

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061720\  
 Data File : BN010948.D  
 Acq On : 17 Jun 2020 19:35  
 Operator : CG/JU  
 Sample : L3020-10  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 MW-24

Quant Time: Jun 18 08:25:05 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jun 17 13:14:12 2020  
 Response via : Initial Calibration

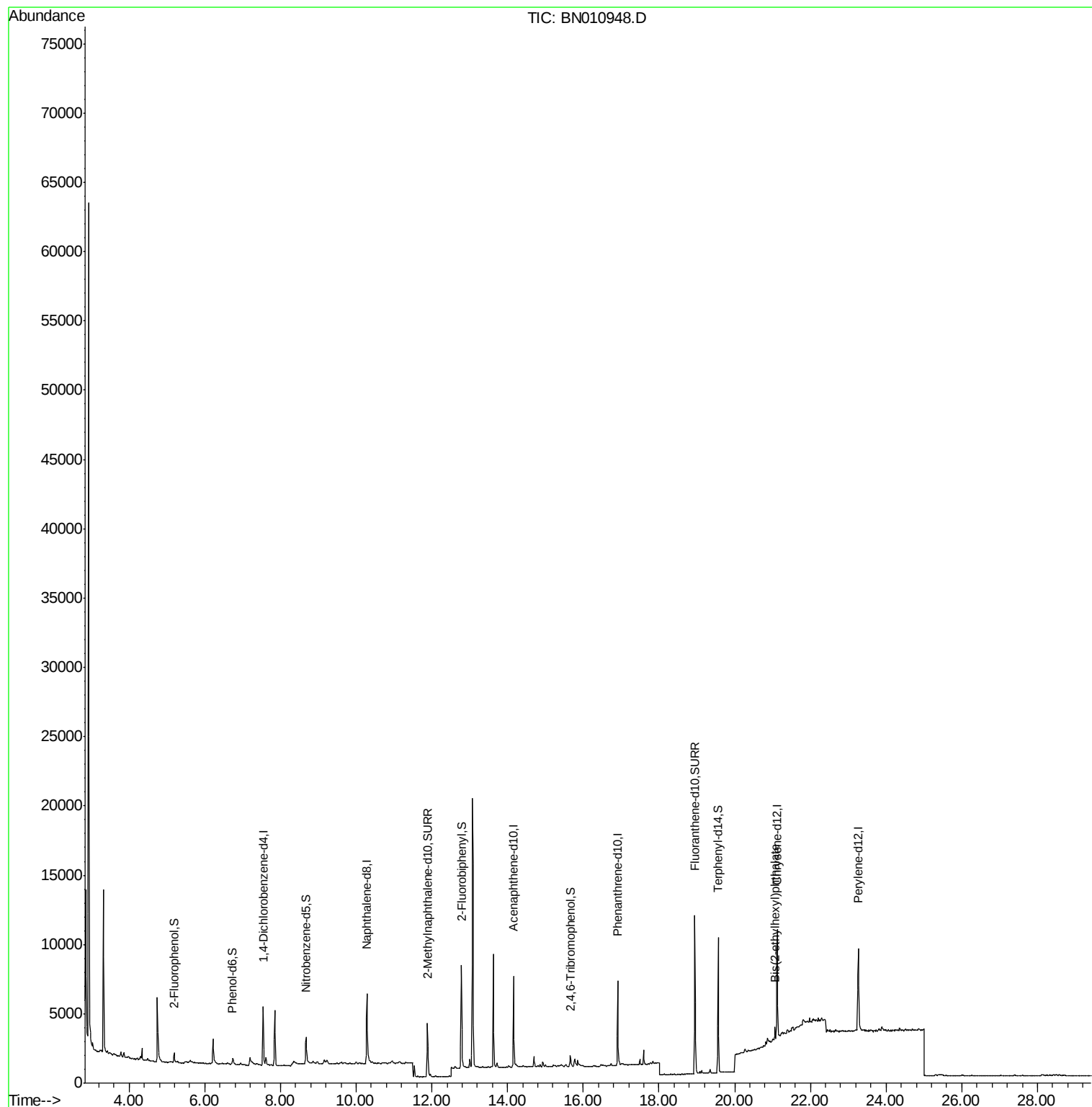
| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4      | 7.54  | 152  | 2212     | 0.40  | ng    | 0.00     |
| 7) Naphthalene-d8              | 10.29 | 136  | 7556     | 0.40  | ng    | 0.00     |
| 13) Acenaphthene-d10           | 14.16 | 164  | 4296     | 0.40  | ng    | 0.00     |
| 19) Phenanthrene-d10           | 16.91 | 188  | 8987     | 0.40  | ng    | 0.00     |
| 27) Chrysene-d12               | 21.12 | 240  | 8563     | 0.40  | ng    | 0.00     |
| 34) Perylene-d12               | 23.26 | 264  | 8103     | 0.40  | ng    | 0.00     |
| System Monitoring Compounds    |       |      |          |       |       |          |
| 4) 2-Fluorophenol              | 5.19  | 112  | 746      | 0.17  | ng    | 0.00     |
| 5) Phenol-d6                   | 6.74  | 99   | 540      | 0.11  | ng    | 0.00     |
| 8) Nitrobenzene-d5             | 8.68  | 82   | 2343     | 0.42  | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10    | 11.89 | 152  | 5257     | 0.45  | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol       | 15.66 | 330  | 598      | 0.39  | ng    | -0.02    |
| 15) 2-Fluorobiphenyl           | 12.78 | 172  | 7311     | 0.43  | ng    | 0.00     |
| 25) Fluoranthene-d10           | 18.95 | 212  | 13454    | 0.54  | ng    | 0.00     |
| 29) Terphenyl-d14              | 19.56 | 244  | 10349    | 0.52  | ng    | 0.00     |
| Target Compounds               |       |      |          |       |       | Qvalue   |
| 32) Bis(2-ethylhexyl)phthalate | 21.06 | 149  | 831      | 0.099 | ng    | 92       |

