

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082120\  
 Data File : BN011574.D  
 Acq On : 22 Aug 2020 06:40  
 Operator : CG/JU  
 Sample : L3768-05  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 CS-3

Quant Time: Aug 22 07:52:05 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082120.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Aug 22 04:52:07 2020  
 Response via : Initial Calibration

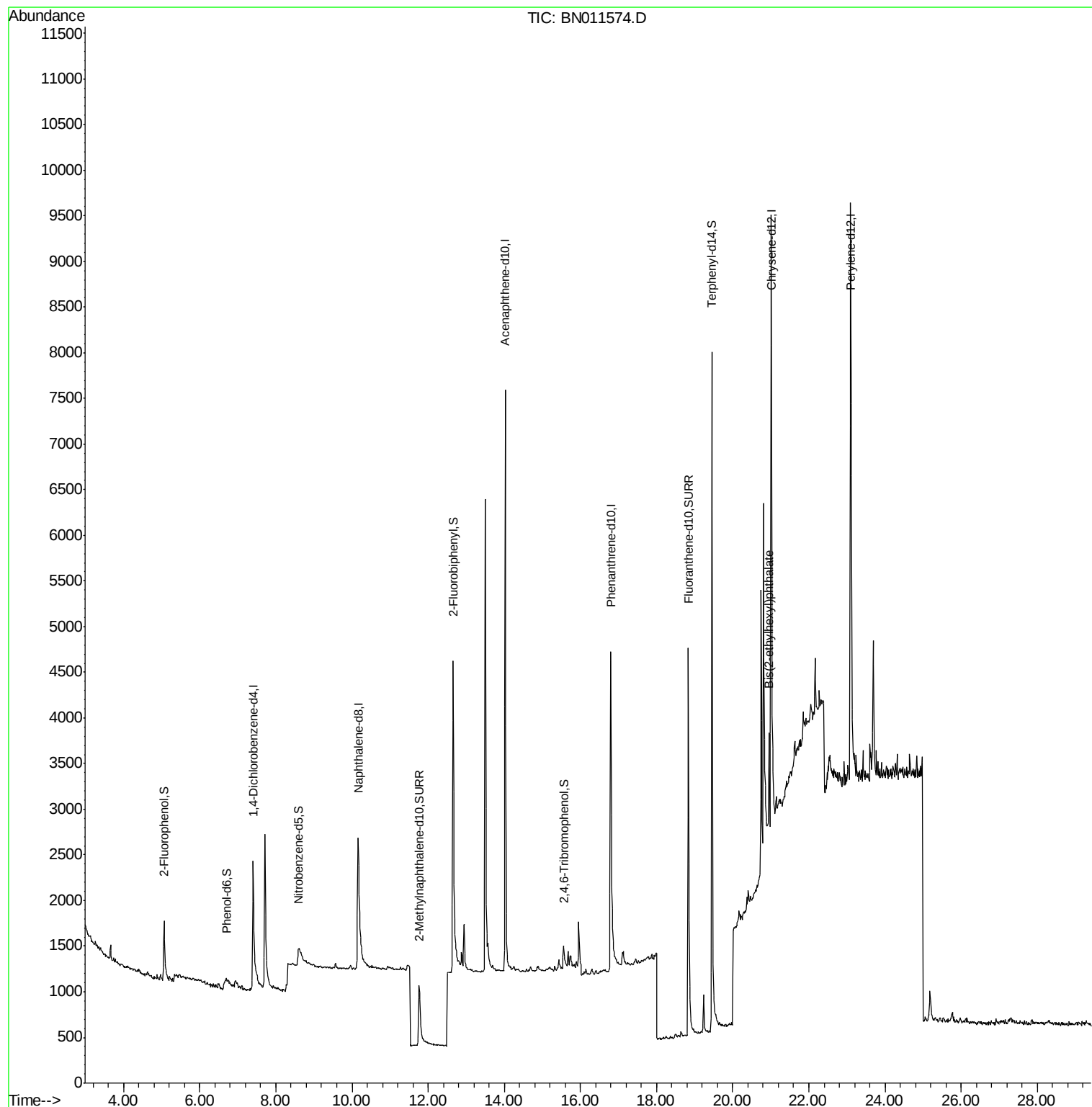
| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4      | 7.40  | 152  | 1390     | 0.40  | ng    | 0.00     |
| 7) Naphthalene-d8              | 10.16 | 136  | 4846     | 0.40  | ng    | 0.01     |
| 13) Acenaphthene-d10           | 14.03 | 164  | 3876     | 0.40  | ng    | 0.00     |
| 19) Phenanthrene-d10           | 16.80 | 188  | 8469     | 0.40  | ng    | 0.01     |
| 29) Chrysene-d12               | 21.01 | 240  | 9161     | 0.40  | ng    | 0.00     |
| 36) Perylene-d12               | 23.10 | 264  | 9620     | 0.40  | ng    | -0.01    |
| System Monitoring Compounds    |       |      |          |       |       |          |
| 4) 2-Fluorophenol              | 5.07  | 112  | 913      | 0.31  | ng    | 0.00     |
| 5) Phenol-d6                   | 6.69  | 99   | 453      | 0.15  | ng    | 0.06     |
| 8) Nitrobenzene-d5             | 8.60  | 82   | 709      | 0.22  | ng    | 0.05     |
| 11) 2-Methylnaphthalene-d10    | 11.77 | 152  | 2011     | 0.23  | ng    | 0.02     |
| 14) 2,4,6-Tribromophenol       | 15.56 | 330  | 409      | 0.21  | ng    | 0.01     |
| 15) 2-Fluorobiphenyl           | 12.66 | 172  | 4973     | 0.31  | ng    | 0.00     |
| 27) Fluoranthene-d10           | 18.83 | 212  | 6835     | 0.24  | ng    | 0.00     |
| 31) Terphenyl-d14              | 19.45 | 244  | 10288    | 0.43  | ng    | 0.00     |
| Target Compounds               |       |      |          |       |       | Qvalue   |
| 34) Bis(2-ethylhexyl)phthalate | 20.95 | 149  | 1091     | 0.082 | ng    | # 94     |

