

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF072021\  
 Data File : BF124644.D  
 Acq On : 21 Jul 2021 00:20  
 Operator : JU/CG  
 Sample : M3040-01  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 FK-PS-01-076

Quant Time: Jul 21 03:14:14 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF070721.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jul 20 13:36:28 2021  
 Response via : Initial Calibration

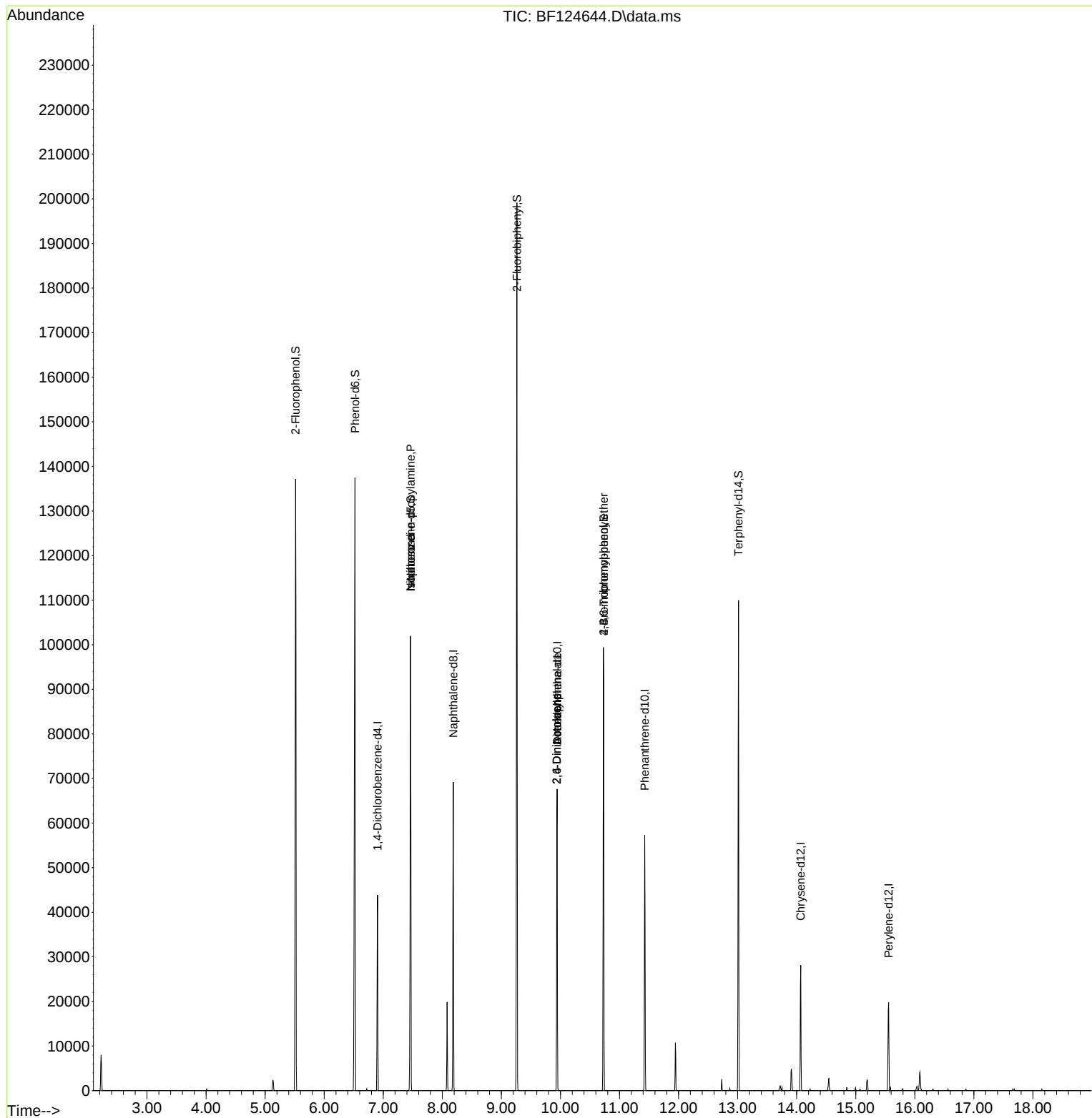
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.904  | 152  | 6891     | 20.00 | ng    | -0.01    |
| 21) Naphthalene-d8            | 8.186  | 136  | 27579    | 20.00 | ng    | -0.02    |
| 39) Acenaphthene-d10          | 9.945  | 164  | 14442    | 20.00 | ng    | -0.01    |
| 64) Phenanthrene-d10          | 11.427 | 188  | 21013    | 20.00 | ng    | -0.02    |
| 76) Chrysene-d12              | 14.068 | 240  | 10740    | 20.00 | ng    | -0.02    |
| 86) Perylene-d12              | 15.557 | 264  | 10611    | 20.00 | ng    | -0.01    |
|                               |        |      |          |       |       |          |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 5) 2-Fluorophenol             | 5.516  | 112  | 38371    | 96.47 | ng    | -0.02    |
| 7) Phenol-d6                  | 6.522  | 99   | 46281    | 95.65 | ng    | -0.02    |
| 23) Nitrobenzene-d5           | 7.463  | 82   | 28569    | 65.39 | ng    | -0.02    |
| 42) 2,4,6-Tribromophenol      | 10.733 | 330  | 10054    | 89.46 | ng    | -0.02    |
| 45) 2-Fluorobiphenyl          | 9.263  | 172  | 54479    | 55.01 | ng    | -0.02    |
| 79) Terphenyl-d14             | 13.016 | 244  | 34090    | 53.30 | ng    | -0.02    |
|                               |        |      |          |       |       |          |
| Target Compounds              |        |      |          |       |       | Qvalue   |
| 19) n-Nitroso-di-n-propyla... | 7.463  | 70   | 3702     | 13.61 | ng    | # 81     |
| 25) Isophorone                | 7.463  | 82   | 28419    | 35.43 | ng    | # 59     |
| 50) Dimethylphthalate         | 9.945  | 163  | 2499     | 2.49  | ng    | # 1      |
| 51) 2,6-Dinitrotoluene        | 9.939  | 165  | 1885     | 9.52  | ng    | # 26     |
| 57) 2,4-Dinitrotoluene        | 9.939  | 165  | 1885     | 6.95  | ng    | # 18     |
| 67) 4-Bromophenyl-phenylether | 10.733 | 248  | 731      | 3.36  | ng    | # 1      |
| -----                         |        |      |          |       |       |          |

