

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF052722\  
 Data File : BF128532.D  
 Acq On : 28 May 2022 02:31  
 Operator : CG\JU  
 Sample : N2930-10  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 P005-SS003-1824-01

Quant Time: May 28 03:14:28 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF052622.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri May 27 01:51:59 2022  
 Response via : Initial Calibration

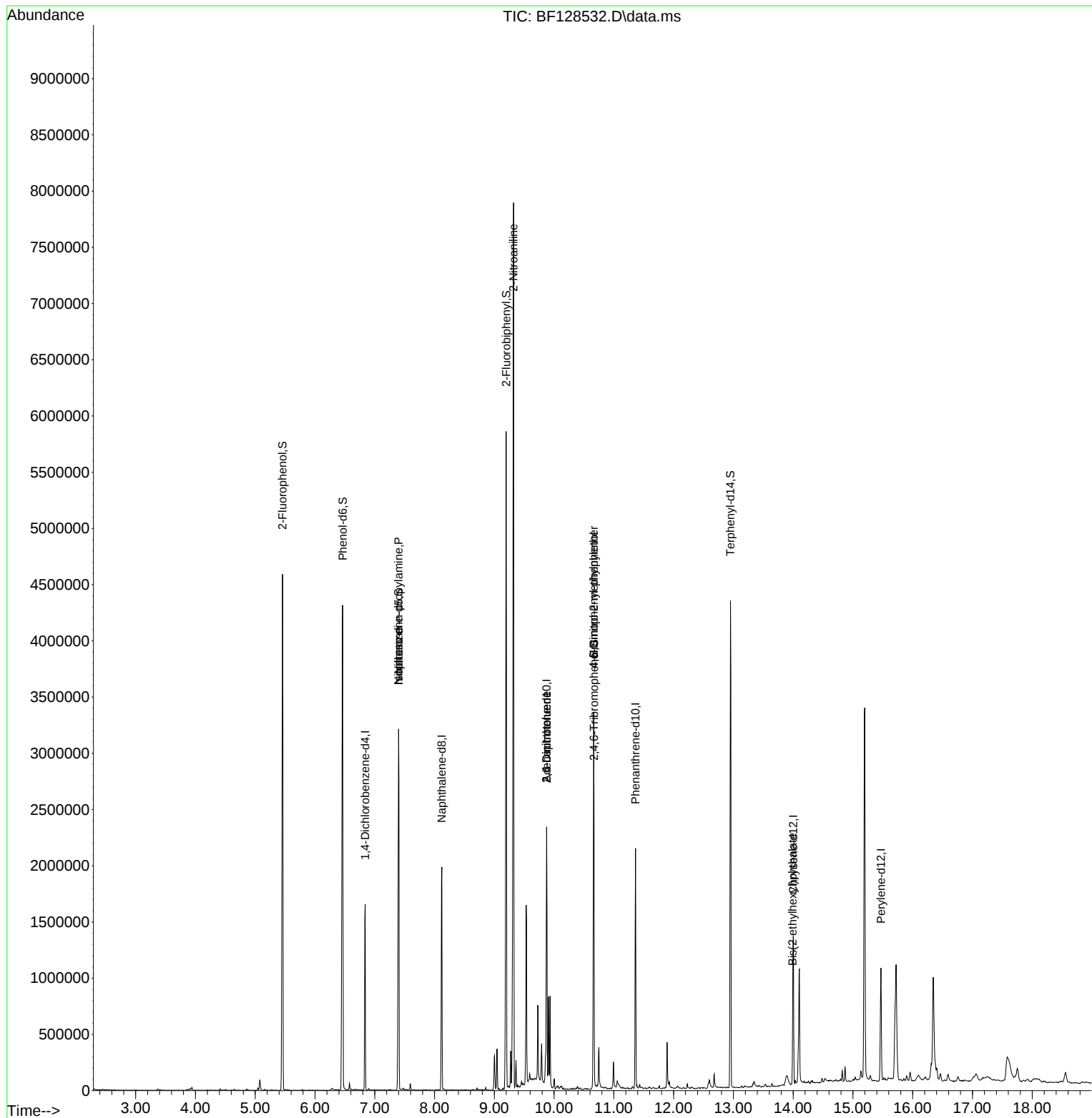
| Compound                      | R.T.   | QIon | Response | Conc      | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|-----------|--------|----------|
| -----                         |        |      |          |           |        |          |
| Internal Standards            |        |      |          |           |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.840  | 152  | 238774   | 20.000    | ng     | 0.00     |
| 21) Naphthalene-d8            | 8.122  | 136  | 891629   | 20.000    | ng     | 0.00     |
| 39) Acenaphthene-d10          | 9.875  | 164  | 454901   | 20.000    | ng     | 0.00     |
| 64) Phenanthrene-d10          | 11.363 | 188  | 737650   | 20.000    | ng     | 0.00     |
| 76) Chrysene-d12              | 14.004 | 240  | 453546   | 20.000    | ng     | 0.00     |
| 86) Perylene-d12              | 15.468 | 264  | 440853   | 20.000    | ng     | 0.00     |
| System Monitoring Compounds   |        |      |          |           |        |          |
| 5) 2-Fluorophenol             | 5.457  | 112  | 1316058  | 91.297    | ng     | 0.00     |
| 7) Phenol-d6                  | 6.463  | 99   | 1692958  | 92.110    | ng     | 0.00     |
| 23) Nitrobenzene-d5           | 7.398  | 82   | 1129241  | 73.062    | ng     | -0.01    |
| 42) 2,4,6-Tribromophenol      | 10.669 | 330  | 394000   | 90.995    | ng     | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.198  | 172  | 1915446  | 68.409    | ng     | 0.00     |
| 79) Terphenyl-d14             | 12.951 | 244  | 1530951  | 65.214    | ng     | 0.00     |
| Target Compounds              |        |      |          |           |        |          |
|                               |        |      |          |           | Qvalue |          |
| 9) Benzaldehyde               | 6.381  | 77   | 478      | Below Cal | #      | 62       |
| 19) n-Nitroso-di-n-propyla... | 7.398  | 70   | 154073   | 13.672    | ng     | # 78     |
| 25) Isophorone                | 7.398  | 82   | 1121444  | 39.332    | ng     | # 65     |
| 48) 2-Nitroaniline            | 9.322  | 65   | 98399    | 14.112    | ng     | # 32     |
| 51) 2,6-Dinitrotoluene        | 9.875  | 165  | 57111    | 10.561    | ng     | # 26     |
| 57) 2,4-Dinitrotoluene        | 9.875  | 165  | 57111    | 8.827     | ng     | # 21     |
| 65) 4,6-Dinitro-2-methylph... | 10.663 | 198  | 1015     | 5.766     | ng     | # 1      |
| 67) 4-Bromophenyl-phenylether | 10.663 | 248  | 26007    | 3.412     | ng     | # 1      |
| 84) Bis(2-ethylhexyl)phtha... | 13.992 | 149  | 57325    | 3.289     | ng     | 99       |
| -----                         |        |      |          |           |        |          |

