

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061920\  
 Data File : BN010997.D  
 Acq On : 20 Jun 2020 09:47  
 Operator : CG/JU  
 Sample : L3043-21  
 Misc :  
 ALS Vial : 33 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 EB-20200616

Quant Time: Jun 22 00:30:33 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jun 19 12:43:49 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.53  | 152  | 2002     | 0.40 | ng    | 0.00     |
| 7) Naphthalene-d8         | 10.28 | 136  | 7051     | 0.40 | ng    | 0.00     |
| 13) Acenaphthene-d10      | 14.15 | 164  | 4144     | 0.40 | ng    | -0.01    |
| 19) Phenanthrene-d10      | 16.91 | 188  | 8280     | 0.40 | ng    | 0.01     |
| 27) Chrysene-d12          | 21.12 | 240  | 8106     | 0.40 | ng    | 0.00     |
| 34) Perylene-d12          | 23.26 | 264  | 9258     | 0.40 | ng    | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|-----------------------------|-------|------|----------|------|-------|----------|
| 4) 2-Fluorophenol           | 5.18  | 112  | 652      | 0.17 | ng    | 0.00     |
| 5) Phenol-d6                | 6.73  | 99   | 457      | 0.10 | ng    | 0.00     |
| 8) Nitrobenzene-d5          | 8.67  | 82   | 2160     | 0.41 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10 | 11.88 | 152  | 3183     | 0.29 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol    | 15.66 | 330  | 580      | 0.39 | ng    | 0.01     |
| 15) 2-Fluorobiphenyl        | 12.78 | 172  | 6491     | 0.40 | ng    | 0.00     |
| 25) Fluoranthene-d10        | 18.94 | 212  | 9066     | 0.40 | ng    | 0.00     |
| 29) Terphenyl-d14           | 19.56 | 244  | 11129    | 0.59 | ng    | 0.00     |

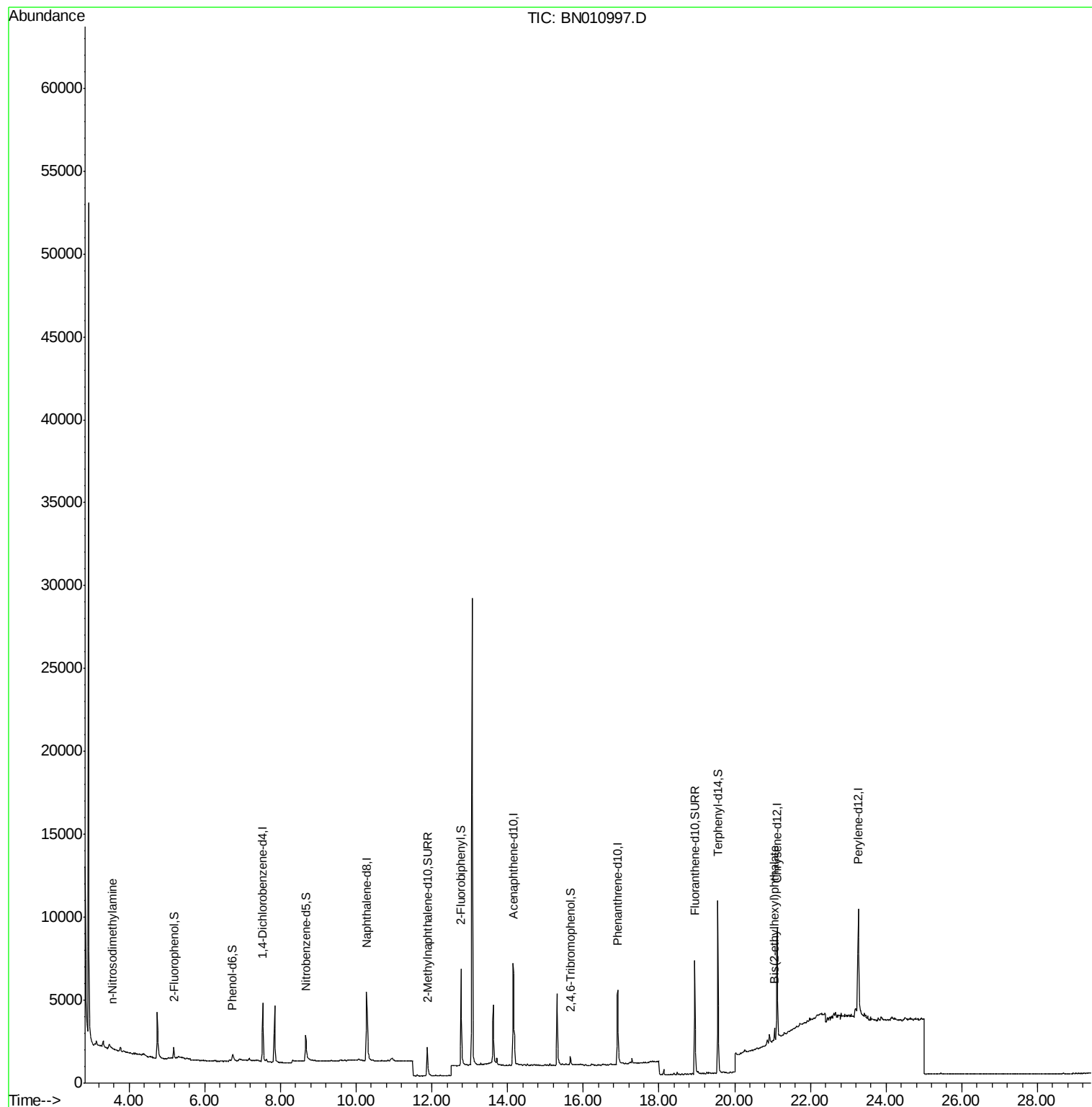
| Target Compounds               | R.T.  | QIon | Response | Conc  | Units | Qvalue |
|--------------------------------|-------|------|----------|-------|-------|--------|
| 3) n-Nitrosodimethylamine      | 3.55  | 42   | 30       | 0.026 | ng    | # 1    |
| 32) Bis(2-ethylhexyl)phthalate | 21.06 | 149  | 603      | 0.076 | ng    | 99     |

