

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF032621\  
 Data File : BF123483.D  
 Acq On : 26 Mar 2021 13:16  
 Operator : JU/CG  
 Sample : PB135347BL  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB135347BL

Quant Time: Mar 26 14:11:52 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF032321.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Mar 26 12:51:59 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.898  | 152  | 216675   | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.181  | 136  | 800248   | 20.00  | ng    | # 0.00   |
| 39) Acenaphthene-d10        | 9.945  | 164  | 443810   | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.433 | 188  | 782849   | 20.00  | ng    | 0.00     |
| 76) Chrysene-d12            | 14.080 | 240  | 653349   | 20.00  | ng    | 0.00     |
| 86) Perylene-d12            | 15.580 | 264  | 555988   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.528  | 112  | 1544635  | 116.62 | ng    | 0.01     |
| 7) Phenol-d6                | 6.522  | 99   | 1951702  | 110.70 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.463  | 82   | 1303330  | 87.90  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.733 | 330  | 596823   | 120.28 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.263  | 172  | 2309151  | 74.33  | ng    | 0.00     |
| 79) Terphenyl-d14           | 13.027 | 244  | 2708302  | 70.25  | ng    | 0.00     |

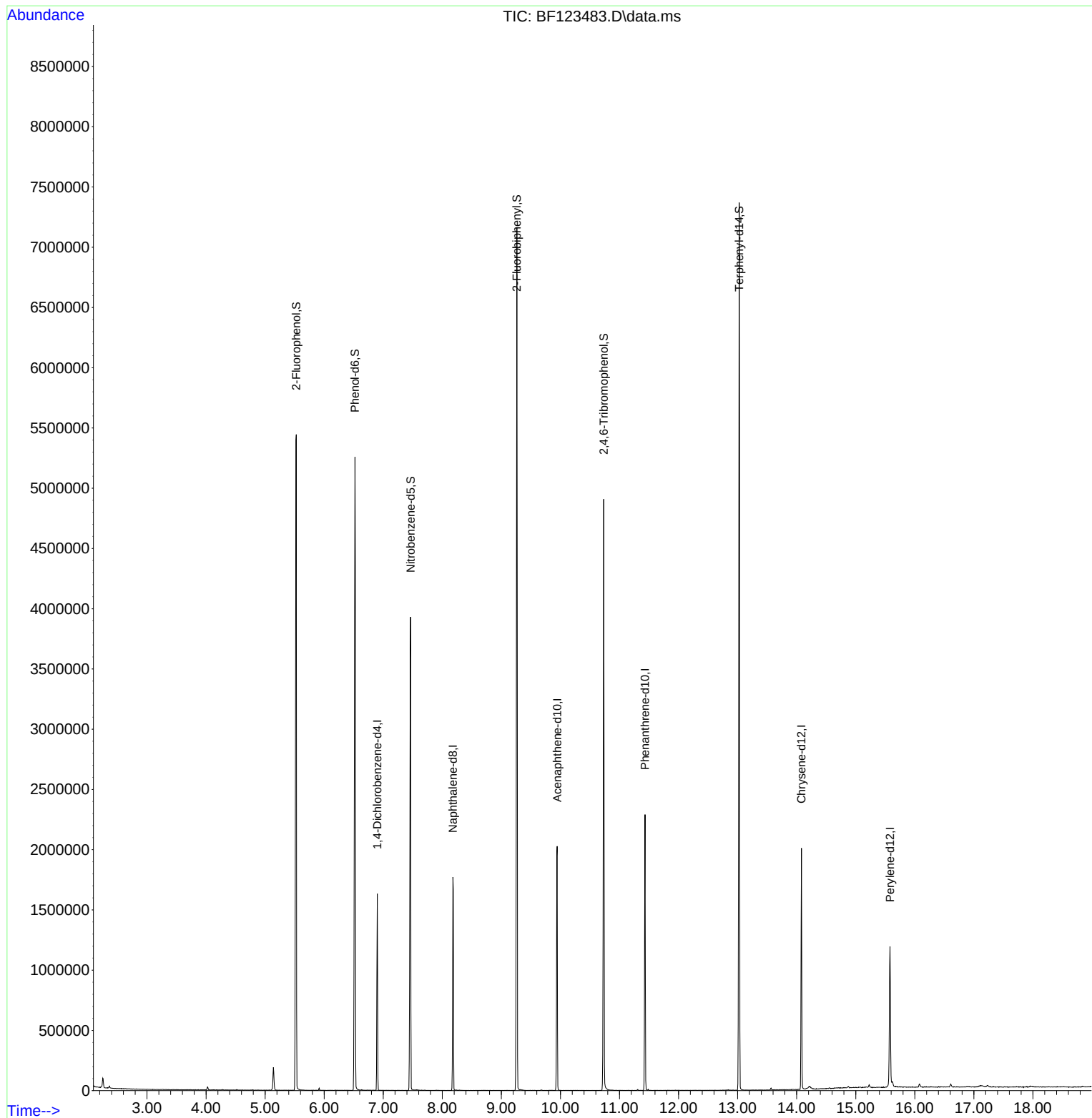
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

