

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF032322\  
 Data File : BF127482.D  
 Acq On : 23 Mar 2022 15:59  
 Operator : CG\JU  
 Sample : N2063-07  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 WC-7-1-(10-10.5)

Quant Time: Mar 24 02:12:21 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 22 02:16:33 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.845  | 152  | 89946    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.128  | 136  | 331313   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.886  | 164  | 189993   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.374 | 188  | 338611   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 14.021 | 240  | 188767   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 15.504 | 264  | 186935   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.475  | 112  | 713022   | 126.536 | ng    | 0.00     |
| 7) Phenol-d6                | 6.486  | 99   | 989840   | 128.509 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.416  | 82   | 681068   | 87.871  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.680 | 330  | 259508   | 128.221 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.204  | 172  | 1090762  | 83.833  | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.963 | 244  | 1039778  | 90.171  | ng    | 0.00     |

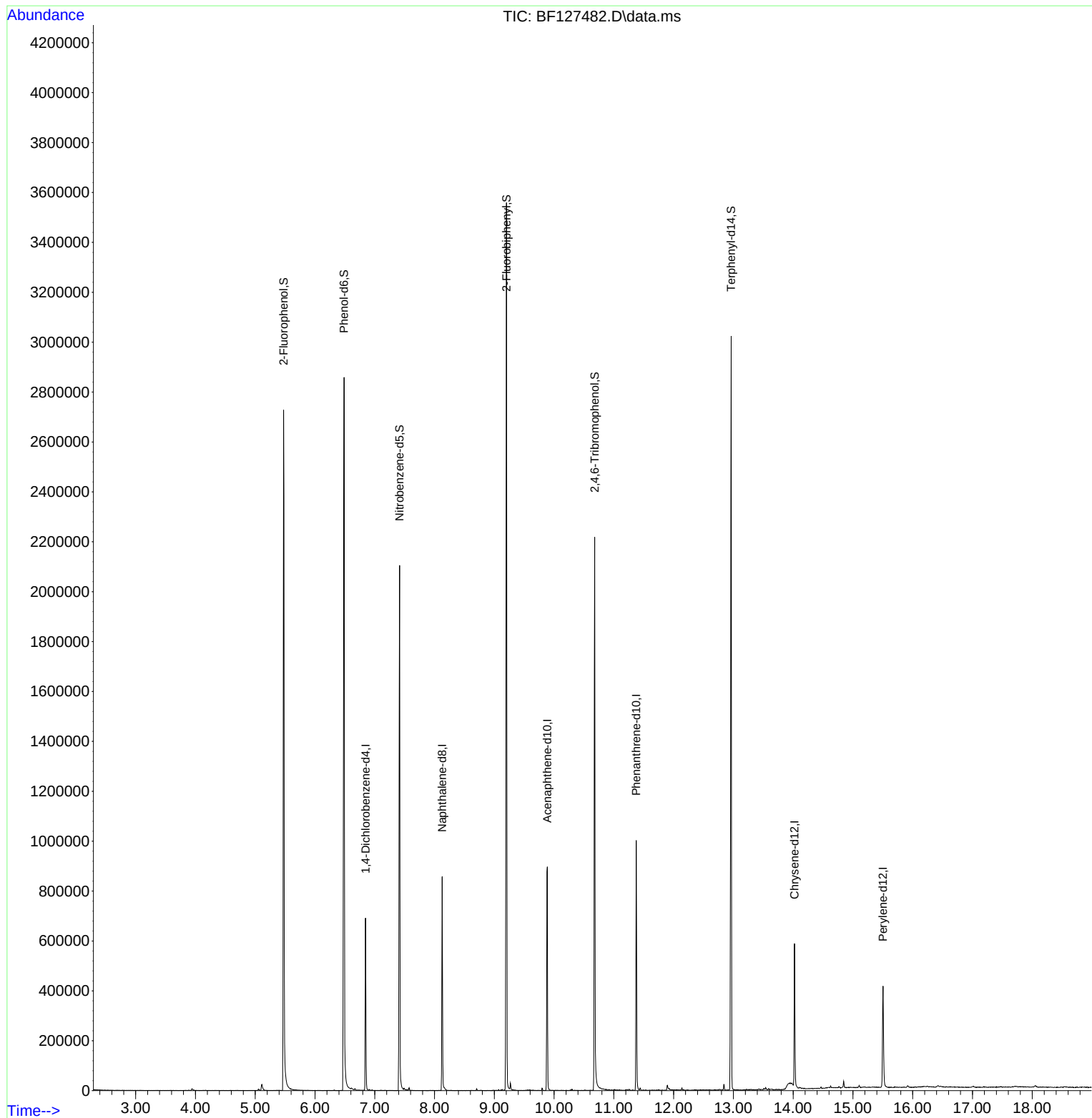
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