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

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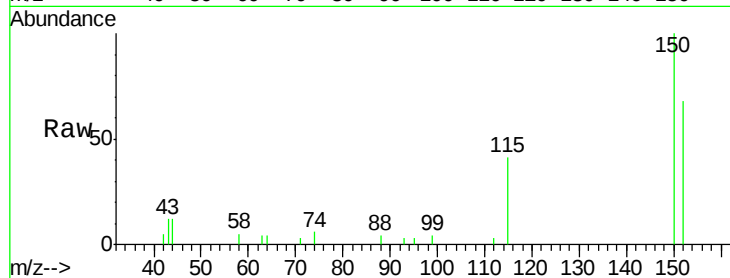


#1

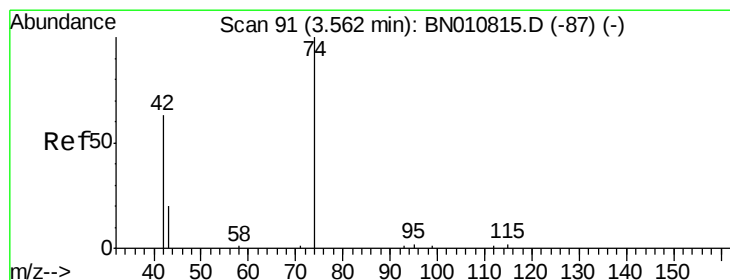
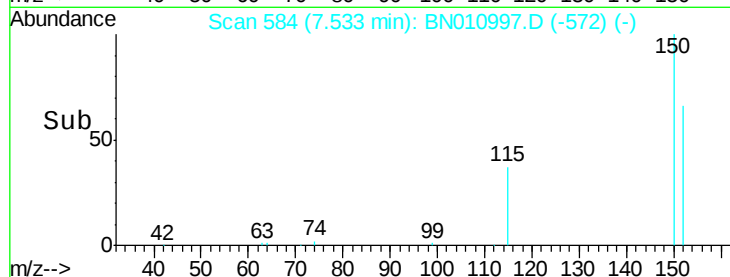
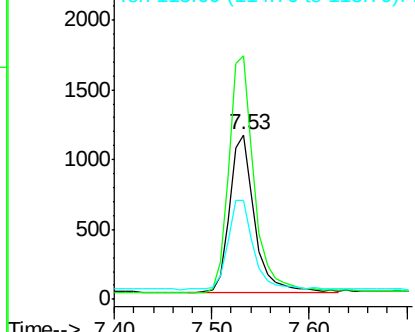
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.53 min Scan# 584  
Delta R.T. -0.00 min  
Lab File: BN010997.D  
Acq: 20 Jun 2020 09:47

Instrument :  
BNA\_N  
ClientSampleId :  
EB-20200616

Tot Ion:152 Resp: 2002  
Ion Ratio Lower Upper  
152 100  
150 147.8 123.8 185.6  
115 60.1 49.2 73.8



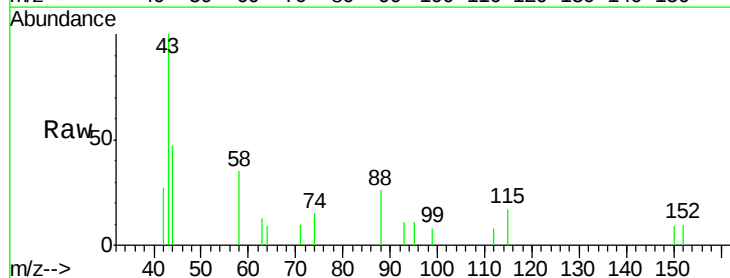
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



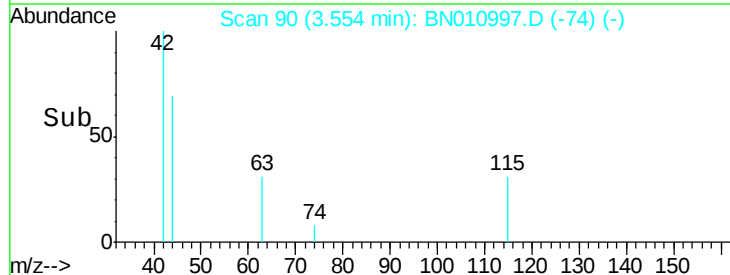
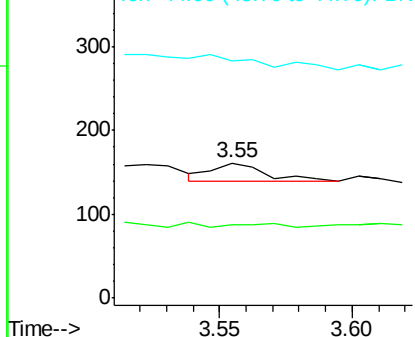
#3

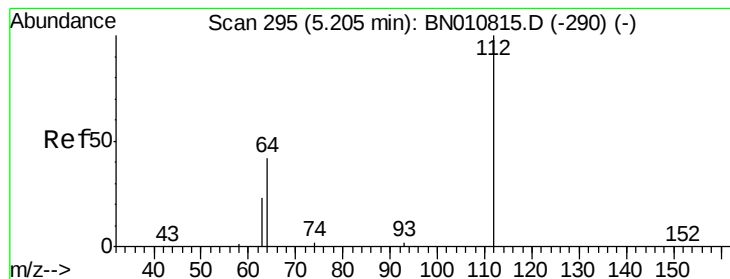
n-Nitrosodimethylamine  
Concen: 0.026 ng  
RT: 3.55 min Scan# 90  
Delta R.T. 0.03 min  
Lab File: BN010997.D  
Acq: 20 Jun 2020 09:47

Tgt Ion: 42 Resp: 30  
Ion Ratio Lower Upper  
42 100  
74 13.3 140.7 211.1#  
44 0.0 1.4 2.2#



Abundance Ion 42.00 (41.70 to 42.70): BNC  
Ion 74.00 (73.70 to 74.70): BNC  
Ion 44.00 (43.70 to 44.70): BNC





#4

2-Fluorophenol

Concen: 0.169 ng

RT: 5.18 min Scan# 292

Delta R.T. -0.00 min

Lab File: BN010997.D

Acq: 20 Jun 2020 09:47

Instrument :

BNA\_N

ClientSampleId :