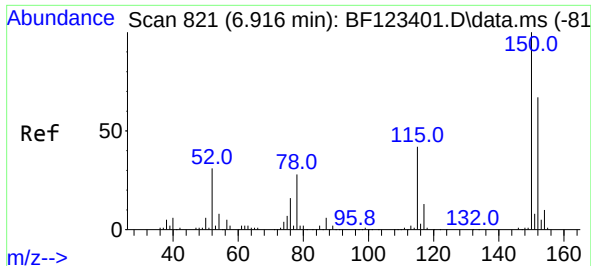
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 8 Sample Multiplier: 1

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QLast Update : Fri Mar 26 12:51:59 2021  
Response via : Initial Calibration

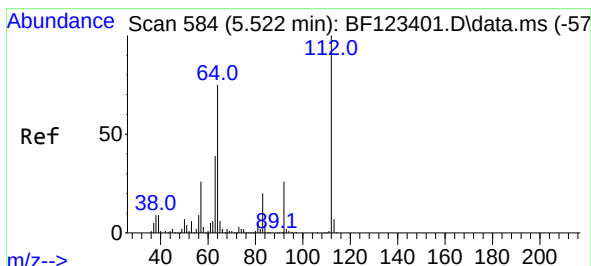
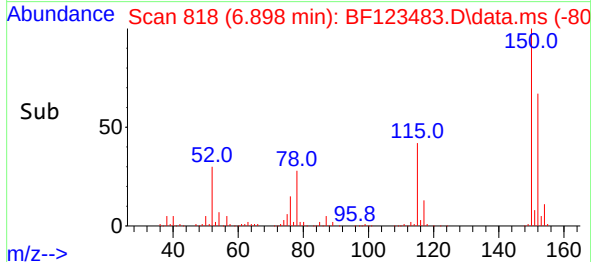
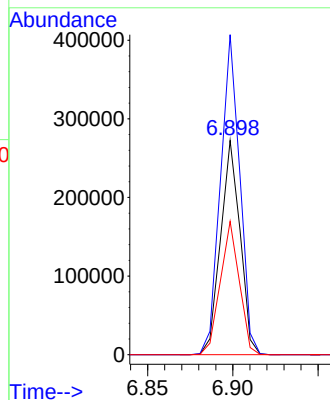
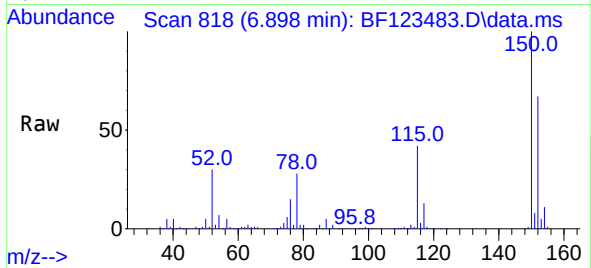




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 6.898 min Scan# 818  
Delta R.T. 0.000 min  
Lab File: BF123483.D  
Acq: 26 Mar 2021 13:16

