

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091520\  
 Data File : BN011809.D  
 Acq On : 15 Sep 2020 20:29  
 Operator : CG/JU  
 Sample : L3988-13  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SA-PZ188I-20200909

Quant Time: Sep 16 03:00:55 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091520.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Sep 15 14:55:25 2020  
 Response via : Initial Calibration

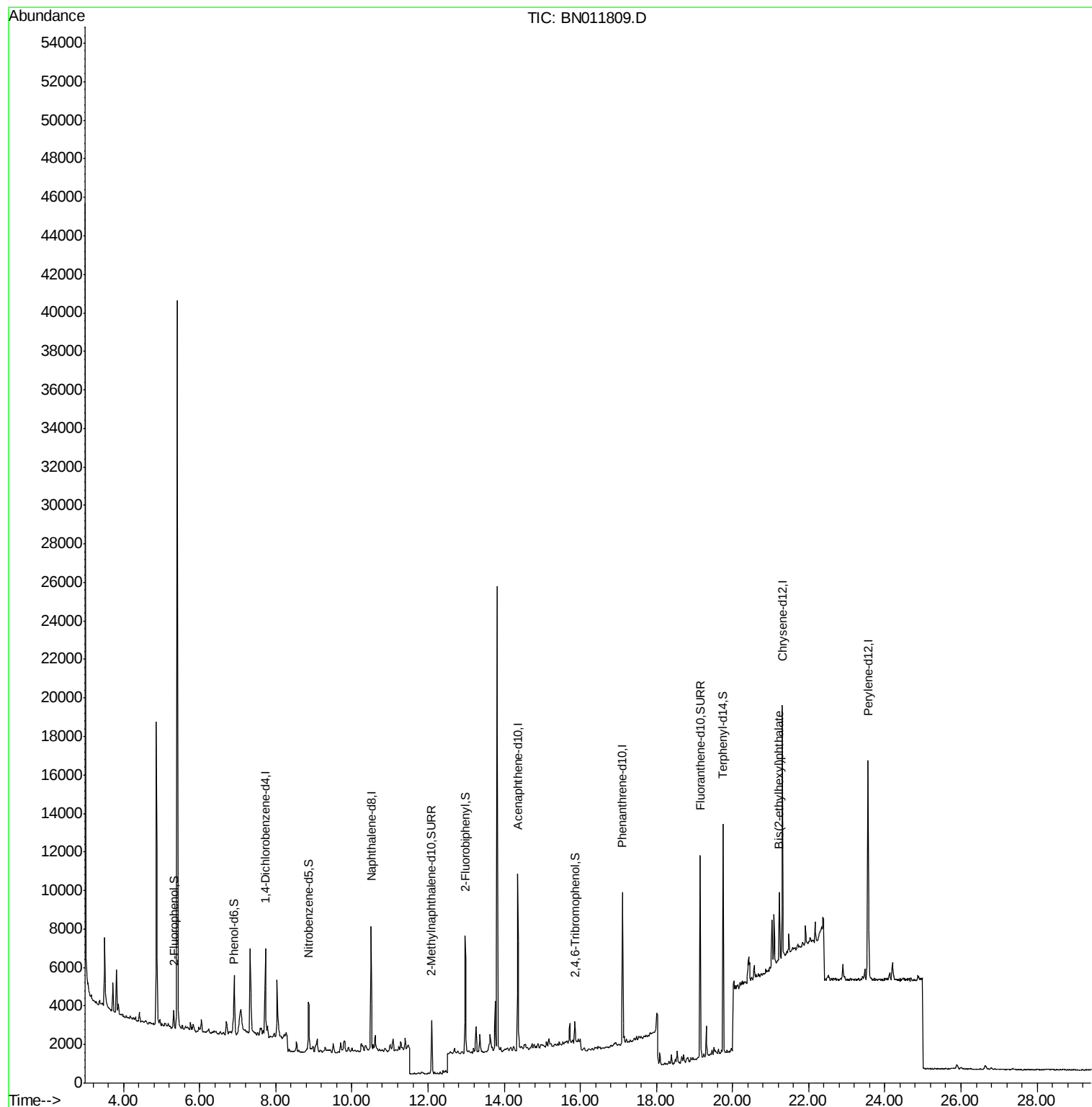
| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4      | 7.72  | 152  | 2203     | 0.40  | ng    | 0.00     |
| 7) Naphthalene-d8              | 10.50 | 136  | 8383     | 0.40  | ng    | 0.00     |
| 13) Acenaphthene-d10           | 14.36 | 164  | 5199     | 0.40  | ng    | 0.00     |
| 19) Phenanthrene-d10           | 17.10 | 188  | 11567    | 0.40  | ng    | 0.00     |
| 29) Chrysene-d12               | 21.31 | 240  | 13823    | 0.40  | ng    | 0.00     |
| 36) Perylene-d12               | 23.56 | 264  | 15240    | 0.40  | ng    | 0.00     |
| System Monitoring Compounds    |       |      |          |       |       |          |
| 4) 2-Fluorophenol              | 5.32  | 112  | 649      | 0.11  | ng    | 0.00     |
| 5) Phenol-d6                   | 6.89  | 99   | 509      | 0.06  | ng    | 0.00     |
| 8) Nitrobenzene-d5             | 8.86  | 82   | 2216     | 0.24  | ng    | -0.01    |
| 11) 2-Methylnaphthalene-d10    | 12.10 | 152  | 3579     | 0.23  | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol       | 15.85 | 330  | 798      | 0.28  | ng    | 0.00     |
| 15) 2-Fluorobiphenyl           | 12.97 | 172  | 5416     | 0.23  | ng    | -0.01    |
| 27) Fluoranthene-d10           | 19.15 | 212  | 12023    | 0.32  | ng    | 0.00     |
| 31) Terphenyl-d14              | 19.75 | 244  | 11603    | 0.25  | ng    | 0.00     |
| Target Compounds               |       |      |          |       |       | Qvalue   |
| 34) Bis(2-ethylhexyl)phthalate | 21.23 | 149  | 3931     | 0.174 | ng    | 96       |

