

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF031622\  
 Data File : BF127364.D  
 Acq On : 16 Mar 2022 23:21  
 Operator : CG\JU  
 Sample : N1951-06  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 DB-14-(20-25)-3-12-22

Quant Time: Mar 17 02:37:06 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF031022.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Mar 10 16:51:53 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.863  | 152  | 63112    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.145  | 136  | 223360   | 20.000  | ng    | #-0.01   |
| 39) Acenaphthene-d10        | 9.904  | 164  | 140290   | 20.000  | ng    | -0.01    |
| 64) Phenanthrene-d10        | 11.398 | 188  | 270049   | 20.000  | ng    | # 0.00   |
| 76) Chrysene-d12            | 14.039 | 240  | 174913   | 20.000  | ng    | #-0.01   |
| 86) Perylene-d12            | 15.527 | 264  | 151319   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.487  | 112  | 444884   | 113.319 | ng    | 0.00     |
| 7) Phenol-d6                | 6.498  | 99   | 554653   | 102.700 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.434  | 82   | 377321   | 69.765  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.698 | 330  | 153471   | 101.622 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl        | 9.222  | 172  | 692505   | 69.788  | ng    | -0.01    |
| 79) Terphenyl-d14           | 12.980 | 244  | 638104   | 62.819  | ng    | -0.01    |

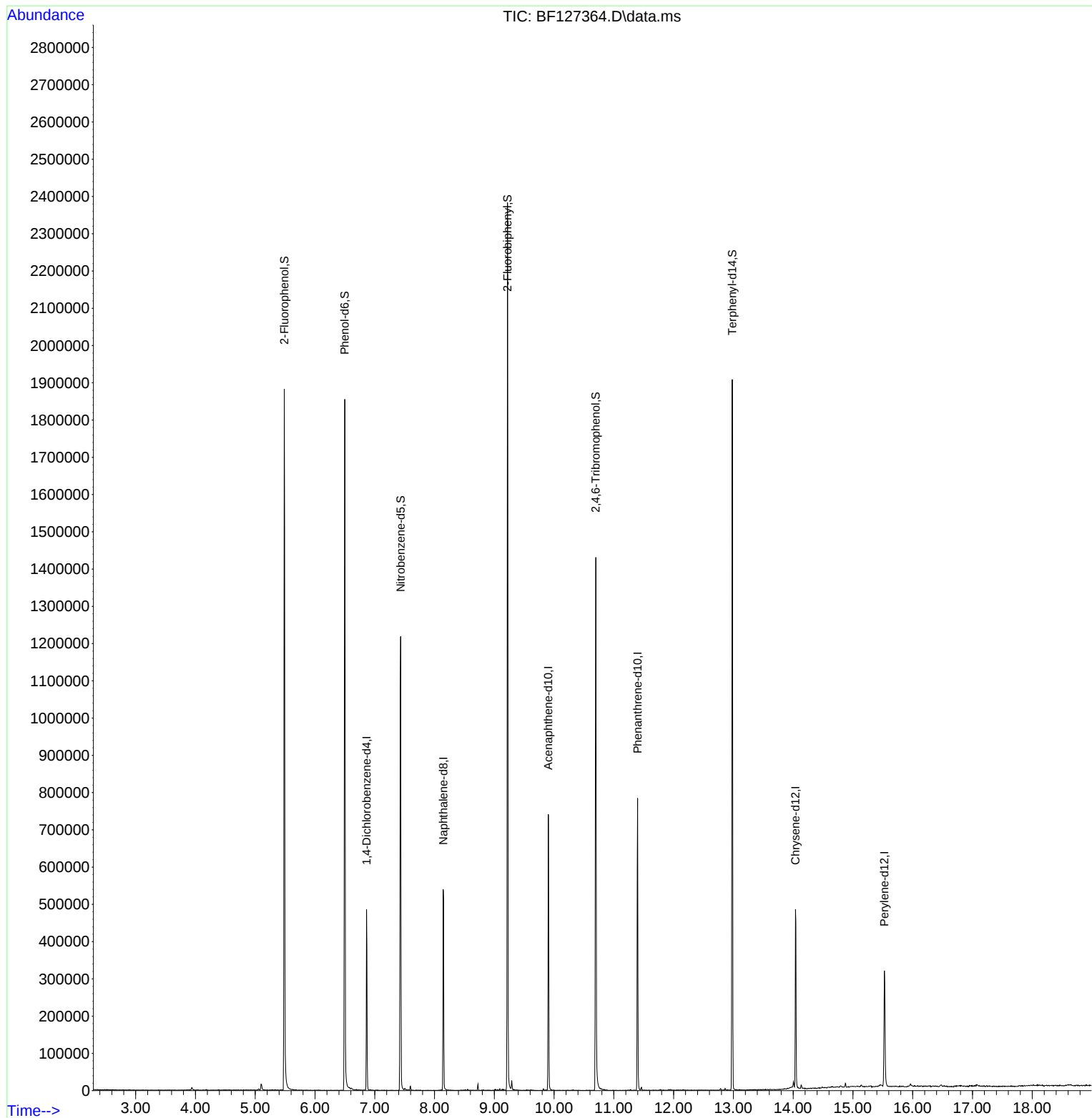
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

