

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE102819\  
 Data File : BE100679.D  
 Acq On : 28 Oct 2019 18:28  
 Operator : JU  
 Sample : PB124339BL  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :

Quant Time: Oct 29 11:53:03 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE101019.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Oct 23 16:49:33 2019  
 Response via : Initial Calibration

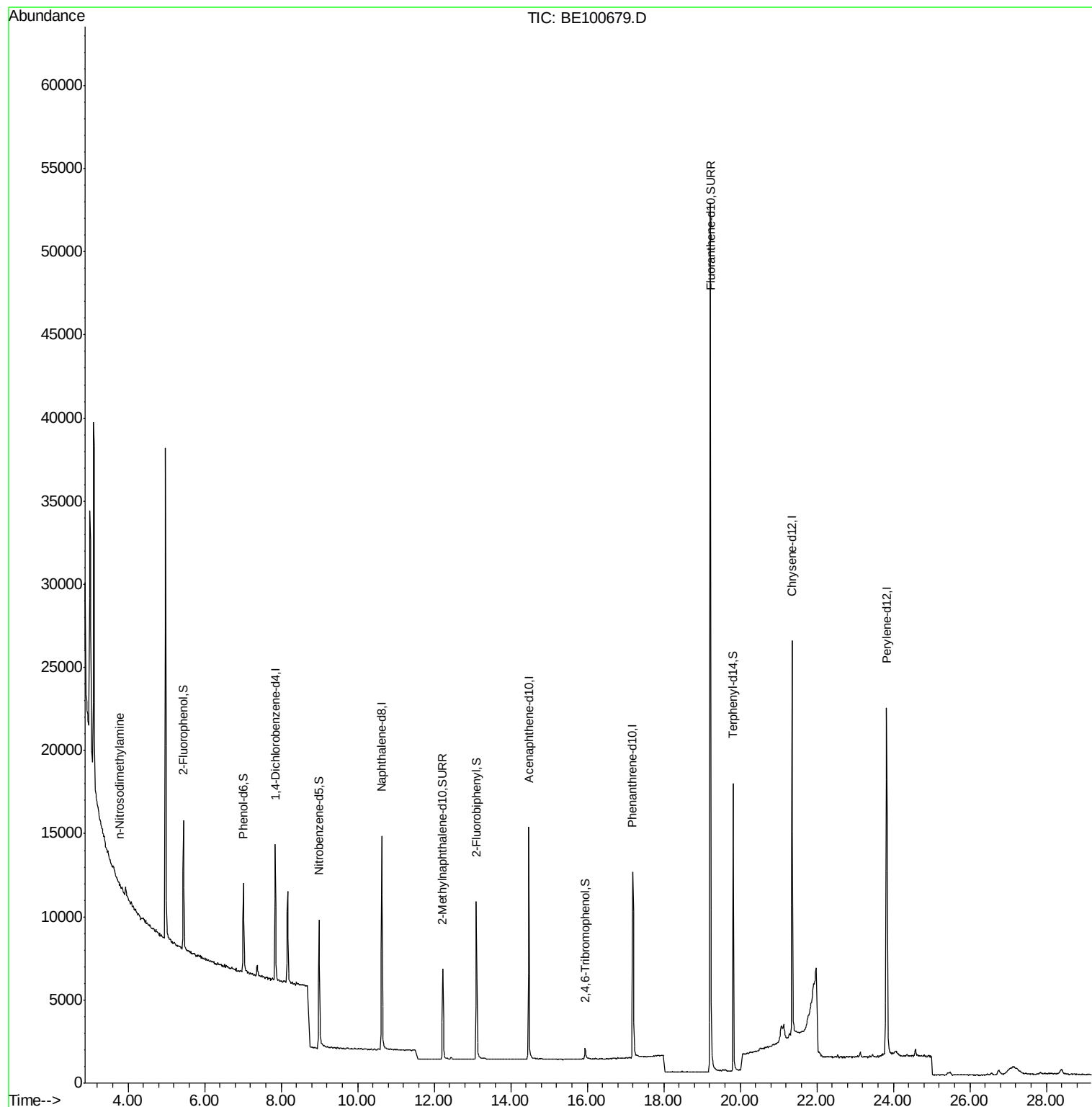
| Internal Standards          | R.T.  | QIon | Response | Conc  | Units | Dev(Min)      |
|-----------------------------|-------|------|----------|-------|-------|---------------|
| 1) 1,4-Dichlorobenzene-d4   | 7.85  | 152  | 3823     | 0.40  | ng    | 0.00          |
| 7) Naphthalene-d8           | 10.63 | 136  | 15276    | 0.40  | ng    | 0.00          |
| 13) Acenaphthene-d10        | 14.47 | 164  | 8551     | 0.40  | ng    | 0.00          |
| 19) Phenanthrene-d10        | 17.19 | 188  | 18963    | 0.40  | ng    | -0.01         |
| 27) Chrysene-d12            | 21.35 | 240  | 25063    | 0.40  | ng    | 0.00          |
| 34) Perylene-d12            | 23.82 | 264  | 34034    | 0.40  | ng    | 0.00          |
| System Monitoring Compounds |       |      |          |       |       |               |
| 4) 2-Fluorophenol           | 5.44  | 112  | 3814     | 0.32  | ng    | 0.00          |
| 5) Phenol-d6                | 7.01  | 99   | 5211     | 0.31  | ng    | 0.00          |
| 8) Nitrobenzene-d5          | 8.99  | 82   | 3485     | 0.37  | ng    | 0.00          |
| 11) 2-Methylnaphthalene-d10 | 12.22 | 152  | 7506     | 0.31  | ng    | 0.00          |
| 14) 2,4,6-Tribromophenol    | 15.94 | 330  | 569      | 0.25  | ng    | 0.00          |
| 15) 2-Fluorobiphenyl        | 13.10 | 172  | 10175    | 0.33  | ng    | 0.00          |
| 25) Fluoranthene-d10        | 19.22 | 212  | 77097    | 0.32  | ng    | 0.00          |
| 29) Terphenyl-d14           | 19.82 | 244  | 15940    | 0.29  | ng    | 0.00          |
| Target Compounds            |       |      |          |       |       |               |
| 3) n-Nitrosodimethylamine   | 3.79  | 42   | 162      | 0.022 | ng    | Qvalue<br># 9 |

