

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN120921\  
 Data File : BN017867.D  
 Acq On : 10 Dec 2021 12:31  
 Operator : CG/JU  
 Sample : M4923-03  
 Misc :  
 ALS Vial : 33 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 RE115D2-20211130

Quant Time: Dec 11 00:35:38 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN120721.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Dec 08 01:18:09 2021  
 Response via : Initial Calibration

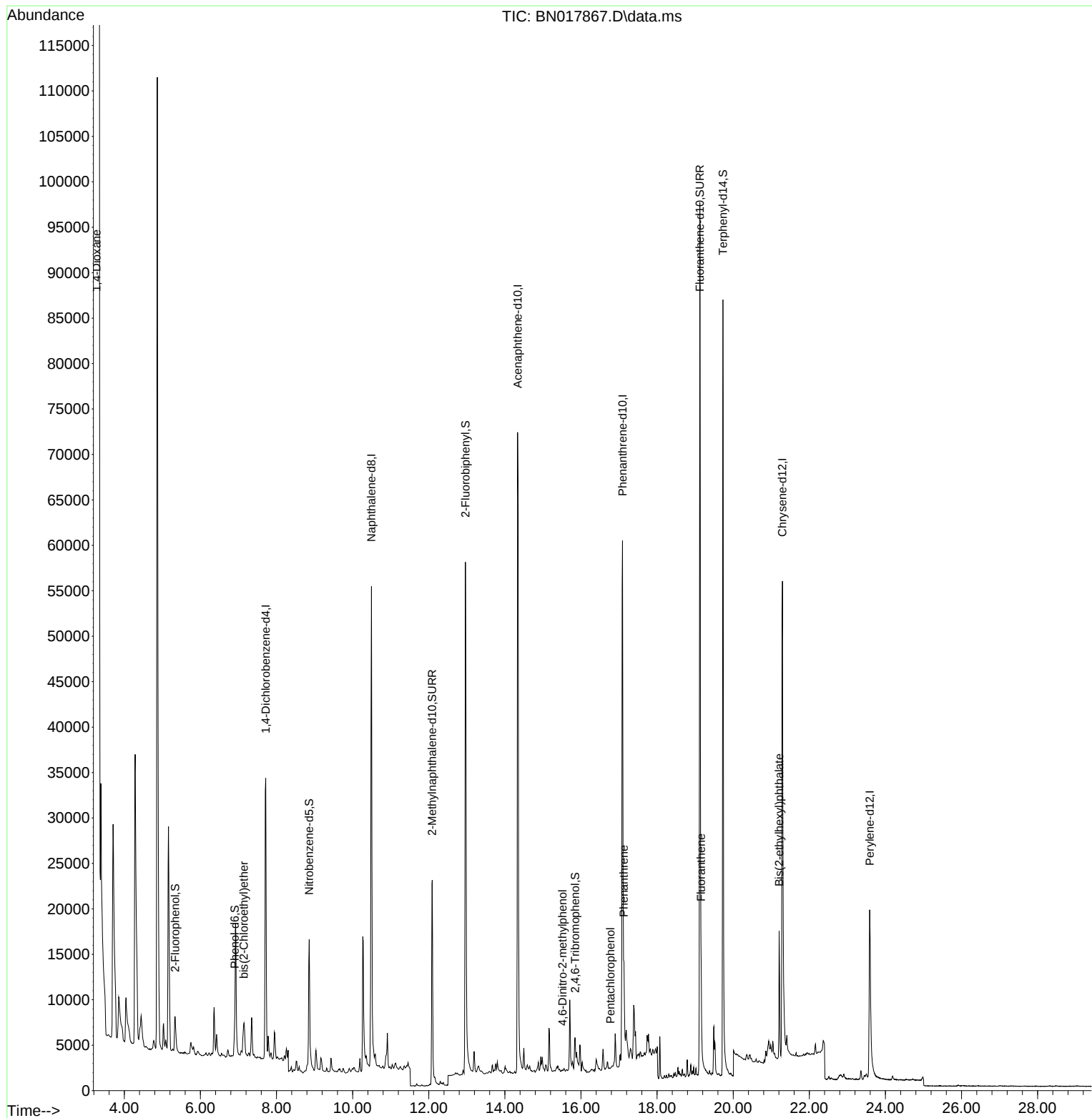
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.715  | 152  | 18888    | 0.400  | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.494 | 136  | 78071    | 0.400  | ng    | 0.00     |
| 13) Acenaphthene-d10          | 14.334 | 164  | 50749    | 0.400  | ng    | -0.01    |
| 19) Phenanthrene-d10          | 17.092 | 188  | 105846   | 0.400  | ng    | 0.00     |
| 29) Chrysene-d12              | 21.293 | 240  | 82342    | 0.400  | ng    | # 0.01   |
| 35) Perylene-d12              | 23.585 | 264  | 37186    | 0.400  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 4) 2-Fluorophenol             | 5.336  | 112  | 5008     | 0.110  | ng    | 0.00     |
| 5) Phenol-d6                  | 6.903  | 99   | 2961     | 0.069  | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.859  | 82   | 15328    | 0.295  | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.090 | 152  | 37619    | 0.242  | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.844 | 330  | 4464     | 0.168  | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 12.964 | 172  | 57988    | 0.312  | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.124 | 212  | 131350   | 0.371  | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.730 | 244  | 110771   | 0.626  | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
| 2) 1,4-Dioxane                | 3.270  | 88   | 72912    | 10.487 | ng    | # 100    |
| 6) bis(2-Chloroethyl)ether    | 7.143  | 93   | 2312     | 0.047  | ng    | 94       |
| 20) 4,6-Dinitro-2-methylph... | 15.514 | 198  | 13       | 0.093  | ng    | # 1      |
| 24) Pentachlorophenol         | 16.776 | 266  | 7        | 0.280  | ng    | # 1      |
| 25) Phenanthrene              | 17.129 | 178  | 9978     | 0.036  | ng    | 97       |
| 28) Fluoranthene              | 19.154 | 202  | 7122     | 0.021  | ng    | 97       |
| 34) Bis(2-ethylhexyl)phtha... | 21.208 | 149  | 14115    | 0.123  | ng    | 99       |
| -----                         |        |      |          |        |       |          |

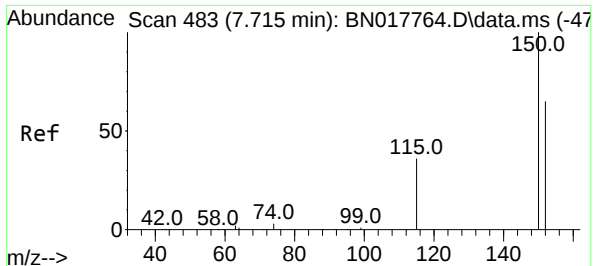
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN120921\  
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Misc :  
ALS Vial : 33 Sample Multiplier: 1