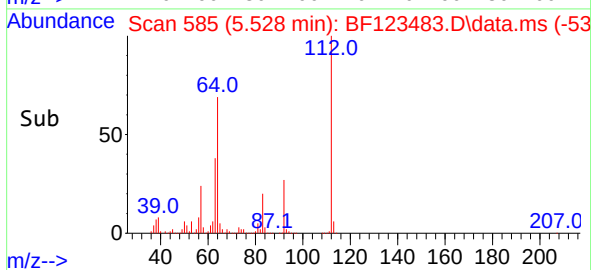
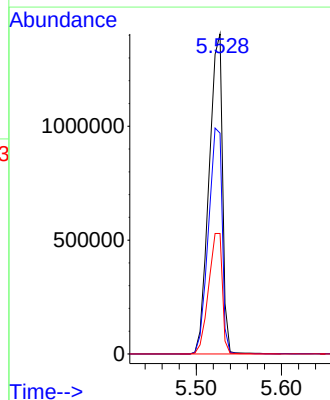
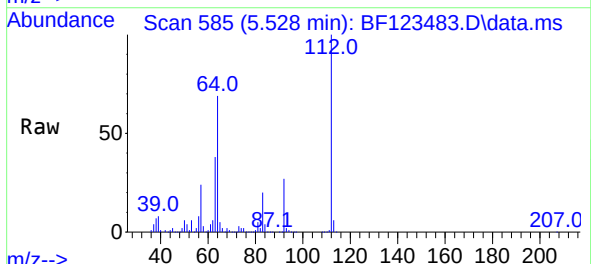
Instrument :  
BNA\_F  
ClientSampleId :  
PB135347BL

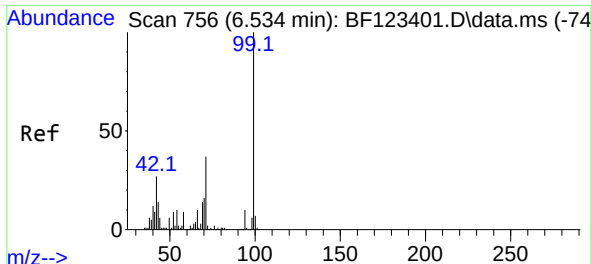
Tgt Ion:152 Resp: 216675  
Ion Ratio Lower Upper  
152 100  
150 149.3 125.8 188.6  
115 62.2 49.3 73.9



#5  
2-Fluorophenol  
Concen: 116.62 ng  
RT: 5.528 min Scan# 585  
Delta R.T. 0.012 min  
Lab File: BF123483.D  
Acq: 26 Mar 2021 13:16

Tgt Ion:112 Resp: 1544635  
Ion Ratio Lower Upper  
112 100  
64 69.0 46.9 70.3  
63 37.7 24.5 36.7#

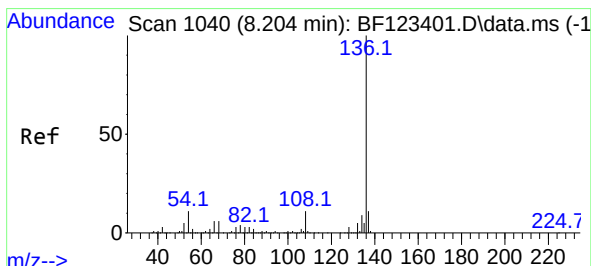
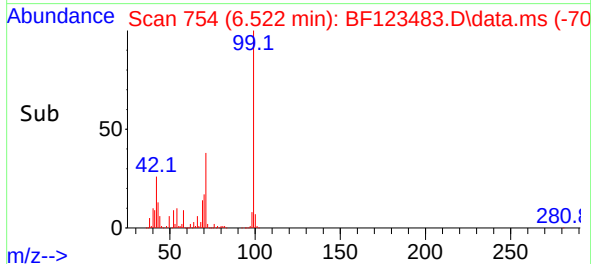
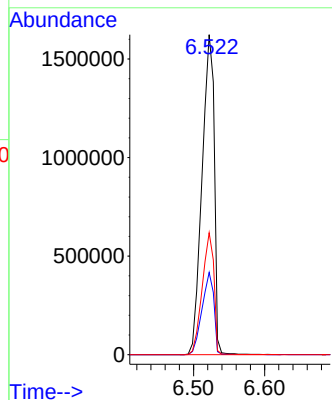
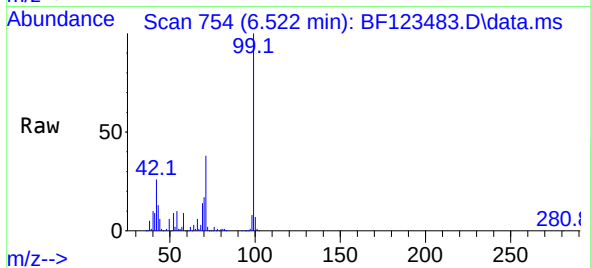