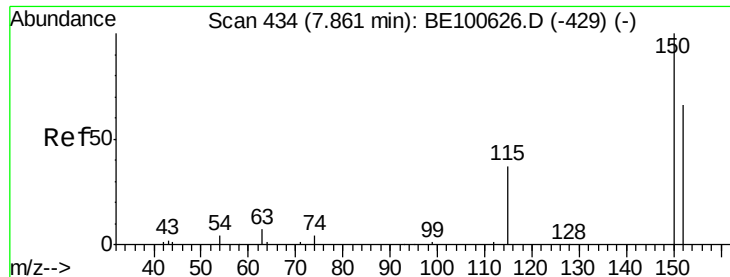
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Oct 23 16:49:33 2019  
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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.85 min Scan# 433

Delta R.T. 0.00 min

Lab File: BE100679.D

Acq: 28 Oct 2019 18:28

Instrument :

BNA\_E

ClientSampled :

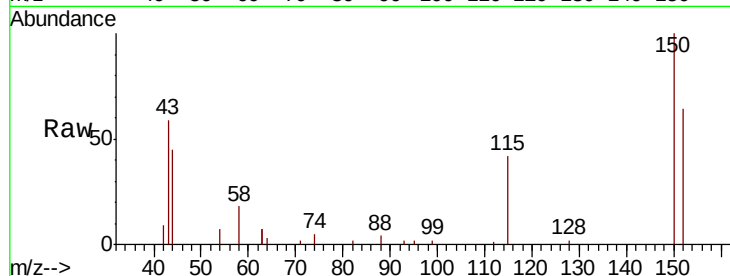
Tot Ion:152 Resp: 3823

Ion Ratio Lower Upper

152 100

150 157.0 123.3 184.9

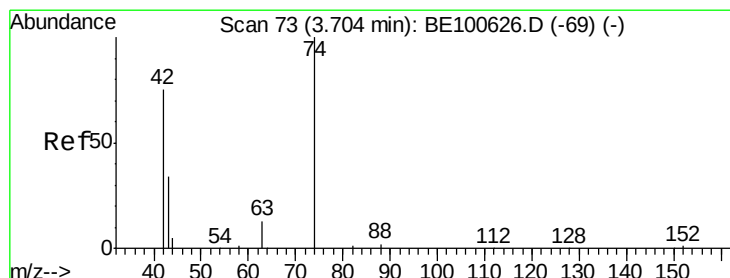
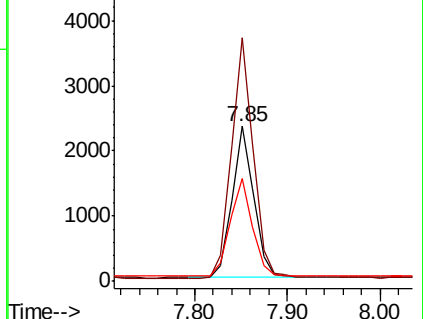
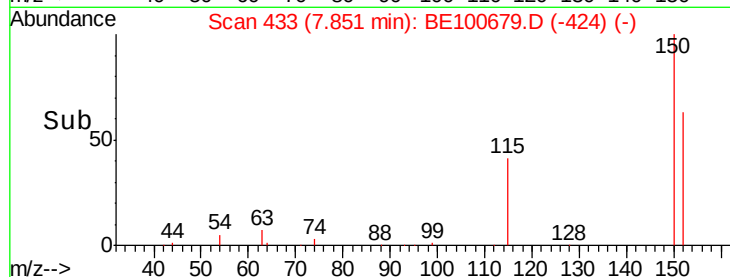
115 66.6 51.9 77.9



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



#3

n-Nitrosodimethylamine

Concen: 0.022 ng

RT: 3.79 min Scan# 80

Delta R.T. 0.09 min

Lab File: BE100679.D

Acq: 28 Oct 2019 18:28

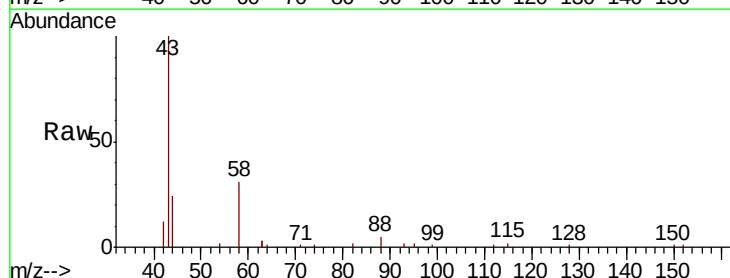
Tgt Ion: 42 Resp: 162

Ion Ratio Lower Upper

42 100

74 10.5 97.2 145.8#

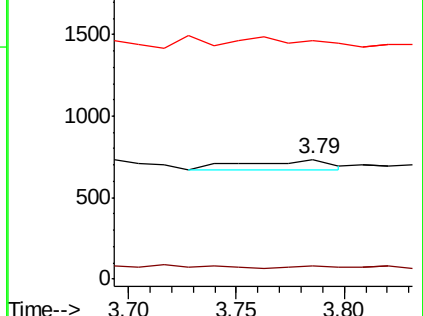
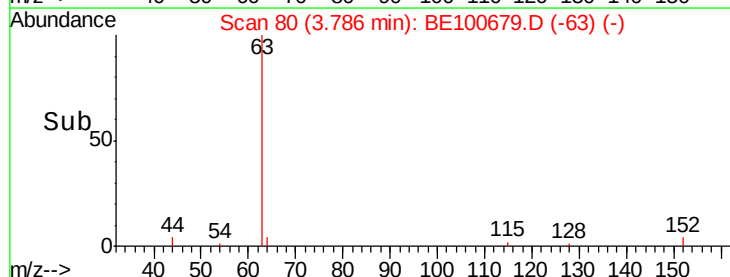
44 0.0 16.6 24.8#

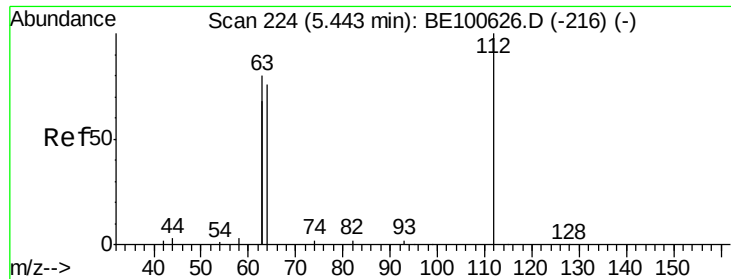


Abundance Ion 42.00 (41.70 to 42.70): BE1

Ion 74.00 (73.70 to 74.70): BE1

Ion 44.00 (43.70 to 44.70): BE1





#4

2-Fluorophenol

Concen: 0.323 ng

RT: 5.44 min Scan# 224

Delta R.T. 0.00 min

Lab File: BE100679.D

Acq: 28 Oct 2019 18:28

Instrument :