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN120721.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Dec 08 01:18:09 2021  
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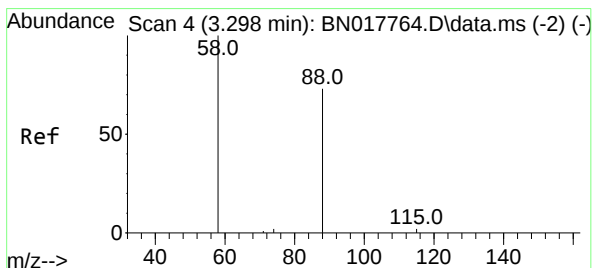
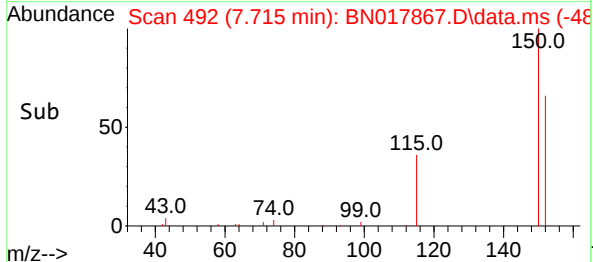
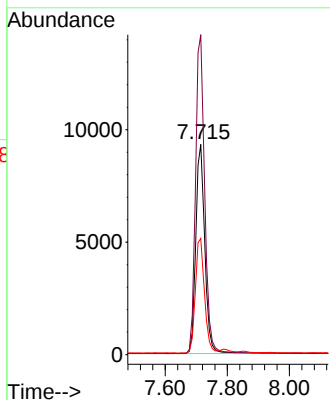
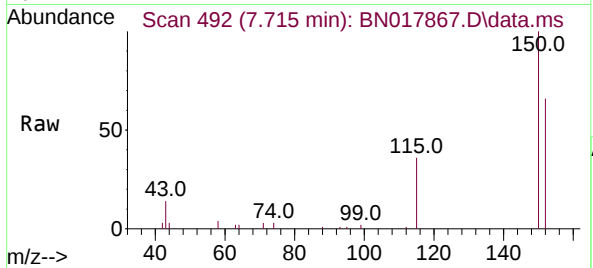




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.715 min Scan# 483  
 Delta R.T. -0.000 min  
 Lab File: BN017867.D  
 Acq: 10 Dec 2021 12:31

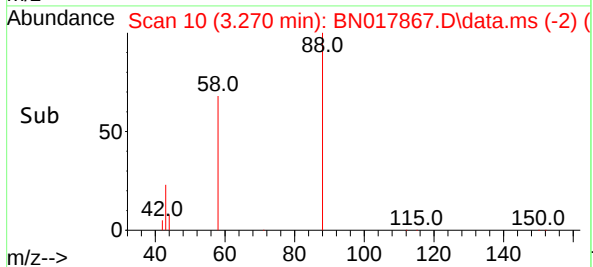
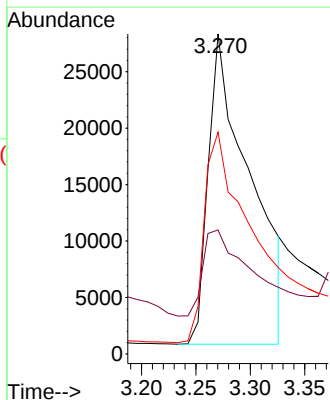
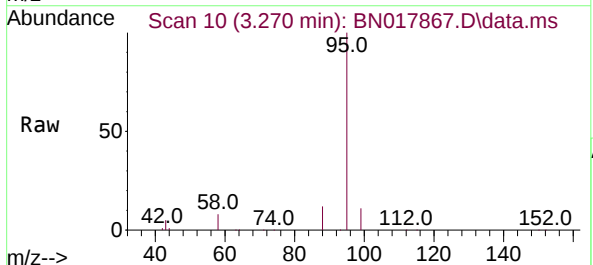
Instrument :  
 BNA\_N  
 ClientSampleId :  
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Tgt Ion:152 Resp: 18888  
 Ion Ratio Lower Upper  
 152 100  
 150 152.2 123.0 184.4  
 115 55.2 45.3 67.9



#2  
 1,4-Dioxane  
 Concen: 10.487 ng  
 RT: 3.270 min Scan# 10  
 Delta R.T. -0.028 min  
 Lab File: BN017867.D  
 Acq: 10 Dec 2021 12:31

Tgt Ion: 88 Resp: 72912  
 Ion Ratio Lower Upper  
 88 100  
 43 31.0 0.0 0.0#  
 58 74.0 0.0 0.0#

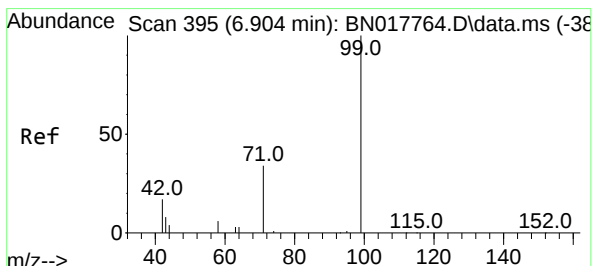
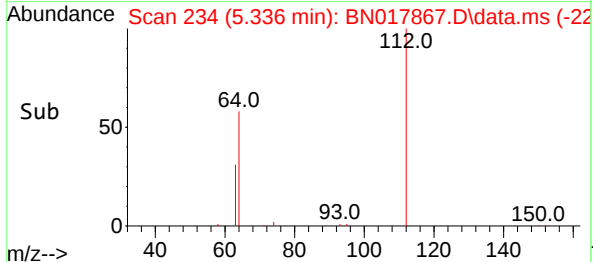
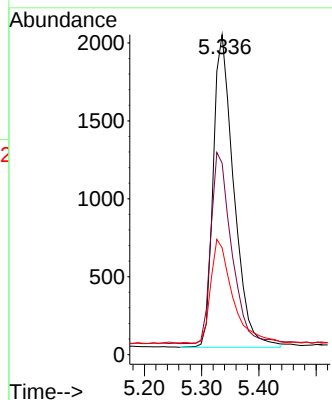
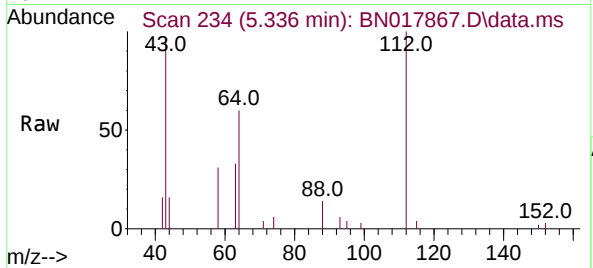




#4  
2-Fluorophenol  
Concen: 0.110 ng  
RT: 5.336 min Scan# 21  
Delta R.T. 0.009 min  
Lab File: BN017867.D  
Acq: 10 Dec 2021 12:31

