

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF052821\  
 Data File : BF124113.D  
 Acq On : 28 May 2021 18:41  
 Operator : JU/CG  
 Sample : M2539-01  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 FK-PS-01-073

Quant Time: May 29 00:00:35 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF051421.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu May 27 13:12:25 2021  
 Response via : Initial Calibration

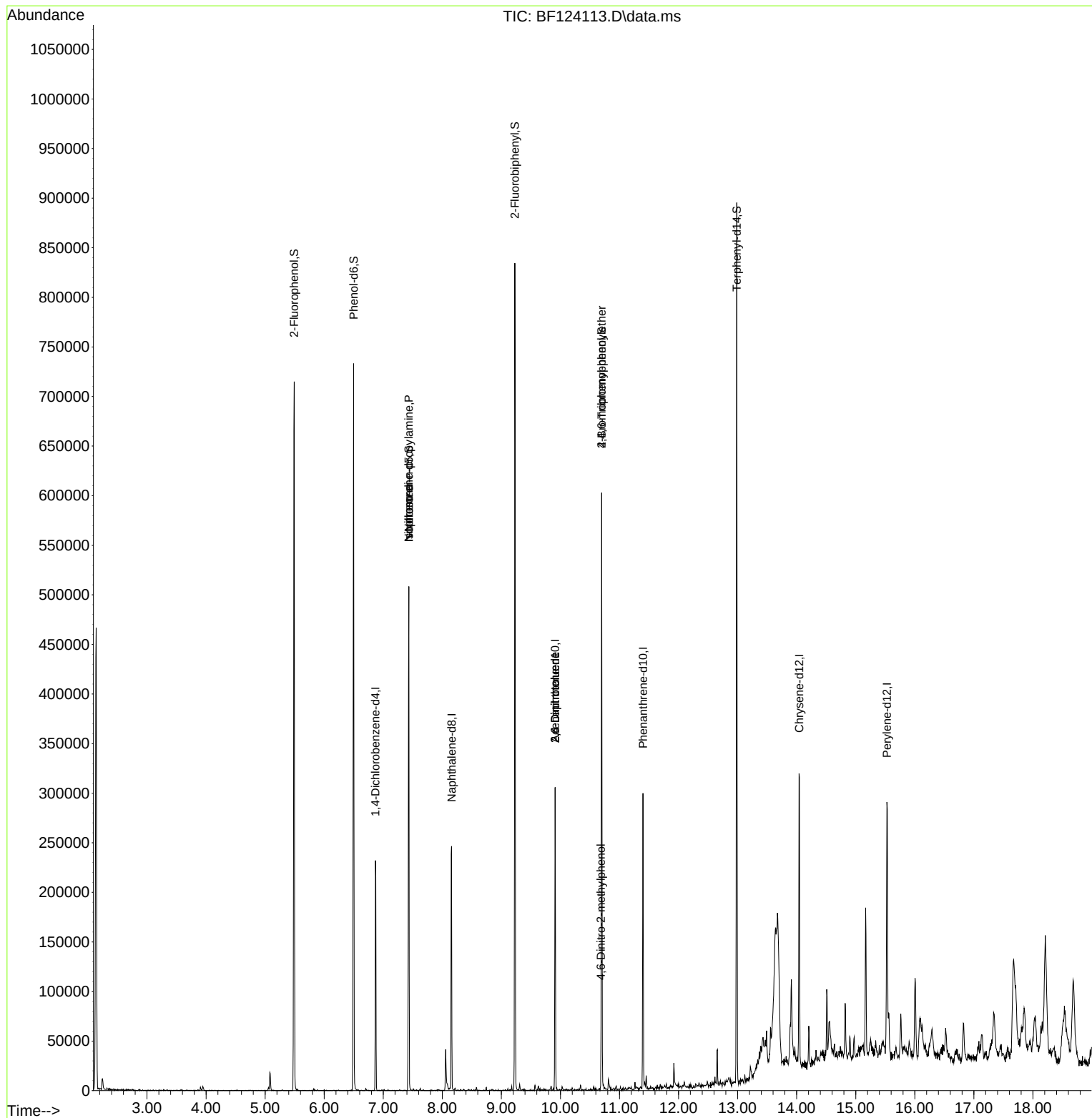
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.869  | 152  | 28986    | 20.00 | ng    | -0.01    |
| 21) Naphthalene-d8            | 8.157  | 136  | 98135    | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.910  | 164  | 49493    | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.398 | 188  | 91587    | 20.00 | ng    | # 0.00   |
| 76) Chrysene-d12              | 14.045 | 240  | 96498    | 20.00 | ng    | 0.00     |
| 86) Perylene-d12              | 15.527 | 264  | 106557   | 20.00 | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 5) 2-Fluorophenol             | 5.492  | 112  | 155964   | 75.55 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.498  | 99   | 181666   | 67.83 | ng    | -0.01    |
| 23) Nitrobenzene-d5           | 7.433  | 82   | 142634   | 62.62 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol      | 10.698 | 330  | 55340    | 93.09 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.227  | 172  | 215087   | 53.48 | ng    | -0.01    |
| 79) Terphenyl-d14             | 12.986 | 244  | 237422   | 37.26 | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| Target Compounds              |        |      |          |       |       | Qvalue   |
| 19) n-Nitroso-di-n-propyla... | 7.433  | 70   | 20072    | 11.09 | ng    | # 64     |
| 25) Isophorone                | 7.433  | 82   | 142632   | 32.55 | ng    | # 69     |
| 51) 2,6-Dinitrotoluene        | 9.910  | 165  | 6760     | 8.46  | ng    | # 10     |
| 57) 2,4-Dinitrotoluene        | 9.910  | 165  | 6760     | 6.90  | ng    | # 15     |
| 65) 4,6-Dinitro-2-methylph... | 10.686 | 198  | 107      | 5.60  | ng    | # 12     |
| 67) 4-Bromophenyl-phenylether | 10.698 | 248  | 4352     | 3.62  | ng    | # 1      |
| -----                         |        |      |          |       |       |          |

