

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF112823\  
 Data File : BF136267.D  
 Acq On : 29 Nov 2023 00:49  
 Operator : CG\JU  
 Sample : 05519-01 5X  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 OK-02-112123

Quant Time: Nov 29 03:12:40 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF112723.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Nov 28 03:04:20 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.804  | 152  | 114628   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.081  | 136  | 395895   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.834  | 164  | 153312   | 20.000 | ng    | -0.01    |
| 64) Phenanthrene-d10        | 11.328 | 188  | 270694   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12            | 13.980 | 240  | 268444   | 20.000 | ng    | -0.01    |
| 86) Perylene-d12            | 15.463 | 264  | 188279   | 20.000 | ng    | -0.01    |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.428  | 112  | 115723   | 14.051 | ng    | -0.01    |
| 7) Phenol-d6                | 6.428  | 99   | 134390   | 13.051 | ng    | -0.02    |
| 23) Nitrobenzene-d5         | 7.357  | 82   | 73450    | 9.804  | ng    | -0.02    |
| 42) 2,4,6-Tribromophenol    | 10.628 | 330  | 22158    | 11.822 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl        | 9.157  | 172  | 139222   | 11.599 | ng    | -0.01    |
| 79) Terphenyl-d14           | 12.922 | 244  | 162342   | 6.976  | ng    | -0.01    |

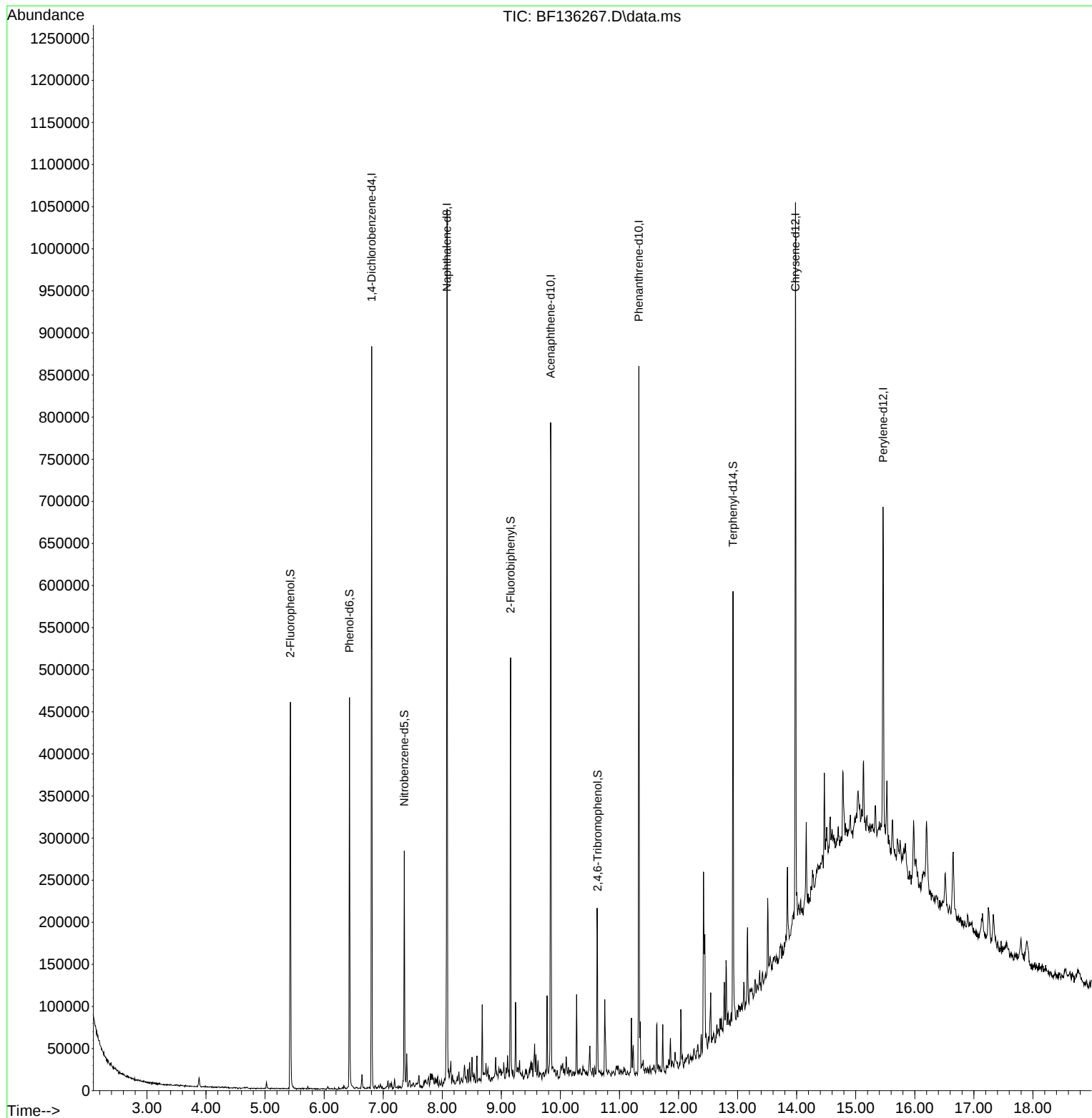
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