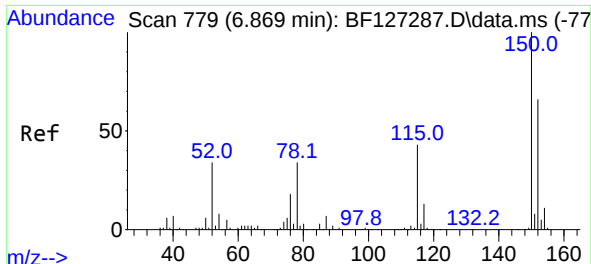
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF031622\  
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Misc :  
ALS Vial : 20 Sample Multiplier: 1

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DB-14-(20-25)-3-12-22

Quant Time: Mar 17 02:37:06 2022  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF031022.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Mar 10 16:51:53 2022  
Response via : Initial Calibration

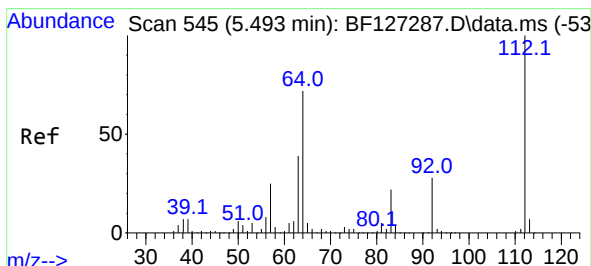
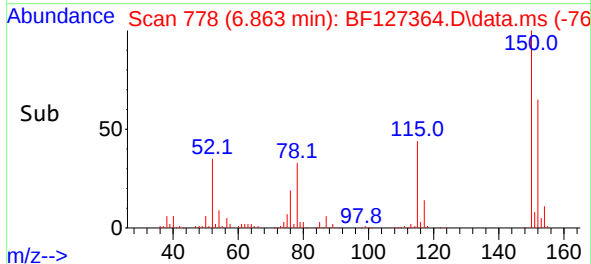
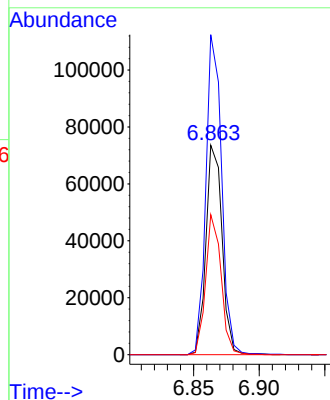
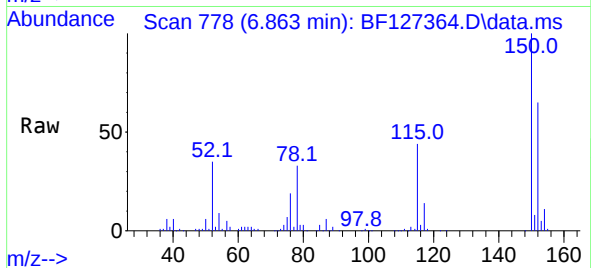




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.863 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BF127364.D  
Acq: 16 Mar 2022 23:21