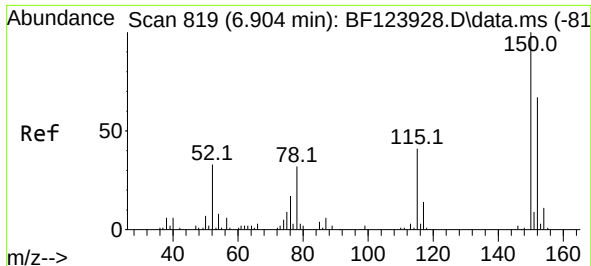
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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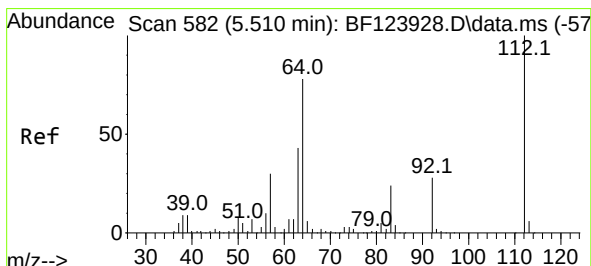
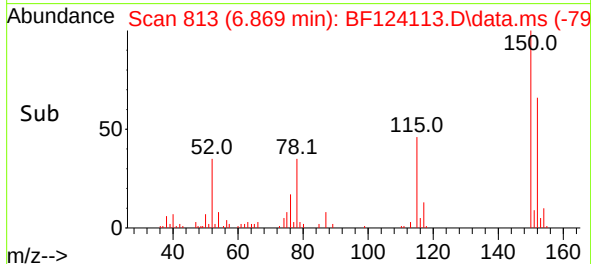
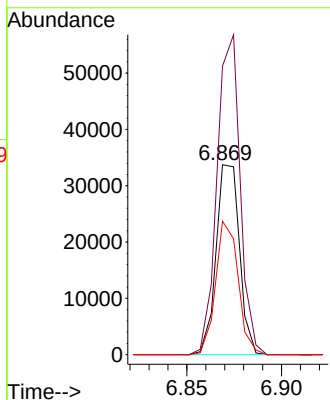
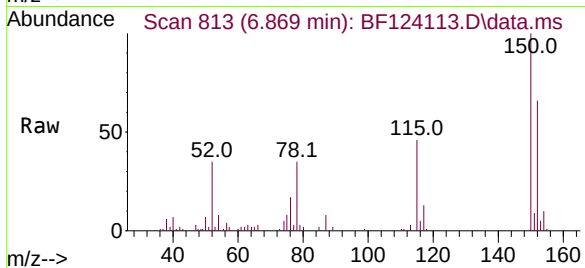




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 6.869 min Scan# 813  
Delta R.T. -0.012 min  
Lab File: BF124113.D  
Acq: 28 May 2021 18:41

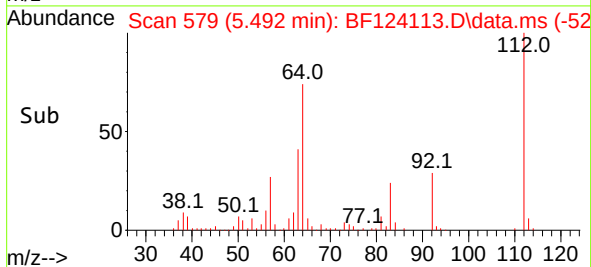
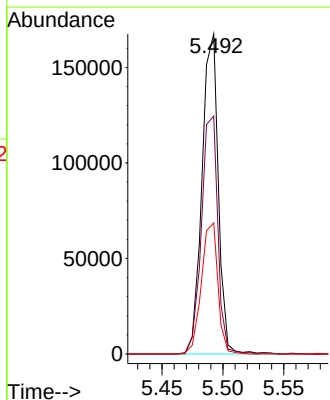
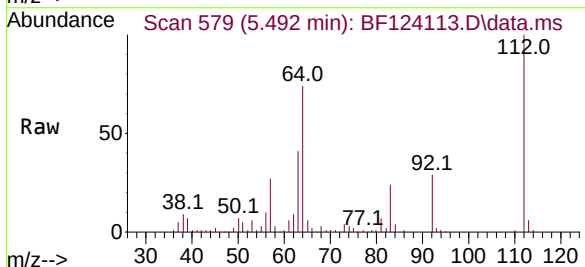
Instrument :  
BNA\_F  
ClientSampleId :  
FK-PS-01-073

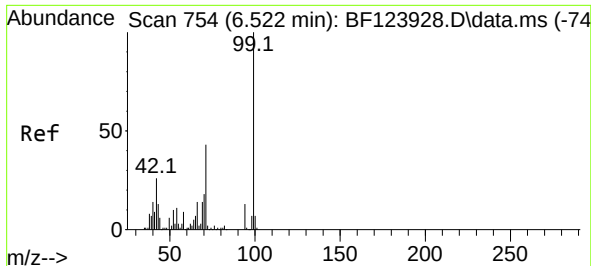
Tgt Ion:152 Resp: 28986  
Ion Ratio Lower Upper  
152 100  
150 152.0 127.0 190.6  
115 70.3 54.3 81.5



#5  
2-Fluorophenol  
Concen: 75.55 ng  
RT: 5.492 min Scan# 579  
Delta R.T. -0.000 min  
Lab File: BF124113.D  
Acq: 28 May 2021 18:41

Tgt Ion:112 Resp: 155964  
Ion Ratio Lower Upper  
112 100  
64 74.4 61.4 92.0  
63 41.0 33.0 49.4

