

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF072922\  
 Data File : BF129444.D  
 Acq On : 29 Jul 2022 16:21  
 Operator : CG\JU  
 Sample : PB146544TB  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB146544TB

Quant Time: Jul 29 18:22:29 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF072522.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jul 25 17:24:17 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.881  | 152  | 201516   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.169  | 136  | 819048   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.928  | 164  | 435517   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.416 | 188  | 744436   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 14.063 | 240  | 563683   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 15.557 | 264  | 471229   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.522  | 112  | 1572637  | 127.128 | ng    | 0.02     |
| 7) Phenol-d6                | 6.528  | 99   | 1975328  | 127.039 | ng    | 0.01     |
| 23) Nitrobenzene-d5         | 7.451  | 82   | 1304298  | 86.930  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.722 | 330  | 522332   | 124.746 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.245  | 172  | 2249604  | 79.906  | ng    | 0.00     |
| 79) Terphenyl-d14           | 13.010 | 244  | 2446320  | 81.875  | ng    | 0.00     |

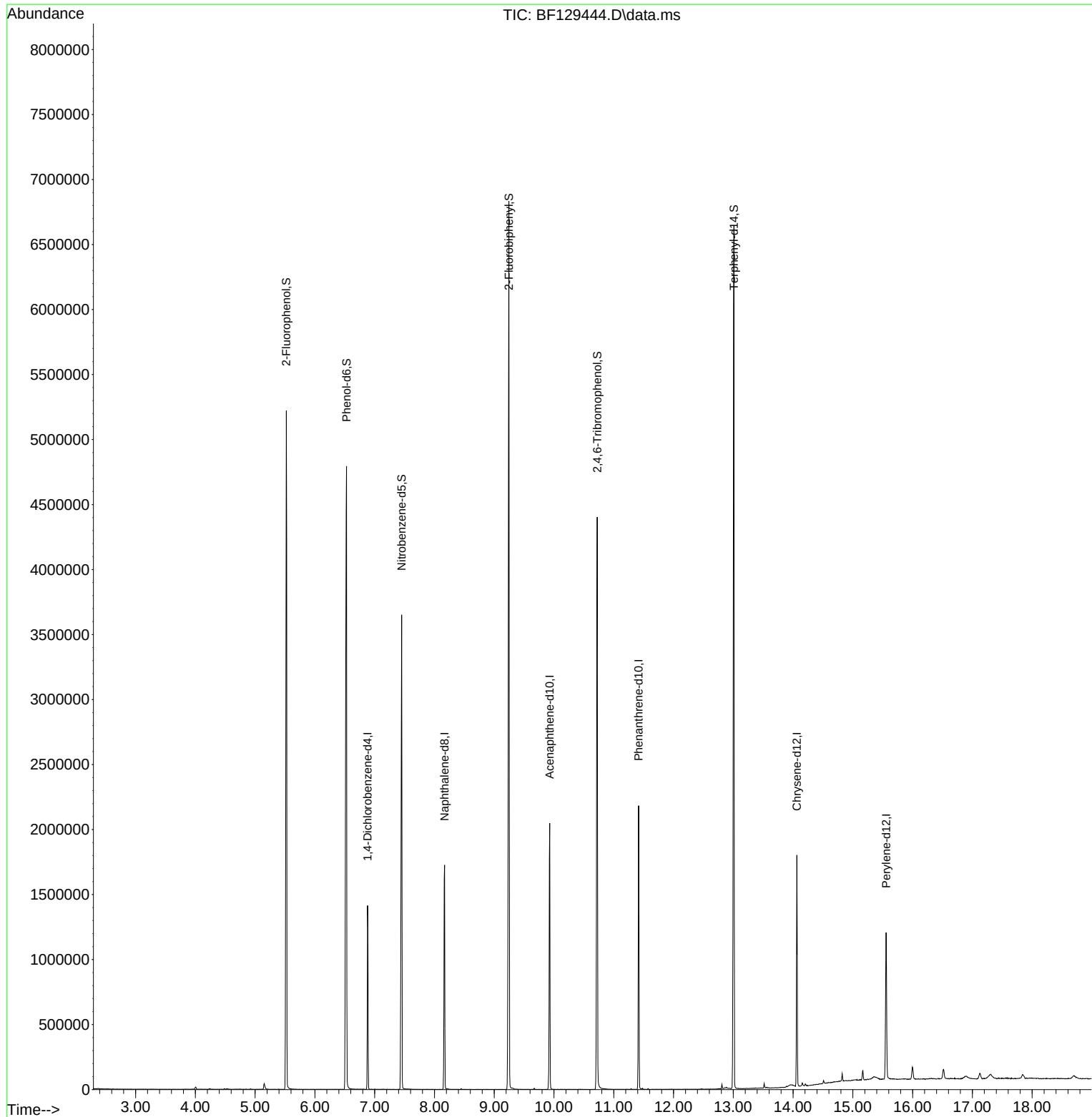
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