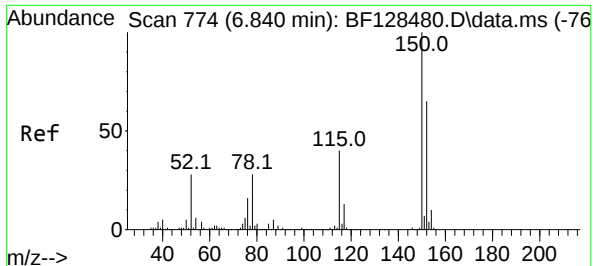
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF052722\  
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ALS Vial : 20 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri May 27 01:51:59 2022  
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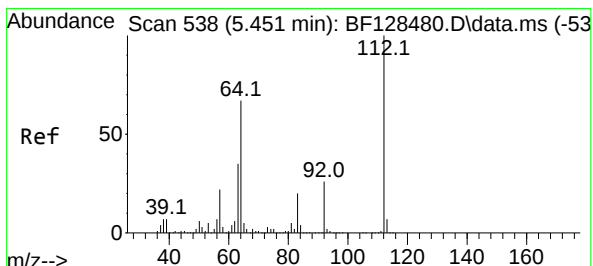
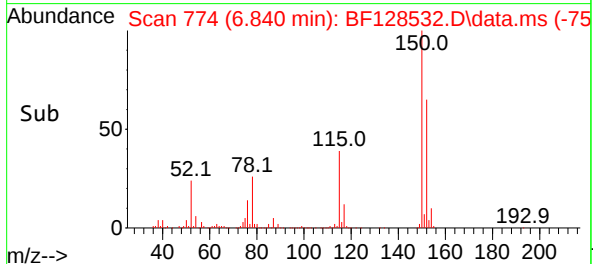
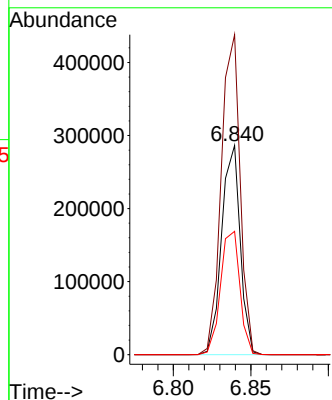
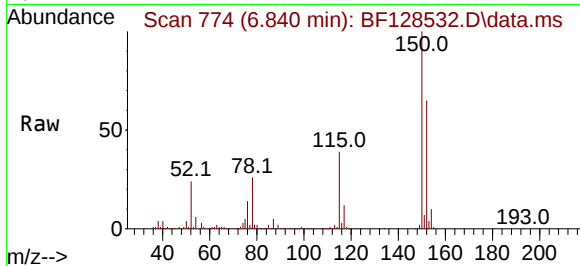




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.840 min Scan# 774  
Delta R.T. -0.000 min  
Lab File: BF128532.D  
Acq: 28 May 2022 02:31

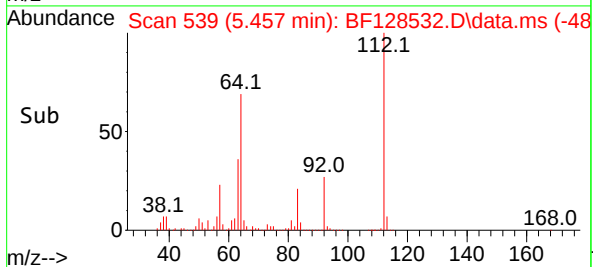
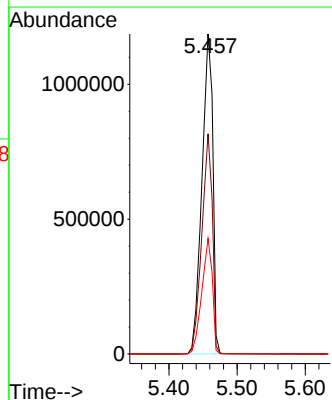
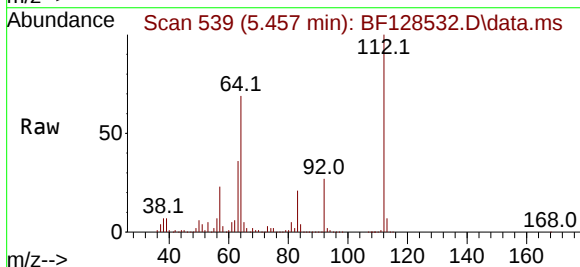
Instrument :  
BNA\_F  
ClientSampleId :  
P005-SS003-1824-01

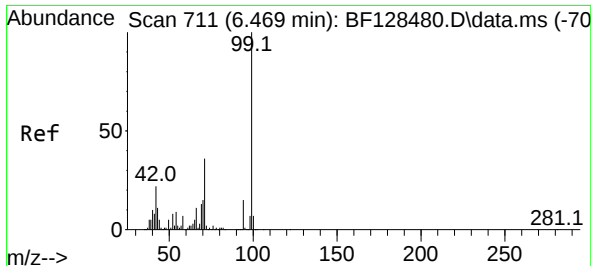
Tgt Ion:152 Resp: 238774  
Ion Ratio Lower Upper  
152 100  
150 152.9 123.7 185.5  
115 59.0 49.9 74.9



#5  
2-Fluorophenol  
Concen: 91.297 ng  
RT: 5.457 min Scan# 539  
Delta R.T. 0.006 min  
Lab File: BF128532.D  
Acq: 28 May 2022 02:31

Tgt Ion:112 Resp: 1316058  
Ion Ratio Lower Upper  
112 100  
64 68.8 53.3 79.9  
63 36.1 28.0 42.0