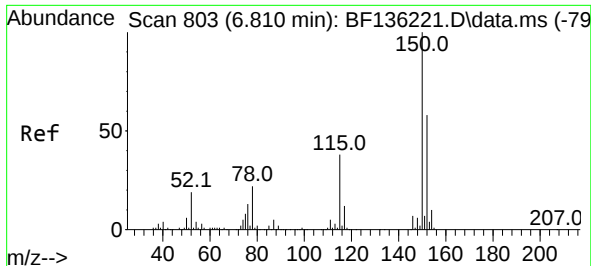
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Nov 28 03:04:20 2023  
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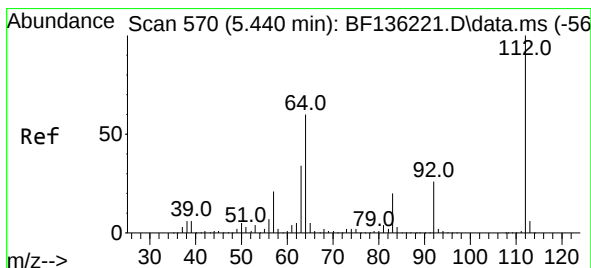
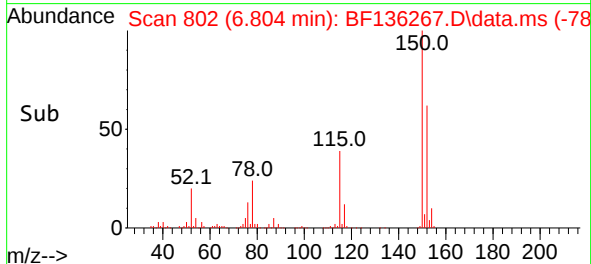
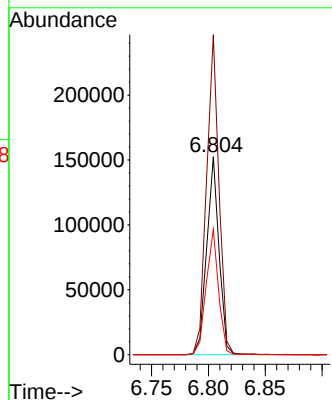
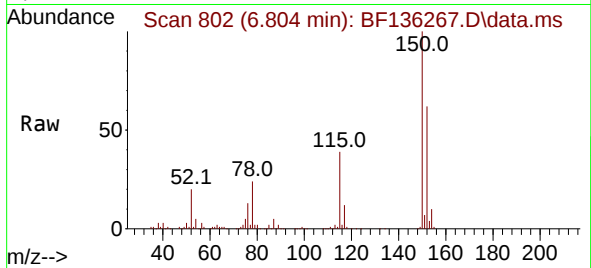




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.804 min Scan# 803  
Delta R.T. -0.006 min  
Lab File: BF136267.D  
Acq: 29 Nov 2023 00:49