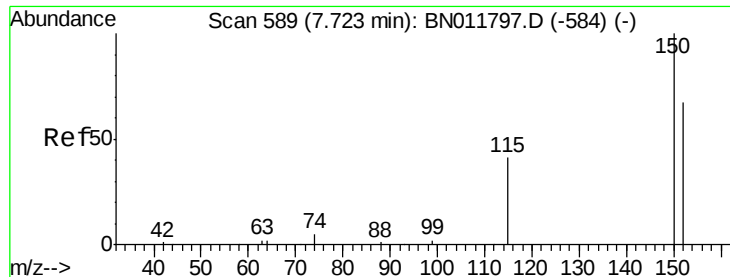
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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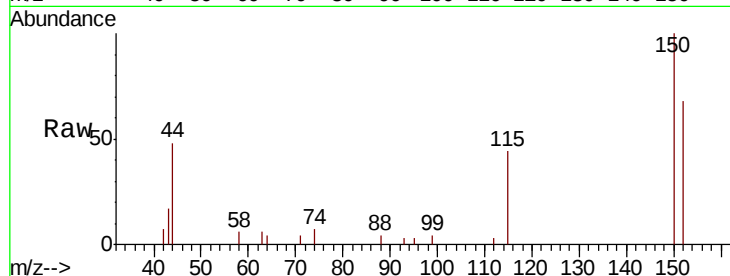


#1

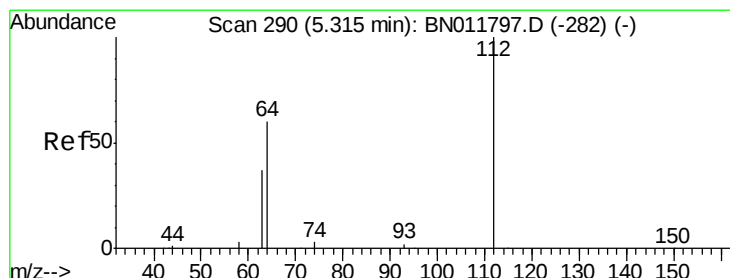
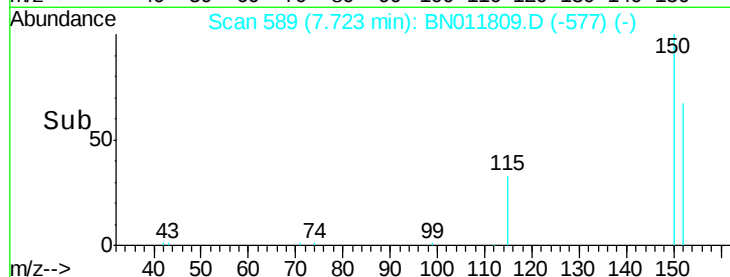
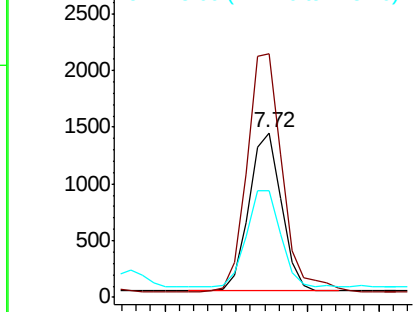
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.72 min Scan# 589  
Delta R.T. -0.00 min  
Lab File: BN011809.D  
Acq: 15 Sep 2020 20:29

Instrument :  
BNA\_N  
ClientSampleId :  
SA-PZ188I-20200909

Tot Ion:152 Resp: 2203  
Ion Ratio Lower Upper  
152 100  
150 147.8 118.3 177.5  
115 64.7 51.3 76.9



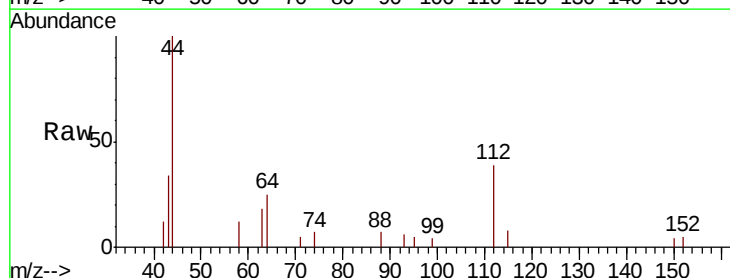
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



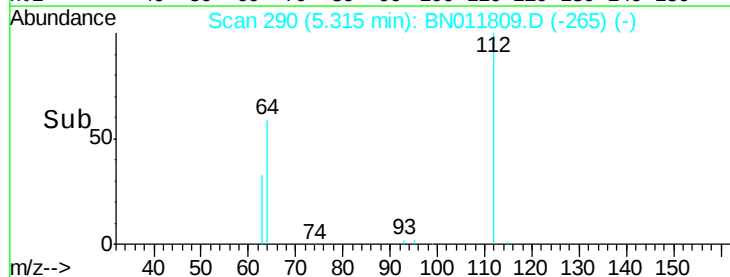
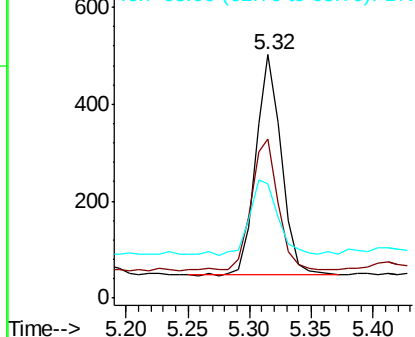
#4

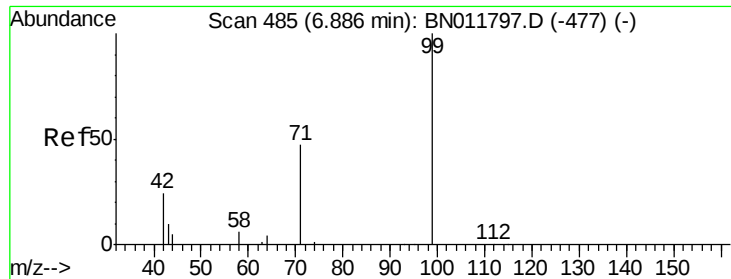
2-Fluorophenol  
Concen: 0.106 ng  
RT: 5.32 min Scan# 290  
Delta R.T. -0.00 min  
Lab File: BN011809.D  
Acq: 15 Sep 2020 20:29

Tgt Ion:112 Resp: 649  
Ion Ratio Lower Upper  
112 100  
64 65.6 49.0 73.6  
63 37.6 31.8 47.6



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: 0.065 ng

RT: 6.89 min Scan# 485

Delta R.T. -0.00 min

Lab File: BN011809.D

Acq: 15 Sep 2020 20:29

Instrument :

BNA\_N

ClientSampleId :

