

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF040122\  
 Data File : BF127609.D  
 Acq On : 01 Apr 2022 13:42  
 Operator : CG\JU  
 Sample : N2217-10  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-9

Quant Time: Apr 01 16:13:34 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF032122.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Mar 29 07:13:31 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.833  | 152  | 106961   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.116  | 136  | 402770   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.869  | 164  | 236727   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.363 | 188  | 433620   | 20.000  | ng    | # 0.00   |
| 76) Chrysene-d12            | 14.015 | 240  | 279910   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 15.498 | 264  | 201368   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.463  | 112  | 665216   | 99.273  | ng    | 0.00     |
| 7) Phenol-d6                | 6.481  | 99   | 918811   | 100.311 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.404  | 82   | 625670   | 66.402  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.669 | 330  | 243384   | 96.514  | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.192  | 172  | 1045484  | 64.490  | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.951 | 244  | 1197547  | 70.037  | ng    | 0.00     |

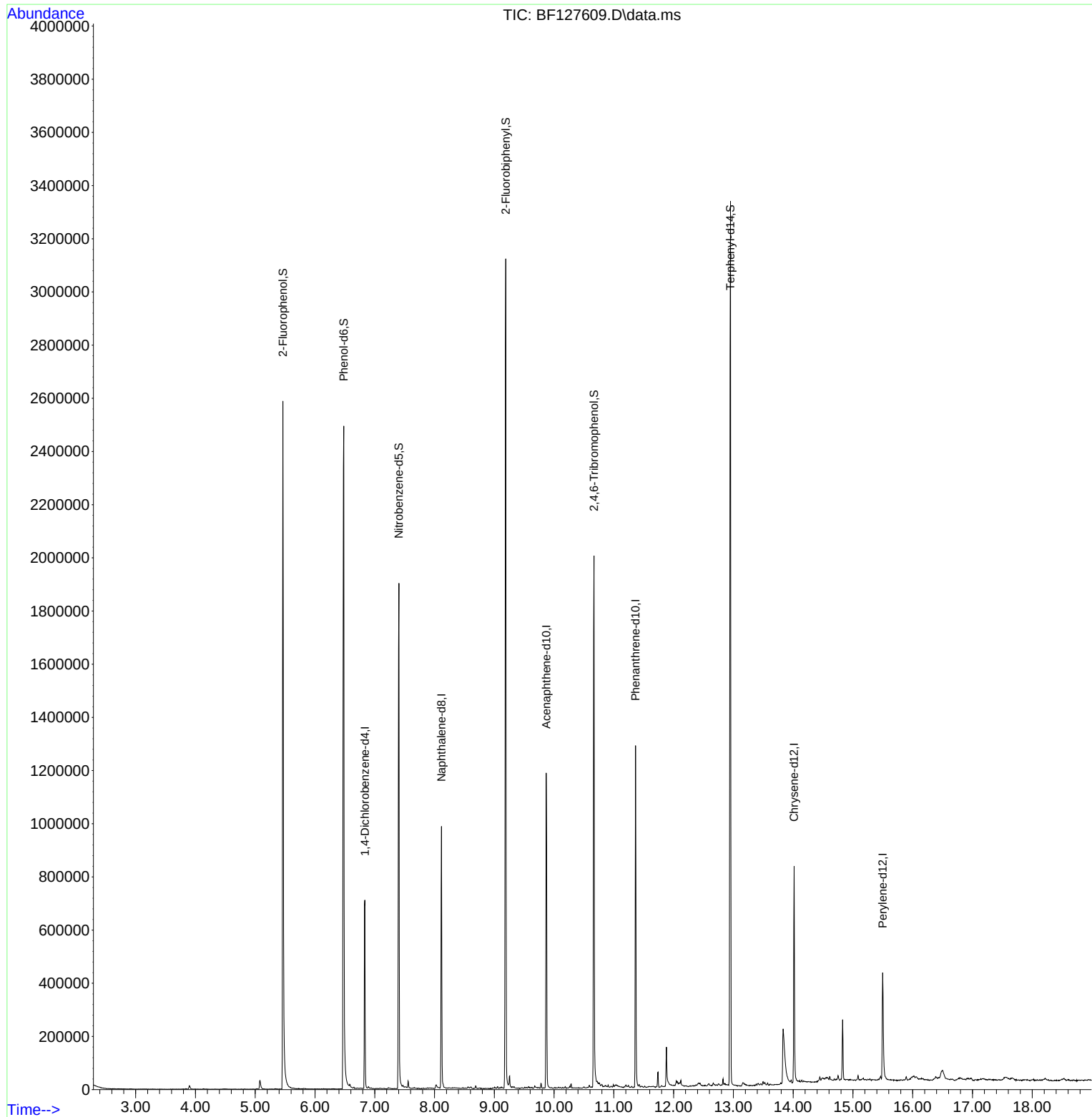
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

