 90  
Delta R.T. -0.012 min  
Lab File: BF140269.D  
Acq: 07 Nov 2024 12:40

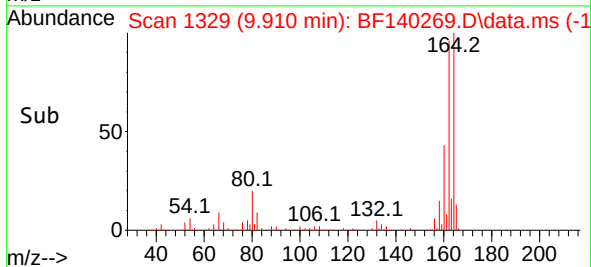
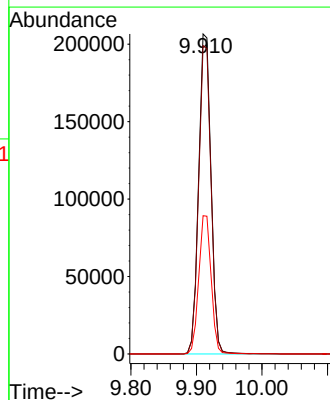
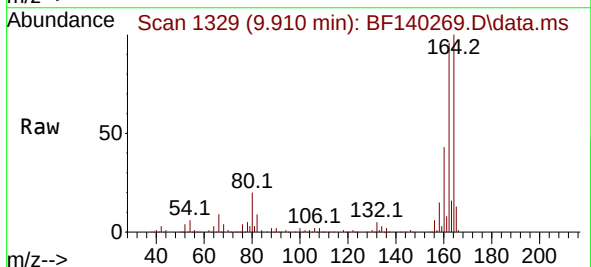
Instrument :  
BNA\_F  
ClientSampleId :  
TP-1

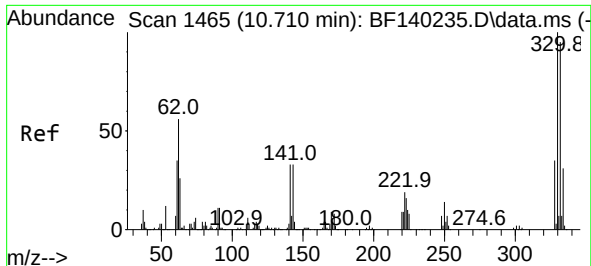
Tgt Ion: 82 Resp: 688286  
Ion Ratio Lower Upper  
82 100  
128 41.6 32.8 49.2  
54 53.1 44.3 66.5



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.910 min Scan# 1329  
Delta R.T. -0.012 min  
Lab File: BF140269.D  
Acq: 07 Nov 2024 12:40

Tgt Ion:164 Resp: 271556  
Ion Ratio Lower Upper  
164 100  
162 96.3 77.0 115.4  
160 43.2 34.1 51.1





#42

2,4,6-Tribromophenol

Concen: 117.916 ng

RT: 10.704 min Scan# 1464

Delta R.T. -0.006 min

Lab File: BF140269.D

Acq: 07 Nov 2024 12:40

Instrument :

BNA\_F

ClientSampleId :