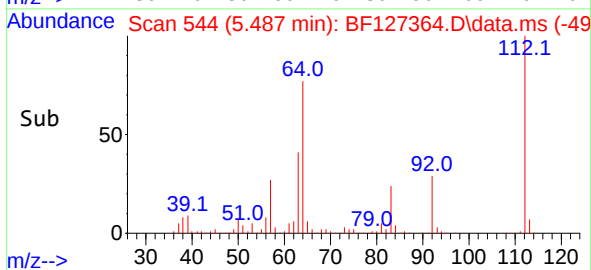
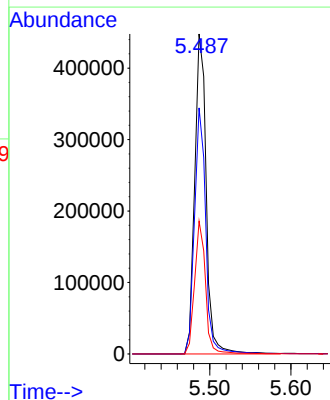
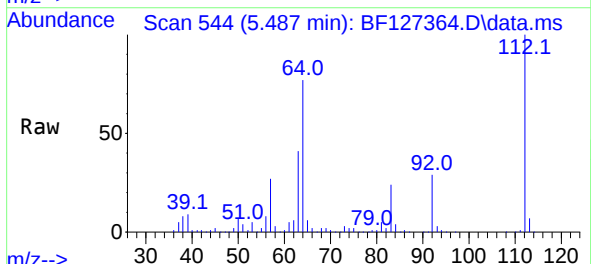
Instrument :  
BNA\_F  
ClientSampleId :  
DB-14-(20-25)-3-12-22

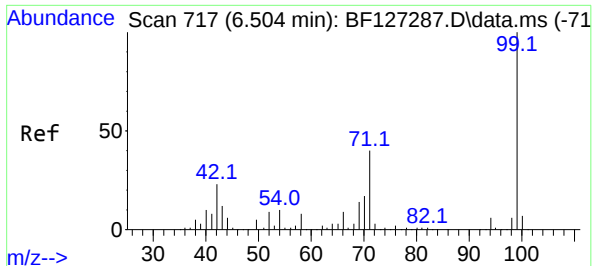
Tgt Ion:152 Resp: 63112  
Ion Ratio Lower Upper  
152 100  
150 152.8 128.1 192.1  
115 66.9 56.7 85.1



#5  
2-Fluorophenol  
Concen: 113.319 ng  
RT: 5.487 min Scan# 544  
Delta R.T. -0.006 min  
Lab File: BF127364.D  
Acq: 16 Mar 2022 23:21

Tgt Ion:112 Resp: 444884  
Ion Ratio Lower Upper  
112 100  
64 76.9 49.5 74.3#  
63 41.5 23.9 35.9#

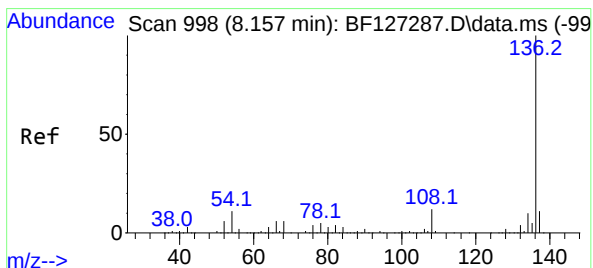
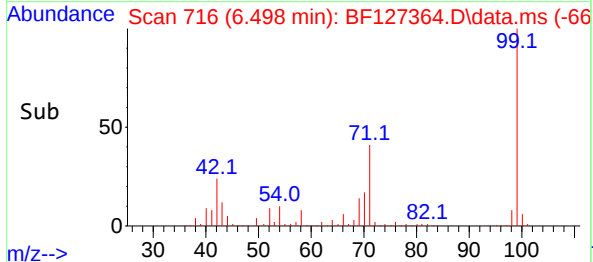
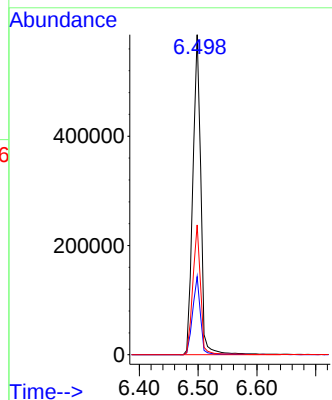
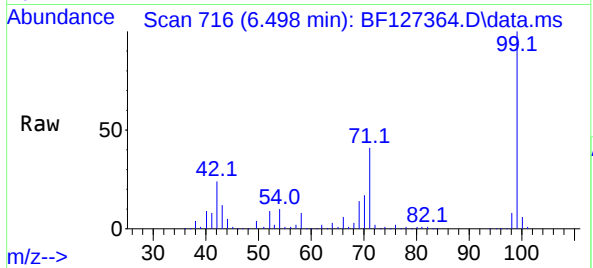