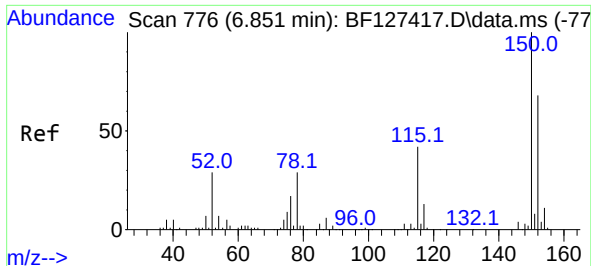
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Mar 22 02:16:33 2022  
Response via : Initial Calibration

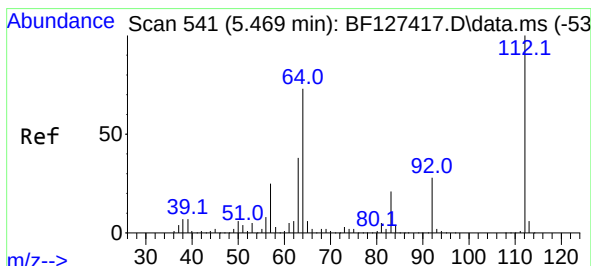
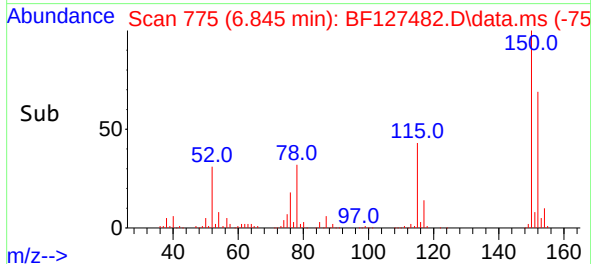
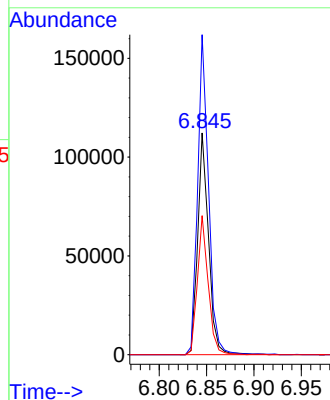
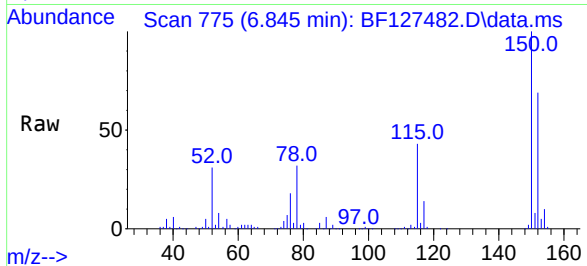




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.845 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BF127482.D  
Acq: 23 Mar 2022 15:59