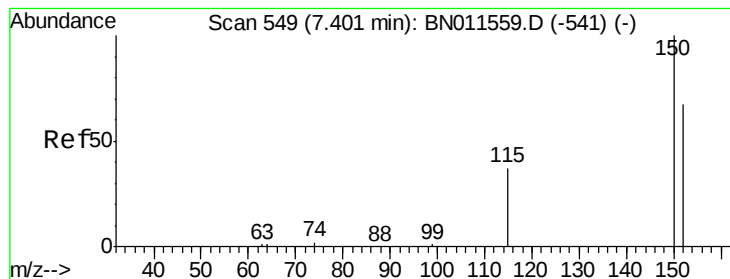
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082120\  
Data File : BN011574.D  
Acq On : 22 Aug 2020 06:40  
Operator : CG/JU  
Sample : L3768-05  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
CS-3

Quant Time: Aug 22 07:52:05 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082120.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sat Aug 22 04:52:07 2020  
Response via : Initial Calibration



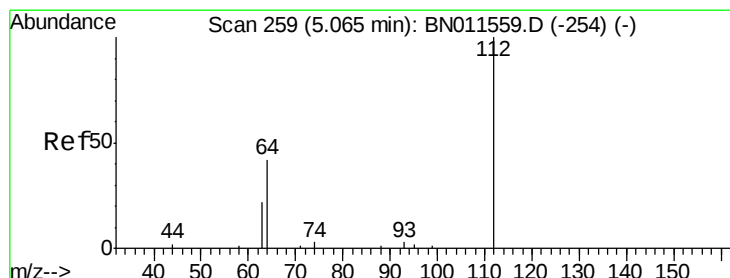
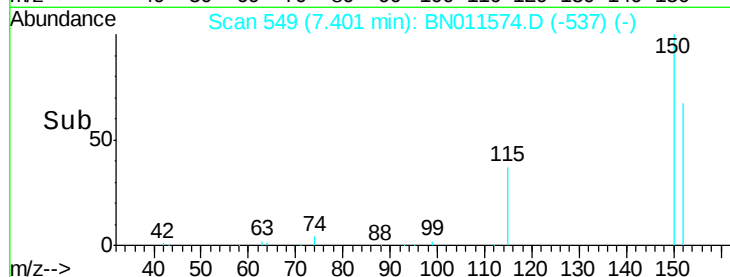
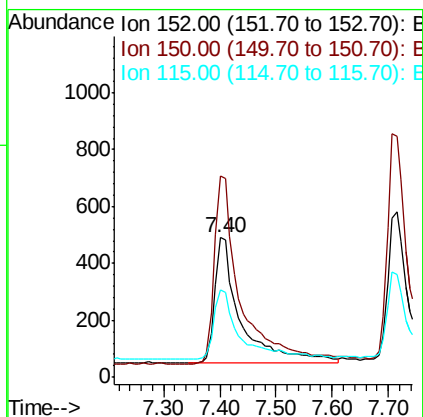
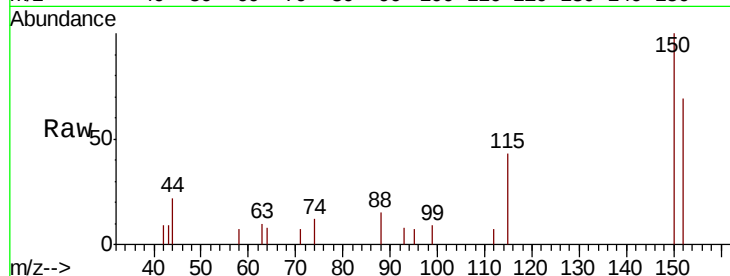


#1

1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.40 min Scan# 549  
Delta R.T. 0.00 min  
Lab File: BN011574.D  
Acq: 22 Aug 2020 06:40

Instrument :  
BNA\_N  
ClientSampleId :  
CS-3

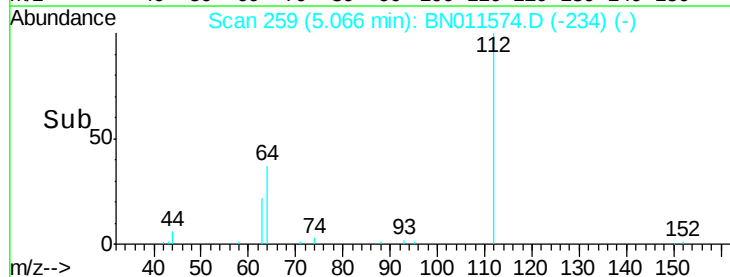
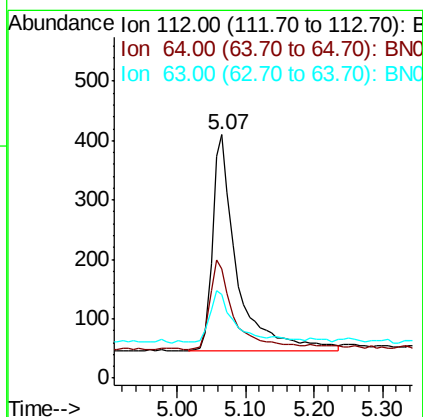
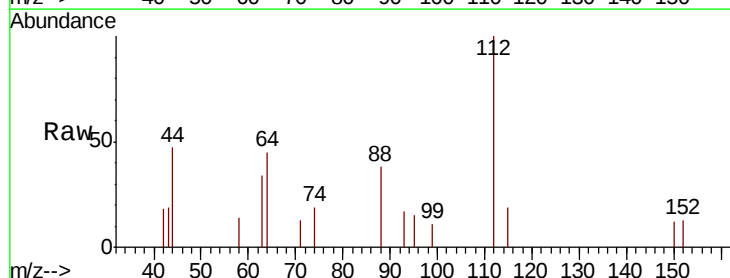
Tot Ion:152 Resp: 1390  
Ion Ratio Lower Upper  
152 100  
150 144.3 117.1 175.7  
115 62.7 48.7 73.1

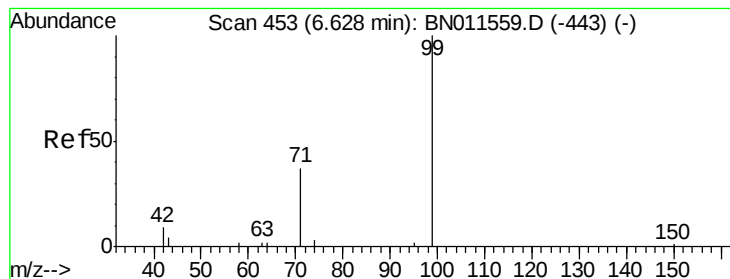


#4

2-Fluorophenol  
Concen: 0.308 ng  
RT: 5.07 min Scan# 259  
Delta R.T. 0.00 min  
Lab File: BN011574.D  
Acq: 22 Aug 2020 06:40