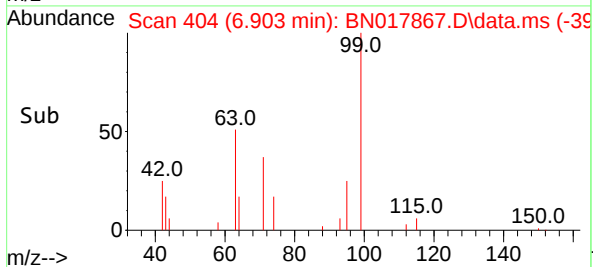
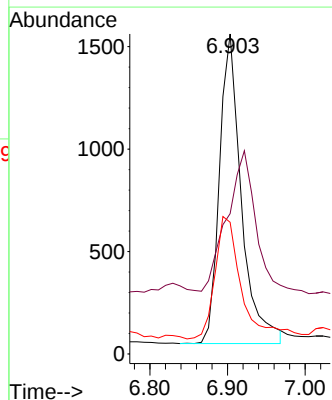
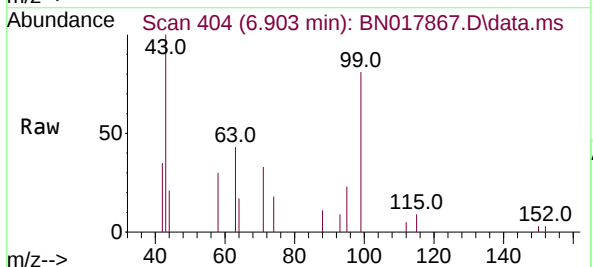
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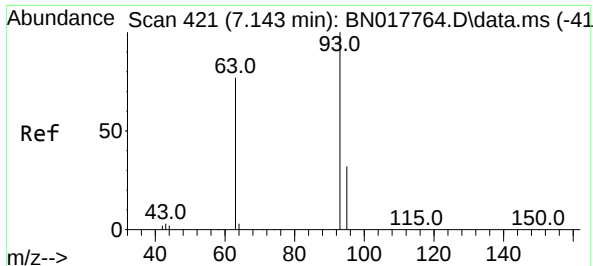
Tgt Ion:112 Resp: 5008  
Ion Ratio Lower Upper  
112 100  
64 61.5 49.3 73.9  
63 34.9 25.8 38.8



#5  
Phenol-d6  
Concen: 0.069 ng  
RT: 6.903 min Scan# 404  
Delta R.T. -0.000 min  
Lab File: BN017867.D  
Acq: 10 Dec 2021 12:31

Tgt Ion: 99 Resp: 2961  
Ion Ratio Lower Upper  
99 100  
42 0.0 16.6 25.0#  
71 46.5 29.0 43.4#

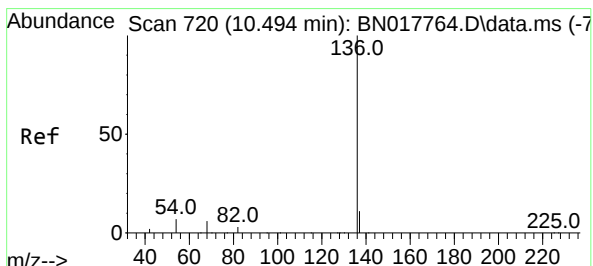
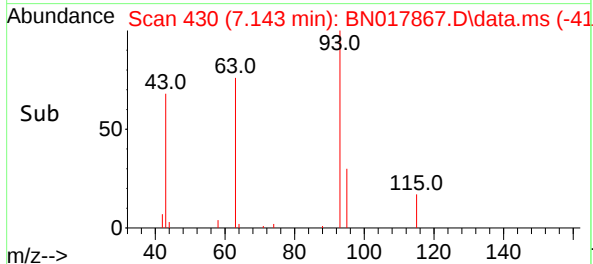
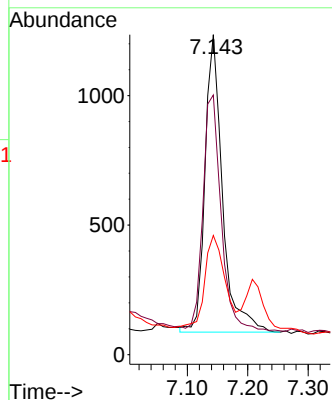
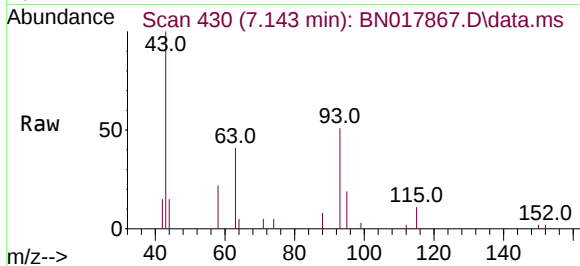




#6  
bis(2-Chloroethyl)ether  
Concen: 0.047 ng  
RT: 7.143 min Scan# 41  
Delta R.T. -0.000 min  
Lab File: BN017867.D  
Acq: 10 Dec 2021 12:31

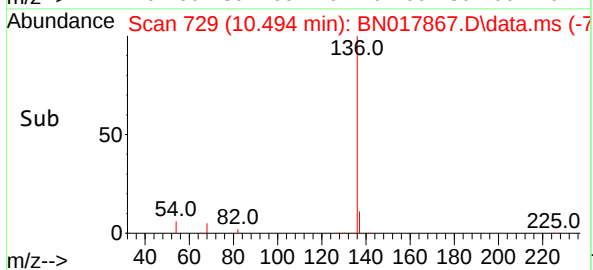
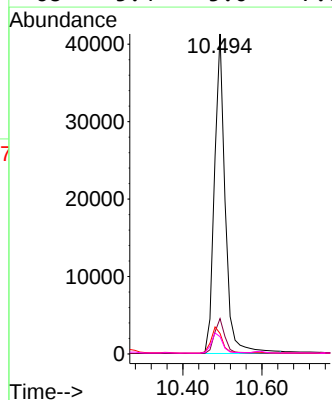
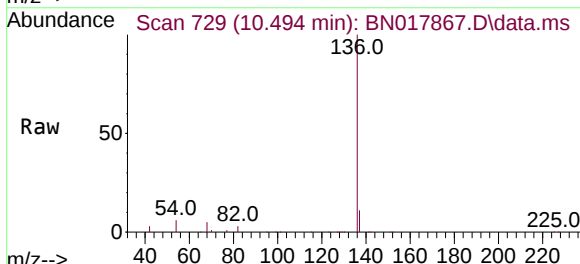
Instrument :  
BNA\_N  
ClientSampleId :  
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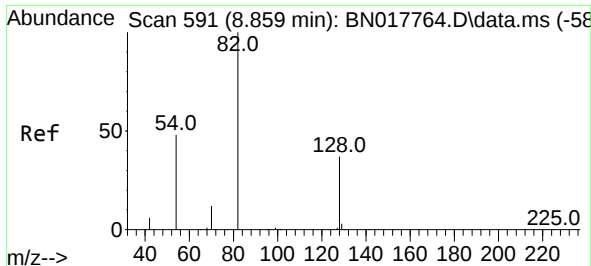
Tgt Ion: 93 Resp: 2312  
Ion Ratio Lower Upper  
93 100  
63 83.0 62.0 93.0  
95 36.1 26.4 39.6



#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.494 min Scan# 729  
Delta R.T. -0.000 min  
Lab File: BN017867.D  
Acq: 10 Dec 2021 12:31

Tgt Ion: 136 Resp: 78071  
Ion Ratio Lower Upper  
136 100  
137 11.0 8.8 13.2  
54 6.4 5.9 8.9  
68 5.4 5.0 7.6