SA-PZ188I-20200909

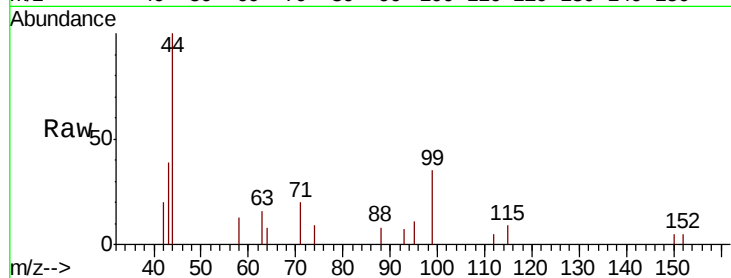
Tot Ion: 99 Resp: 509

Ion Ratio Lower Upper

99 100

42 0.0 23.4 35.0#

71 55.4 38.1 57.1



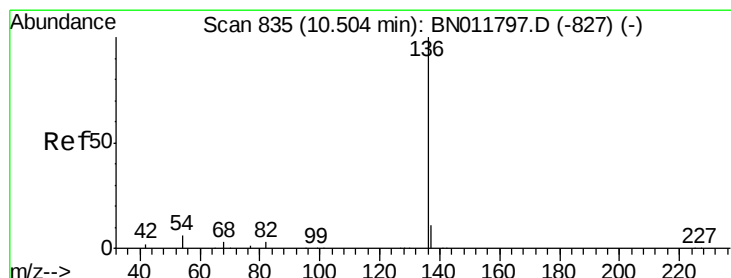
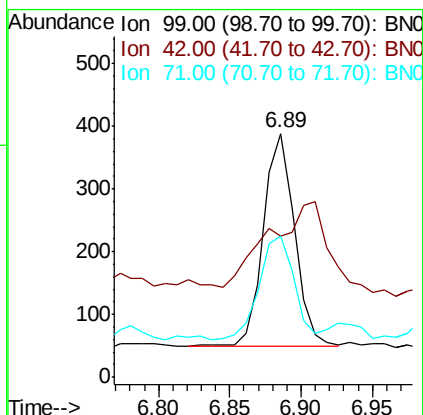
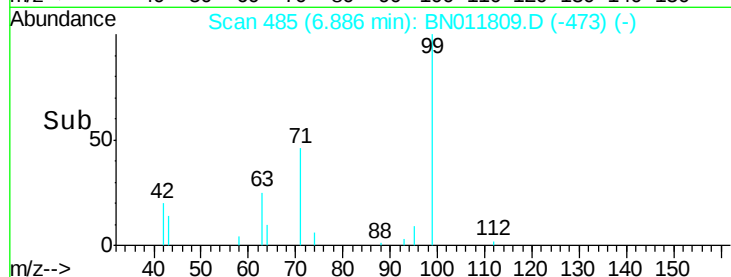
Abundance Ion 99.00 (98.70 to 99.70): BN011797.D (-477) (-)

Ion 42.00 (41.70 to 42.70): BN011797.D (-477) (-)

Ion 71.00 (70.70 to 71.70): BN011797.D (-477) (-)

6.89

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.50 min Scan# 835

Delta R.T. -0.00 min

Lab File: BN011809.D

Acq: 15 Sep 2020 20:29

Tgt Ion: 136 Resp: 8383

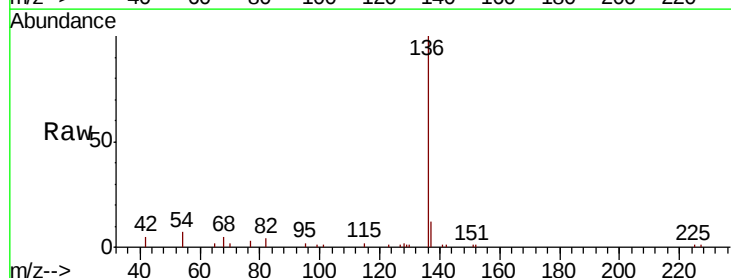
Ion Ratio Lower Upper

136 100

137 12.0 9.5 14.3

54 6.8 5.6 8.4

68 4.9 3.2 4.8#



Abundance Ion 136.00 (135.70 to 136.70): BN011797.D (-827) (-)

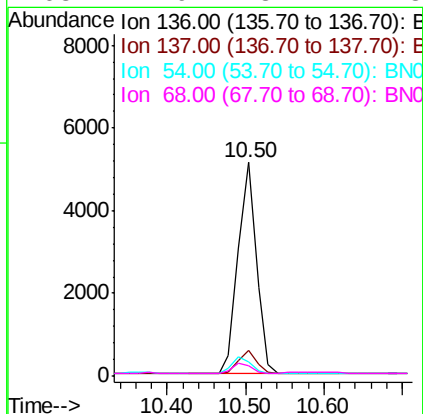
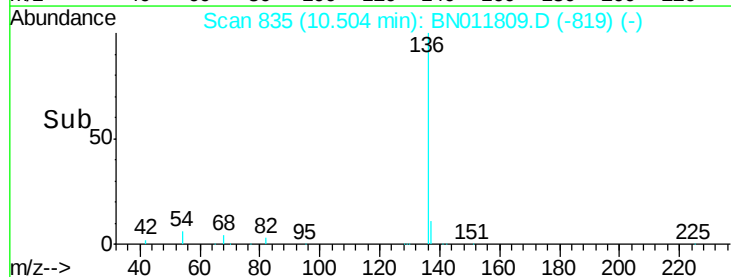
Ion 137.00 (136.70 to 137.70): BN011797.D (-827) (-)

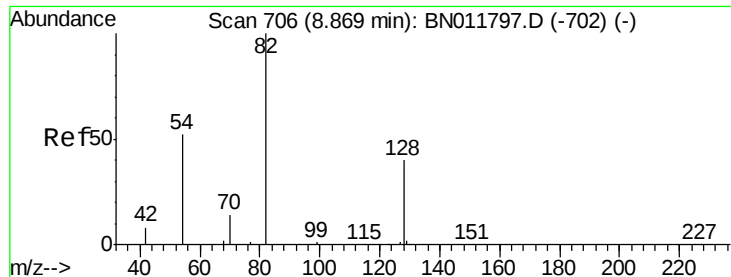
Ion 54.00 (53.70 to 54.70): BN011797.D (-827) (-)

Ion 68.00 (67.70 to 68.70): BN011797.D (-827) (-)

