

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE061419\  
 Data File : BE100033.D  
 Acq On : 14 Jun 2019 21:11  
 Operator : JU/SJ  
 Sample : K3284-17  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 BP-TT-MW202S-20190610

Quant Time: Jun 15 02:02:36 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE061019.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jun 10 14:57:20 2019  
 Response via : Initial Calibration

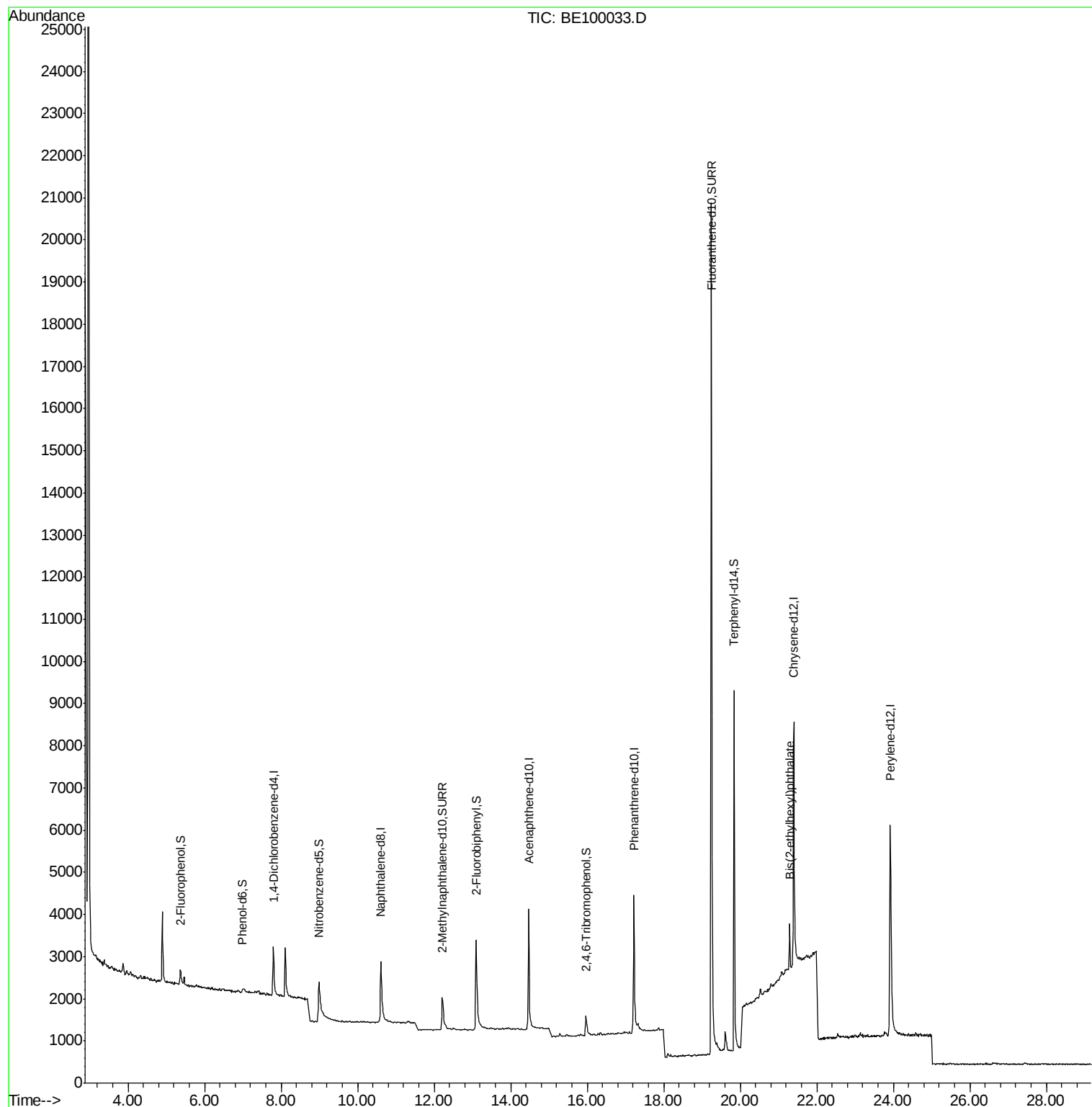
| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min)       |
|--------------------------------|-------|------|----------|-------|-------|----------------|
| 1) 1,4-Dichlorobenzene-d4      | 7.79  | 152  | 901      | 0.40  | ng    | 0.00           |
| 7) Naphthalene-d8              | 10.60 | 136  | 3127     | 0.40  | ng    | 0.00           |
| 13) Acenaphthene-d10           | 14.47 | 164  | 2422     | 0.40  | ng    | 0.00           |
| 19) Phenanthrene-d10           | 17.22 | 188  | 7149     | 0.40  | ng    | 0.00           |
| 27) Chrysene-d12               | 21.40 | 240  | 8874     | 0.40  | ng    | 0.00           |
| 34) Perylene-d12               | 23.92 | 264  | 9997     | 0.40  | ng    | 0.00           |
| System Monitoring Compounds    |       |      |          |       |       |                |
| 4) 2-Fluorophenol              | 5.36  | 112  | 368      | 0.15  | ng    | 0.00           |
| 5) Phenol-d6                   | 6.99  | 99   | 274      | 0.09  | ng    | 0.02           |
| 8) Nitrobenzene-d5             | 8.99  | 82   | 1080     | 0.36  | ng    | 0.03           |
| 11) 2-Methylnaphthalene-d10    | 12.21 | 152  | 1902     | 0.35  | ng    | 0.00           |
| 14) 2,4,6-Tribromophenol       | 15.97 | 330  | 561      | 0.31  | ng    | 0.00           |
| 15) 2-Fluorobiphenyl           | 13.10 | 172  | 4137     | 0.45  | ng    | 0.00           |
| 25) Fluoranthene-d10           | 19.24 | 212  | 34613    | 0.33  | ng    | -0.01          |
| 29) Terphenyl-d14              | 19.84 | 244  | 9354     | 0.59  | ng    | -0.01          |
| Target Compounds               |       |      |          |       |       |                |
| 32) Bis(2-ethylhexyl)phthalate | 21.29 | 149  | 1396     | 0.037 | ng    | Qvalue<br># 98 |