TP-1

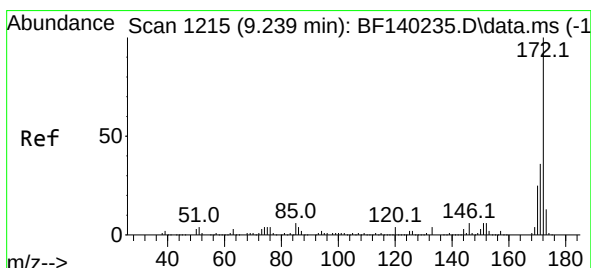
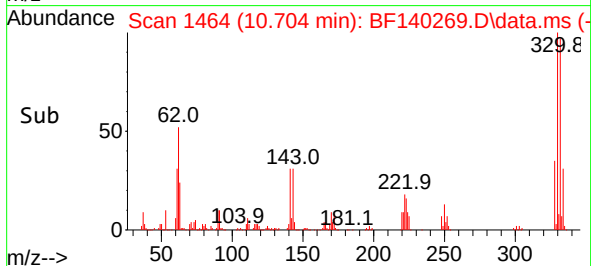
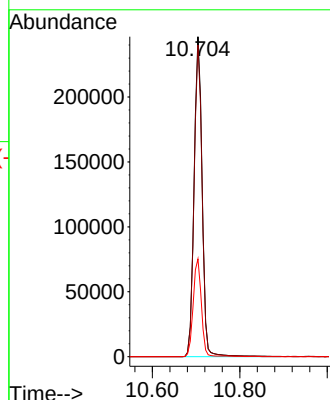
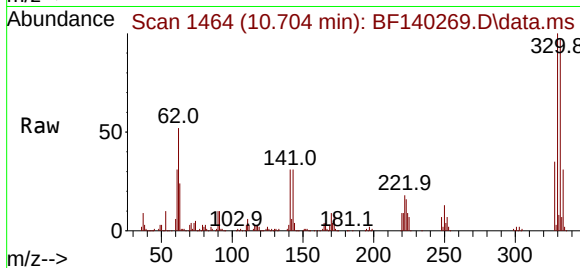
Tgt Ion:330 Resp: 316508

Ion Ratio Lower Upper

330 100

332 97.5 76.4 114.6

141 31.0 27.0 40.4



#45

2-Fluorobiphenyl

Concen: 72.210 ng

RT: 9.234 min Scan# 1214

Delta R.T. -0.006 min

Lab File: BF140269.D

Acq: 07 Nov 2024 12:40

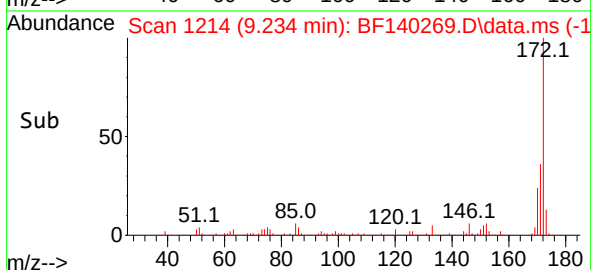
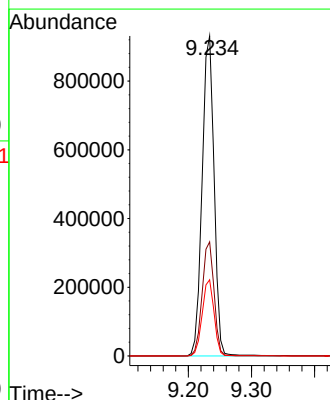
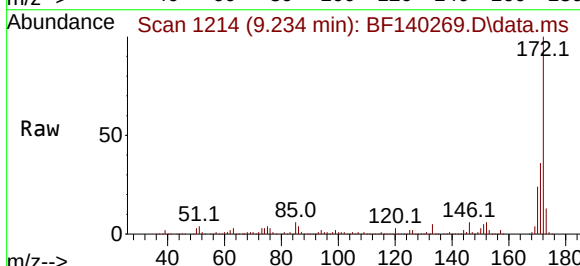
Tgt Ion:172 Resp: 1228021

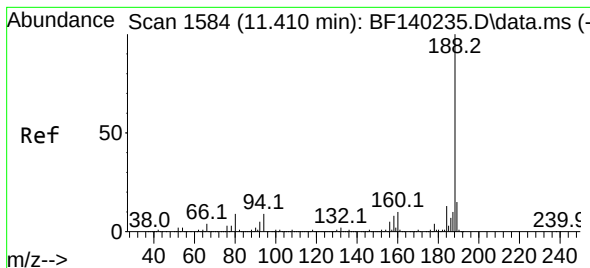
Ion Ratio Lower Upper

172 100

171 35.7 28.8 43.2

170 23.8 19.6 29.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.404 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140269.D

