

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061620\  
 Data File : BN010933.D  
 Acq On : 17 Jun 2020 08:05  
 Operator : CG/JU  
 Sample : L3011-18  
 Misc :  
 ALS Vial : 30 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 RE104D3-20200612

Quant Time: Jun 17 08:51:39 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jun 16 08:49:35 2020  
 Response via : Initial Calibration

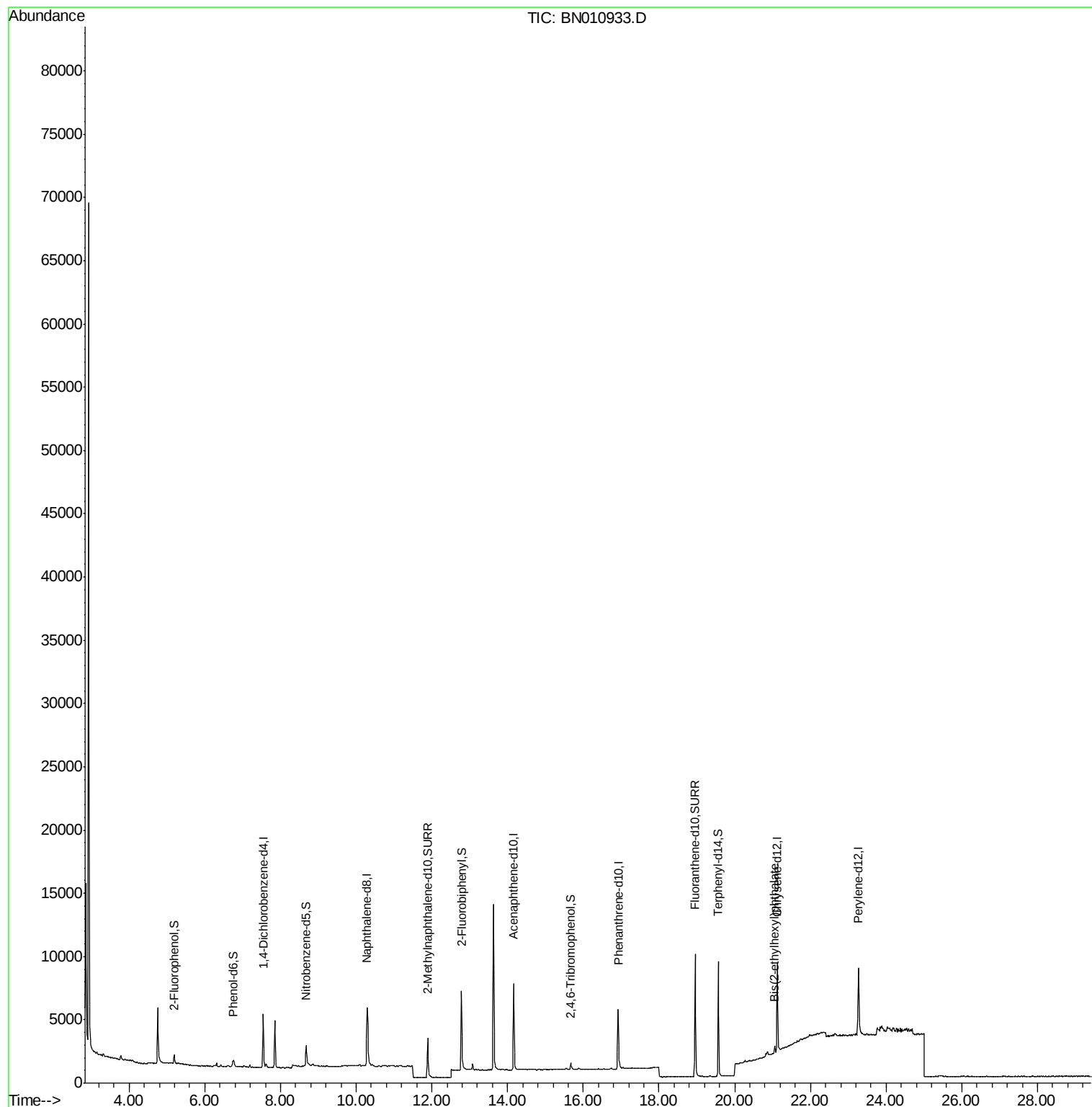
| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4      | 7.54  | 152  | 2197     | 0.40  | ng    | 0.00     |
| 7) Naphthalene-d8              | 10.29 | 136  | 7673     | 0.40  | ng    | -0.01    |
| 13) Acenaphthene-d10           | 14.16 | 164  | 4147     | 0.40  | ng    | -0.01    |
| 19) Phenanthrene-d10           | 16.92 | 188  | 8592     | 0.40  | ng    | 0.00     |
| 27) Chrysene-d12               | 21.12 | 240  | 7877     | 0.40  | ng    | -0.01    |
| 34) Perylene-d12               | 23.27 | 264  | 7990     | 0.40  | ng    | 0.00     |
| System Monitoring Compounds    |       |      |          |       |       |          |
| 4) 2-Fluorophenol              | 5.20  | 112  | 698      | 0.16  | ng    | 0.00     |
| 5) Phenol-d6                   | 6.74  | 99   | 467      | 0.09  | ng    | 0.00     |
| 8) Nitrobenzene-d5             | 8.68  | 82   | 2174     | 0.38  | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10    | 11.89 | 152  | 5123     | 0.43  | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol       | 15.67 | 330  | 516      | 0.35  | ng    | 0.00     |
| 15) 2-Fluorobiphenyl           | 12.79 | 172  | 6771     | 0.41  | ng    | 0.00     |
| 25) Fluoranthene-d10           | 18.95 | 212  | 13038    | 0.55  | ng    | 0.00     |
| 29) Terphenyl-d14              | 19.56 | 244  | 9821     | 0.53  | ng    | 0.00     |
| Target Compounds               |       |      |          |       |       | Qvalue   |
| 32) Bis(2-ethylhexyl)phthalate | 21.06 | 149  | 581      | 0.075 | ng    | # 94     |