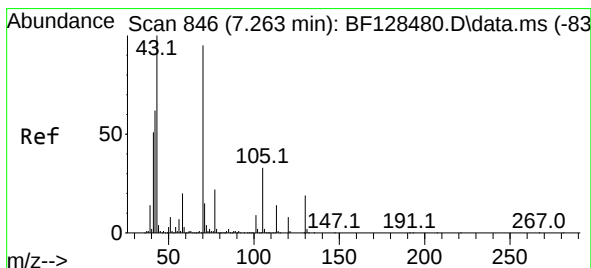
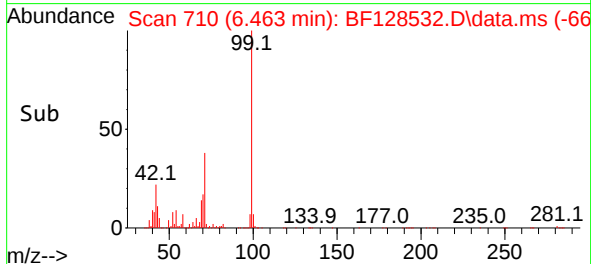
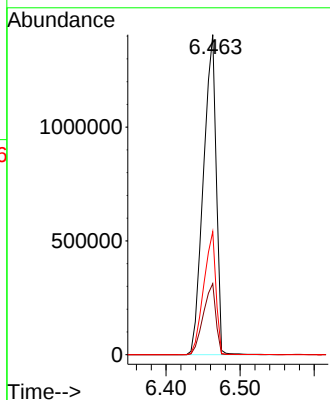
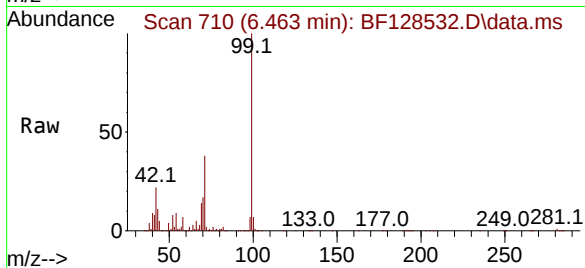




#7  
Phenol-d6  
Concen: 92.110 ng  
RT: 6.463 min Scan# 710  
Delta R.T. -0.006 min  
Lab File: BF128532.D  
Acq: 28 May 2022 02:31

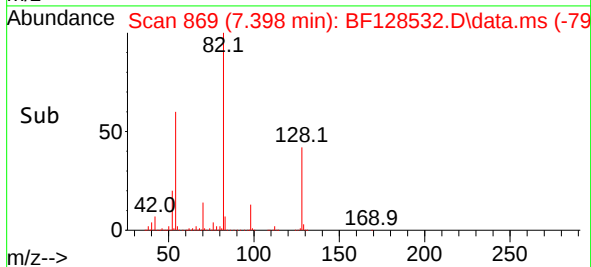
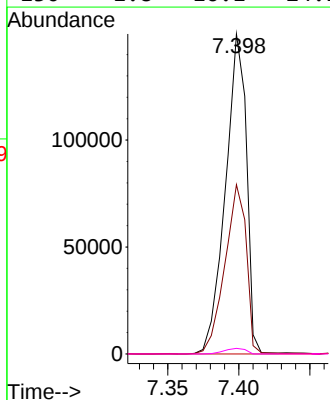
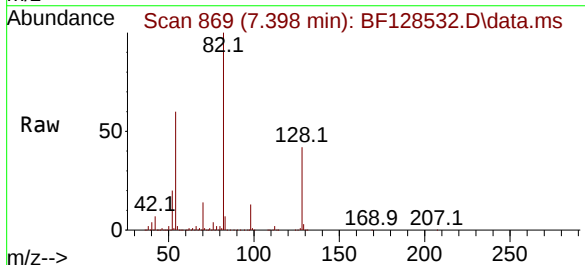
Instrument :  
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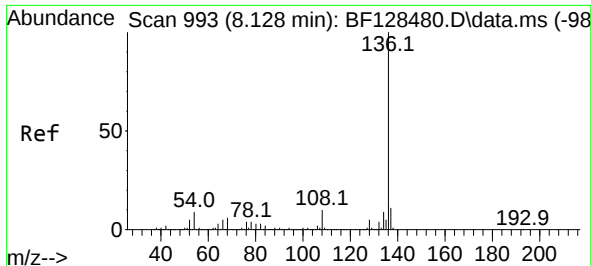
Tgt Ion: 99 Resp: 1692958  
Ion Ratio Lower Upper  
99 100  
42 22.2 17.3 25.9  
71 38.5 28.9 43.3



#19  
n-Nitroso-di-n-propylamine  
Concen: 13.672 ng  
RT: 7.398 min Scan# 869  
Delta R.T. 0.135 min  
Lab File: BF128532.D  
Acq: 28 May 2022 02:31

Tgt Ion: 70 Resp: 154073  
Ion Ratio Lower Upper  
70 100  
42 52.9 52.3 78.5  
101 0.0 7.5 11.3#  
130 1.8 16.1 24.1#

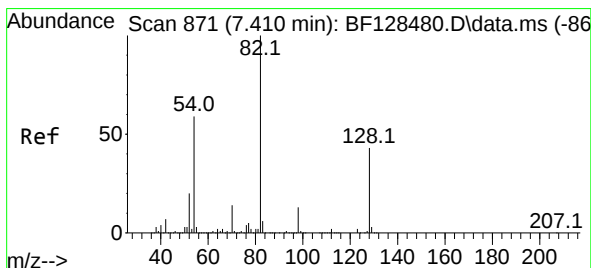
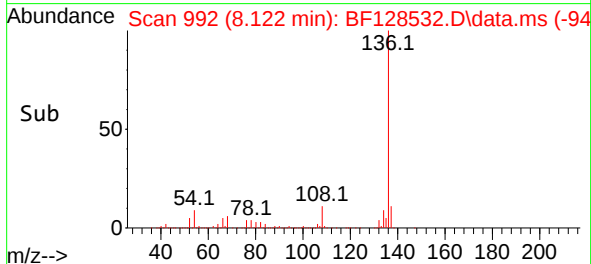
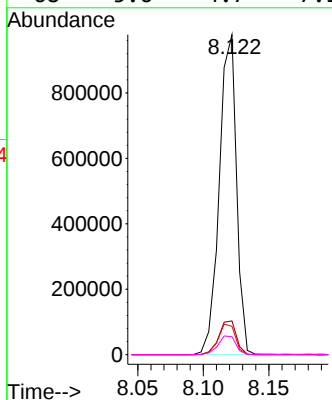
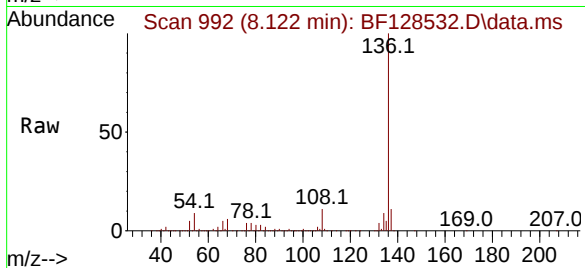




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.122 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: BF128532.D  
Acq: 28 May 2022 02:31