#7  
Phenol-d6  
Concen: 102.700 ng  
RT: 6.498 min Scan# 716  
Delta R.T. -0.006 min  
Lab File: BF127364.D  
Acq: 16 Mar 2022 23:21

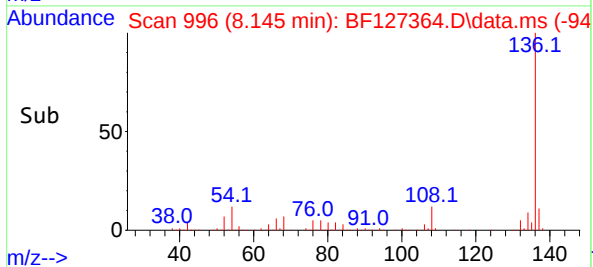
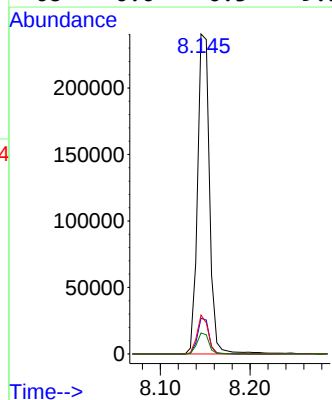
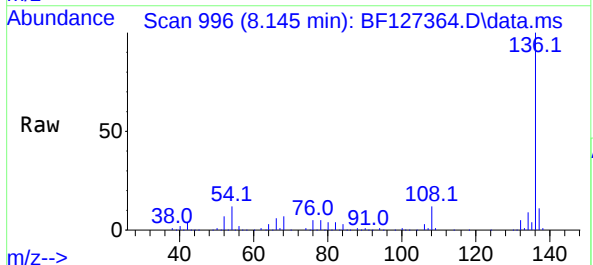
Instrument :  
BNA\_F  
ClientSampleId :  
DB-14-(20-25)-3-12-22

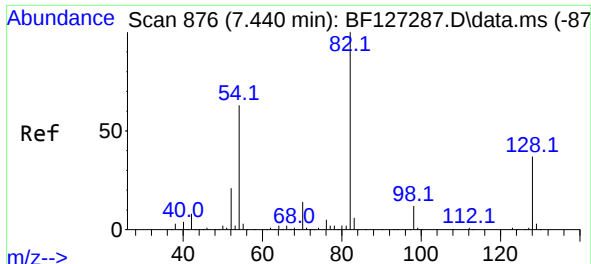
Tgt Ion: 99 Resp: 554653  
Ion Ratio Lower Upper  
99 100  
42 24.4 14.2 21.4#  
71 40.6 24.3 36.5#



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.145 min Scan# 996  
Delta R.T. -0.012 min  
Lab File: BF127364.D  
Acq: 16 Mar 2022 23:21

Tgt Ion: 136 Resp: 223360  
Ion Ratio Lower Upper  
136 100  
137 11.2 8.6 13.0  
54 12.2 7.8 11.6#  
68 6.6 6.3 9.5