10.50

Time-->

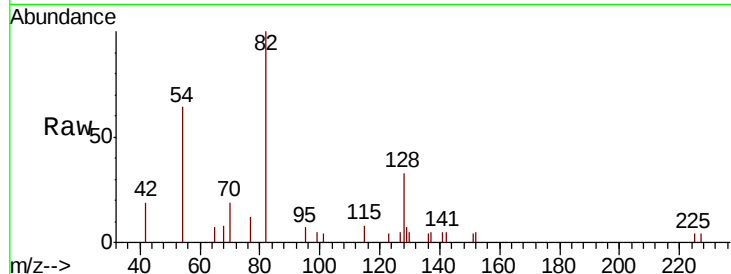




#8  
 Nitrobenzene-d5  
 Concen: 0.240 ng  
 RT: 8.86 min Scan# 705  
 Delta R.T. -0.01 min  
 Lab File: BN011809.D  
 Acq: 15 Sep 2020 20:29

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SA-PZ188I-20200909

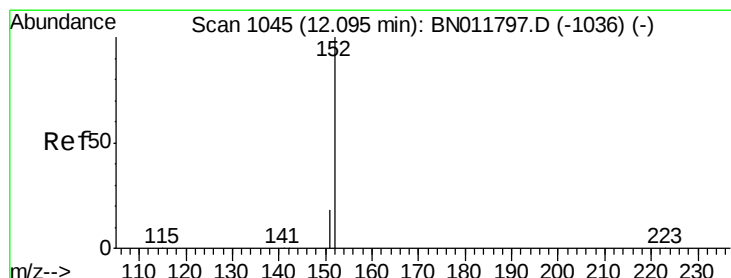
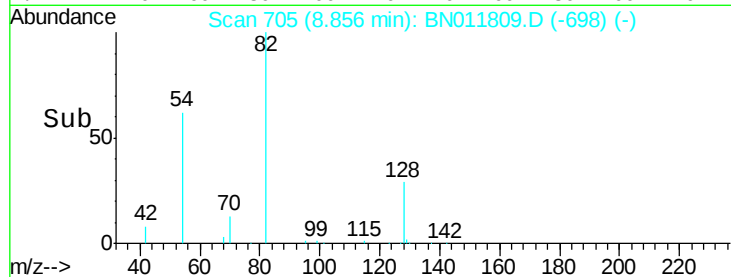
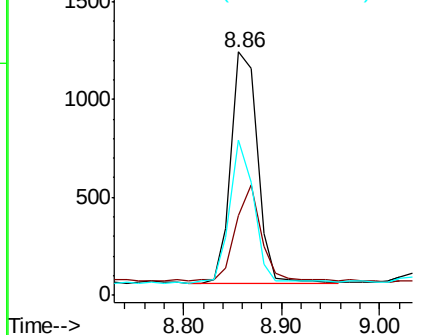
| Tot Ion   | 82    | Resp  | 2216  |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 82        | 100   |       |       |
| 128       | 33.0  | 34.2  | 51.2# |
| 54        | 63.7  | 43.1  | 64.7  |



Abundance Ion 82.00 (81.70 to 82.70): BN011797.D (-702) (-)

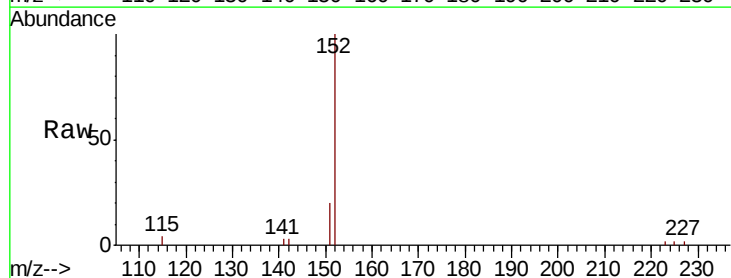
Ion 128.00 (127.70 to 128.70): BN011797.D (-702) (-)

Ion 54.00 (53.70 to 54.70): BN011797.D (-702) (-)



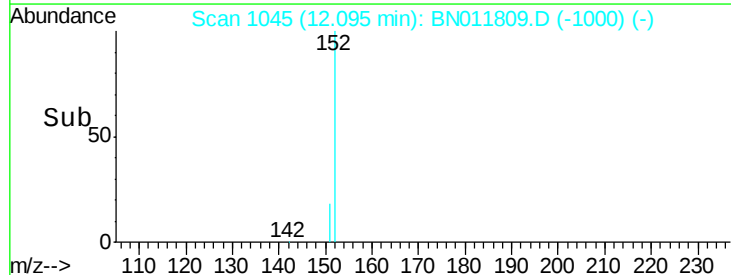
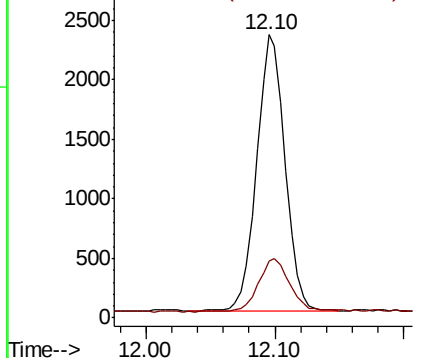
#11  
 2-Methylnaphthalene-d10  
 Concen: 0.227 ng  
 RT: 12.10 min Scan# 1045  
 Delta R.T. -0.00 min  
 Lab File: BN011809.D  
 Acq: 15 Sep 2020 20:29

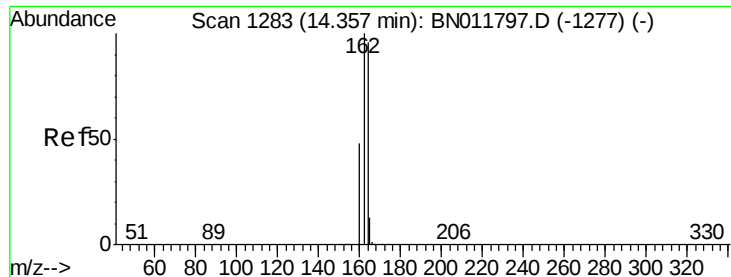
| Tgt Ion   | 152   | Resp  | 3579 |
|-----------|-------|-------|------|
| Ion Ratio | Lower | Upper |      |
| 152       | 100   |       |      |
| 151       | 21.3  | 16.7  | 25.1 |



Abundance Ion 152.00 (151.70 to 152.70): BN011797.D (-1036) (-)