Tgt Ion:112 Resp: 913  
Ion Ratio Lower Upper  
112 100  
64 40.5 33.9 50.9  
63 21.8 17.7 26.5





#5

Phenol-d6

Concen: 0.151 ng

RT: 6.69 min Scan# 461

Delta R.T. 0.06 min

Lab File: BN011574.D

Acq: 22 Aug 2020 06:40

Instrument :

BNA\_N

ClientSampled :

CS-3

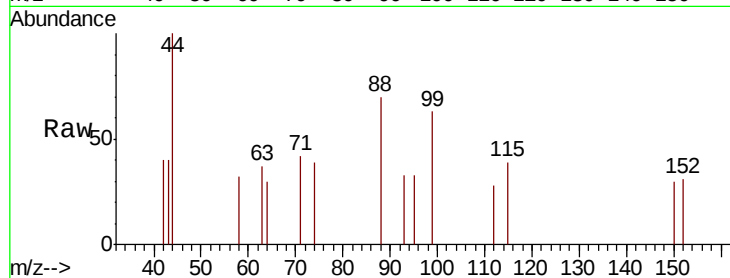
Tot Ion: 99 Resp: 453

Ion Ratio Lower Upper

99 100

42 1.3 9.0 13.4#

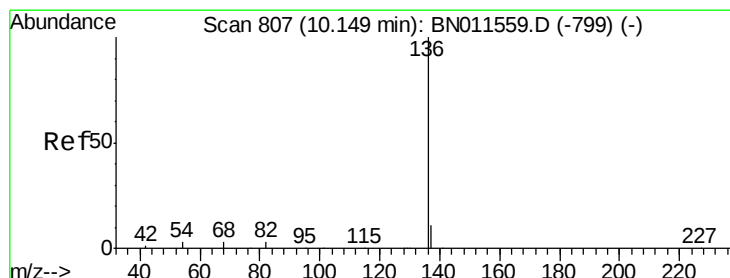
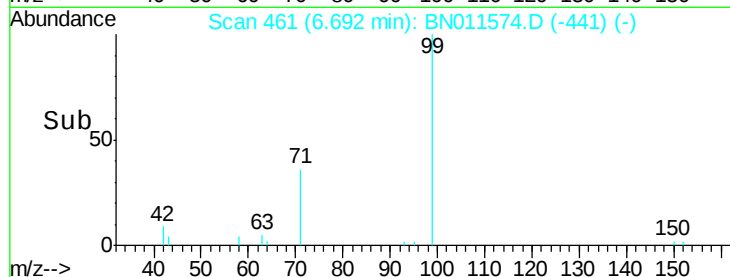
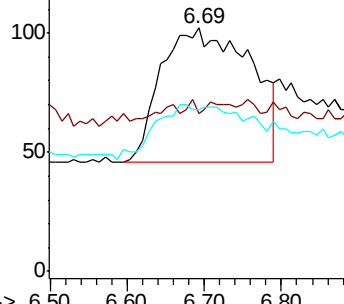
71 0.0 30.4 45.6#



Abundance Ion 99.00 (98.70 to 99.70): BN011559.D (-443) (-)

Ion 42.00 (41.70 to 42.70): BN011559.D (-443) (-)

Ion 71.00 (70.70 to 71.70): BN011559.D (-443) (-)



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.16 min Scan# 808

Delta R.T. 0.01 min

Lab File: BN011574.D

Acq: 22 Aug 2020 06:40

Tgt Ion: 136 Resp: 4846

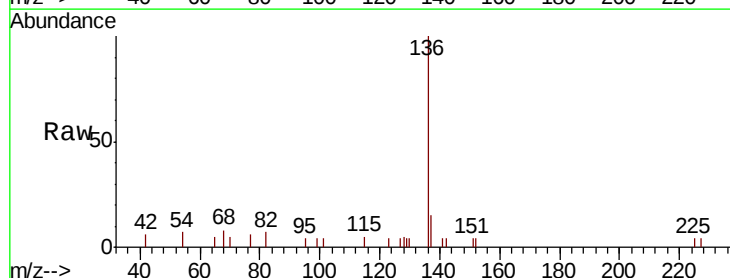
Ion Ratio Lower Upper

136 100

137 14.5 11.0 16.4

54 7.1 4.3 6.5#

68 7.7 4.9 7.3#

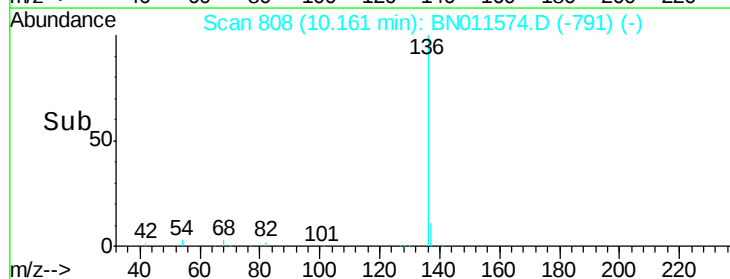
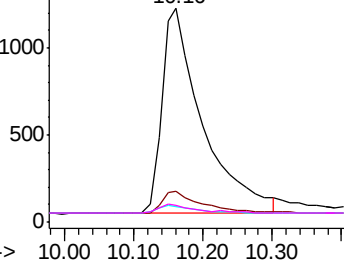


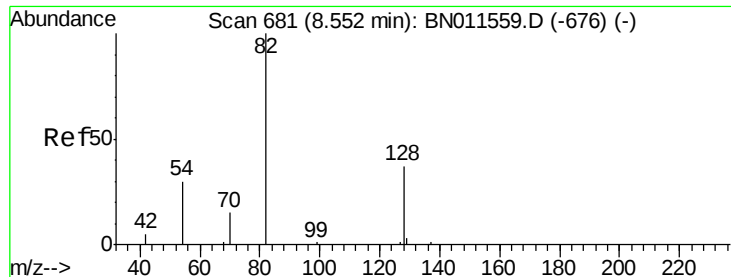
Abundance Ion 136.00 (135.70 to 136.70): BN011559.D (-799) (-)