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

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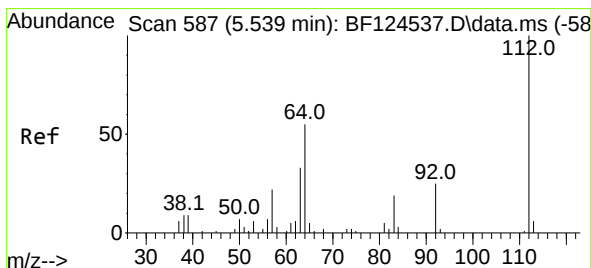
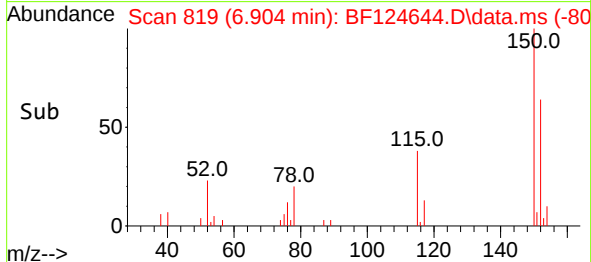
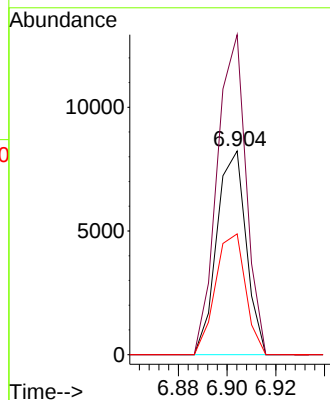
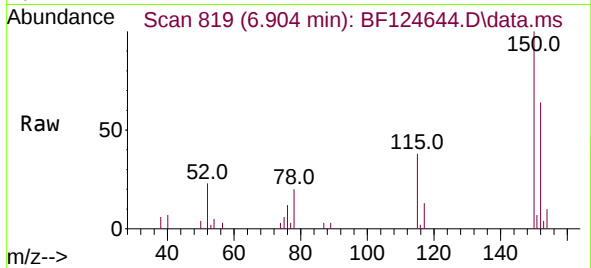




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 6.904 min Scan# 819  
Delta R.T. -0.012 min  
Lab File: BF124644.D  
Acq: 21 Jul 2021 00:20

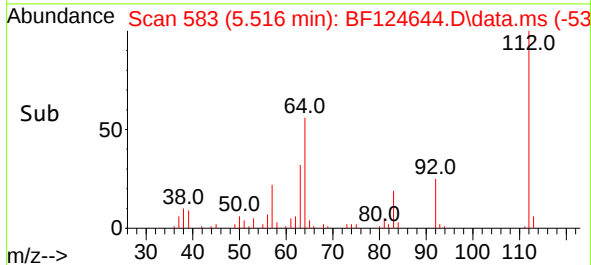
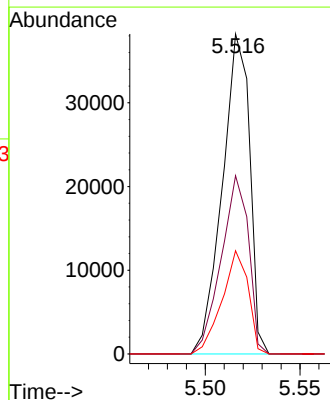
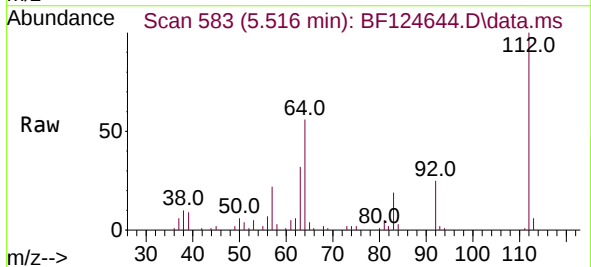
Instrument :  
BNA\_F  
ClientSampleId :  
FK-PS-01-076

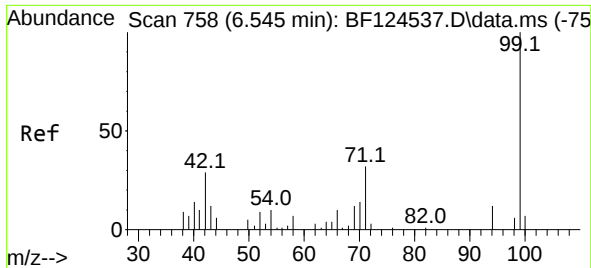
Tgt Ion:152 Resp: 6891  
Ion Ratio Lower Upper  
152 100  
150 157.1 117.6 176.4  
115 59.3 47.1 70.7



#5  
2-Fluorophenol  
Concen: 96.47 ng  
RT: 5.516 min Scan# 583  
Delta R.T. -0.018 min  
Lab File: BF124644.D  
Acq: 21 Jul 2021 00:20

Tgt Ion:112 Resp: 38371  
Ion Ratio Lower Upper  
112 100  
64 55.7 44.2 66.2  
63 32.2 26.2 39.2