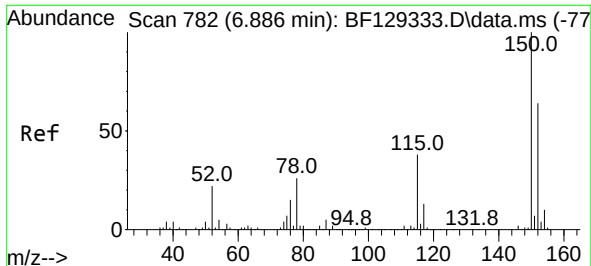
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Jul 25 17:24:17 2022  
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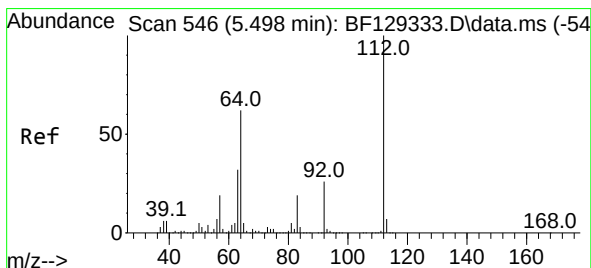
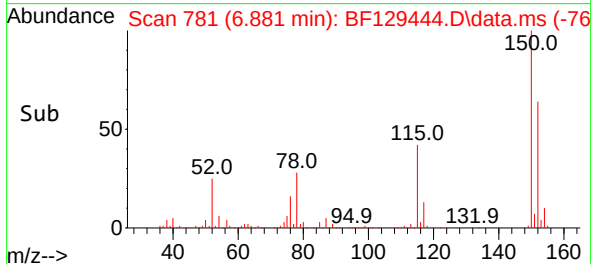
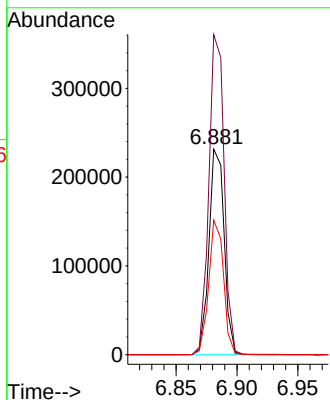
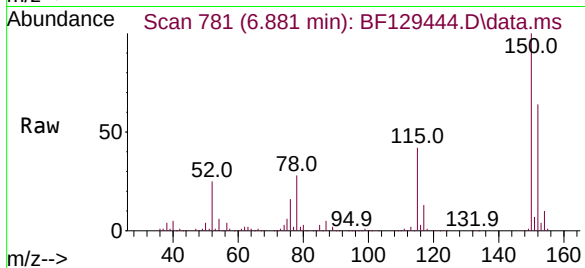




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.881 min Scan# 781  
 Delta R.T. -0.005 min  
 Lab File: BF129444.D  
 Acq: 29 Jul 2022 16:21

