

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061620\  
 Data File : BN010929.D  
 Acq On : 17 Jun 2020 05:41  
 Operator : CG/JU  
 Sample : L3011-14  
 Misc :  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 RE123D2-20200612

Quant Time: Jun 17 07:03:57 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

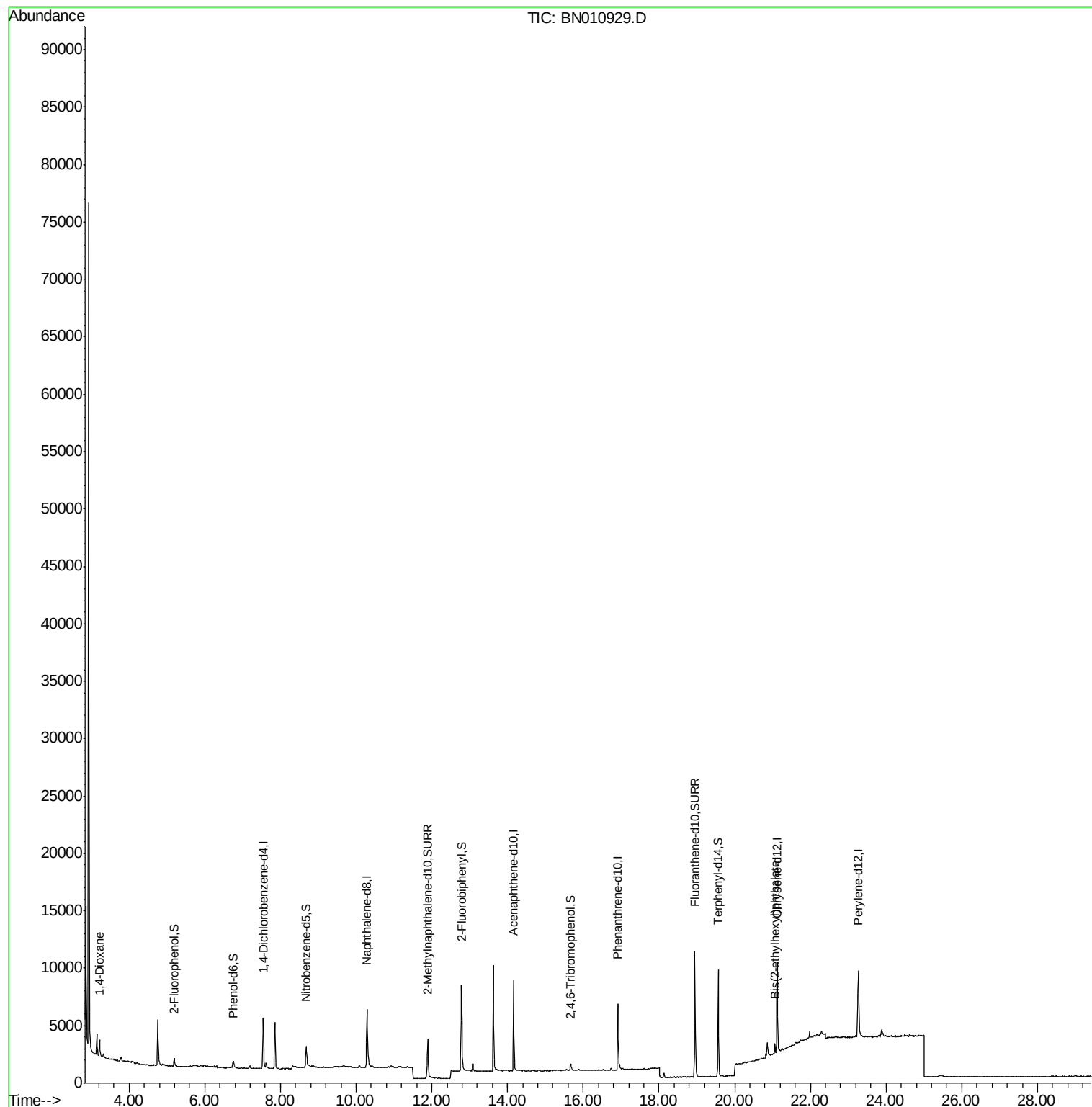
| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4      | 7.54  | 152  | 2331     | 0.40  | ng    | 0.00     |
| 7) Naphthalene-d8              | 10.29 | 136  | 7999     | 0.40  | ng    | -0.01    |
| 13) Acenaphthene-d10           | 14.16 | 164  | 4706     | 0.40  | ng    | 0.00     |
| 19) Phenanthrene-d10           | 16.92 | 188  | 9062     | 0.40  | ng    | 0.00     |
| 27) Chrysene-d12               | 21.12 | 240  | 8440     | 0.40  | ng    | 0.00     |
| 34) Perylene-d12               | 23.27 | 264  | 8662     | 0.40  | ng    | 0.00     |
| System Monitoring Compounds    |       |      |          |       |       |          |
| 4) 2-Fluorophenol              | 5.20  | 112  | 711      | 0.16  | ng    | 0.00     |
| 5) Phenol-d6                   | 6.74  | 99   | 462      | 0.09  | ng    | 0.00     |
| 8) Nitrobenzene-d5             | 8.68  | 82   | 2351     | 0.40  | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10    | 11.89 | 152  | 5630     | 0.45  | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol       | 15.67 | 330  | 538      | 0.32  | ng    | 0.00     |
| 15) 2-Fluorobiphenyl           | 12.78 | 172  | 7195     | 0.39  | ng    | 0.00     |
| 25) Fluoranthene-d10           | 18.95 | 212  | 13717    | 0.55  | ng    | 0.00     |
| 29) Terphenyl-d14              | 19.57 | 244  | 9949     | 0.50  | ng    | 0.00     |
| Target Compounds               |       |      |          |       |       |          |
| 2) 1,4-Dioxane                 | 3.22  | 88   | 1160     | 0.508 | ng    | # 89     |
| 32) Bis(2-ethylhexyl)phthalate | 21.06 | 149  | 758      | 0.092 | ng    | # 94     |

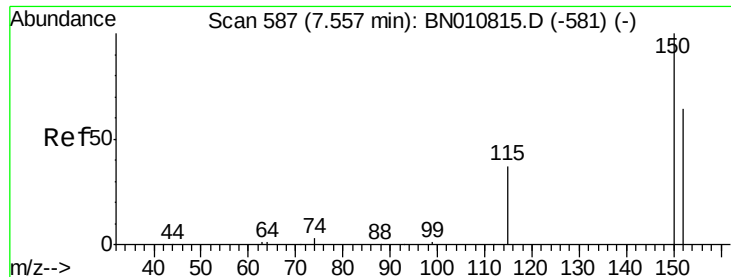
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061620\  
Data File : BN010929.D  
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Sample : L3011-14  
Misc :  
ALS Vial : 26 Sample Multiplier: 1