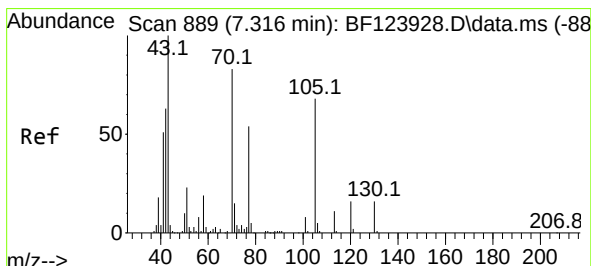
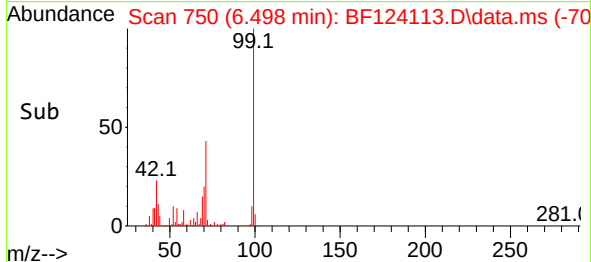
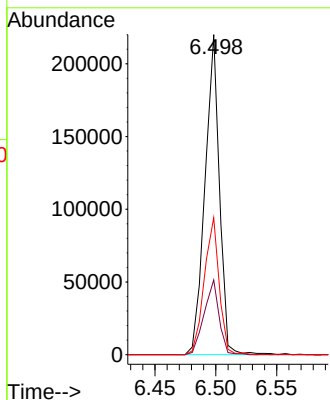
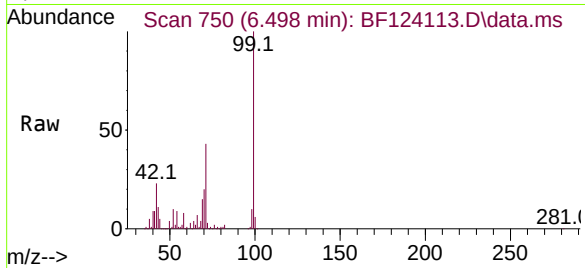




#7  
Phenol-d6  
Concen: 67.83 ng  
RT: 6.498 min Scan# 750  
Delta R.T. -0.012 min  
Lab File: BF124113.D  
Acq: 28 May 2021 18:41

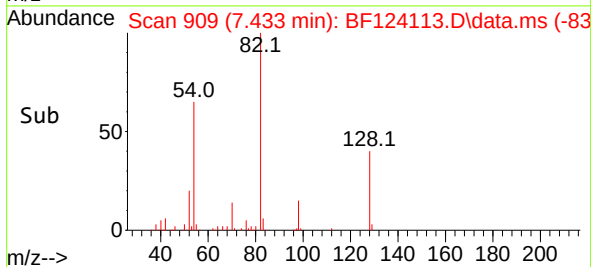
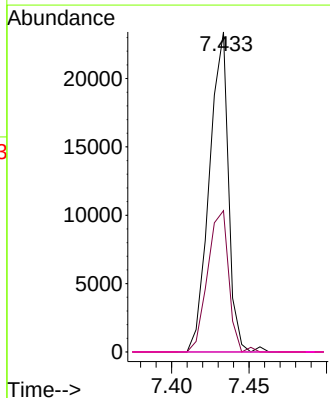
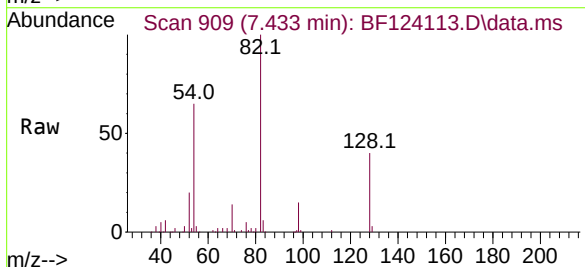
Instrument :  
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ClientSampleId :  
FK-PS-01-073

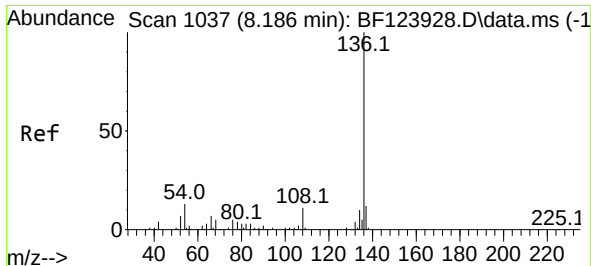
Tgt Ion: 99 Resp: 181666  
Ion Ratio Lower Upper  
99 100  
42 23.4 19.8 29.8  
71 42.8 31.1 46.7



#19  
n-Nitroso-di-n-propylamine  
Concen: 11.09 ng  
RT: 7.433 min Scan# 909  
Delta R.T. 0.141 min  
Lab File: BF124113.D  
Acq: 28 May 2021 18:41

Tgt Ion: 70 Resp: 20072  
Ion Ratio Lower Upper  
70 100  
42 44.1 60.1 90.1#  
101 0.0 7.4 11.2#  
130 0.0 14.2 21.2#

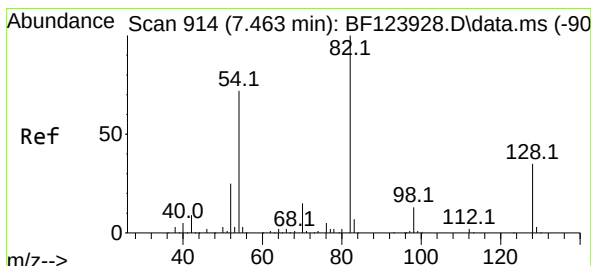
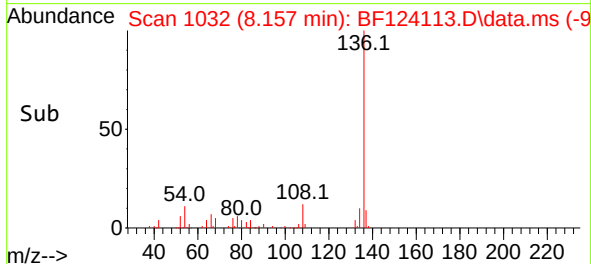
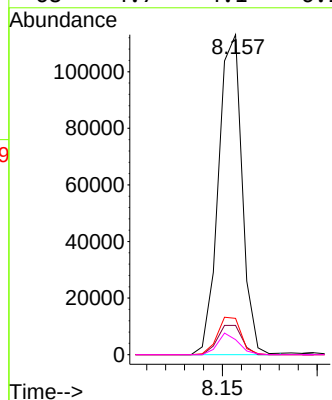
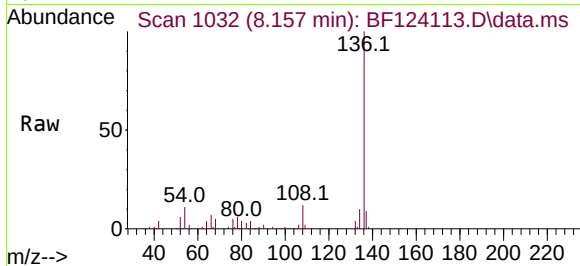