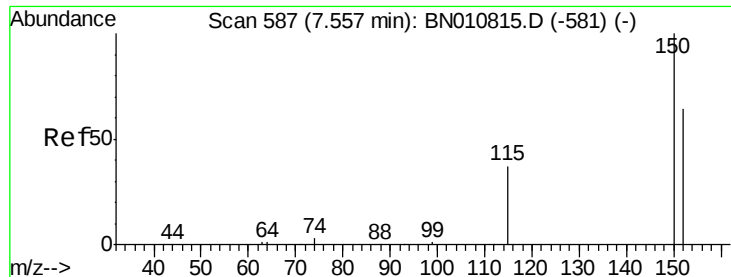
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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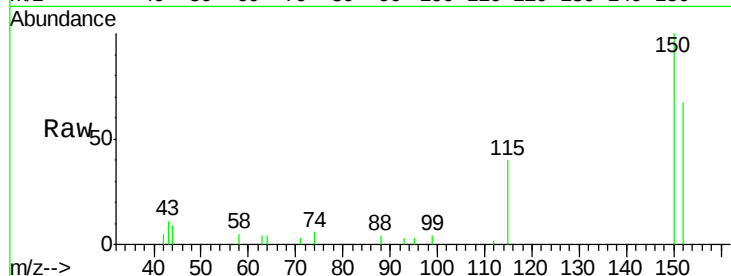


#1

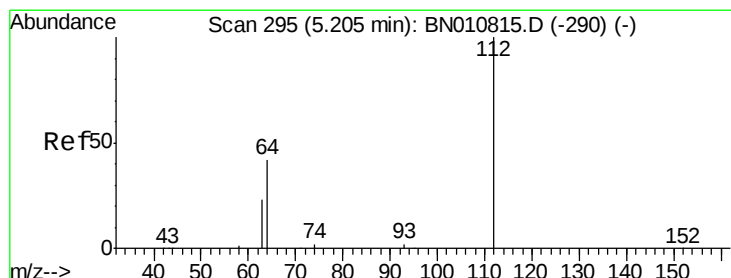
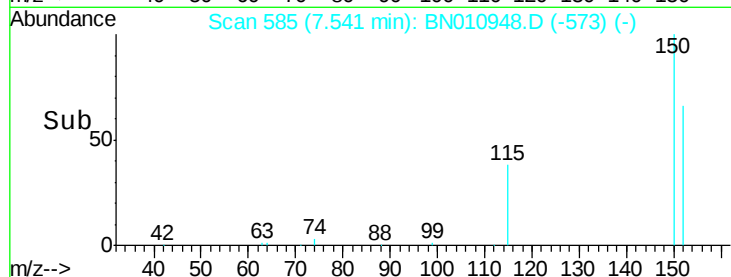
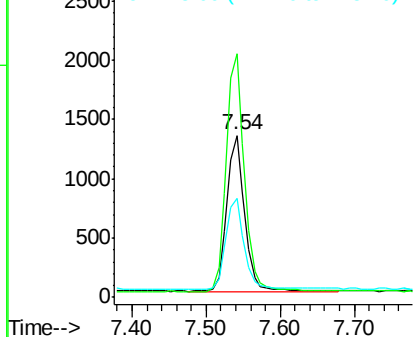
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.54 min Scan# 585  
Delta R.T. -0.00 min  
Lab File: BN010948.D  
Acq: 17 Jun 2020 19:35

Instrument :  
BNA\_N  
ClientSampled :  
MW-24

Tot Ion:152 Resp: 2212  
Ion Ratio Lower Upper  
152 100  
150 150.0 123.8 185.6  
115 60.7 49.2 73.8



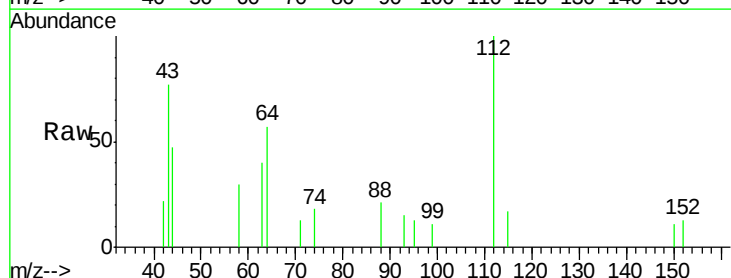
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



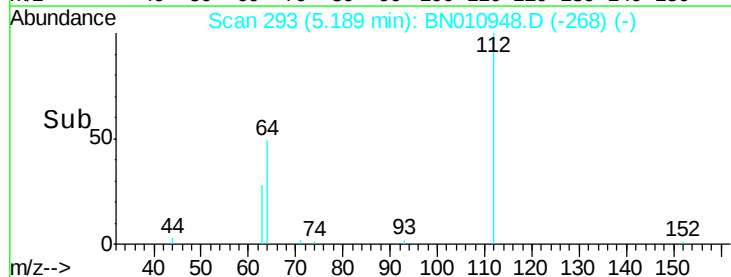
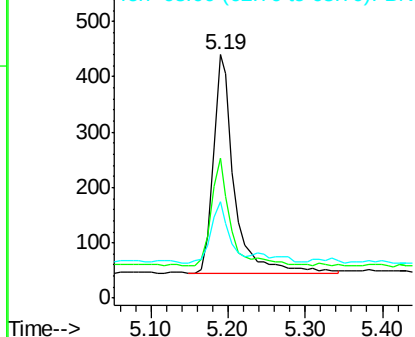
#4

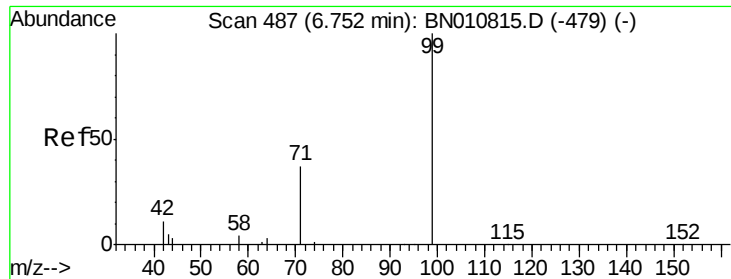
2-Fluorophenol  
Concen: 0.175 ng  
RT: 5.19 min Scan# 293  
Delta R.T. -0.00 min  
Lab File: BN010948.D  
Acq: 17 Jun 2020 19:35

Tgt Ion:112 Resp: 746  
Ion Ratio Lower Upper  
112 100  
64 46.5 37.4 56.0  
63 24.3 22.2 33.4