Ion 151.00 (150.70 to 151.70): BN011797.D (-1036) (-)





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.36 min Scan# 1283

Delta R.T. -0.00 min

Lab File: BN011809.D

Acq: 15 Sep 2020 20:29

Instrument :

BNA\_N

ClientSampleId :

SA-PZ188I-20200909

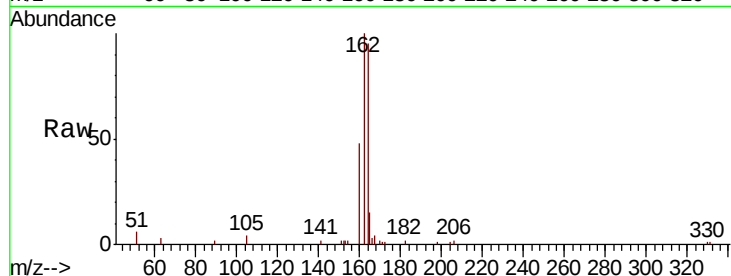
Tot Ion:164 Resp: 5199

Ion Ratio Lower Upper

164 100

162 105.1 83.6 125.4

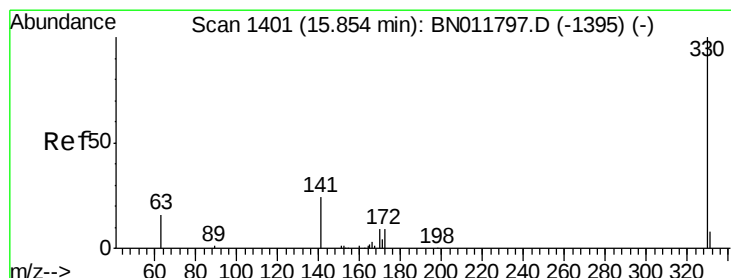
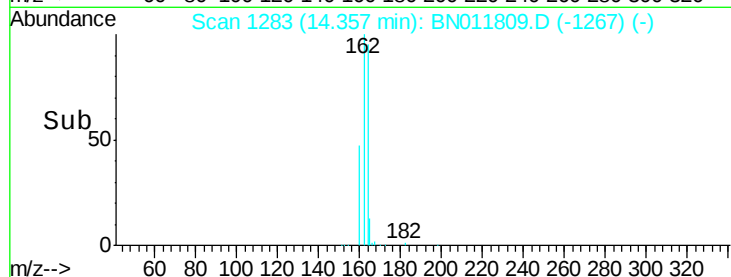
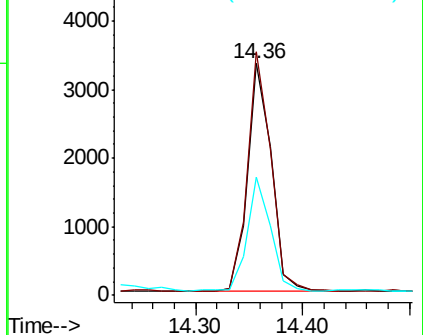
160 50.9 41.2 61.8



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: 0.280 ng

RT: 15.85 min Scan# 1401

Delta R.T. -0.00 min

Lab File: BN011809.D

Acq: 15 Sep 2020 20:29

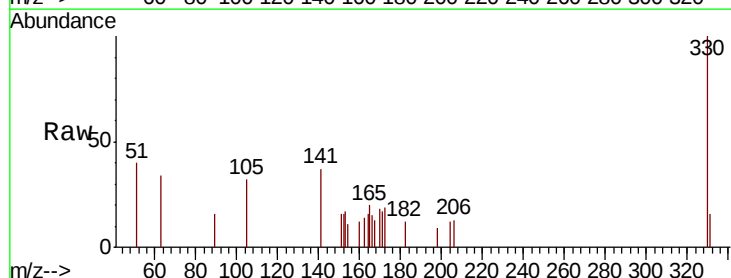
Tgt Ion:330 Resp: 798

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

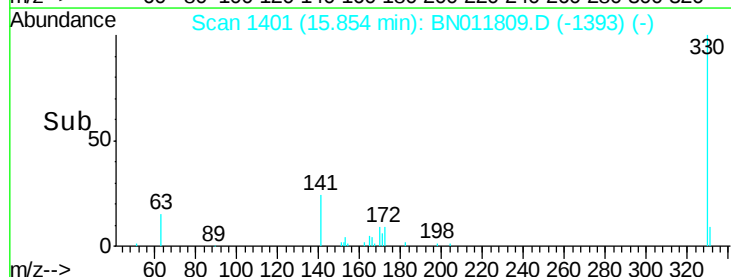
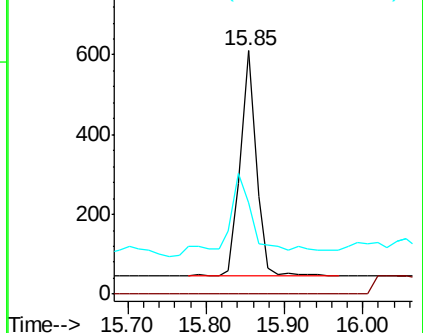
141 40.5 33.7 50.5