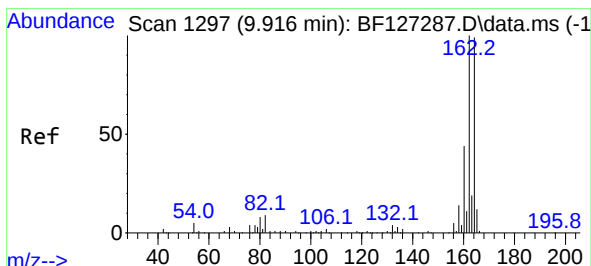
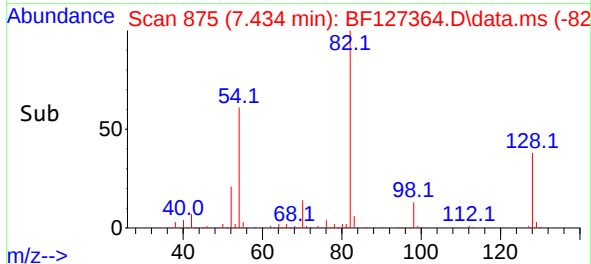
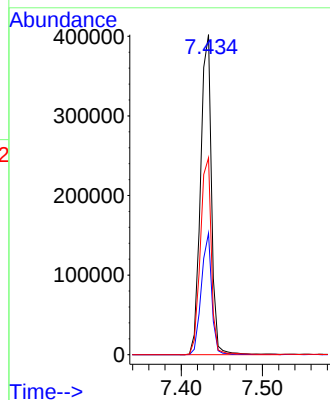
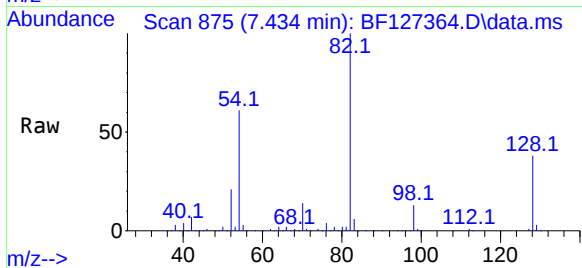




#23  
Nitrobenzene-d5  
Concen: 69.765 ng  
RT: 7.434 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BF127364.D  
Acq: 16 Mar 2022 23:21

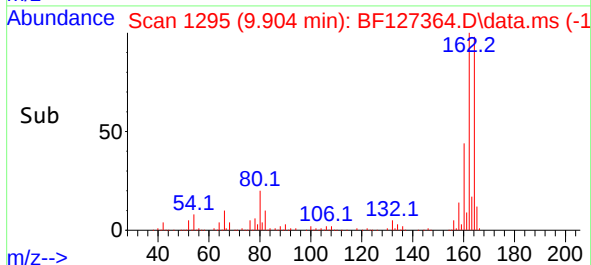
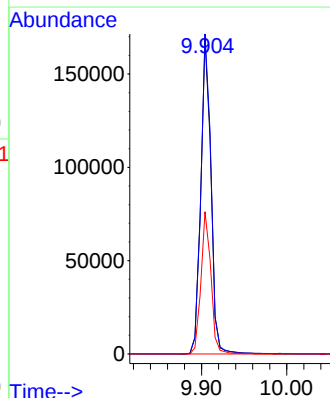
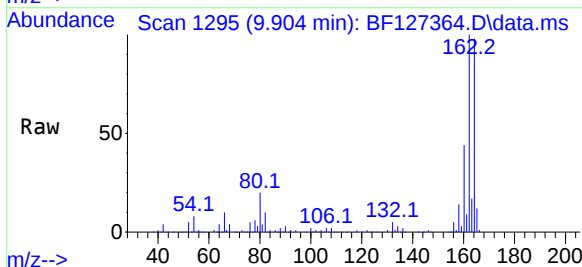
Instrument :  
BNA\_F  
ClientSampleId :  
DB-14-(20-25)-3-12-22

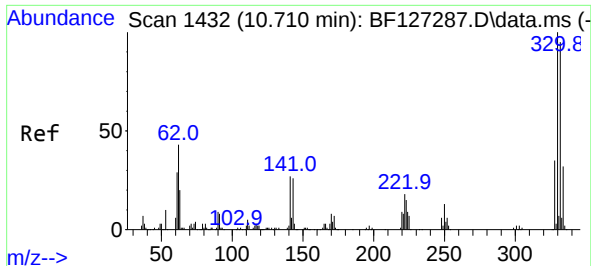
Tgt Ion: 82 Resp: 377321  
Ion Ratio Lower Upper  
82 100  
128 38.0 32.7 49.1  
54 61.5 41.7 62.5



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.904 min Scan# 1295  
Delta R.T. -0.012 min  
Lab File: BF127364.D  
Acq: 16 Mar 2022 23:21

Tgt Ion: 164 Resp: 140290  
Ion Ratio Lower Upper  
164 100  
162 101.7 81.4 122.0  
160 45.2 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 101.622 ng