Instrument :  
BNA\_N  
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RE123D2-20200612

Quant Time: Jun 17 07:03:57 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M  
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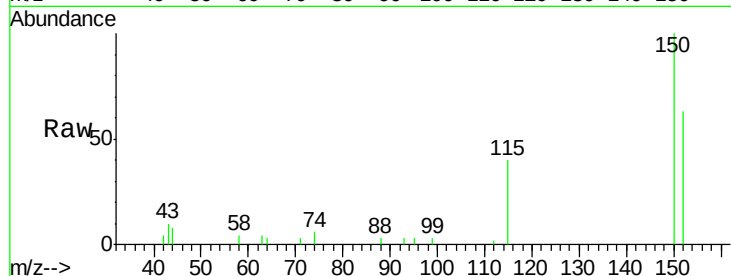


#1

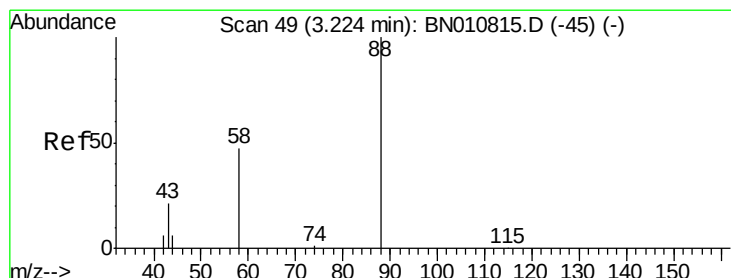
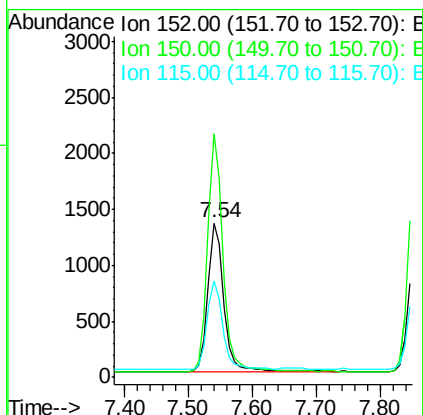
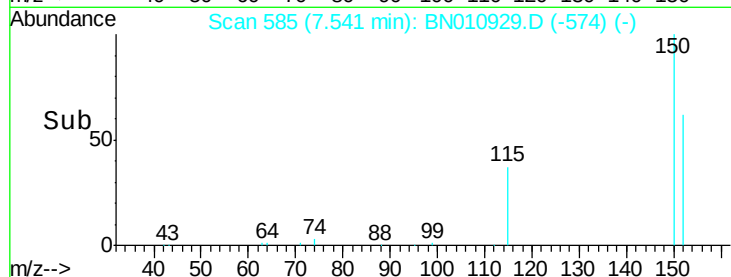
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.54 min Scan# 585  
Delta R.T. -0.01 min  
Lab File: BN010929.D  
Acq: 17 Jun 2020 05:41

Instrument :  
BNA\_N  
ClientSampleId :  
RE123D2-20200612

Tot Ion:152 Resp: 2331  
Ion Ratio Lower Upper  
152 100  
150 157.6 123.8 185.6  
115 62.8 49.2 73.8



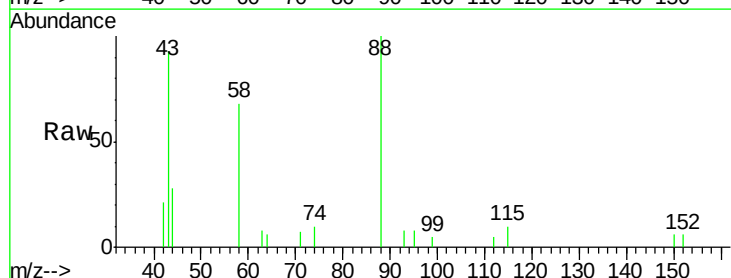
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



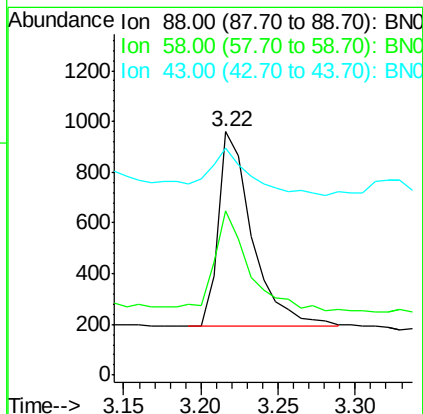
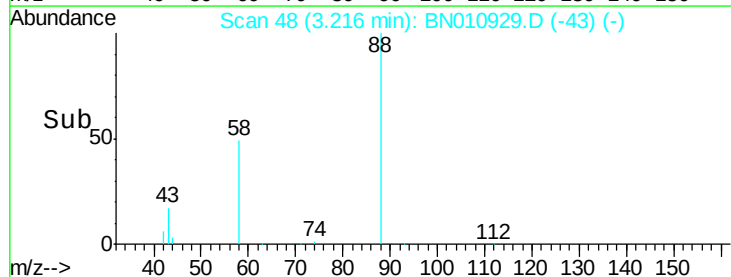
#2

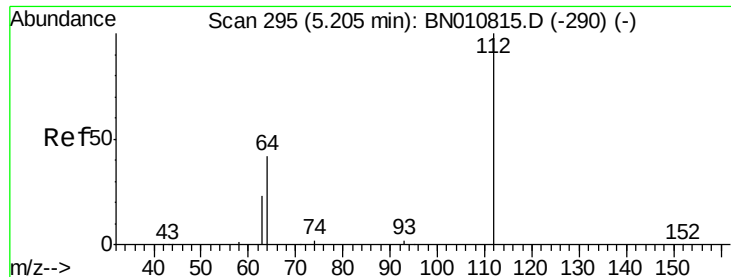
1,4-Dioxane  
Concen: 0.508 ng  
RT: 3.22 min Scan# 48  
Delta R.T. -0.01 min  
Lab File: BN010929.D  
Acq: 17 Jun 2020 05:41

Tgt Ion: 88 Resp: 1160  
Ion Ratio Lower Upper  
88 100  
58 52.1 38.2 57.4  
43 28.7 15.1 22.7#