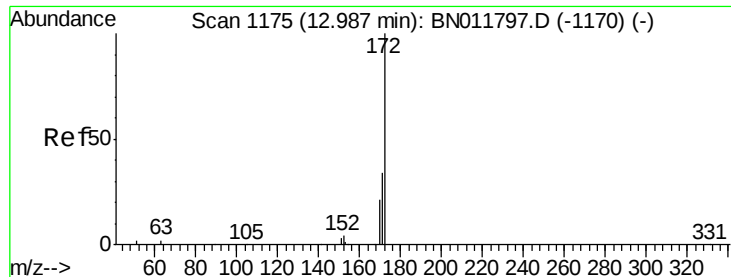


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

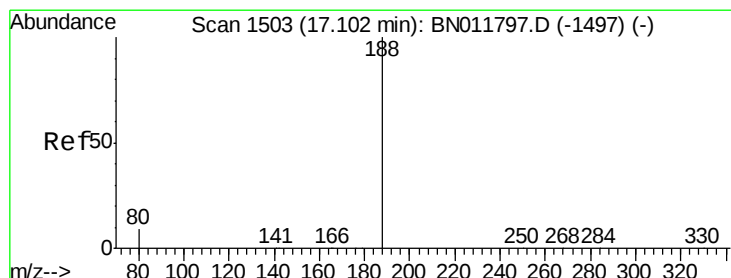
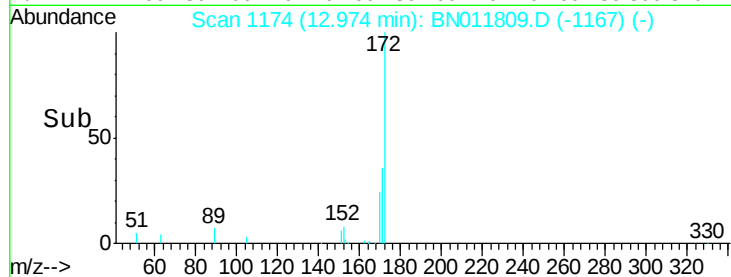
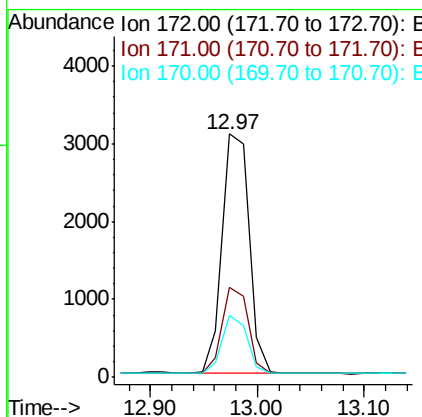
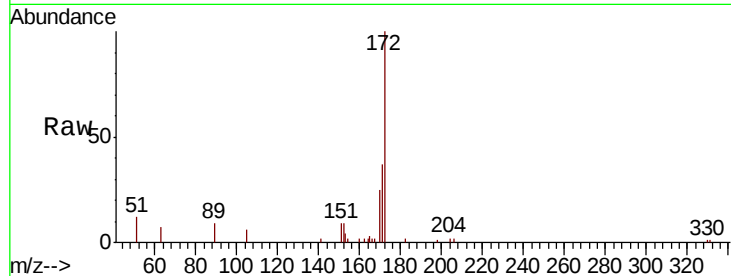




#15  
2-Fluorobiphenyl  
Concen: 0.233 ng  
RT: 12.97 min Scan# 1174  
Delta R.T. -0.01 min  
Lab File: BN011809.D  
Acq: 15 Sep 2020 20:29

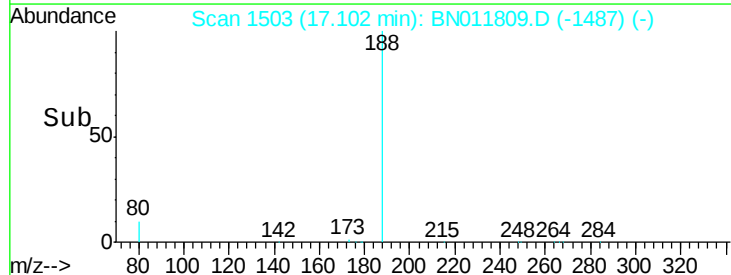
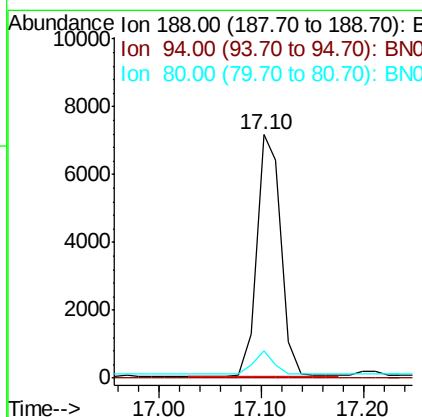
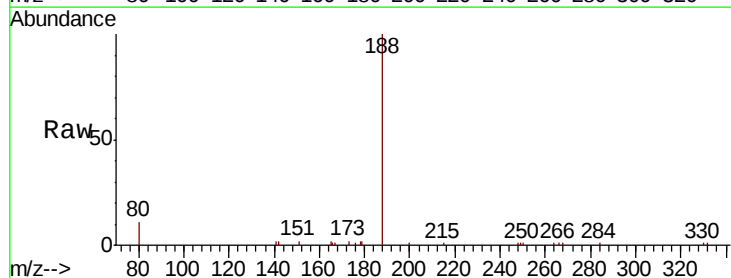
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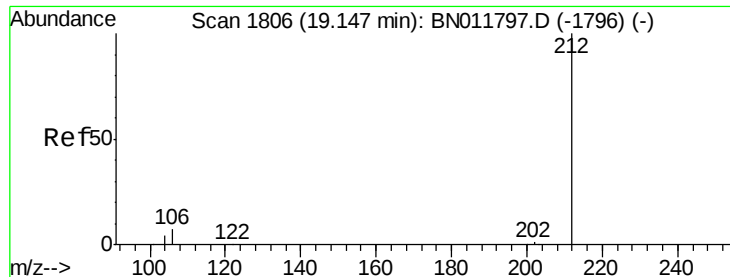
Tot Ion:172 Resp: 5416  
Ion Ratio Lower Upper  
172 100  
171 36.9 27.4 41.2  
170 25.3 17.8 26.6



#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.10 min Scan# 1503  
Delta R.T. -0.00 min  
Lab File: BN011809.D  
Acq: 15 Sep 2020 20:29

Tgt Ion:188 Resp: 11567  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 11.3 7.7 11.5