EB-20200616

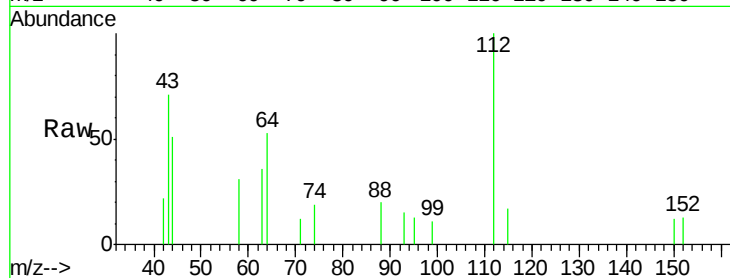
Tot Ion: 112 Resp: 652

Ion Ratio Lower Upper

112 100

64 47.5 37.4 56.0

63 26.8 22.2 33.4



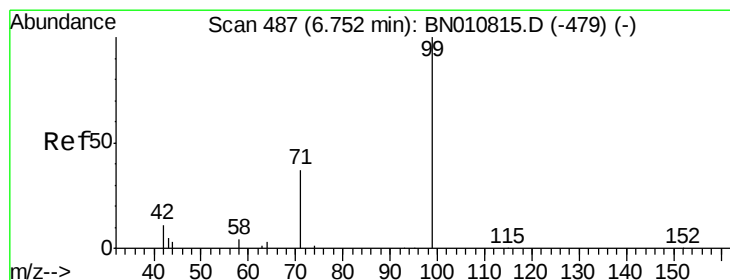
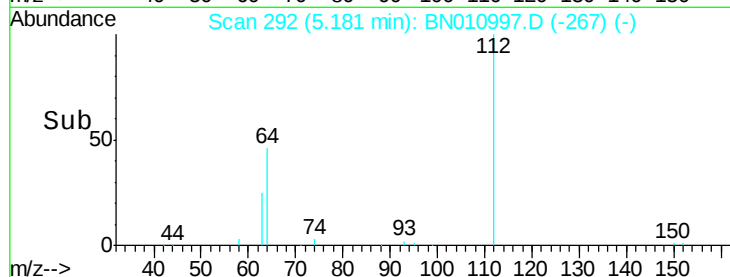
Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B

5.18

Time-->



#5

Phenol-d6

Concen: 0.100 ng

RT: 6.73 min Scan# 484

Delta R.T. -0.00 min

Lab File: BN010997.D

Acq: 20 Jun 2020 09:47

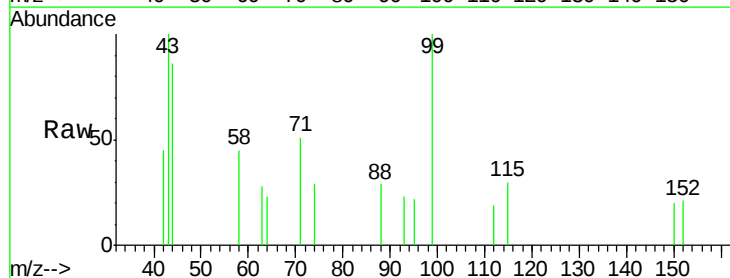
Tgt Ion: 99 Resp: 457

Ion Ratio Lower Upper

99 100

42 19.7 11.1 16.7#

71 39.2 31.4 47.2



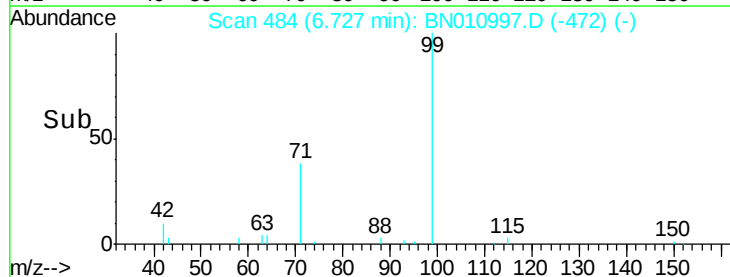
Abundance Ion 99.00 (98.70 to 99.70): B

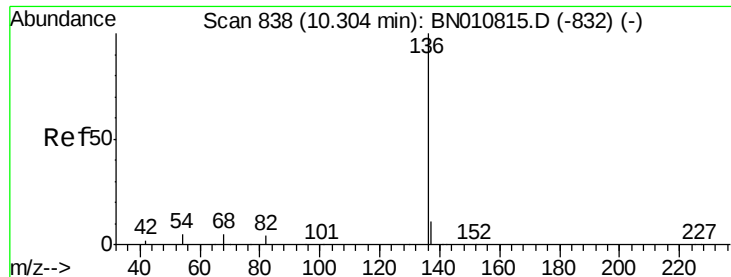
Ion 42.00 (41.70 to 42.70): B

Ion 71.00 (70.70 to 71.70): B

6.73

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.28 min Scan# 836

Delta R.T. -0.00 min

Lab File: BN010997.D

Acq: 20 Jun 2020 09:47

Instrument :

BNA\_N

ClientSampleId :