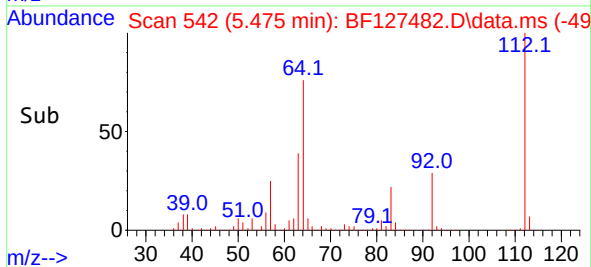
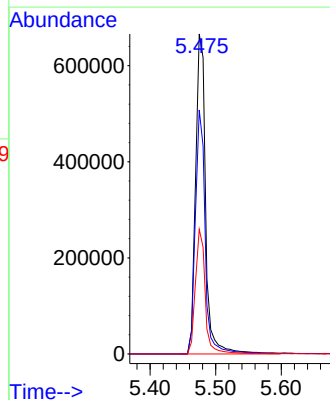
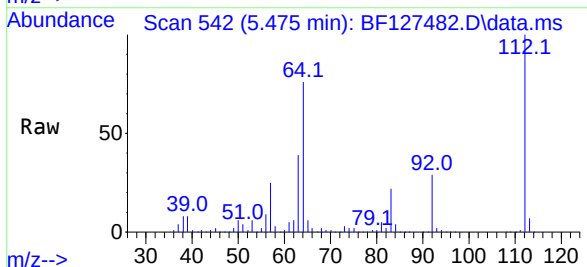
Instrument :  
BNA\_F  
ClientSampleId :  
WC-7-1-(10-10.5)

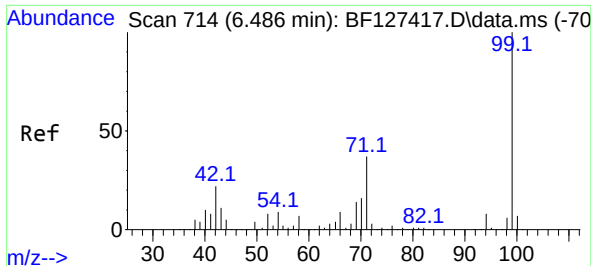
Tgt Ion:152 Resp: 89946  
Ion Ratio Lower Upper  
152 100  
150 144.3 117.2 175.8  
115 62.7 49.8 74.6



#5  
2-Fluorophenol  
Concen: 126.536 ng  
RT: 5.475 min Scan# 542  
Delta R.T. 0.006 min  
Lab File: BF127482.D  
Acq: 23 Mar 2022 15:59

Tgt Ion:112 Resp: 713022  
Ion Ratio Lower Upper  
112 100  
64 76.2 58.4 87.6  
63 38.9 30.1 45.1

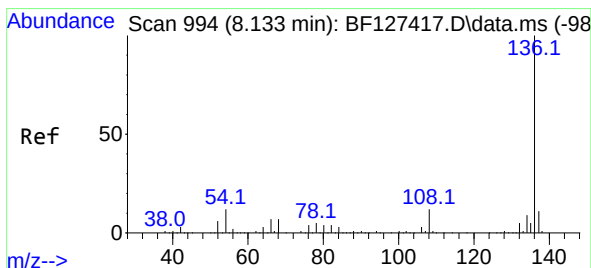
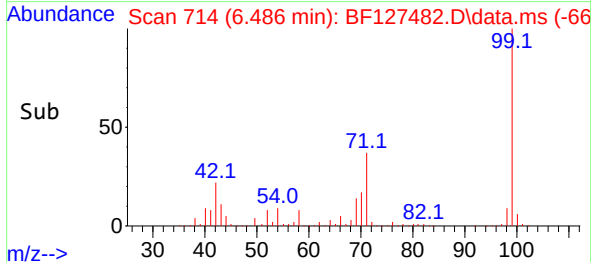
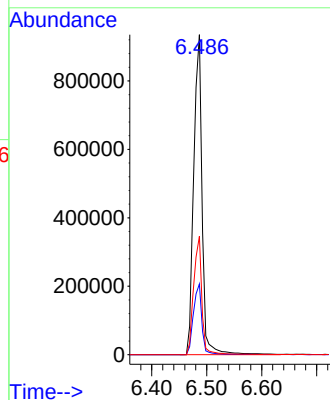
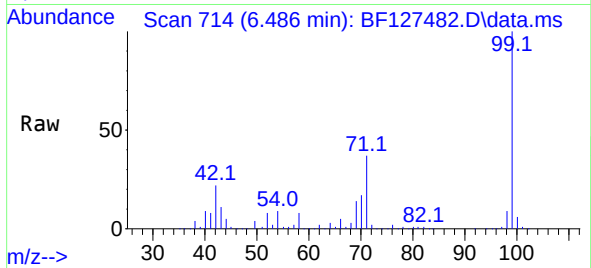