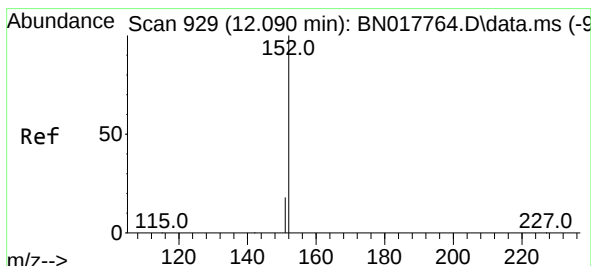
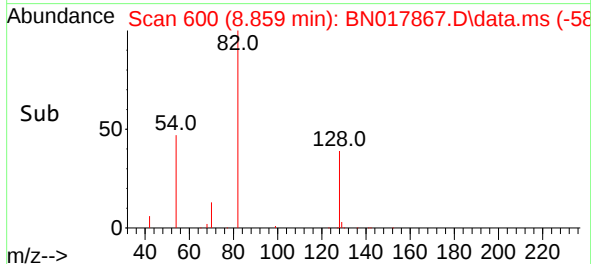
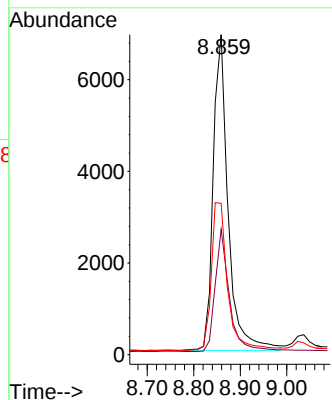
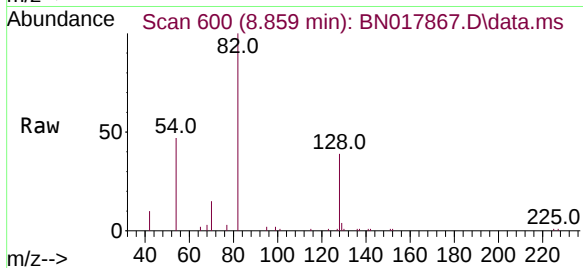




#8  
Nitrobenzene-d5  
Concen: 0.295 ng  
RT: 8.859 min Scan# 60  
Delta R.T. -0.000 min  
Lab File: BN017867.D  
Acq: 10 Dec 2021 12:31

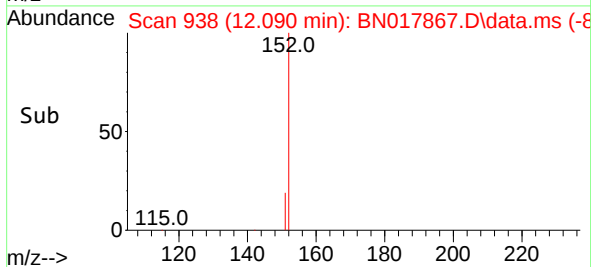
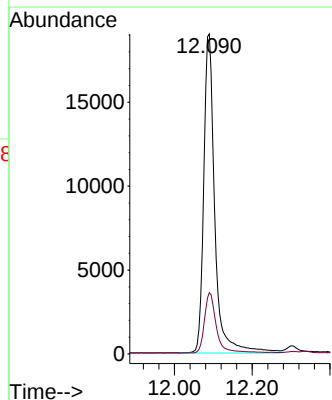
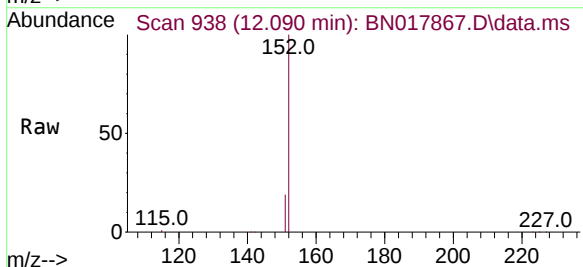
Instrument :  
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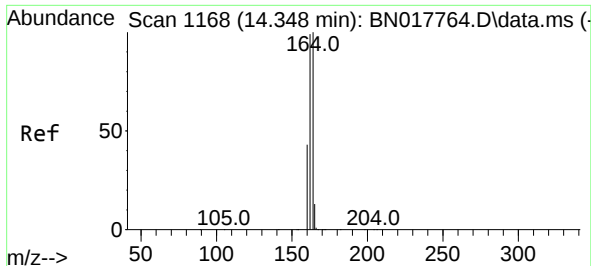
Tgt Ion: 82 Resp: 15328  
Ion Ratio Lower Upper  
82 100  
128 39.2 30.2 45.2  
54 47.3 39.0 58.6



#11  
2-Methylnaphthalene-d10  
Concen: 0.242 ng  
RT: 12.090 min Scan# 938  
Delta R.T. -0.000 min  
Lab File: BN017867.D  
Acq: 10 Dec 2021 12:31

Tgt Ion: 152 Resp: 37619  
Ion Ratio Lower Upper  
152 100  
151 20.3 16.4 24.6

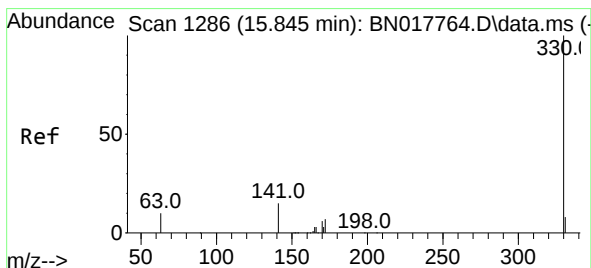
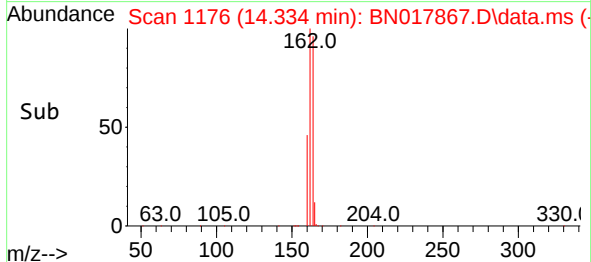
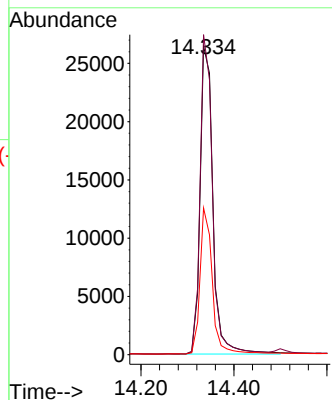
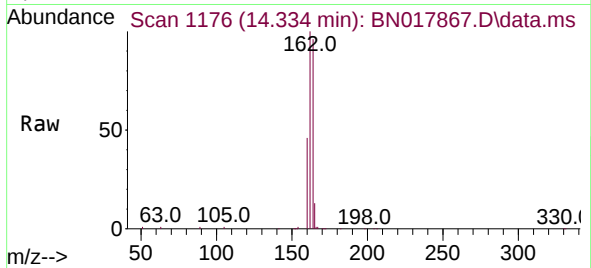




#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.334 min Scan# 1176  
Delta R.T. -0.013 min  
Lab File: BN017867.D  
Acq: 10 Dec 2021 12:31

