

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE122619\  
 Data File : BE100977.D  
 Acq On : 26 Dec 2019 18:47  
 Operator : JU  
 Sample : PB125683BL  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 PB125683BL

Quant Time: Dec 27 02:29:15 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE122419.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Dec 24 14:28:42 2019  
 Response via : Initial Calibration

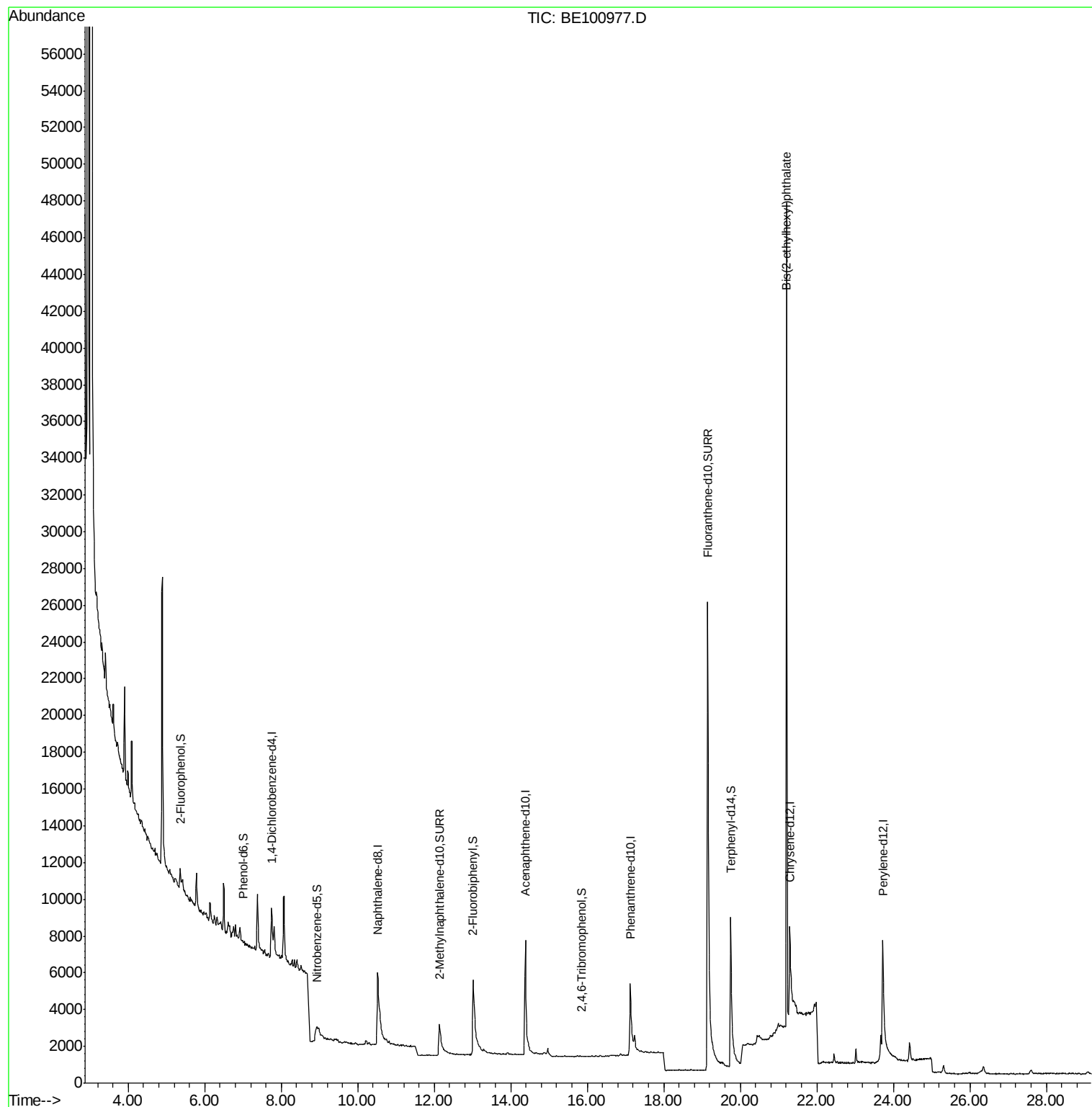
| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4      | 7.75  | 152  | 2207     | 0.40  | ng    | 0.00     |
| 7) Naphthalene-d8              | 10.54 | 136  | 10077    | 0.40  | ng    | 0.01     |
| 13) Acenaphthene-d10           | 14.38 | 164  | 6353     | 0.40  | ng    | 0.00     |
| 19) Phenanthrene-d10           | 17.12 | 188  | 13898    | 0.40  | ng    | 0.00     |
| 27) Chrysene-d12               | 21.29 | 240  | 13248    | 0.40  | ng    | 0.00     |
| 34) Perylene-d12               | 23.73 | 264  | 16672    | 0.40  | ng    | 0.00     |
| System Monitoring Compounds    |       |      |          |       |       |          |
| 4) 2-Fluorophenol              | 5.36  | 112  | 854      | 0.23  | ng    | 0.00     |
| 5) Phenol-d6                   | 7.01  | 99   | 394      | 0.25  | ng    | 0.02     |
| 8) Nitrobenzene-d5             | 8.92  | 82   | 1337     | 0.39  | ng    | 0.01     |
| 11) 2-Methylnaphthalene-d10    | 12.14 | 152  | 6628     | 0.45  | ng    | 0.01     |
| 14) 2,4,6-Tribromophenol       | 15.86 | 330  | 6        | 0.24  | ng    | -0.01    |
| 15) 2-Fluorobiphenyl           | 13.02 | 172  | 11424    | 0.51  | ng    | 0.00     |
| 25) Fluoranthene-d10           | 19.15 | 212  | 72881    | 0.43  | ng    | 0.00     |
| 29) Terphenyl-d14              | 19.75 | 244  | 15519    | 0.51  | ng    | 0.00     |
| Target Compounds               |       |      |          |       |       | Qvalue   |
| 32) Bis(2-ethylhexyl)phthalate | 21.21 | 149  | 53452    | 0.900 | ng    | 100      |