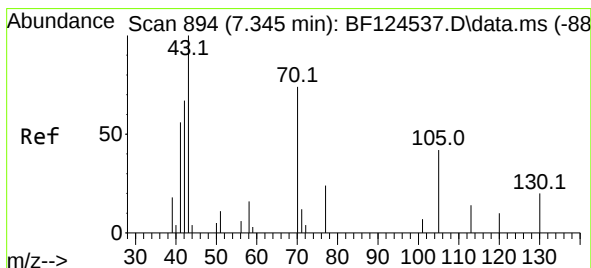
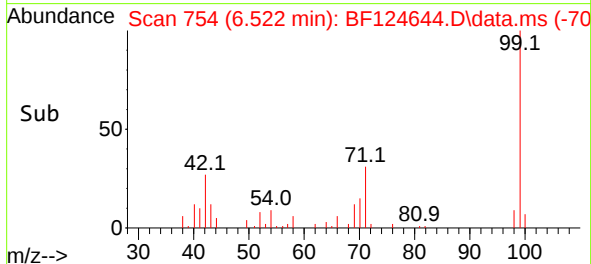
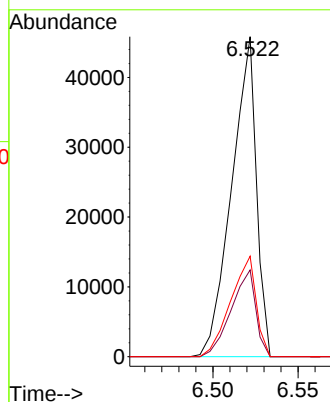
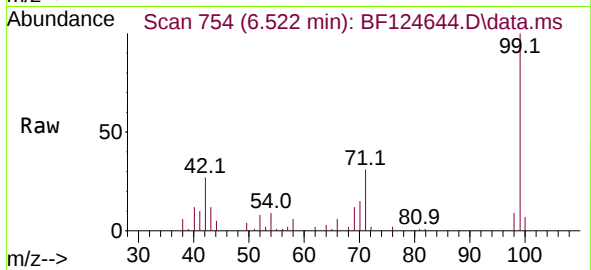




#7  
Phenol-d6  
Concen: 95.65 ng  
RT: 6.522 min Scan# 754  
Delta R.T. -0.023 min  
Lab File: BF124644.D  
Acq: 21 Jul 2021 00:20

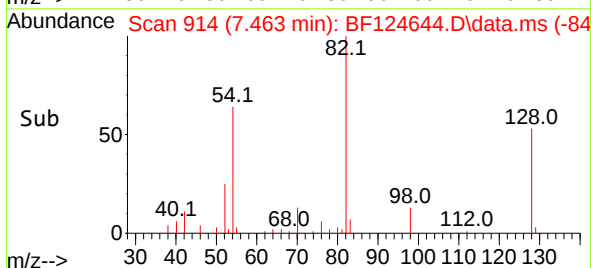
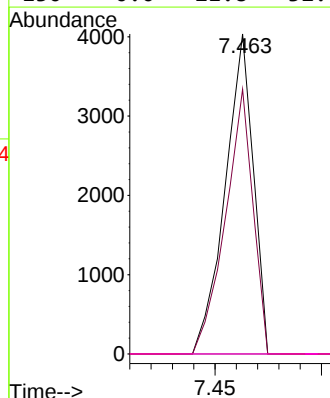
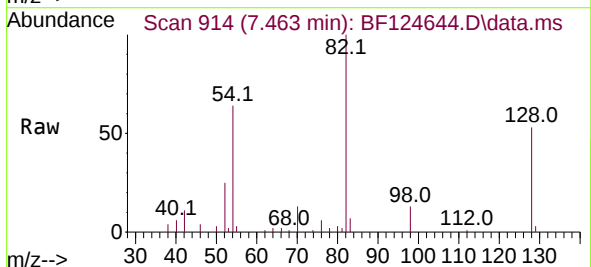
Instrument :  
BNA\_F  
ClientSampleId :  
FK-PS-01-076

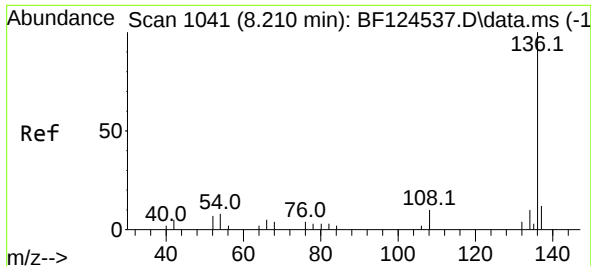
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 99    | Resp: | 46281 |
| Ion      | Ratio | Lower | Upper |
| 99       | 100   |       |       |
| 42       | 27.1  | 23.5  | 35.3  |
| 71       | 31.4  | 25.6  | 38.4  |



#19  
n-Nitroso-di-n-propylamine  
Concen: 13.61 ng  
RT: 7.463 min Scan# 914  
Delta R.T. 0.129 min  
Lab File: BF124644.D  
Acq: 21 Jul 2021 00:20

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 70    | Resp: | 3702  |
| Ion      | Ratio | Lower | Upper |
| 70       | 100   |       |       |
| 42       | 82.7  | 72.2  | 108.2 |
| 101      | 0.0   | 7.8   | 11.8# |
| 130      | 0.0   | 21.8  | 32.6# |



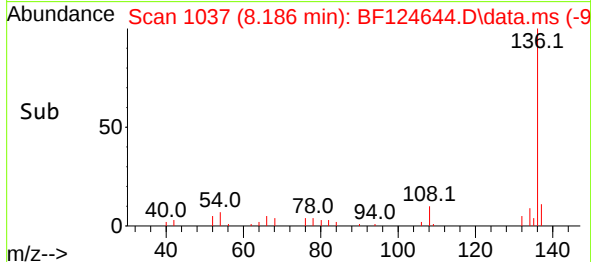
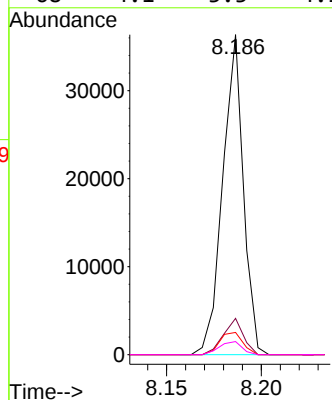
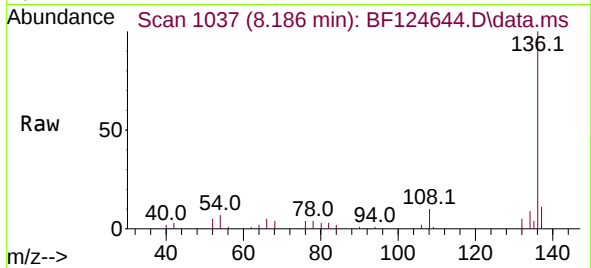


#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 8.186 min Scan# 1037  
Delta R.T. -0.018 min  
Lab File: BF124644.D  
Acq: 21 Jul 2021 00:20