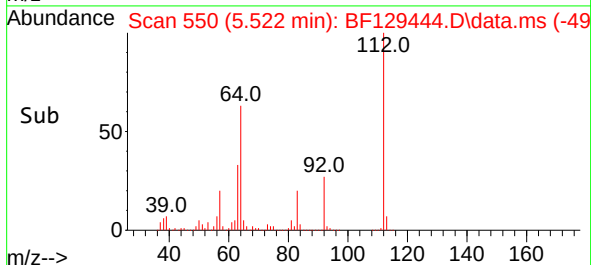
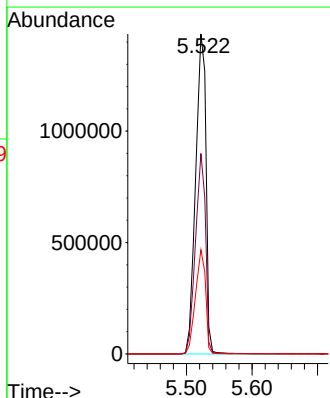
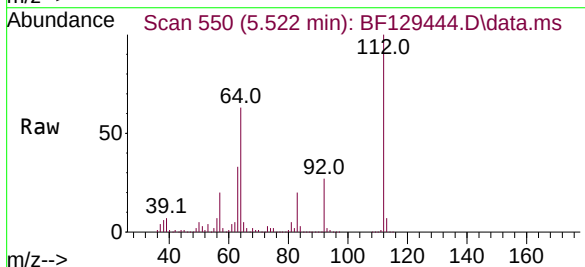
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB146544TB

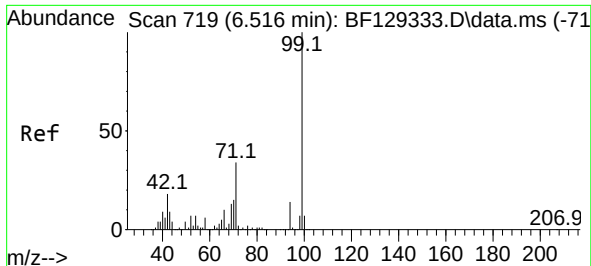
Tgt Ion:152 Resp: 201516  
 Ion Ratio Lower Upper  
 152 100  
 150 155.9 123.7 185.5  
 115 65.5 49.9 74.9



#5  
 2-Fluorophenol  
 Concen: 127.128 ng  
 RT: 5.522 min Scan# 550  
 Delta R.T. 0.024 min  
 Lab File: BF129444.D  
 Acq: 29 Jul 2022 16:21

Tgt Ion:112 Resp: 1572637  
 Ion Ratio Lower Upper  
 112 100  
 64 62.6 53.3 79.9  
 63 32.5 28.0 42.0

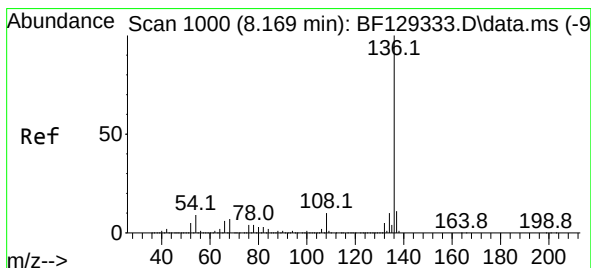
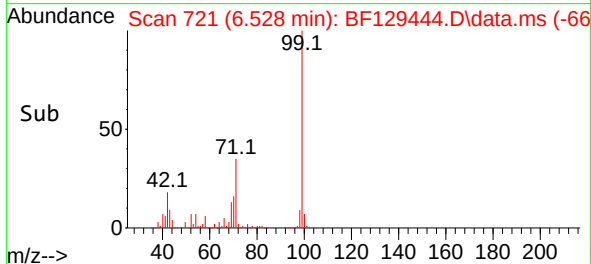
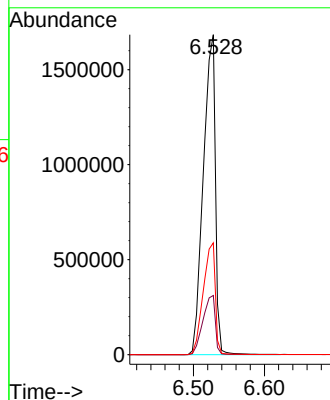
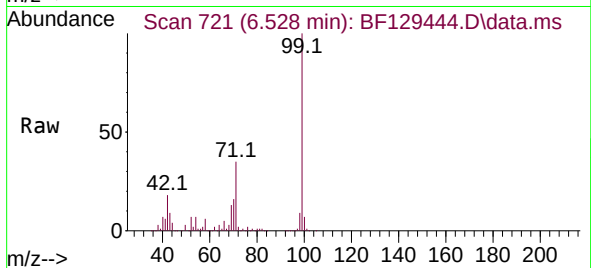