#7  
Phenol-d6  
Concen: 110.70 ng  
RT: 6.522 min Scan# 754  
Delta R.T. -0.006 min  
Lab File: BF123483.D  
Acq: 26 Mar 2021 13:16

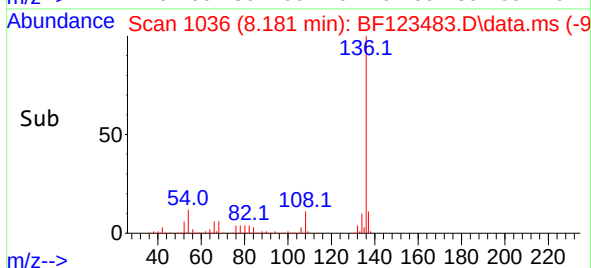
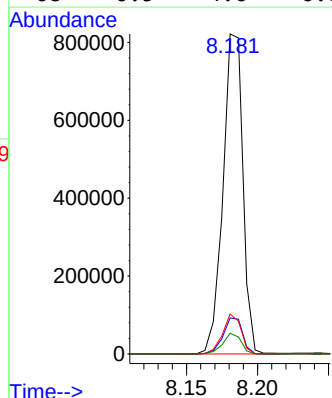
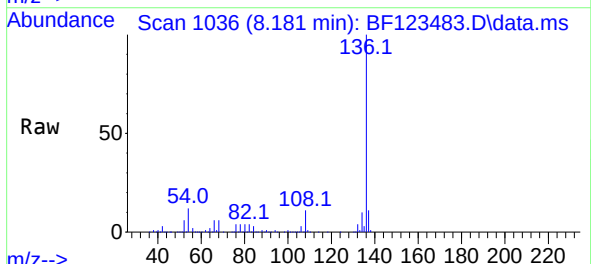
Instrument :  
BNA\_F  
ClientSampleId :  
PB135347BL

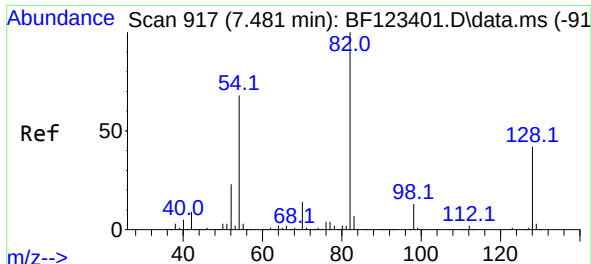
Tgt Ion: 99 Resp: 1951702  
Ion Ratio Lower Upper  
99 100  
42 25.7 13.8 20.6#  
71 38.1 26.9 40.3



#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 8.181 min Scan# 1036  
Delta R.T. -0.006 min  
Lab File: BF123483.D  
Acq: 26 Mar 2021 13:16

Tgt Ion: 136 Resp: 800248  
Ion Ratio Lower Upper  
136 100  
137 11.2 8.8 13.2  
54 12.5 5.5 8.3#  
68 6.5 4.6 6.8