EB-20200616

Tot Ion:136 Resp: 7051

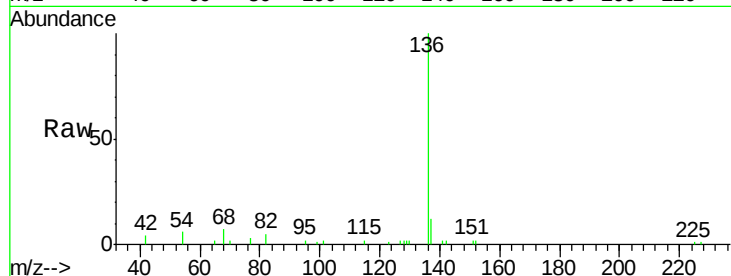
Ion Ratio Lower Upper

136 100

137 12.1 9.7 14.5

54 5.8 4.9 7.3

68 6.7 4.7 7.1

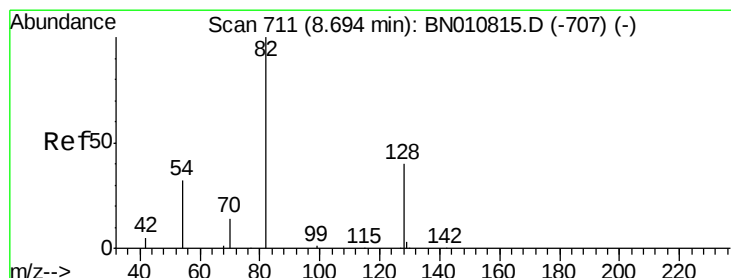
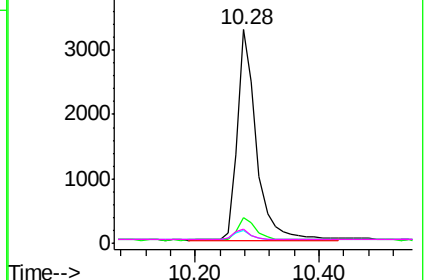
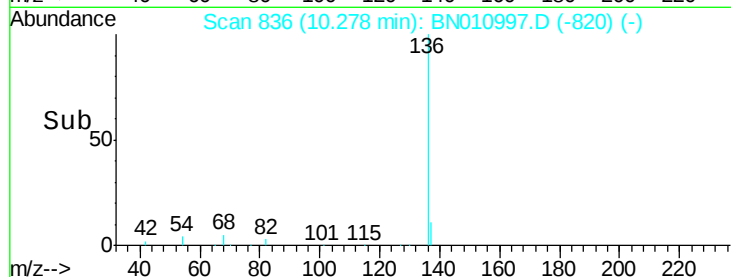


Abundance Ion 136.00 (135.70 to 136.70): E

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



#8

Nitrobenzene-d5

Concen: 0.414 ng

RT: 8.67 min Scan# 709

Delta R.T. -0.00 min

Lab File: BN010997.D

Acq: 20 Jun 2020 09:47

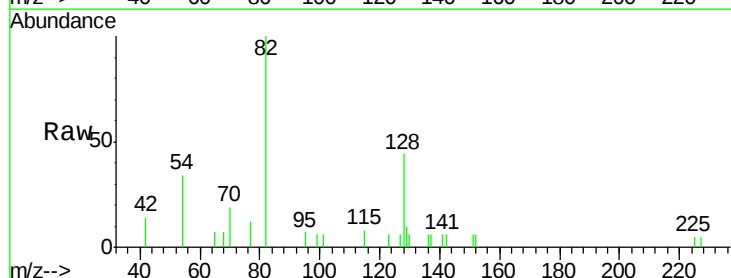
Tgt Ion: 82 Resp: 2160

Ion Ratio Lower Upper

82 100

128 44.1 35.4 53.0

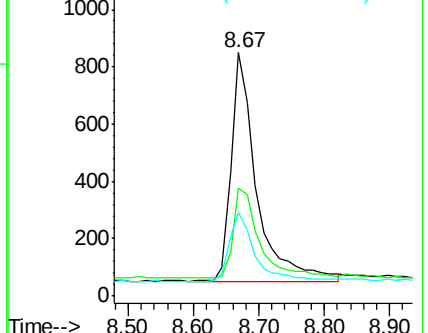
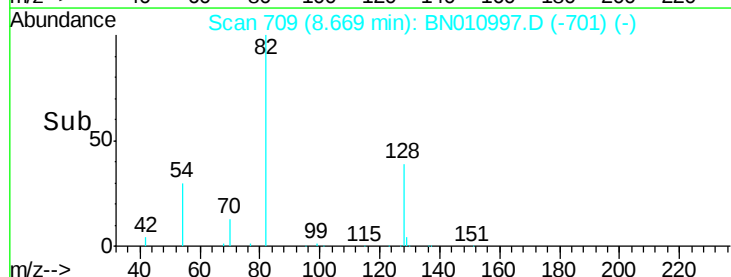
54 34.4 28.2 42.4

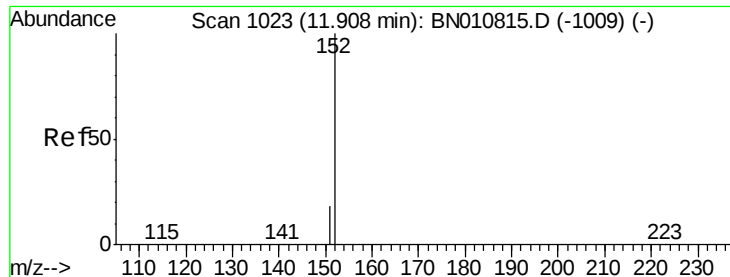


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC

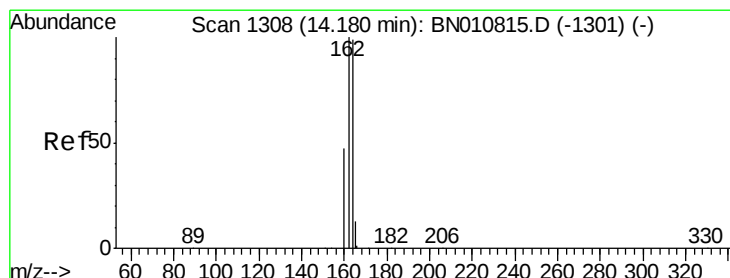
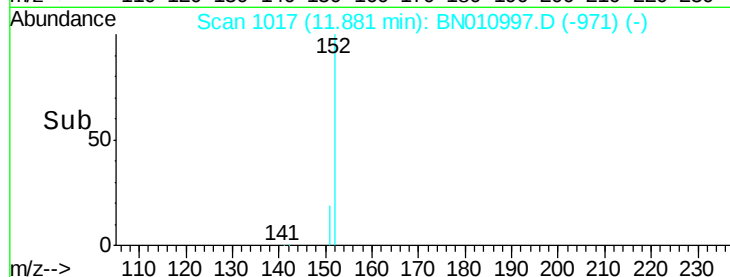
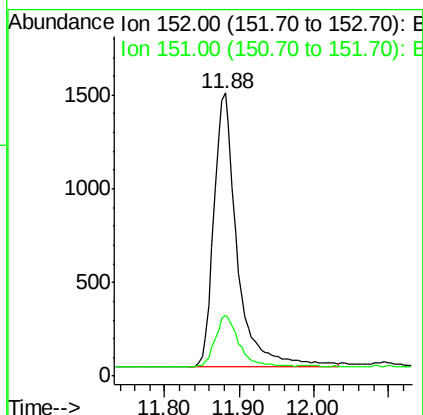
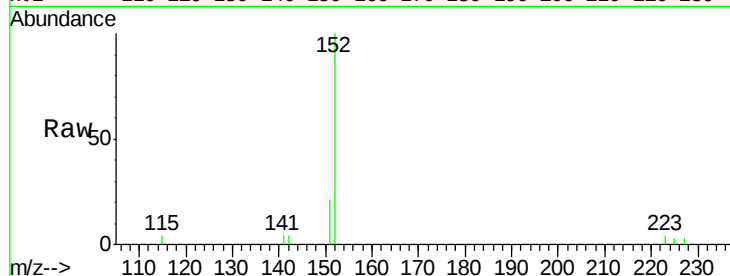