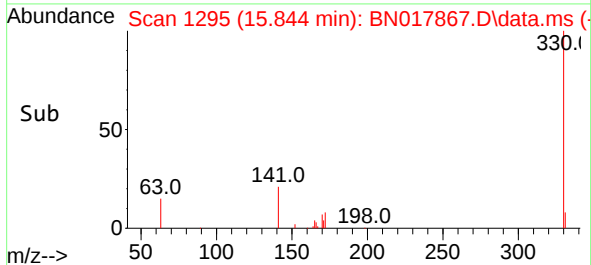
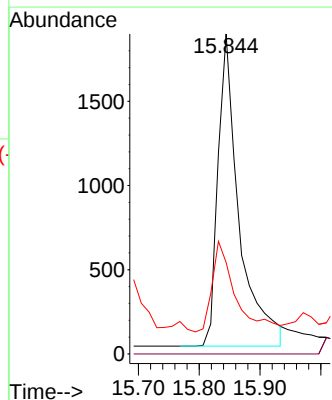
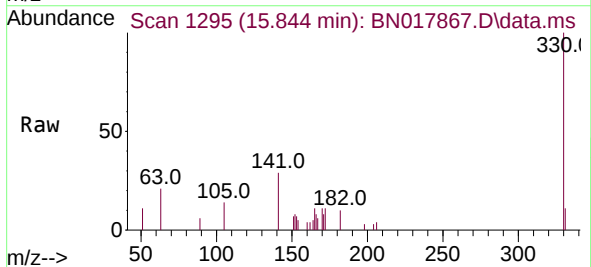
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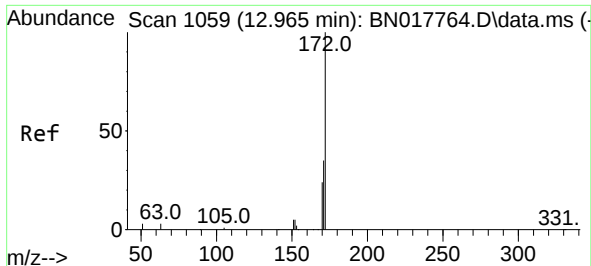
Tgt Ion:164 Resp: 50749  
Ion Ratio Lower Upper  
164 100  
162 103.7 79.0 118.6  
160 47.5 34.6 52.0



#14  
2,4,6-Tribromophenol  
Concen: 0.168 ng  
RT: 15.844 min Scan# 1295  
Delta R.T. -0.000 min  
Lab File: BN017867.D  
Acq: 10 Dec 2021 12:31

Tgt Ion:330 Resp: 4464  
Ion Ratio Lower Upper  
330 100  
332 0.0 0.0 0.0  
141 31.8 21.5 32.3

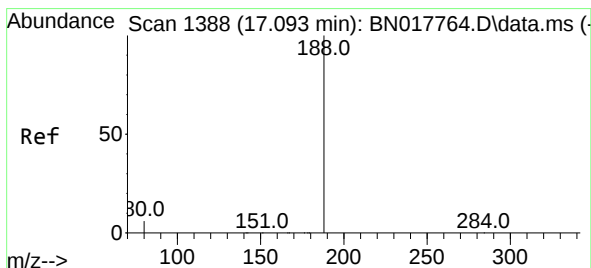
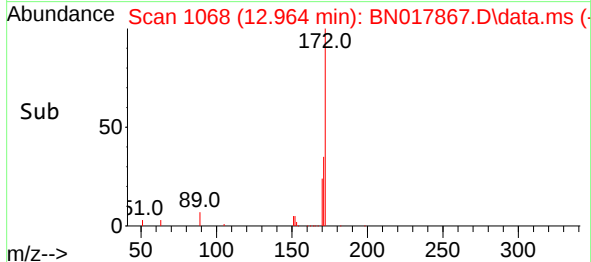
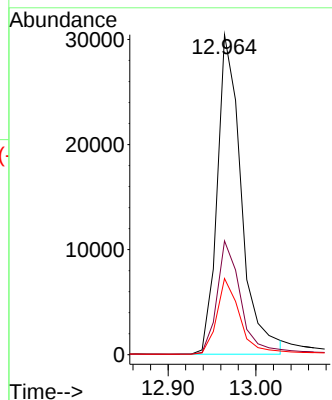
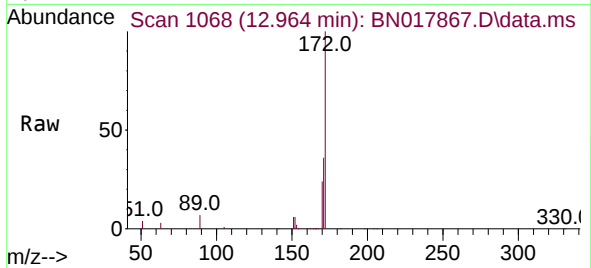




#15  
2-Fluorobiphenyl  
Concen: 0.312 ng  
RT: 12.964 min Scan# 1059  
Delta R.T. -0.000 min  
Lab File: BN017867.D  
Acq: 10 Dec 2021 12:31

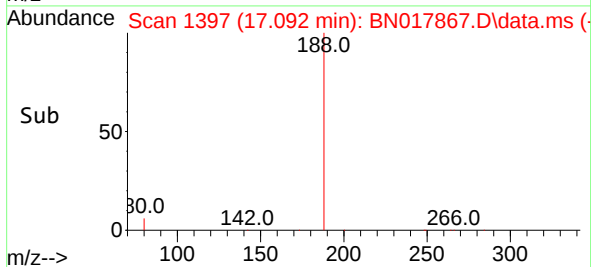
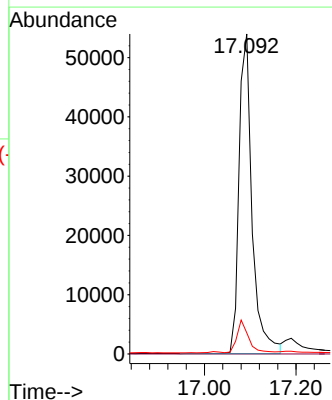
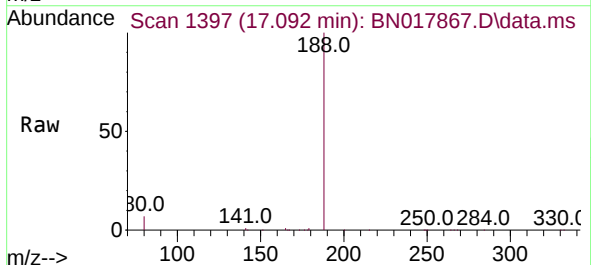
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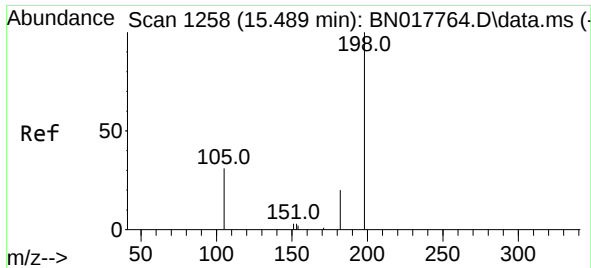
Tgt Ion:172 Resp: 57988  
Ion Ratio Lower Upper  
172 100  
171 35.6 28.1 42.1  
170 23.8 18.9 28.3