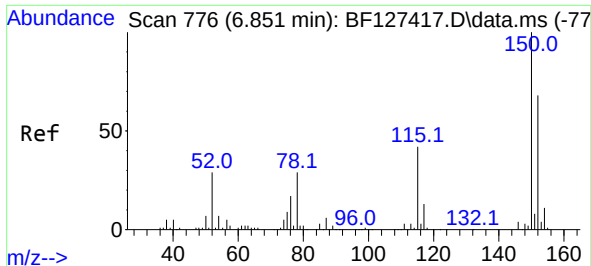
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Mar 29 07:13:31 2022  
Response via : Initial Calibration

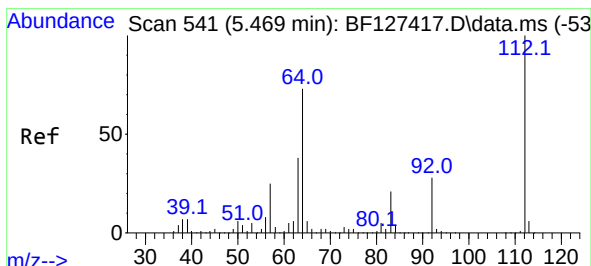
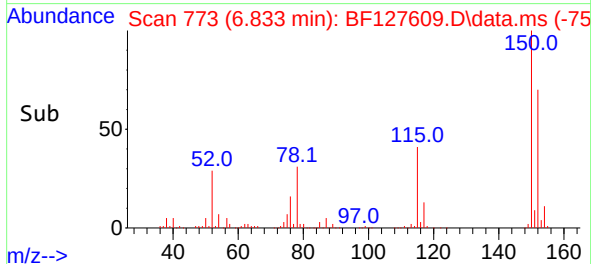
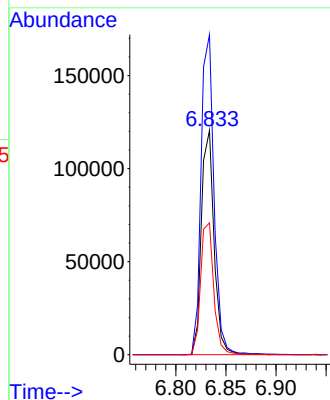
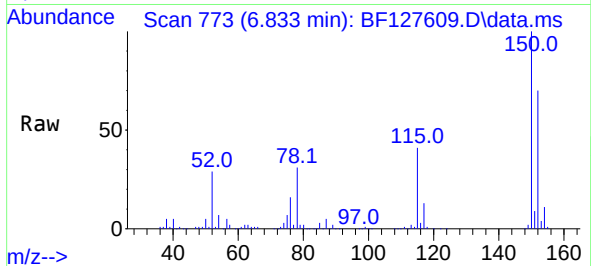




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.833 min Scan# 71  
Delta R.T. 0.000 min  
Lab File: BF127609.D  
Acq: 01 Apr 2022 13:42