#7  
Phenol-d6  
Concen: 128.509 ng  
RT: 6.486 min Scan# 714  
Delta R.T. 0.000 min  
Lab File: BF127482.D  
Acq: 23 Mar 2022 15:59

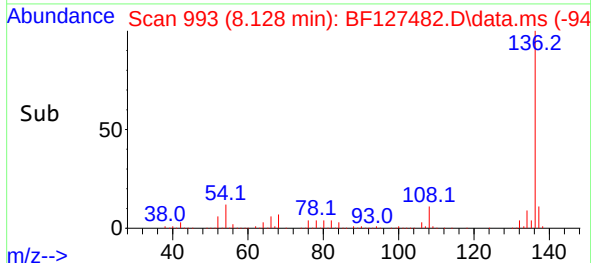
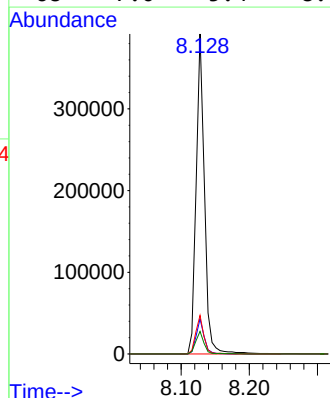
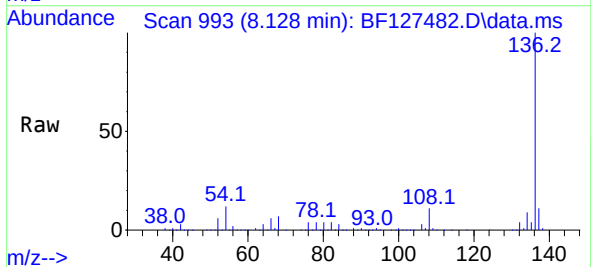
Instrument :  
BNA\_F  
ClientSampleId :  
WC-7-1-(10-10.5)

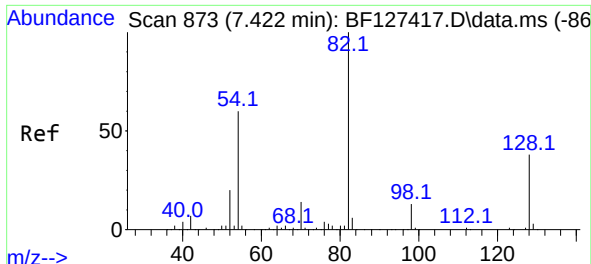
Tgt Ion: 99 Resp: 989840  
Ion Ratio Lower Upper  
99 100  
42 22.1 17.8 26.6  
71 37.0 29.6 44.4



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.128 min Scan# 993  
Delta R.T. -0.006 min  
Lab File: BF127482.D  
Acq: 23 Mar 2022 15:59

Tgt Ion:136 Resp: 331313  
Ion Ratio Lower Upper  
136 100  
137 11.0 8.6 13.0  
54 12.1 9.2 13.8  
68 7.0 5.4 8.0



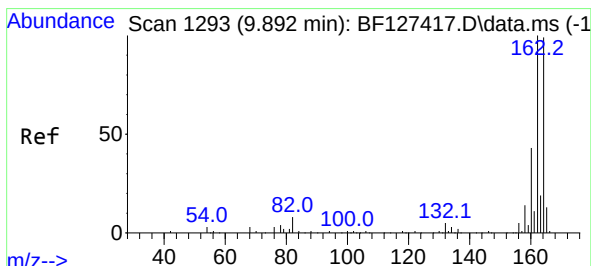
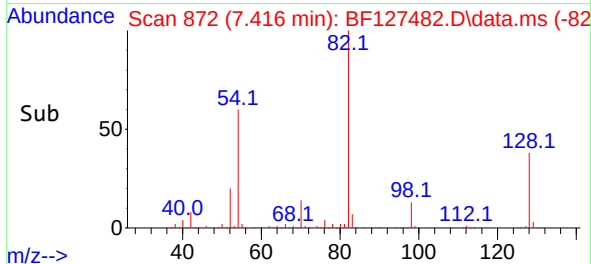
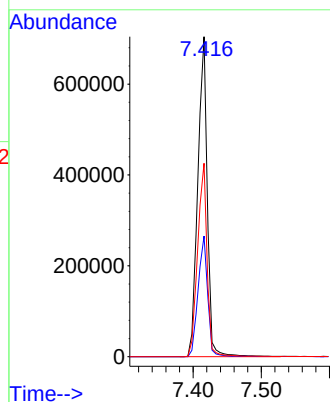
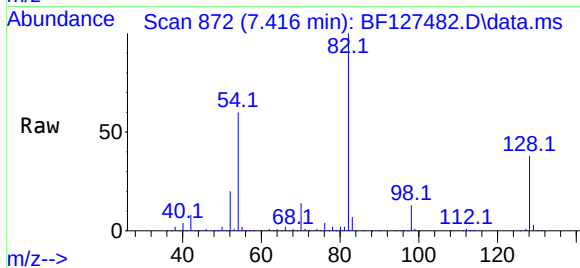