#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.092 min Scan# 1397  
Delta R.T. -0.000 min  
Lab File: BN017867.D  
Acq: 10 Dec 2021 12:31

Tgt Ion:188 Resp: 105846  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 6.6 5.1 7.7

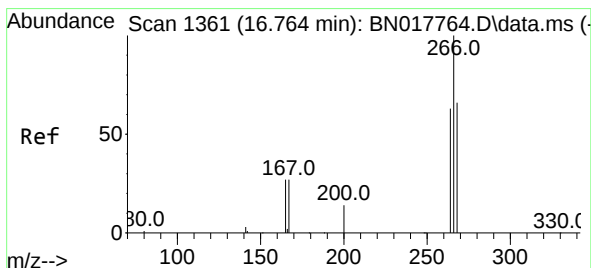
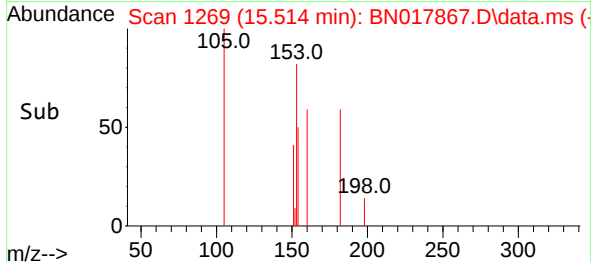
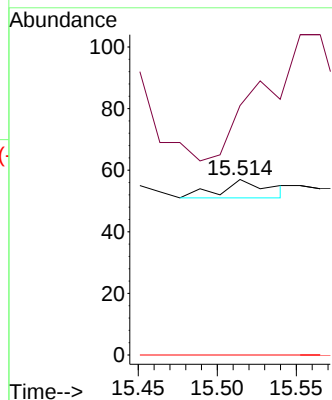
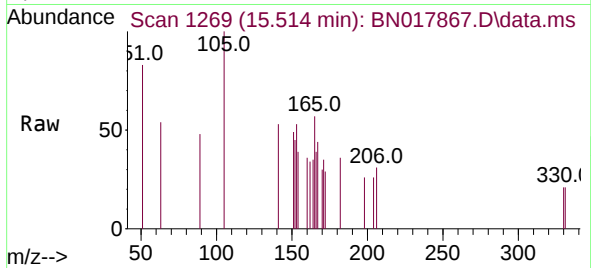




#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.093 ng  
RT: 15.514 min Scan# 1371  
Delta R.T. 0.025 min  
Lab File: BN017867.D  
Acq: 10 Dec 2021 12:31

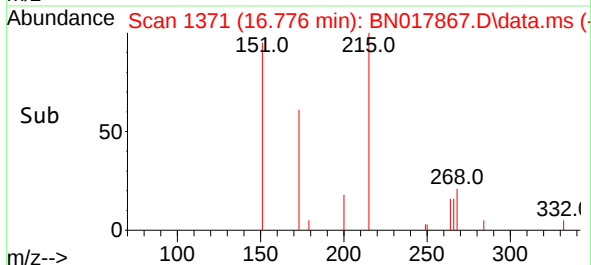
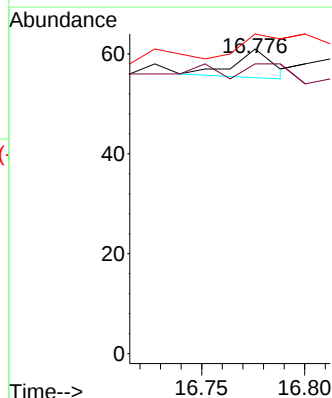
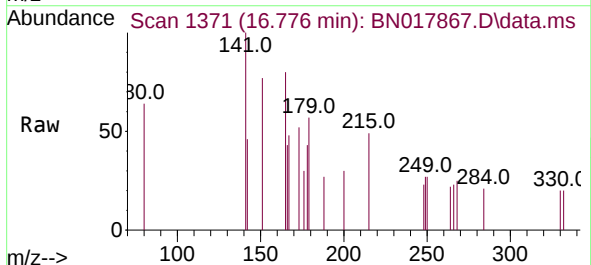
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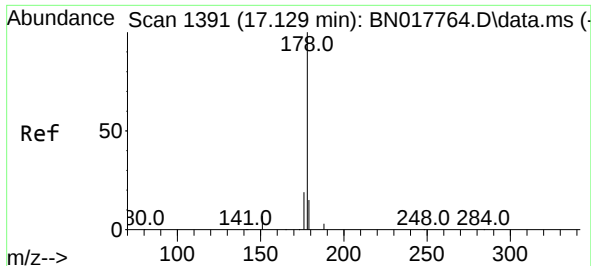
Tgt Ion:198 Resp: 13  
Ion Ratio Lower Upper  
198 100  
182 142.1 44.2 66.2#  
77 0.0 0.0 0.0



#24  
Pentachlorophenol  
Concen: 0.280 ng  
RT: 16.776 min Scan# 1371  
Delta R.T. 0.012 min  
Lab File: BN017867.D  
Acq: 10 Dec 2021 12:31

Tgt Ion:266 Resp: 7  
Ion Ratio Lower Upper  
266 100  
264 0.0 50.8 76.2#  
268 242.9 51.8 77.6#

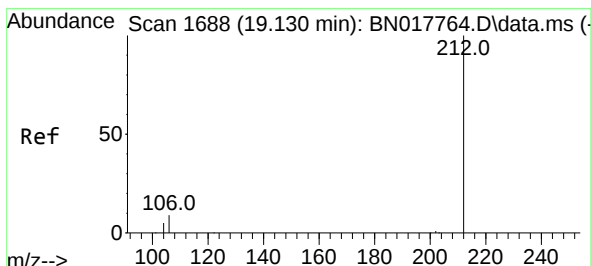
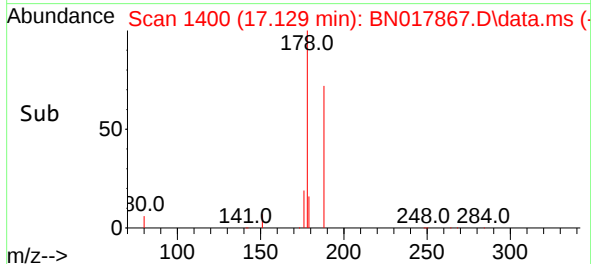
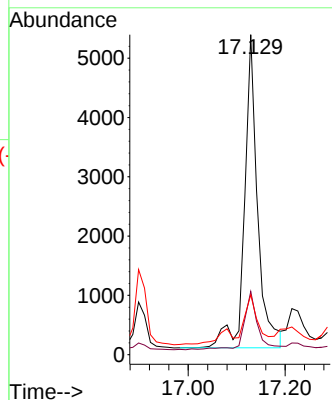
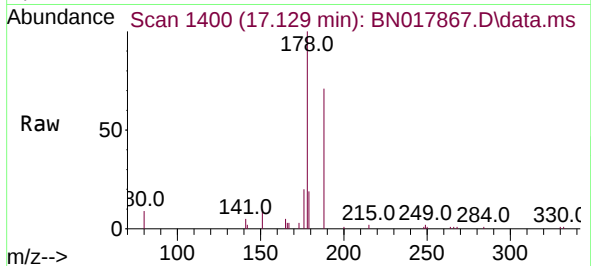