Acq: 07 Nov 2024 12:40

Instrument :

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ClientSampleId :

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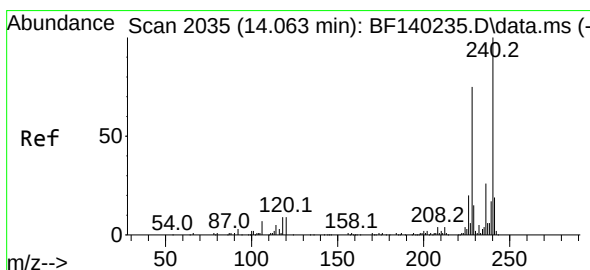
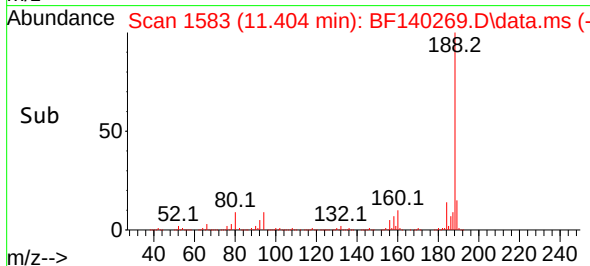
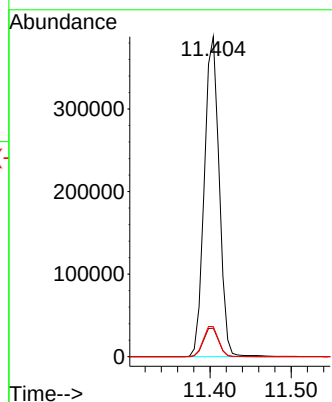
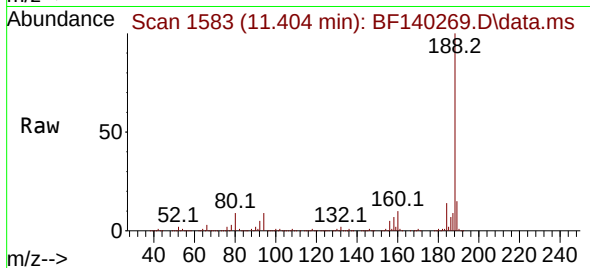
Tgt Ion:188 Resp: 492226

Ion Ratio Lower Upper

188 100

94 8.9 6.9 10.3

80 9.4 7.5 11.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.051 min Scan# 2033

Delta R.T. -0.012 min

Lab File: BF140269.D

Acq: 07 Nov 2024 12:40

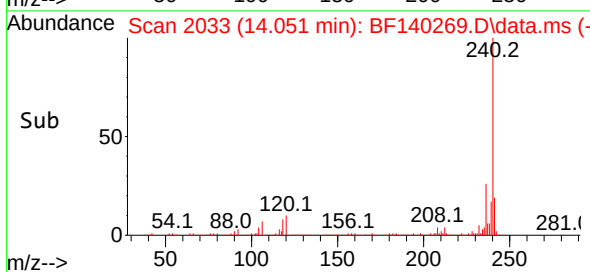
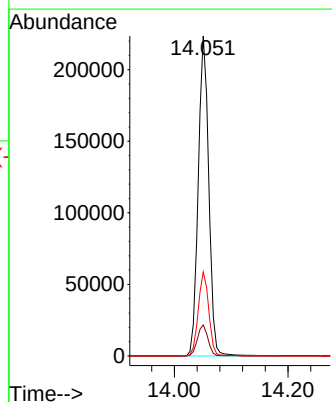
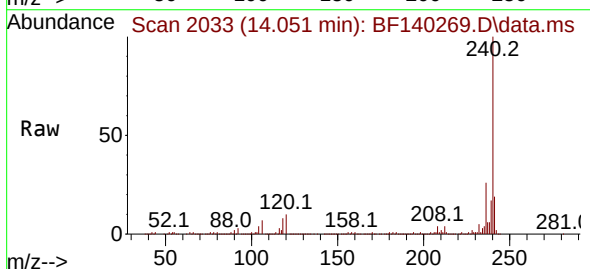
Tgt Ion:240 Resp: 289097