#23  
 Nitrobenzene-d5  
 Concen: 87.871 ng  
 RT: 7.416 min Scan# 81  
 Delta R.T. -0.006 min  
 Lab File: BF127482.D  
 Acq: 23 Mar 2022 15:59

Instrument :  
 BNA\_F  
 ClientSampleId :  
 WC-7-1-(10-10.5)

Tgt Ion: 82 Resp: 681068  

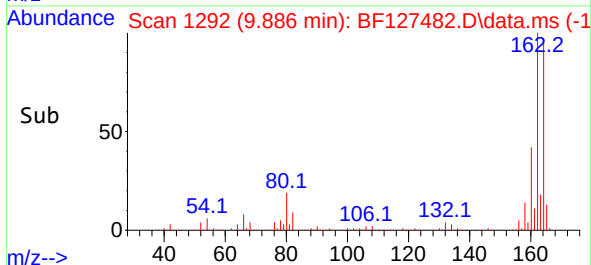
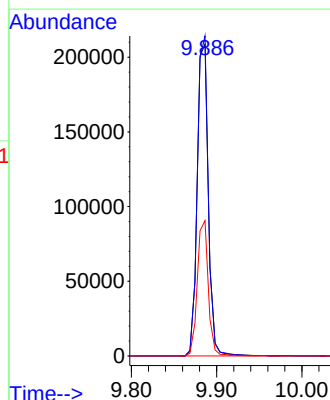
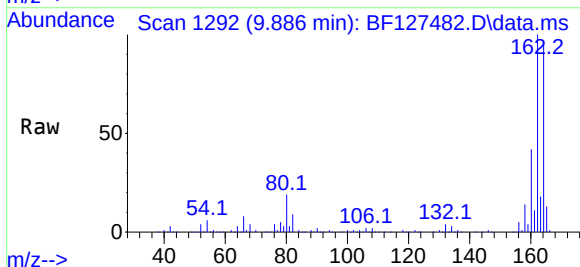
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 37.7  | 30.6  | 45.8  |
| 54  | 60.5  | 48.2  | 72.2  |

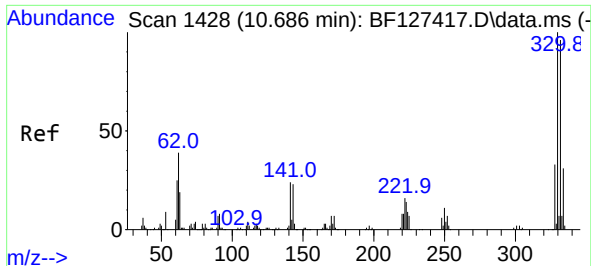


#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 9.886 min Scan# 1292  
 Delta R.T. -0.006 min  
 Lab File: BF127482.D  
 Acq: 23 Mar 2022 15:59

Tgt Ion:164 Resp: 189993  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 162 | 102.7 | 81.2  | 121.8 |
| 160 | 43.4  | 34.6  | 52.0  |





#42

2,4,6-Tribromophenol

Concen: 128.221 ng

RT: 10.680 min Scan# 1428

Delta R.T. -0.006 min

Lab File: BF127482.D

Acq: 23 Mar 2022 15:59

Instrument :

BNA\_F

ClientSampleId :

WC-7-1-(10-10.5)