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

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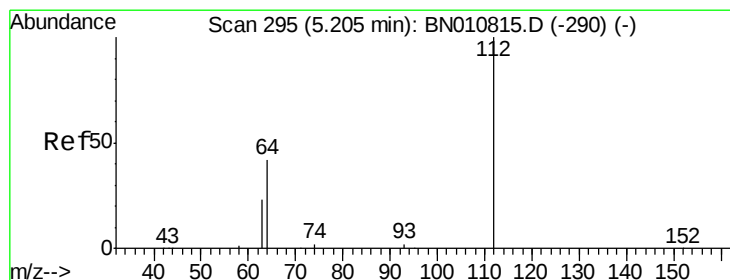
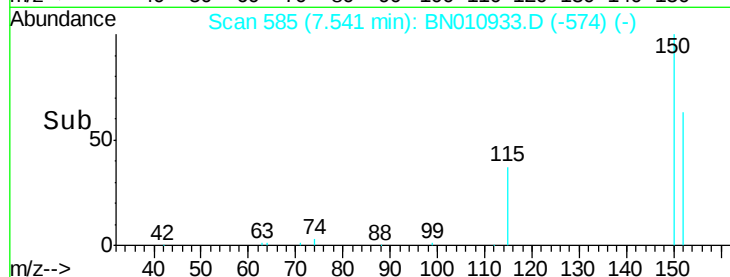
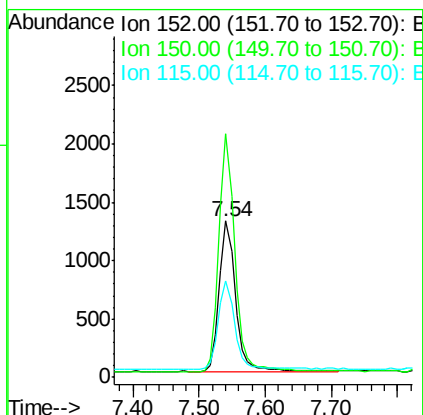
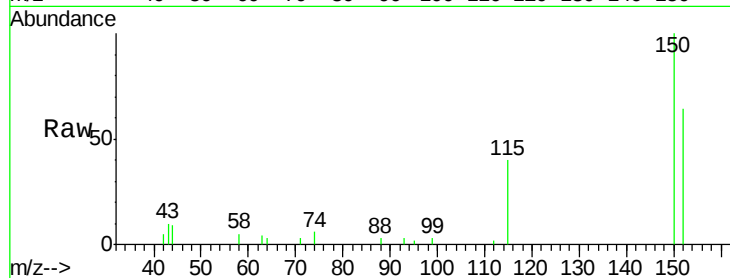


#1

1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.54 min Scan# 585  
Delta R.T. -0.01 min  
Lab File: BN010933.D  
Acq: 17 Jun 2020 08:05

Instrument :  
BNA\_N  
ClientSampleId :  
RE104D3-20200612

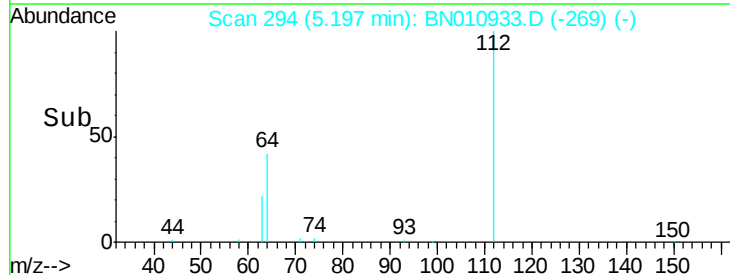
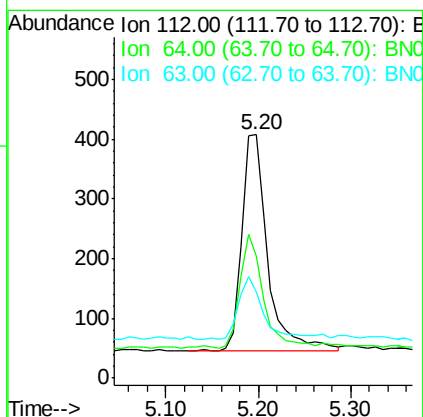
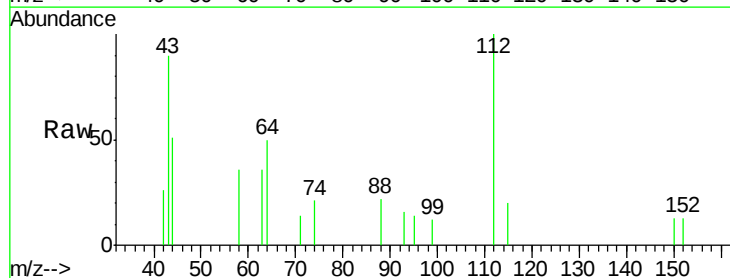
Tot Ion:152 Resp: 2197  
Ion Ratio Lower Upper  
152 100  
150 155.9 123.8 185.6  
115 61.6 49.2 73.8

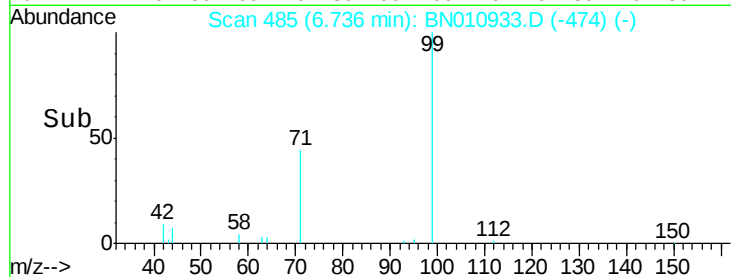
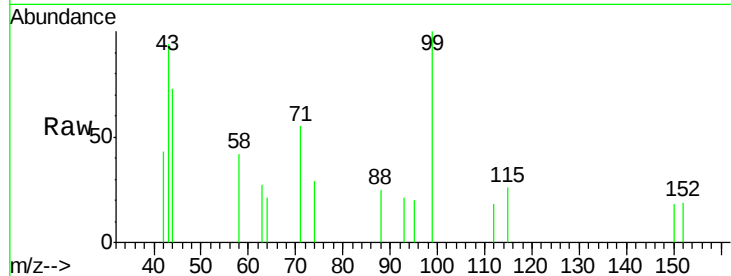
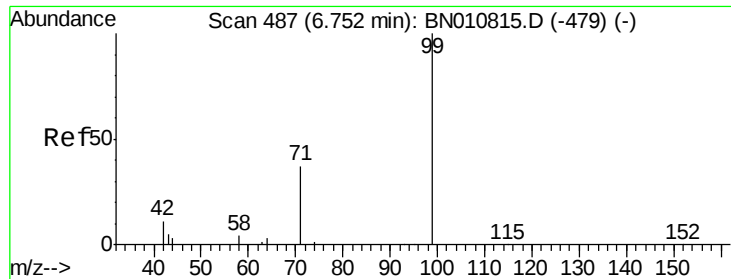