Abundance Ion 112.00 (111.70 to 112.70): E  
Ion 64.00 (63.70 to 64.70): BNC  
Ion 63.00 (62.70 to 63.70): BNC





#5

Phenol-d6

Concen: 0.107 ng

RT: 6.74 min Scan# 485

Delta R.T. -0.00 min

Lab File: BN010948.D

Acq: 17 Jun 2020 19:35

Instrument :

BNA\_N

ClientSampleId :

MW-24

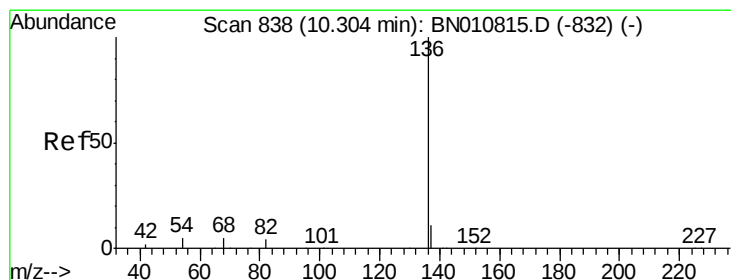
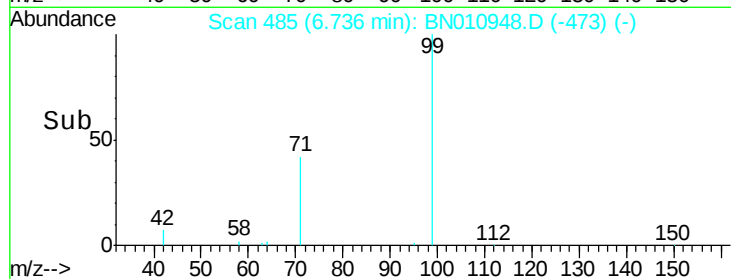
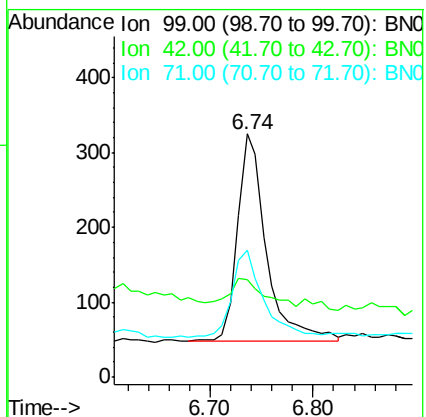
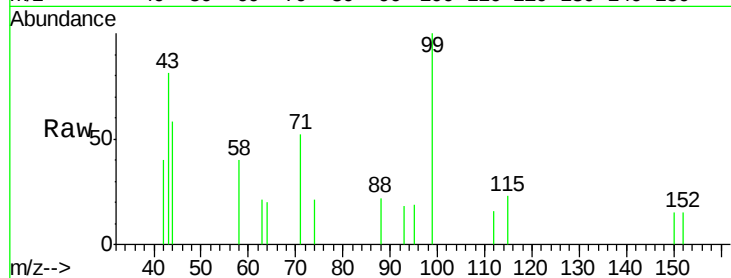
Tot Ion: 99 Resp: 540

Ion Ratio Lower Upper

99 100

42 15.2 11.1 16.7

71 44.3 31.4 47.2



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.29 min Scan# 837

Delta R.T. -0.00 min

Lab File: BN010948.D

Acq: 17 Jun 2020 19:35

Tgt Ion: 136 Resp: 7556

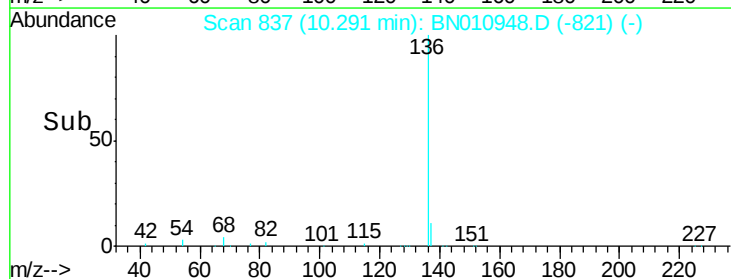
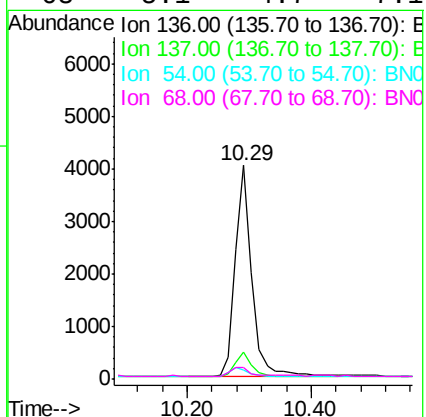
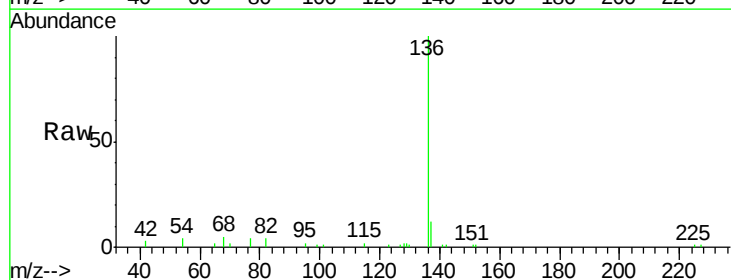
Ion Ratio Lower Upper

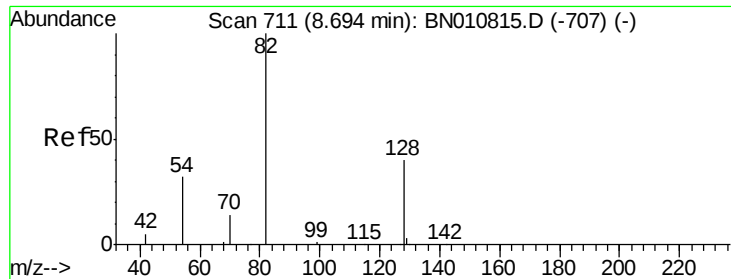
136 100

137 12.5 9.7 14.5

54 4.4 4.9 7.3#

68 5.1 4.7 7.1





#8

Nitrobenzene-d5

Concen: 0.419 ng

RT: 8.68 min Scan# 710

Delta R.T. -0.00 min

Lab File: BN010948.D

Acq: 17 Jun 2020 19:35

Instrument :