Ion 137.00 (136.70 to 137.70): BN011559.D (-799) (-)

Ion 54.00 (53.70 to 54.70): BN011559.D (-799) (-)

Ion 68.00 (67.70 to 68.70): BN011559.D (-799) (-)





#8

Nitrobenzene-d5

Concen: 0.223 ng

RT: 8.60 min Scan# 685

Delta R.T. 0.05 min

Lab File: BN011574.D

Acq: 22 Aug 2020 06:40

Instrument :

BNA\_N

ClientSampleId :

CS-3

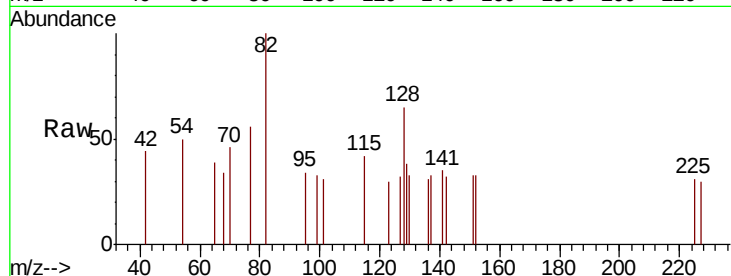
Tot Ion: 82 Resp: 709

Ion Ratio Lower Upper

82 100

128 64.7 41.7 62.5#

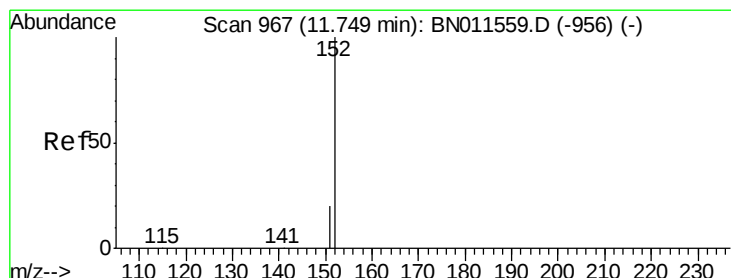
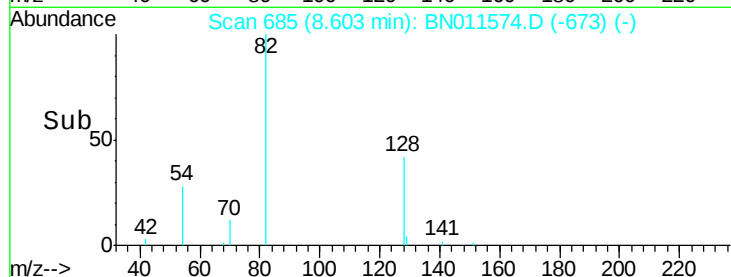
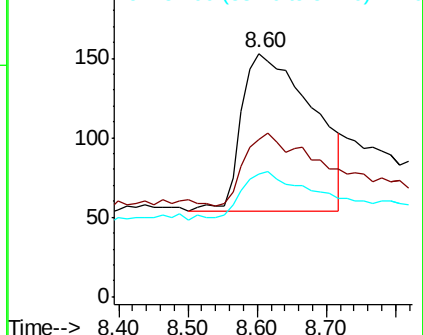
54 50.3 34.4 51.6



Abundance Ion 82.00 (81.70 to 82.70): BN0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BN0



#11

2-Methylnaphthalene-d10

Concen: 0.232 ng

RT: 11.77 min Scan# 971

Delta R.T. 0.02 min

Lab File: BN011574.D

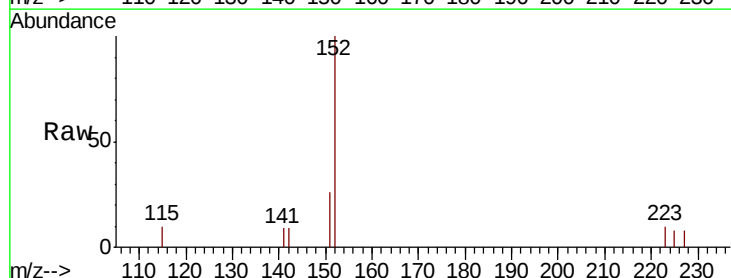
Acq: 22 Aug 2020 06:40

Tgt Ion: 152 Resp: 2011

Ion Ratio Lower Upper

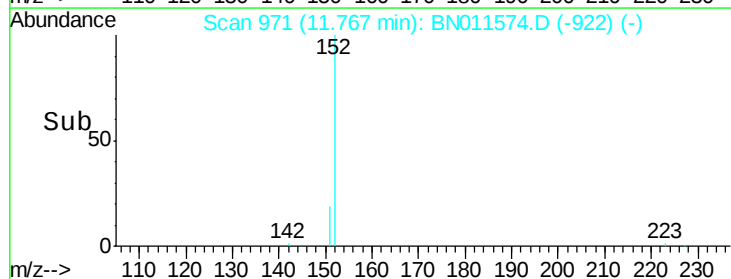
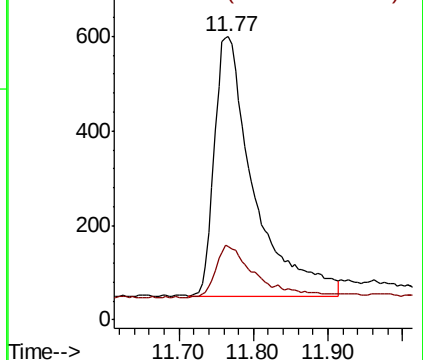
152 100

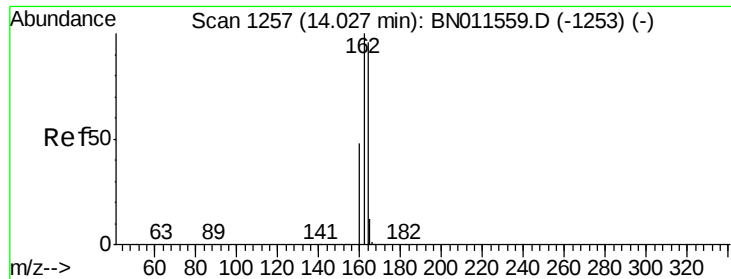
151 20.5 16.6 24.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.03 min Scan# 1257

Delta R.T. 0.00 min

Lab File: BN011574.D

Acq: 22 Aug 2020 06:40

Instrument :

BNA\_N

ClientSampleId :