#25  
Phenanthrene  
Concen: 0.036 ng  
RT: 17.129 min Scan# 1400  
Delta R.T. -0.000 min  
Lab File: BN017867.D  
Acq: 10 Dec 2021 12:31

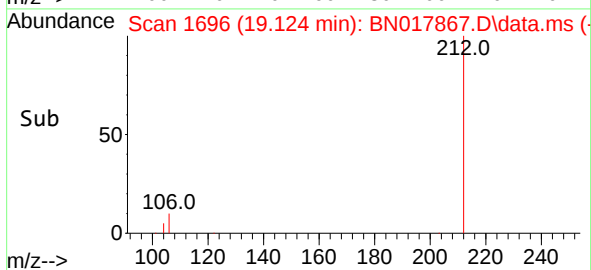
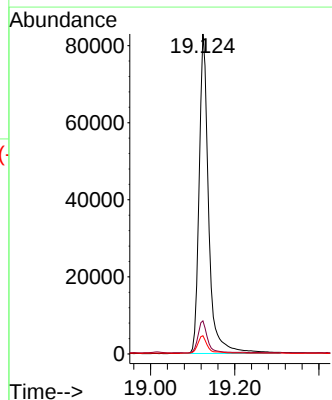
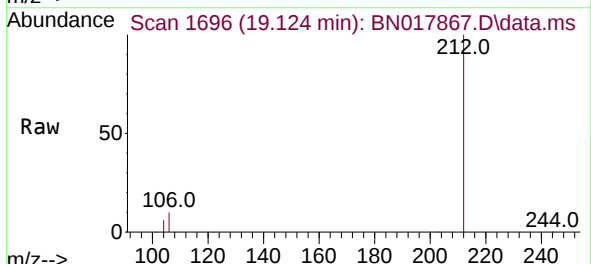
Instrument :  
BNA\_N  
ClientSampleId :  
RE115D2-20211130

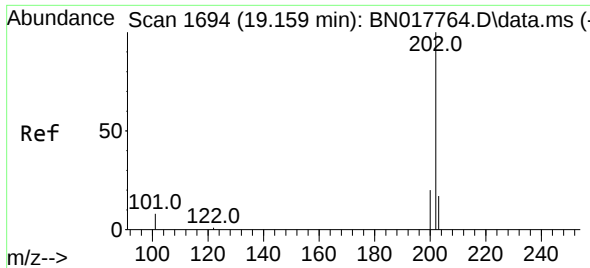
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 178   | Resp: | 9978 |
| Ion Ratio | Lower | Upper |      |
| 178       | 100   |       |      |
| 176       | 19.3  | 15.0  | 22.6 |
| 179       | 13.5  | 12.5  | 18.7 |



#27  
Fluoranthene-d10  
Concen: 0.371 ng  
RT: 19.124 min Scan# 1696  
Delta R.T. -0.005 min  
Lab File: BN017867.D  
Acq: 10 Dec 2021 12:31

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 212   | Resp: | 131350 |
| Ion Ratio | Lower | Upper |        |
| 212       | 100   |       |        |
| 106       | 9.8   | 8.2   | 12.2   |
| 104       | 5.8   | 4.6   | 6.8    |

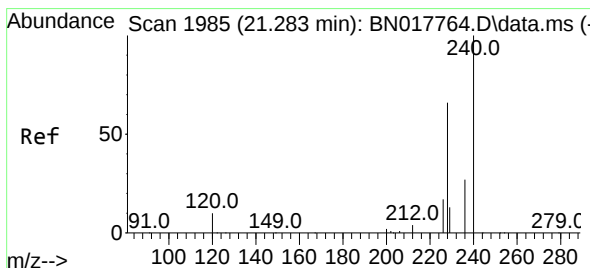
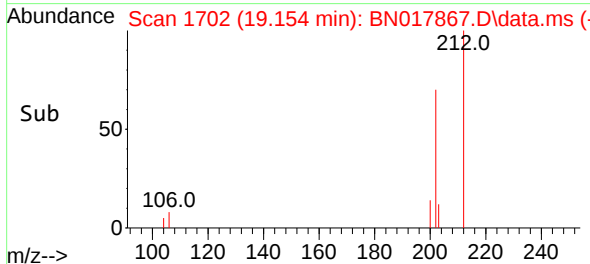
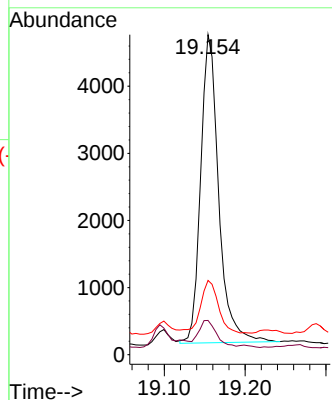
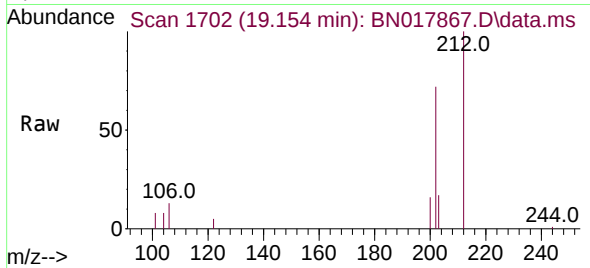




#28  
Fluoranthene  
Concen: 0.021 ng  
RT: 19.154 min Scan# 11  
Delta R.T. -0.005 min  
Lab File: BN017867.D  
Acq: 10 Dec 2021 12:31

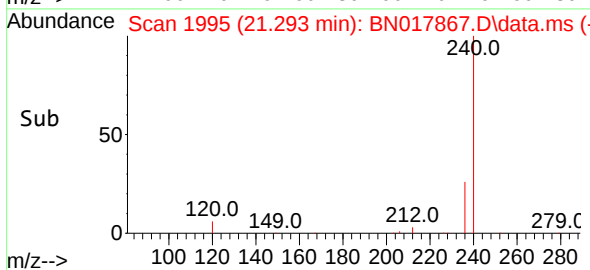
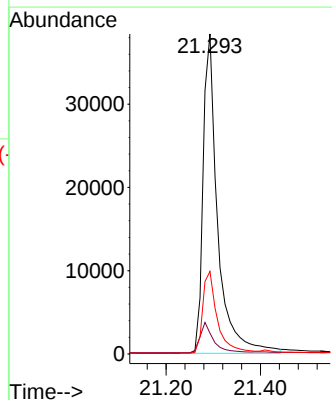
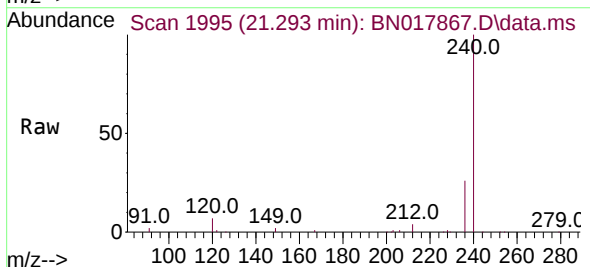
Instrument :  
BNA\_N  
ClientSampleId :  
RE115D2-20211130