#11  
2-Methylnaphthalene-d10  
Concen: 0.291 ng  
RT: 11.88 min Scan# 1017  
Delta R.T. 0.00 min  
Lab File: BN010997.D  
Acq: 20 Jun 2020 09:47

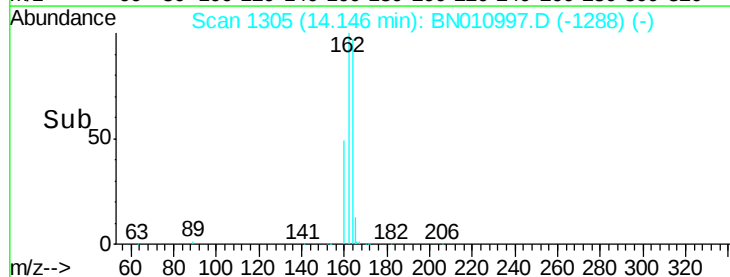
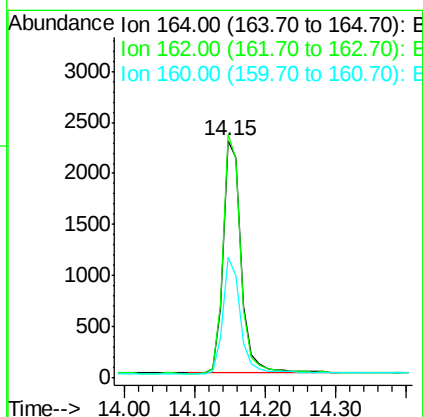
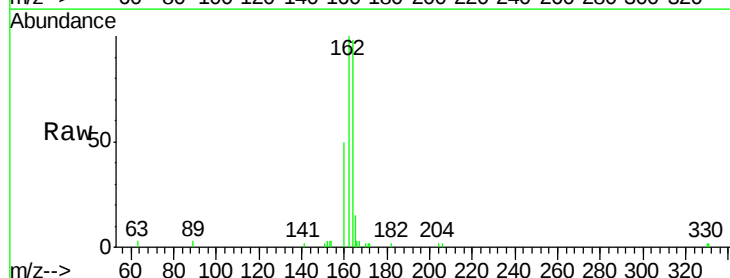
Instrument :  
BNA\_N  
ClientSampleId :  
EB-20200616

Tot Ion:152 Resp: 3183  
Ion Ratio Lower Upper  
152 100  
151 19.5 15.3 22.9



#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.15 min Scan# 1305  
Delta R.T. -0.01 min  
Lab File: BN010997.D  
Acq: 20 Jun 2020 09:47

Tgt Ion:164 Resp: 4144  
Ion Ratio Lower Upper  
164 100  
162 102.5 81.0 121.6  
160 50.8 38.9 58.3

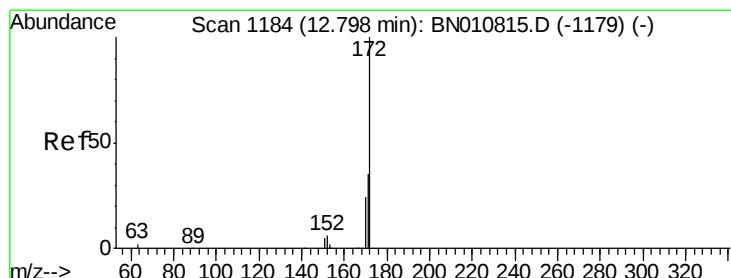
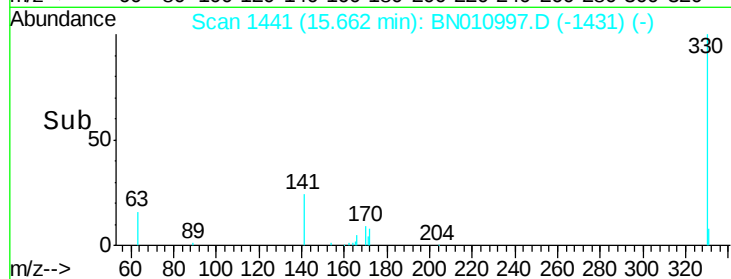
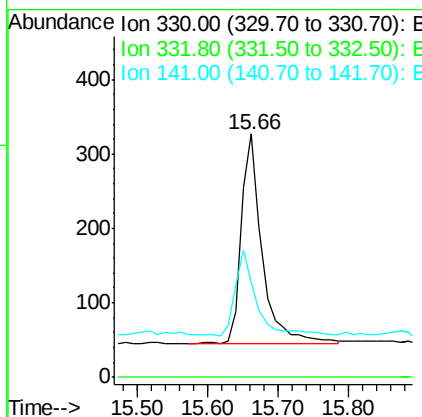
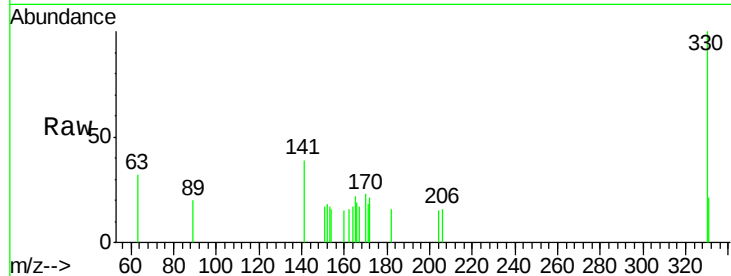




#14  
 2,4,6-Tribromophenol  
 Concen: 0.391 ng  
 RT: 15.66 min Scan# 1441  
 Delta R.T. 0.01 min  
 Lab File: BN010997.D  
 Acq: 20 Jun 2020 09:47