#4

2-Fluorophenol  
Concen: 0.165 ng  
RT: 5.20 min Scan# 294  
Delta R.T. 0.00 min  
Lab File: BN010933.D  
Acq: 17 Jun 2020 08:05

Tgt Ion:112 Resp: 698  
Ion Ratio Lower Upper  
112 100  
64 47.0 37.4 56.0  
63 26.8 22.2 33.4





#5

Phenol-d6

Concen: 0.093 ng

RT: 6.74 min Scan# 485

Delta R.T. -0.01 min

Lab File: BN010933.D

Acq: 17 Jun 2020 08:05

Instrument :

BNA\_N

ClientSampleId :

RE104D3-20200612

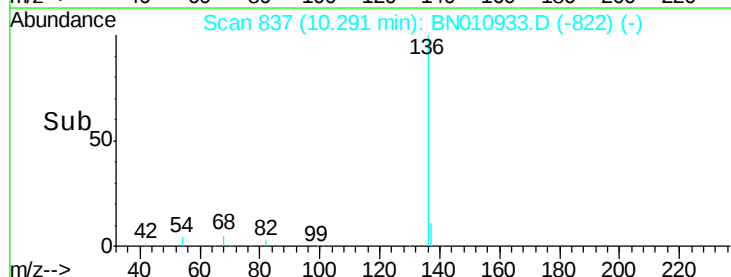
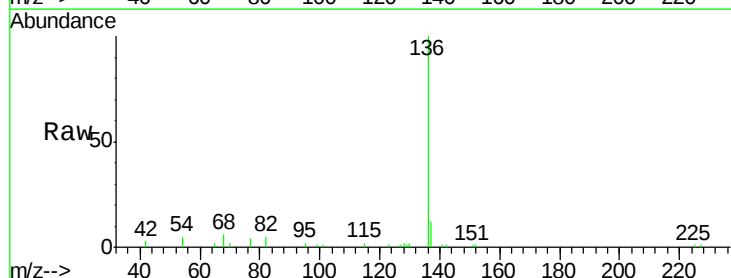
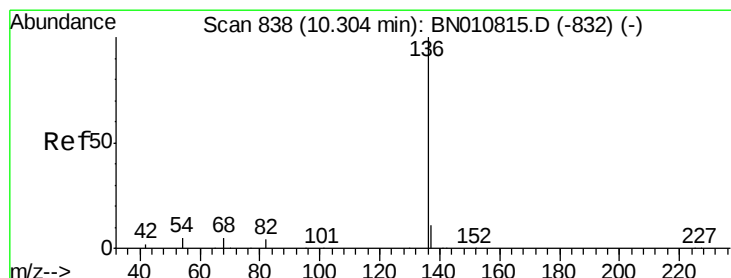
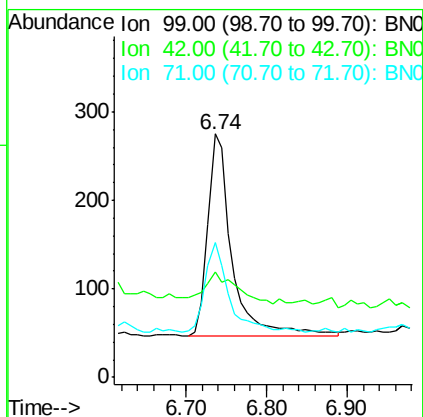
Tot Ion: 99 Resp: 467

Ion Ratio Lower Upper

99 100

42 20.6 11.1 16.7#

71 43.0 31.4 47.2



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.29 min Scan# 837

Delta R.T. -0.01 min

Lab File: BN010933.D

Acq: 17 Jun 2020 08:05

Tgt Ion: 136 Resp: 7673

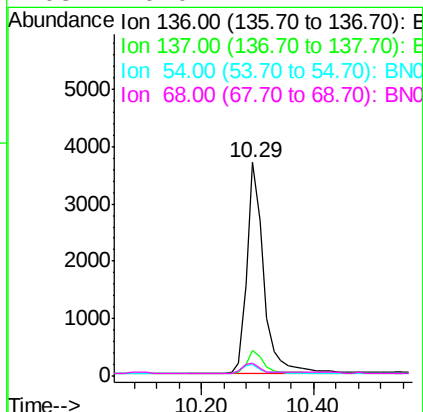
Ion Ratio Lower Upper

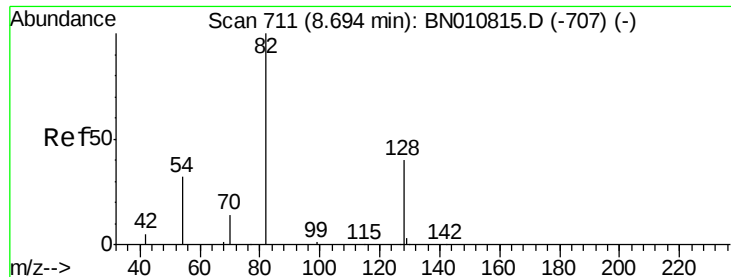
136 100

137 12.0 9.7 14.5

54 5.5 4.9 7.3

68 6.0 4.7 7.1





#8

Nitrobenzene-d5

Concen: 0.383 ng

RT: 8.68 min Scan# 710

Delta R.T. 0.00 min

Lab File: BN010933.D

Acq: 17 Jun 2020 08:05

Instrument :

BNA\_N

ClientSampleId :