#7  
Phenol-d6  
Concen: 127.039 ng  
RT: 6.528 min Scan# 71  
Delta R.T. 0.012 min  
Lab File: BF129444.D  
Acq: 29 Jul 2022 16:21

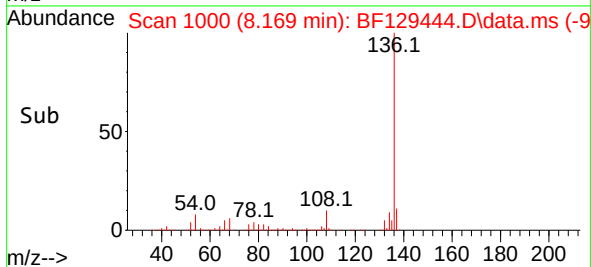
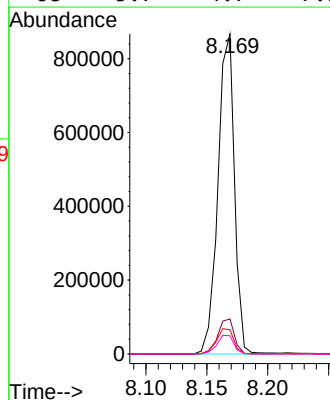
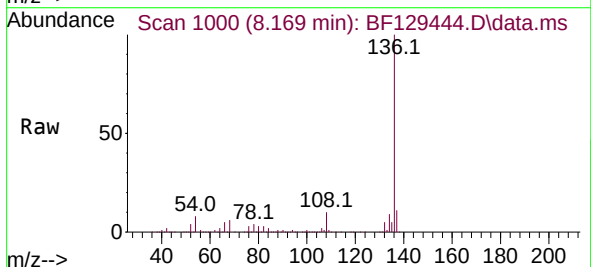
Instrument :  
BNA\_F  
ClientSampleId :  
PB146544TB

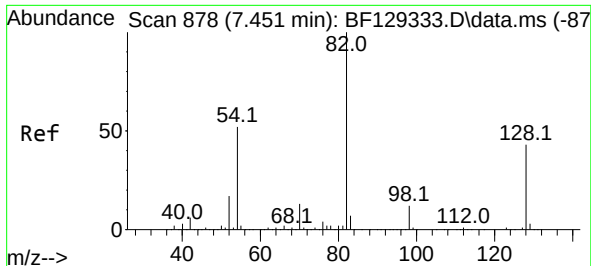
Tgt Ion: 99 Resp: 1975328  
Ion Ratio Lower Upper  
99 100  
42 18.5 17.3 25.9  
71 34.9 28.9 43.3



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.169 min Scan# 1000  
Delta R.T. 0.000 min  
Lab File: BF129444.D  
Acq: 29 Jul 2022 16:21

Tgt Ion: 136 Resp: 819048  
Ion Ratio Lower Upper  
136 100  
137 10.9 8.8 13.2  
54 7.5 7.5 11.3  
68 5.7 4.7 7.1