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

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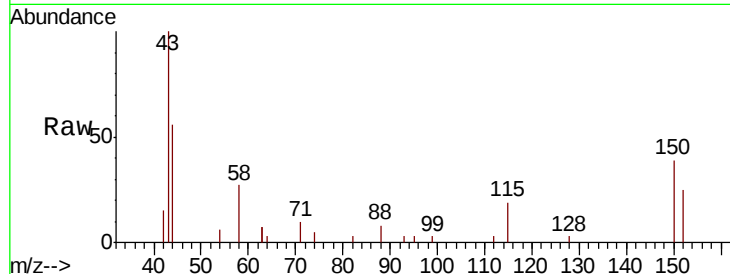


#1

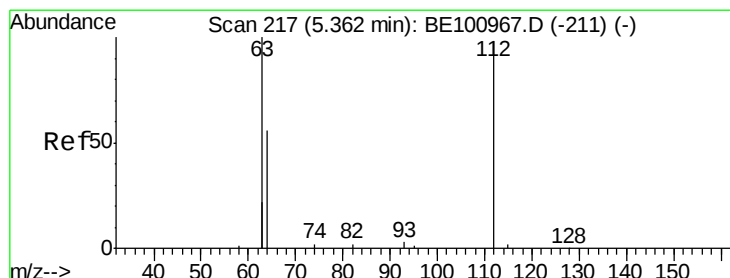
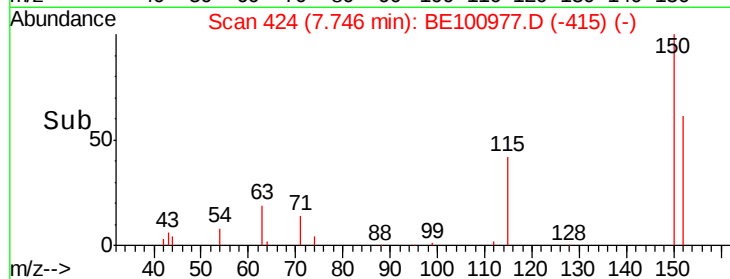
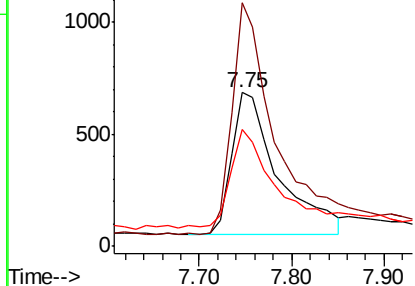
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.75 min Scan# 424  
Delta R.T. 0.00 min  
Lab File: BE100977.D  
Acq: 26 Dec 2019 18:47

Instrument :  
BNA\_E  
ClientSampleId :  
PB125683BL

Tot Ion:152 Resp: 2207  
Ion Ratio Lower Upper  
152 100  
150 158.5 132.6 199.0  
115 76.4 64.1 96.1



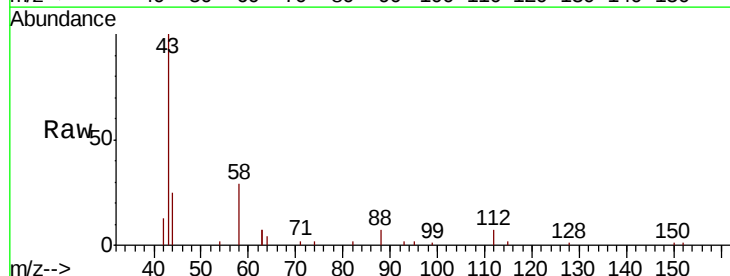
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



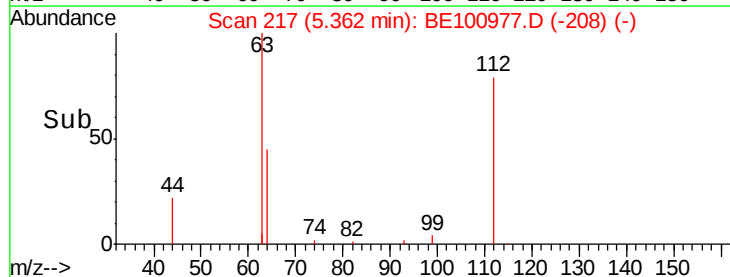
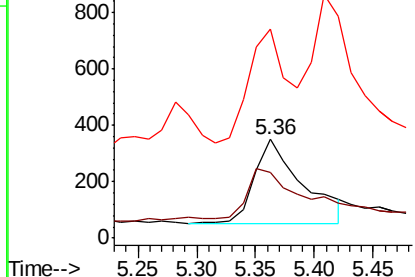
#4

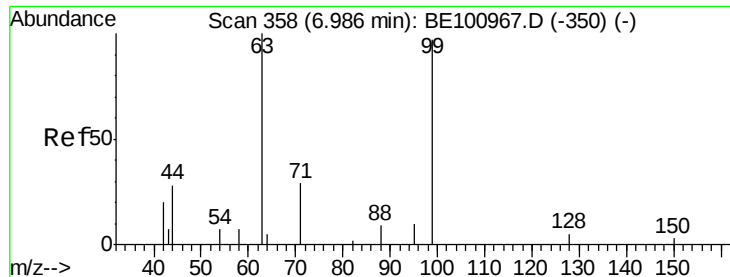
2-Fluorophenol  
Concen: 0.229 ng  
RT: 5.36 min Scan# 217  
Delta R.T. 0.00 min  
Lab File: BE100977.D  
Acq: 26 Dec 2019 18:47

Tgt Ion:112 Resp: 854  
Ion Ratio Lower Upper  
112 100  
64 66.3 59.0 88.6  
63 109.6 121.4 182.0#



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: 0.253 ng

RT: 7.01 min Scan# 360

Delta R.T. 0.02 min

Lab File: BE100977.D

Acq: 26 Dec 2019 18:47

Instrument :