BNA\_N

ClientSampleId :

MW-24

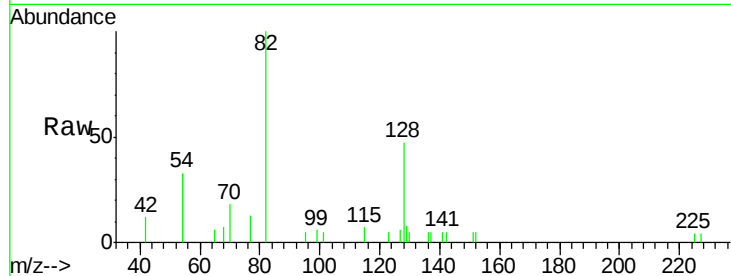
Tot Ion: 82 Resp: 2343

Ion Ratio Lower Upper

82 100

128 47.3 35.4 53.0

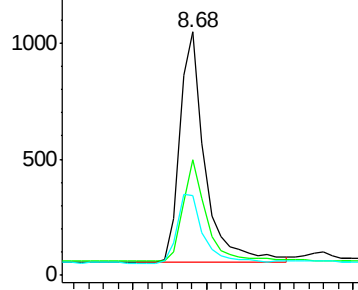
54 32.9 28.2 42.4



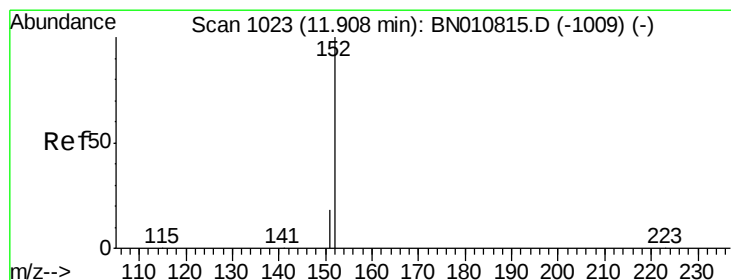
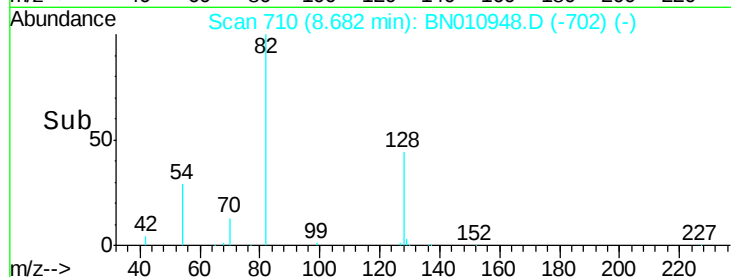
Abundance Ion 82.00 (81.70 to 82.70): BN010815.D (-707) (-)

Ion 128.00 (127.70 to 128.70): BN010815.D (-707) (-)

Ion 54.00 (53.70 to 54.70): BN010815.D (-707) (-)



Time-->



#11

2-Methylnaphthalene-d10

Concen: 0.449 ng

RT: 11.89 min Scan# 1018

Delta R.T. -0.00 min

Lab File: BN010948.D

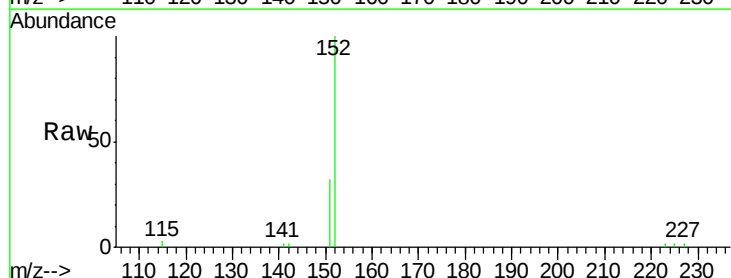
Acq: 17 Jun 2020 19:35

Tgt Ion: 152 Resp: 5257

Ion Ratio Lower Upper

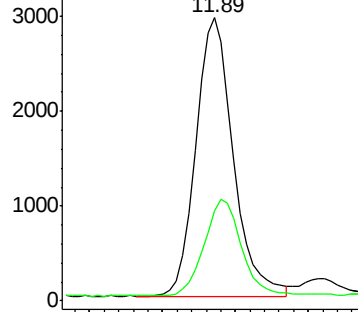
152 100

151 35.2 15.3 22.9#

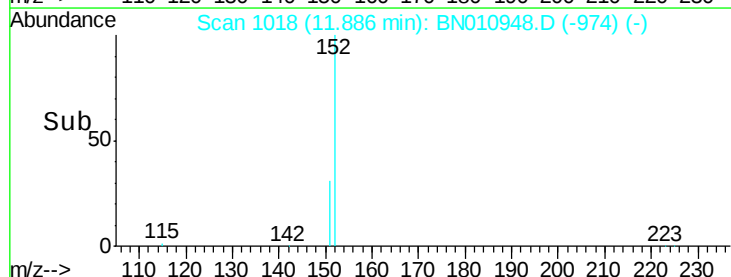


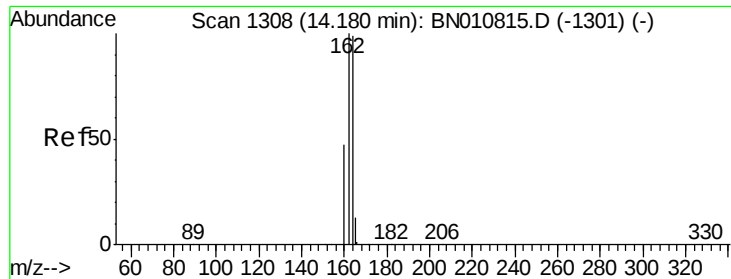
Abundance Ion 152.00 (151.70 to 152.70): BN010815.D (-1009) (-)

Ion 151.00 (150.70 to 151.70): BN010815.D (-1009) (-)



Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.16 min Scan# 1306

Delta R.T. 0.01 min

Lab File: BN010948.D

Acq: 17 Jun 2020 19:35

Instrument :

BNA\_N

ClientSampleId :