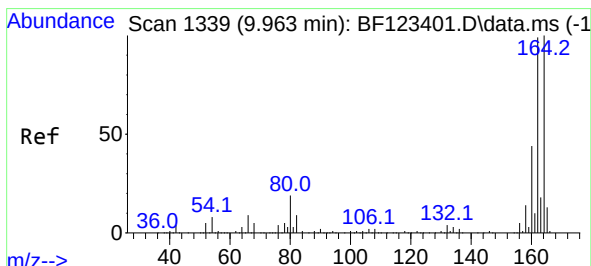
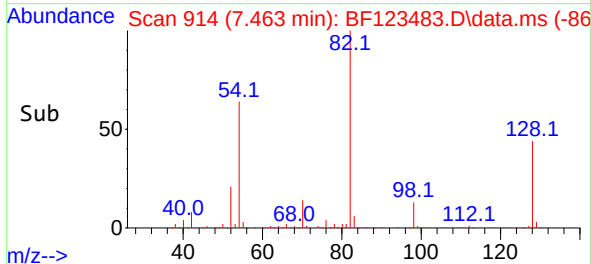
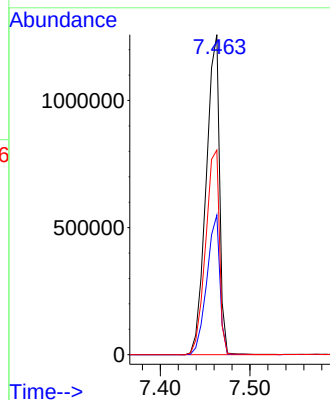
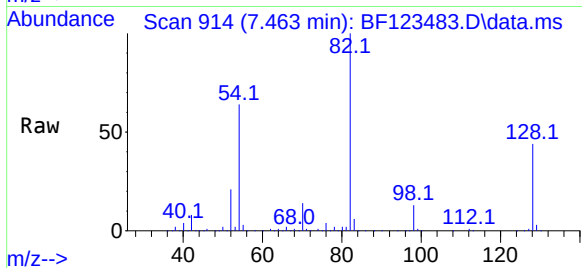




#23  
Nitrobenzene-d5  
Concen: 87.90 ng  
RT: 7.463 min Scan# 914  
Delta R.T. 0.000 min  
Lab File: BF123483.D  
Acq: 26 Mar 2021 13:16

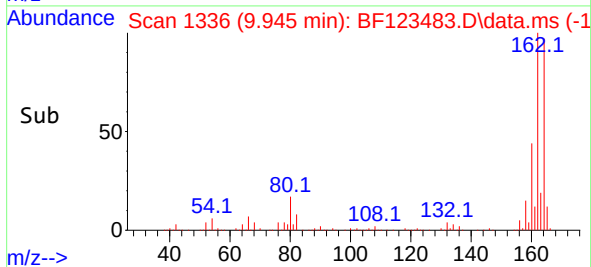
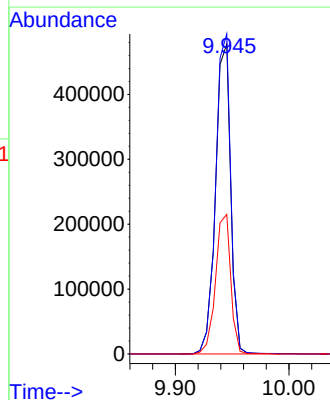
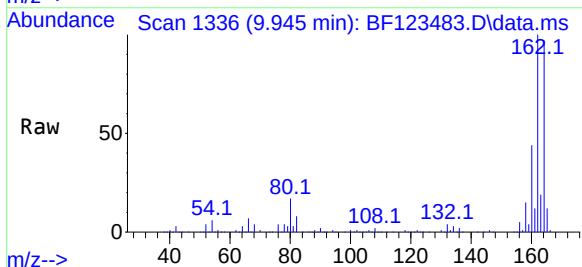
Instrument :  
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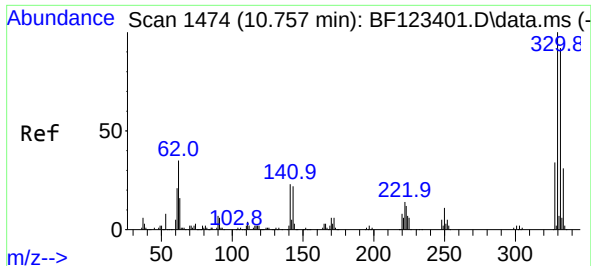
Tgt Ion: 82 Resp: 1303330  
Ion Ratio Lower Upper  
82 100  
128 43.6 37.0 55.4  
54 63.9 38.4 57.6#



#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 9.945 min Scan# 1336  
Delta R.T. 0.000 min  
Lab File: BF123483.D  
Acq: 26 Mar 2021 13:16

Tgt Ion:164 Resp: 443810  
Ion Ratio Lower Upper  
164 100  
162 103.2 80.8 121.2  
160 45.0 35.4 53.0