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

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BP-TT-MW202S-20190610

Quant Time: Jun 15 02:02:36 2019  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE061019.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Jun 10 14:57:20 2019  
Response via : Initial Calibration



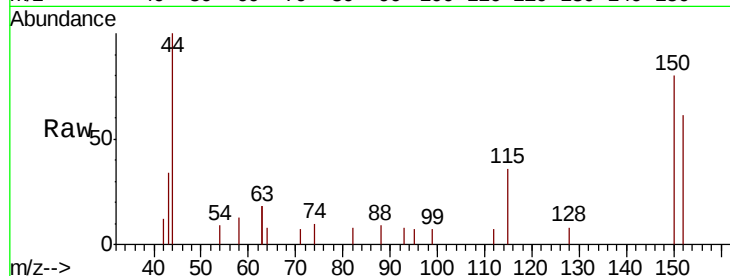


#1

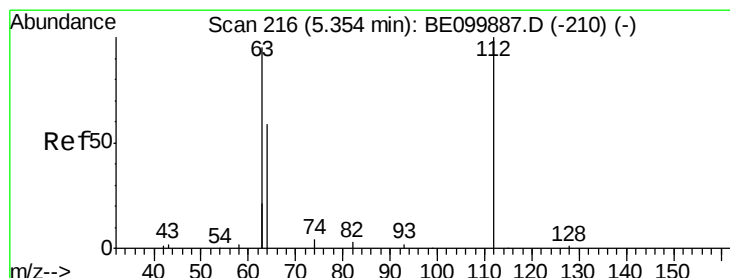
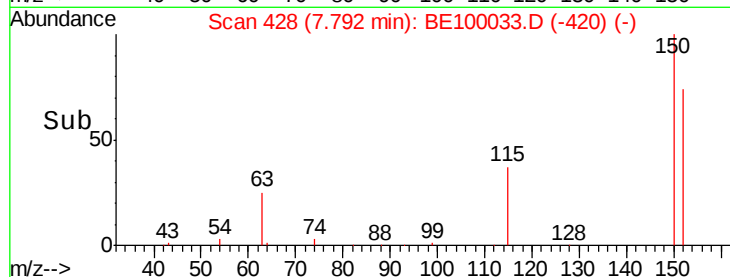
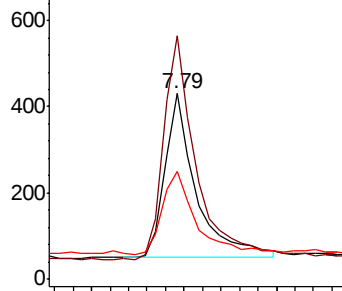
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.79 min Scan# 428  
Delta R.T. -0.00 min  
Lab File: BE100033.D  
Acq: 14 Jun 2019 21:11

Instrument :  
BNA\_E  
ClientSampleId :  
BP-TT-MW202S-20190610

Tot Ion:152 Resp: 901  
Ion Ratio Lower Upper  
152 100  
150 130.9 111.0 166.6  
115 58.2 50.7 76.1



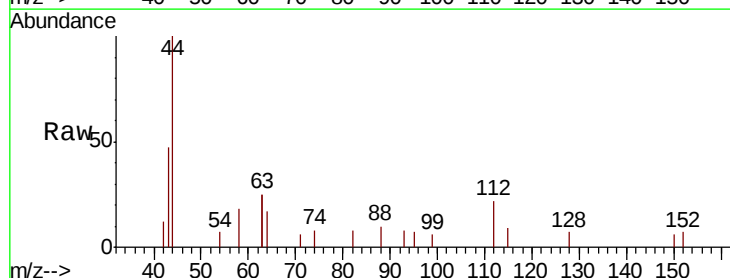
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



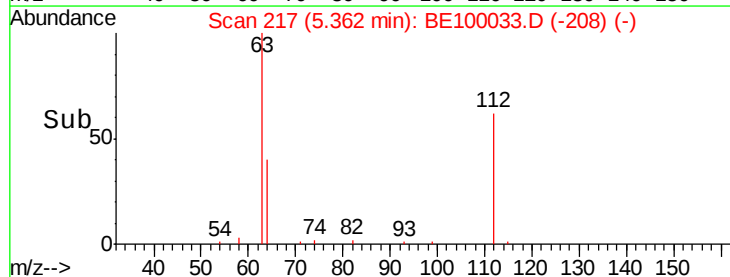
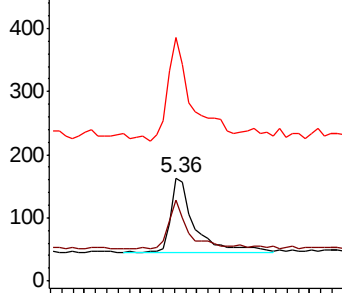
#4

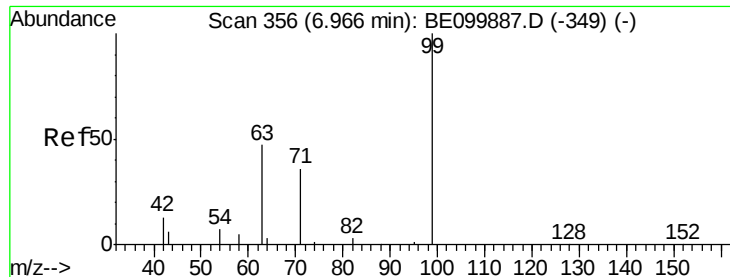
2-Fluorophenol  
Concen: 0.151 ng  
RT: 5.36 min Scan# 217  
Delta R.T. 0.01 min  
Lab File: BE100033.D  
Acq: 14 Jun 2019 21:11

Tgt Ion:112 Resp: 368  
Ion Ratio Lower Upper  
112 100  
64 52.4 44.1 66.1  
63 135.3 87.8 131.6#



Abundance Ion 112.00 (111.70 to 112.70): E  
Ion 64.00 (63.70 to 64.70): BE1  
Ion 63.00 (62.70 to 63.70): BE1





#5

Phenol-d6

Concen: 0.087 ng

RT: 6.99 min Scan# 358

Delta R.T. 0.02 min

Lab File: BE100033.D

Acq: 14 Jun 2019 21:11

Instrument :