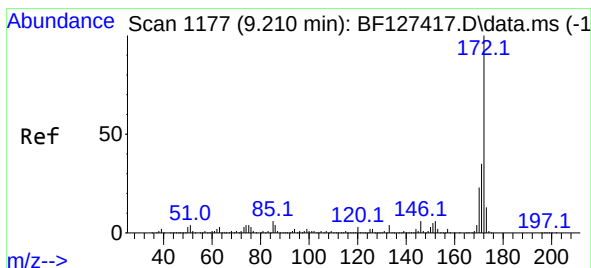
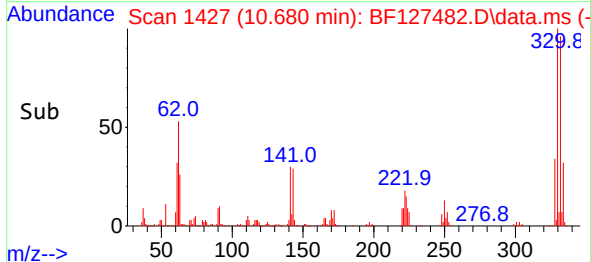
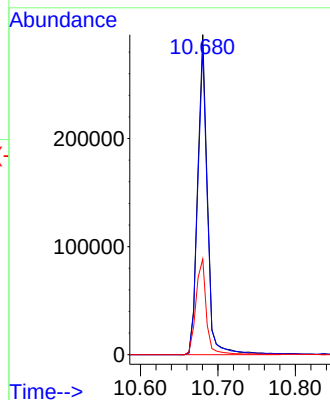
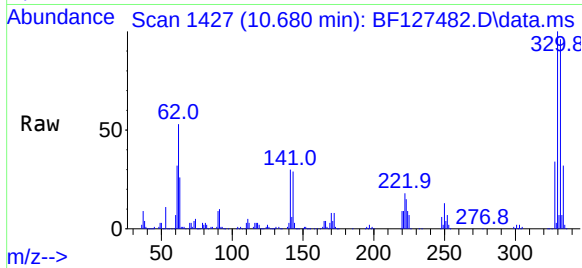
Tgt Ion:330 Resp: 259508

Ion Ratio Lower Upper

330 100

332 96.3 79.1 118.7

141 31.7 26.2 39.4



#45

2-Fluorobiphenyl

Concen: 83.833 ng

RT: 9.204 min Scan# 1176

Delta R.T. -0.006 min

Lab File: BF127482.D

Acq: 23 Mar 2022 15:59

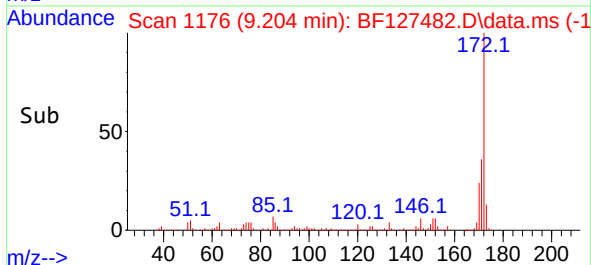
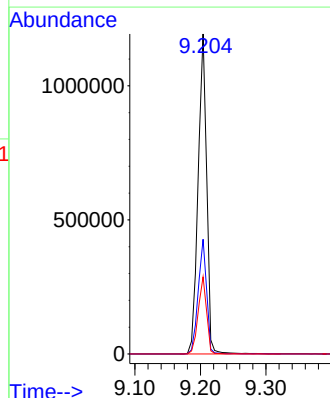
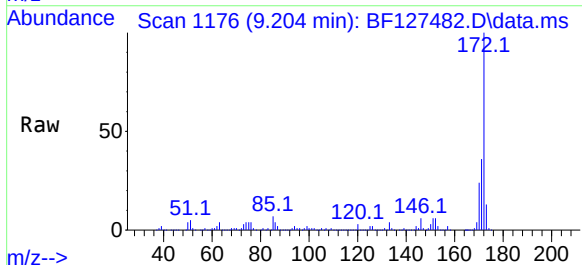
Tgt Ion:172 Resp: 1090762