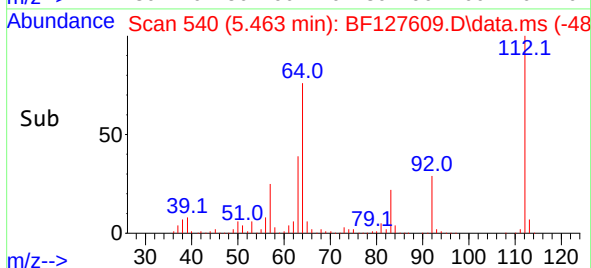
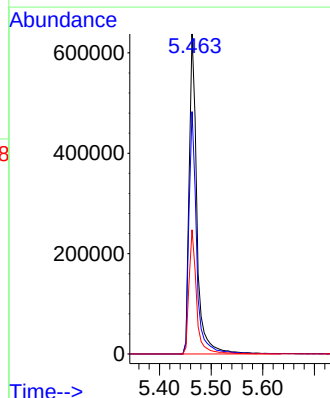
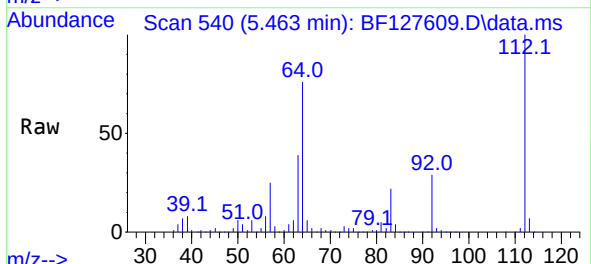
Instrument :  
BNA\_F  
ClientSampleId :  
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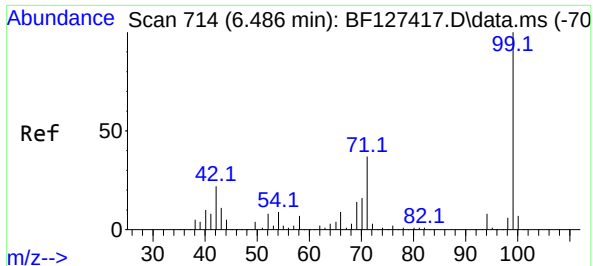
Tgt Ion:152 Resp: 106961  
Ion Ratio Lower Upper  
152 100  
150 142.7 117.2 175.8  
115 58.8 49.8 74.6



#5  
2-Fluorophenol  
Concen: 99.273 ng  
RT: 5.463 min Scan# 540  
Delta R.T. 0.006 min  
Lab File: BF127609.D  
Acq: 01 Apr 2022 13:42

Tgt Ion:112 Resp: 665216  
Ion Ratio Lower Upper  
112 100  
64 75.8 58.4 87.6  
63 38.8 30.1 45.1

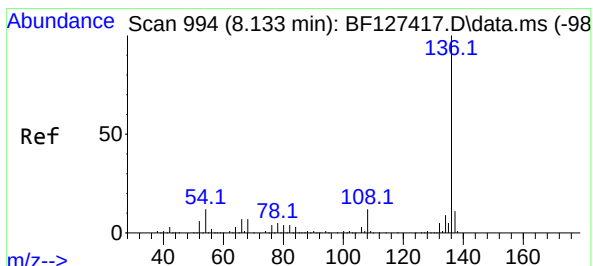
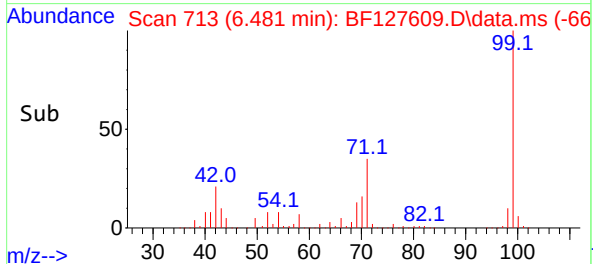
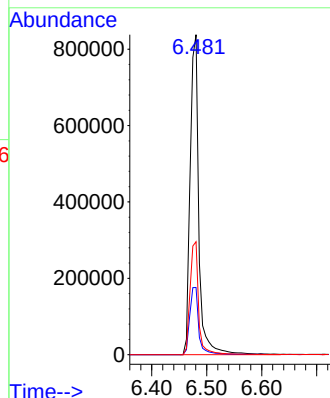
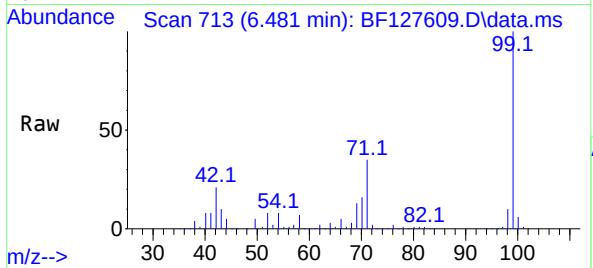