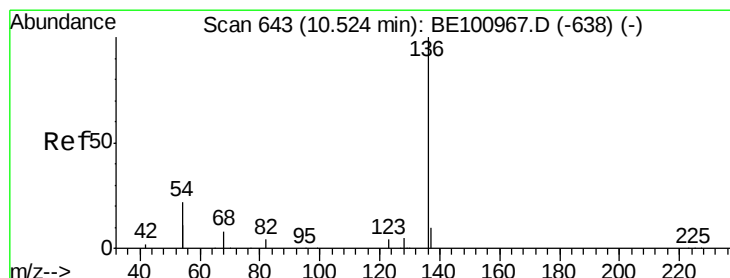
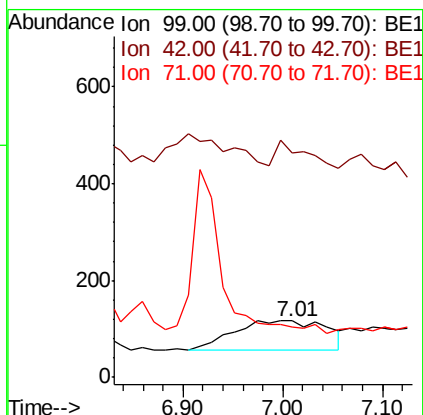
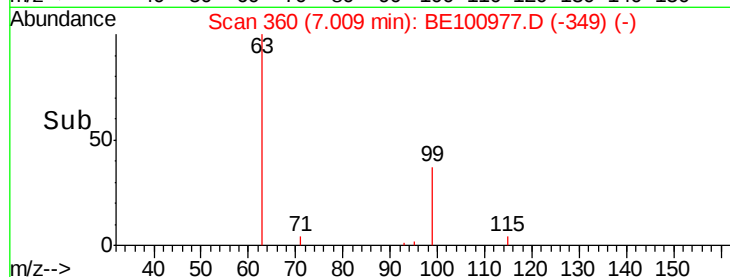
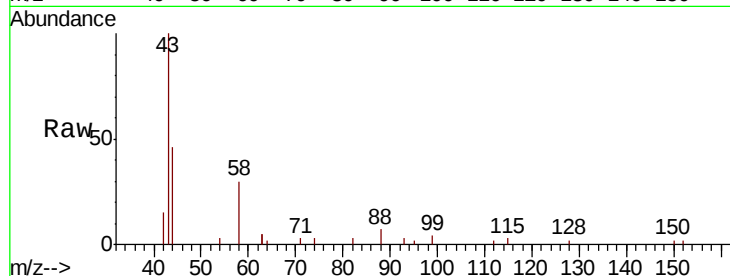
BNA\_E

ClientSampleId :

PB125683BL

Tot Ion: 99 Resp: 394

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 26.6  | 0.0   | 0.0#  |
| 71  | 0.0   | 0.0   | 0.0   |



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.54 min Scan# 644

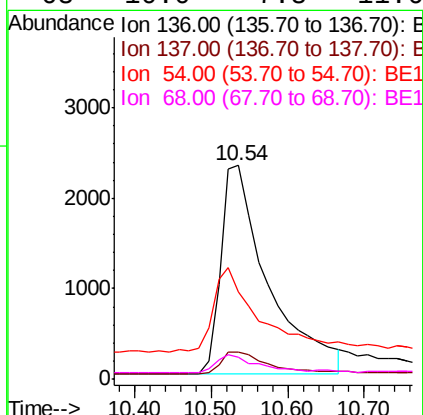
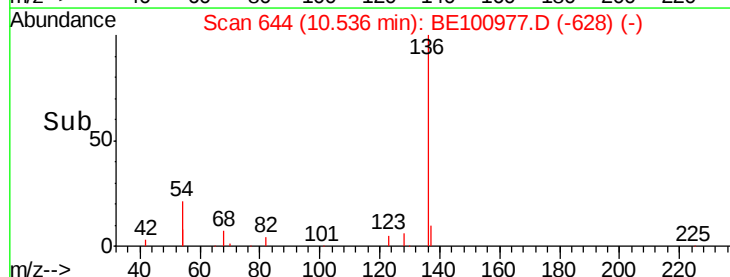
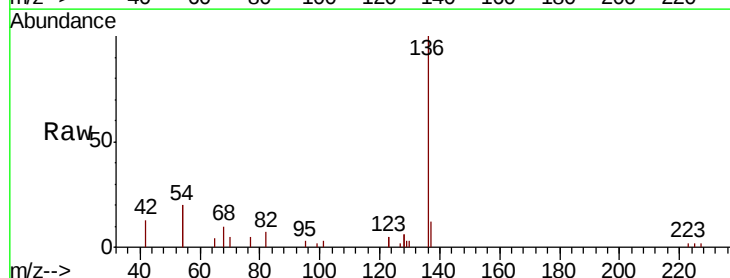
Delta R.T. 0.01 min

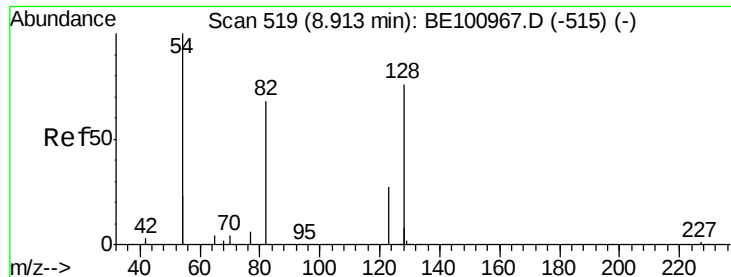
Lab File: BE100977.D

Acq: 26 Dec 2019 18:47

Tgt Ion: 136 Resp: 10077

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 12.5  | 9.0   | 13.6  |
| 54  | 40.7  | 34.4  | 51.6  |
| 68  | 10.0  | 7.8   | 11.6  |