Abundance Ion 88.00 (87.70 to 88.70): BNC  
Ion 58.00 (57.70 to 58.70): BNC  
Ion 43.00 (42.70 to 43.70): BNC





#4

2-Fluorophenol

Concen: 0.158 ng

RT: 5.20 min Scan# 294

Delta R.T. 0.00 min

Lab File: BN010929.D

Acq: 17 Jun 2020 05:41

Instrument :

BNA\_N

ClientSampleId :

RE123D2-20200612

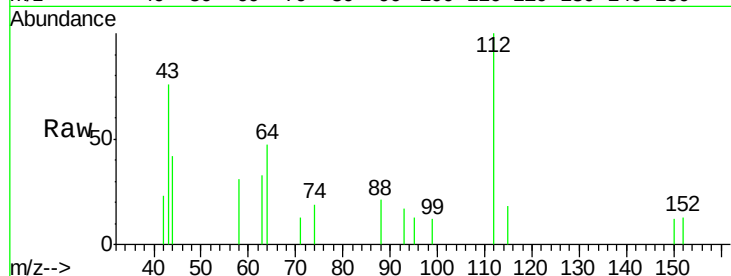
Tot Ion: 112 Resp: 711

Ion Ratio Lower Upper

112 100

64 46.1 37.4 56.0

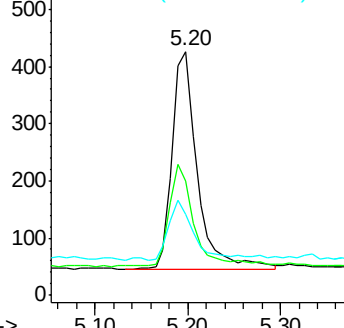
63 26.0 22.2 33.4



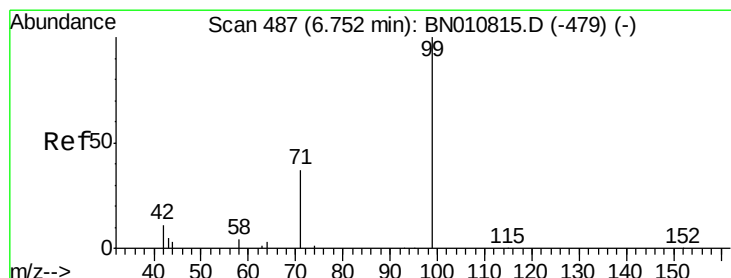
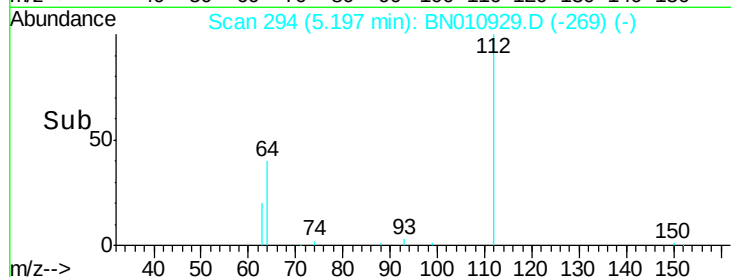
Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BNO

Ion 63.00 (62.70 to 63.70): BNO



Time-->



#5

Phenol-d6

Concen: 0.087 ng

RT: 6.74 min Scan# 485

Delta R.T. -0.01 min

Lab File: BN010929.D

Acq: 17 Jun 2020 05:41

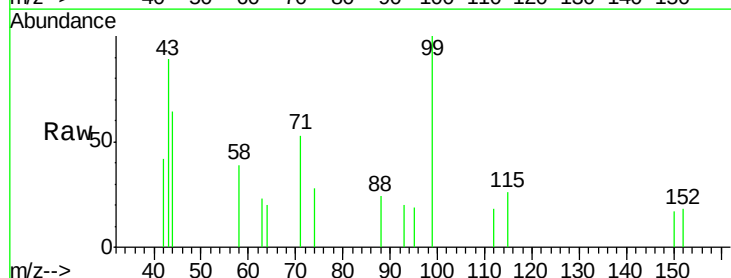
Tgt Ion: 99 Resp: 462

Ion Ratio Lower Upper

99 100

42 25.8 11.1 16.7#

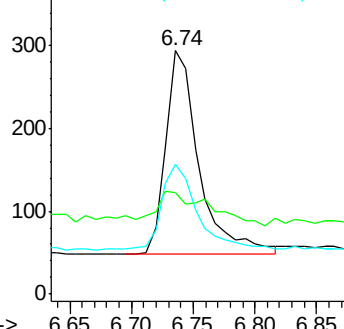
71 45.7 31.4 47.2



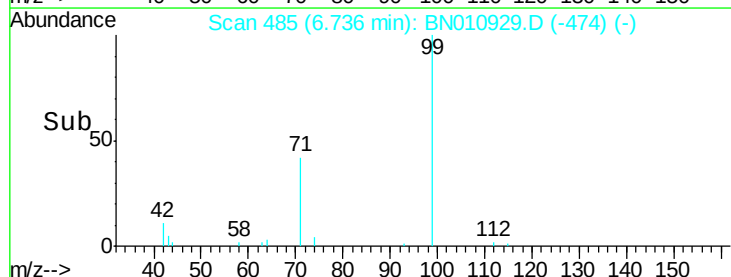
Abundance Ion 99.00 (98.70 to 99.70): BNO

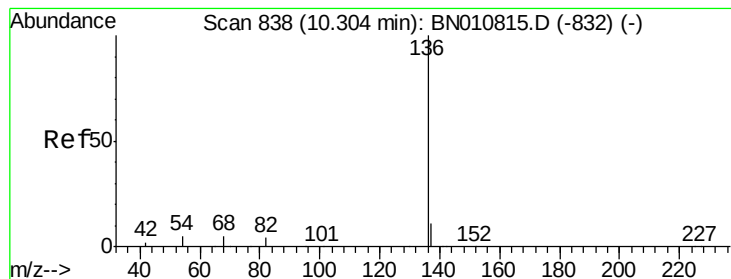
Ion 42.00 (41.70 to 42.70): BNO

Ion 71.00 (70.70 to 71.70): BNO



Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.29 min Scan# 837

Delta R.T. -0.01 min

Lab File: BN010929.D

Acq: 17 Jun 2020 05:41

Instrument :

BNA\_N

ClientSampleId :