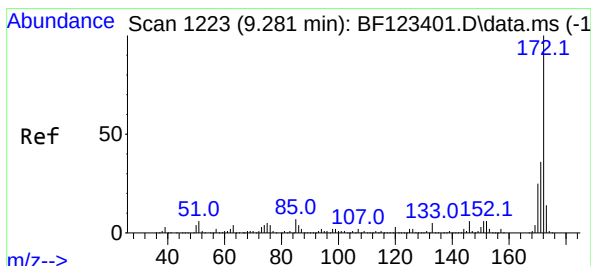
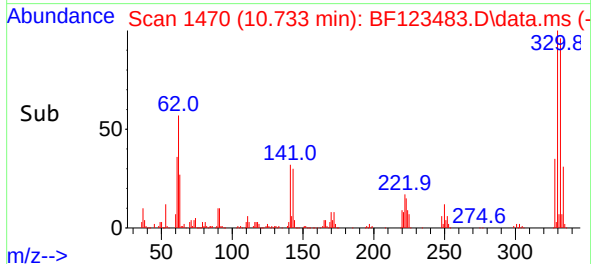
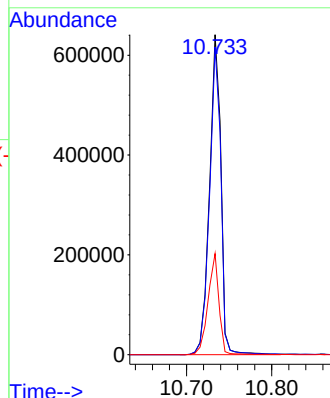
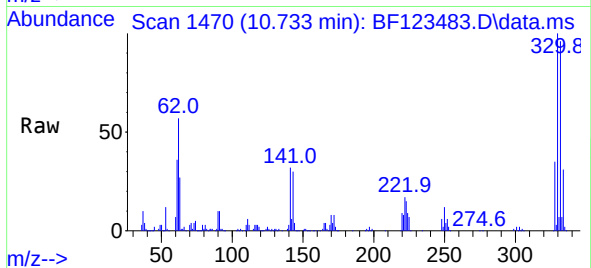




#42  
2,4,6-Tribromophenol  
Concen: 120.28 ng  
RT: 10.733 min Scan# 1470  
Delta R.T. -0.006 min  
Lab File: BF123483.D  
Acq: 26 Mar 2021 13:16

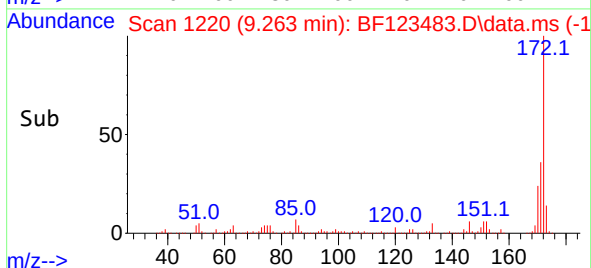
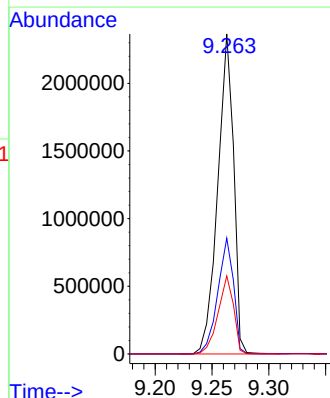
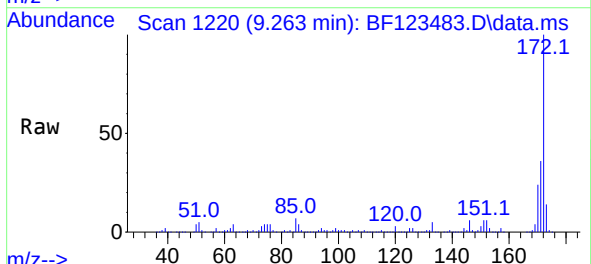
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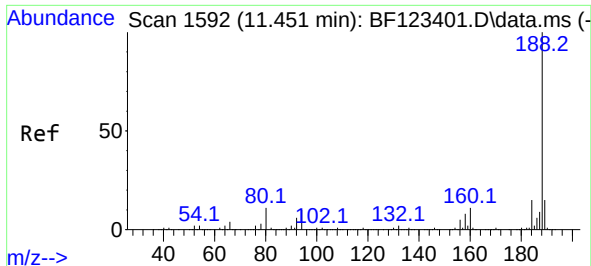
Tgt Ion: 330 Resp: 596823  
Ion Ratio Lower Upper  
330 100  
332 95.7 77.5 116.3  
141 30.5 23.8 35.8