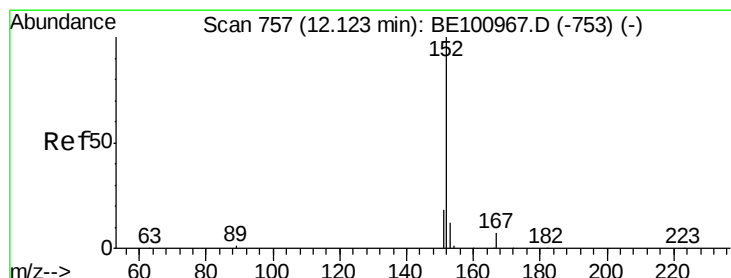
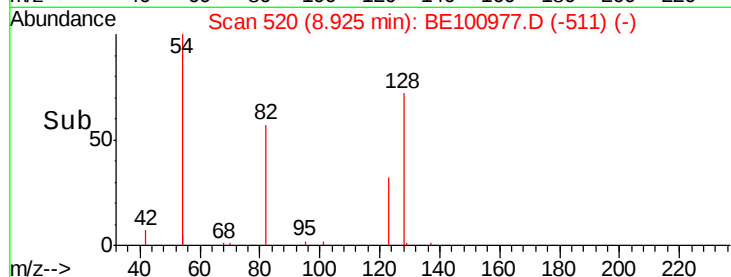
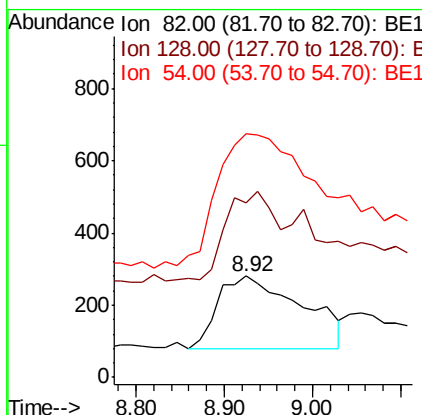
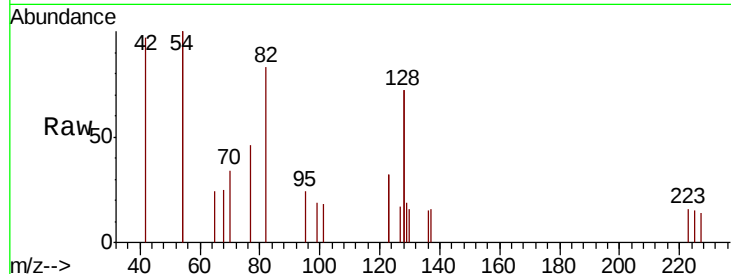




#8  
 Nitrobenzene-d5  
 Concen: 0.387 ng  
 RT: 8.92 min Scan# 520  
 Delta R.T. 0.01 min  
 Lab File: BE100977.D  
 Acq: 26 Dec 2019 18:47

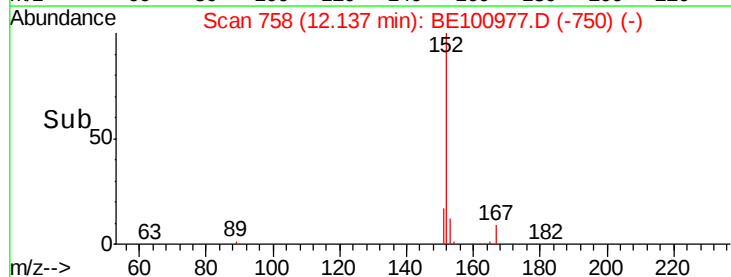
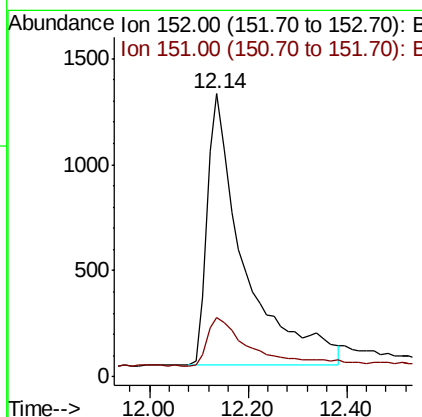
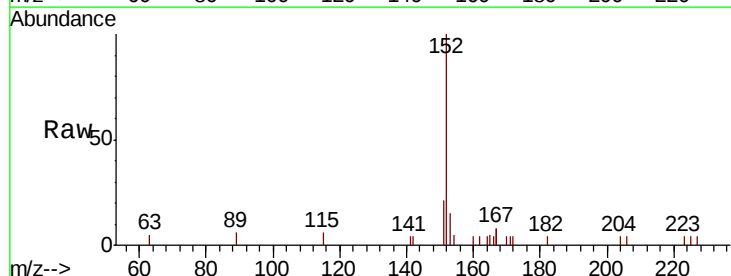
Instrument :  
 BNA\_E  
 ClientSampleId :  
 PB125683BL

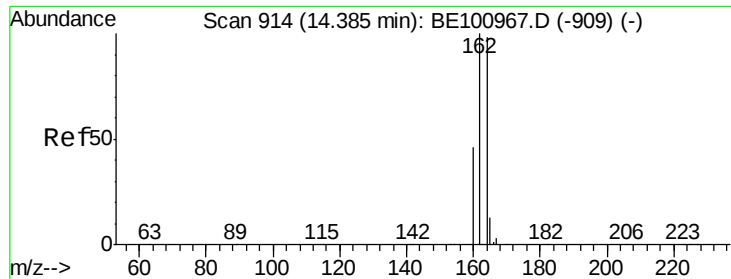
| Tot Ion   | 82    | Resp  | 1337  |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 82        | 100   |       |       |
| 128       | 172.2 | 140.2 | 210.2 |
| 54        | 239.9 | 183.8 | 275.6 |



#11  
 2-Methylnaphthalene-d10  
 Concen: 0.448 ng  
 RT: 12.14 min Scan# 758  
 Delta R.T. 0.01 min  
 Lab File: BE100977.D  
 Acq: 26 Dec 2019 18:47

| Tgt Ion   | 152   | Resp  | 6628 |
|-----------|-------|-------|------|
| Ion Ratio | Lower | Upper |      |
| 152       | 100   |       |      |
| 151       | 19.7  | 15.1  | 22.7 |