RE104D3-20200612

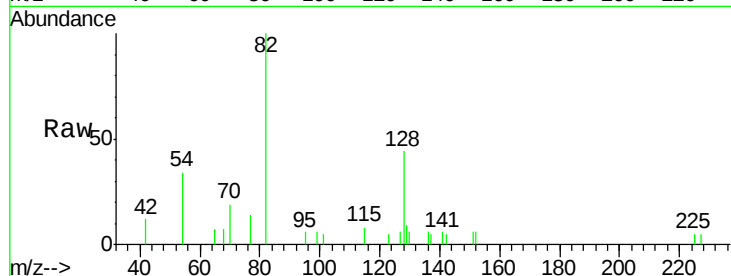
Tot Ion: 82 Resp: 2174

Ion Ratio Lower Upper

82 100

128 44.0 35.4 53.0

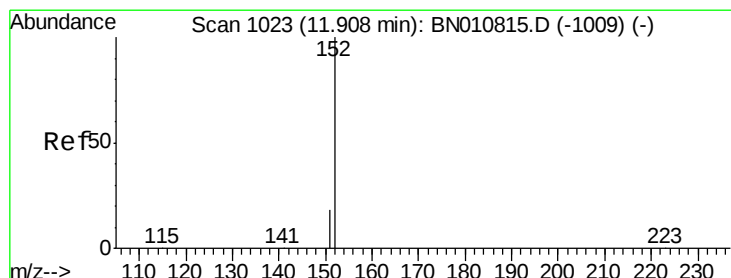
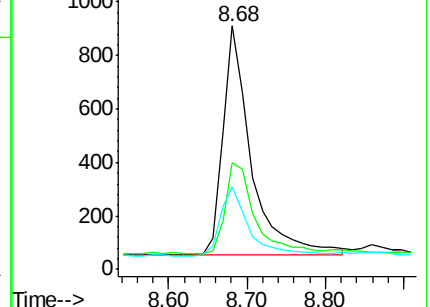
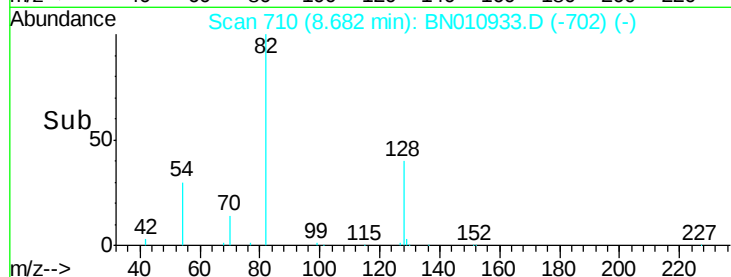
54 33.8 28.2 42.4



Abundance Ion 82.00 (81.70 to 82.70): BN010933.D (-975) (-)

Ion 128.00 (127.70 to 128.70): BN010933.D (-975) (-)

Ion 54.00 (53.70 to 54.70): BN010933.D (-975) (-)



#11

2-Methylnaphthalene-d10

Concen: 0.430 ng

RT: 11.89 min Scan# 1019

Delta R.T. -0.00 min

Lab File: BN010933.D

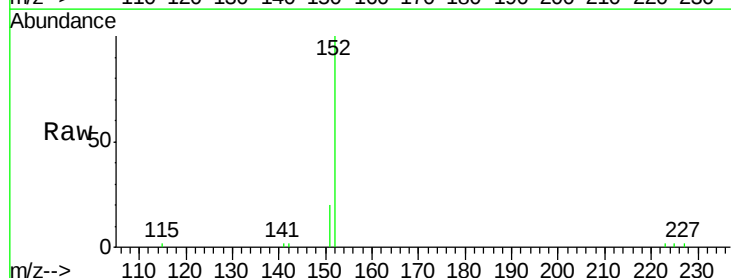
Acq: 17 Jun 2020 08:05

Tgt Ion: 152 Resp: 5123

Ion Ratio Lower Upper

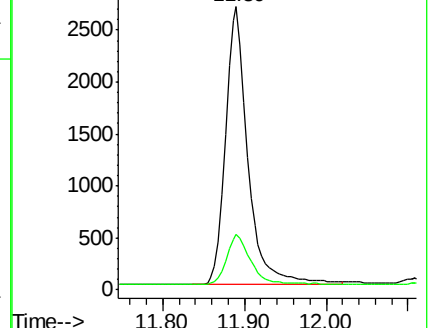
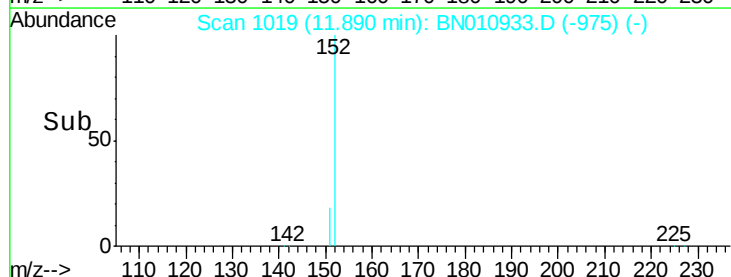
152 100

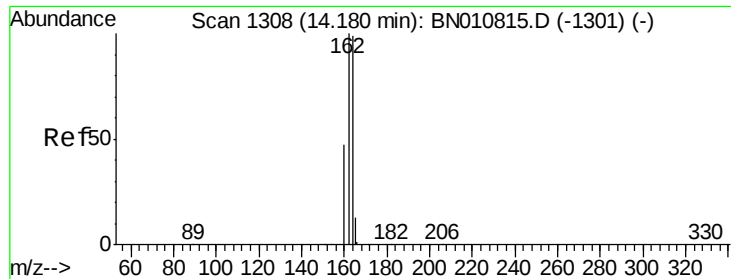
151 19.5 15.3 22.9



Abundance Ion 152.00 (151.70 to 152.70): BN010933.D (-975) (-)

Ion 151.00 (150.70 to 151.70): BN010933.D (-975) (-)





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.16 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BN010933.D

Acq: 17 Jun 2020 08:05

Instrument :