RE123D2-20200612

Tot Ion:136 Resp: 7999

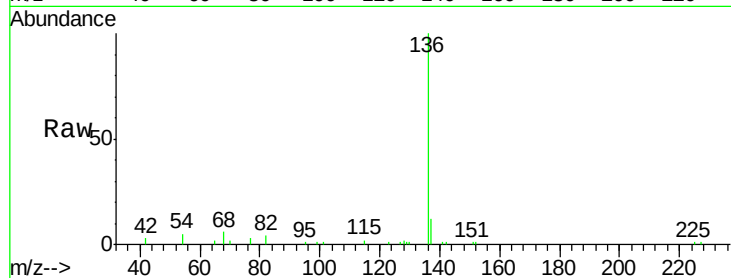
Ion Ratio Lower Upper

136 100

137 11.9 9.7 14.5

54 5.2 4.9 7.3

68 6.1 4.7 7.1

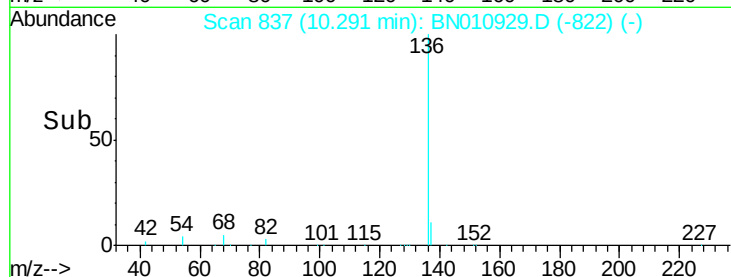


Abundance Ion 136.00 (135.70 to 136.70): E

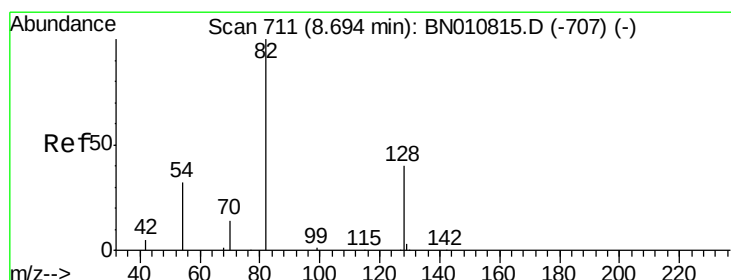
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



Time-->



#8

Nitrobenzene-d5

Concen: 0.397 ng

RT: 8.68 min Scan# 710

Delta R.T. 0.00 min

Lab File: BN010929.D

Acq: 17 Jun 2020 05:41

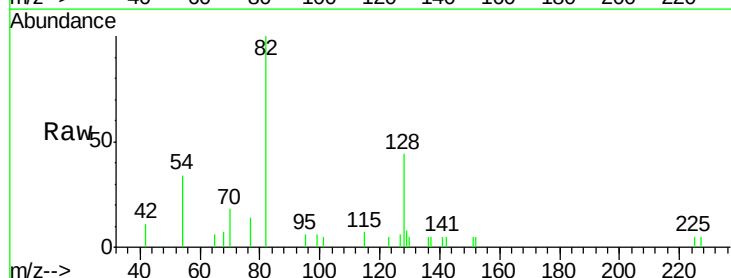
Tgt Ion: 82 Resp: 2351

Ion Ratio Lower Upper

82 100

128 44.3 35.4 53.0

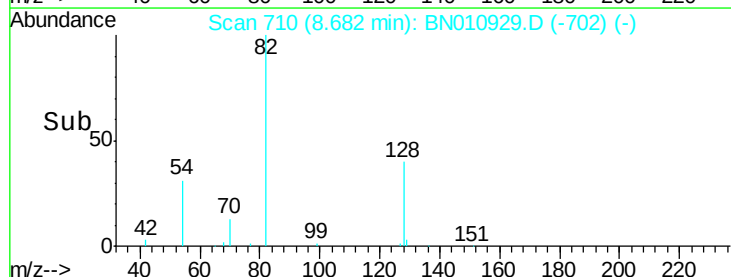
54 34.5 28.2 42.4



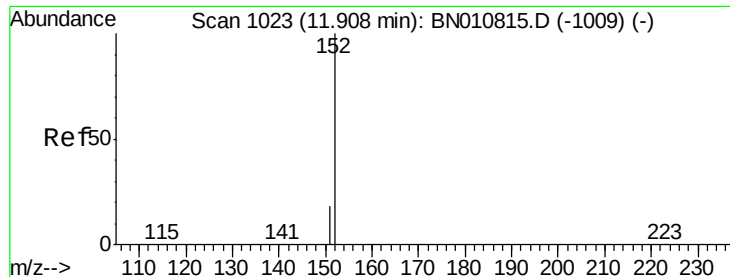
Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC



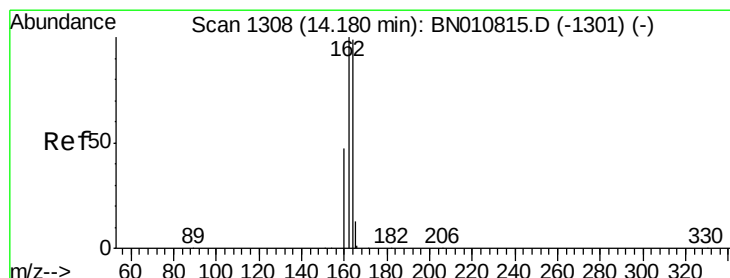
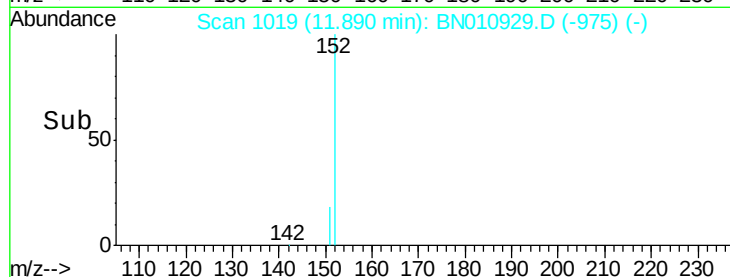
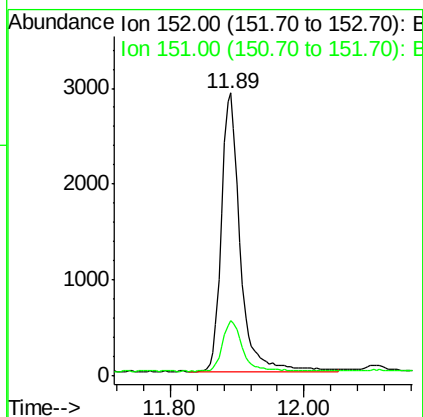
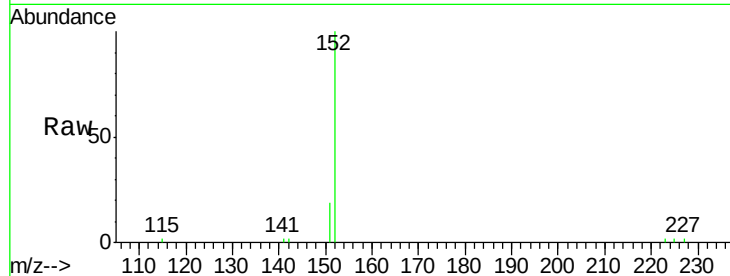
Time-->