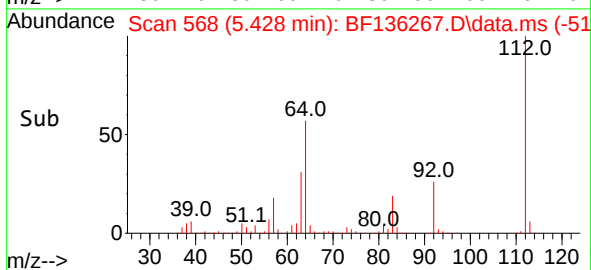
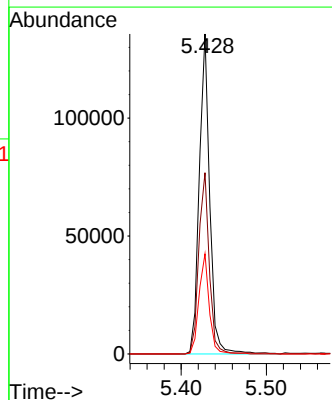
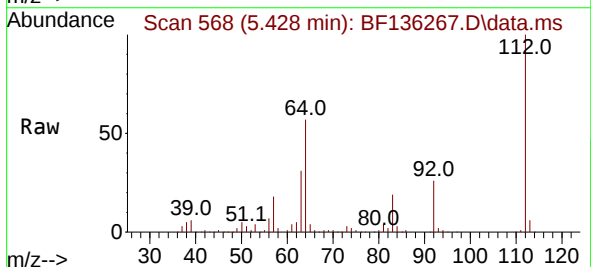
Instrument :  
BNA\_F  
ClientSampleId :  
OK-02-112123

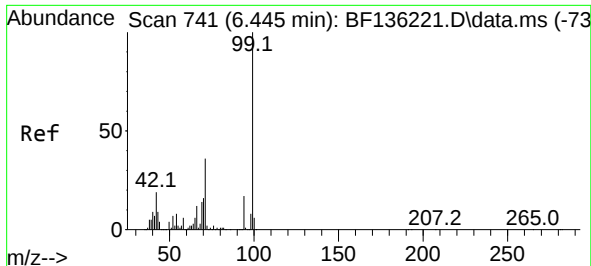
Tgt Ion:152 Resp: 114628  
Ion Ratio Lower Upper  
152 100  
150 161.6 137.8 206.8  
115 63.3 52.7 79.1



#5  
2-Fluorophenol  
Concen: 14.051 ng  
RT: 5.428 min Scan# 568  
Delta R.T. -0.012 min  
Lab File: BF136267.D  
Acq: 29 Nov 2023 00:49

Tgt Ion:112 Resp: 115723  
Ion Ratio Lower Upper  
112 100  
64 56.6 48.2 72.4  
63 31.3 27.0 40.6

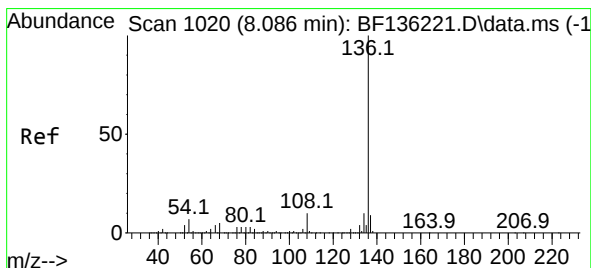
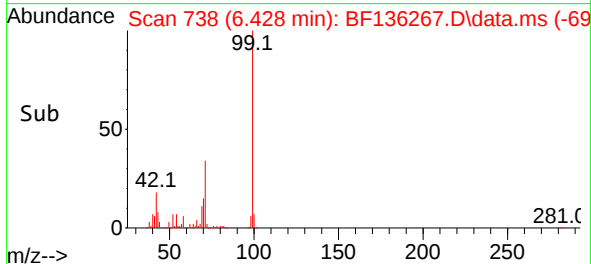
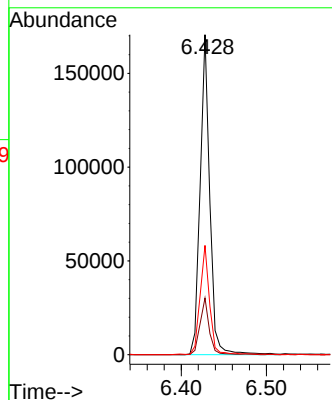
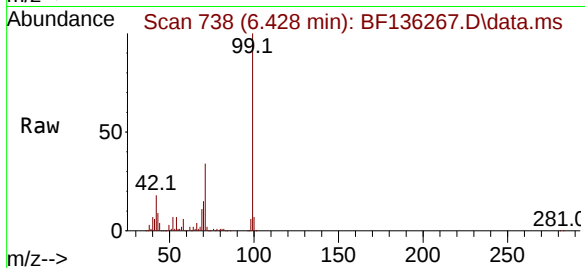