BNA\_E

ClientSampleId :

BP-TT-MW202S-20190610

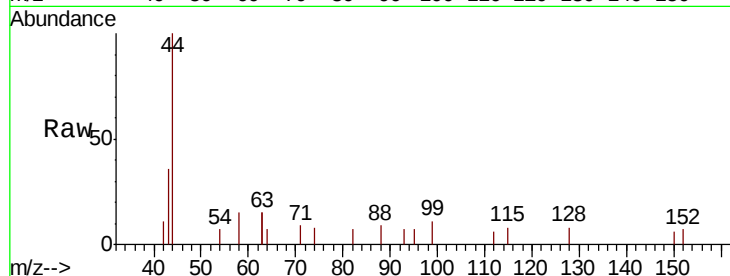
Tot Ion: 99 Resp: 274

Ion Ratio Lower Upper

99 100

42 0.0 15.9 23.9#

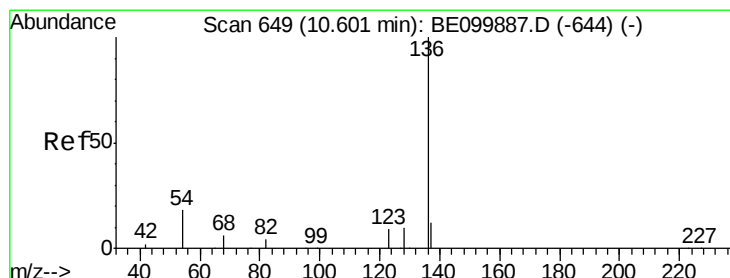
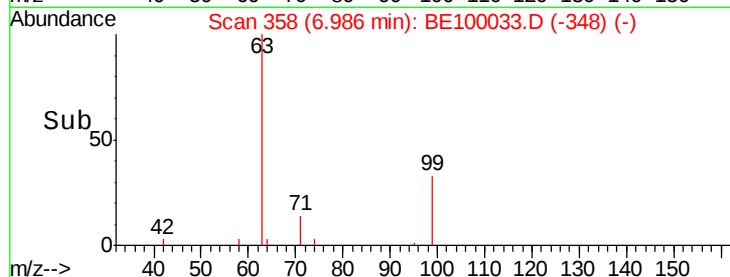
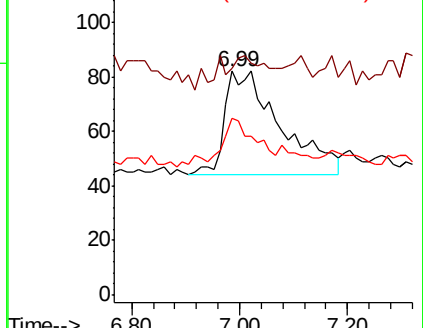
71 29.9 34.6 52.0#



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: 10.60 min Scan# 649

Delta R.T. 0.00 min

Lab File: BE100033.D

Acq: 14 Jun 2019 21:11

Tgt Ion: 136 Resp: 3127

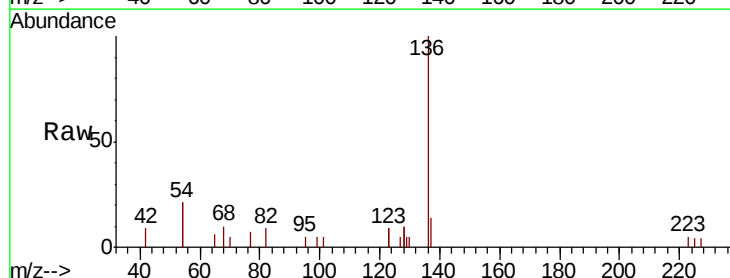
Ion Ratio Lower Upper

136 100

137 13.6 12.3 18.5

54 42.5 28.2 42.4#

68 9.9 7.8 11.8

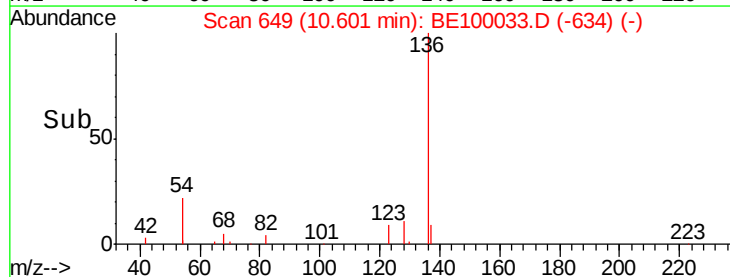
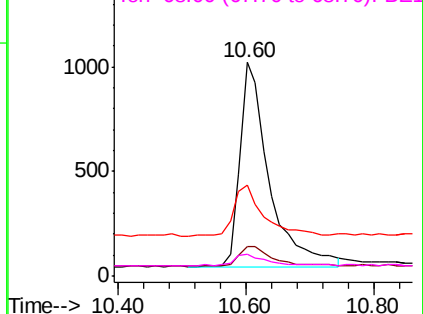


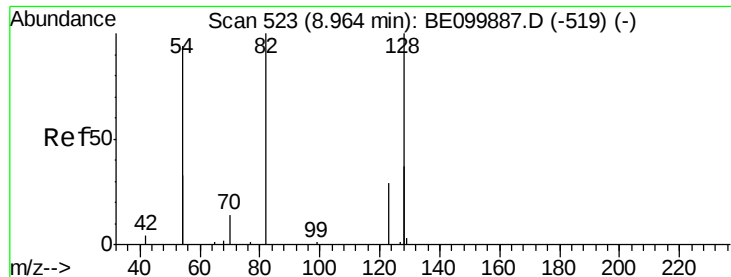
Abundance Ion 136.00 (135.70 to 136.70): E