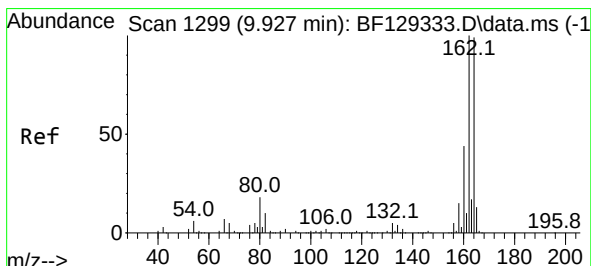
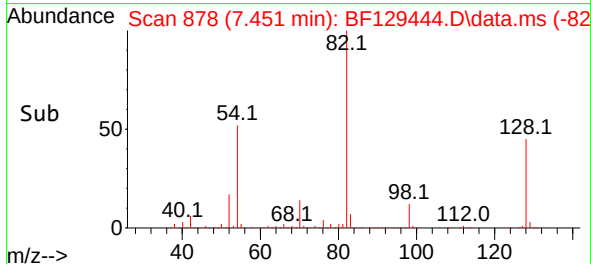
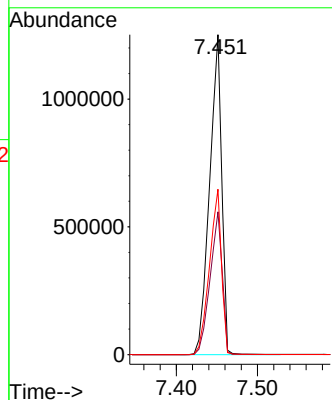
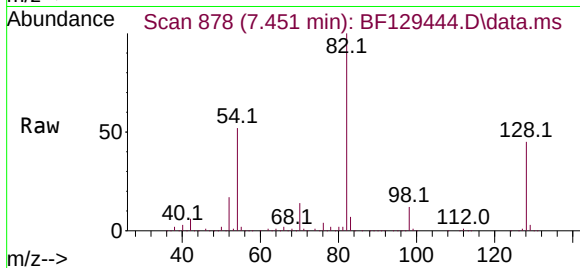




#23  
Nitrobenzene-d5  
Concen: 86.930 ng  
RT: 7.451 min Scan# 81  
Delta R.T. 0.000 min  
Lab File: BF129444.D  
Acq: 29 Jul 2022 16:21

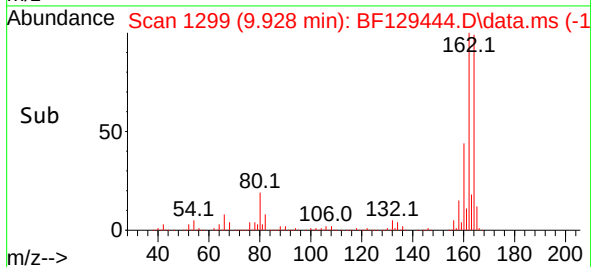
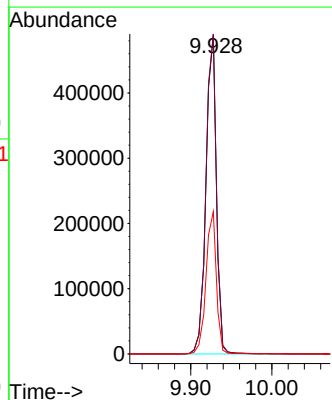
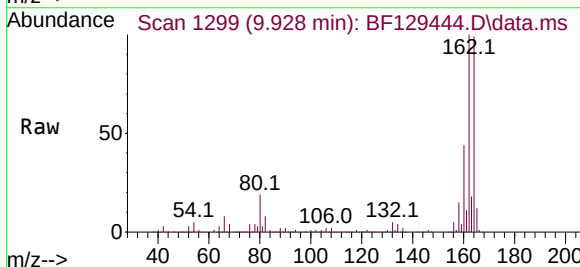
Instrument :  
BNA\_F  
ClientSampleId :  
PB146544TB

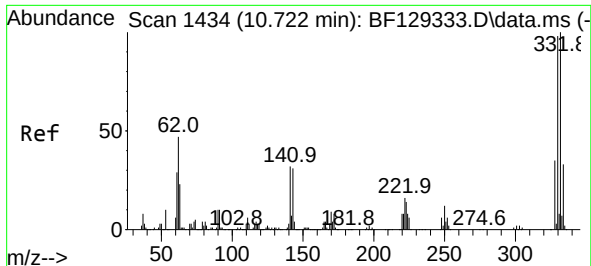
Tgt Ion: 82 Resp: 1304298  
Ion Ratio Lower Upper  
82 100  
128 44.6 34.0 51.0  
54 51.7 46.9 70.3



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.928 min Scan# 1299  
Delta R.T. 0.000 min  
Lab File: BF129444.D  
Acq: 29 Jul 2022 16:21

Tgt Ion:164 Resp: 435517  
Ion Ratio Lower Upper  
164 100  
162 100.5 79.5 119.3  
160 44.6 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 124.746 ng

RT: 10.722 min Scan# 1434

Delta R.T. 0.000 min

Lab File: BF129444.D

Acq: 29 Jul 2022 16:21

Instrument :