CS-3

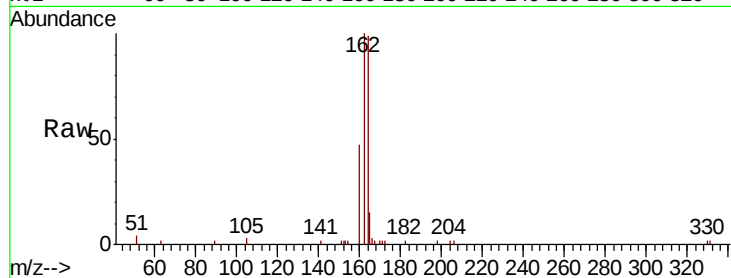
Tot Ion:164 Resp: 3876

Ion Ratio Lower Upper

164 100

162 101.5 83.7 125.5

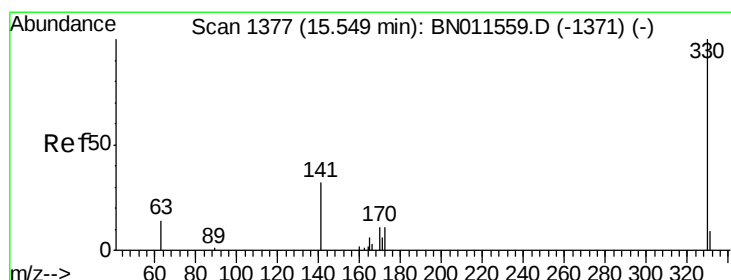
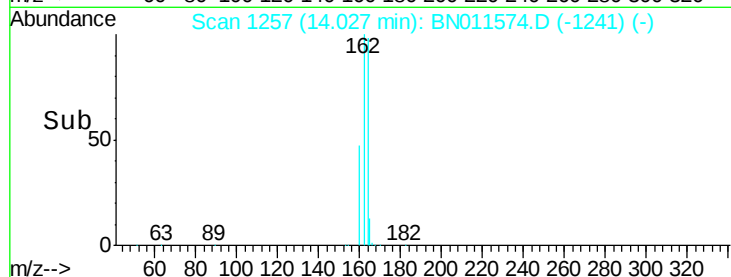
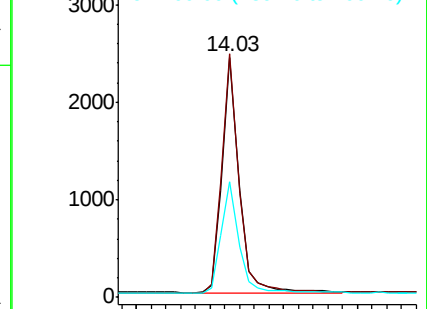
160 48.2 41.1 61.7



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 0.212 ng

RT: 15.56 min Scan# 1378

Delta R.T. 0.01 min

Lab File: BN011574.D

Acq: 22 Aug 2020 06:40

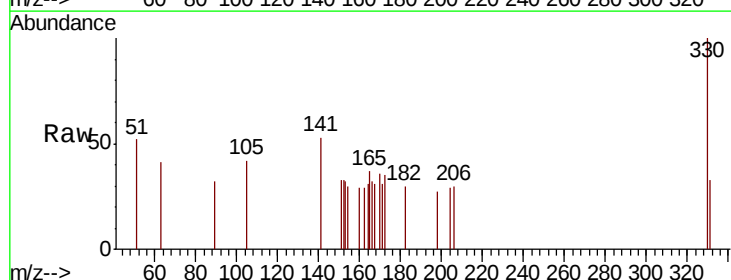
Tgt Ion:330 Resp: 409

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

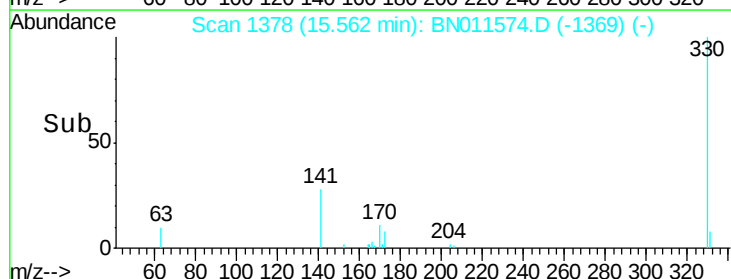
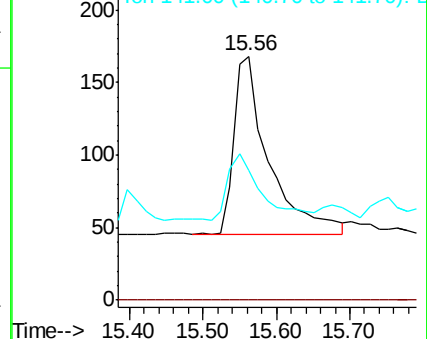
141 33.5 34.6 52.0#