BNA\_E

ClientSampleId :

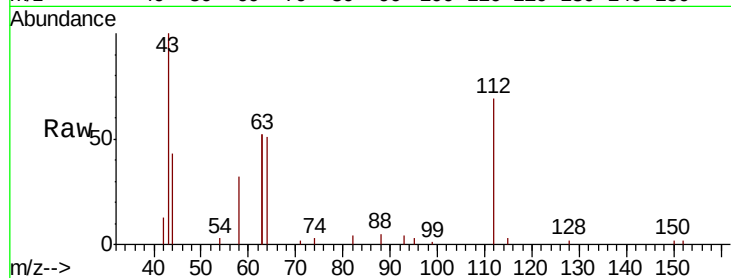
Tot Ion:112 Resp: 3814

Ion Ratio Lower Upper

112 100

64 71.5 55.4 83.2

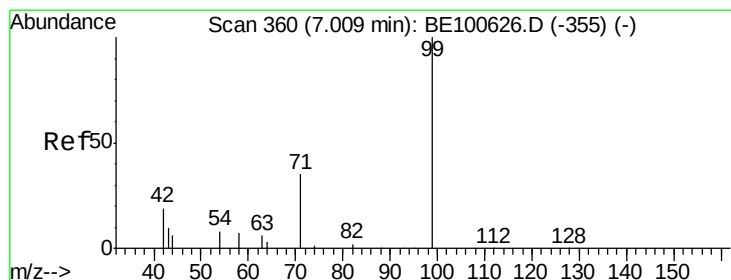
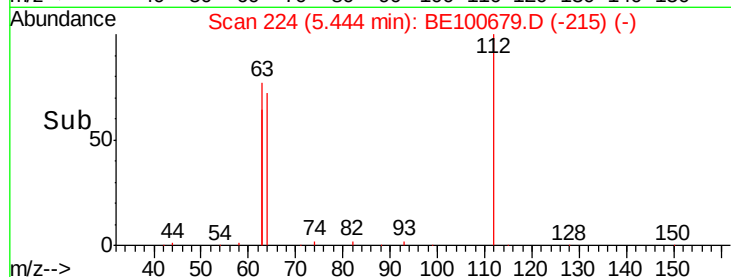
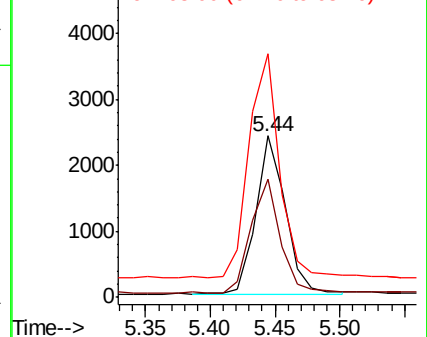
63 147.5 114.2 171.4



Abundance Ion 112.00 (111.70 to 112.70): BE1

Ion 64.00 (63.70 to 64.70): BE1

Ion 63.00 (62.70 to 63.70): BE1



#5

Phenol-d6

Concen: 0.313 ng

RT: 7.01 min Scan# 360

Delta R.T. 0.00 min

Lab File: BE100679.D

Acq: 28 Oct 2019 18:28

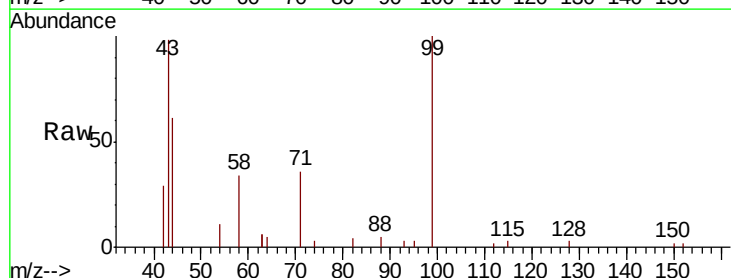
Tgt Ion: 99 Resp: 5211

Ion Ratio Lower Upper

99 100

42 22.8 17.7 26.5

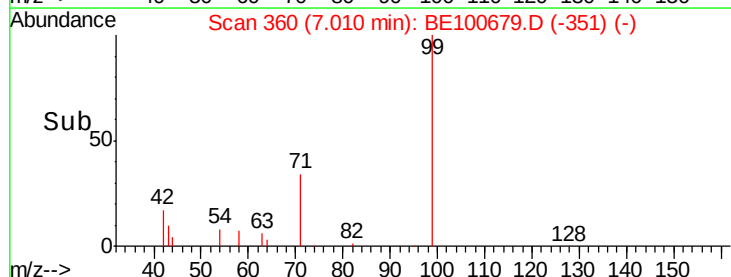
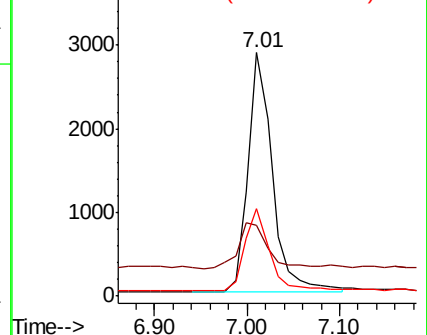
71 34.7 27.4 41.0

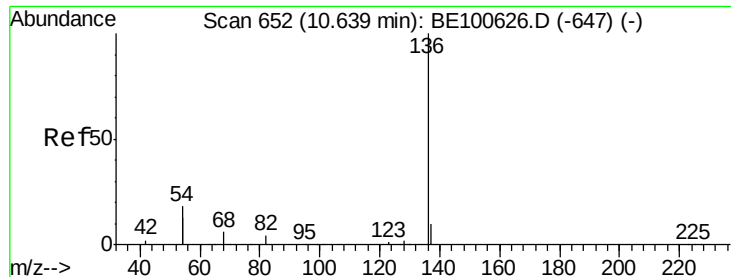


Abundance Ion 99.00 (98.70 to 99.70): BE1

Ion 42.00 (41.70 to 42.70): BE1

Ion 71.00 (70.70 to 71.70): BE1





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.63 min Scan# 651

Delta R.T. -0.00 min

Lab File: BE100679.D

Acq: 28 Oct 2019 18:28

Instrument :