Instrument :  
BNA\_F  
ClientSampleId :  
FK-PS-01-076

Tgt Ion:136 Resp: 27579

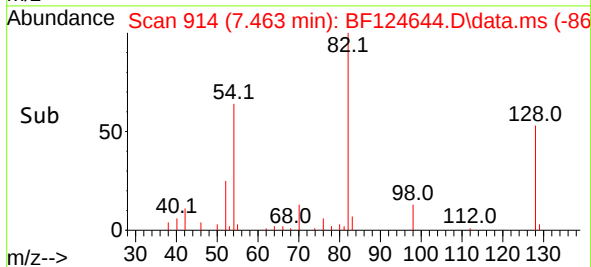
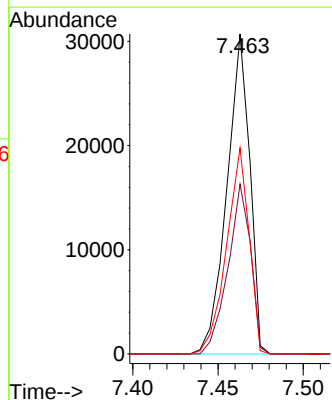
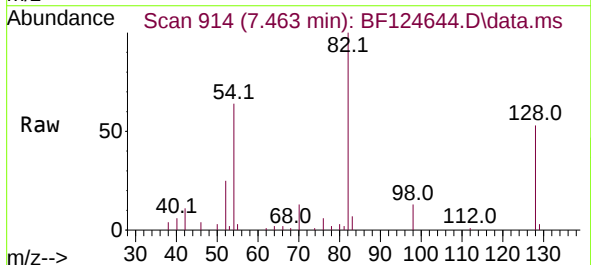
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 11.4  | 9.8   | 14.6  |
| 54  | 6.9   | 6.4   | 9.6   |
| 68  | 4.1   | 3.3   | 4.9   |

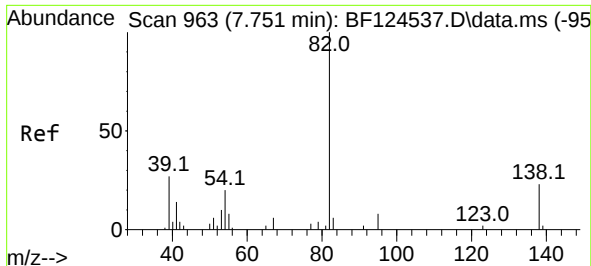


#23  
Nitrobenzene-d5  
Concen: 65.39 ng  
RT: 7.463 min Scan# 914  
Delta R.T. -0.023 min  
Lab File: BF124644.D  
Acq: 21 Jul 2021 00:20

Tgt Ion: 82 Resp: 28569

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 53.1  | 40.6  | 60.8  |
| 54  | 64.4  | 49.6  | 74.4  |

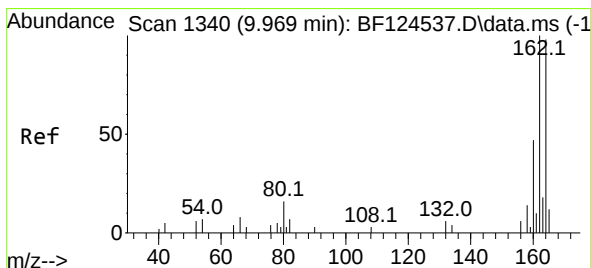
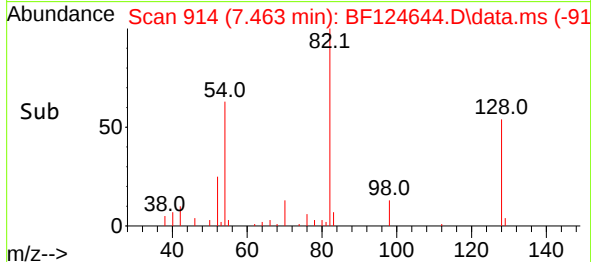
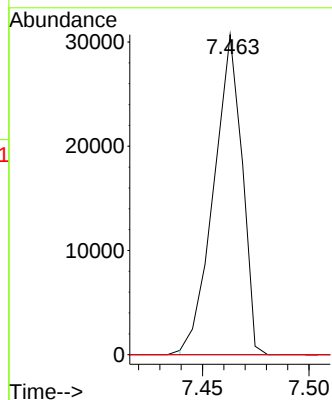
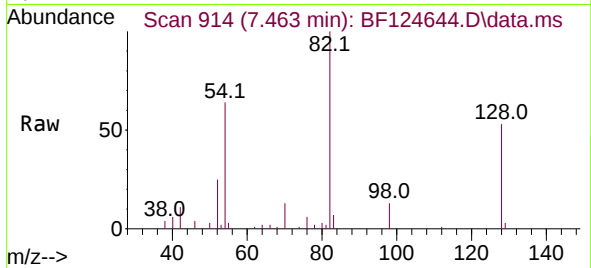




#25  
Isophorone  
Concen: 35.43 ng  
RT: 7.463 min Scan# 914  
Delta R.T. -0.282 min  
Lab File: BF124644.D  
Acq: 21 Jul 2021 00:20

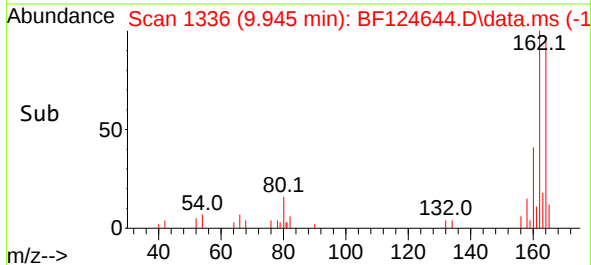
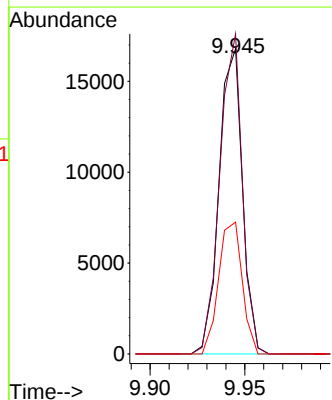
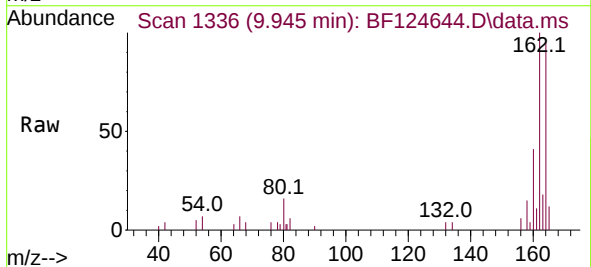
Instrument :  
BNA\_F  
ClientSampleId :  
FK-PS-01-076