#7  
Phenol-d6  
Concen: 100.311 ng  
RT: 6.481 min Scan# 714  
Delta R.T. 0.000 min  
Lab File: BF127609.D  
Acq: 01 Apr 2022 13:42

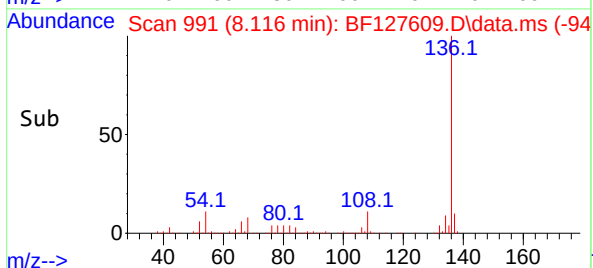
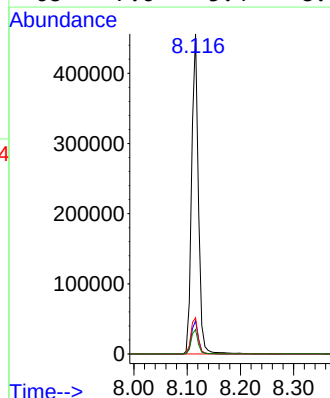
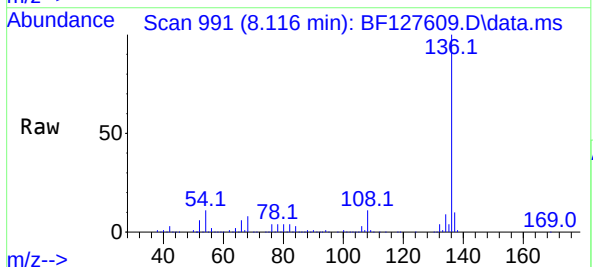
Instrument :  
BNA\_F  
ClientSampleId :  
SB-9

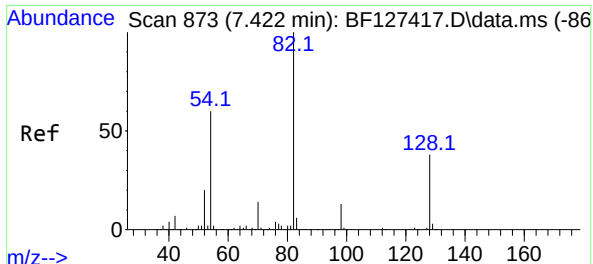
Tgt Ion: 99 Resp: 918811  
Ion Ratio Lower Upper  
99 100  
42 21.0 17.8 26.6  
71 35.3 29.6 44.4



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.116 min Scan# 991  
Delta R.T. 0.000 min  
Lab File: BF127609.D  
Acq: 01 Apr 2022 13:42

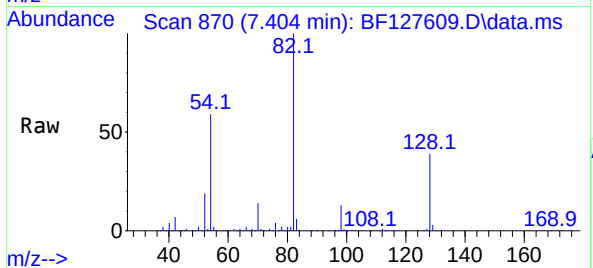
Tgt Ion: 136 Resp: 402770  
Ion Ratio Lower Upper  
136 100  
137 10.4 8.6 13.0  
54 11.3 9.2 13.8  
68 7.6 5.4 8.0