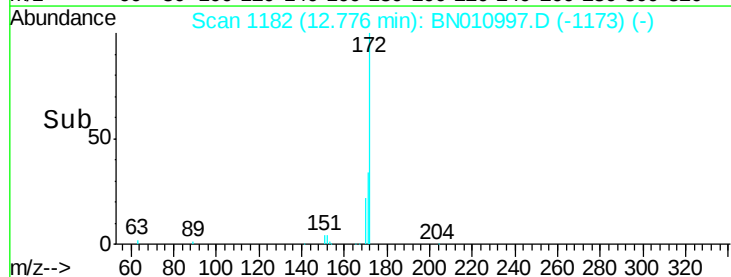
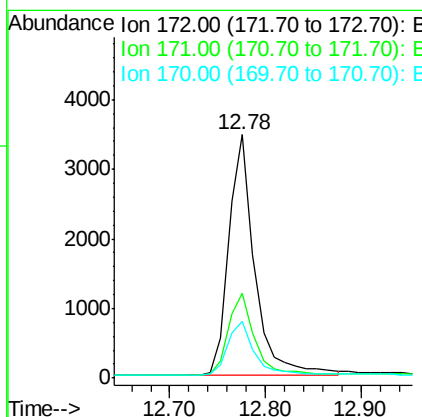
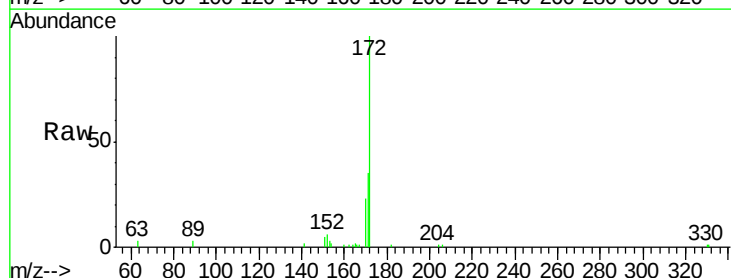
Instrument :  
 BNA\_N  
 ClientSampleId :  
 EB-20200616

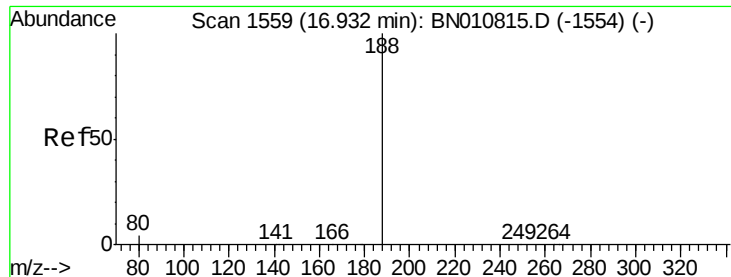
Tot Ion:330 Resp: 580  
 Ion Ratio Lower Upper  
 330 100  
 332 0.0 0.0 0.0  
 141 39.7 33.2 49.8



#15  
 2-Fluorobiphenyl  
 Concen: 0.397 ng  
 RT: 12.78 min Scan# 1182  
 Delta R.T. -0.00 min  
 Lab File: BN010997.D  
 Acq: 20 Jun 2020 09:47

Tgt Ion:172 Resp: 6491  
 Ion Ratio Lower Upper  
 172 100  
 171 35.0 28.5 42.7  
 170 23.4 19.7 29.5





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.91 min Scan# 1557

Delta R.T. 0.01 min

Lab File: BN010997.D

Acq: 20 Jun 2020 09:47

Instrument :

BNA\_N

ClientSampleId :

EB-20200616

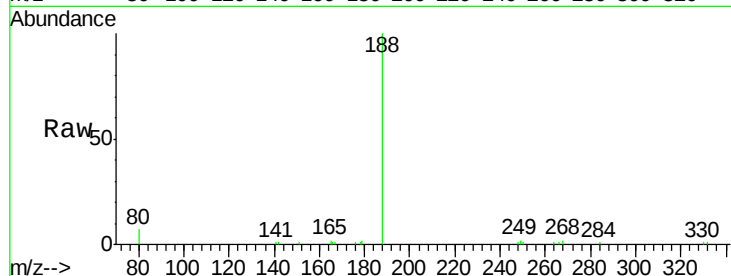
Tot Ion:188 Resp: 8280

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

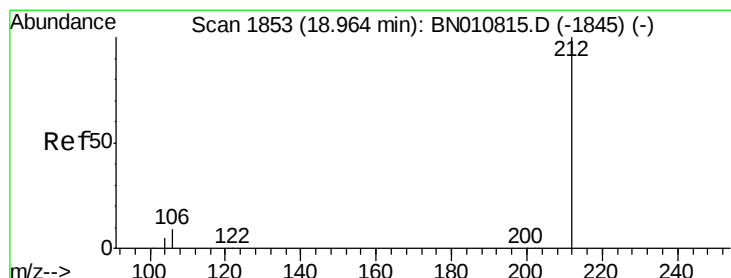
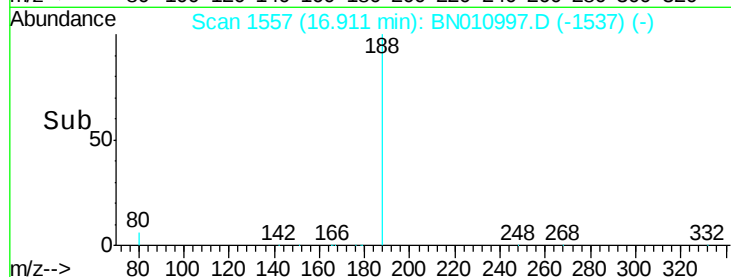
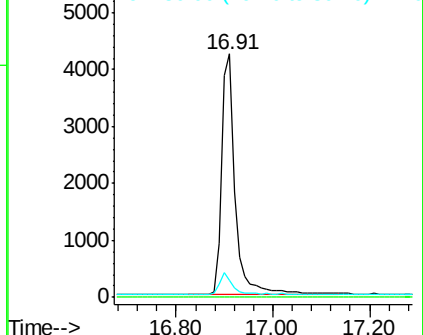
80 7.1 4.5 6.7#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC