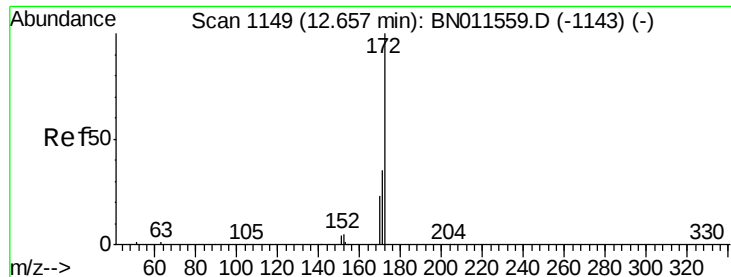


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

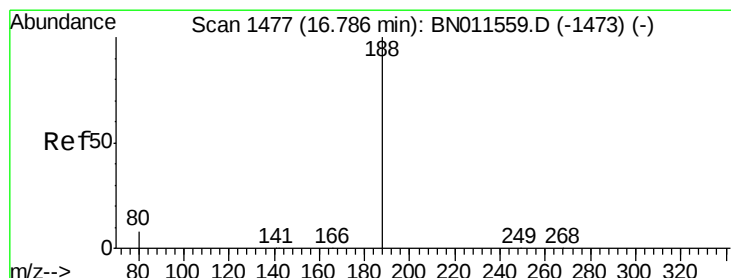
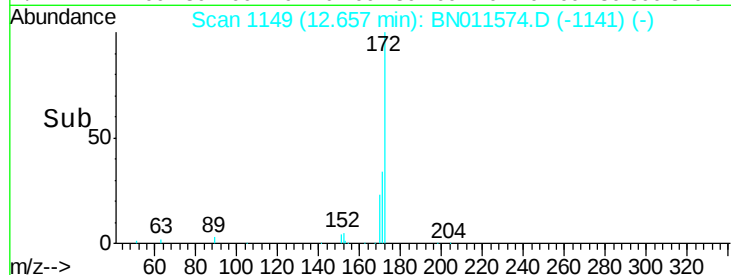
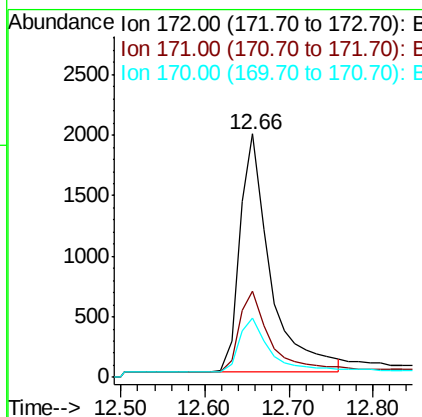
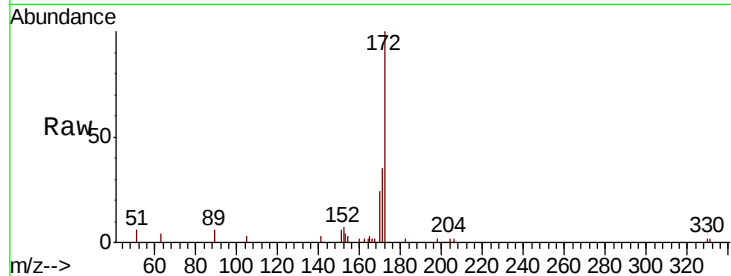




#15  
2-Fluorobiphenyl  
Concen: 0.312 ng  
RT: 12.66 min Scan# 1149  
Delta R.T. 0.00 min  
Lab File: BN011574.D  
Acq: 22 Aug 2020 06:40

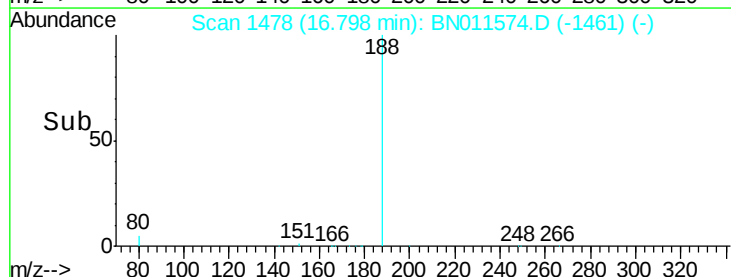
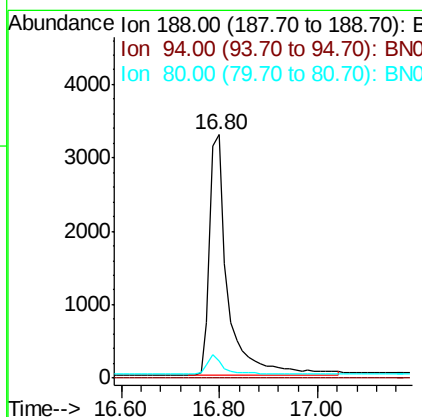
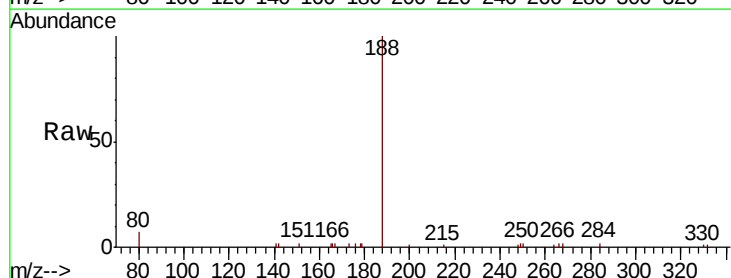
Instrument :  
BNA\_N  
ClientSampled :  
CS-3

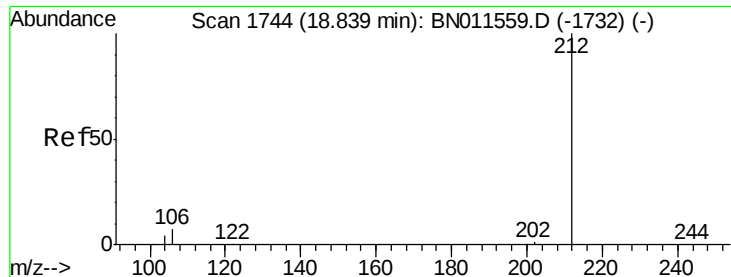
Tot Ion:172 Resp: 4973  
Ion Ratio Lower Upper  
172 100  
171 35.3 29.4 44.0  
170 24.3 20.1 30.1



#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 16.80 min Scan# 1478  
Delta R.T. 0.01 min  
Lab File: BN011574.D  
Acq: 22 Aug 2020 06:40

Tgt Ion:188 Resp: 8469  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 6.9 7.6 11.4#