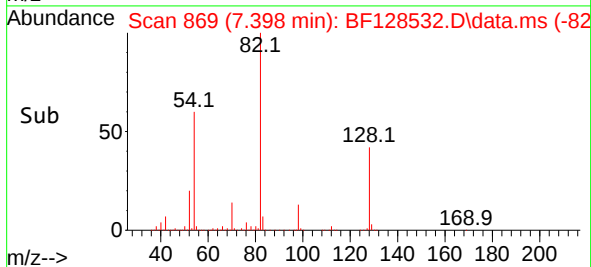
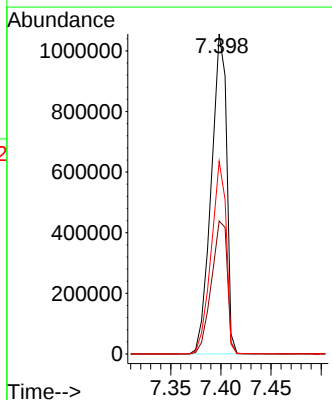
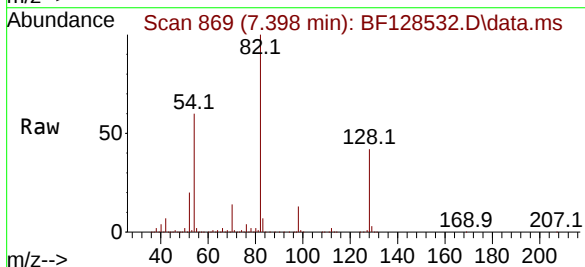
Instrument :  
BNA\_F  
ClientSampleId :  
P005-SS003-1824-01

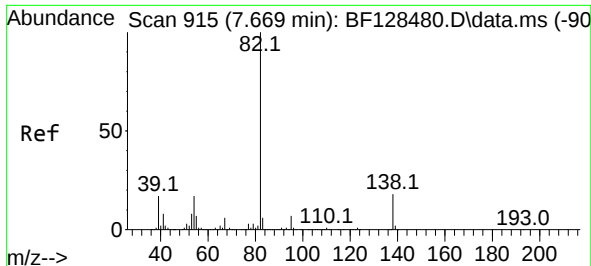
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 891629 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 10.5  | 8.8   | 13.2   |
| 54       | 8.9   | 7.5   | 11.3   |
| 68       | 5.6   | 4.7   | 7.1    |



#23  
Nitrobenzene-d5  
Concen: 73.062 ng  
RT: 7.398 min Scan# 869  
Delta R.T. -0.012 min  
Lab File: BF128532.D  
Acq: 28 May 2022 02:31

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 82    | Resp: | 1129241 |
| Ion      | Ratio | Lower | Upper   |
| 82       | 100   |       |         |
| 128      | 41.5  | 34.0  | 51.0    |
| 54       | 60.2  | 46.9  | 70.3    |

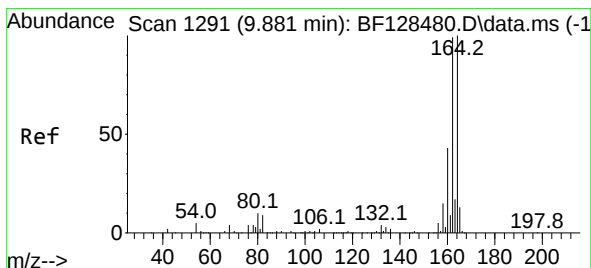
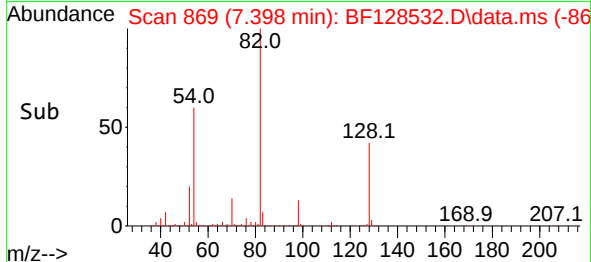
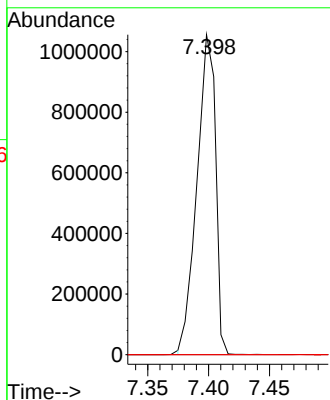
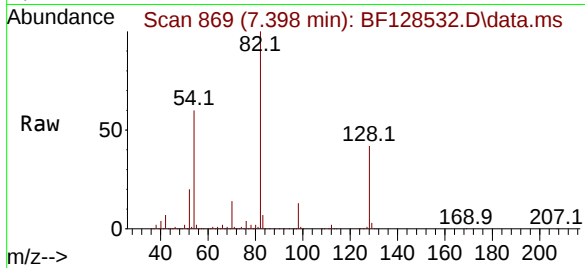




#25  
Isophorone  
Concen: 39.332 ng  
RT: 7.398 min Scan# 80  
Delta R.T. -0.271 min  
Lab File: BF128532.D  
Acq: 28 May 2022 02:31

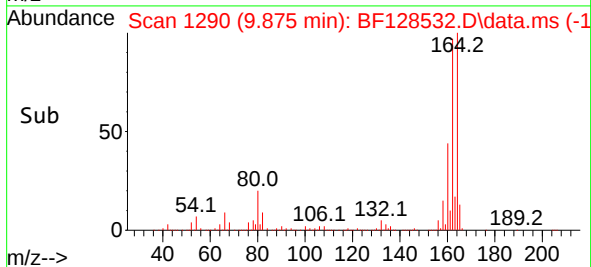
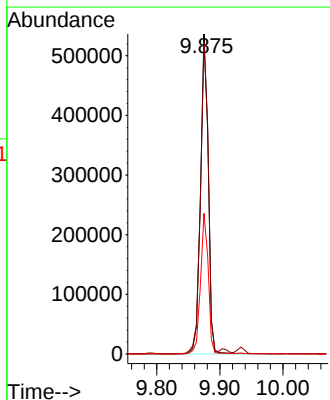
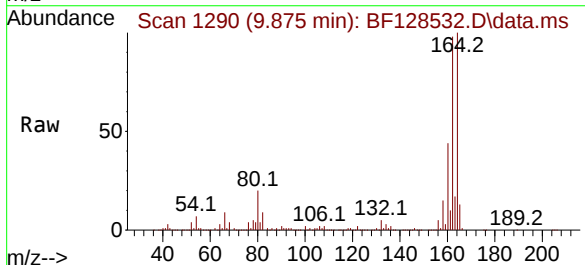
Instrument :  
BNA\_F  
ClientSampleId :  
P005-SS003-1824-01

Tgt Ion: 82 Resp: 1121444  
Ion Ratio Lower Upper  
82 100  
95 0.0 5.7 8.5#  
138 0.0 14.2 21.2#



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.875 min Scan# 1290  
Delta R.T. -0.006 min  
Lab File: BF128532.D  
Acq: 28 May 2022 02:31

Tgt Ion:164 Resp: 454901  
Ion Ratio Lower Upper  
164 100  
162 97.6 79.5 119.3  
160 44.0 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 90.995 ng