#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 8.157 min Scan# 1032  
Delta R.T. -0.006 min  
Lab File: BF124113.D  
Acq: 28 May 2021 18:41

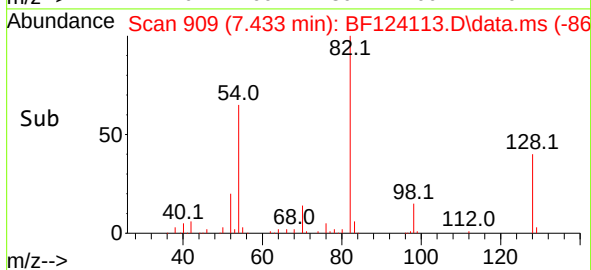
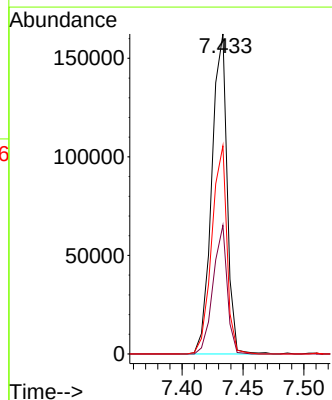
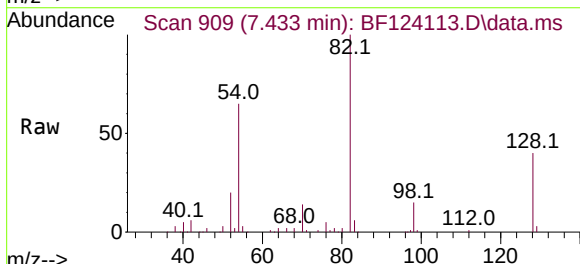
Instrument :  
BNA\_F  
ClientSampleId :  
FK-PS-01-073

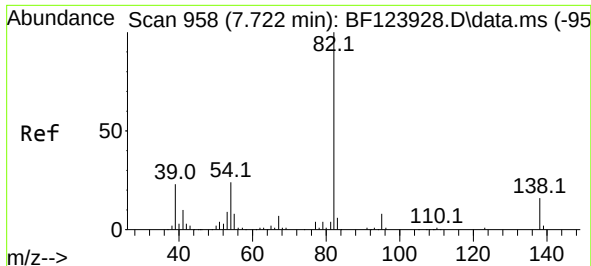
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 136   | Resp: | 98135 |
| Ion Ratio | Lower | Upper |       |
| 136       | 100   |       |       |
| 137       | 9.1   | 8.7   | 13.1  |
| 54        | 11.3  | 9.8   | 14.6  |
| 68        | 4.7   | 4.1   | 6.1   |



#23  
Nitrobenzene-d5  
Concen: 62.62 ng  
RT: 7.433 min Scan# 909  
Delta R.T. -0.012 min  
Lab File: BF124113.D  
Acq: 28 May 2021 18:41

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 82    | Resp: | 142634 |
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 128       | 40.2  | 29.4  | 44.2   |
| 54        | 65.1  | 54.1  | 81.1   |

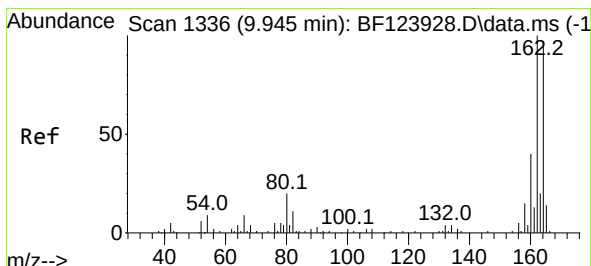
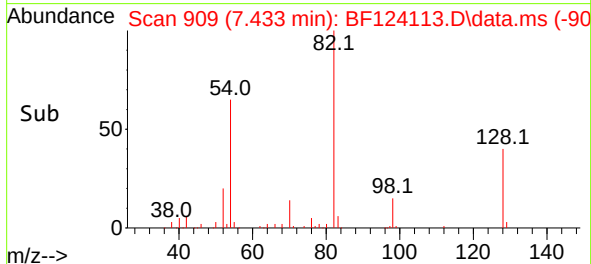
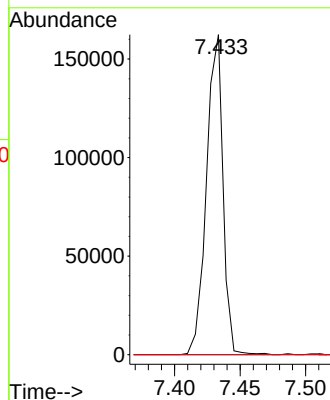
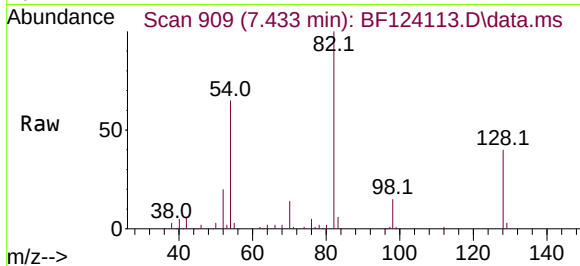




#25  
Isophorone  
Concen: 32.55 ng  
RT: 7.433 min Scan# 909  
Delta R.T. -0.265 min  
Lab File: BF124113.D  
Acq: 28 May 2021 18:41