#45  
2-Fluorobiphenyl  
Concen: 74.33 ng  
RT: 9.263 min Scan# 1220  
Delta R.T. 0.000 min  
Lab File: BF123483.D  
Acq: 26 Mar 2021 13:16

Tgt Ion: 172 Resp: 2309151  
Ion Ratio Lower Upper  
172 100  
171 36.2 29.6 44.4  
170 24.4 19.5 29.3

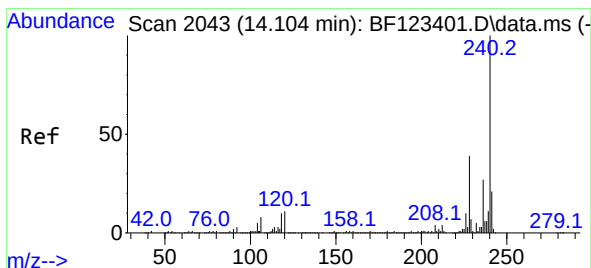
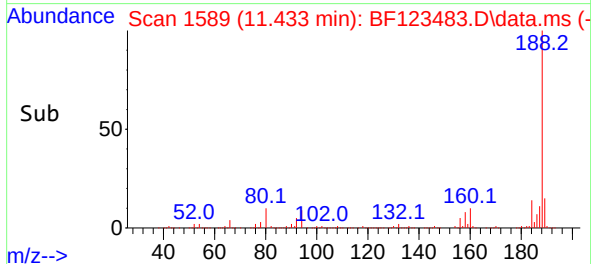
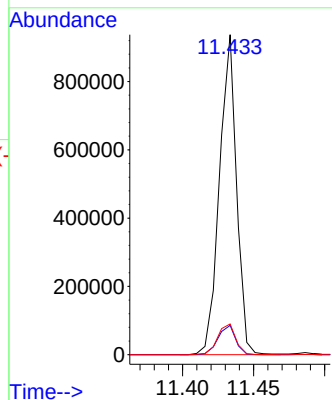
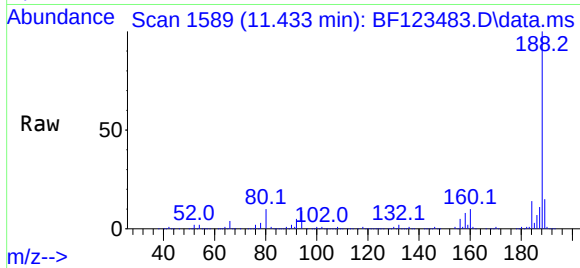




#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.433 min Scan# 1589  
Delta R.T. 0.000 min  
Lab File: BF123483.D  
Acq: 26 Mar 2021 13:16

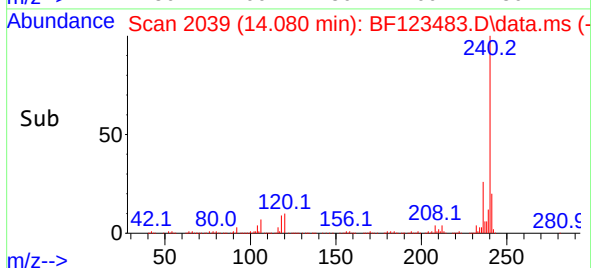
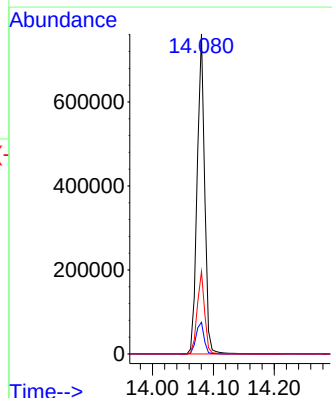
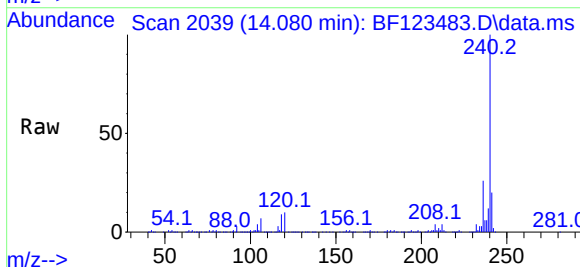
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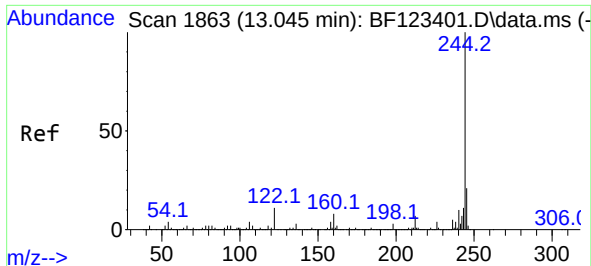
Tgt Ion:188 Resp: 782849  
Ion Ratio Lower Upper  
188 100  
94 9.2 7.4 11.2  
80 9.6 8.2 12.4