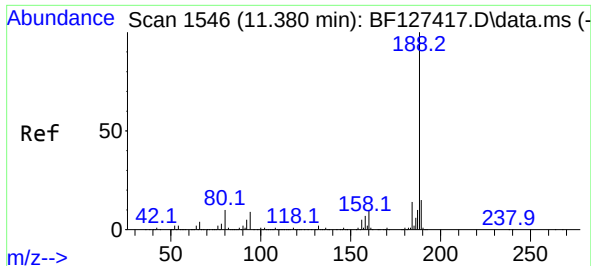
Ion Ratio Lower Upper

172 100

171 35.8 28.4 42.6

170 24.1 18.6 27.8

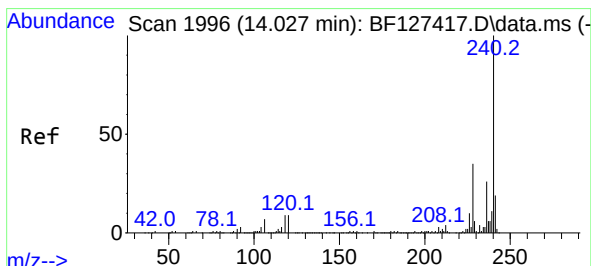
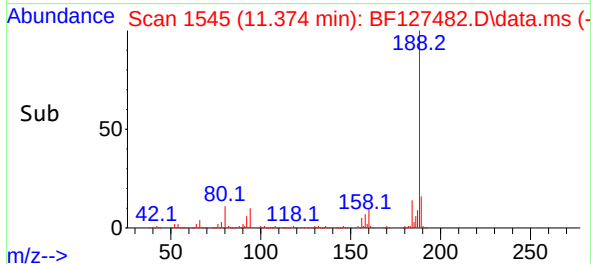
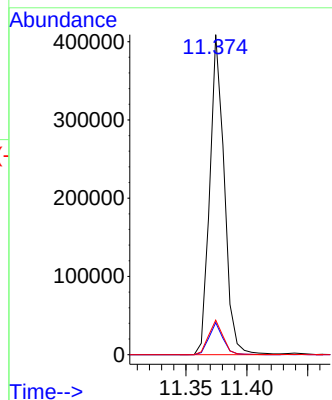
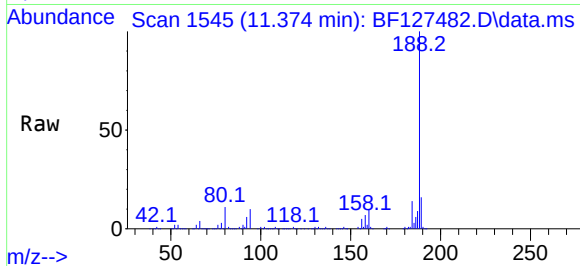




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.374 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF127482.D  
Acq: 23 Mar 2022 15:59

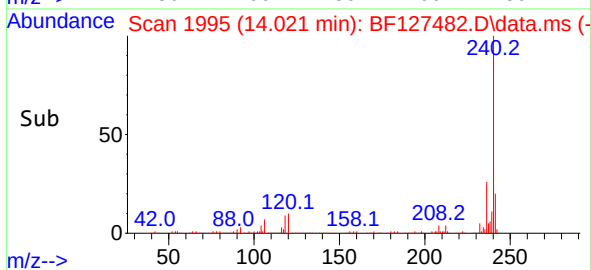
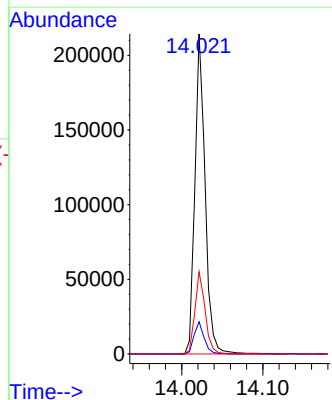
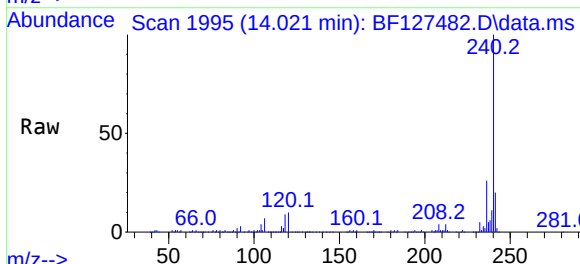
Instrument :  
BNA\_F  
ClientSampleId :  
WC-7-1-(10-10.5)