RT: 10.698 min Scan# 1430

Delta R.T. -0.012 min

Lab File: BF127364.D

Acq: 16 Mar 2022 23:21

Instrument :

BNA\_F

ClientSampleId :

DB-14-(20-25)-3-12-22

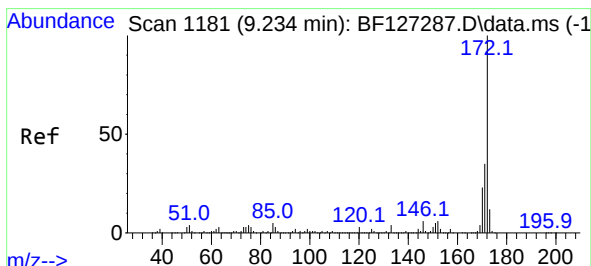
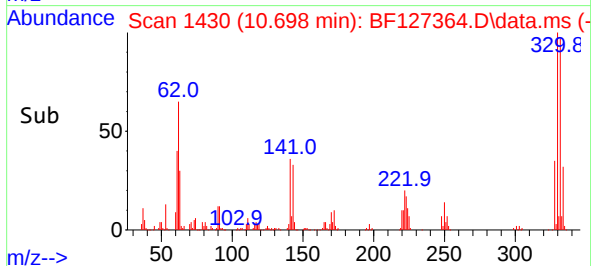
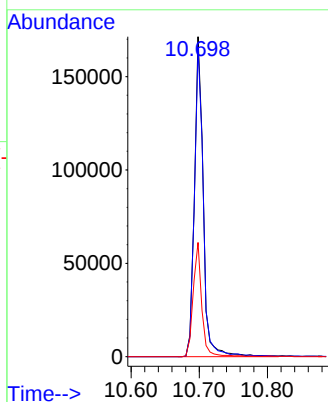
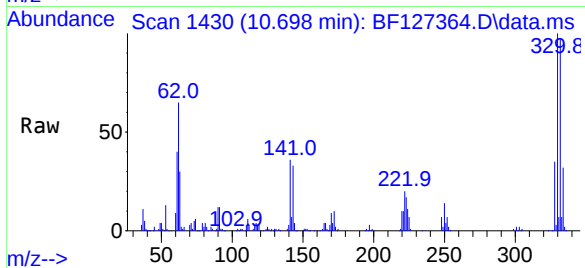
Tgt Ion:330 Resp: 153471

Ion Ratio Lower Upper

330 100

332 98.2 76.0 114.0

141 34.9 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 69.788 ng

RT: 9.222 min Scan# 1179

Delta R.T. -0.012 min

Lab File: BF127364.D

Acq: 16 Mar 2022 23:21

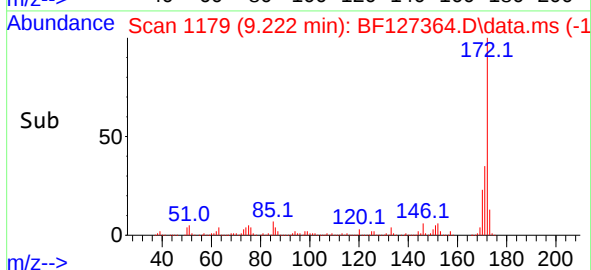
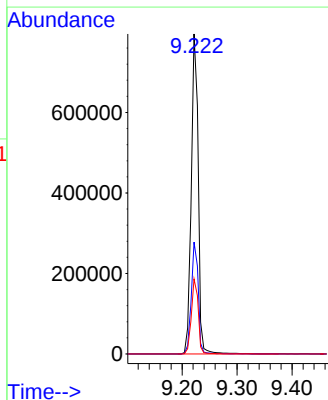
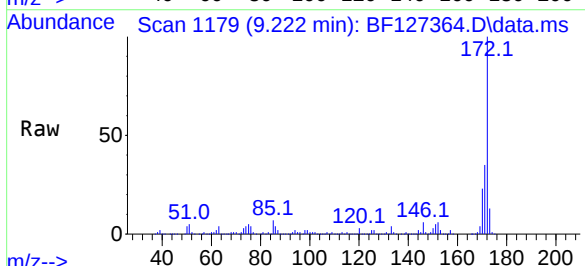
Tgt Ion:172 Resp: 692505