BNA\_E

ClientSampleId :

Tot Ion:136 Resp: 15276

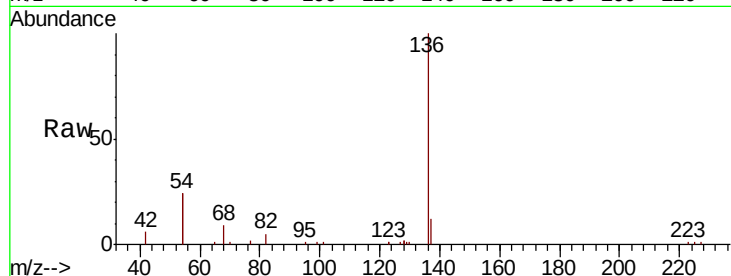
Ion Ratio Lower Upper

136 100

137 11.6 9.2 13.8

54 48.9 39.4 59.2

68 9.1 8.0 12.0

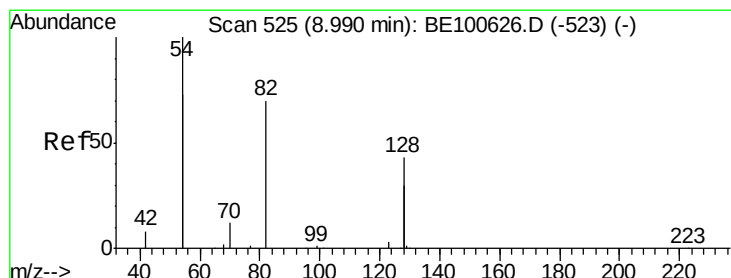
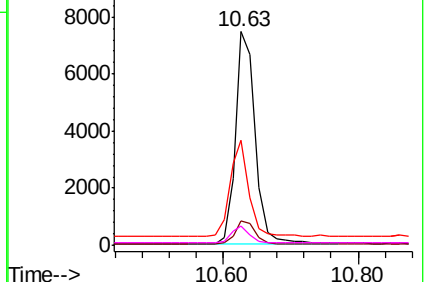
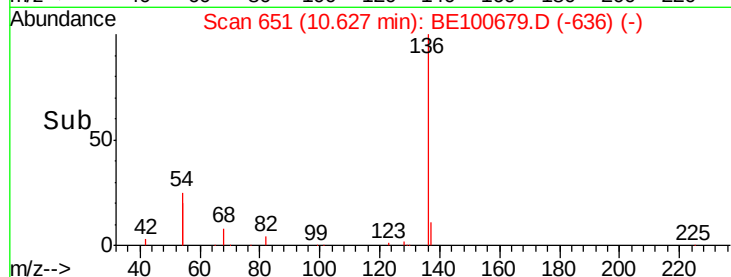


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE1

Ion 68.00 (67.70 to 68.70): BE1



#8

Nitrobenzene-d5

Concen: 0.368 ng

RT: 8.99 min Scan# 525

Delta R.T. -0.00 min

Lab File: BE100679.D

Acq: 28 Oct 2019 18:28

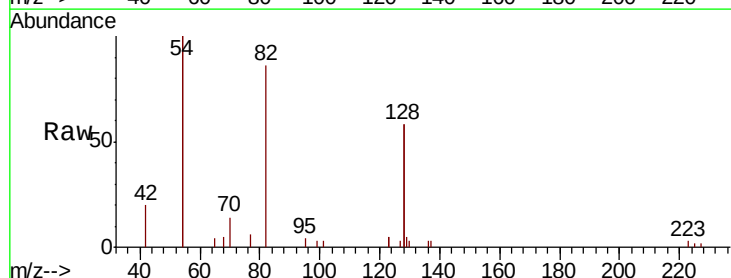
Tgt Ion: 82 Resp: 3485

Ion Ratio Lower Upper

82 100

128 133.8 107.8 161.8

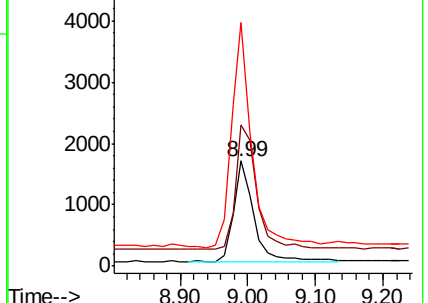
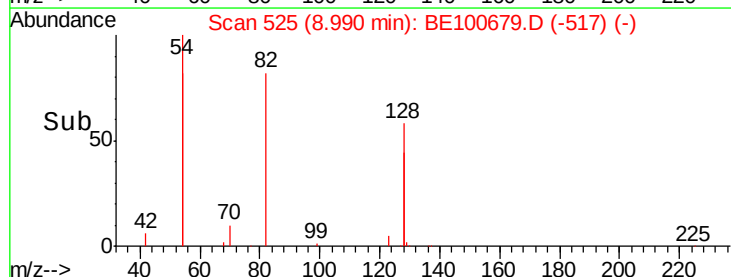
54 231.7 166.1 249.1