#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 14.080 min Scan# 2039  
Delta R.T. -0.006 min  
Lab File: BF123483.D  
Acq: 26 Mar 2021 13:16

Tgt Ion:240 Resp: 653349  
Ion Ratio Lower Upper  
240 100  
120 9.9 8.6 12.8  
236 25.8 20.3 30.5

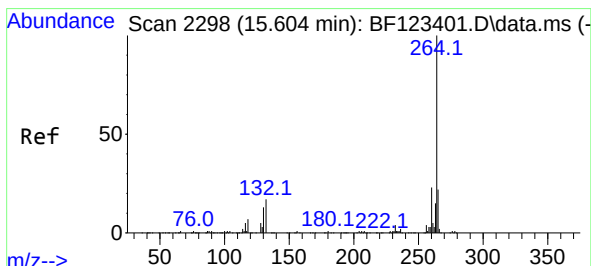
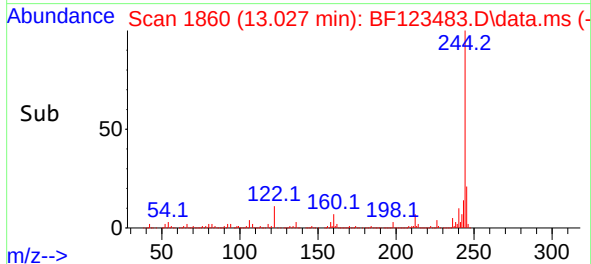
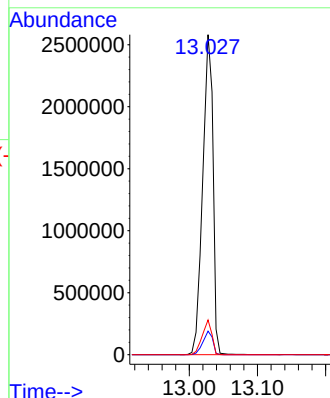
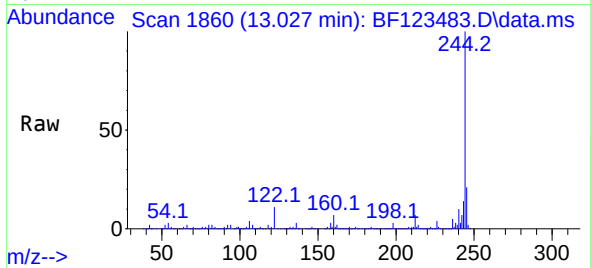




#79  
Terphenyl-d14  
Concen: 70.25 ng  
RT: 13.027 min Scan# 1860  
Delta R.T. 0.000 min  
Lab File: BF123483.D  
Acq: 26 Mar 2021 13:16

Instrument :  
BNA\_F  
ClientSampleId :  
PB135347BL

Tgt Ion:244 Resp: 2708302  
Ion Ratio Lower Upper  
244 100  
212 7.4 5.7 8.5  
122 10.8 8.3 12.5



#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 15.580 min Scan# 2294  
Delta R.T. 0.000 min  
Lab File: BF123483.D  
Acq: 26 Mar 2021 13:16

Tgt Ion:264 Resp: 555988  
Ion Ratio Lower Upper  
264 100  
260 22.7 18.6 28.0  
265 22.1 17.0 25.6