#7  
Phenol-d6  
Concen: 13.051 ng  
RT: 6.428 min Scan# 71  
Delta R.T. -0.017 min  
Lab File: BF136267.D  
Acq: 29 Nov 2023 00:49

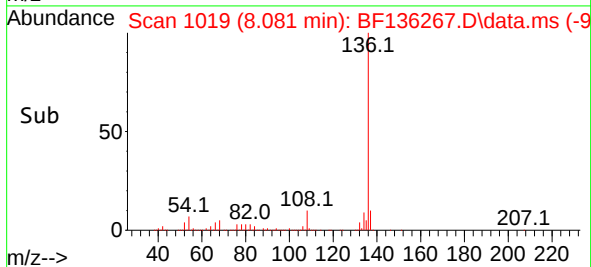
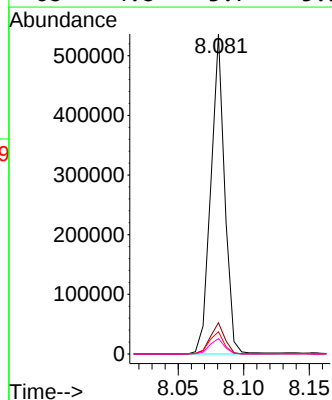
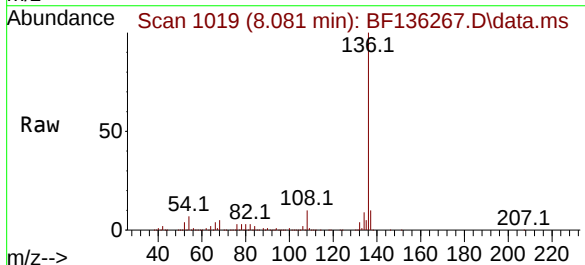
Instrument :  
BNA\_F  
ClientSampleId :  
OK-02-112123

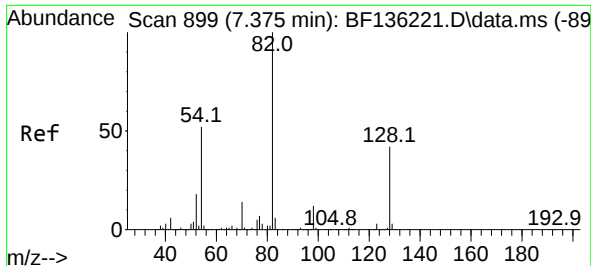
Tgt Ion: 99 Resp: 134390  
Ion Ratio Lower Upper  
99 100  
42 17.7 15.0 22.6  
71 34.1 28.9 43.3



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.081 min Scan# 1019  
Delta R.T. -0.006 min  
Lab File: BF136267.D  
Acq: 29 Nov 2023 00:49

Tgt Ion: 136 Resp: 395895  
Ion Ratio Lower Upper  
136 100  
137 9.8 7.4 11.2  
54 7.0 5.5 8.3  
68 4.8 3.7 5.5





#23

Nitrobenzene-d5

Concen: 9.804 ng

RT: 7.357 min Scan# 899

Delta R.T. -0.017 min

Lab File: BF136267.D

Acq: 29 Nov 2023 00:49

Instrument :

BNA\_F

ClientSampleId :