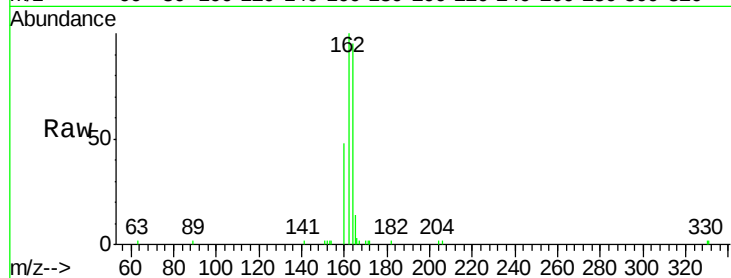
BNA\_N

ClientSampleId :

RE104D3-20200612

Tot Ion:164 Resp: 4147

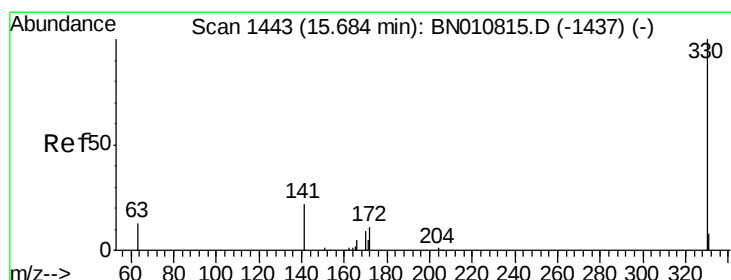
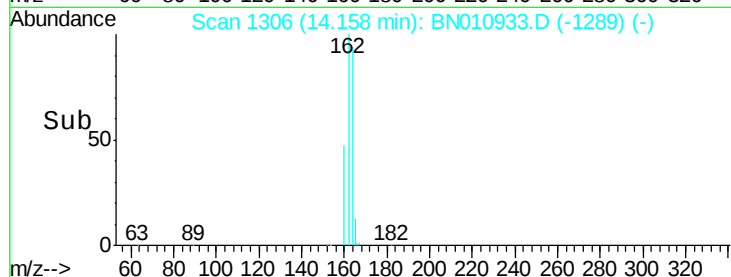
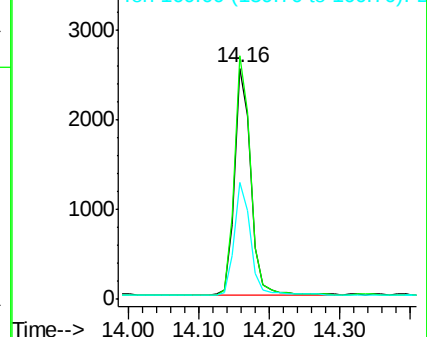
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 162 | 105.5 | 81.0  | 121.6 |
| 160 | 50.5  | 38.9  | 58.3  |



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: 0.348 ng

RT: 15.67 min Scan# 1442

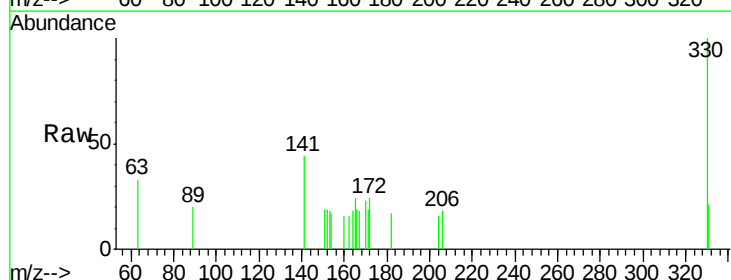
Delta R.T. 0.00 min

Lab File: BN010933.D

Acq: 17 Jun 2020 08:05

Tgt Ion:330 Resp: 516

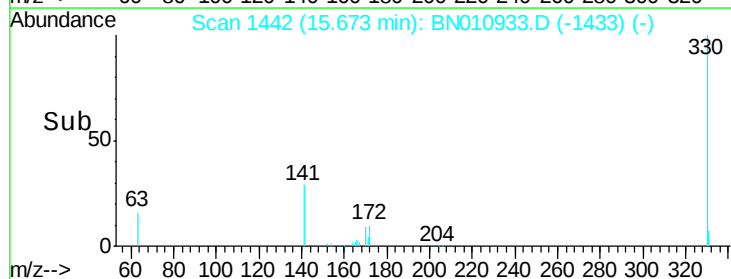
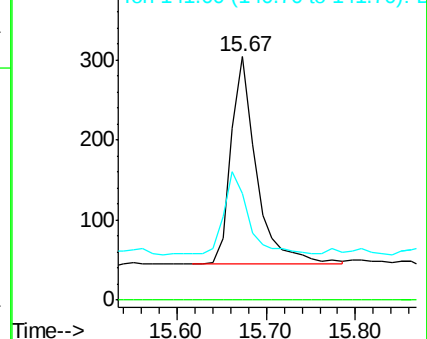
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 330 | 100   |       |       |
| 332 | 0.0   | 0.0   | 0.0   |
| 141 | 39.7  | 33.2  | 49.8  |