BNA\_F

ClientSampleId :

PB146544TB

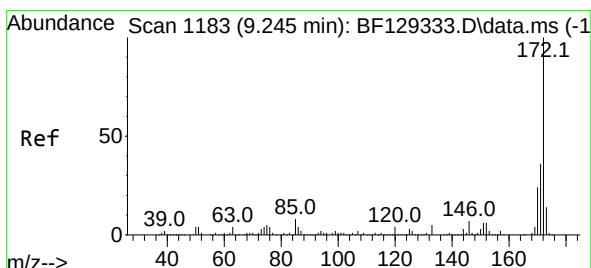
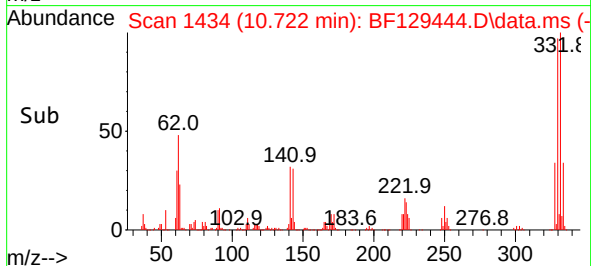
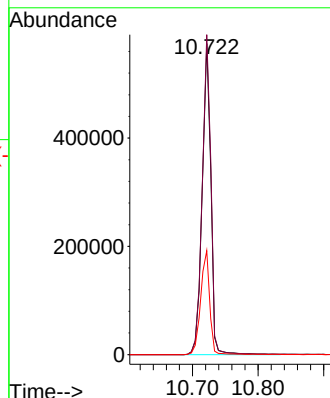
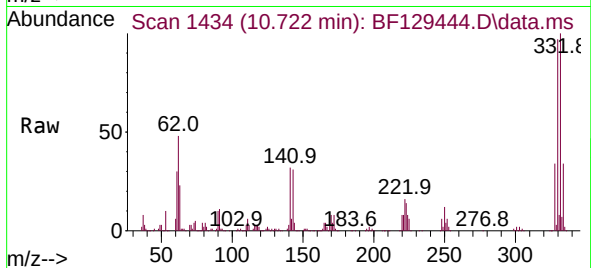
Tgt Ion:330 Resp: 522332

Ion Ratio Lower Upper

330 100

332 103.4 76.8 115.2

141 34.9 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 79.906 ng

RT: 9.245 min Scan# 1183

Delta R.T. 0.000 min

Lab File: BF129444.D

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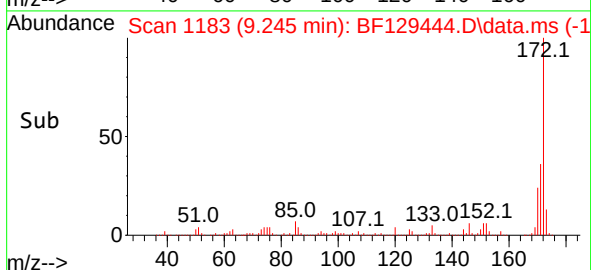
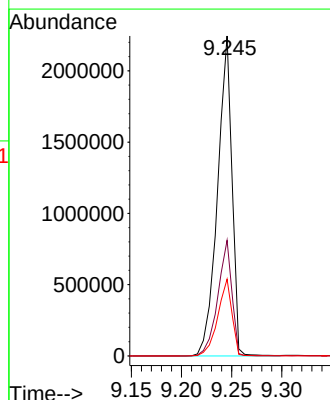
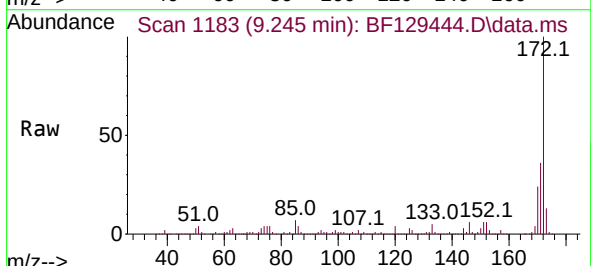
Tgt Ion:172 Resp: 2249604