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

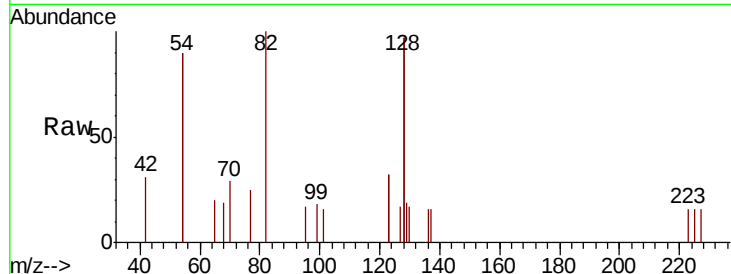




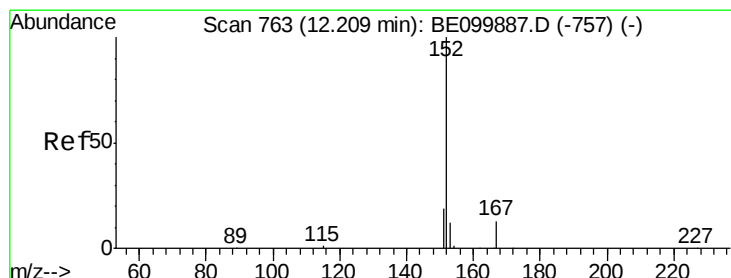
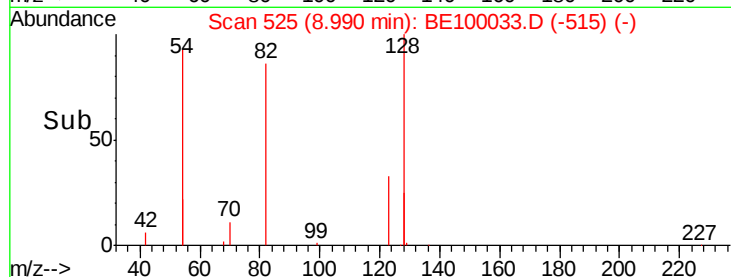
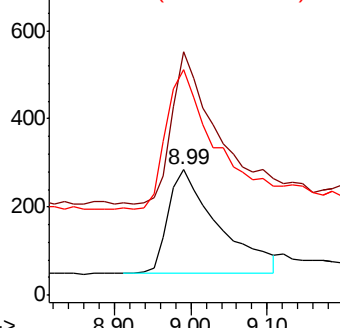
#8  
 Nitrobenzene-d5  
 Concen: 0.365 ng  
 RT: 8.99 min Scan# 525  
 Delta R.T. 0.03 min  
 Lab File: BE100033.D  
 Acq: 14 Jun 2019 21:11

Instrument :  
 BNA\_E  
 ClientSampleId :  
 BP-TT-MW202S-20190610

Tot Ion: 82 Resp: 1080  
 Ion Ratio Lower Upper  
 82 100  
 128 193.7 137.3 205.9  
 54 179.6 129.7 194.5

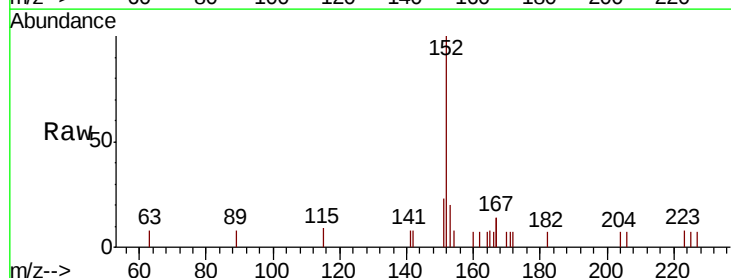


Abundance Ion 82.00 (81.70 to 82.70): BE1  
 Ion 128.00 (127.70 to 128.70): BE1  
 Ion 54.00 (53.70 to 54.70): BE1

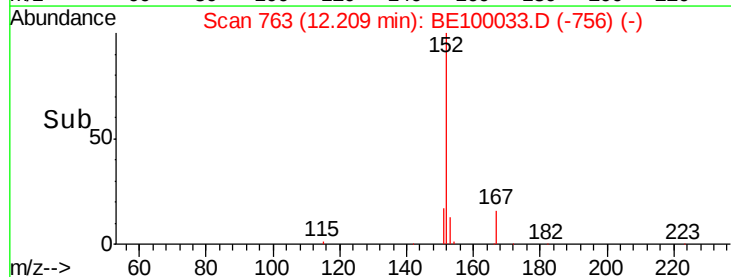
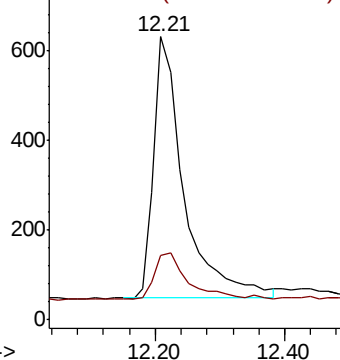


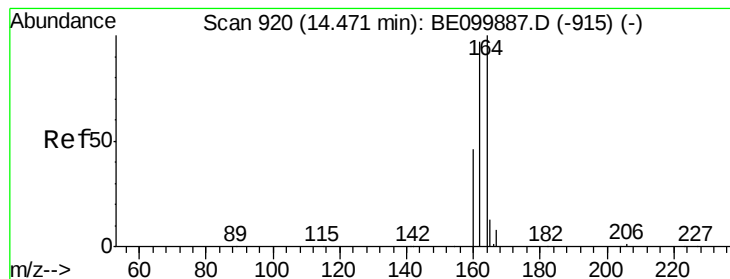
#11  
 2-Methylnaphthalene-d10  
 Concen: 0.349 ng  
 RT: 12.21 min Scan# 763  
 Delta R.T. 0.00 min  
 Lab File: BE100033.D  
 Acq: 14 Jun 2019 21:11

Tgt Ion: 152 Resp: 1902  
 Ion Ratio Lower Upper  
 152 100  
 151 19.2 15.2 22.8



Abundance Ion 152.00 (151.70 to 152.70): E  
 Ion 151.00 (150.70 to 151.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.47 min Scan# 920

Delta R.T. 0.00 min

Lab File: BE100033.D

Acq: 14 Jun 2019 21:11

Instrument :

BNA\_E

ClientSampleId :