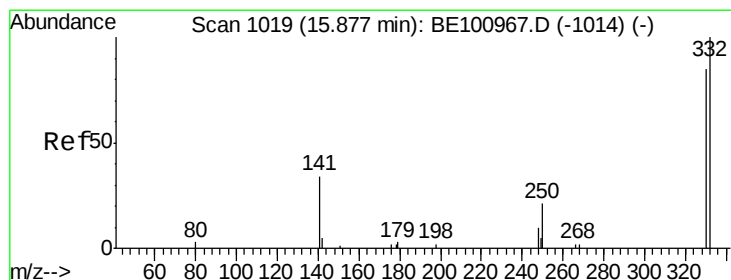
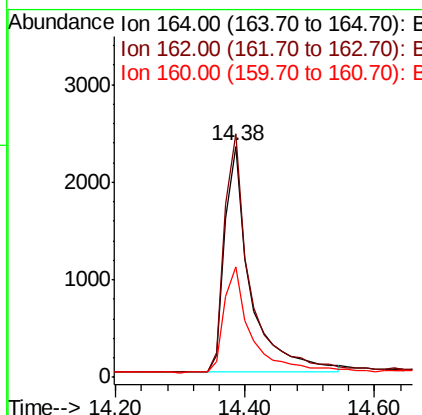
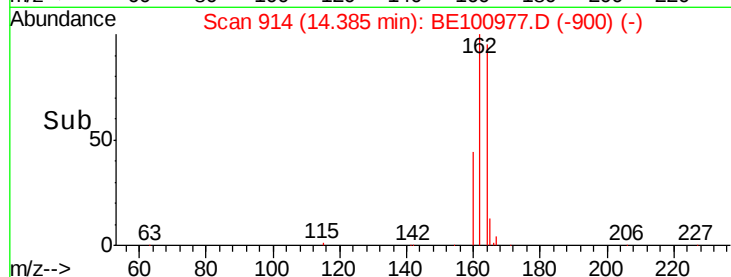
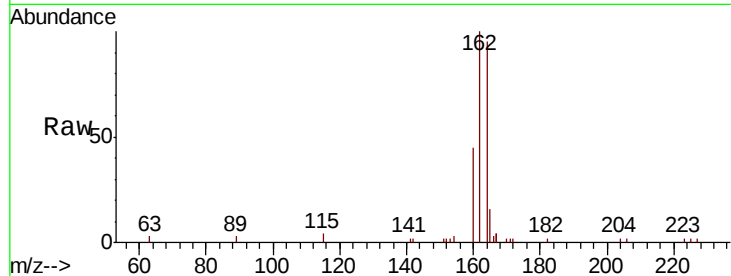




#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.38 min Scan# 914  
Delta R.T. 0.00 min  
Lab File: BE100977.D  
Acq: 26 Dec 2019 18:47

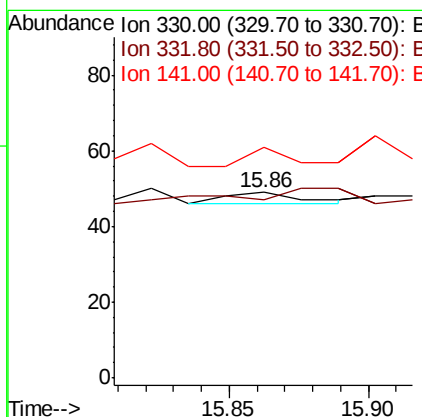
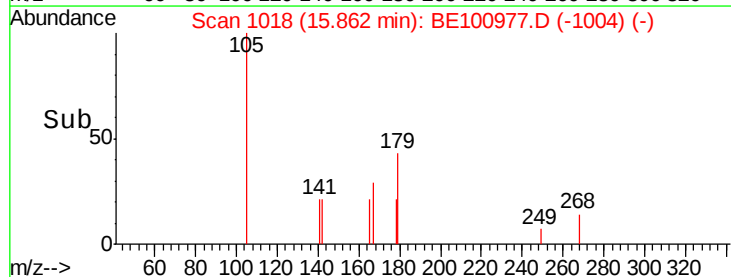
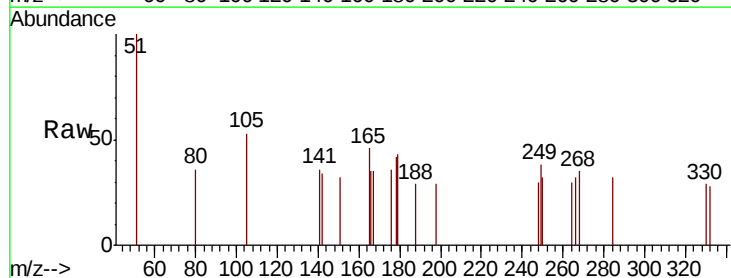
Instrument :  
BNA\_E  
ClientSampleId :  
PB125683BL

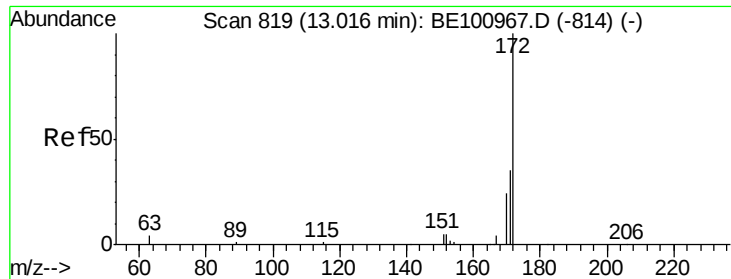
Tot Ion:164 Resp: 6353  
Ion Ratio Lower Upper  
164 100  
162 105.4 81.6 122.4  
160 47.8 37.7 56.5



#14  
2,4,6-Tribromophenol  
Concen: 0.235 ng  
RT: 15.86 min Scan# 1018  
Delta R.T. -0.01 min  
Lab File: BE100977.D  
Acq: 26 Dec 2019 18:47

Tgt Ion:330 Resp: 6  
Ion Ratio Lower Upper  
330 100  
332 200.0 72.4 108.6#  
141 83.3 25.4 38.2#