#25

Fluoranthene-d10

Concen: 0.397 ng

RT: 18.94 min Scan# 1849

Delta R.T. -0.00 min

Lab File: BN010997.D

Acq: 20 Jun 2020 09:47

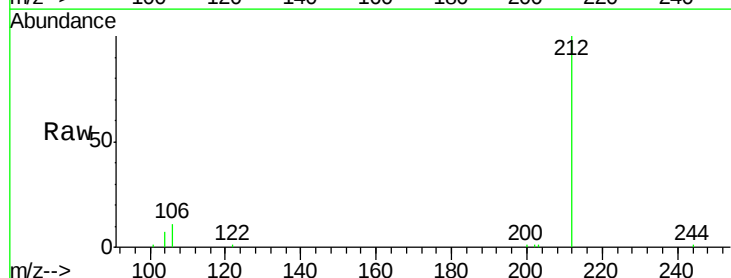
Tgt Ion:212 Resp: 9066

Ion Ratio Lower Upper

212 100

106 9.8 6.6 10.0

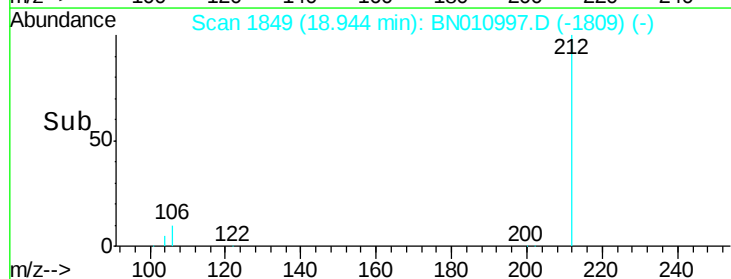
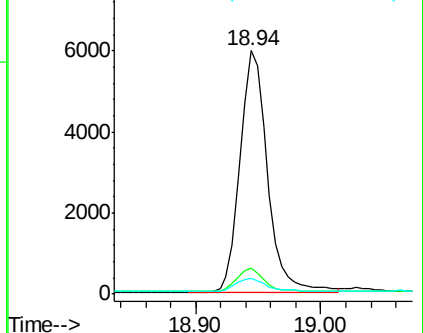
104 5.6 4.0 6.0



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

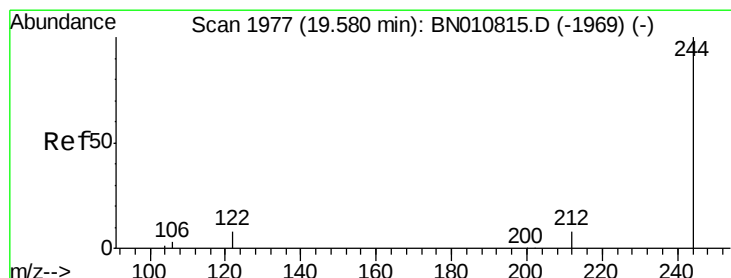
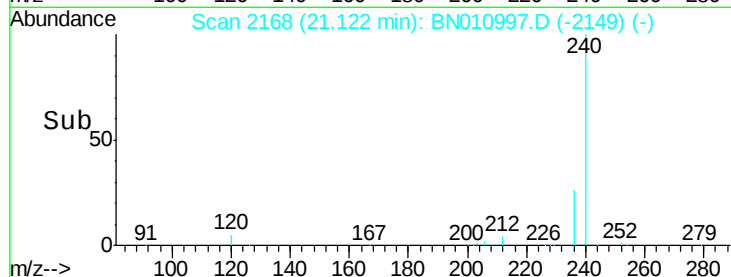
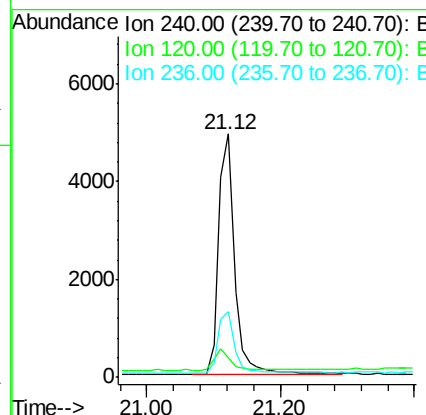
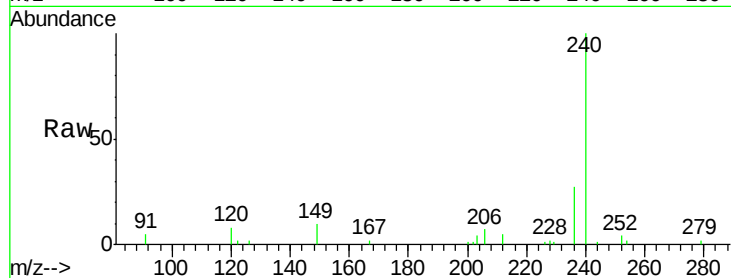




#27  
 Chrysene-d12  
 Concen: 0.400 ng  
 RT: 21.12 min Scan# 2168  
 Delta R.T. -0.00 min  
 Lab File: BN010997.D  
 Acq: 20 Jun 2020 09:47

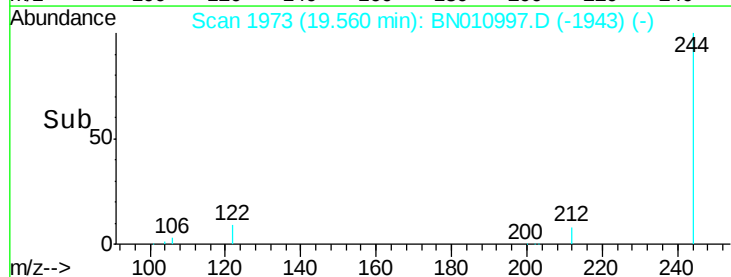
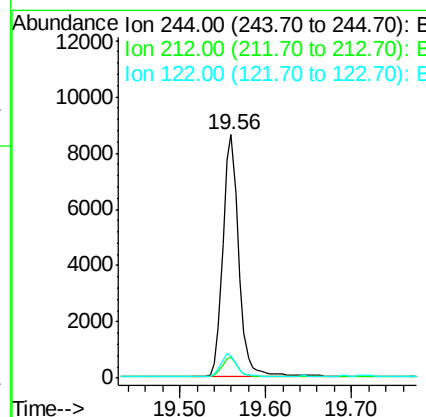
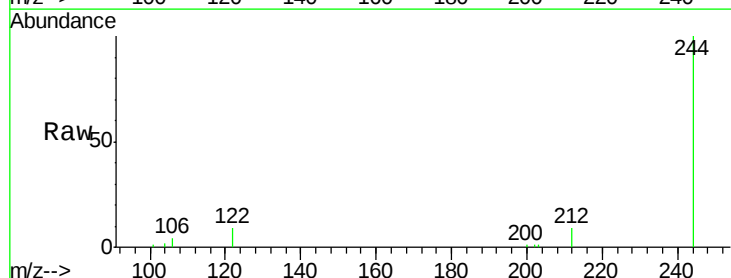
Instrument :  
 BNA\_N  
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 EB-20200616