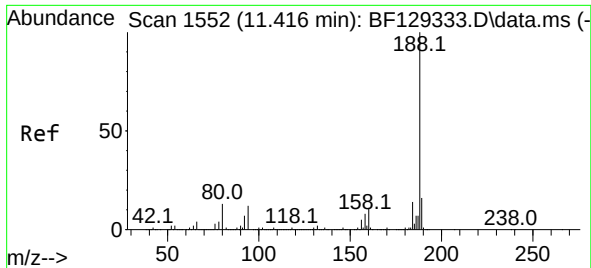
Ion Ratio Lower Upper

172 100

171 36.1 28.8 43.2

170 24.0 19.8 29.8

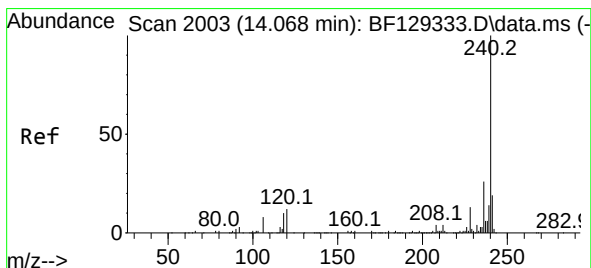
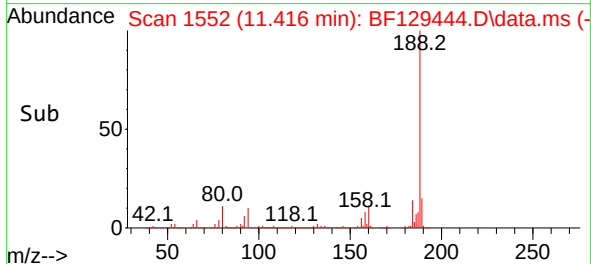
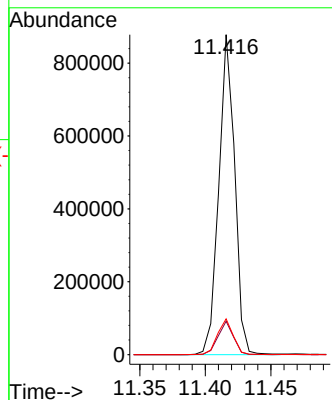
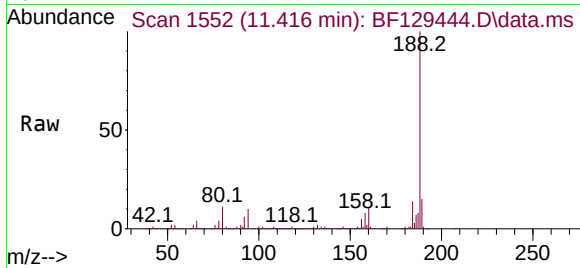




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.416 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF129444.D  
Acq: 29 Jul 2022 16:21

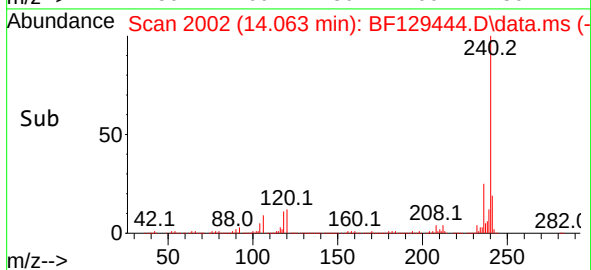
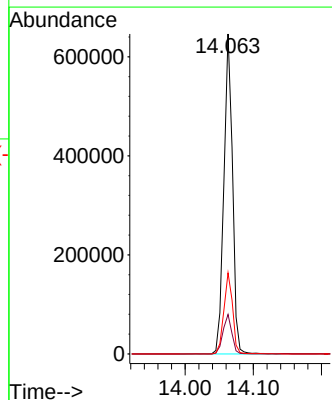
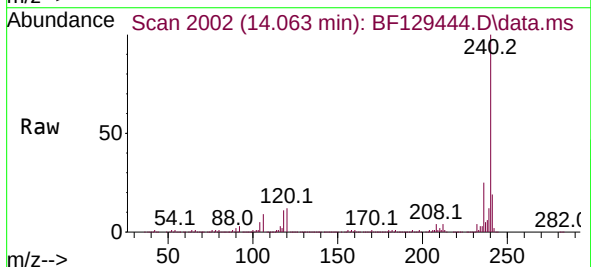
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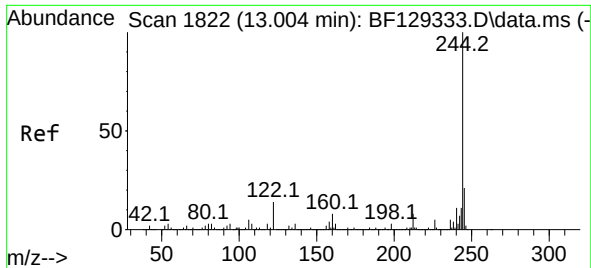
Tgt Ion:188 Resp: 744436  
Ion Ratio Lower Upper  
188 100  
94 10.4 7.0 10.6  
80 11.2 7.6 11.4