#11  
2-Methylnaphthalene-d10  
Concen: 0.454 ng  
RT: 11.89 min Scan# 1019  
Delta R.T. -0.00 min  
Lab File: BN010929.D  
Acq: 17 Jun 2020 05:41

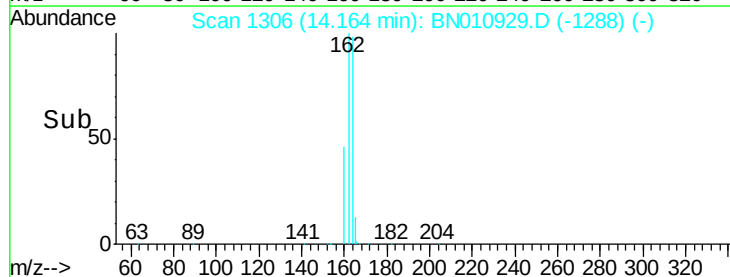
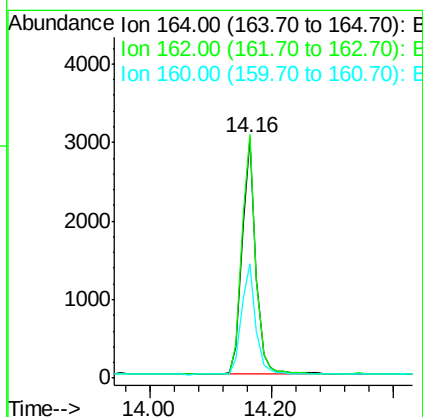
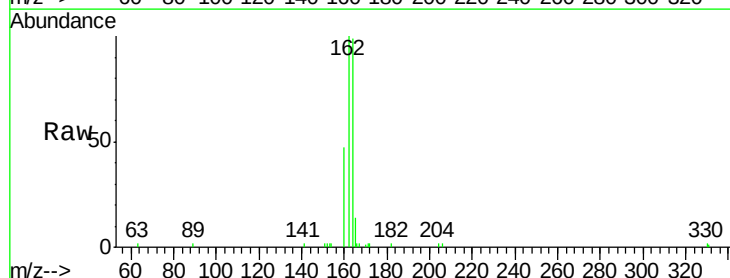
Instrument :  
BNA\_N  
ClientSampleId :  
RE123D2-20200612

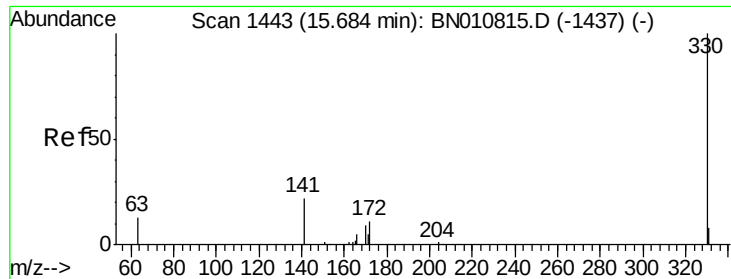
Tot Ion:152 Resp: 5630  
Ion Ratio Lower Upper  
152 100  
151 19.2 15.3 22.9



#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.16 min Scan# 1306  
Delta R.T. -0.00 min  
Lab File: BN010929.D  
Acq: 17 Jun 2020 05:41

Tgt Ion:164 Resp: 4706  
Ion Ratio Lower Upper  
164 100  
162 101.4 81.0 121.6  
160 47.4 38.9 58.3

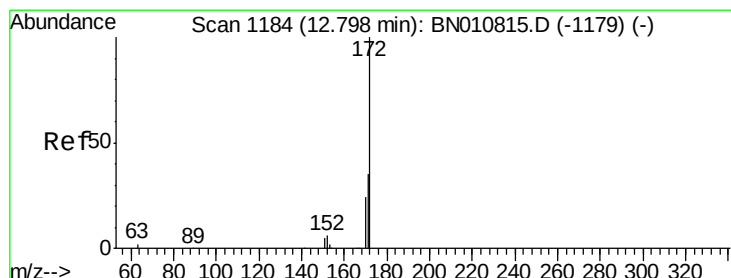
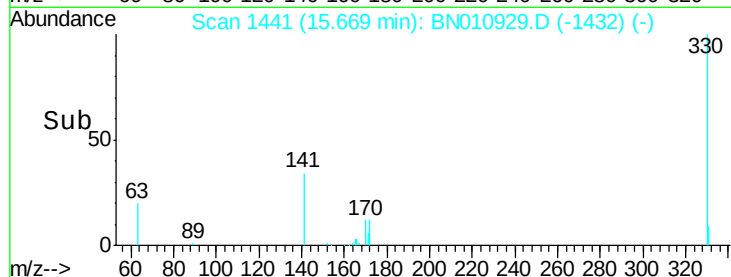
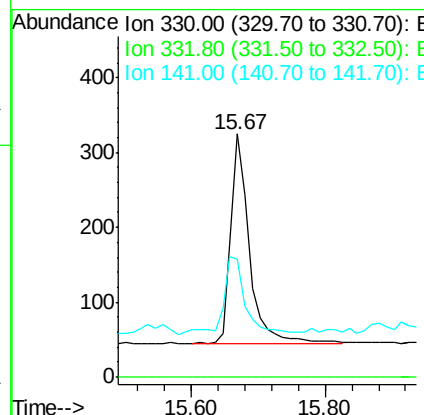
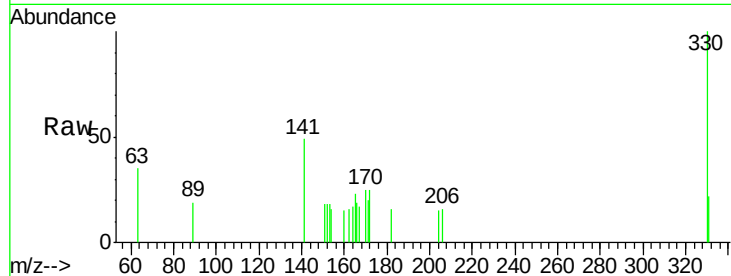