BP-TT-MW202S-20190610

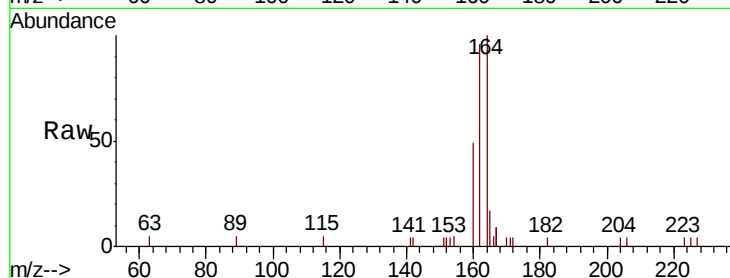
Tot Ion:164 Resp: 2422

Ion Ratio Lower Upper

164 100

162 96.3 77.8 116.8

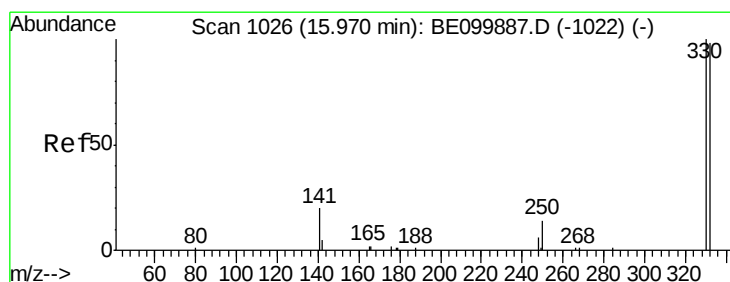
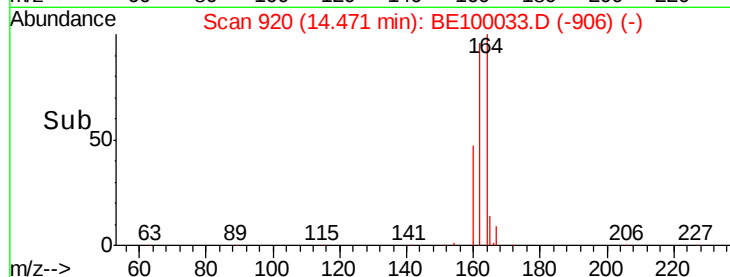
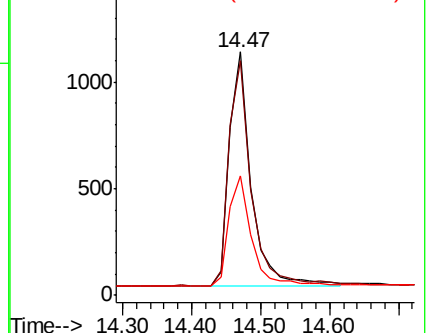
160 49.2 38.2 57.4



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: 0.313 ng

RT: 15.97 min Scan# 1026

Delta R.T. 0.00 min

Lab File: BE100033.D

Acq: 14 Jun 2019 21:11

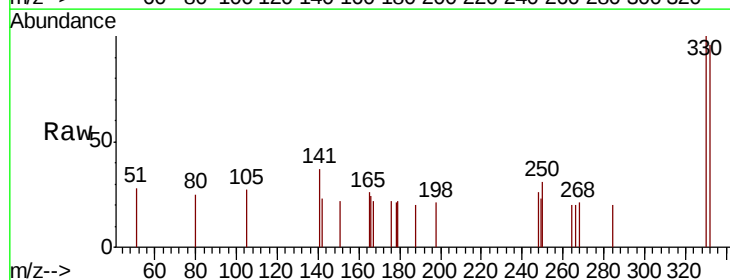
Tgt Ion:330 Resp: 561

Ion Ratio Lower Upper

330 100

332 95.9 76.7 115.1

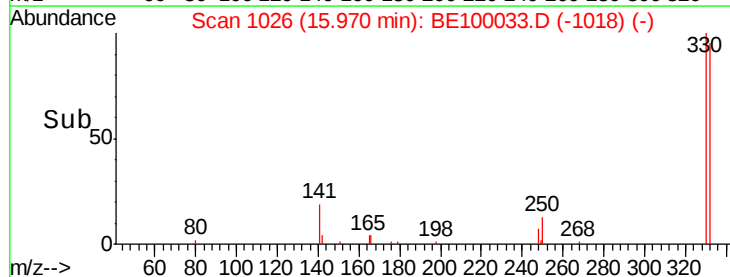
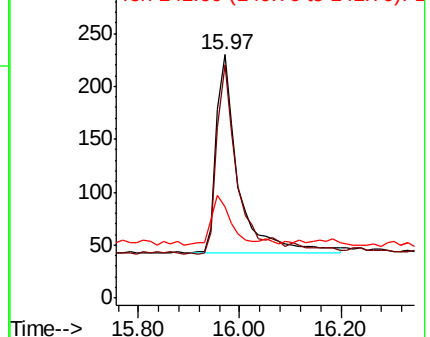
141 20.1 21.0 31.6#

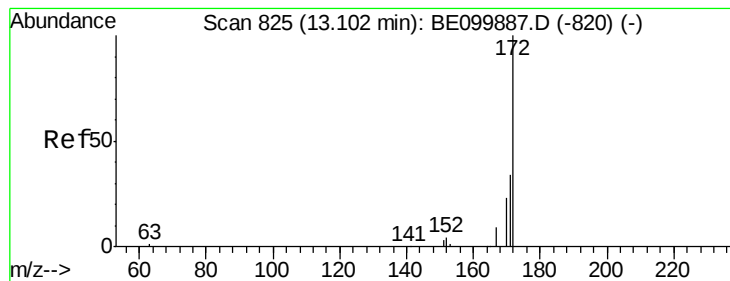


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.451 ng

RT: 13.10 min Scan# 825

Delta R.T. 0.00 min

Lab File: BE100033.D

Acq: 14 Jun 2019 21:11

Instrument :

BNA\_E

ClientSampleId :