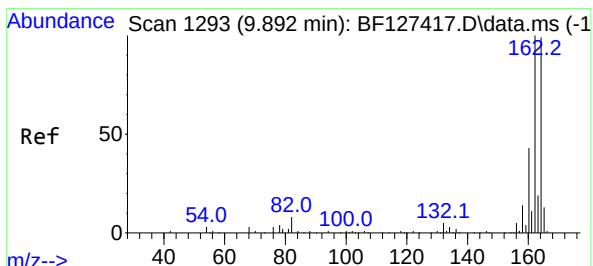
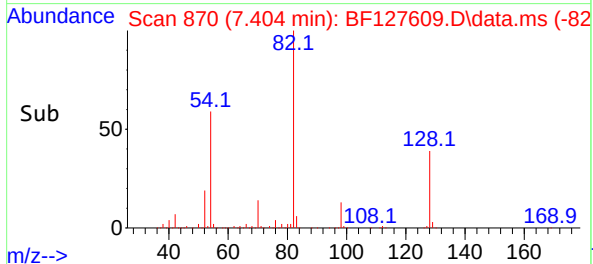
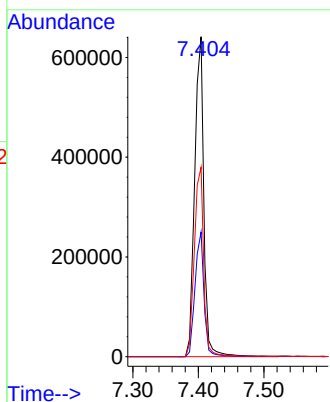


#23  
Nitrobenzene-d5  
Concen: 66.402 ng  
RT: 7.404 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BF127609.D  
Acq: 01 Apr 2022 13:42

Instrument :  
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ClientSampleId :  
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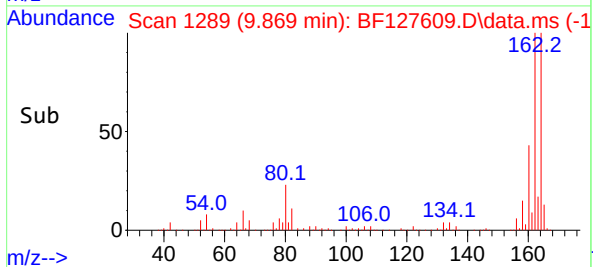
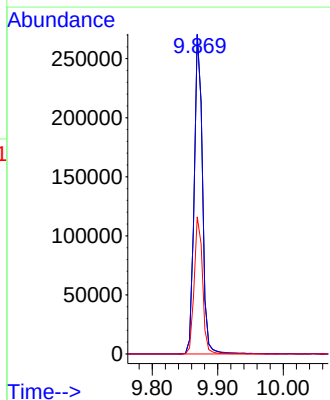
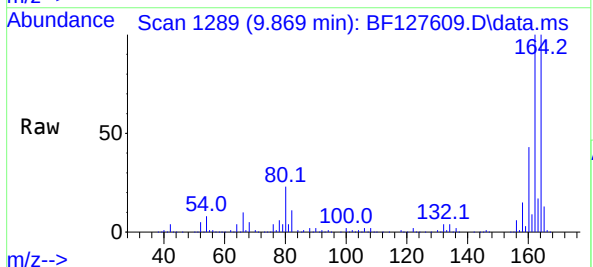


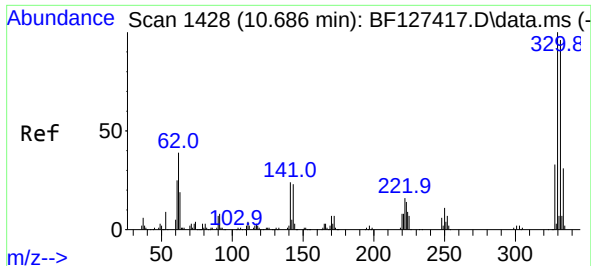
Tgt Ion: 82 Resp: 625670  
Ion Ratio Lower Upper  
82 100  
128 39.0 30.6 45.8  
54 59.2 48.2 72.2



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.869 min Scan# 1289  
Delta R.T. -0.006 min  
Lab File: BF127609.D  
Acq: 01 Apr 2022 13:42

Tgt Ion: 164 Resp: 236727  
Ion Ratio Lower Upper  
164 100  
162 100.4 81.2 121.8  
160 43.0 34.6 52.0





#42

2,4,6-Tribromophenol

Concen: 96.514 ng

RT: 10.669 min Scan# 1428

Delta R.T. 0.000 min

Lab File: BF127609.D

Acq: 01 Apr 2022 13:42

Instrument :