#14  
 2,4,6-Tribromophenol  
 Concen: 0.320 ng  
 RT: 15.67 min Scan# 1441  
 Delta R.T. -0.00 min  
 Lab File: BN010929.D  
 Acq: 17 Jun 2020 05:41

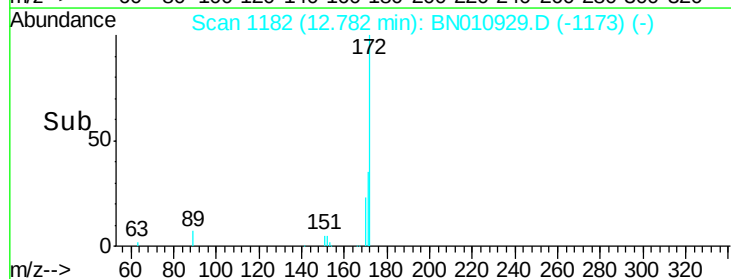
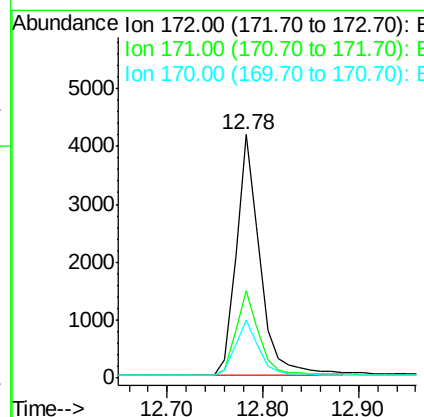
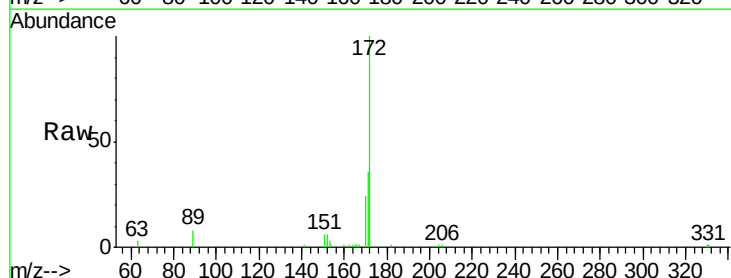
Instrument :  
 BNA\_N  
 ClientSampleId :  
 RE123D2-20200612

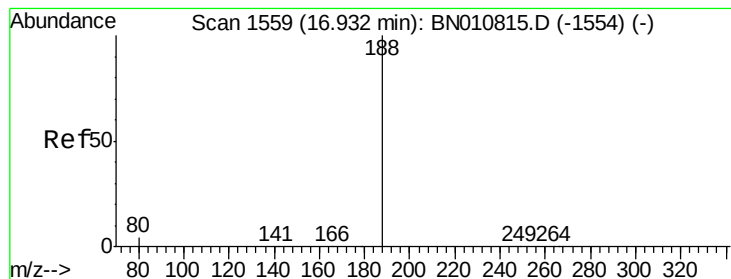
Tot Ion:330 Resp: 538  
 Ion Ratio Lower Upper  
 330 100  
 332 0.0 0.0 0.0  
 141 38.8 33.2 49.8



#15  
 2-Fluorobiphenyl  
 Concen: 0.387 ng  
 RT: 12.78 min Scan# 1182  
 Delta R.T. -0.00 min  
 Lab File: BN010929.D  
 Acq: 17 Jun 2020 05:41

Tgt Ion:172 Resp: 7195  
 Ion Ratio Lower Upper  
 172 100  
 171 35.8 28.5 42.7  
 170 23.9 19.7 29.5





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.92 min Scan# 1557

Delta R.T. -0.00 min

Lab File: BN010929.D

Acq: 17 Jun 2020 05:41

Instrument :

BNA\_N

ClientSampleId :

RE123D2-20200612

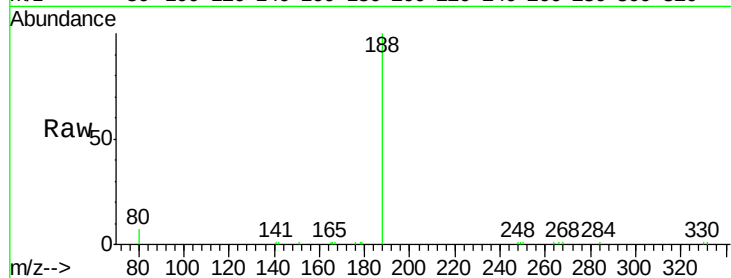
Tot Ion:188 Resp: 9062

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

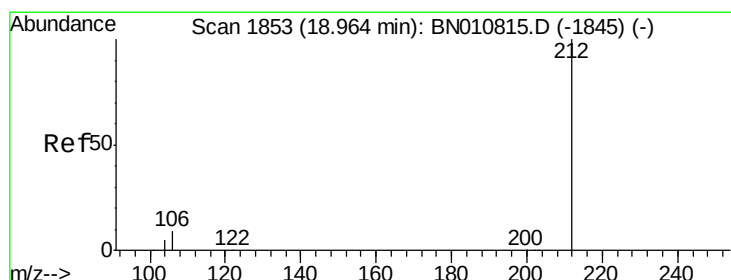
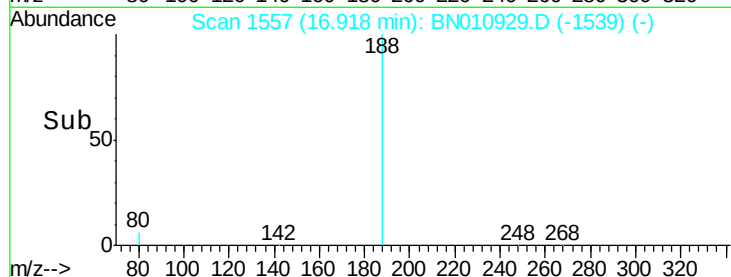
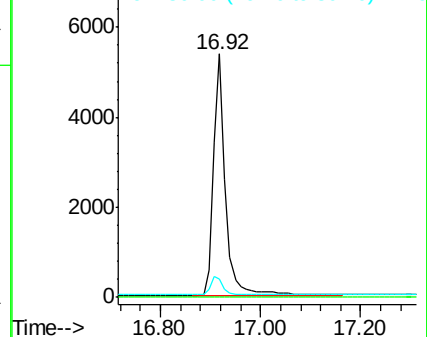
80 7.4 4.5 6.7#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNO

Ion 80.00 (79.70 to 80.70): BNO



#25

Fluoranthene-d10

Concen: 0.548 ng

RT: 18.95 min Scan# 1849

Delta R.T. -0.01 min

Lab File: BN010929.D

Acq: 17 Jun 2020 05:41

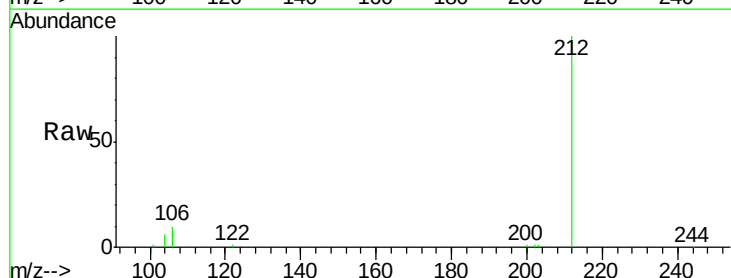
Tgt Ion:212 Resp: 13717

Ion Ratio Lower Upper

212 100

106 9.6 6.6 10.0

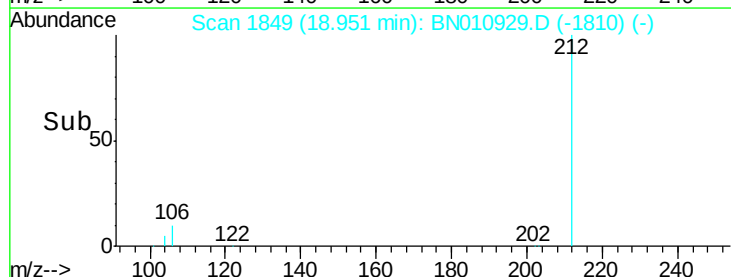
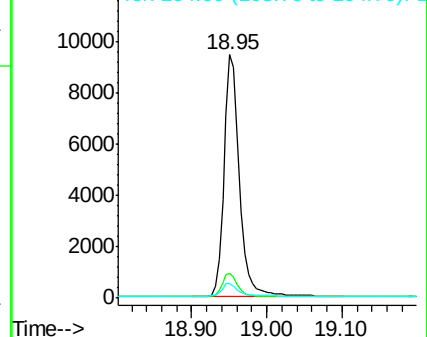
104 5.4 4.0 6.0



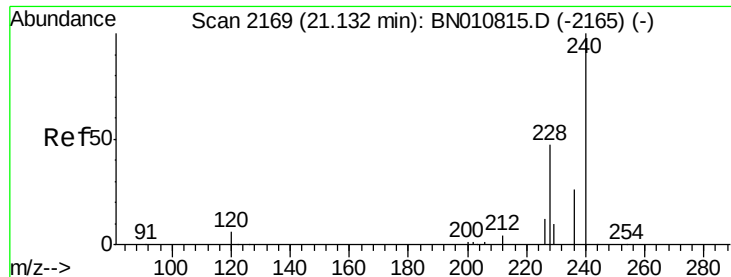
Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



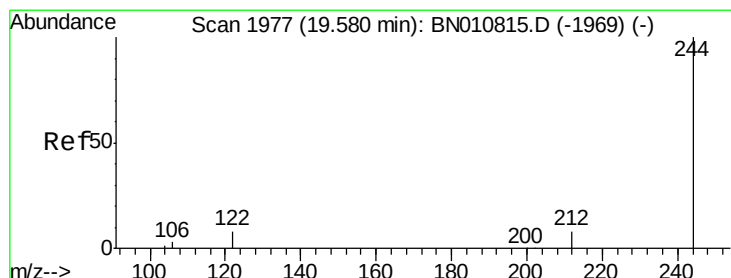
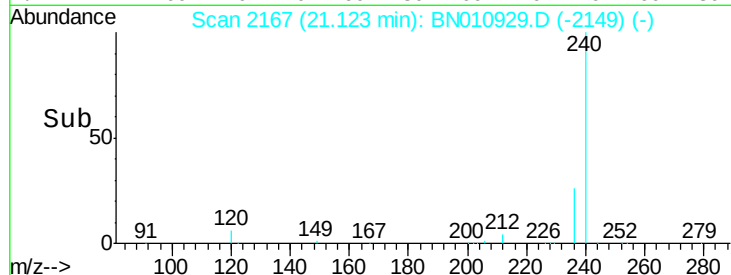
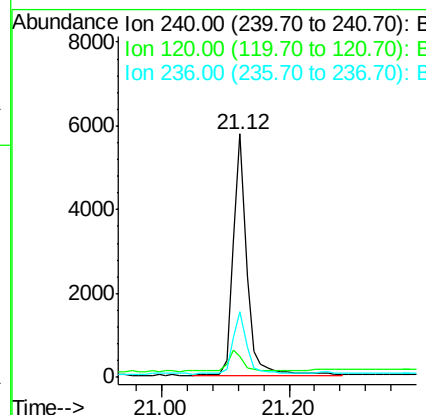
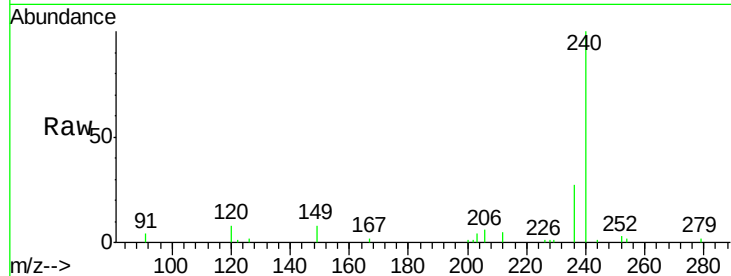




#27  
 Chrysene-d12  
 Concen: 0.400 ng  
 RT: 21.12 min Scan# 2167  
 Delta R.T. -0.01 min  
 Lab File: BN010929.D  
 Acq: 17 Jun 2020 05:41