MW-24

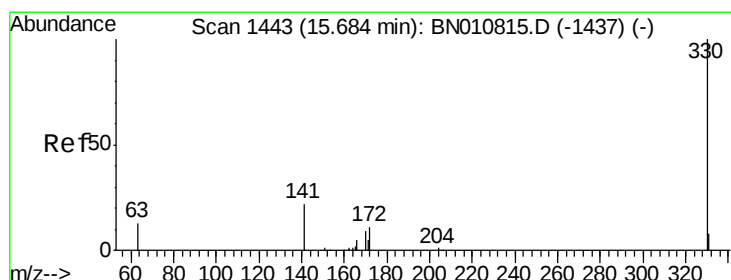
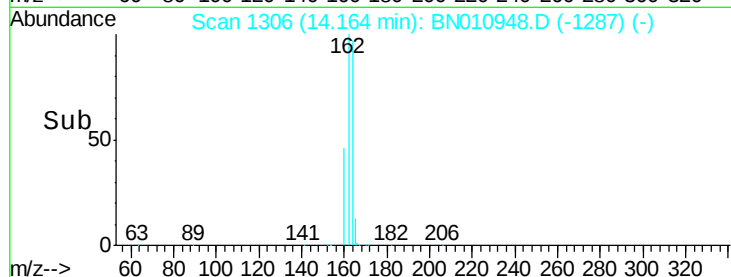
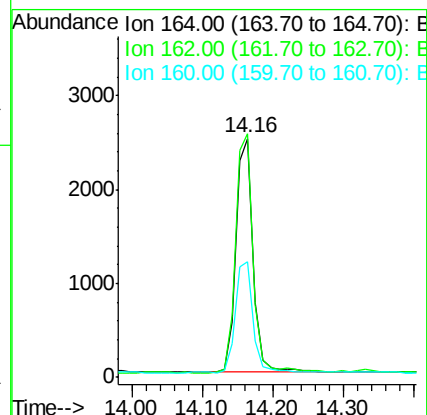
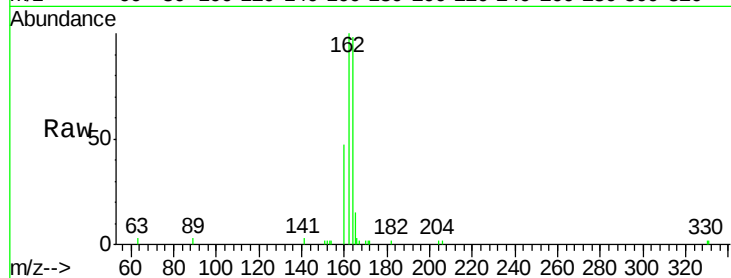
Tot Ion:164 Resp: 4296

Ion Ratio Lower Upper

164 100

162 102.1 81.0 121.6

160 48.3 38.9 58.3



#14

2,4,6-Tribromophenol

Concen: 0.389 ng

RT: 15.66 min Scan# 1440

Delta R.T. -0.02 min

Lab File: BN010948.D

Acq: 17 Jun 2020 19:35

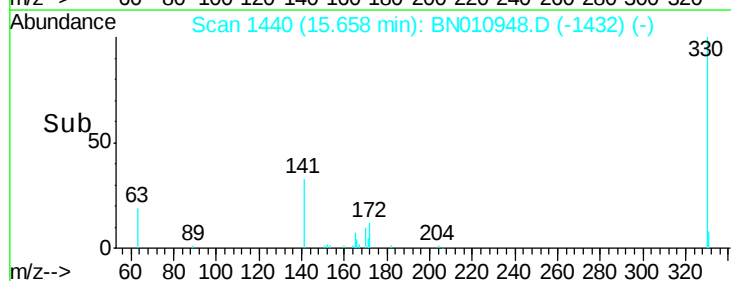
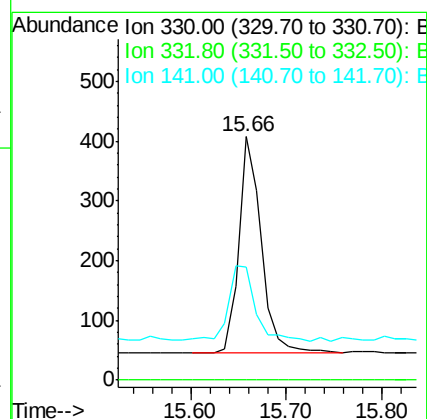
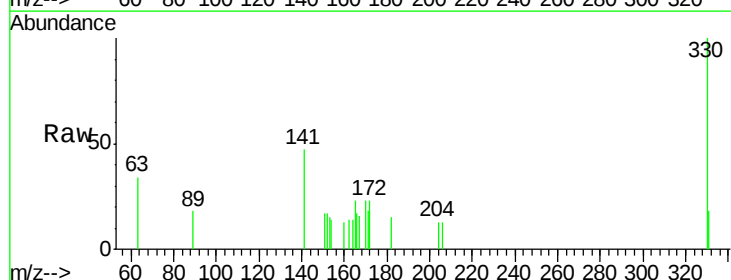
Tgt Ion:330 Resp: 598

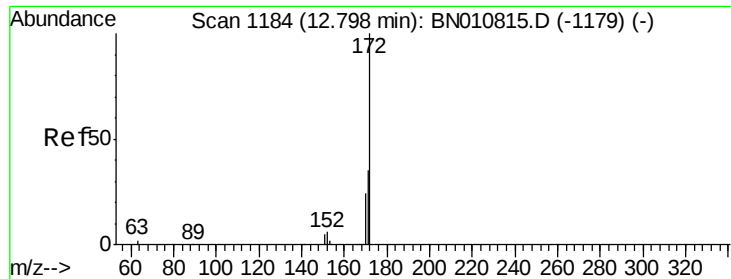
Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