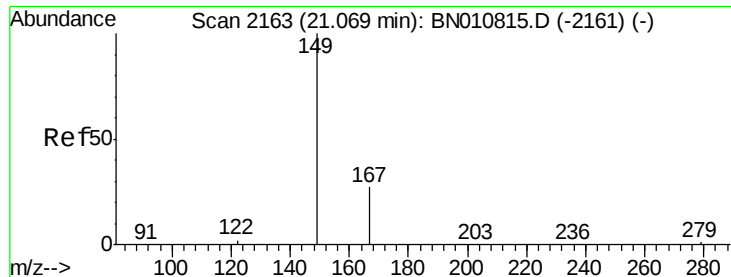
Tot Ion:240 Resp: 8106  
 Ion Ratio Lower Upper  
 240 100  
 120 7.9 7.5 11.3  
 236 27.1 22.3 33.5



#29  
 Terphenyl-d14  
 Concen: 0.587 ng  
 RT: 19.56 min Scan# 1973  
 Delta R.T. -0.00 min  
 Lab File: BN010997.D  
 Acq: 20 Jun 2020 09:47

Tgt Ion:244 Resp: 11129  
 Ion Ratio Lower Upper  
 244 100  
 212 8.5 7.4 11.2  
 122 9.2 7.5 11.3

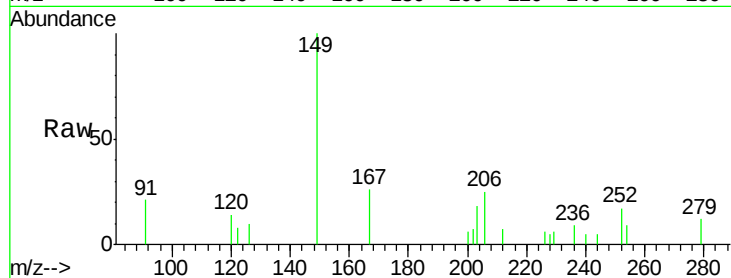




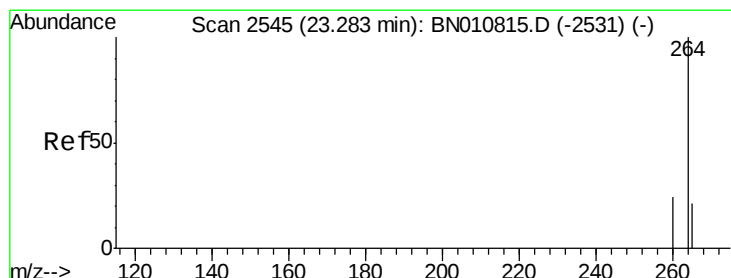
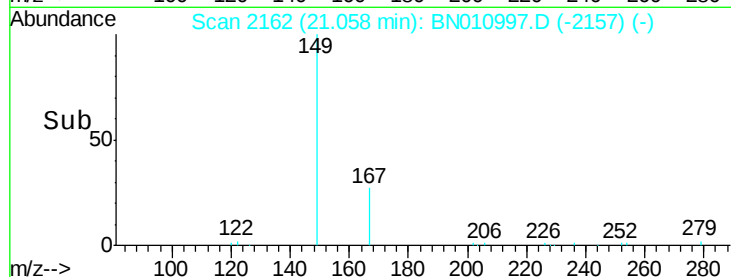
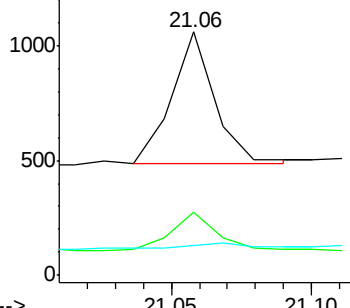
#32  
Bis(2-ethylhexyl)phthalate  
Concen: 0.076 ng  
RT: 21.06 min Scan# 2162  
Delta R.T. -0.00 min  
Lab File: BN010997.D  
Acq: 20 Jun 2020 09:47

Instrument :  
BNA\_N  
ClientSampleId :  
EB-20200616

Tot Ion:149 Resp: 603  
Ion Ratio Lower Upper  
149 100  
167 30.8 24.1 36.1  
279 5.5 4.6 7.0

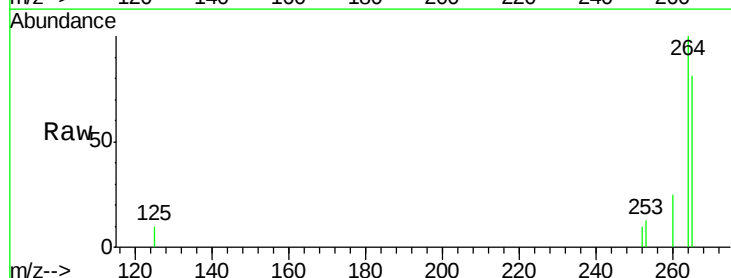


Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 167.00 (166.70 to 167.70): E  
Ion 279.00 (278.70 to 279.70): E



#34  
Perylene-d12  
Concen: 0.400 ng  
RT: 23.26 min Scan# 2539  
Delta R.T. -0.00 min  
Lab File: BN010997.D  
Acq: 20 Jun 2020 09:47

Tgt Ion:264 Resp: 9258  
Ion Ratio Lower Upper  
264 100  
260 25.2 20.4 30.6  
265 80.8 75.0 112.4



Abundance Ion 264.00 (263.70 to 264.70): E  
Ion 260.00 (259.70 to 260.70): E  
Ion 265.00 (264.70 to 265.70): E