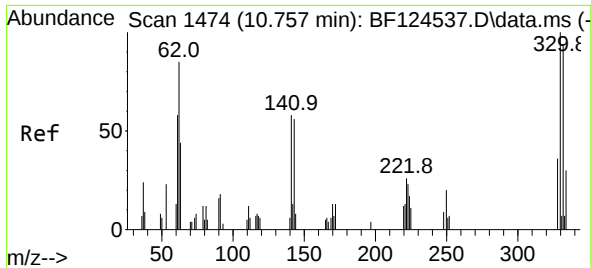
Tgt Ion: 82 Resp: 28419  
Ion Ratio Lower Upper  
82 100  
95 0.0 6.5 9.7#  
138 0.0 18.4 27.6#



#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 9.945 min Scan# 1336  
Delta R.T. -0.012 min  
Lab File: BF124644.D  
Acq: 21 Jul 2021 00:20

Tgt Ion: 164 Resp: 14442  
Ion Ratio Lower Upper  
164 100  
162 104.8 81.3 121.9  
160 43.2 38.0 57.0

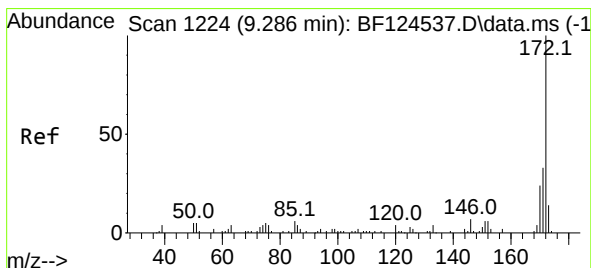
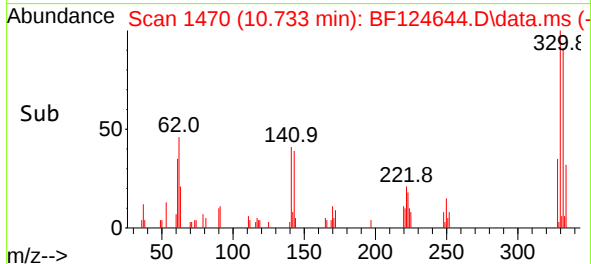
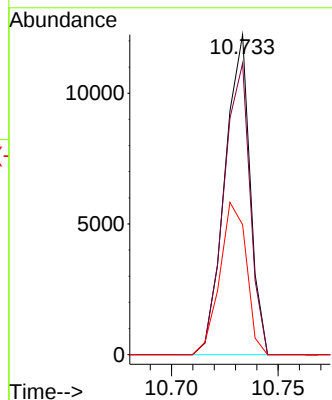
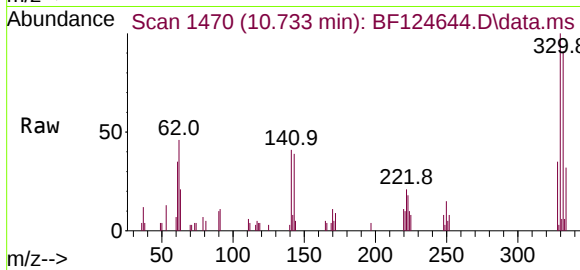




#42  
2,4,6-Tribromophenol  
Concen: 89.46 ng  
RT: 10.733 min Scan# 1470  
Delta R.T. -0.018 min  
Lab File: BF124644.D  
Acq: 21 Jul 2021 00:20

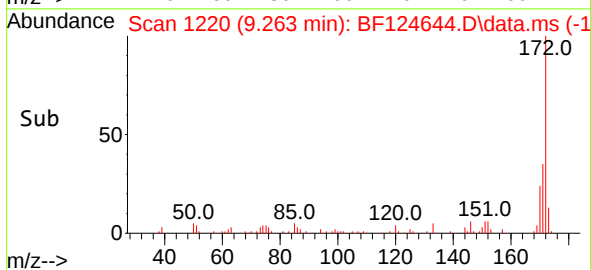
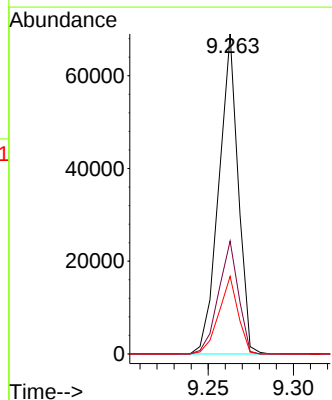
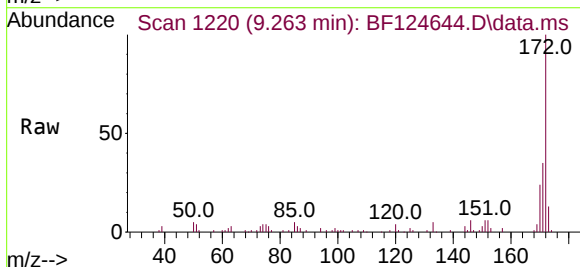
Instrument :  
BNA\_F  
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FK-PS-01-076

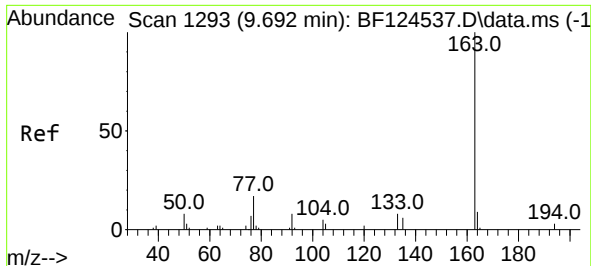
Tgt Ion: 330 Resp: 10054  
Ion Ratio Lower Upper  
330 100  
332 94.5 76.2 114.4  
141 50.3 44.6 66.8