141 40.3 33.2 49.8

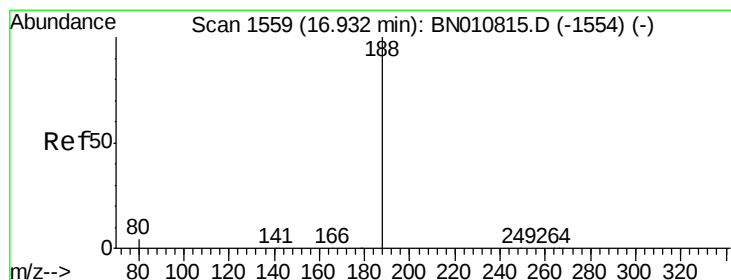
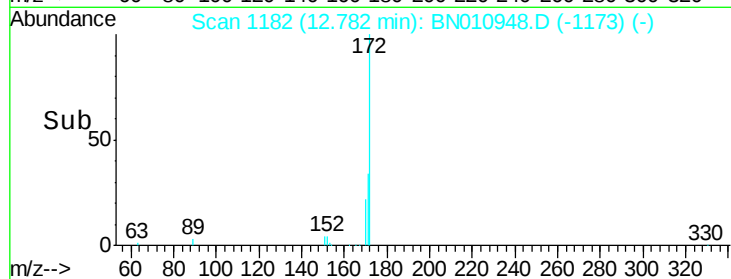
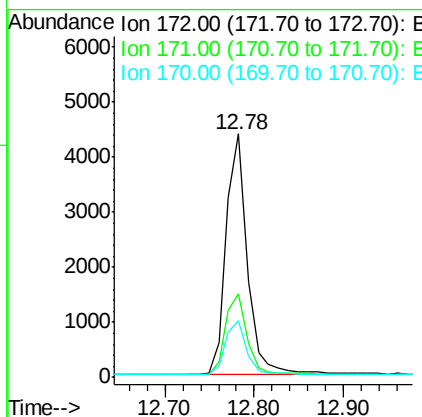
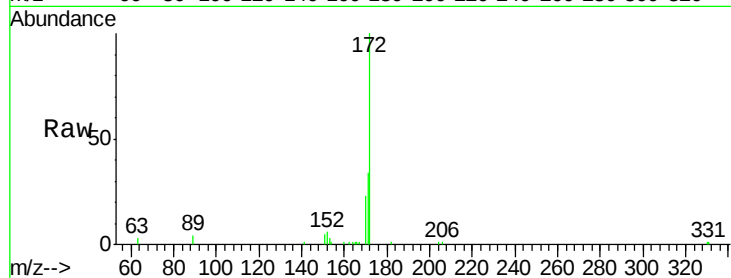




#15  
2-Fluorobiphenyl  
Concen: 0.431 ng  
RT: 12.78 min Scan# 1182  
Delta R.T. -0.00 min  
Lab File: BN010948.D  
Acq: 17 Jun 2020 19:35

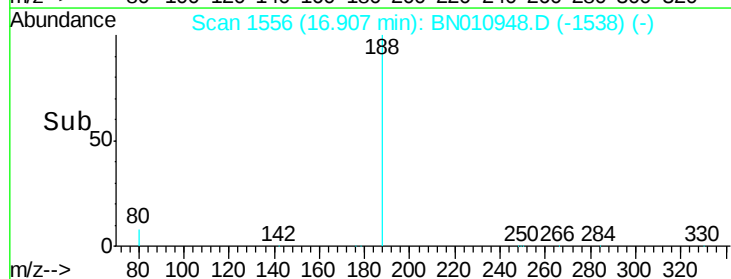
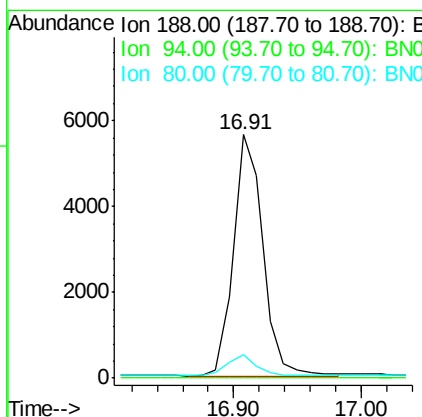
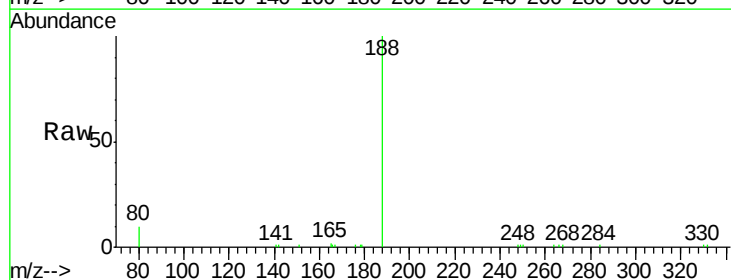
Instrument :  
BNA\_N  
ClientSampleId :  
MW-24

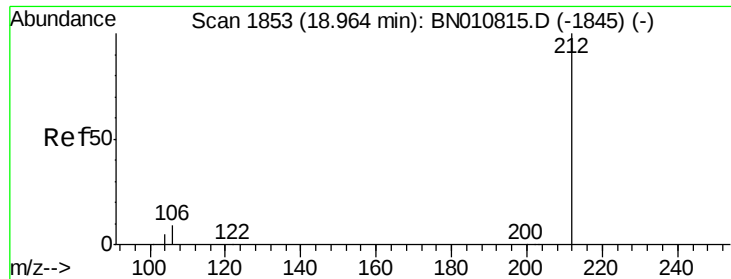
Tot Ion:172 Resp: 7311  
Ion Ratio Lower Upper  
172 100  
171 34.4 28.5 42.7  
170 23.1 19.7 29.5



#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 16.91 min Scan# 1556  
Delta R.T. -0.00 min  
Lab File: BN010948.D  
Acq: 17 Jun 2020 19:35

Tgt Ion:188 Resp: 8987  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 9.6 4.5 6.7#





#25

Fluoranthene-d10

Concen: 0.542 ng

RT: 18.95 min Scan# 1849

Delta R.T. -0.00 min

Lab File: BN010948.D

Acq: 17 Jun 2020 19:35

Instrument :

BNA\_N

ClientSampleId :