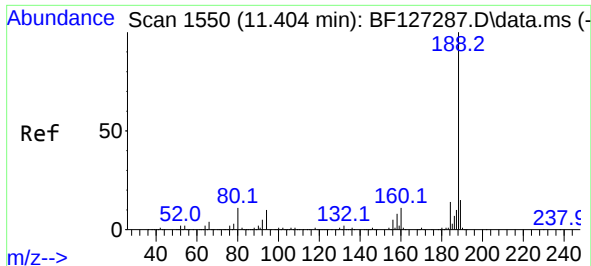
Ion Ratio Lower Upper

172 100

171 35.0 28.3 42.5

170 23.5 19.0 28.6

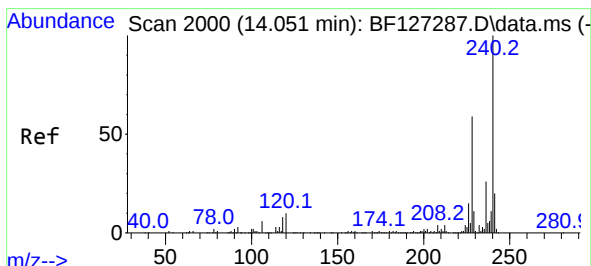
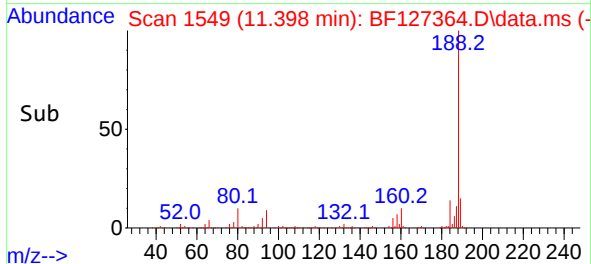
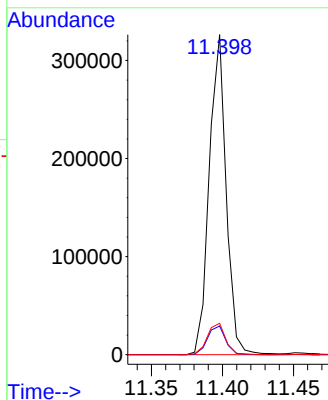
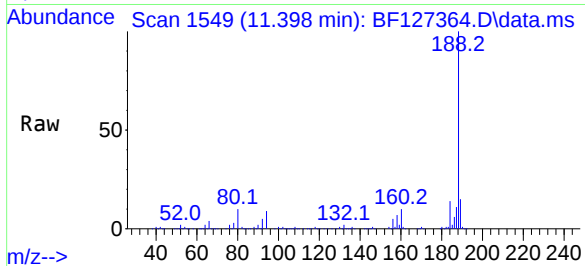




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.398 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF127364.D  
Acq: 16 Mar 2022 23:21

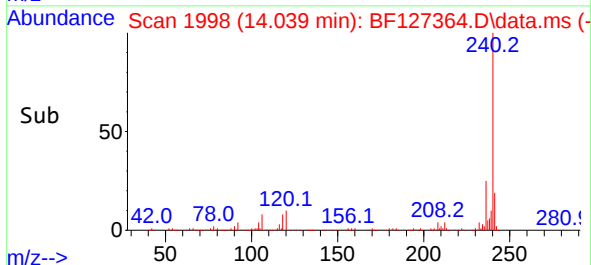
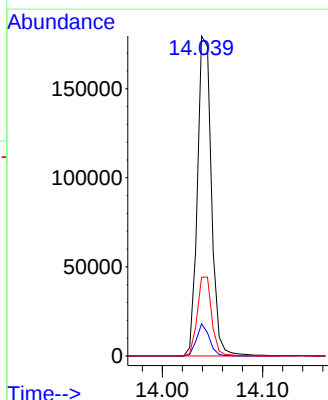
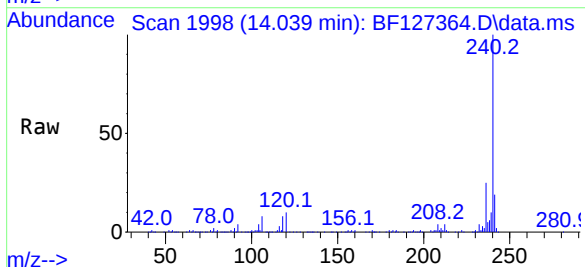
Instrument :  
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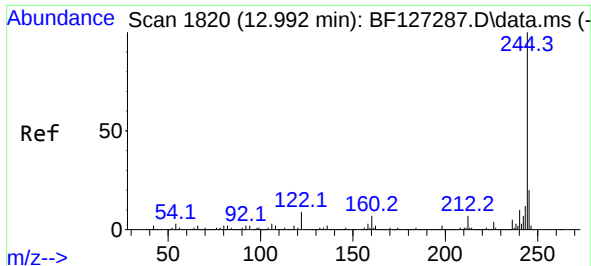
Tgt Ion:188 Resp: 270049  
Ion Ratio Lower Upper  
188 100  
94 9.0 10.1 15.1#  
80 9.8 11.8 17.6#