BP-TT-MW202S-20190610

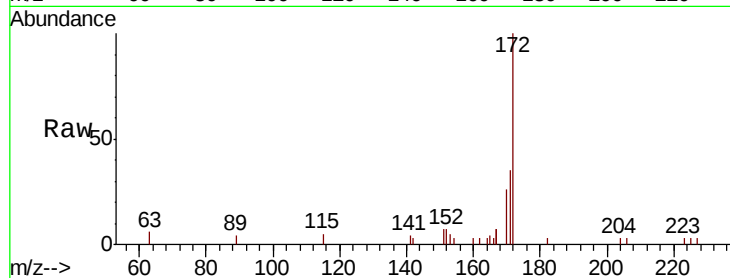
Tot Ion:172 Resp: 4137

Ion Ratio Lower Upper

172 100

171 34.9 29.2 43.8

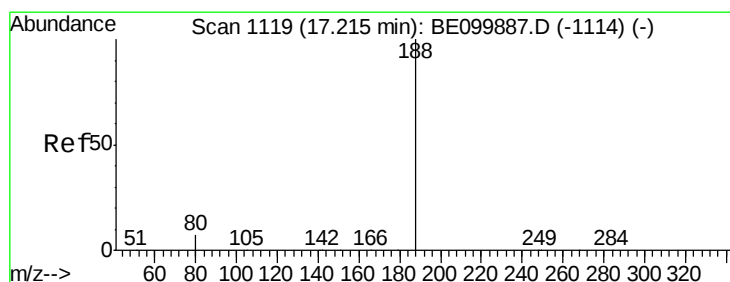
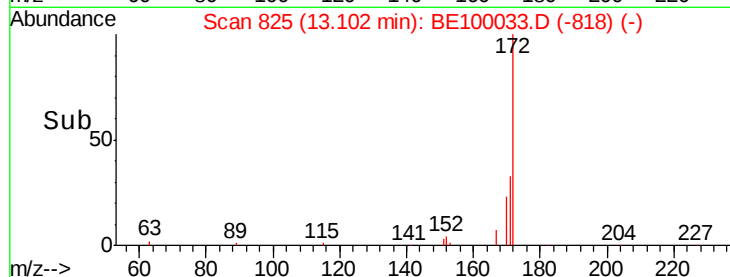
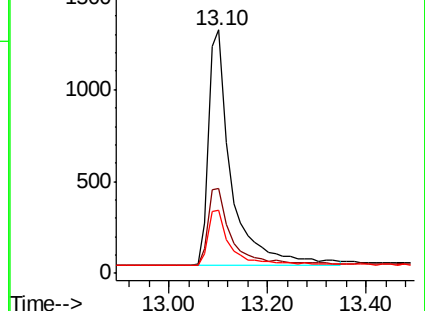
170 25.8 21.2 31.8



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.22 min Scan# 1119

Delta R.T. 0.00 min

Lab File: BE100033.D

Acq: 14 Jun 2019 21:11

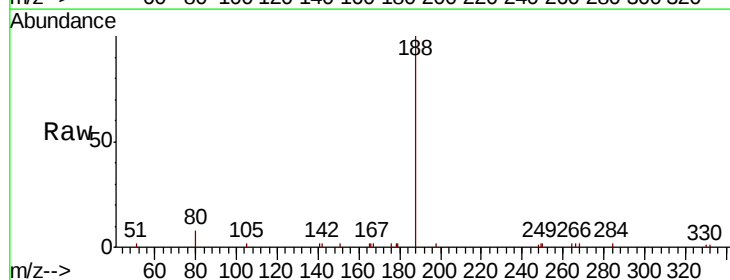
Tgt Ion:188 Resp: 7149

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

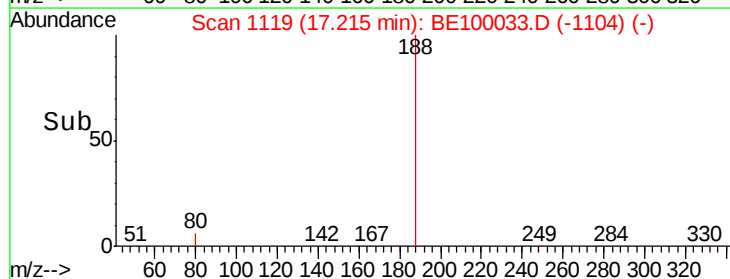
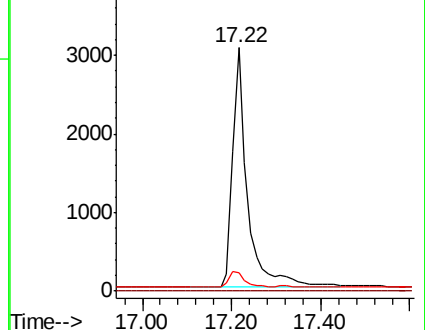
80 7.7 6.4 9.6