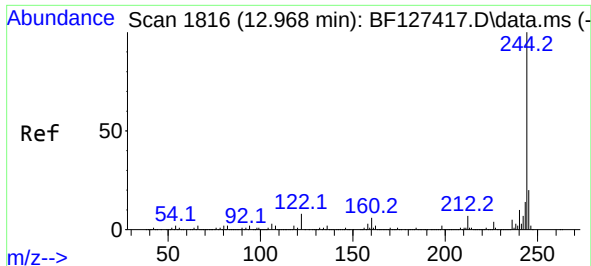
Tgt Ion:188 Resp: 338611  
Ion Ratio Lower Upper  
188 100  
94 10.0 7.4 11.0  
80 10.8 8.0 12.0



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.021 min Scan# 1995  
Delta R.T. -0.006 min  
Lab File: BF127482.D  
Acq: 23 Mar 2022 15:59

Tgt Ion:240 Resp: 188767  
Ion Ratio Lower Upper  
240 100  
120 10.0 7.1 10.7  
236 25.7 20.7 31.1

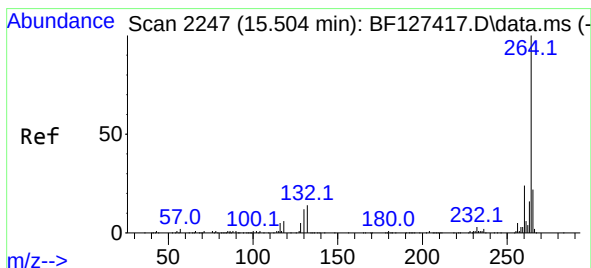
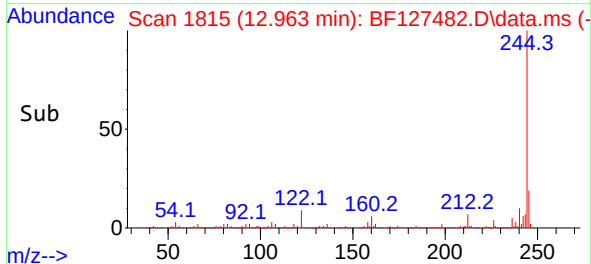
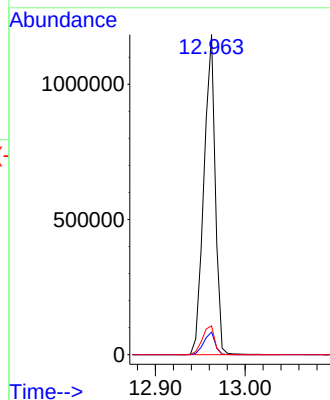
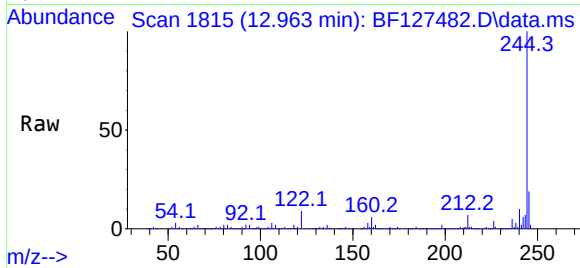




#79  
 Terphenyl-d14  
 Concen: 90.171 ng  
 RT: 12.963 min Scan# 1816  
 Delta R.T. -0.006 min  
 Lab File: BF127482.D  
 Acq: 23 Mar 2022 15:59

Instrument :  
 BNA\_F  
 ClientSampleId :  
 WC-7-1-(10-10.5)

Tgt Ion:244 Resp: 1039778  
 Ion Ratio Lower Upper  
 244 100  
 212 7.1 5.7 8.5  
 122 9.0 6.2 9.2



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.504 min Scan# 2247  
 Delta R.T. 0.000 min  
 Lab File: BF127482.D  
 Acq: 23 Mar 2022 15:59

Tgt Ion:264 Resp: 186935  
 Ion Ratio Lower Upper  
 264 100  
 260 23.6 19.1 28.7  
 265 20.5 17.4 26.2