MW-24

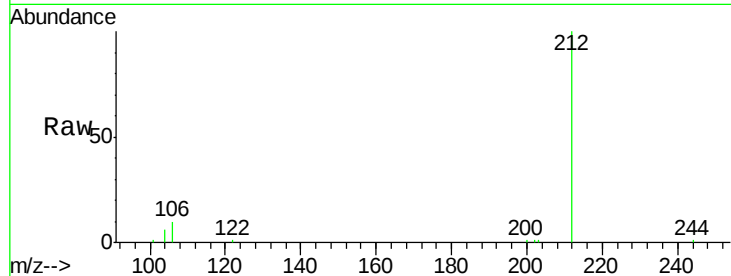
Tot Ion:212 Resp: 13454

Ion Ratio Lower Upper

212 100

106 9.2 6.6 10.0

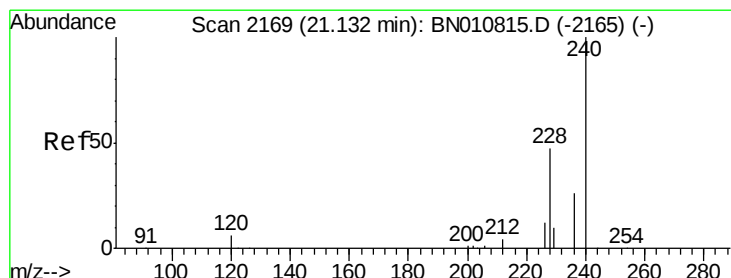
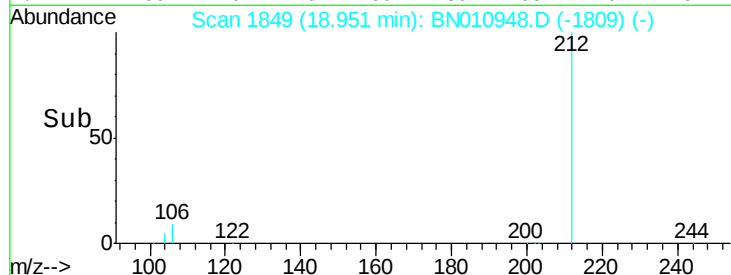
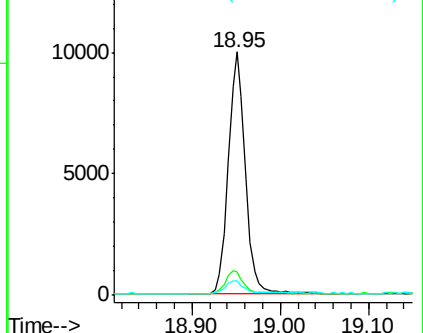
104 5.5 4.0 6.0



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.12 min Scan# 2167

Delta R.T. 0.00 min

Lab File: BN010948.D

Acq: 17 Jun 2020 19:35

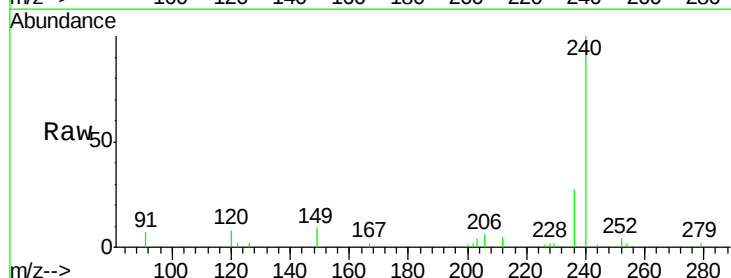
Tgt Ion:240 Resp: 8563

Ion Ratio Lower Upper

240 100

120 7.9 7.5 11.3

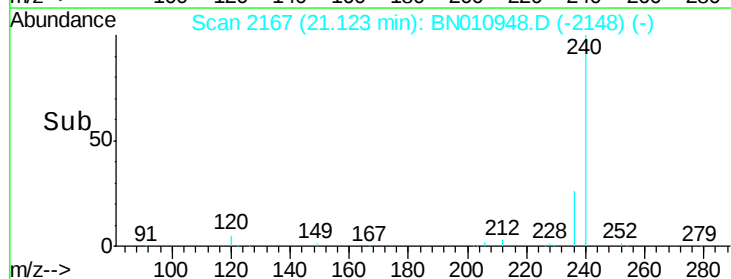
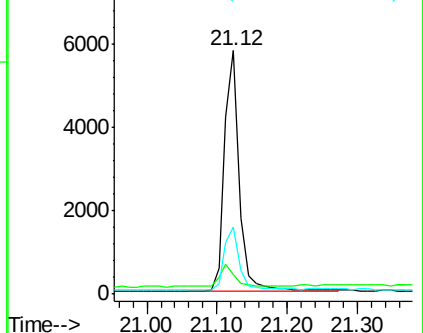
236 27.3 22.3 33.5

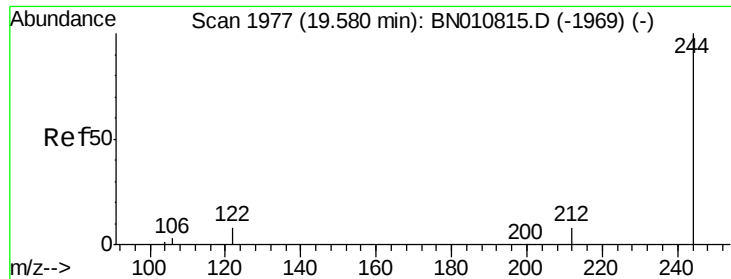


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.516 ng

RT: 19.56 min Scan# 1972

Delta R.T. -0.01 min

Lab File: BN010948.D

Acq: 17 Jun 2020 19:35

Instrument :

BNA\_N

ClientSampleId :