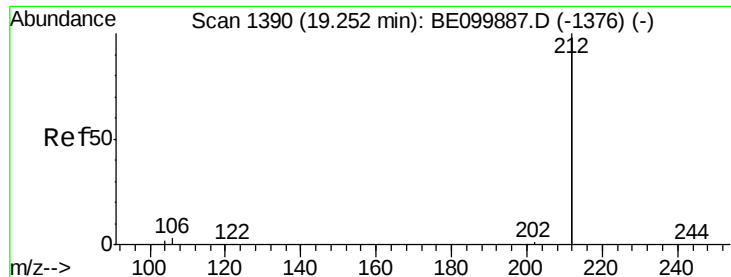


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE1

Ion 80.00 (79.70 to 80.70): BE1





#25

Fluoranthene-d10

Concen: 0.332 ng

RT: 19.24 min Scan# 1388

Delta R.T. -0.01 min

Lab File: BE100033.D

Acq: 14 Jun 2019 21:11

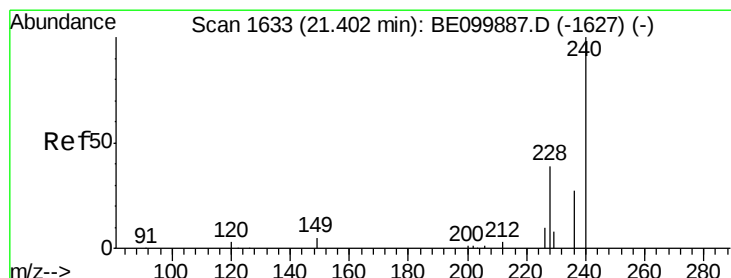
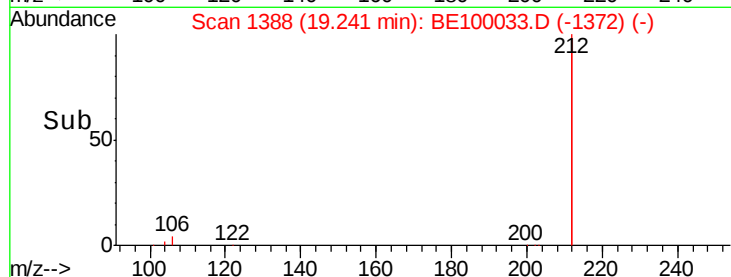
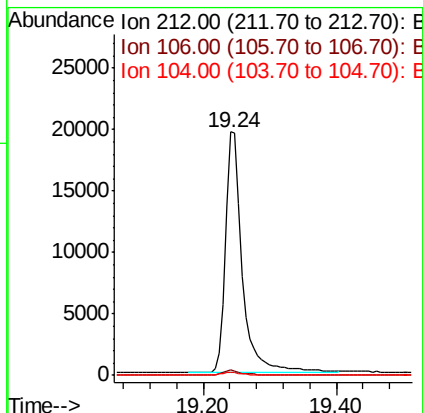
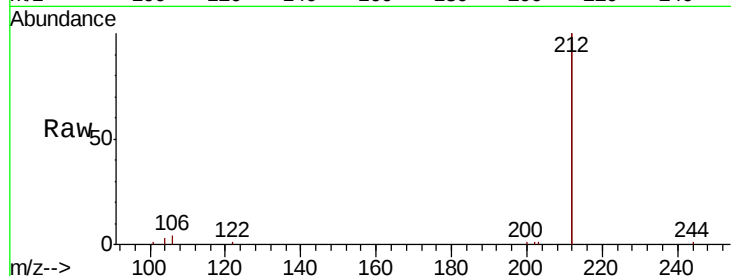
Instrument :

BNA\_E

ClientSampleId :

BP-TT-MW202S-20190610

|             |       |         |
|-------------|-------|---------|
| Tot Ion:212 | Resp: | 34613   |
| Ion Ratio   | Lower | Upper   |
| 212         | 100   |         |
| 106         | 1.9   | 1.4 2.2 |
| 104         | 1.1   | 0.9 1.3 |



#27

Chrysene-d12

Concen: 0.400 ng

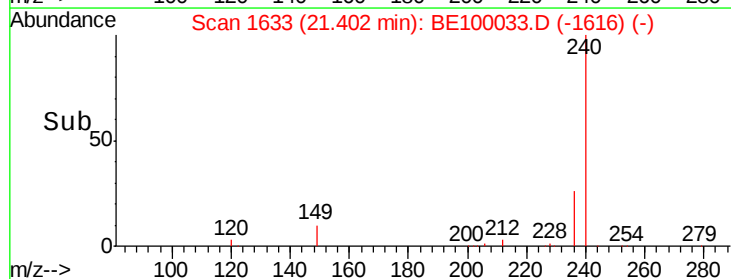
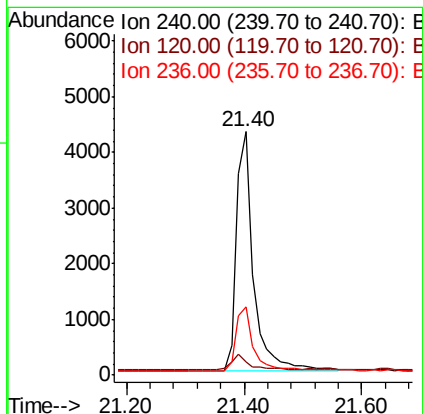
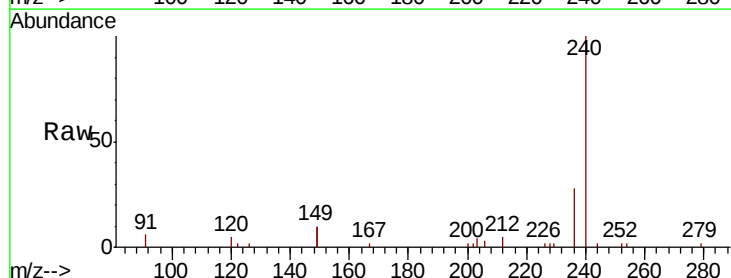
RT: 21.40 min Scan# 1633

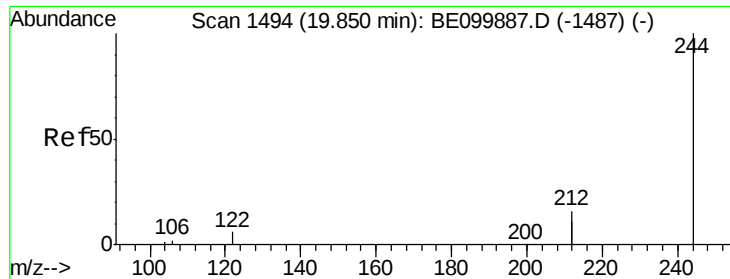
Delta R.T. 0.00 min

Lab File: BE100033.D

Acq: 14 Jun 2019 21:11

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:240 | Resp: | 8874      |
| Ion Ratio   | Lower | Upper     |
| 240         | 100   |           |
| 120         | 5.2   | 3.8 5.6   |
| 236         | 28.0  | 22.0 33.0 |





#29

Terphenyl-d14

Concen: 0.586 ng

RT: 19.84 min Scan# 1492

Delta R.T. -0.01 min

Lab File: BE100033.D

Acq: 14 Jun 2019 21:11

Instrument :

BNA\_E

ClientSampleId :