BNA\_F

ClientSampleId :

SB-9

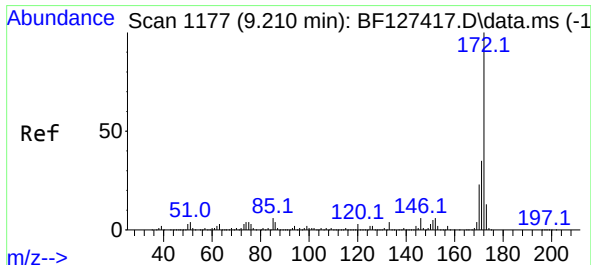
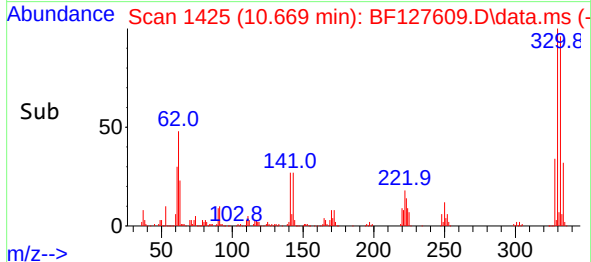
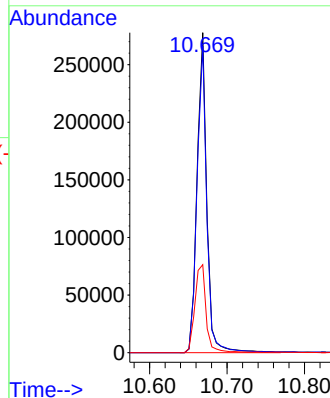
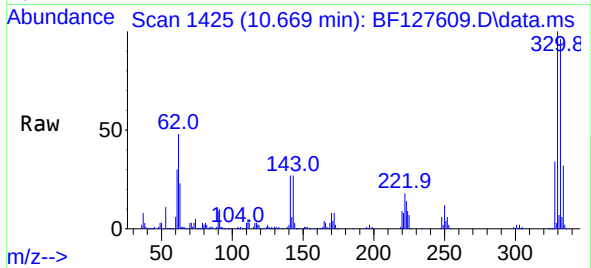
Tgt Ion:330 Resp: 243384

Ion Ratio Lower Upper

330 100

332 96.3 79.1 118.7

141 31.7 26.2 39.4



#45

2-Fluorobiphenyl

Concen: 64.490 ng

RT: 9.192 min Scan# 1174

Delta R.T. 0.000 min

Lab File: BF127609.D

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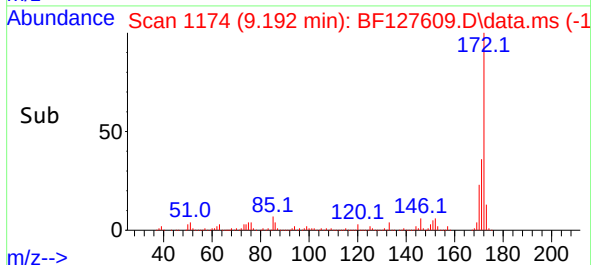
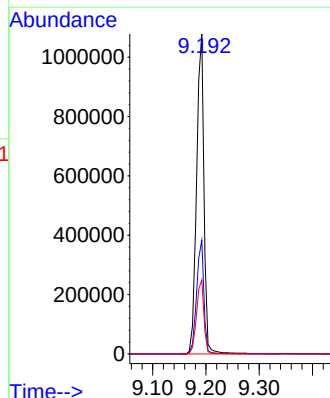
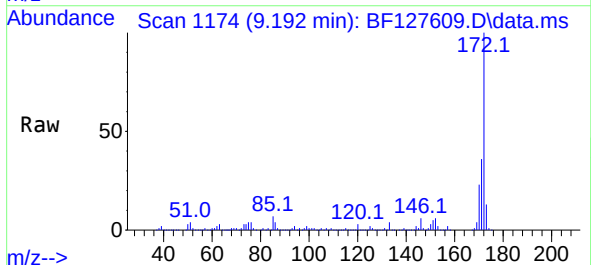
Tgt Ion:172 Resp: 1045484