OK-02-112123

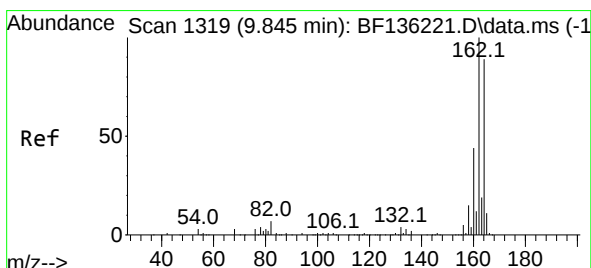
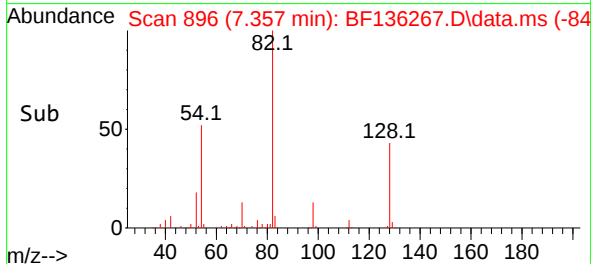
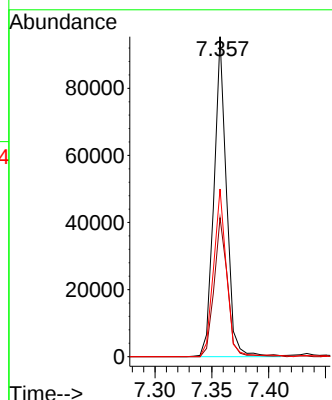
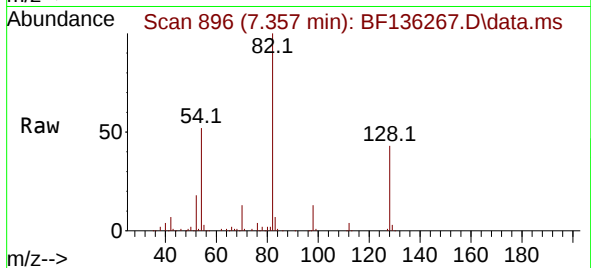
Tgt Ion: 82 Resp: 73450

Ion Ratio Lower Upper

82 100

128 43.5 33.4 50.2

54 52.4 41.7 62.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.834 min Scan# 1317

Delta R.T. -0.011 min

Lab File: BF136267.D

Acq: 29 Nov 2023 00:49

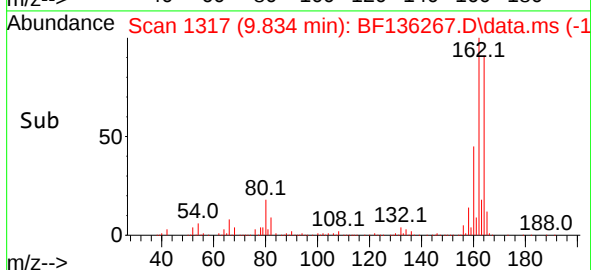
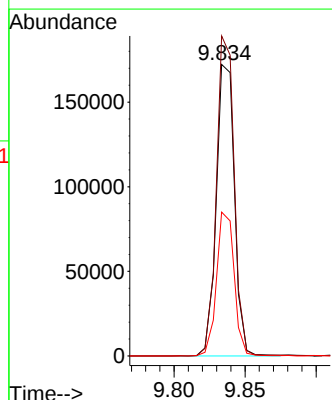
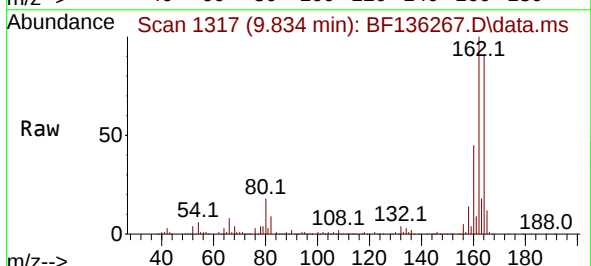
Tgt Ion: 164 Resp: 153312

Ion Ratio Lower Upper

164 100

162 109.8 89.5 134.3

160 49.3 39.6 59.4





#42

2,4,6-Tribromophenol

Concen: 11.822 ng

RT: 10.628 min Scan# 1454

Delta R.T. -0.012 min

Lab File: BF136267.D

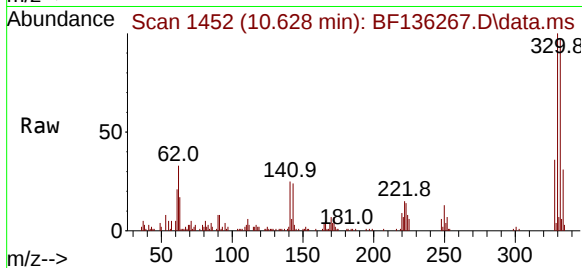
Acq: 29 Nov 2023 00:49

Instrument :