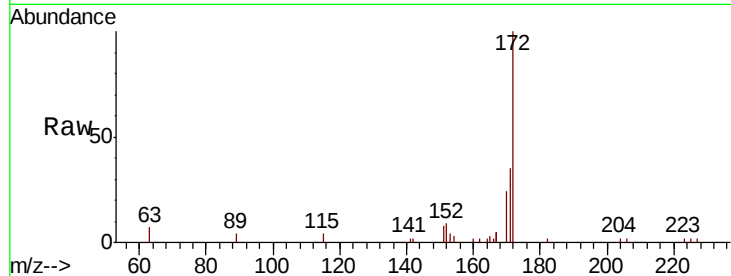




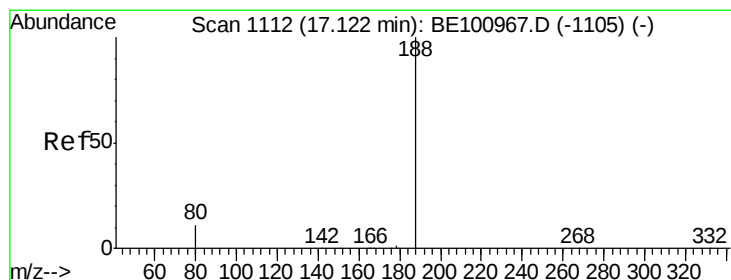
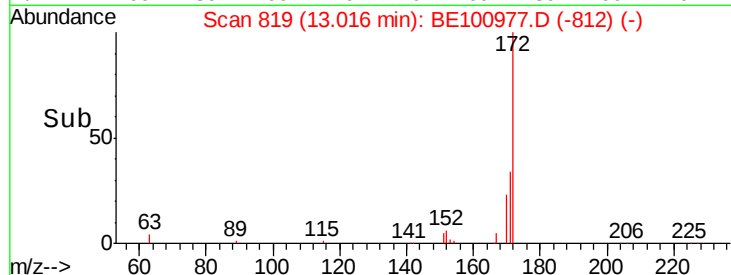
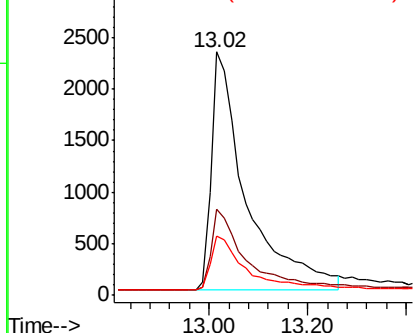
#15  
2-Fluorobiphenyl  
Concen: 0.506 ng  
RT: 13.02 min Scan# 819  
Delta R.T. 0.00 min  
Lab File: BE100977.D  
Acq: 26 Dec 2019 18:47

Instrument :  
BNA\_E  
ClientSampleId :  
PB125683BL

Tot Ion:172 Resp: 11424  
Ion Ratio Lower Upper  
172 100  
171 35.3 29.0 43.6  
170 24.3 20.0 30.0

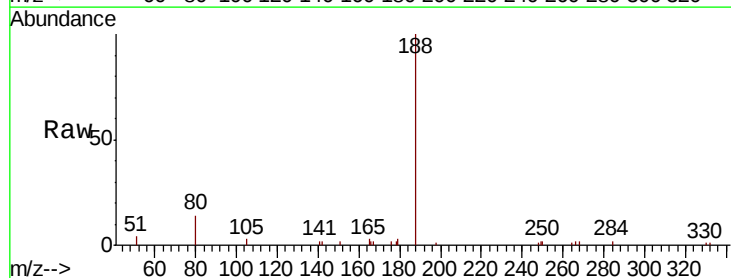


Abundance Ion 172.00 (171.70 to 172.70): E  
Ion 171.00 (170.70 to 171.70): E  
Ion 170.00 (169.70 to 170.70): E

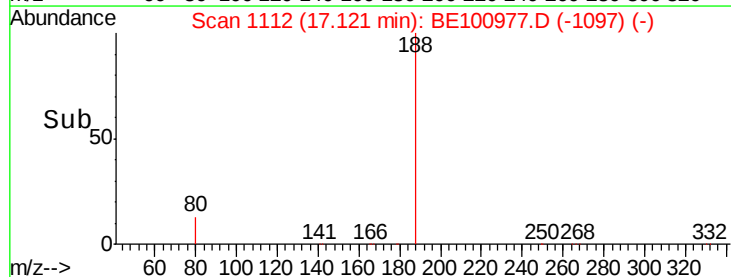
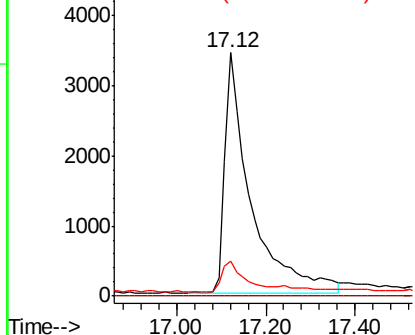


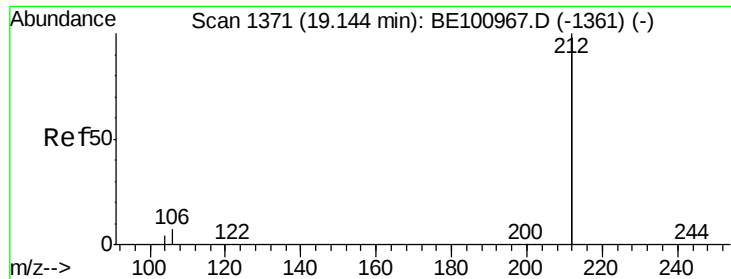
#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.12 min Scan# 1112  
Delta R.T. -0.00 min  
Lab File: BE100977.D  
Acq: 26 Dec 2019 18:47

Tgt Ion:188 Resp: 13898  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 14.5 9.7 14.5