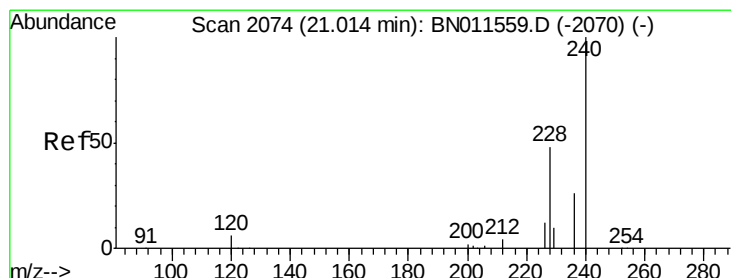
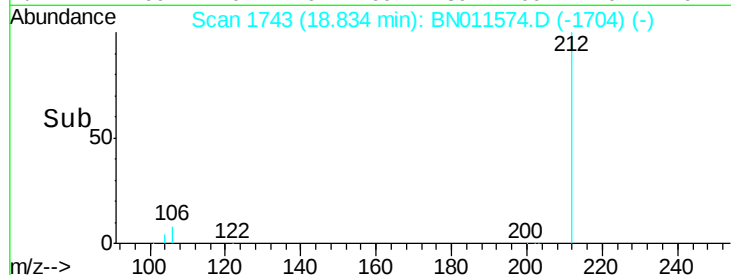
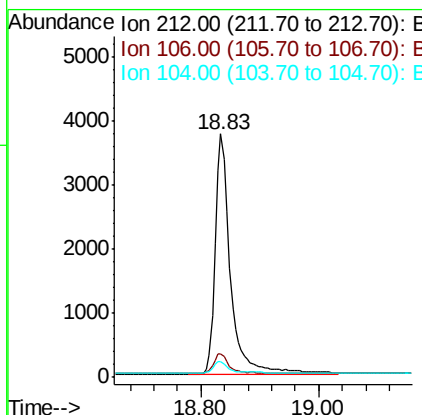
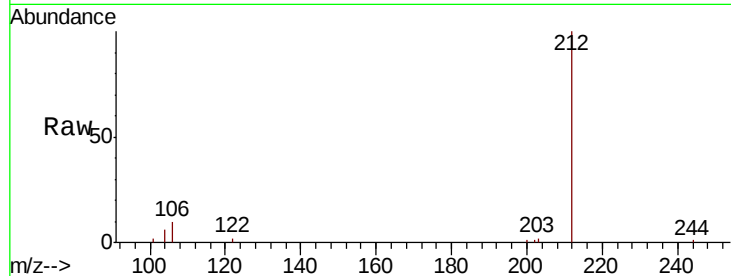




#27  
 Fluoranthene-d10  
 Concen: 0.240 ng  
 RT: 18.83 min Scan# 1743  
 Delta R.T. -0.00 min  
 Lab File: BN011574.D  
 Acq: 22 Aug 2020 06:40

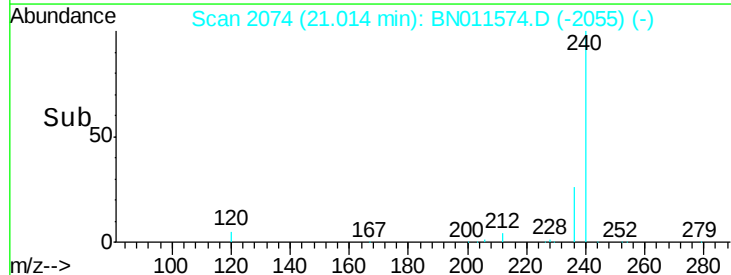
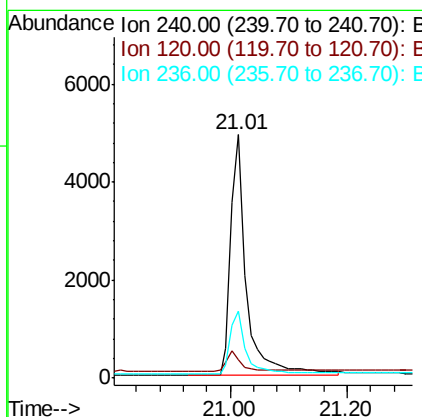
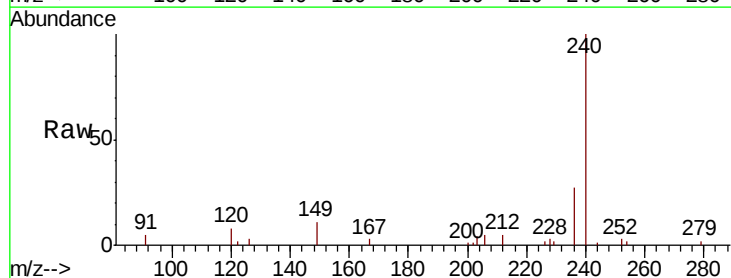
Instrument :  
 BNA\_N  
 ClientSampleId :  
 CS-3

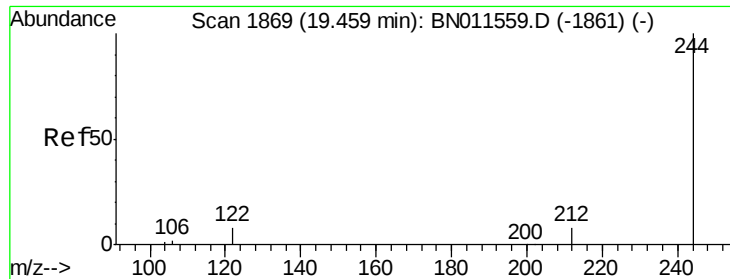
Tot Ion:212 Resp: 6835  
 Ion Ratio Lower Upper  
 212 100  
 106 8.0 6.2 9.2  
 104 4.4 3.8 5.6



#29  
 Chrysene-d12  
 Concen: 0.400 ng  
 RT: 21.01 min Scan# 2074  
 Delta R.T. 0.00 min  
 Lab File: BN011574.D  
 Acq: 22 Aug 2020 06:40

Tgt Ion:240 Resp: 9161  
 Ion Ratio Lower Upper  
 240 100  
 120 7.7 7.4 11.0  
 236 27.3 22.3 33.5





#31

Terphenyl-d14

Concen: 0.431 ng

RT: 19.45 min Scan# 1868

Delta R.T. -0.00 min

Lab File: BN011574.D

Acq: 22 Aug 2020 06:40

Instrument :

BNA\_N

ClientSampleId :