BNA\_F

ClientSampleId :

OK-02-112123



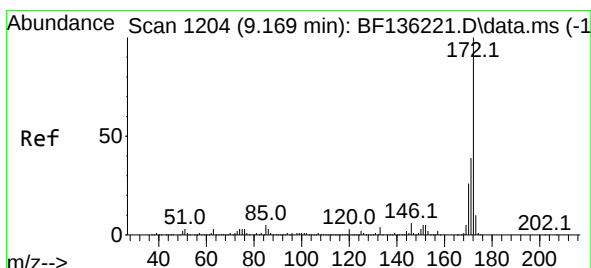
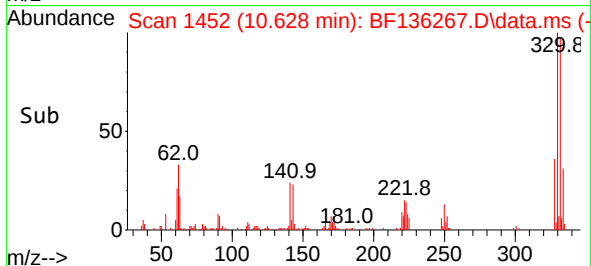
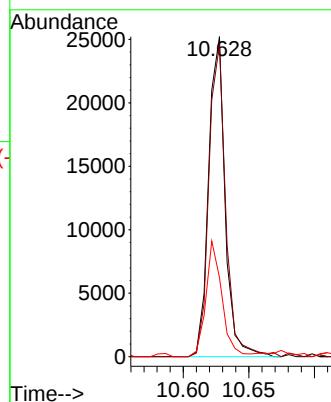
Tgt Ion:330 Resp: 22158

Ion Ratio Lower Upper

330 100

332 99.1 73.0 109.6

141 35.0 24.2 36.2



#45

2-Fluorobiphenyl

Concen: 11.599 ng

RT: 9.157 min Scan# 1202

Delta R.T. -0.012 min

Lab File: BF136267.D

Acq: 29 Nov 2023 00:49

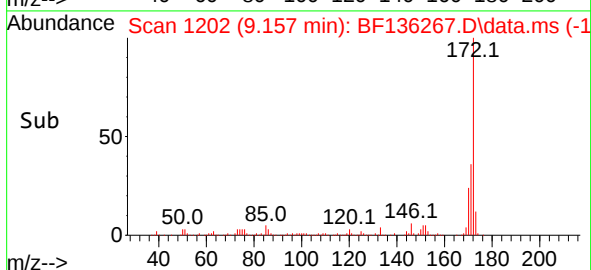
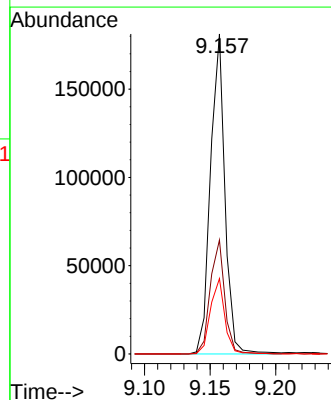
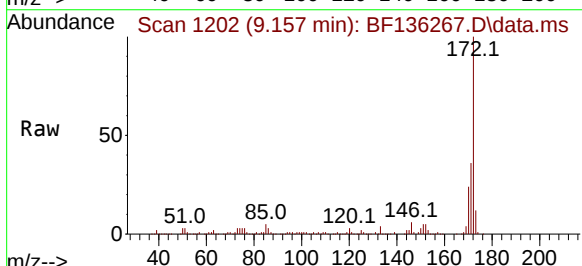
Tgt Ion:172 Resp: 139222