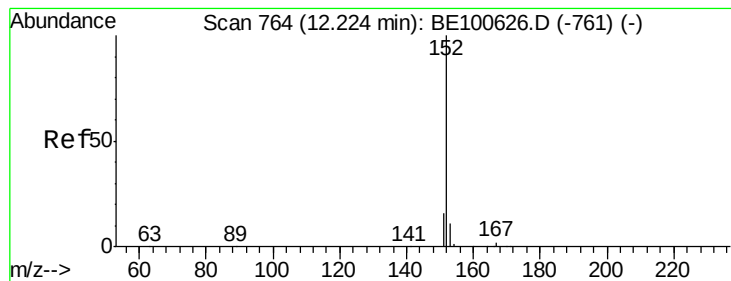


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1

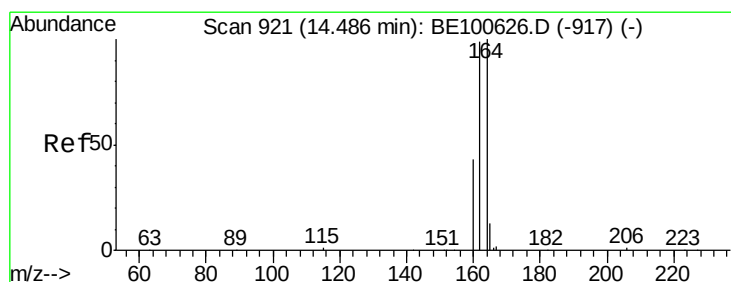
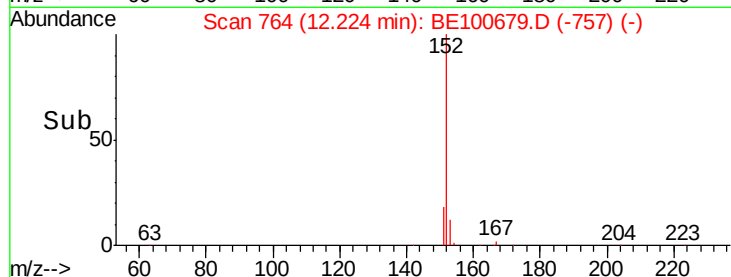
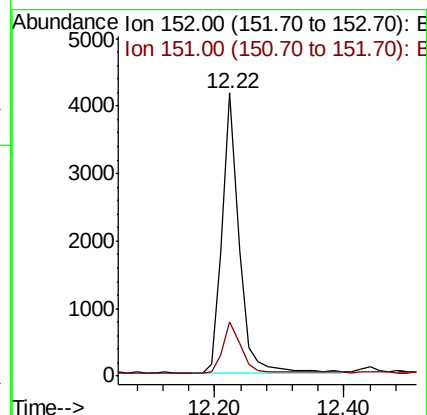
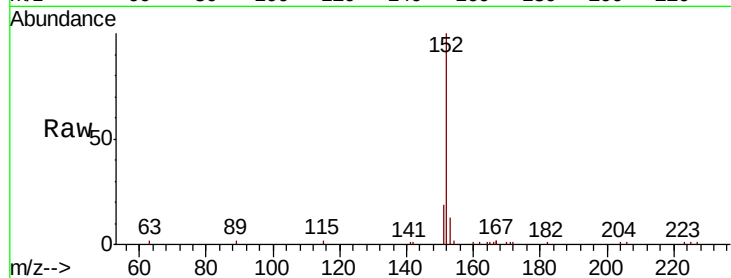




#11  
 2-Methylnaphthalene-d10  
 Concen: 0.312 ng  
 RT: 12.22 min Scan# 764  
 Delta R.T. -0.00 min  
 Lab File: BE100679.D  
 Acq: 28 Oct 2019 18:28

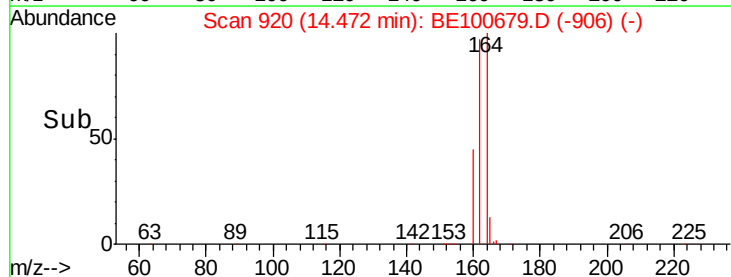
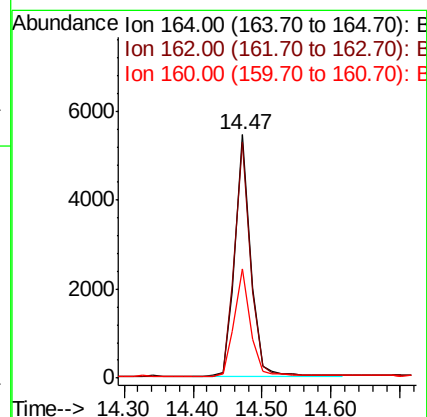
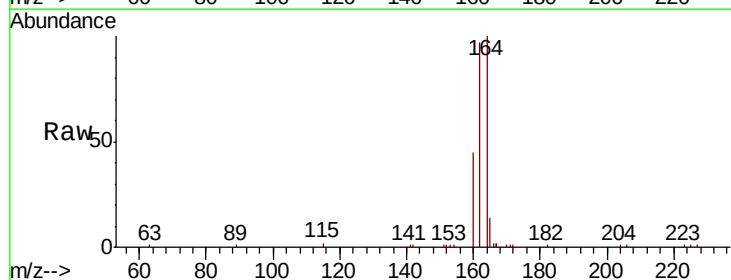
Instrument :  
 BNA\_E  
 ClientSampleId :

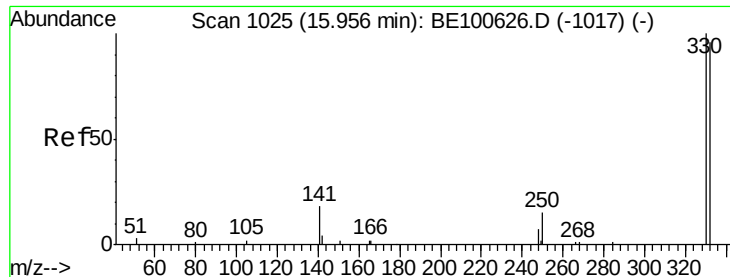
Tot Ion:152 Resp: 7506  
 Ion Ratio Lower Upper  
 152 100  
 151 19.0 14.7 22.1



#13  
 Acenaphthene-d10  
 Concen: 0.400 ng  
 RT: 14.47 min Scan# 920  
 Delta R.T. -0.00 min  
 Lab File: BE100679.D  
 Acq: 28 Oct 2019 18:28

Tgt Ion:164 Resp: 8551  
 Ion Ratio Lower Upper  
 164 100  
 162 96.9 82.0 123.0  
 160 45.1 37.5 56.3