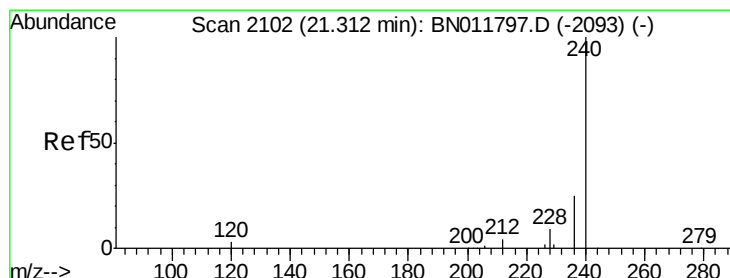
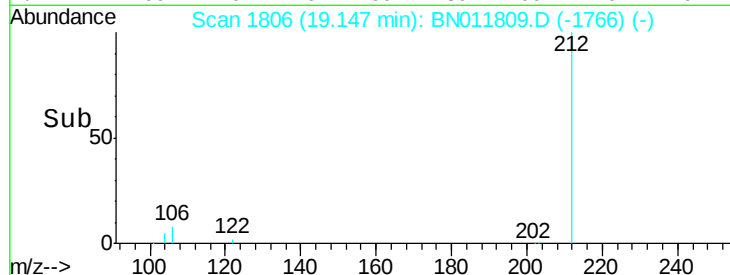
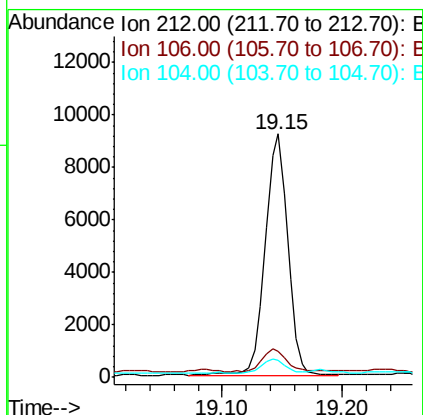
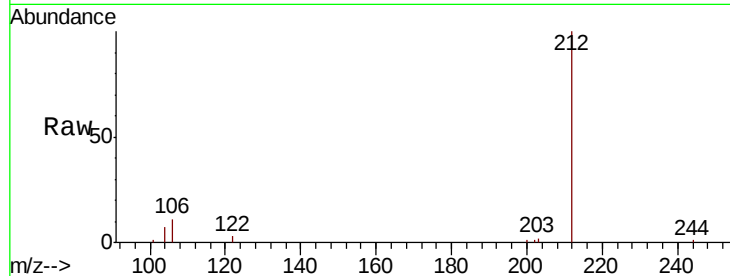




#27  
 Fluoranthene-d10  
 Concen: 0.319 ng  
 RT: 19.15 min Scan# 1806  
 Delta R.T. -0.00 min  
 Lab File: BN011809.D  
 Acq: 15 Sep 2020 20:29

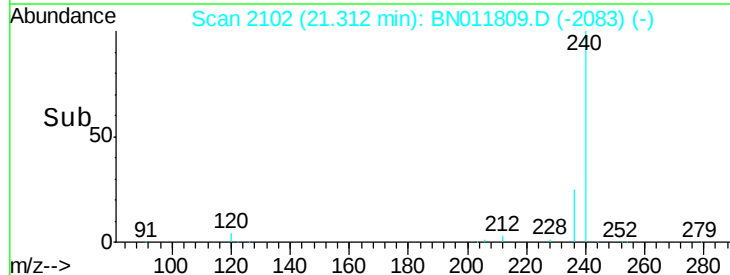
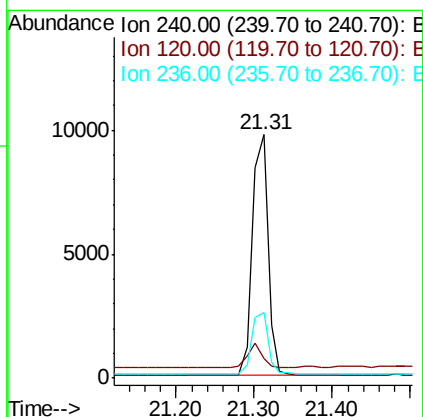
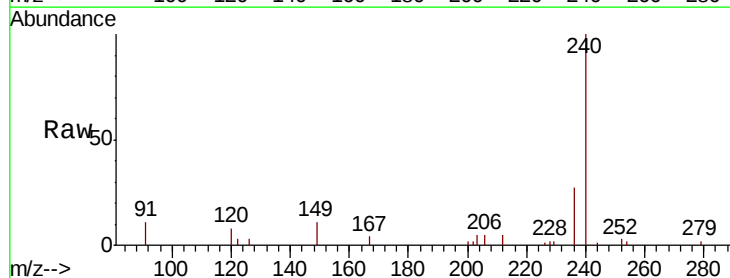
Instrument :  
 BNA\_N  
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 SA-PZ188I-20200909

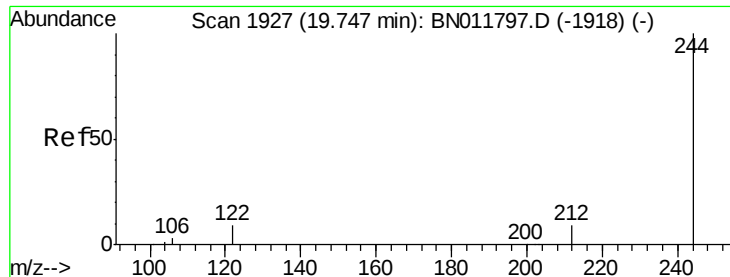
Tot Ion:212 Resp: 12023  
 Ion Ratio Lower Upper  
 212 100  
 106 9.8 6.4 9.6#  
 104 5.6 3.9 5.9



#29  
 Chrysene-d12  
 Concen: 0.400 ng  
 RT: 21.31 min Scan# 2102  
 Delta R.T. -0.00 min  
 Lab File: BN011809.D  
 Acq: 15 Sep 2020 20:29

Tgt Ion:240 Resp: 13823  
 Ion Ratio Lower Upper  
 240 100  
 120 8.2 3.5 5.3#  
 236 27.0 20.5 30.7





#31

Terphenyl-d14

Concen: 0.246 ng

RT: 19.75 min Scan# 1927

Delta R.T. 0.00 min

Lab File: BN011809.D

Acq: 15 Sep 2020 20:29

Instrument :

BNA\_N

ClientSampleId :