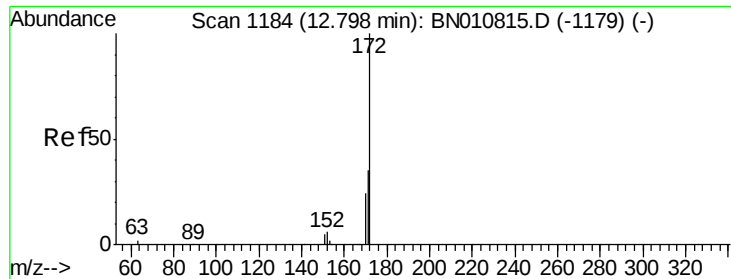


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

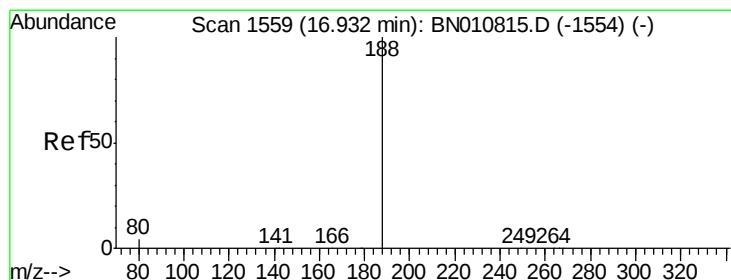
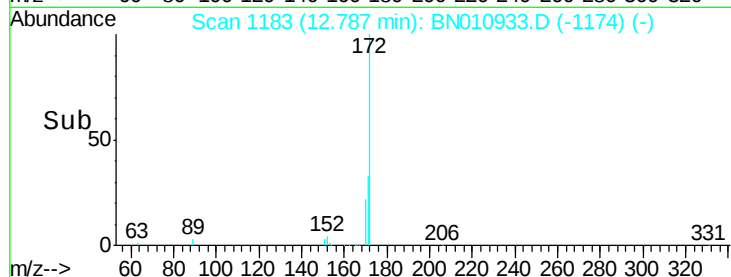
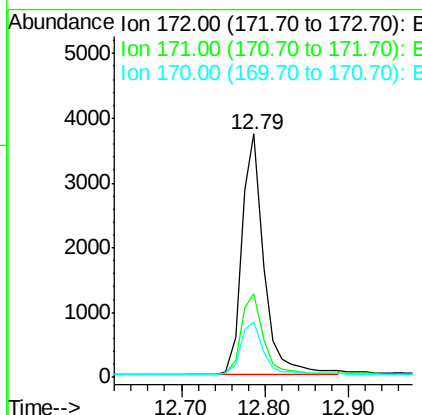
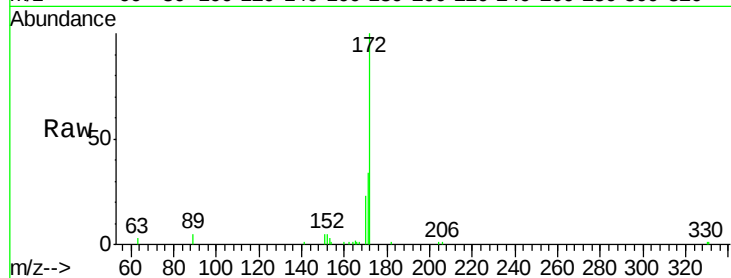




#15  
2-Fluorobiphenyl  
Concen: 0.414 ng  
RT: 12.79 min Scan# 1183  
Delta R.T. 0.00 min  
Lab File: BN010933.D  
Acq: 17 Jun 2020 08:05

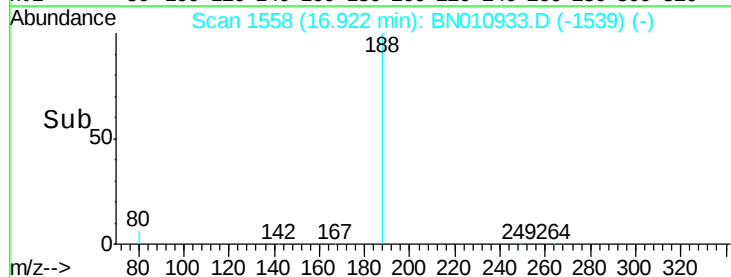
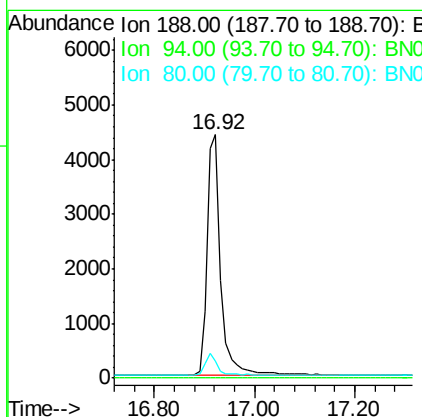
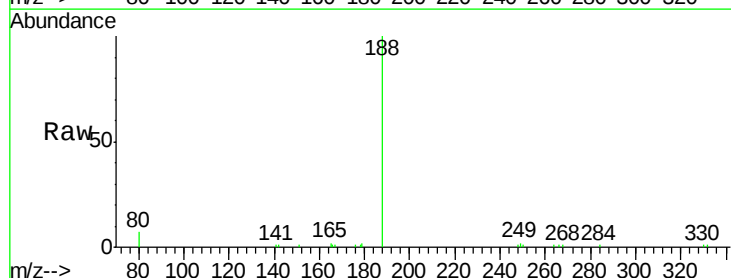
Instrument :  
BNA\_N  
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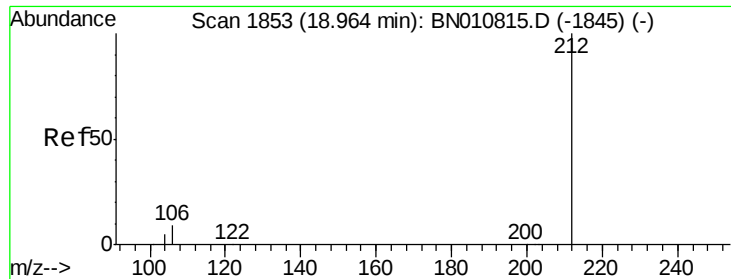
Tot Ion:172 Resp: 6771  
Ion Ratio Lower Upper  
172 100  
171 34.2 28.5 42.7  
170 22.8 19.7 29.5



#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 16.92 min Scan# 1558  
Delta R.T. 0.00 min  
Lab File: BN010933.D  
Acq: 17 Jun 2020 08:05

Tgt Ion:188 Resp: 8592  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 7.0 4.5 6.7#





#25

Fluoranthene-d10

Concen: 0.550 ng

RT: 18.95 min Scan# 1851

Delta R.T. -0.00 min

Lab File: BN010933.D

Acq: 17 Jun 2020 08:05

Instrument :

BNA\_N

ClientSampleId :