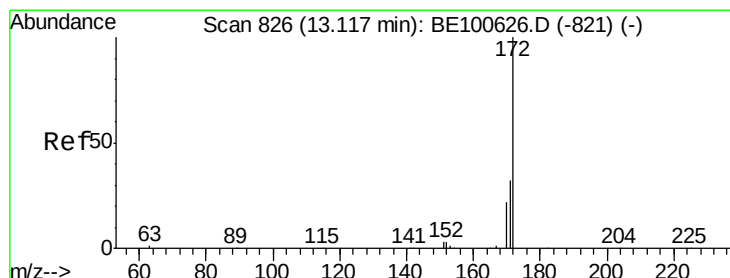
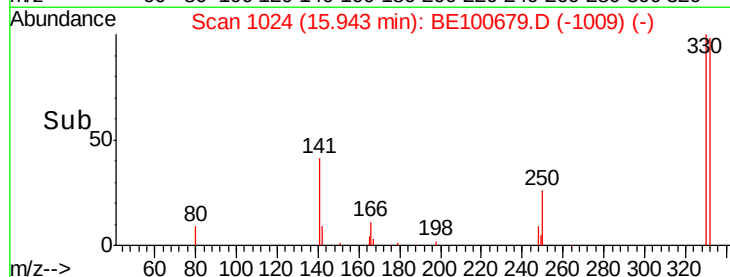
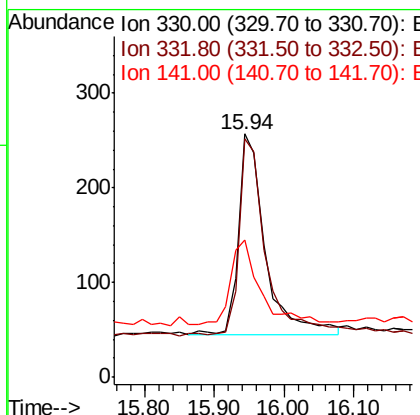
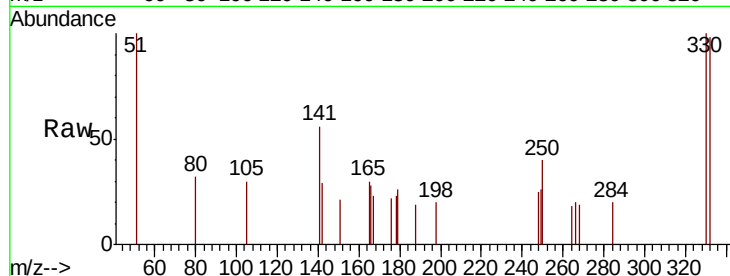




#14  
 2,4,6-Tribromophenol  
 Concen: 0.252 ng  
 RT: 15.94 min Scan# 1024  
 Delta R.T. 0.00 min  
 Lab File: BE100679.D  
 Acq: 28 Oct 2019 18:28

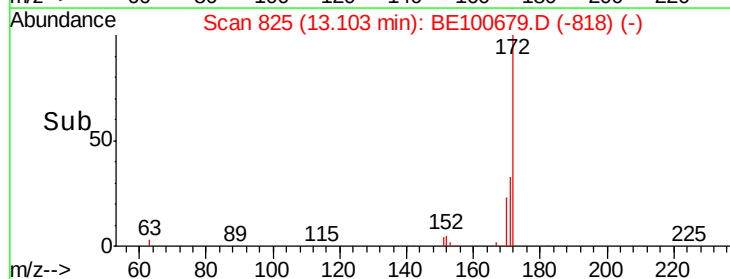
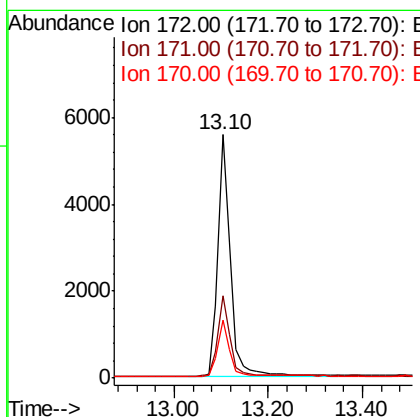
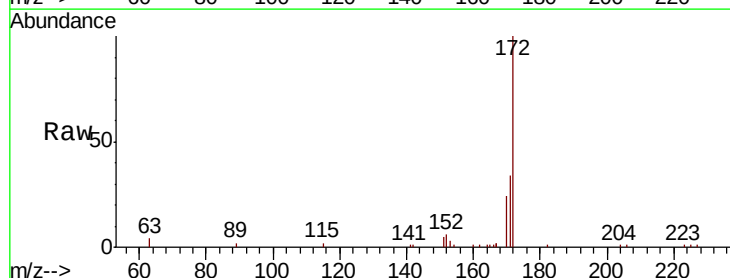
Instrument :  
 BNA\_E  
 ClientSampleId :

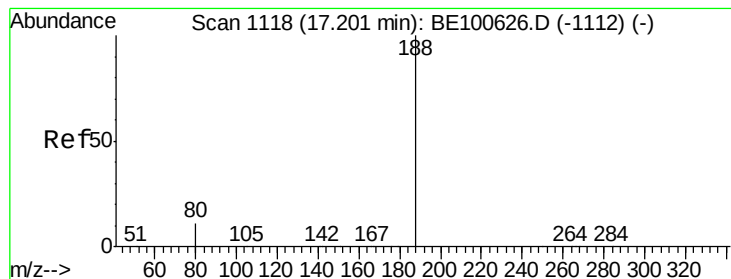
Tot Ion:330 Resp: 569  
 Ion Ratio Lower Upper  
 330 100  
 332 100.0 77.9 116.9  
 141 46.2 33.0 49.6



#15  
 2-Fluorobiphenyl  
 Concen: 0.327 ng  
 RT: 13.10 min Scan# 825  
 Delta R.T. -0.00 min  
 Lab File: BE100679.D  
 Acq: 28 Oct 2019 18:28

Tgt Ion:172 Resp: 10175  
 Ion Ratio Lower Upper  
 172 100  
 171 34.0 26.5 39.7  
 170 23.7 19.0 28.4





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.19 min Scan# 1117

Delta R.T. -0.01 min

Lab File: BE100679.D

Acq: 28 Oct 2019 18:28

Instrument :

BNA\_E

ClientSampleId :