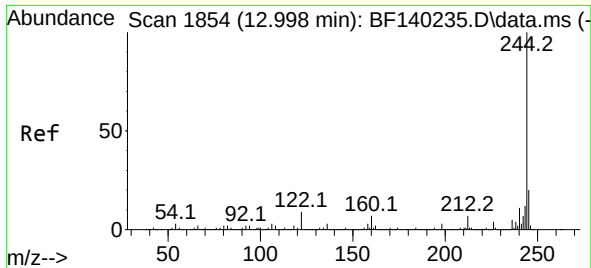
Ion Ratio Lower Upper

240 100

120 9.7 7.5 11.3

236 26.3 20.9 31.3

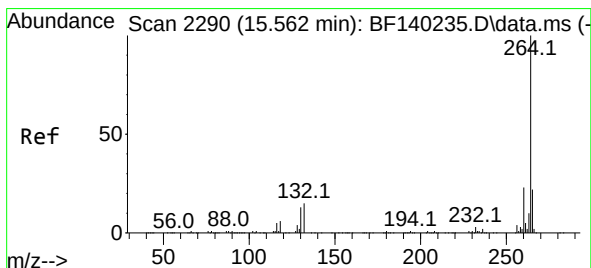
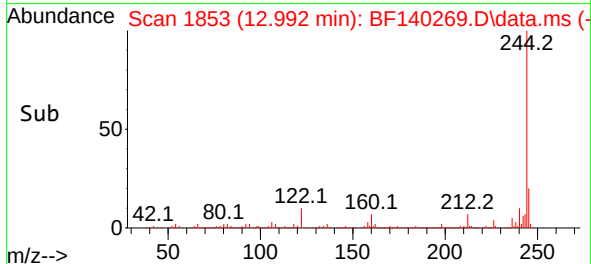
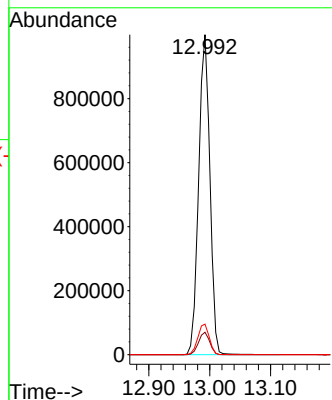
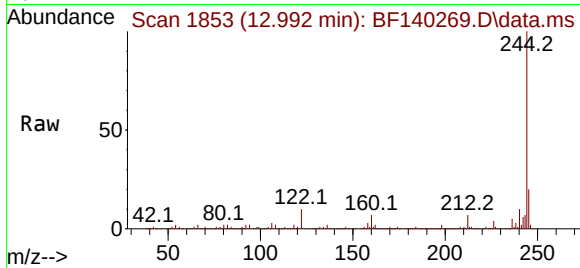




#79  
 Terphenyl-d14  
 Concen: 72.519 ng  
 RT: 12.992 min Scan# 11  
 Delta R.T. -0.006 min  
 Lab File: BF140269.D  
 Acq: 07 Nov 2024 12:40

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-1

Tgt Ion:244 Resp: 1279816  
 Ion Ratio Lower Upper  
 244 100  
 212 7.0 6.0 9.0  
 122 9.6 7.6 11.4



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.557 min Scan# 2289  
 Delta R.T. -0.006 min  
 Lab File: BF140269.D  
 Acq: 07 Nov 2024 12:40

Tgt Ion:264 Resp: 294829  
 Ion Ratio Lower Upper  
 264 100  
 260 23.7 18.8 28.2  
 265 21.5 17.3 25.9