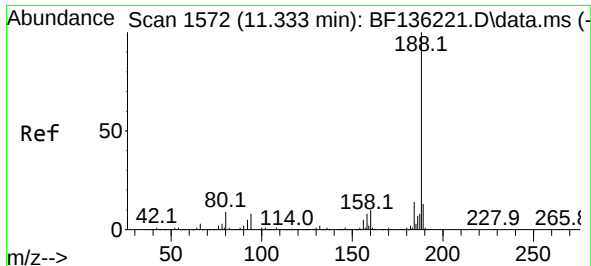
Ion Ratio Lower Upper

172 100

171 35.6 31.5 47.3

170 23.6 20.8 31.2

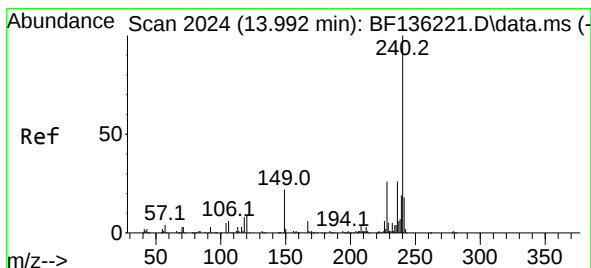
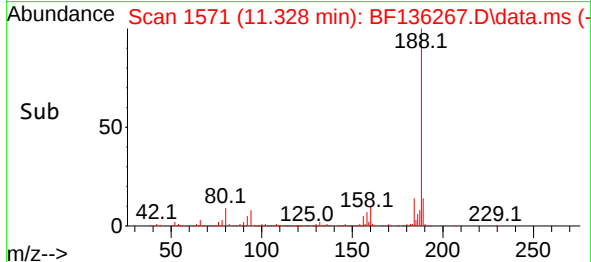
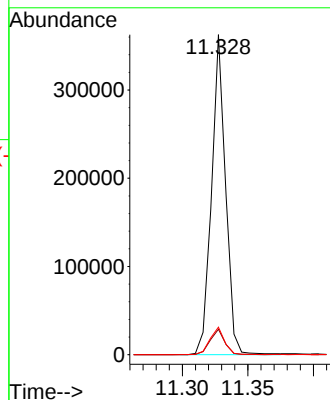
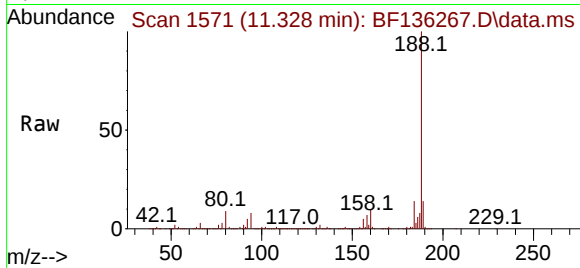




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.328 min Scan# 11  
Delta R.T. -0.005 min  
Lab File: BF136267.D  
Acq: 29 Nov 2023 00:49

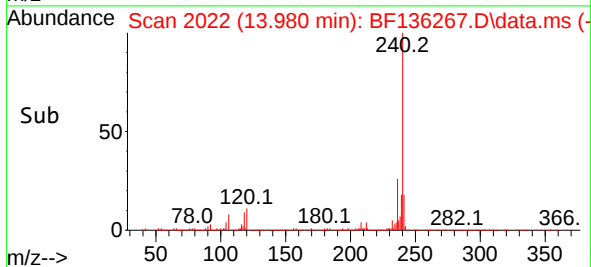
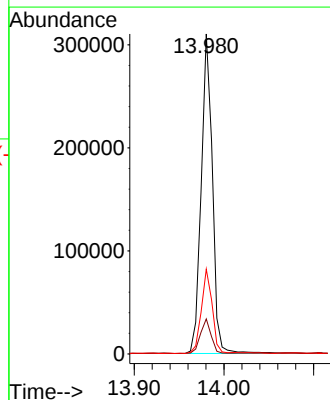
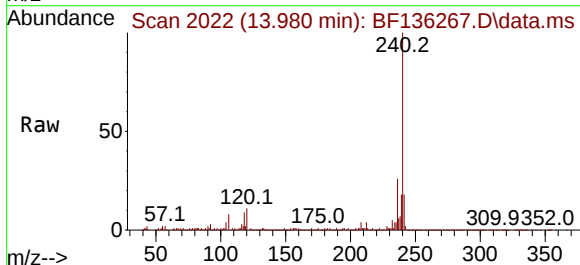
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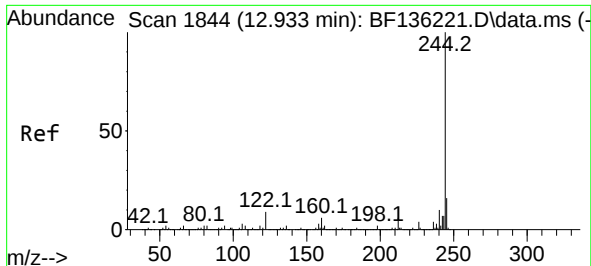
Tgt Ion:188 Resp: 270694  
Ion Ratio Lower Upper  
188 100  
94 7.9 6.7 10.1  
80 8.6 7.2 10.8