RE104D3-20200612

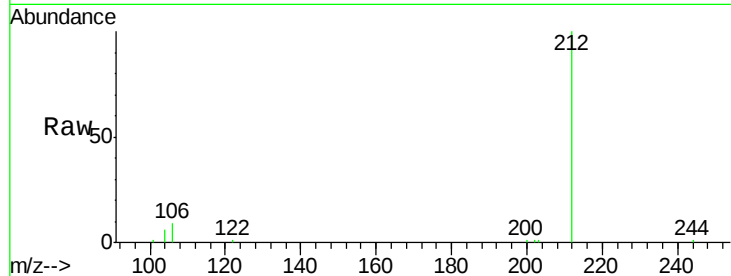
Tot Ion:212 Resp: 13038

Ion Ratio Lower Upper

212 100

106 9.6 6.6 10.0

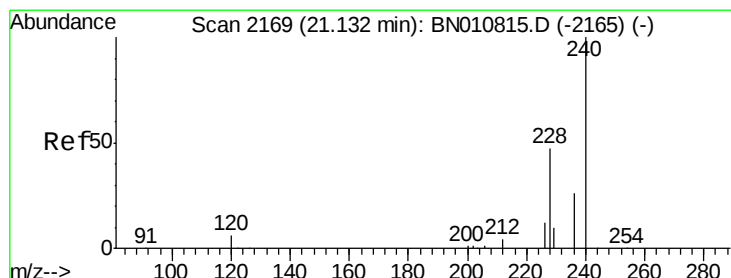
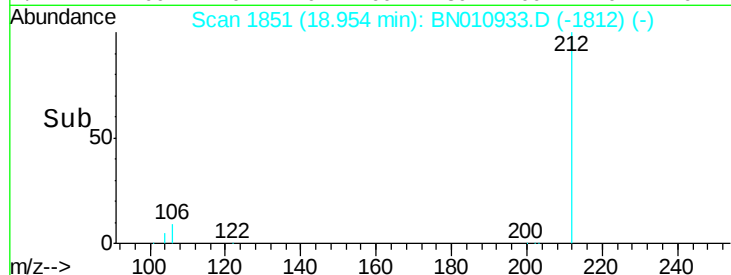
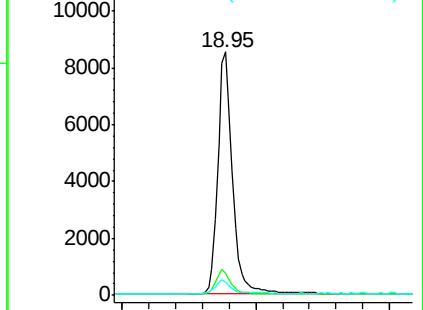
104 5.3 4.0 6.0



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# 2168

Delta R.T. -0.01 min

Lab File: BN010933.D

Acq: 17 Jun 2020 08:05

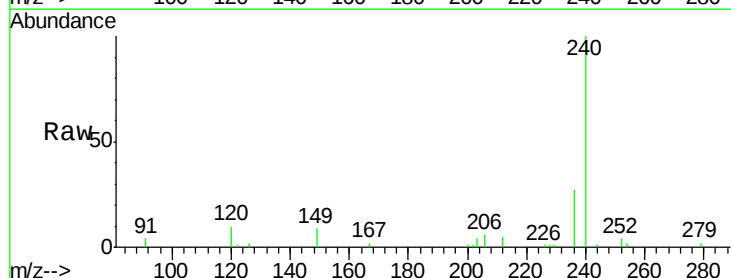
Tgt Ion:240 Resp: 7877

Ion Ratio Lower Upper

240 100

120 10.0 7.5 11.3

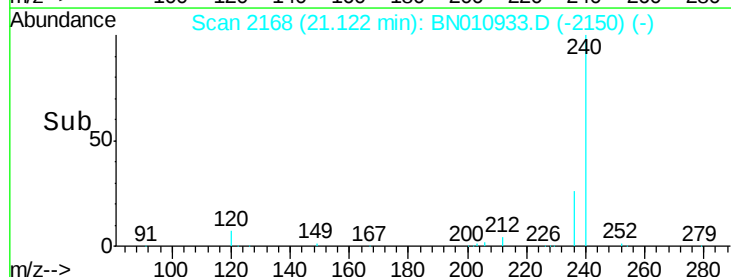
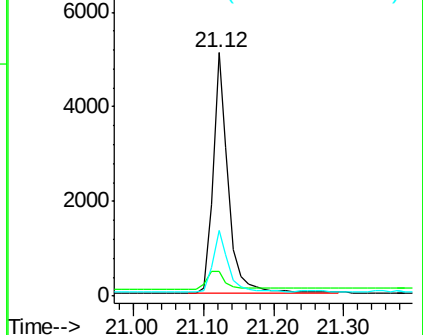
236 26.8 22.3 33.5

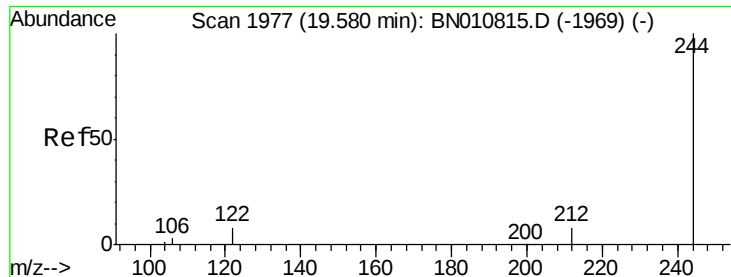


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.533 ng

RT: 19.56 min Scan# 1974

Delta R.T. -0.01 min

Lab File: BN010933.D

Acq: 17 Jun 2020 08:05

Instrument :

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ClientSampleId :