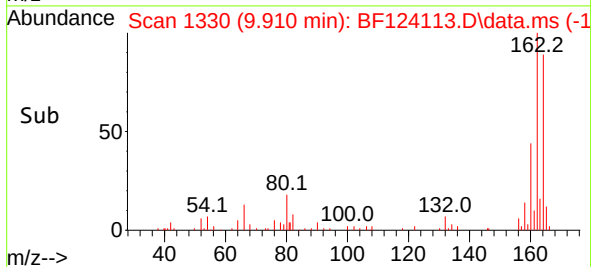
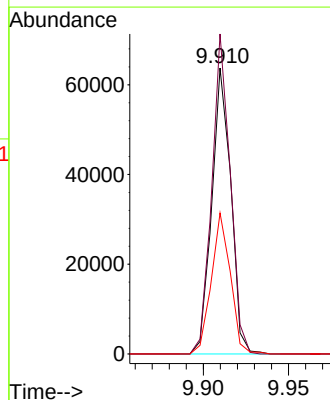
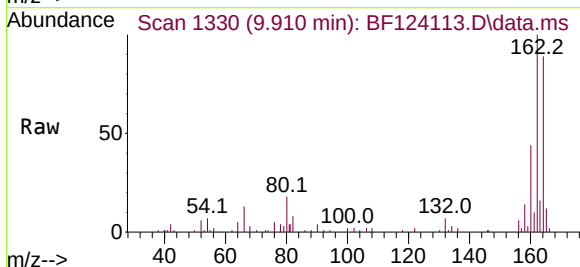
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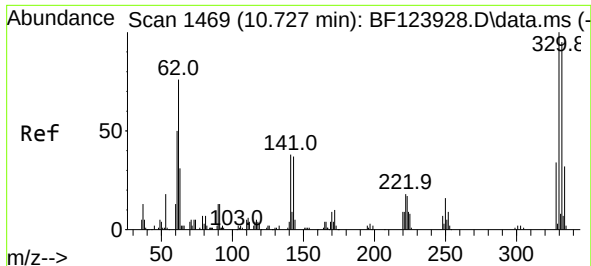
Tgt Ion: 82 Resp: 142632  
Ion Ratio Lower Upper  
82 100  
95 0.0 5.8 8.6#  
138 0.0 11.8 17.8#



#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 9.910 min Scan# 1330  
Delta R.T. -0.006 min  
Lab File: BF124113.D  
Acq: 28 May 2021 18:41

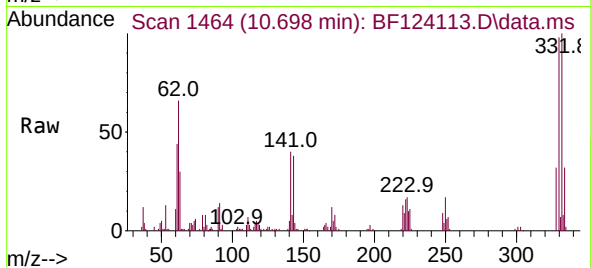
Tgt Ion: 164 Resp: 49493  
Ion Ratio Lower Upper  
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162 111.9 80.7 121.1  
160 49.3 37.3 55.9



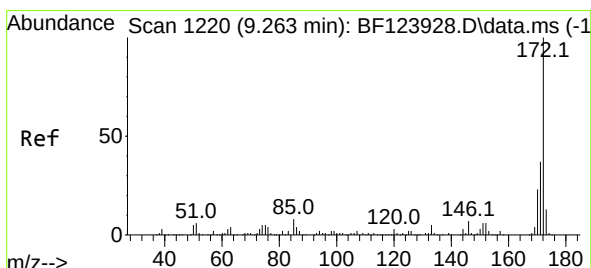
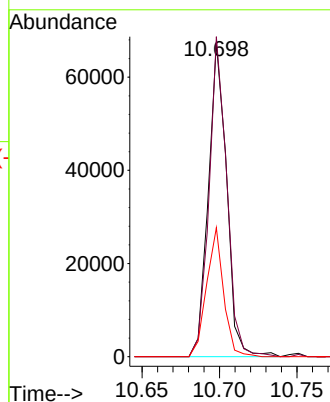
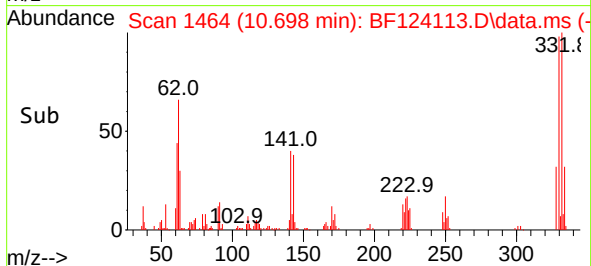


#42  
2,4,6-Tribromophenol  
Concen: 93.09 ng  
RT: 10.698 min Scan# 1464  
Delta R.T. -0.006 min  
Lab File: BF124113.D  
Acq: 28 May 2021 18:41

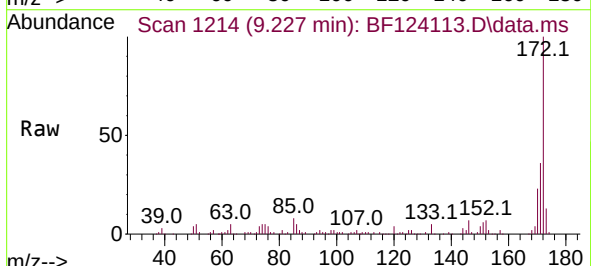
Instrument :  
BNA\_F  
ClientSampleId :  
FK-PS-01-073



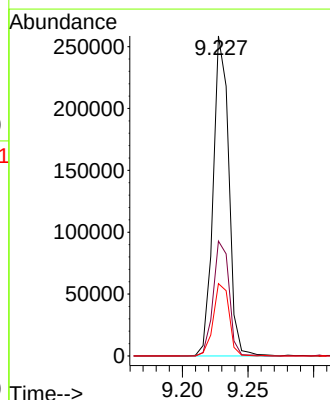
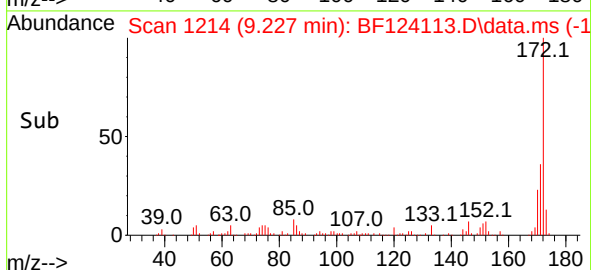
Tgt Ion: 330 Resp: 55340  
Ion Ratio Lower Upper  
330 100  
332 98.8 77.1 115.7  
141 38.2 27.9 41.9