RT: 10.669 min Scan# 1426

Delta R.T. -0.006 min

Lab File: BF128532.D

Acq: 28 May 2022 02:31

Instrument :

BNA\_F

ClientSampleId :

P005-SS003-1824-01

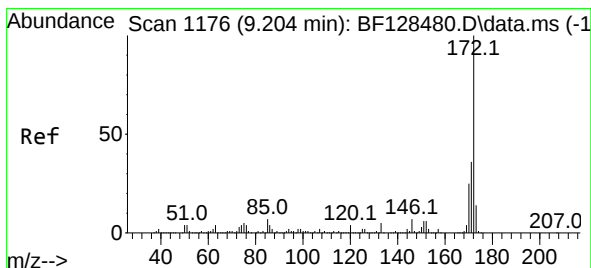
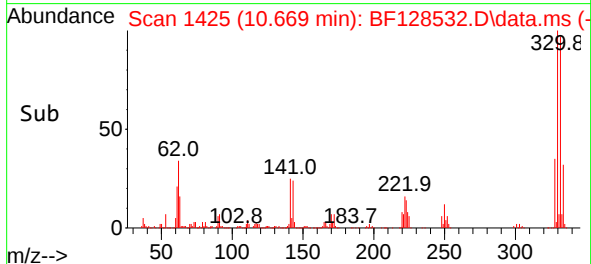
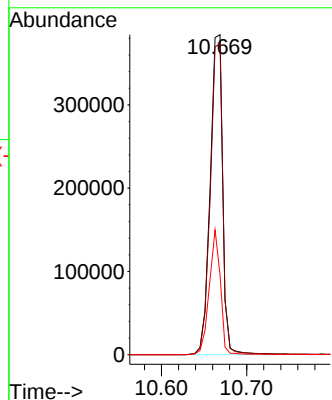
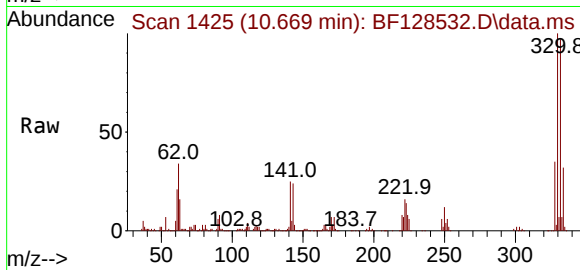
Tgt Ion:330 Resp: 394000

Ion Ratio Lower Upper

330 100

332 96.7 76.8 115.2

141 34.7 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 68.409 ng

RT: 9.198 min Scan# 1175

Delta R.T. -0.006 min

Lab File: BF128532.D

Acq: 28 May 2022 02:31

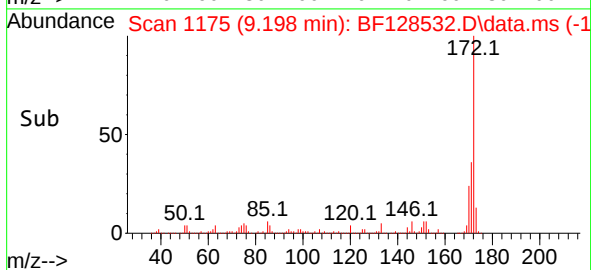
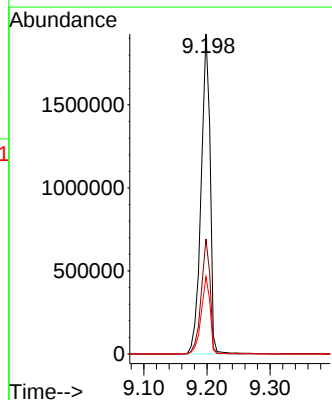
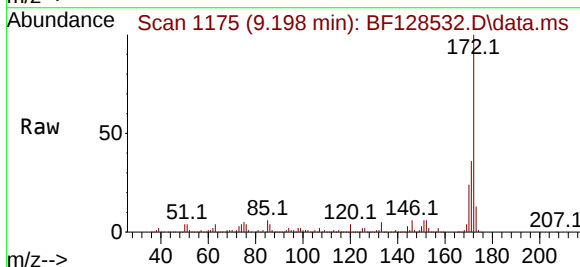
Tgt Ion:172 Resp: 1915446

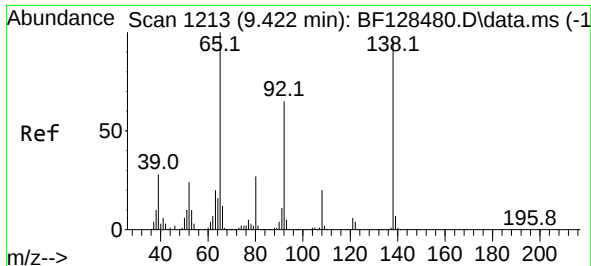
Ion Ratio Lower Upper

172 100

171 35.9 28.8 43.2

170 24.2 19.8 29.8





#48

2-Nitroaniline

Concen: 14.112 ng

RT: 9.322 min Scan# 1196

Delta R.T. -0.100 min

Lab File: BF128532.D

Acq: 28 May 2022 02:31

Instrument :

BNA\_F

ClientSampleId :

P005-SS003-1824-01

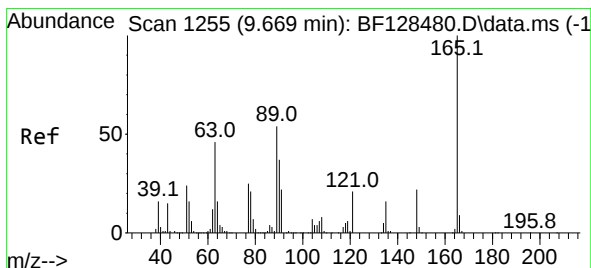
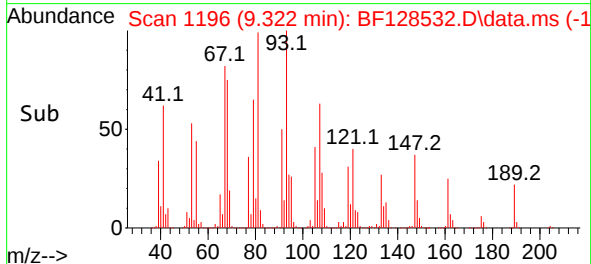
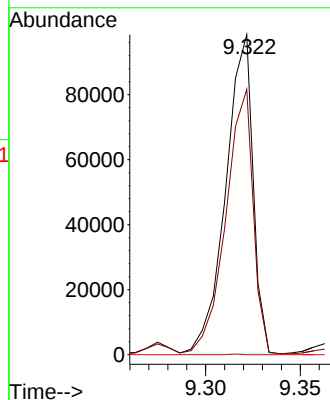
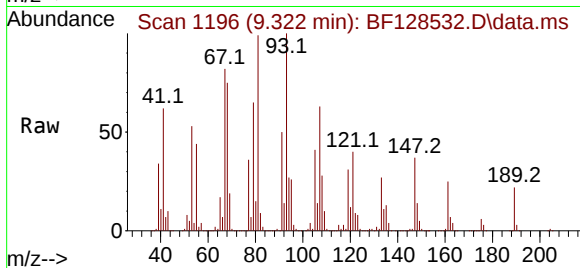
Tgt Ion: 65 Resp: 98399