BP-TT-MW202S-20190610

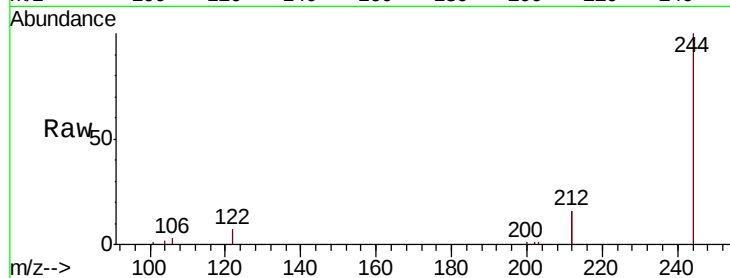
Tot Ion:244 Resp: 9354

Ion Ratio Lower Upper

244 100

212 32.1 25.7 38.5

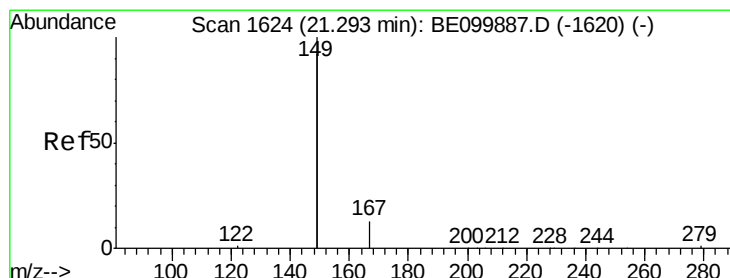
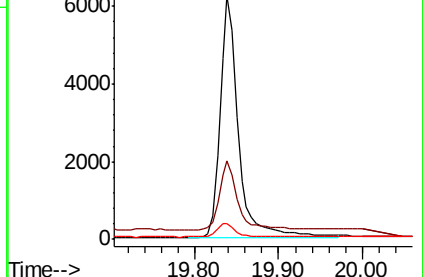
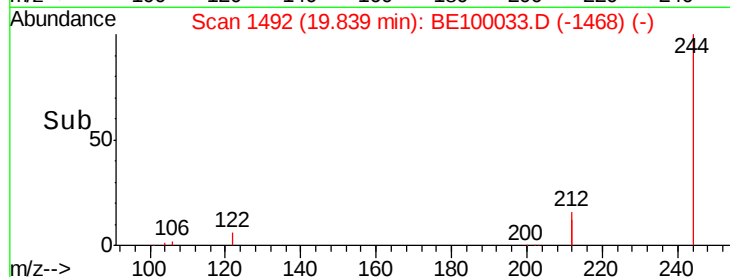
122 6.7 5.5 8.3



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: 0.037 ng

RT: 21.29 min Scan# 1624

Delta R.T. 0.00 min

Lab File: BE100033.D

Acq: 14 Jun 2019 21:11

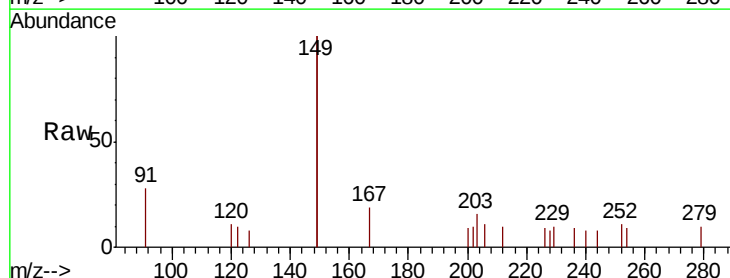
Tgt Ion:149 Resp: 1396

Ion Ratio Lower Upper

149 100

167 8.1 5.9 8.9

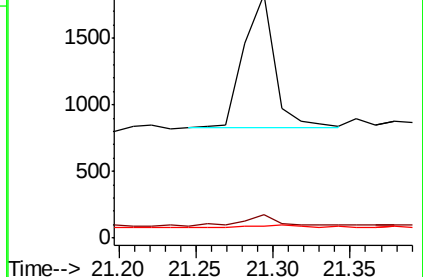
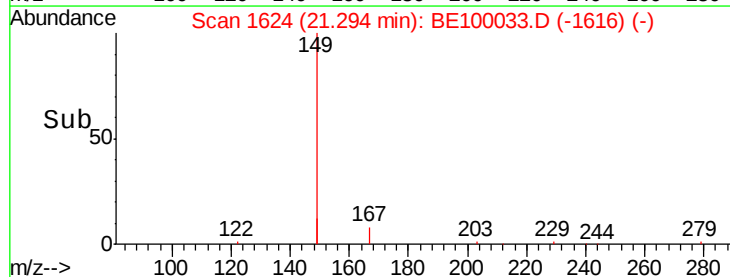
279 2.7 1.2 1.8#

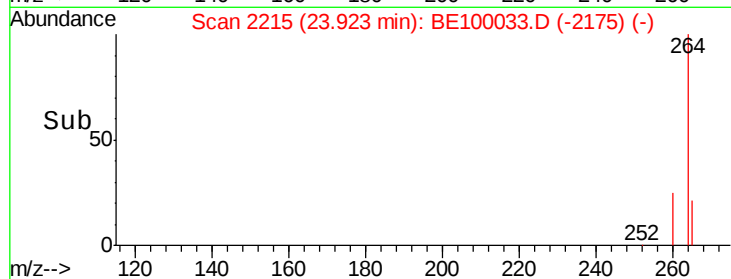
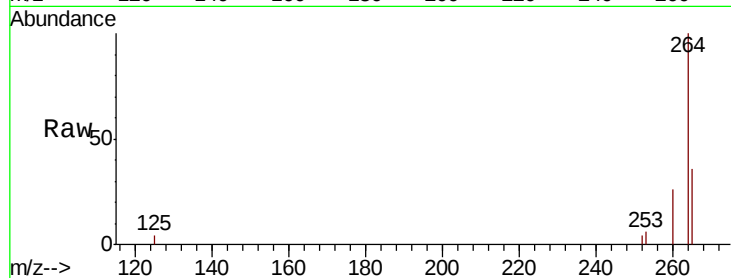
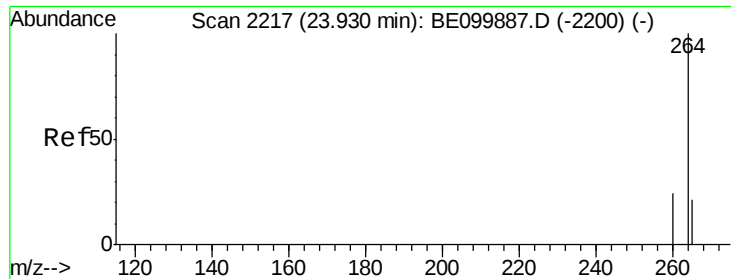


Abundance Ion 149.00 (148.70 to 149.70): E

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: 23.92 min Scan# 2215

Delta R.T. -0.01 min

Lab File: BE100033.D

Acq: 14 Jun 2019 21:11

Instrument :

BNA\_E

ClientSampleId :

BP-TT-MW202S-20190610

Tot Ion:264 Resp: 9997

Ion Ratio Lower Upper

264 100

260 25.9 20.2 30.2

265 36.2 22.0 33.0#