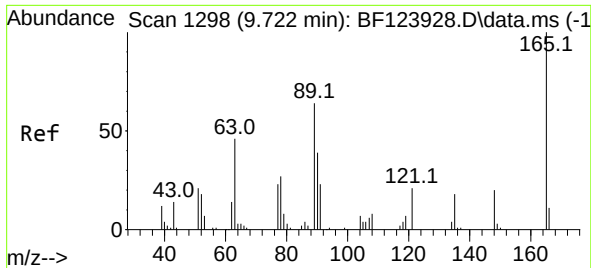


#45  
2-Fluorobiphenyl  
Concen: 53.48 ng  
RT: 9.227 min Scan# 1214  
Delta R.T. -0.012 min  
Lab File: BF124113.D  
Acq: 28 May 2021 18:41



Tgt Ion: 172 Resp: 215087  
Ion Ratio Lower Upper  
172 100  
171 35.9 28.1 42.1  
170 22.6 19.2 28.8

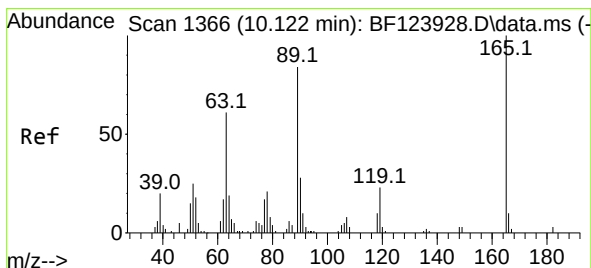
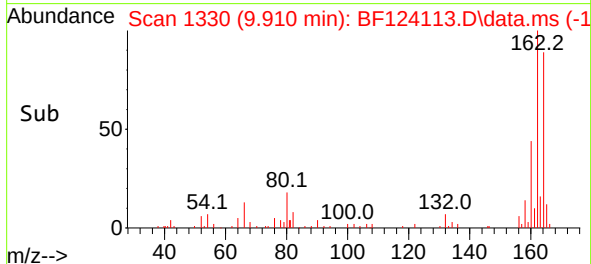
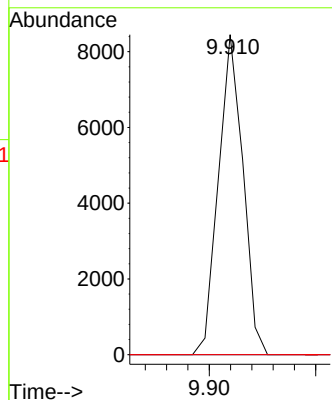
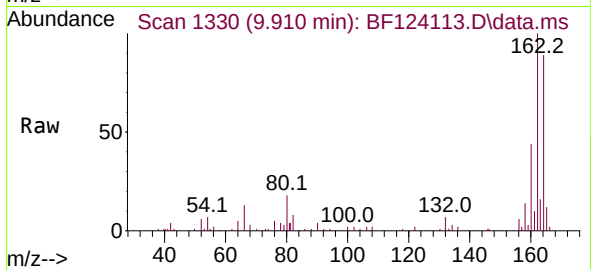




#51  
2,6-Dinitrotoluene  
Concen: 8.46 ng  
RT: 9.910 min Scan# 1330  
Delta R.T. 0.212 min  
Lab File: BF124113.D  
Acq: 28 May 2021 18:41

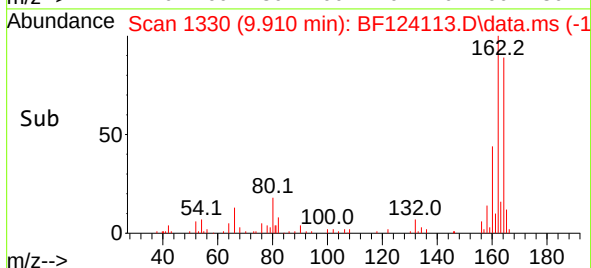
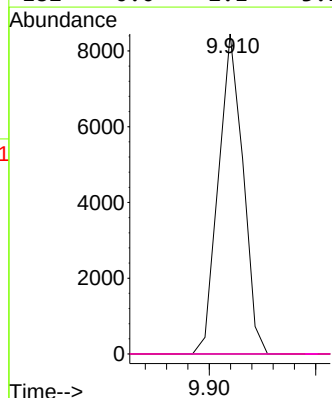
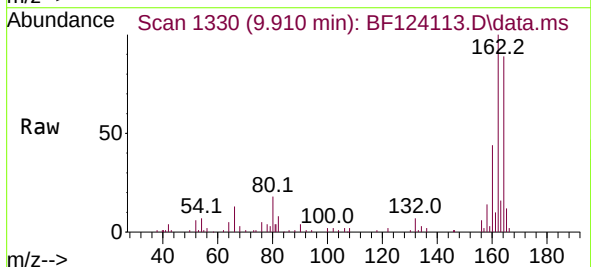
Instrument :  
BNA\_F  
ClientSampleId :  
FK-PS-01-073

Tgt Ion:165 Resp: 6760  
Ion Ratio Lower Upper  
165 100  
63 0.0 67.7 101.5#  
89 0.0 58.8 88.2#

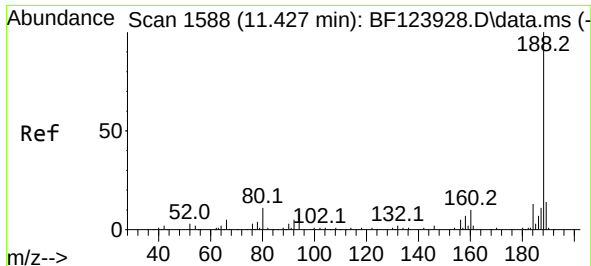


#57  
2,4-Dinitrotoluene  
Concen: 6.90 ng  
RT: 9.910 min Scan# 1330  
Delta R.T. -0.194 min  
Lab File: BF124113.D  
Acq: 28 May 2021 18:41

Tgt Ion:165 Resp: 6760  
Ion Ratio Lower Upper  
165 100  
63 0.0 43.5 65.3#  
89 0.0 67.7 101.5#  
182 0.0 2.1 3.1#