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

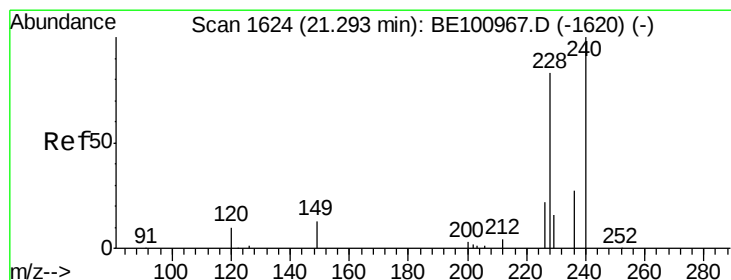
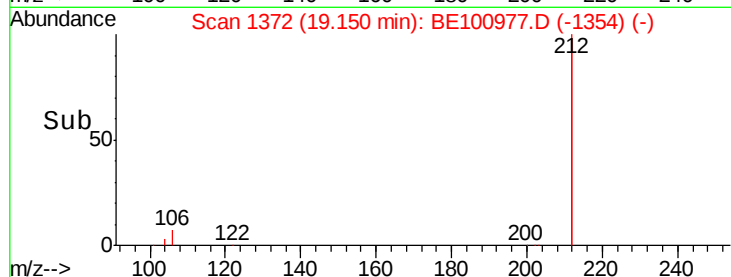
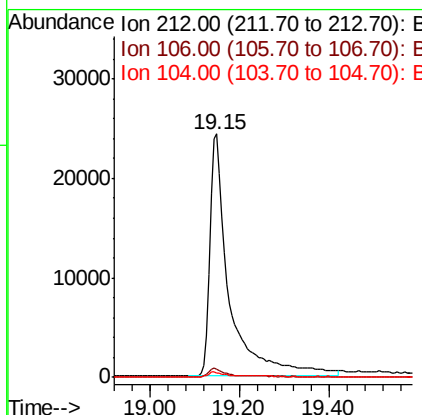
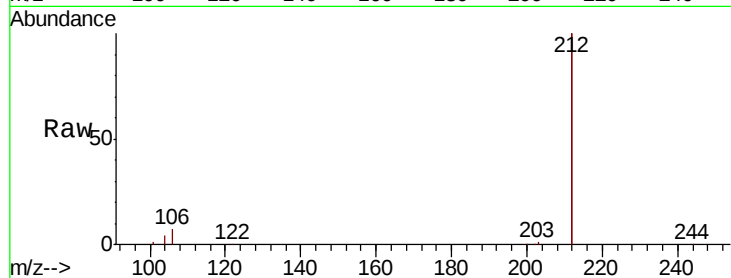




#25  
Fluoranthene-d10  
Concen: 0.432 ng  
RT: 19.15 min Scan# 1372  
Delta R.T. 0.01 min  
Lab File: BE100977.D  
Acq: 26 Dec 2019 18:47

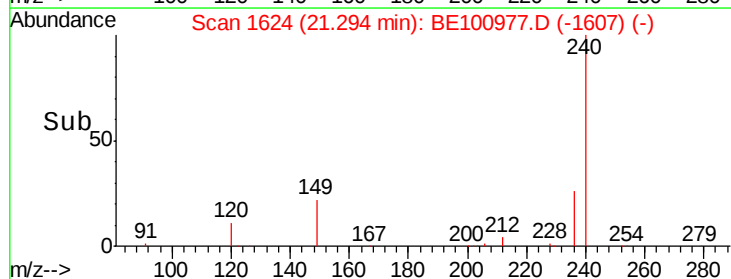
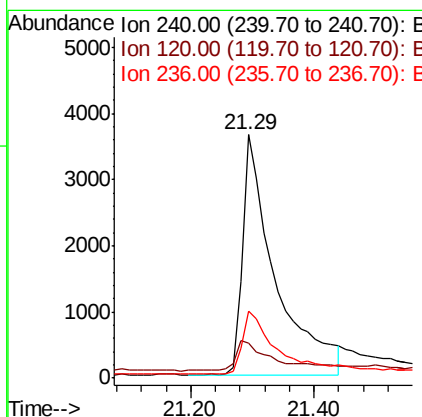
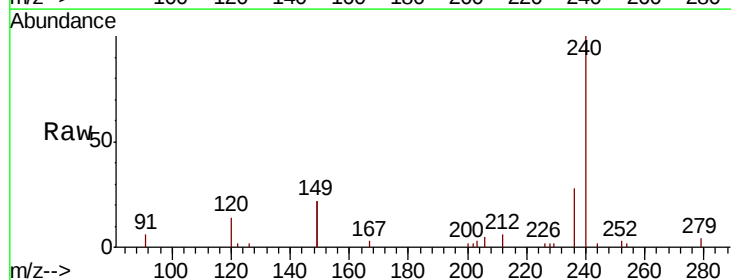
Instrument :  
BNA\_E  
ClientSampleId :  
PB125683BL

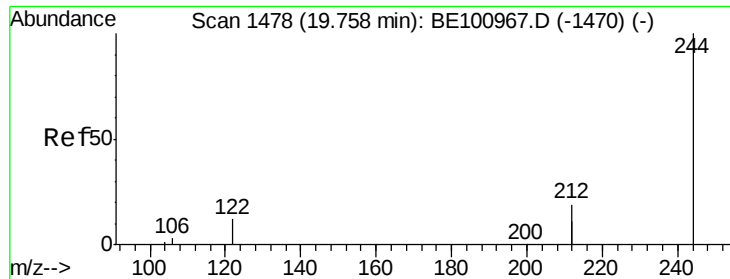
Tot Ion:212 Resp: 72881  
Ion Ratio Lower Upper  
212 100  
106 2.9 2.4 3.6  
104 1.7 1.4 2.0



#27  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.29 min Scan# 1624  
Delta R.T. 0.00 min  
Lab File: BE100977.D  
Acq: 26 Dec 2019 18:47

Tgt Ion:240 Resp: 13248  
Ion Ratio Lower Upper  
240 100  
120 14.5 10.2 15.4  
236 27.6 22.6 34.0





#29

Terphenyl-d14

Concen: 0.510 ng

RT: 19.75 min Scan# 1477

Delta R.T. -0.01 min

Lab File: BE100977.D

Acq: 26 Dec 2019 18:47

Instrument :

BNA\_E

ClientSampleId :