SA-PZ188I-20200909

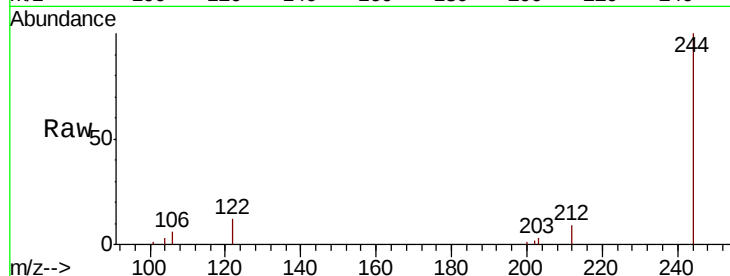
Tot Ion:244 Resp: 11603

Ion Ratio Lower Upper

244 100

212 9.4 7.3 10.9

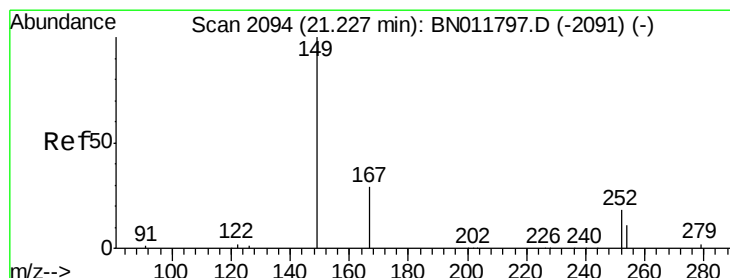
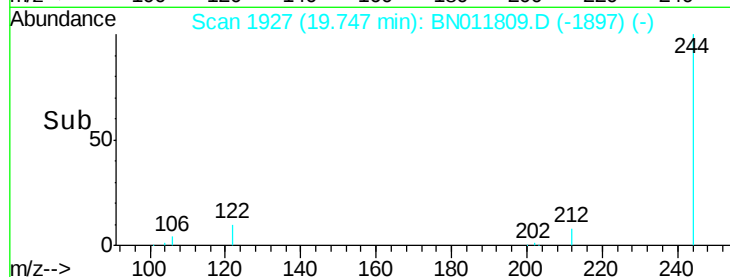
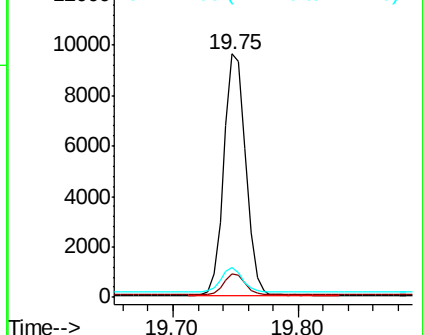
122 12.3 7.8 11.6#



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: 0.174 ng

RT: 21.23 min Scan# 2094

Delta R.T. 0.00 min

Lab File: BN011809.D

Acq: 15 Sep 2020 20:29

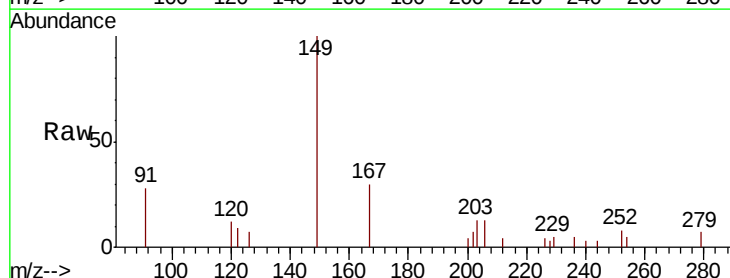
Tgt Ion:149 Resp: 3931

Ion Ratio Lower Upper

149 100

167 27.1 23.6 35.4

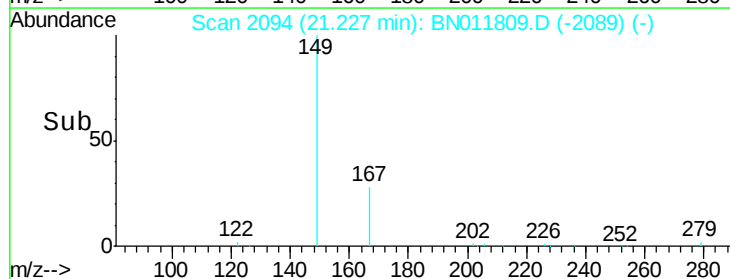
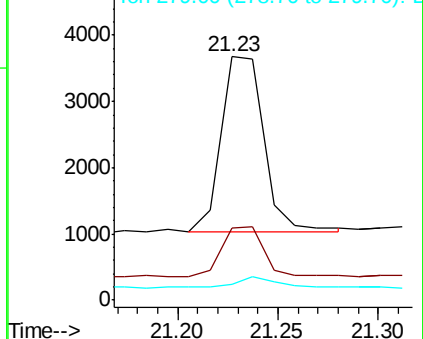
279 4.8 4.0 6.0

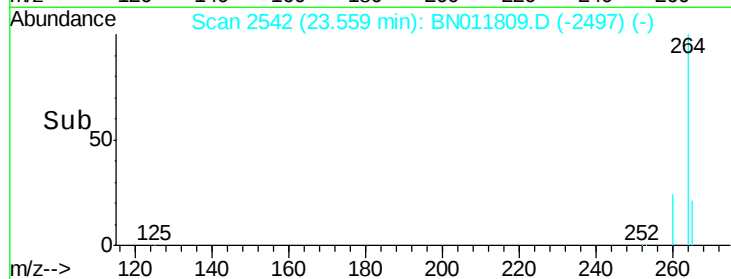
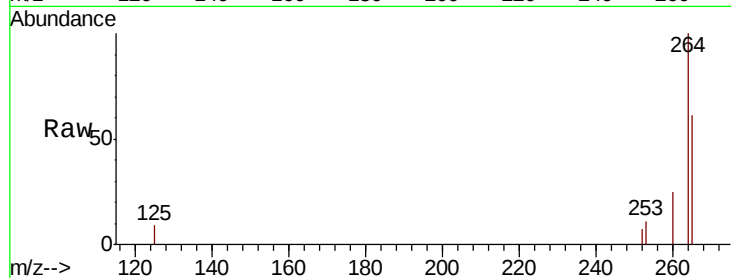
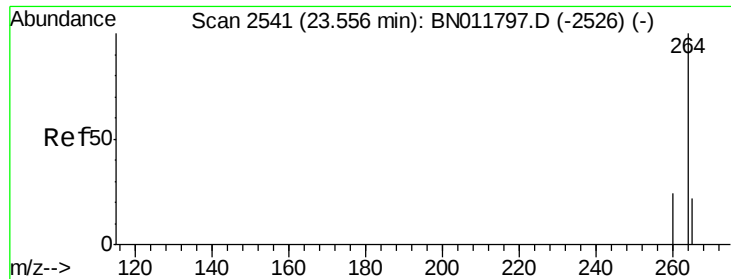


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#36

Pervlene-d12

Concen: 0.400 ng

RT: 23.56 min Scan# 2542

Delta R.T. 0.00 min

Lab File: BN011809.D

Acq: 15 Sep 2020 20:29

Instrument :

BNA\_N

ClientSampleId :

SA-PZ188I-20200909

Tot Ion:264 Resp: 15240

Ion Ratio Lower Upper

264 100

260 24.7 19.6 29.4

265 61.3 38.6 58.0#