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.063 min Scan# 2002  
Delta R.T. -0.006 min  
Lab File: BF129444.D  
Acq: 29 Jul 2022 16:21

Tgt Ion:240 Resp: 563683  
Ion Ratio Lower Upper  
240 100  
120 12.3 8.9 13.3  
236 25.3 20.8 31.2

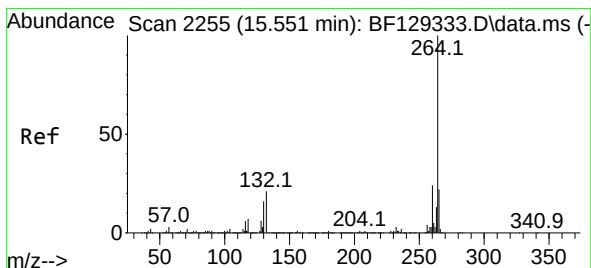
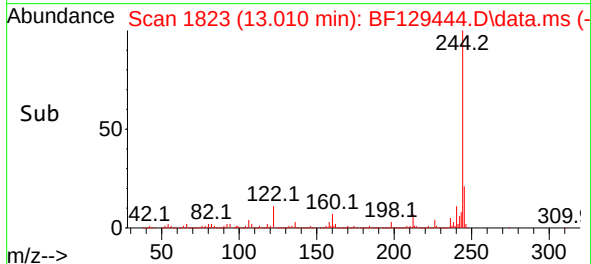
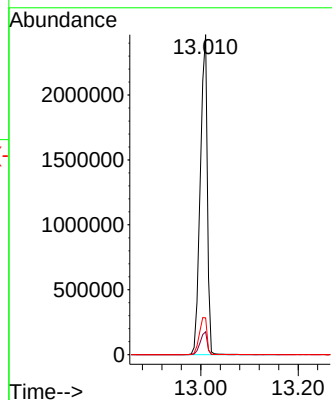
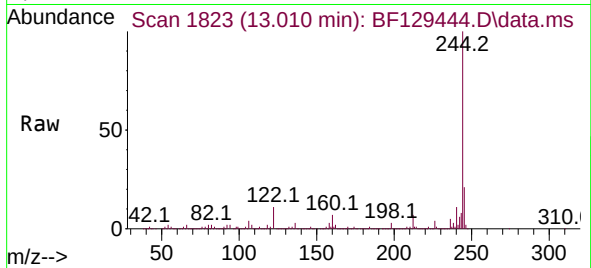




#79  
 Terphenyl-d14  
 Concen: 81.875 ng  
 RT: 13.010 min Scan# 1822  
 Delta R.T. 0.006 min  
 Lab File: BF129444.D  
 Acq: 29 Jul 2022 16:21

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB146544TB

Tgt Ion:244 Resp: 2446320  
 Ion Ratio Lower Upper  
 244 100  
 212 7.1 6.1 9.1  
 122 11.5 8.8 13.2



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.557 min Scan# 2256  
 Delta R.T. 0.006 min  
 Lab File: BF129444.D  
 Acq: 29 Jul 2022 16:21

Tgt Ion:264 Resp: 471229  
 Ion Ratio Lower Upper  
 264 100  
 260 24.2 18.4 27.6  
 265 21.4 17.2 25.8