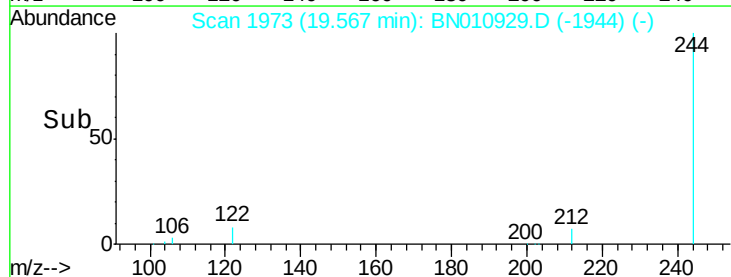
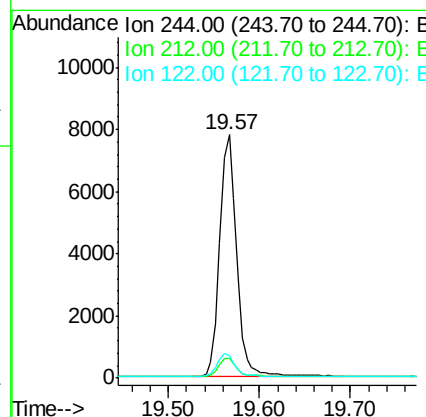
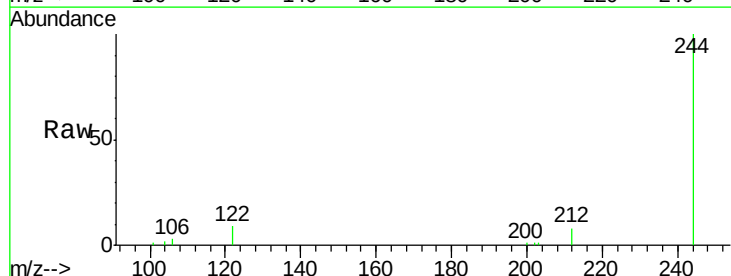
Instrument :  
 BNA\_N  
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 RE123D2-20200612

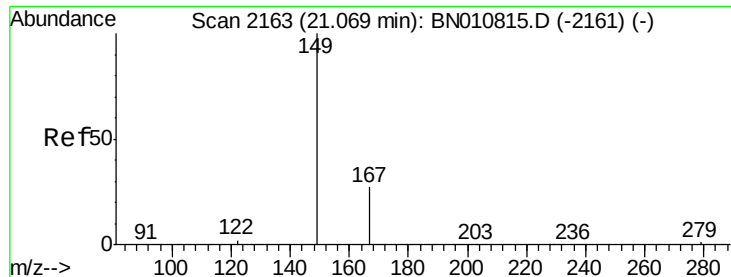
Tot Ion:240 Resp: 8440  
 Ion Ratio Lower Upper  
 240 100  
 120 8.3 7.5 11.3  
 236 27.1 22.3 33.5



#29  
 Terphenyl-d14  
 Concen: 0.504 ng  
 RT: 19.57 min Scan# 1973  
 Delta R.T. -0.01 min  
 Lab File: BN010929.D  
 Acq: 17 Jun 2020 05:41

Tgt Ion:244 Resp: 9949  
 Ion Ratio Lower Upper  
 244 100  
 212 8.2 7.4 11.2  
 122 9.1 7.5 11.3

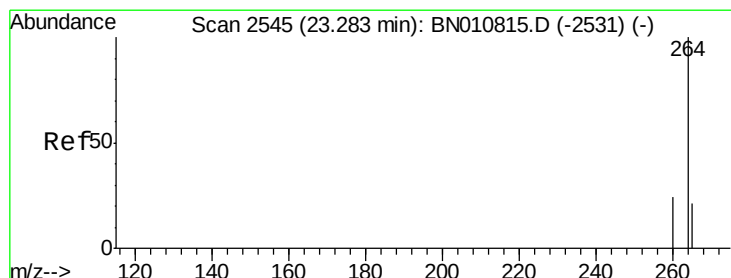
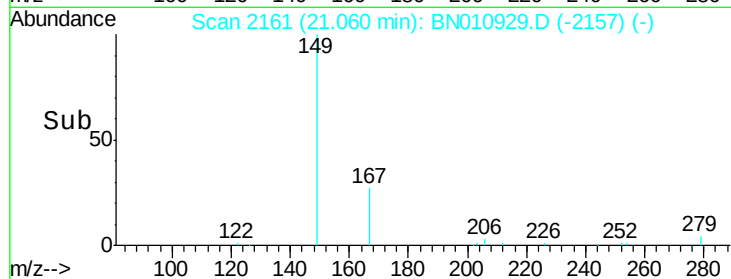
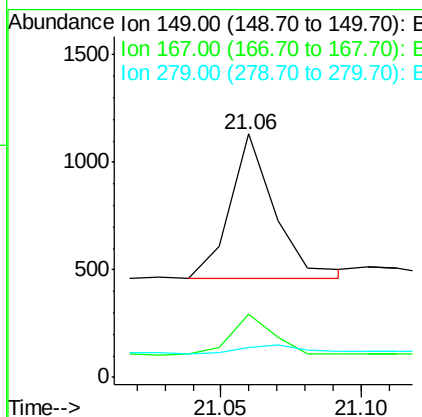
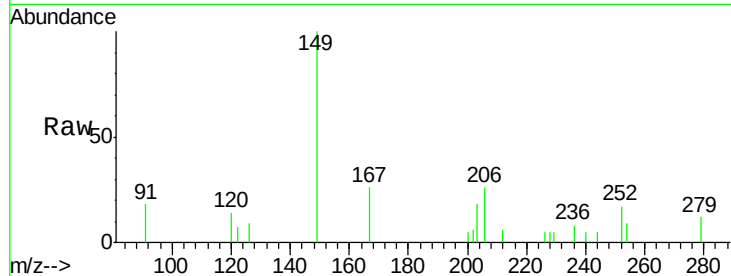




#32  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.092 ng  
 RT: 21.06 min Scan# 2161  
 Delta R.T. -0.01 min  
 Lab File: BN010929.D  
 Acq: 17 Jun 2020 05:41

Instrument :  
 BNA\_N  
 ClientSampleId :  
 RE123D2-20200612

Tot Ion:149 Resp: 758  
 Ion Ratio Lower Upper  
 149 100  
 167 26.9 24.1 36.1  
 279 7.7 4.6 7.0#



#34  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 23.27 min Scan# 2539  
 Delta R.T. -0.01 min  
 Lab File: BN010929.D  
 Acq: 17 Jun 2020 05:41

Tgt Ion:264 Resp: 8662  
 Ion Ratio Lower Upper  
 264 100  
 260 24.8 20.4 30.6  
 265 83.6 75.0 112.4