Ion Ratio Lower Upper

65 100

92 82.9 51.9 77.9#

138 0.0 76.4 114.6#



#51

2,6-Dinitrotoluene

Concen: 10.561 ng

RT: 9.875 min Scan# 1290

Delta R.T. 0.206 min

Lab File: BF128532.D

Acq: 28 May 2022 02:31

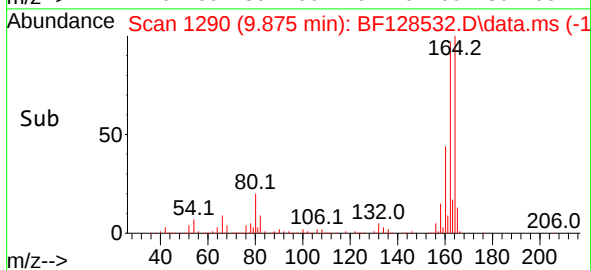
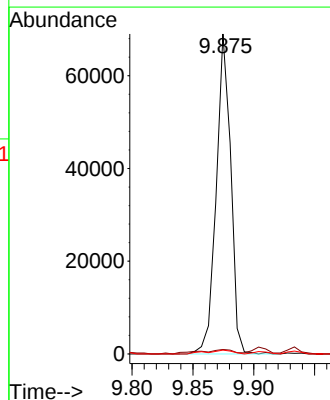
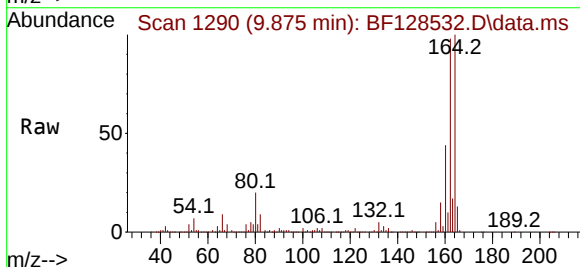
Tgt Ion: 165 Resp: 57111

Ion Ratio Lower Upper

165 100

63 1.4 44.9 67.3#

89 1.2 43.6 65.4#

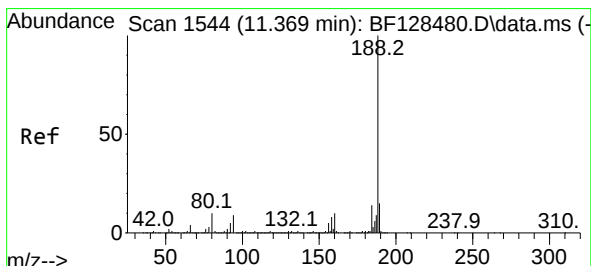
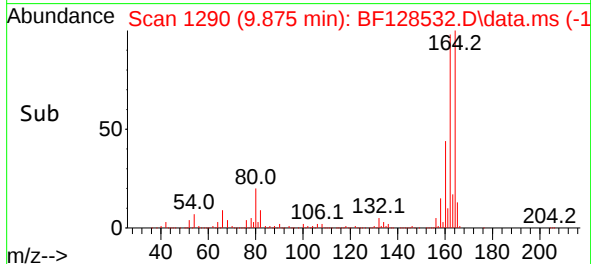
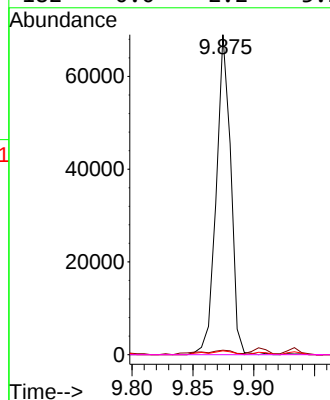
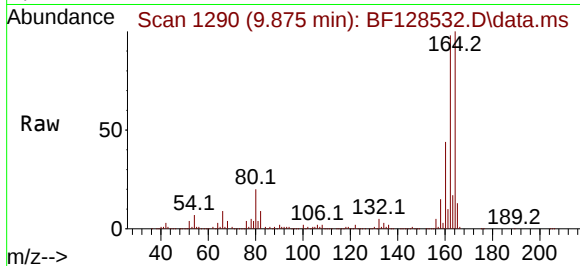




#57  
2,4-Dinitrotoluene  
Concen: 8.827 ng  
RT: 9.875 min Scan# 11  
Delta R.T. -0.194 min  
Lab File: BF128532.D  
Acq: 28 May 2022 02:31

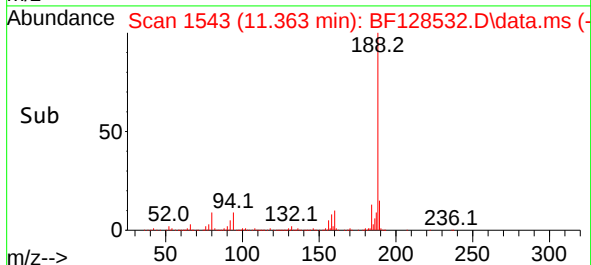
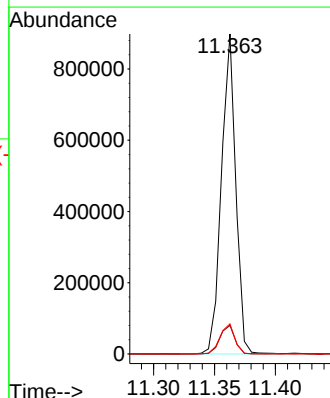
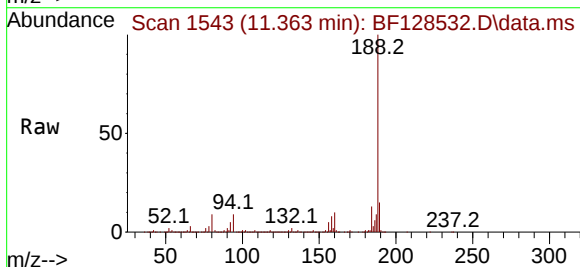
Instrument :  
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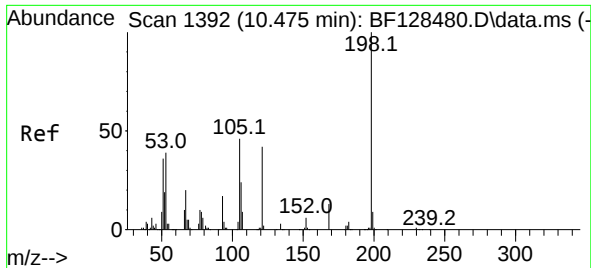
Tgt Ion:165 Resp: 57111  
Ion Ratio Lower Upper  
165 100  
63 1.4 39.8 59.6#  
89 1.2 60.2 90.2#  
182 0.0 2.2 3.2#