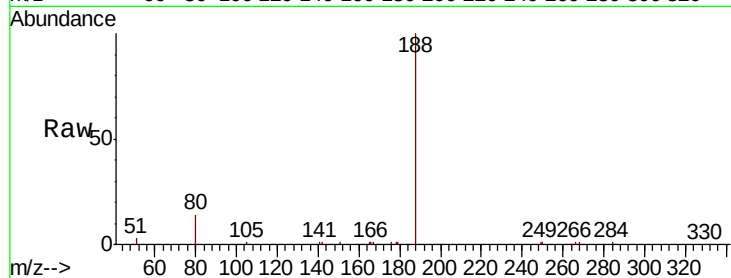
Tot Ion:188 Resp: 18963

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

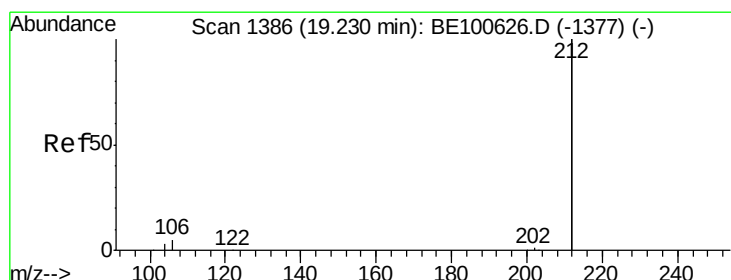
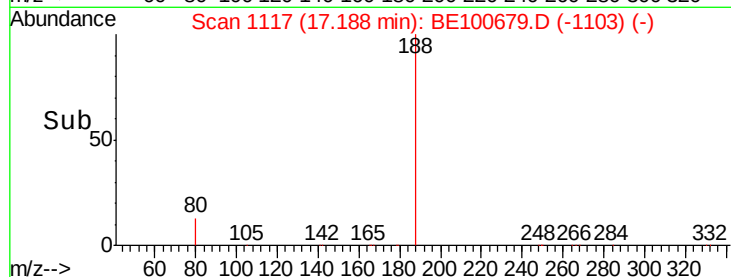
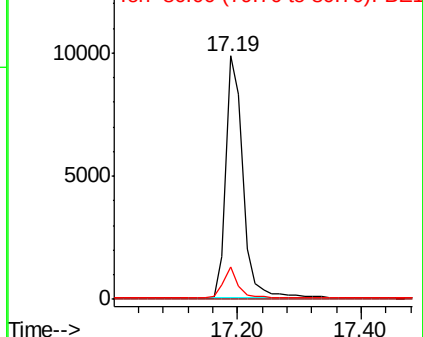
80 13.6 5.4 8.0#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE1

Ion 80.00 (79.70 to 80.70): BE1



#25

Fluoranthene-d10

Concen: 0.315 ng

RT: 19.22 min Scan# 1384

Delta R.T. -0.00 min

Lab File: BE100679.D

Acq: 28 Oct 2019 18:28

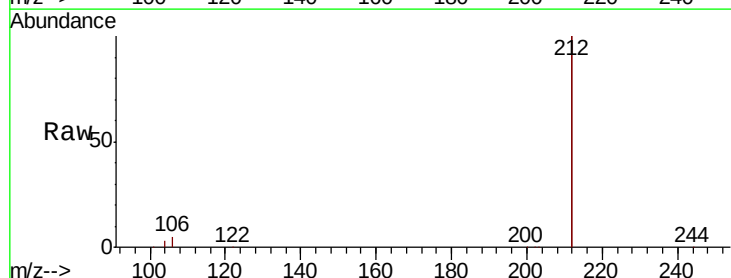
Tgt Ion:212 Resp: 77097

Ion Ratio Lower Upper

212 100

106 2.8 2.3 3.5

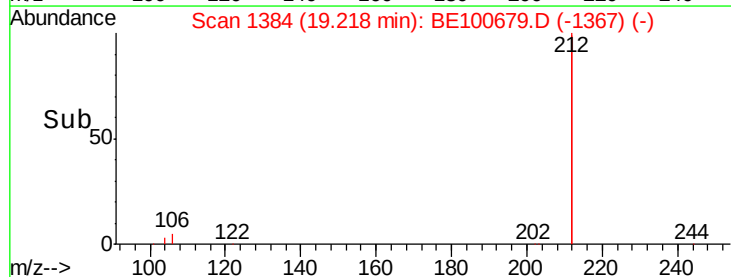
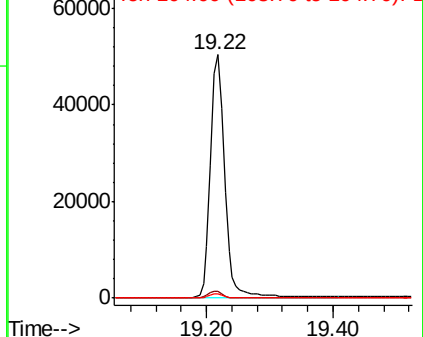
104 1.6 1.3 1.9



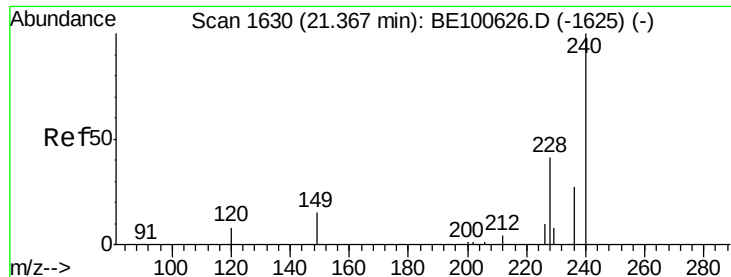
Abundance Ion 212.00 (211.70 to 212.70): E

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: 21.35 min Scan# 1629

Delta R.T. -0.00 min

Lab File: BE100679.D

Acq: 28 Oct 2019 18:28

Instrument :

BNA\_E

ClientSampleId :