#45  
2-Fluorobiphenyl  
Concen: 55.01 ng  
RT: 9.263 min Scan# 1220  
Delta R.T. -0.018 min  
Lab File: BF124644.D  
Acq: 21 Jul 2021 00:20

Tgt Ion: 172 Resp: 54479  
Ion Ratio Lower Upper  
172 100  
171 35.3 26.5 39.7  
170 24.2 18.8 28.2

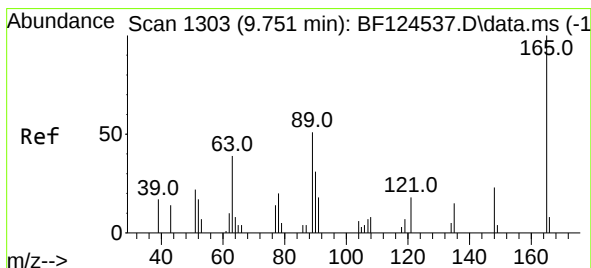
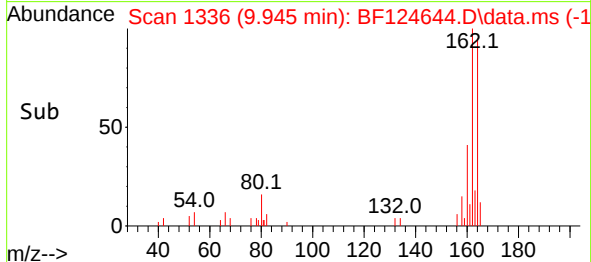
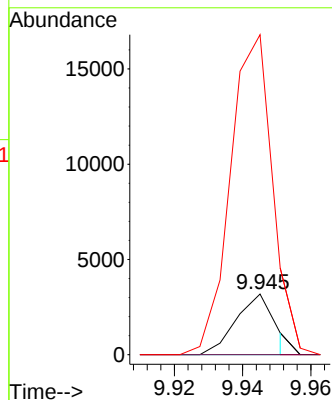
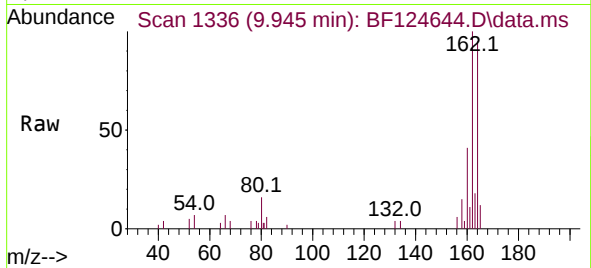




#50  
Dimethylphthalate  
Concen: 2.49 ng  
RT: 9.945 min Scan# 1336  
Delta R.T. 0.259 min  
Lab File: BF124644.D  
Acq: 21 Jul 2021 00:20

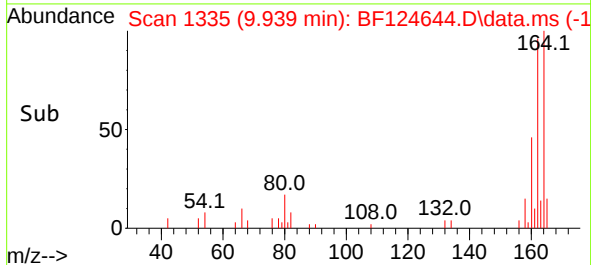
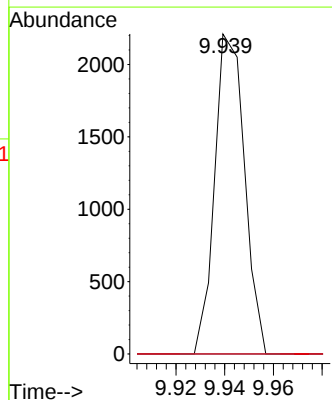
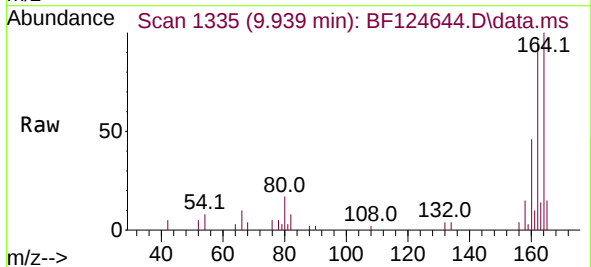
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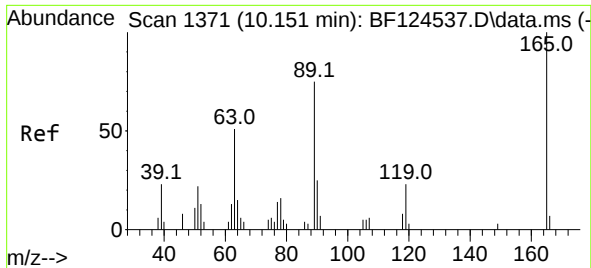
Tgt Ion:163 Resp: 2499  
Ion Ratio Lower Upper  
163 100  
194 0.0 2.6 3.8#  
164 528.1 7.4 11.0#



#51  
2,6-Dinitrotoluene  
Concen: 9.52 ng  
RT: 9.939 min Scan# 1335  
Delta R.T. 0.194 min  
Lab File: BF124644.D  
Acq: 21 Jul 2021 00:20

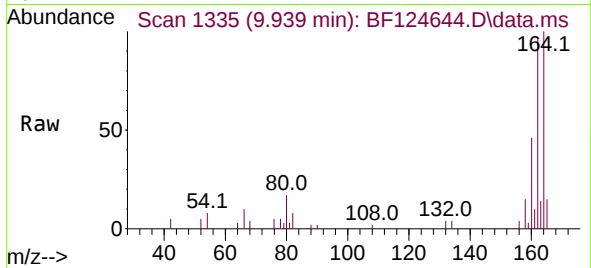
Tgt Ion:165 Resp: 1885  
Ion Ratio Lower Upper  
165 100  
63 0.0 42.6 63.8#  
89 0.0 40.6 60.8#