CS-3

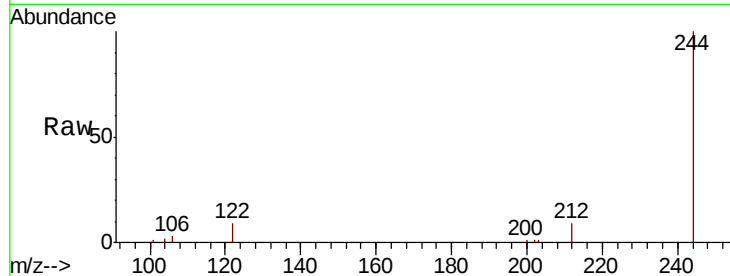
Tot Ion:244 Resp: 10288

Ion Ratio Lower Upper

244 100

212 8.6 8.2 12.4

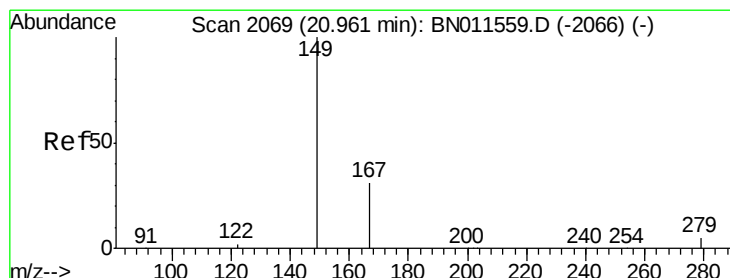
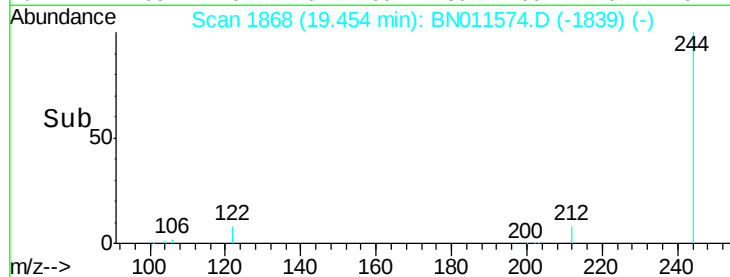
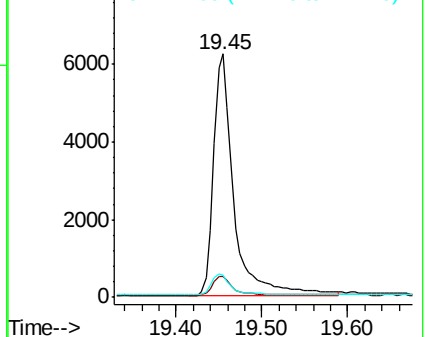
122 9.0 8.0 12.0



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.082 ng

RT: 20.95 min Scan# 2068

Delta R.T. -0.01 min

Lab File: BN011574.D

Acq: 22 Aug 2020 06:40

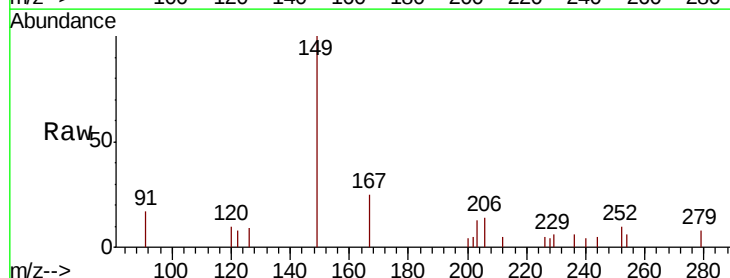
Tgt Ion:149 Resp: 1091

Ion Ratio Lower Upper

149 100

167 25.0 22.8 34.2

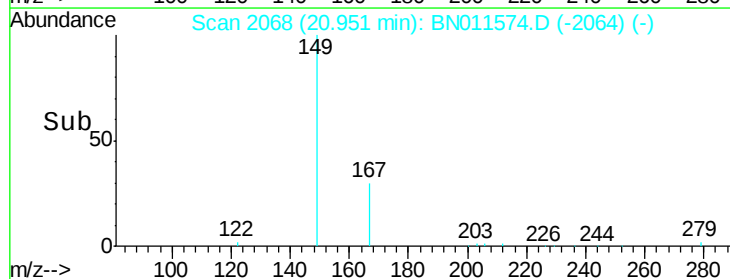
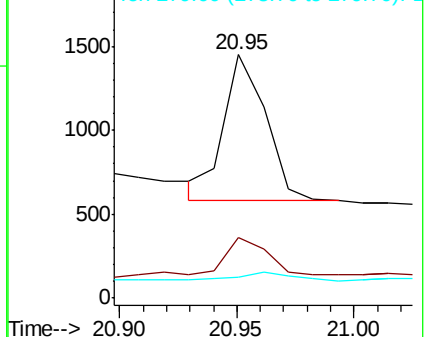
279 7.0 4.2 6.2#

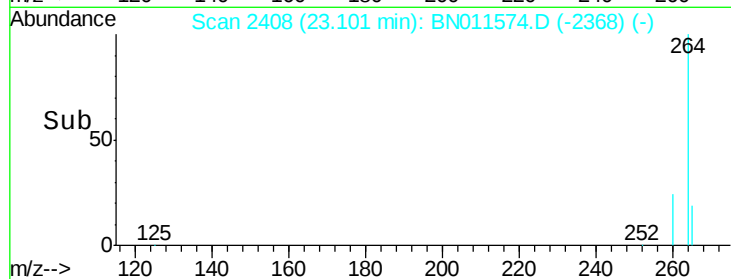
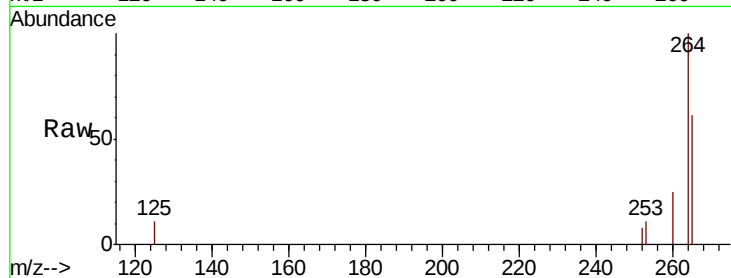
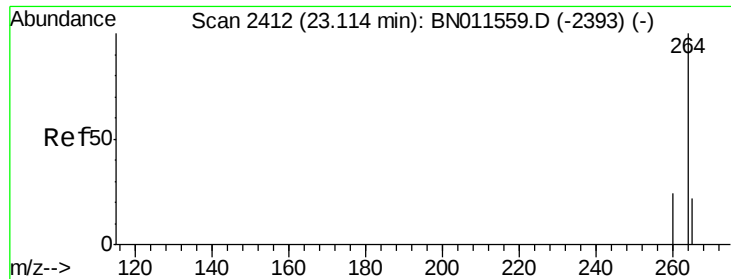


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#36

Pervlene-d12

Concen: 0.400 ng

RT: 23.10 min Scan# 2408

Delta R.T. -0.01 min

Lab File: BN011574.D

Acq: 22 Aug 2020 06:40

Instrument :

BNA\_N

ClientSampleId :

CS-3

Tot Ion:264 Resp: 9620

Ion Ratio Lower Upper

264 100

260 25.5 20.3 30.5

265 60.9 96.1 144.1#