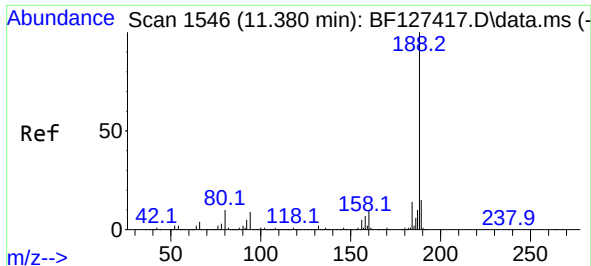
Ion Ratio Lower Upper

172 100

171 35.5 28.4 42.6

170 23.1 18.6 27.8

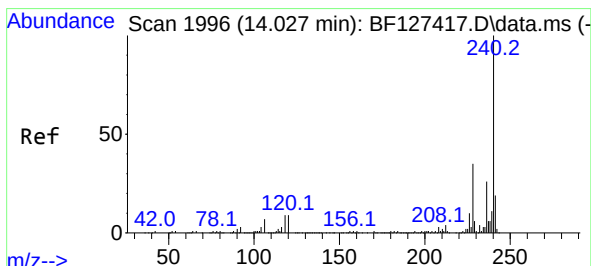
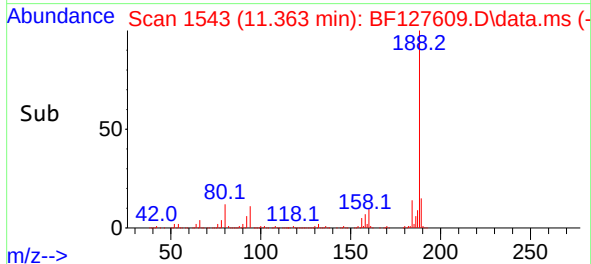
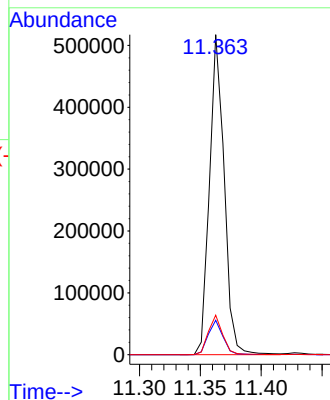
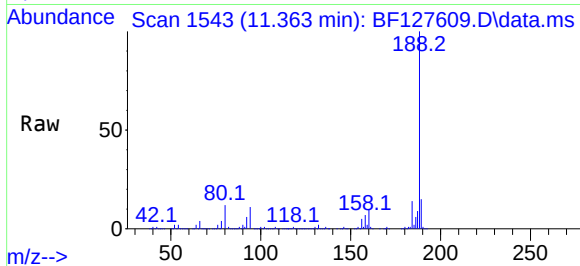




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.363 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF127609.D  
Acq: 01 Apr 2022 13:42

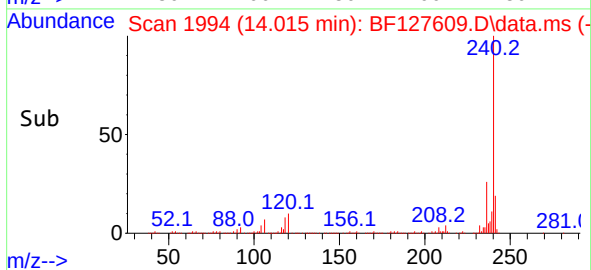
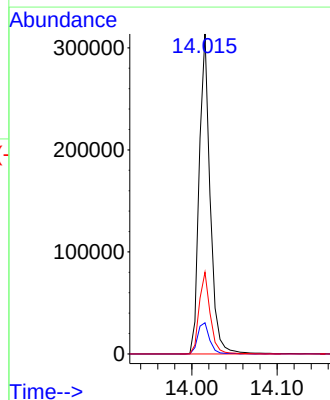
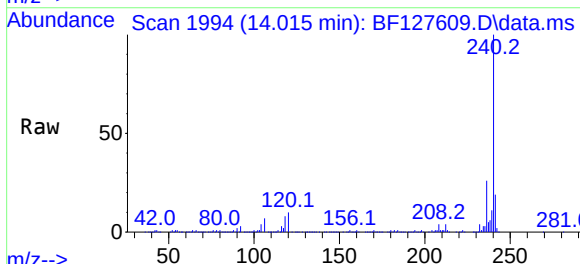
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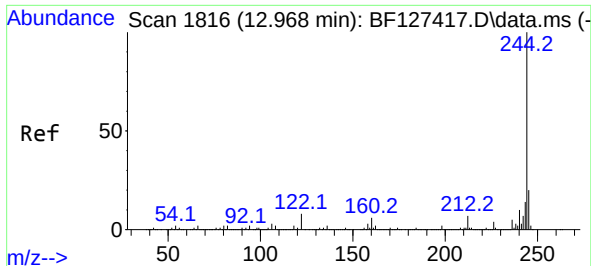
Tgt Ion:188 Resp: 433620  
Ion Ratio Lower Upper  
188 100  
94 10.8 7.4 11.0  
80 12.3 8.0 12.0#