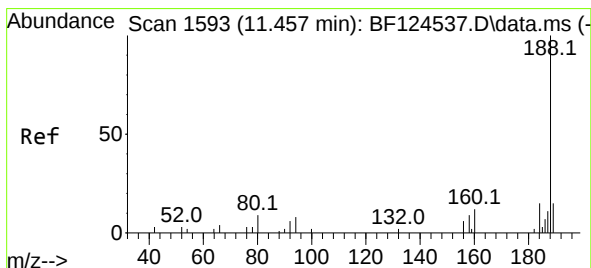
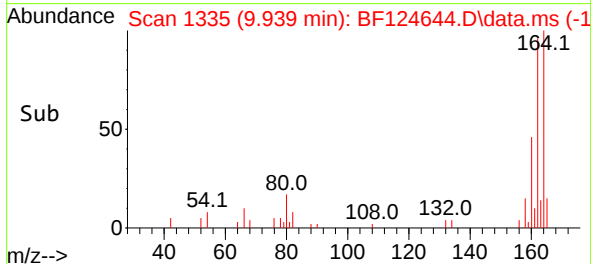
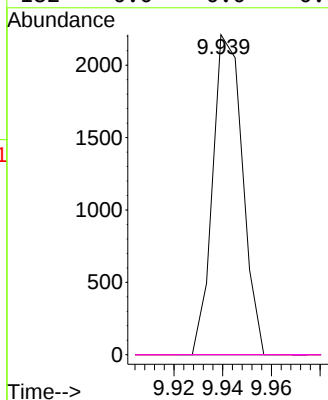


#57  
2,4-Dinitrotoluene  
Concen: 6.95 ng  
RT: 9.939 min Scan# 1335  
Delta R.T. -0.206 min  
Lab File: BF124644.D  
Acq: 21 Jul 2021 00:20

Instrument :  
BNA\_F  
ClientSampleId :  
FK-PS-01-076

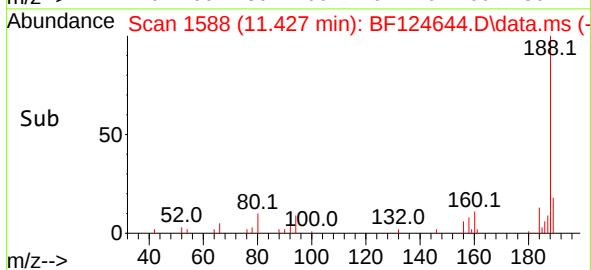
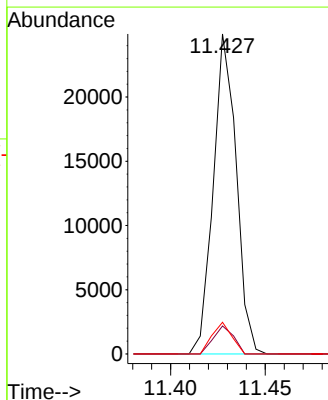
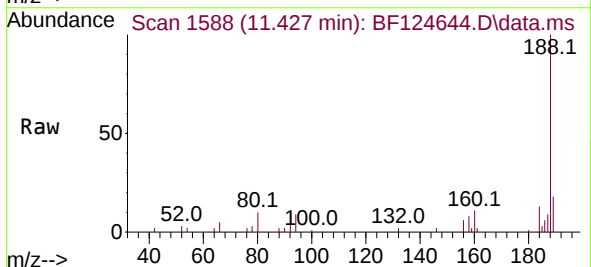


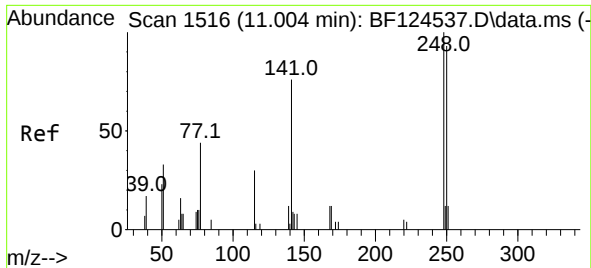
Tgt Ion:165 Resp: 1885  
Ion Ratio Lower Upper  
165 100  
63 0.0 40.9 61.3#  
89 0.0 59.7 89.5#  
182 0.0 0.0 0.0



#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.427 min Scan# 1588  
Delta R.T. -0.018 min  
Lab File: BF124644.D  
Acq: 21 Jul 2021 00:20

Tgt Ion:188 Resp: 21013  
Ion Ratio Lower Upper  
188 100  
94 8.8 6.7 10.1  
80 9.9 7.5 11.3

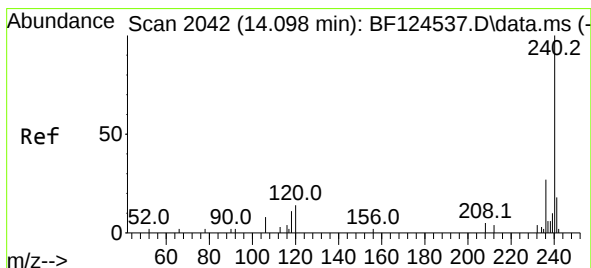
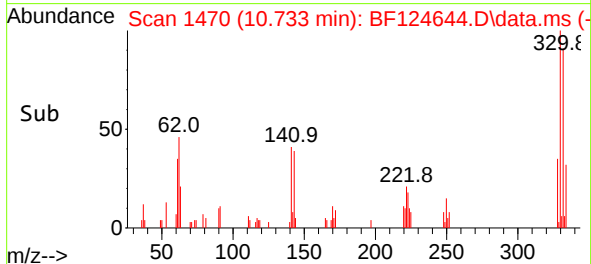
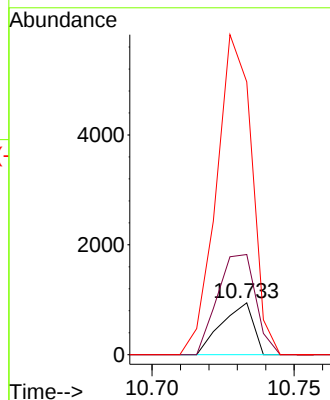
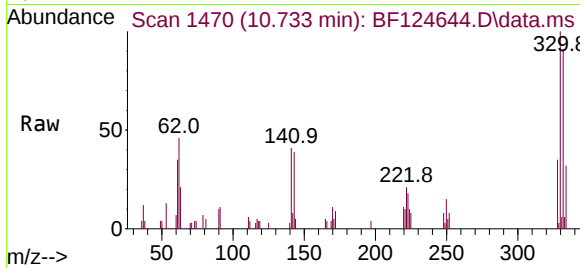