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.363 min Scan# 1543  
Delta R.T. -0.006 min  
Lab File: BF128532.D  
Acq: 28 May 2022 02:31

Tgt Ion:188 Resp: 737650  
Ion Ratio Lower Upper  
188 100  
94 8.9 7.0 10.6  
80 9.4 7.6 11.4

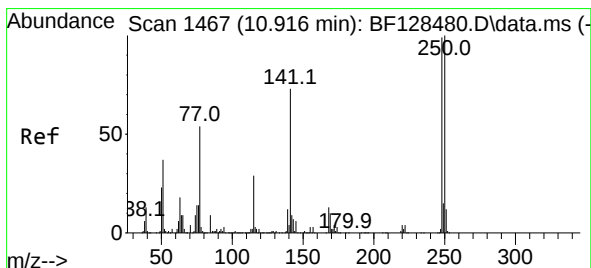
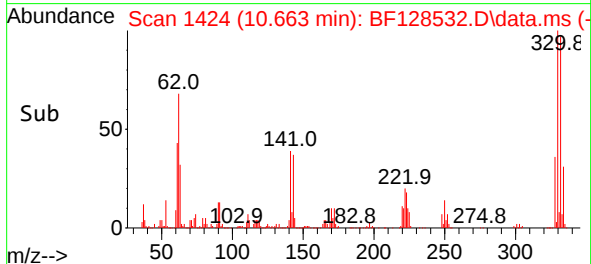
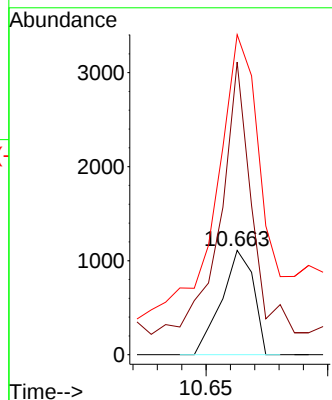
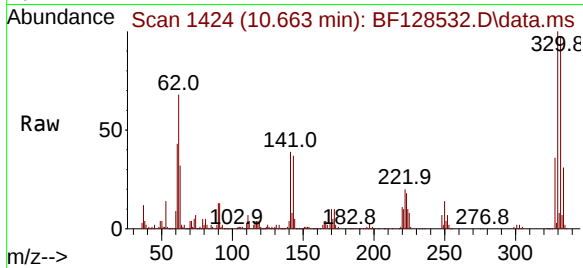




#65  
4,6-Dinitro-2-methylphenol  
Concen: 5.766 ng  
RT: 10.663 min Scan# 1424  
Delta R.T. 0.188 min  
Lab File: BF128532.D  
Acq: 28 May 2022 02:31

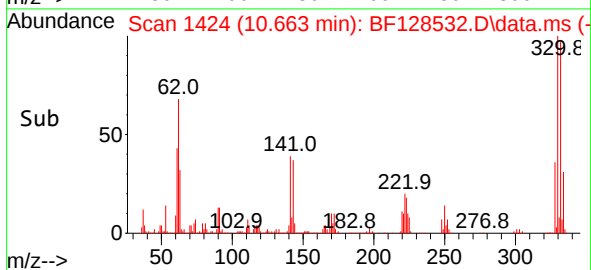
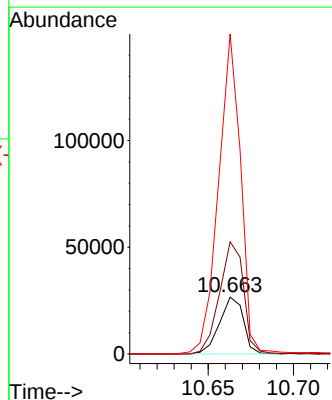
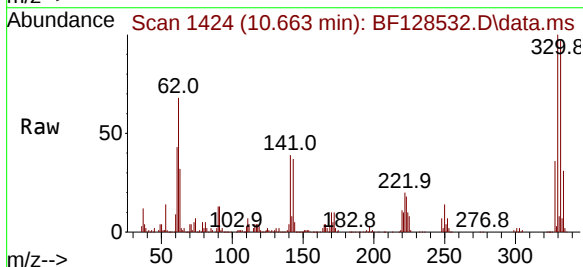
Instrument :  
BNA\_F  
ClientSampleId :  
P005-SS003-1824-01

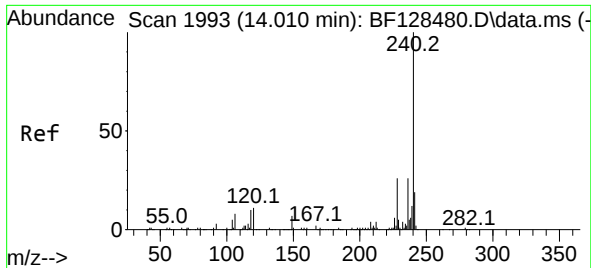
Tgt Ion:198 Resp: 1015  
Ion Ratio Lower Upper  
198 100  
51 280.7 37.6 77.6#  
105 306.9 27.0 67.0#



#67  
4-Bromophenyl-phenylether  
Concen: 3.412 ng  
RT: 10.663 min Scan# 1424  
Delta R.T. -0.253 min  
Lab File: BF128532.D  
Acq: 28 May 2022 02:31

Tgt Ion:248 Resp: 26007  
Ion Ratio Lower Upper  
248 100  
250 197.7 80.6 120.8#  
141 564.0 58.9 88.3#