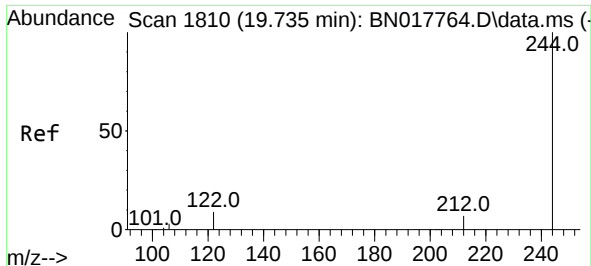
Tgt Ion:202 Resp: 7122  
Ion Ratio Lower Upper  
202 100  
101 7.9 7.2 10.8  
203 18.2 13.7 20.5



#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.293 min Scan# 1995  
Delta R.T. 0.010 min  
Lab File: BN017867.D  
Acq: 10 Dec 2021 12:31

Tgt Ion:240 Resp: 82342  
Ion Ratio Lower Upper  
240 100  
120 6.5 7.9 11.9#  
236 25.8 21.4 32.2

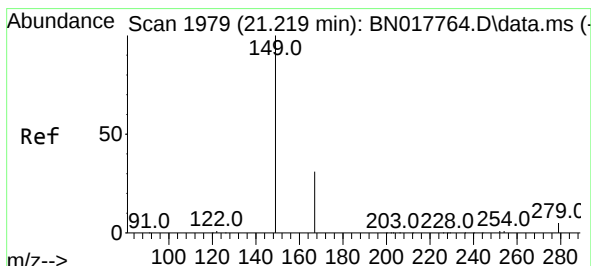
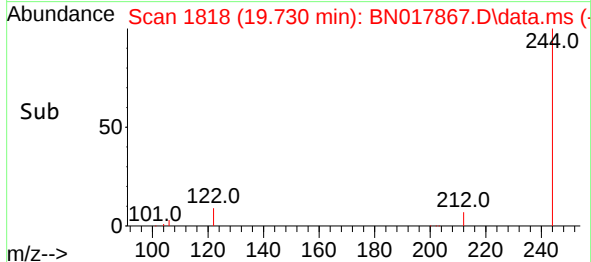
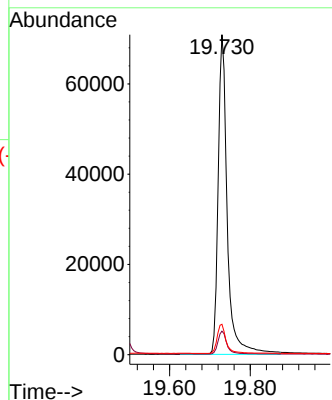
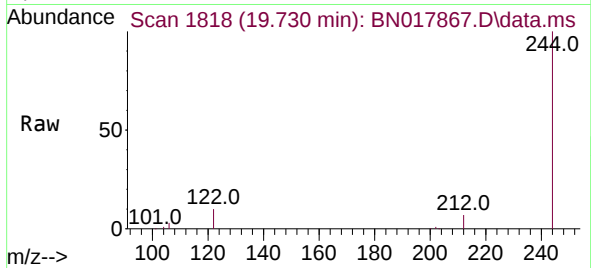




#31  
 Terphenyl-d14  
 Concen: 0.626 ng  
 RT: 19.730 min Scan# 11  
 Delta R.T. -0.005 min  
 Lab File: BN017867.D  
 Acq: 10 Dec 2021 12:31

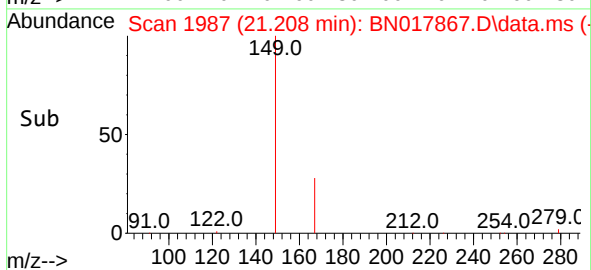
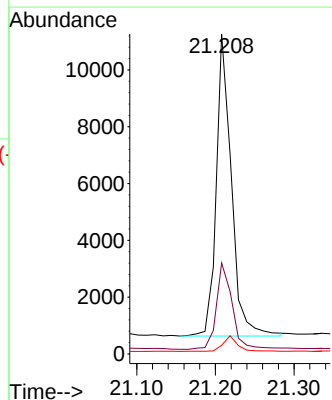
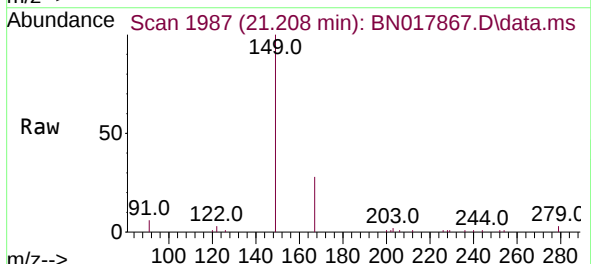
Instrument :  
 BNA\_N  
 ClientSampleId :  
 RE115D2-20211130

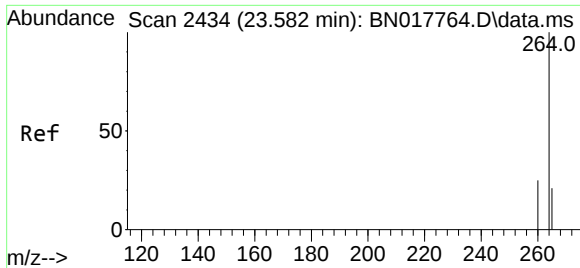
Tgt Ion:244 Resp: 110771  
 Ion Ratio Lower Upper  
 244 100  
 212 7.4 5.8 8.8  
 122 9.5 7.1 10.7



#34  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.123 ng  
 RT: 21.208 min Scan# 1987  
 Delta R.T. -0.011 min  
 Lab File: BN017867.D  
 Acq: 10 Dec 2021 12:31

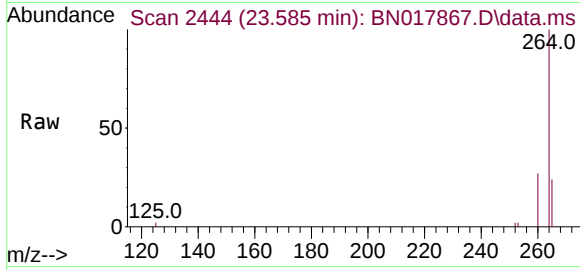
Tgt Ion:149 Resp: 14115  
 Ion Ratio Lower Upper  
 149 100  
 167 29.9 23.5 35.3  
 279 4.9 3.8 5.6





#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 23.585 min Scan# 24  
 Delta R.T. 0.003 min  
 Lab File: BN017867.D  
 Acq: 10 Dec 2021 12:31

Instrument :  
 BNA\_N  
 ClientSampleId :  
 RE115D2-20211130



Tgt Ion:264 Resp: 37186  
 Ion Ratio Lower Upper  
 264 100  
 260 26.6 20.0 30.0  
 265 24.4 20.5 30.7