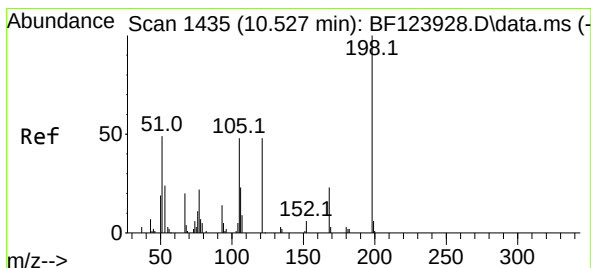
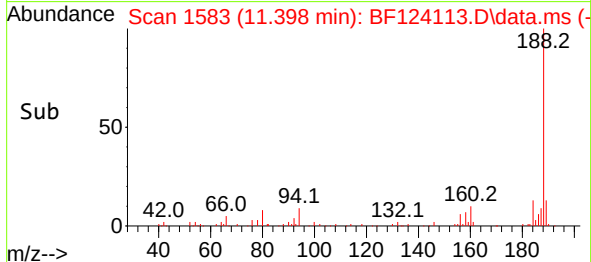
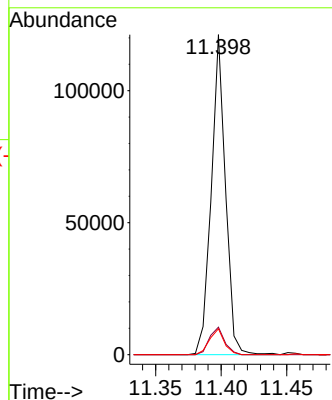
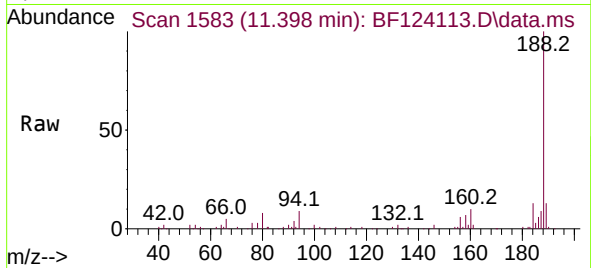




#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.398 min Scan# 1583  
Delta R.T. -0.006 min  
Lab File: BF124113.D  
Acq: 28 May 2021 18:41

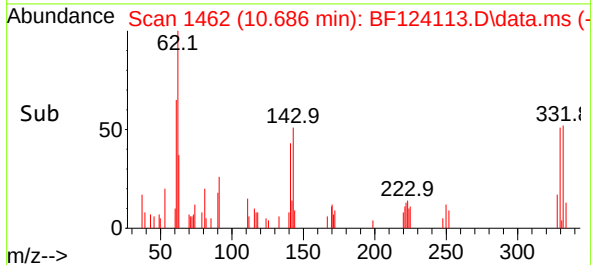
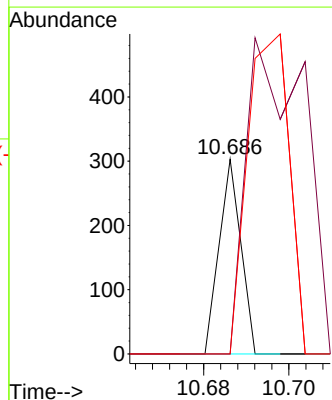
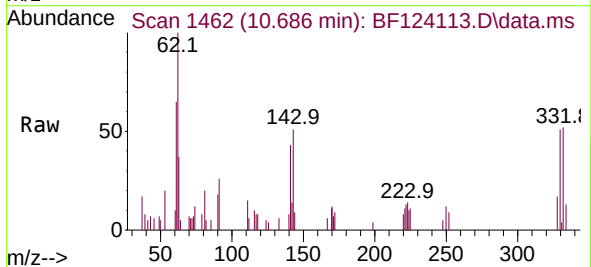
Instrument :  
BNA\_F  
ClientSampleId :  
FK-PS-01-073

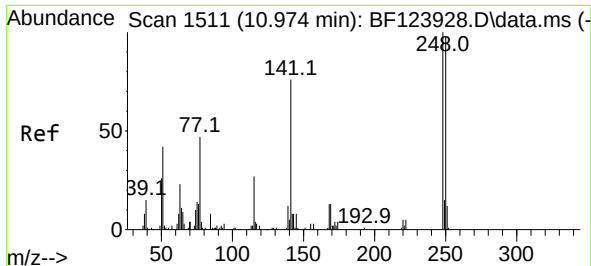
Tgt Ion:188 Resp: 91587  
Ion Ratio Lower Upper  
188 100  
94 8.6 6.9 10.3  
80 8.1 8.2 12.2#



#65  
4,6-Dinitro-2-methylphenol  
Concen: 5.60 ng  
RT: 10.686 min Scan# 1462  
Delta R.T. 0.176 min  
Lab File: BF124113.D  
Acq: 28 May 2021 18:41

Tgt Ion:198 Resp: 107  
Ion Ratio Lower Upper  
198 100  
51 0.0 64.8 104.8#  
105 0.0 42.6 82.6#

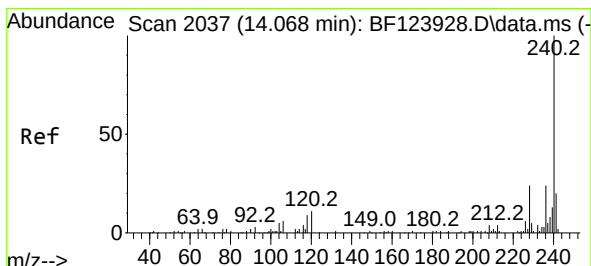
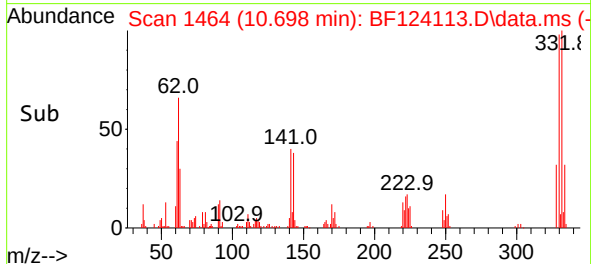
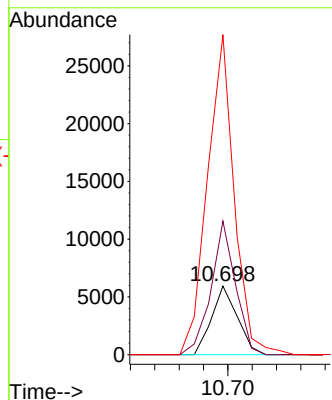
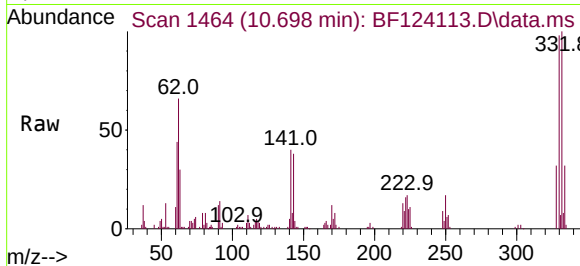