MW-24

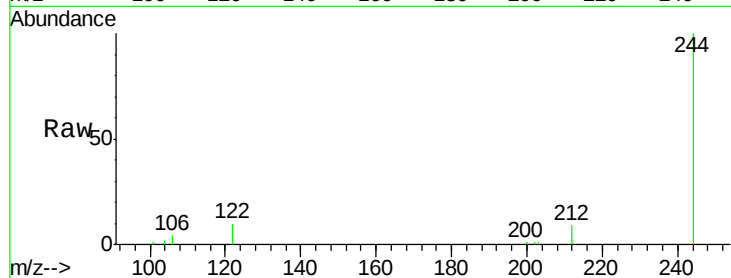
Tot Ion:244 Resp: 10349

Ion Ratio Lower Upper

244 100

212 8.6 7.4 11.2

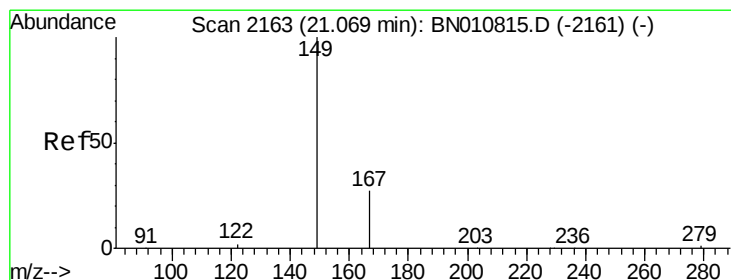
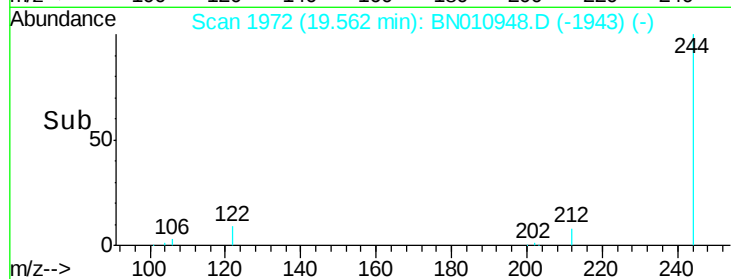
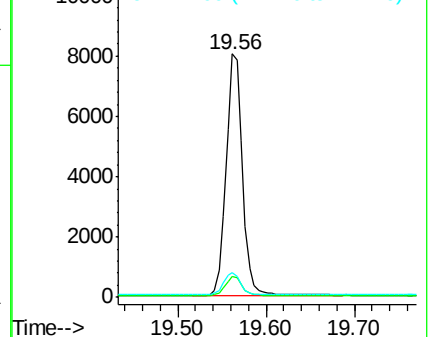
122 10.3 7.5 11.3



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.099 ng

RT: 21.06 min Scan# 2161

Delta R.T. 0.00 min

Lab File: BN010948.D

Acq: 17 Jun 2020 19:35

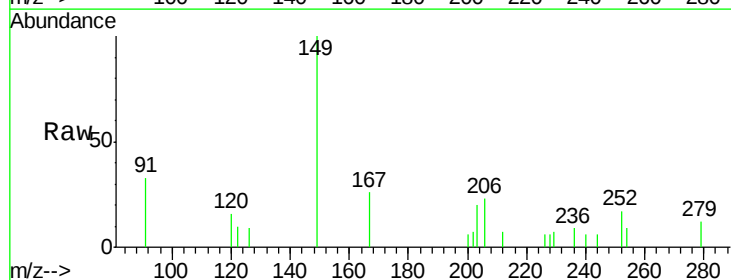
Tgt Ion:149 Resp: 831

Ion Ratio Lower Upper

149 100

167 24.9 24.1 36.1

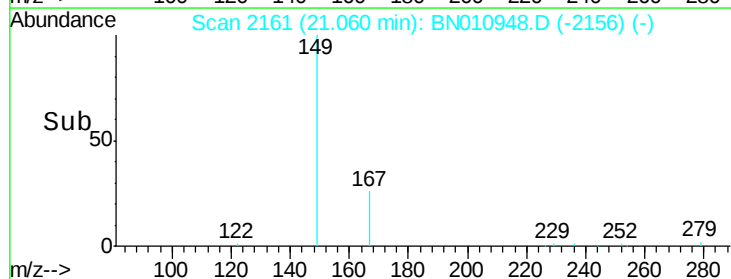
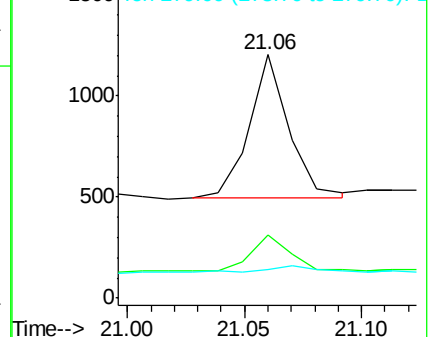
279 6.5 4.6 7.0

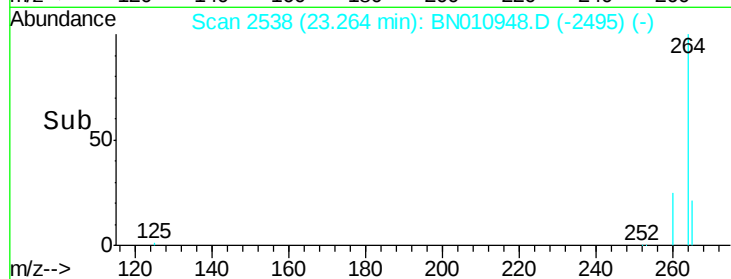
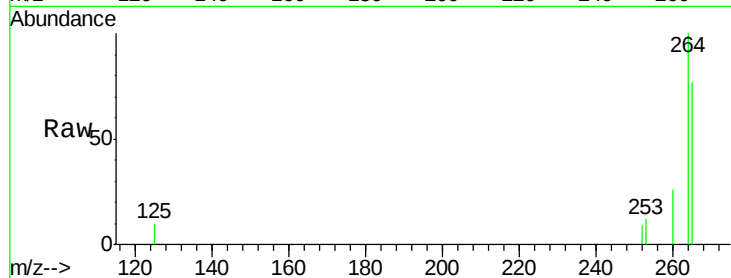
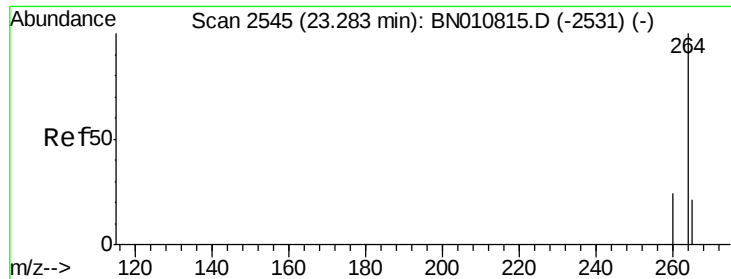


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34

Pervlene-d12

Concen: 0.400 ng

RT: 23.26 min Scan# 2538

Delta R.T. -0.00 min

Lab File: BN010948.D

Acq: 17 Jun 2020 19:35

Instrument :

BNA\_N

ClientSampleId :

MW-24

Tot Ion: 264 Resp: 8103

Ion Ratio Lower Upper

264 100

260 25.6 20.4 30.6

265 77.4 75.0 112.4