RE104D3-20200612

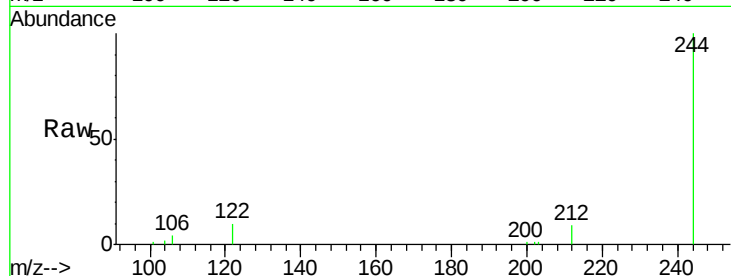
Tot Ion:244 Resp: 9821

Ion Ratio Lower Upper

244 100

212 8.8 7.4 11.2

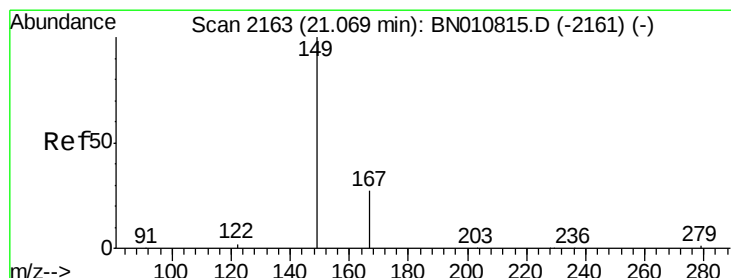
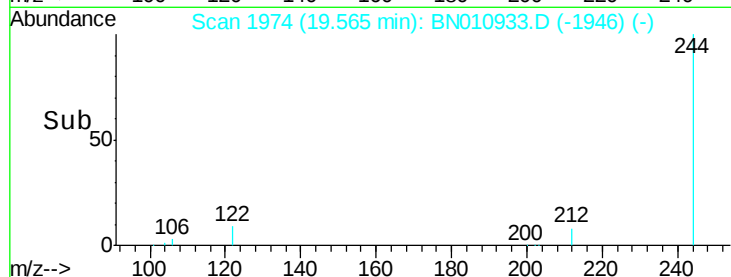
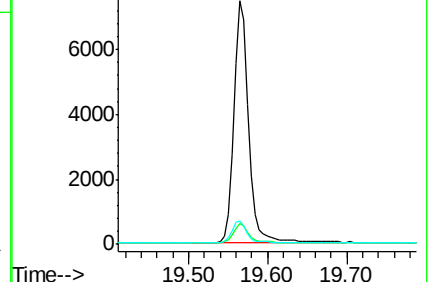
122 9.8 7.5 11.3



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: 0.075 ng

RT: 21.06 min Scan# 2162

Delta R.T. -0.01 min

Lab File: BN010933.D

Acq: 17 Jun 2020 08:05

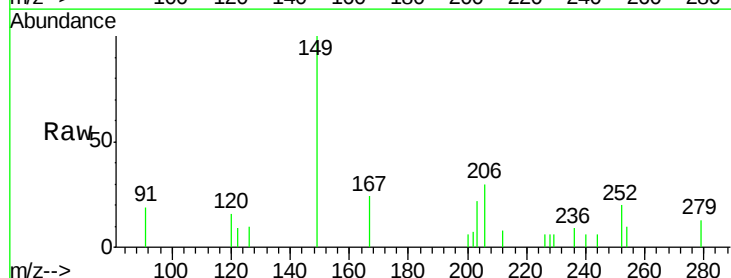
Tgt Ion:149 Resp: 581

Ion Ratio Lower Upper

149 100

167 27.7 24.1 36.1

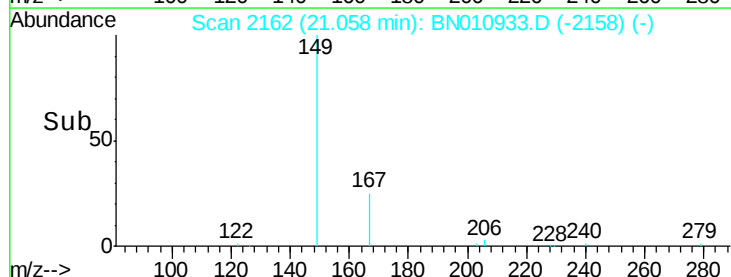
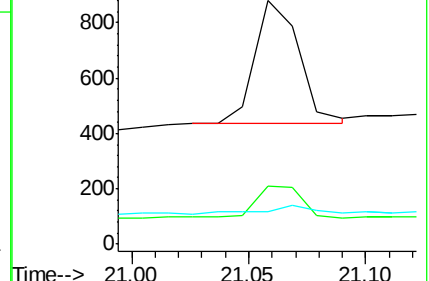
279 10.2 4.6 7.0#

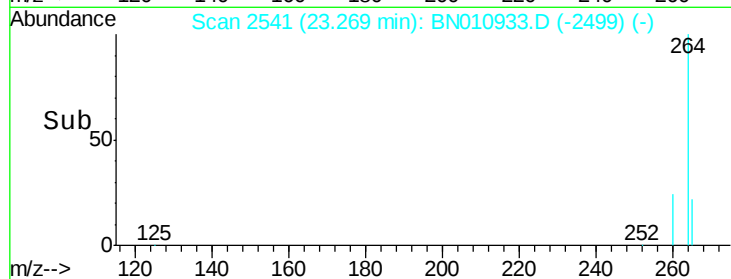
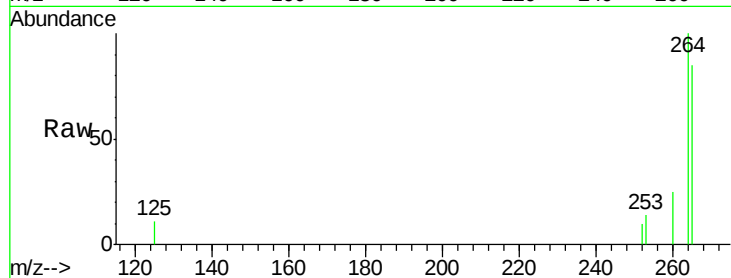
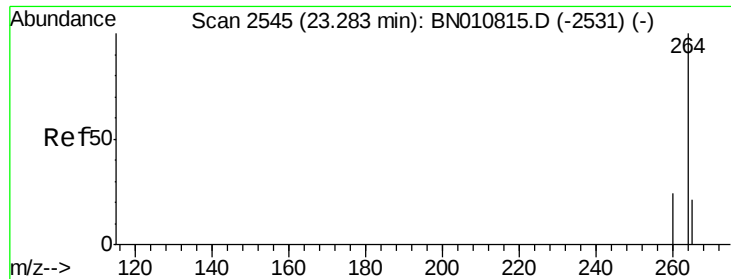


Abundance Ion 149.00 (148.70 to 149.70): E

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: 23.27 min Scan# 2541

Delta R.T. -0.01 min

Lab File: BN010933.D

Acq: 17 Jun 2020 08:05

Instrument :

BNA\_N

ClientSampleId :

RE104D3-20200612

Tot Ion: 264 Resp: 7990

Ion Ratio Lower Upper

264 100

260 25.2 20.4 30.6

265 85.2 75.0 112.4