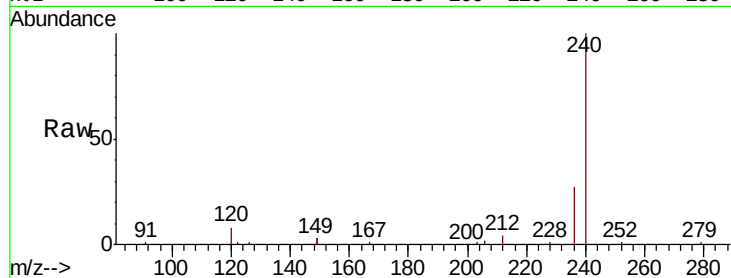
Tot Ion:240 Resp: 25063

Ion Ratio Lower Upper

240 100

120 7.7 7.6 11.4

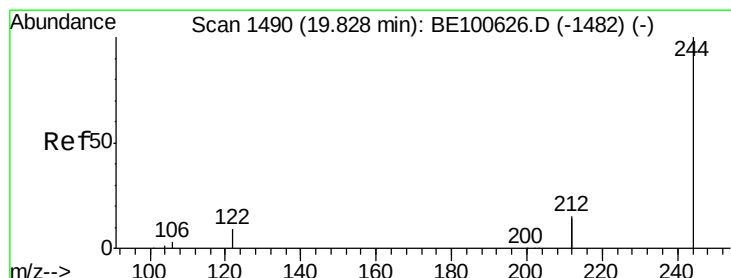
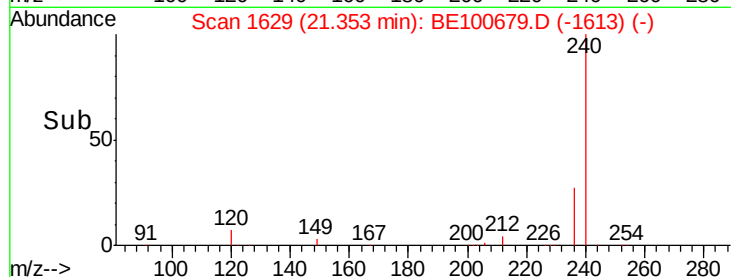
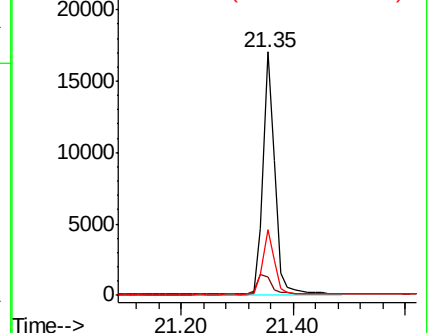
236 27.1 22.1 33.1



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: 0.291 ng

RT: 19.82 min Scan# 1488

Delta R.T. -0.00 min

Lab File: BE100679.D

Acq: 28 Oct 2019 18:28

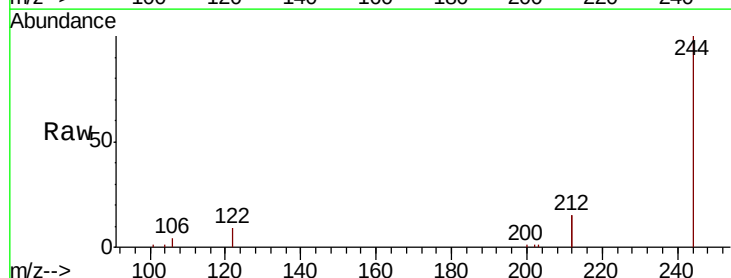
Tgt Ion:244 Resp: 15940

Ion Ratio Lower Upper

244 100

212 30.5 23.7 35.5

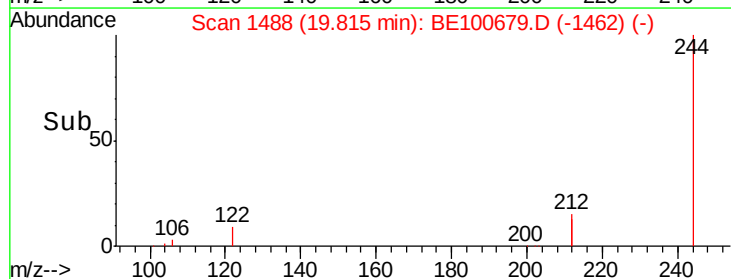
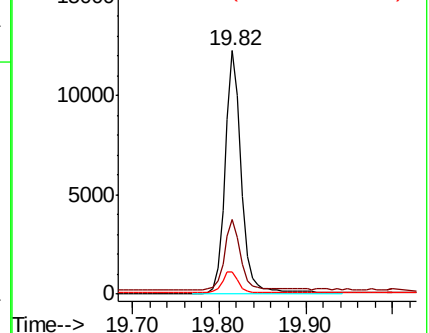
122 9.0 7.9 11.9

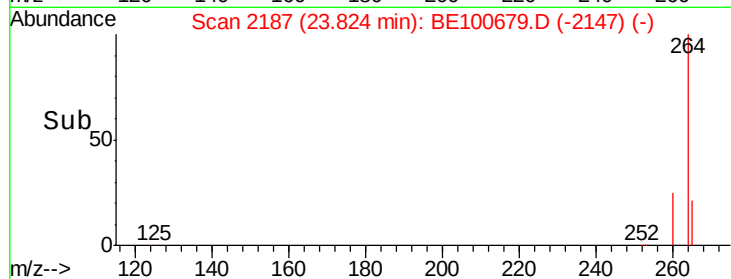
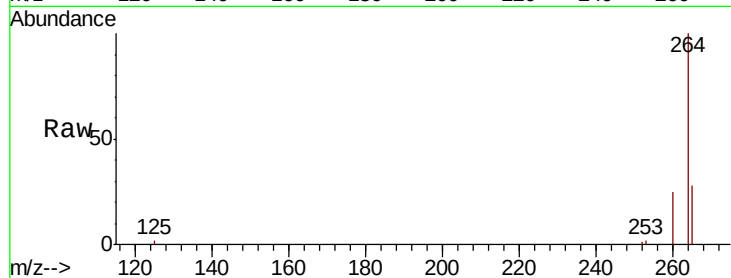
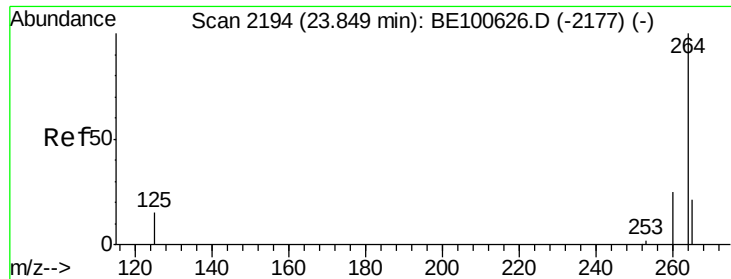


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#34

Pervlene-d12

Concen: 0.400 ng

RT: 23.82 min Scan# 2187

Delta R.T. -0.01 min

Lab File: BE100679.D

Acq: 28 Oct 2019 18:28

Instrument :

BNA\_E

ClientSampleId :

Tot Ion:264 Resp: 34034

Ion Ratio Lower Upper

264 100

260 24.8 19.4 29.2

265 27.6 21.7 32.5