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.039 min Scan# 1998  
Delta R.T. -0.012 min  
Lab File: BF127364.D  
Acq: 16 Mar 2022 23:21

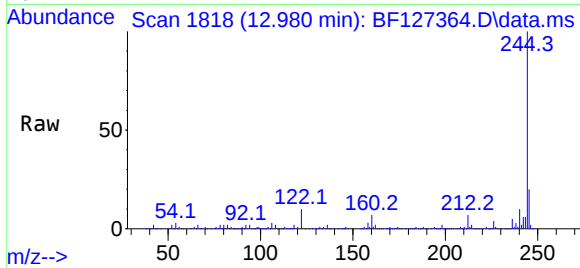
Tgt Ion:240 Resp: 174913  
Ion Ratio Lower Upper  
240 100  
120 10.1 14.4 21.6#  
236 24.6 20.5 30.7



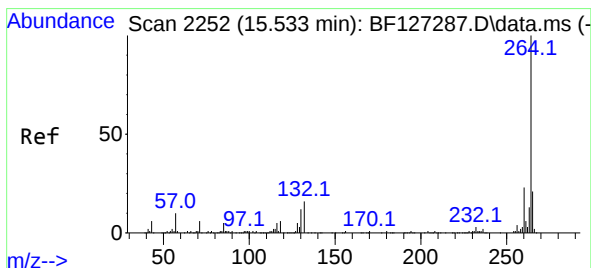
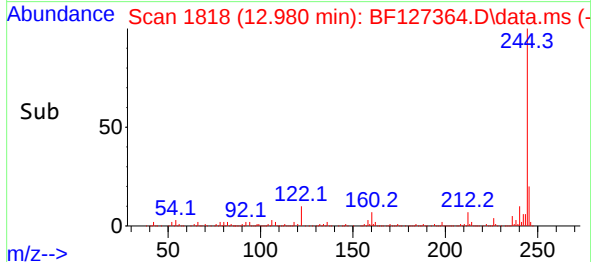
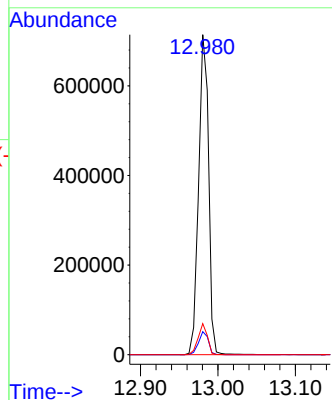


#79  
 Terphenyl-d14  
 Concen: 62.819 ng  
 RT: 12.980 min Scan# 1818  
 Delta R.T. -0.012 min  
 Lab File: BF127364.D  
 Acq: 16 Mar 2022 23:21

Instrument :  
 BNA\_F  
 ClientSampleId :  
 DB-14-(20-25)-3-12-22



Tgt Ion:244 Resp: 638104  
 Ion Ratio Lower Upper  
 244 100  
 212 7.2 5.0 7.4  
 122 9.7 13.3 19.9#



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.527 min Scan# 2251  
 Delta R.T. -0.006 min  
 Lab File: BF127364.D  
 Acq: 16 Mar 2022 23:21

Tgt Ion:264 Resp: 151319  
 Ion Ratio Lower Upper  
 264 100  
 260 24.6 19.2 28.8  
 265 20.4 17.4 26.2