PB125683BL

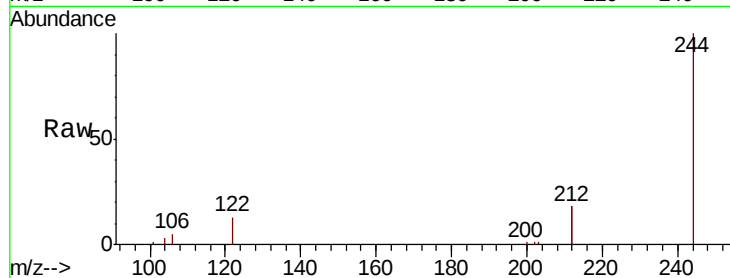
Tot Ion:244 Resp: 15519

Ion Ratio Lower Upper

244 100

212 35.4 29.3 43.9

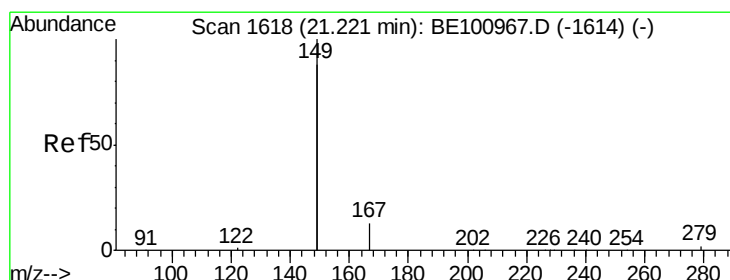
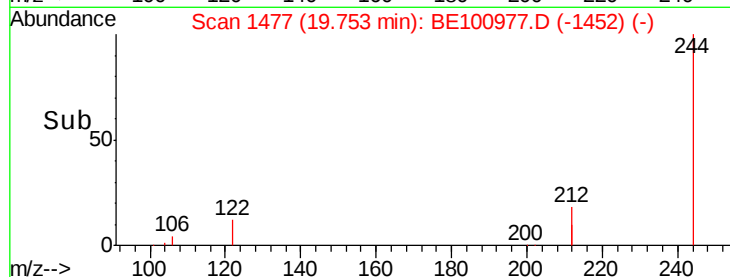
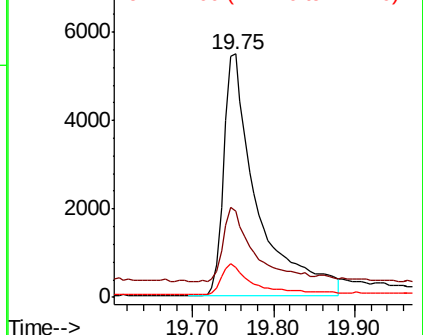
122 12.5 10.2 15.4



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: 0.900 ng

RT: 21.21 min Scan# 1617

Delta R.T. -0.01 min

Lab File: BE100977.D

Acq: 26 Dec 2019 18:47

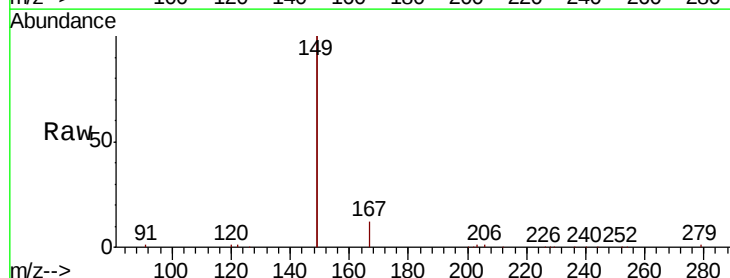
Tgt Ion:149 Resp: 53452

Ion Ratio Lower Upper

149 100

167 6.4 5.1 7.7

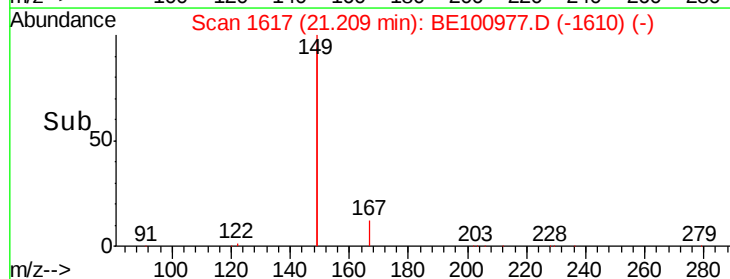
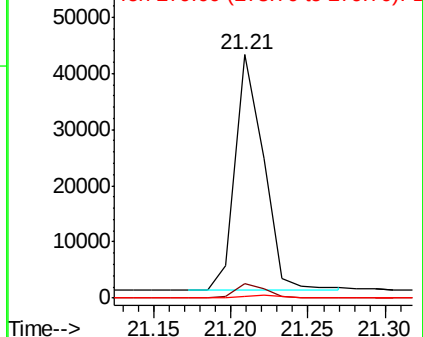
279 0.9 0.6 1.0

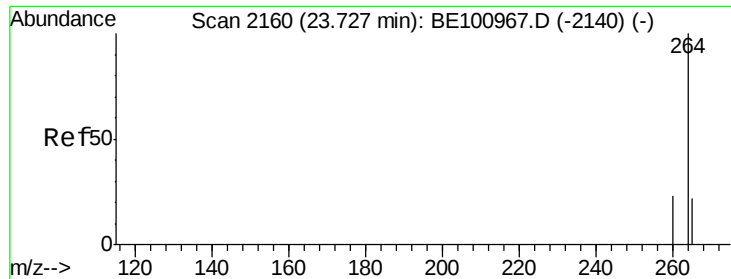


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

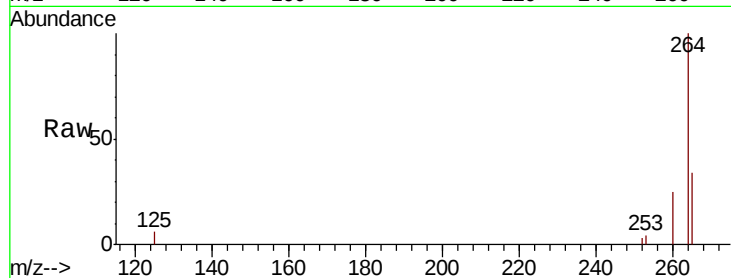




#34  
Pervlène-d12  
Concen: 0.400 ng  
RT: 23.73 min Scan# 2160  
Delta R.T. -0.00 min  
Lab File: BE100977.D  
Acq: 26 Dec 2019 18:47

Instrument :  
BNA\_E  
ClientSampleId :  
PB125683BL

Tot Ion: 264 Resp: 16672  
Ion Ratio Lower Upper  
264 100  
260 24.7 19.1 28.7  
265 34.0 26.6 40.0



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