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.980 min Scan# 2022  
Delta R.T. -0.012 min  
Lab File: BF136267.D  
Acq: 29 Nov 2023 00:49

Tgt Ion:240 Resp: 268444  
Ion Ratio Lower Upper  
240 100  
120 10.9 7.4 11.2  
236 26.5 21.1 31.7

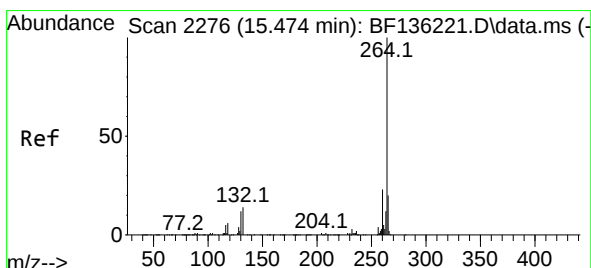
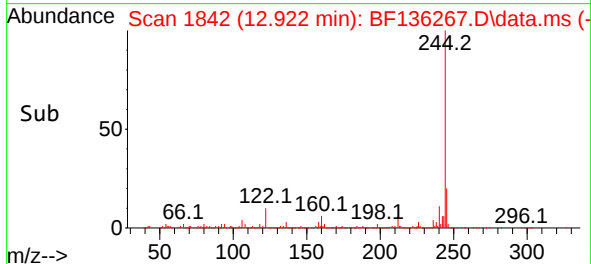
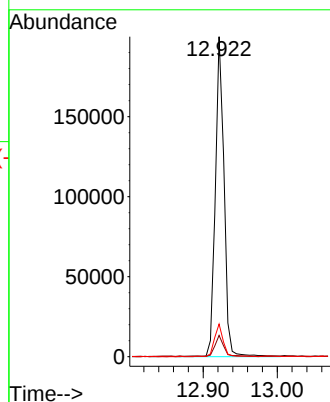
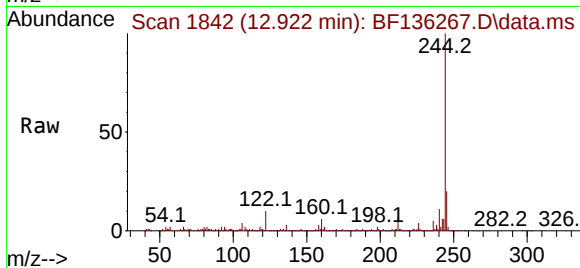




#79  
 Terphenyl-d14  
 Concen: 6.976 ng  
 RT: 12.922 min Scan# 1842  
 Delta R.T. -0.012 min  
 Lab File: BF136267.D  
 Acq: 29 Nov 2023 00:49

Instrument :  
 BNA\_F  
 ClientSampleId :  
 OK-02-112123

Tgt Ion:244 Resp: 162342  
 Ion Ratio Lower Upper  
 244 100  
 212 6.7 4.6 7.0  
 122 10.2 7.3 10.9



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.463 min Scan# 2274  
 Delta R.T. -0.011 min  
 Lab File: BF136267.D  
 Acq: 29 Nov 2023 00:49

Tgt Ion:264 Resp: 188279  
 Ion Ratio Lower Upper  
 264 100  
 260 23.8 18.6 27.8  
 265 21.0 15.7 23.5