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.015 min Scan# 1994  
Delta R.T. 0.000 min  
Lab File: BF127609.D  
Acq: 01 Apr 2022 13:42

Tgt Ion:240 Resp: 279910  
Ion Ratio Lower Upper  
240 100  
120 9.7 7.1 10.7  
236 25.5 20.7 31.1

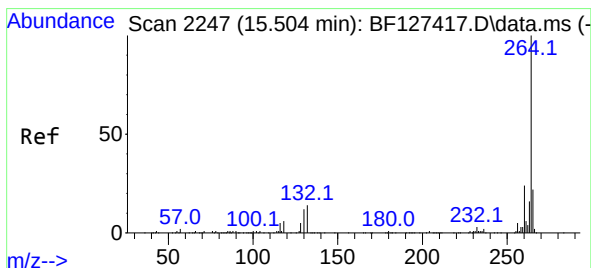
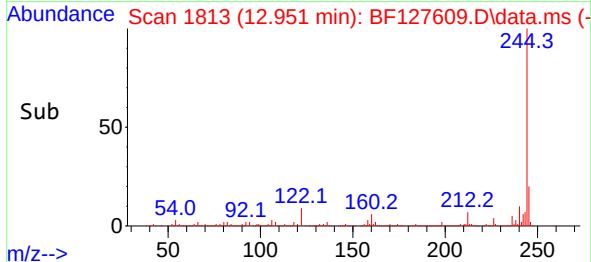
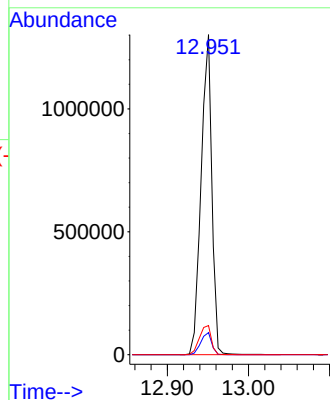
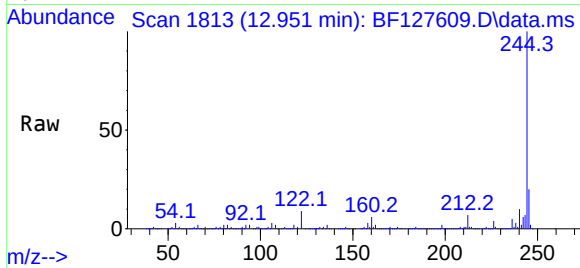




#79  
 Terphenyl-d14  
 Concen: 70.037 ng  
 RT: 12.951 min Scan# 11  
 Delta R.T. 0.000 min  
 Lab File: BF127609.D  
 Acq: 01 Apr 2022 13:42

Instrument :  
 BNA\_F  
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Tgt Ion:244 Resp: 1197547  
 Ion Ratio Lower Upper  
 244 100  
 212 6.9 5.7 8.5  
 122 9.1 6.2 9.2



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.498 min Scan# 2246  
 Delta R.T. 0.006 min  
 Lab File: BF127609.D  
 Acq: 01 Apr 2022 13:42

Tgt Ion:264 Resp: 201368  
 Ion Ratio Lower Upper  
 264 100  
 260 23.8 19.1 28.7  
 265 20.9 17.4 26.2