#67  
4-Bromophenyl-phenylether  
Concen: 3.36 ng  
RT: 10.733 min Scan# 1470  
Delta R.T. -0.259 min  
Lab File: BF124644.D  
Acq: 21 Jul 2021 00:20

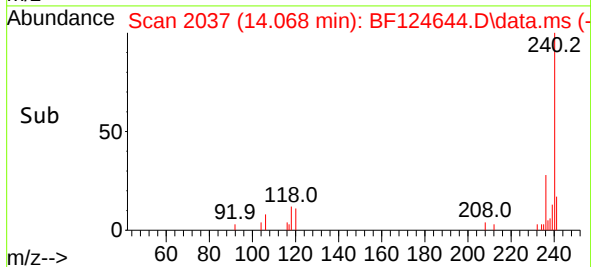
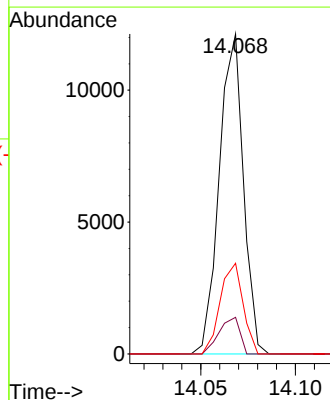
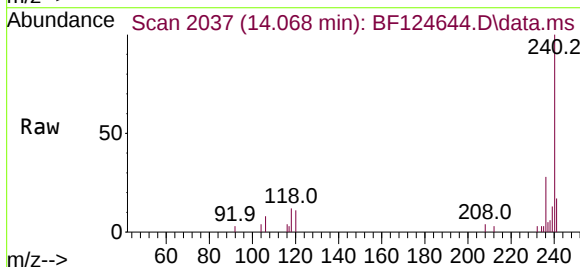
Instrument :  
BNA\_F  
ClientSampleId :  
FK-PS-01-076

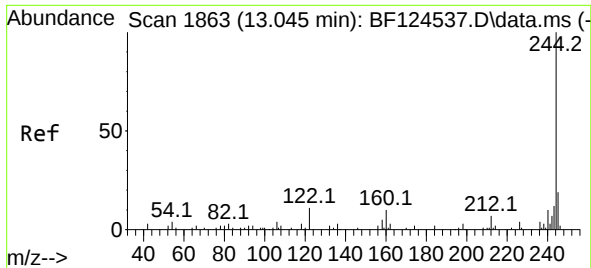
Tgt Ion:248 Resp: 731  
Ion Ratio Lower Upper  
248 100  
250 142.2 74.2 111.4#  
141 387.7 60.4 90.6#



#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 14.068 min Scan# 2037  
Delta R.T. -0.018 min  
Lab File: BF124644.D  
Acq: 21 Jul 2021 00:20

Tgt Ion:240 Resp: 10740  
Ion Ratio Lower Upper  
240 100  
120 11.5 10.8 16.2  
236 28.3 21.6 32.4

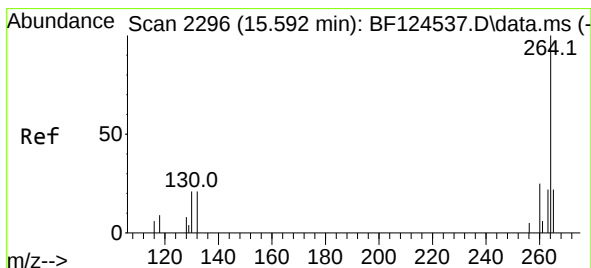
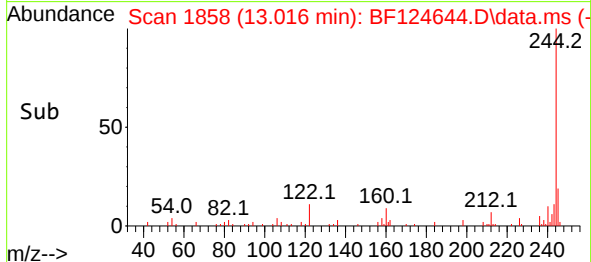
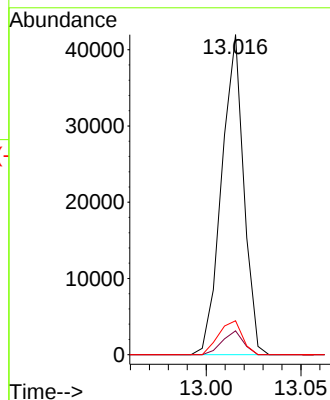
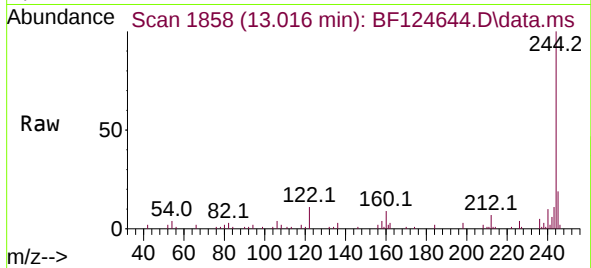




#79  
Terphenyl-d14  
Concen: 53.30 ng  
RT: 13.016 min Scan# 1858  
Delta R.T. -0.018 min  
Lab File: BF124644.D  
Acq: 21 Jul 2021 00:20

Instrument :  
BNA\_F  
ClientSampleId :  
FK-PS-01-076

Tgt Ion:244 Resp: 34090  
Ion Ratio Lower Upper  
244 100  
212 7.5 5.9 8.9  
122 10.6 9.0 13.4



#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 15.557 min Scan# 2290  
Delta R.T. -0.012 min  
Lab File: BF124644.D  
Acq: 21 Jul 2021 00:20

Tgt Ion:264 Resp: 10611  
Ion Ratio Lower Upper  
264 100  
260 25.7 19.6 29.4  
265 20.2 17.2 25.8