#67  
4-Bromophenyl-phenylether  
Concen: 3.62 ng  
RT: 10.698 min Scan# 1464  
Delta R.T. -0.247 min  
Lab File: BF124113.D  
Acq: 28 May 2021 18:41

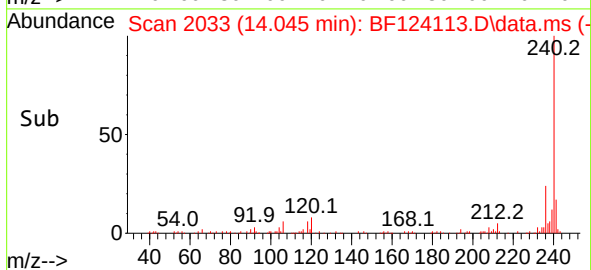
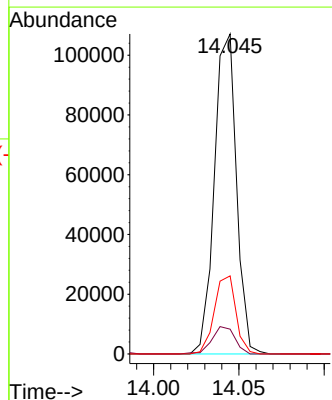
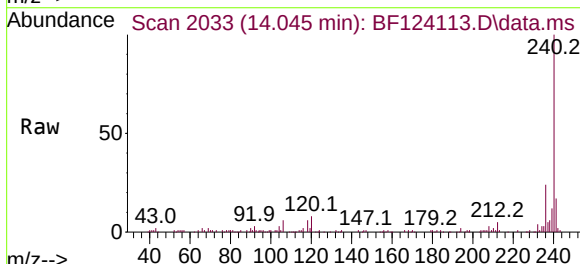
Instrument :  
BNA\_F  
ClientSampleId :  
FK-PS-01-073

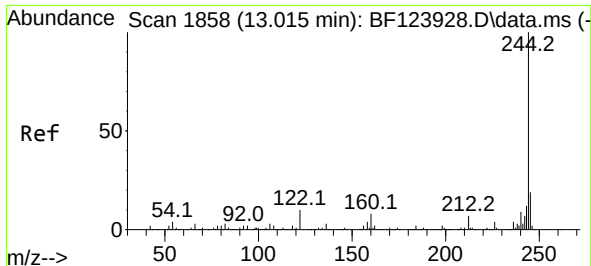
Tgt Ion:248 Resp: 4352  
Ion Ratio Lower Upper  
248 100  
250 194.8 77.4 116.2#  
141 466.6 63.7 95.5#



#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 14.045 min Scan# 2033  
Delta R.T. -0.000 min  
Lab File: BF124113.D  
Acq: 28 May 2021 18:41

Tgt Ion:240 Resp: 96498  
Ion Ratio Lower Upper  
240 100  
120 7.8 7.2 10.8  
236 24.4 19.0 28.4

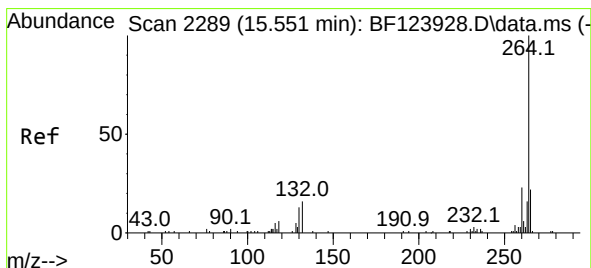
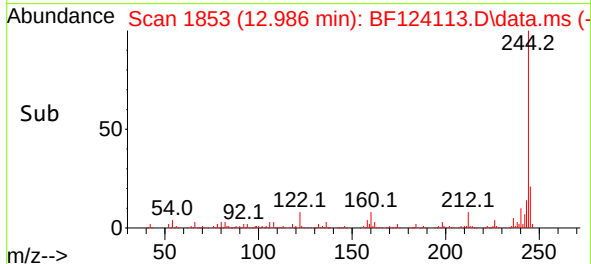
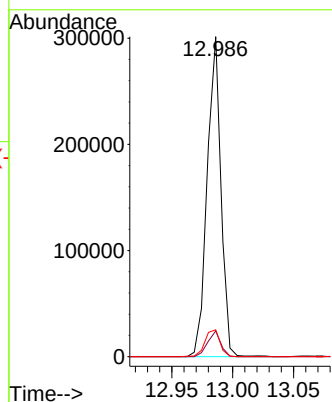
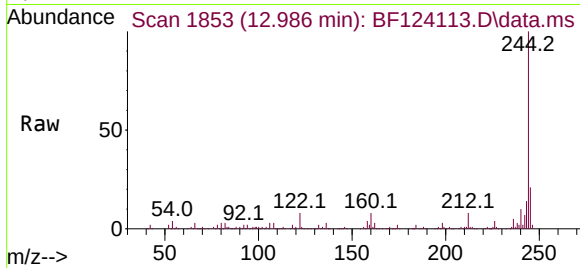




#79  
Terphenyl-d14  
Concen: 37.26 ng  
RT: 12.986 min Scan# 1853  
Delta R.T. -0.000 min  
Lab File: BF124113.D  
Acq: 28 May 2021 18:41

Instrument :  
BNA\_F  
ClientSampleId :  
FK-PS-01-073

Tgt Ion:244 Resp: 237422  
Ion Ratio Lower Upper  
244 100  
212 8.0 5.7 8.5  
122 8.4 9.7 14.5#



#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 15.527 min Scan# 2285  
Delta R.T. -0.000 min  
Lab File: BF124113.D  
Acq: 28 May 2021 18:41

Tgt Ion:264 Resp: 106557  
Ion Ratio Lower Upper  
264 100  
260 22.0 18.7 28.1  
265 20.9 17.8 26.8