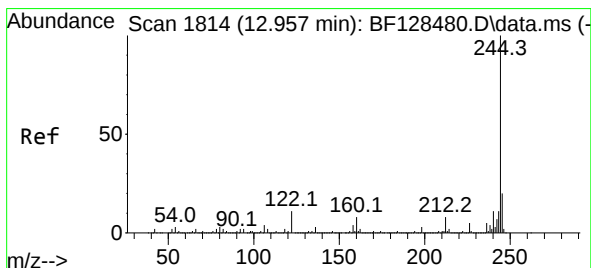
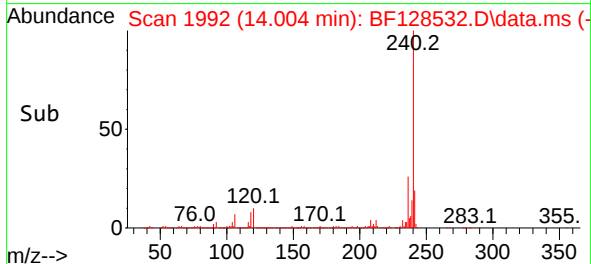
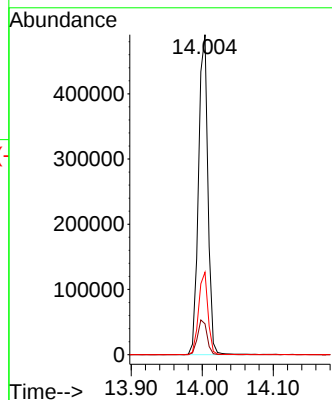
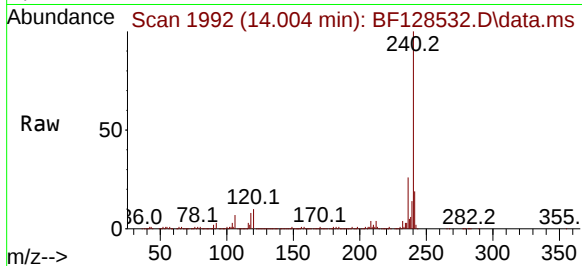




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.004 min Scan# 1993  
Delta R.T. -0.006 min  
Lab File: BF128532.D  
Acq: 28 May 2022 02:31

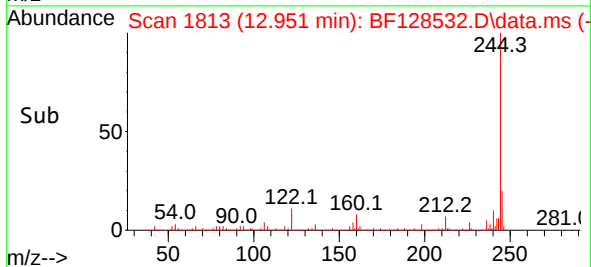
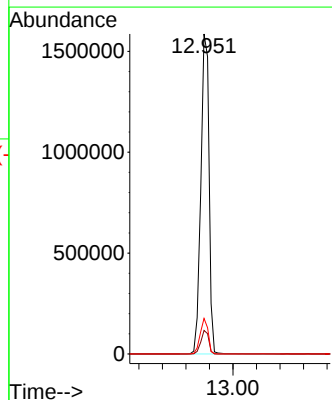
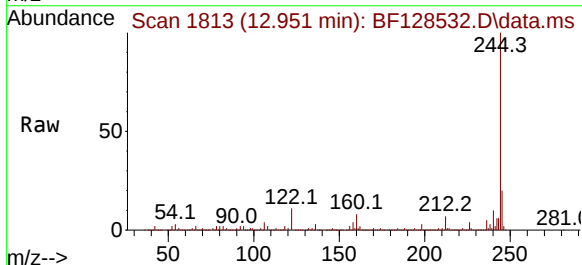
Instrument :  
BNA\_F  
ClientSampleId :  
P005-SS003-1824-01

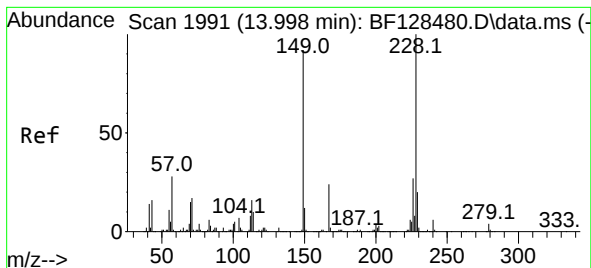
Tgt Ion:240 Resp: 453546  
Ion Ratio Lower Upper  
240 100  
120 9.6 8.9 13.3  
236 25.7 20.8 31.2



#79  
Terphenyl-d14  
Concen: 65.214 ng  
RT: 12.951 min Scan# 1813  
Delta R.T. -0.006 min  
Lab File: BF128532.D  
Acq: 28 May 2022 02:31

Tgt Ion:244 Resp: 1530951  
Ion Ratio Lower Upper  
244 100  
212 7.4 6.1 9.1  
122 11.1 8.8 13.2





#84

Bis(2-ethylhexyl)phthalate

Concen: 3.289 ng

RT: 13.992 min Scan# 1990

Delta R.T. -0.006 min

Lab File: BF128532.D

Acq: 28 May 2022 02:31

Instrument :

BNA\_F

ClientSampleId :

P005-SS003-1824-01

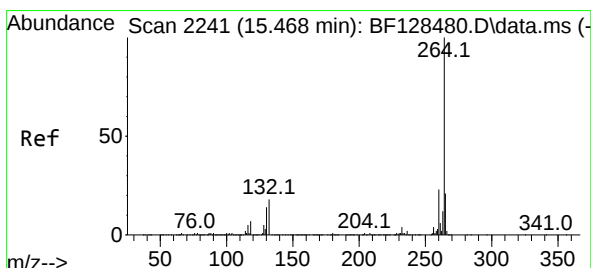
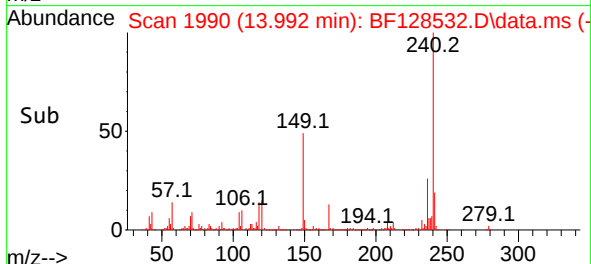
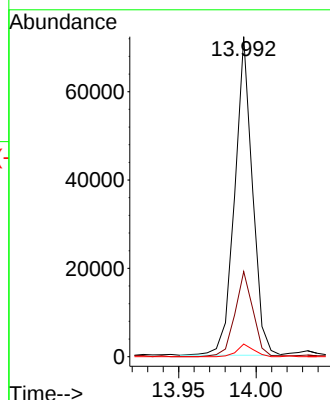
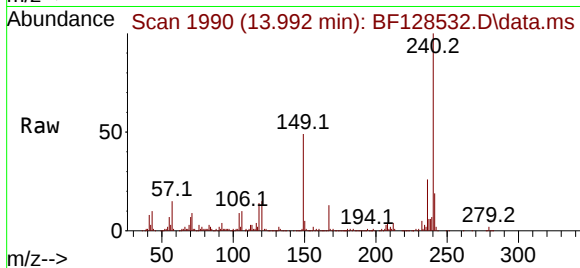
Tgt Ion:149 Resp: 57325

Ion Ratio Lower Upper

149 100

167 26.6 21.0 31.4

279 4.0 3.1 4.7



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.468 min Scan# 2241

Delta R.T. -0.000 min

Lab File: BF128532.D

Acq: 28 May 2022 02:31

Tgt Ion:264 Resp: 440853

Ion Ratio Lower Upper

264 100

260 23.7 18.4 27.6

265 21.0 17.2 25.8

