

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_E\DATA\BE070219\  
 Data File : BE100298.D  
 Acq On : 2 Jul 2019 12:35  
 Operator : JU/SJ  
 Sample : PB120959BL  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 PB120959BL

Quant Time: Jul 03 02:12:23 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_E\METHODS\8270-SIM-BE062819.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jun 28 14:06:53 2019  
 Response via : Initial Calibration

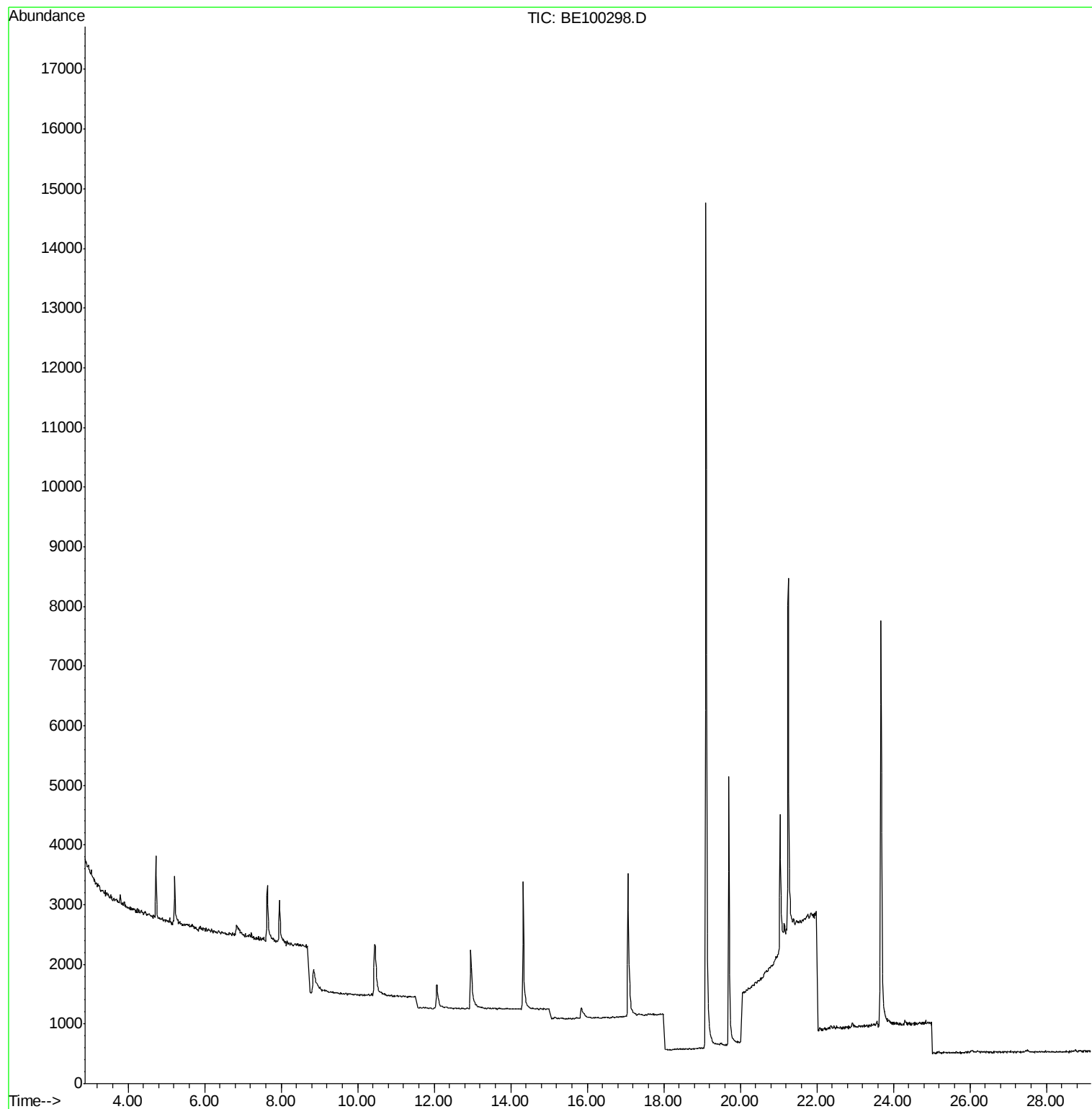
| Internal Standards             | R.T.  | QIon | Response | Conc      | Units    | Dev(Min) |
|--------------------------------|-------|------|----------|-----------|----------|----------|
| 1) 1,4-Dichlorobenzene-d4      | 7.65  | 152  | 778      | 0.40      | ng       | 0.00     |
| 7) Naphthalene-d8              | 10.45 | 136  | 2341     | 0.40      | ng       | 0.00     |
| 13) Acenaphthene-d10           | 14.33 | 164  | 1836     | 0.40      | ng       | 0.01     |
| 19) Phenanthrene-d10           | 17.07 | 188  | 5916     | 0.40      | ng       | 0.01     |
| 27) Chrysene-d12               | 21.26 | 240  | 9289     | 0.40      | ng       | 0.01     |
| 34) Perylene-d12               | 23.68 | 264  | 11887    | 0.40      | ng       | 0.02     |
| System Monitoring Compounds    |       |      |          |           |          |          |
| 4) 2-Fluorophenol              | 5.22  | 112  | 690      | 0.35      | ng       | 0.00     |
| 5) Phenol-d6                   | 6.85  | 99   | 706      | 0.27      | ng       | 0.01     |
| 8) Nitrobenzene-d5             | 8.85  | 82   | 544      | 0.23      | ng       | 0.03     |
| 11) 2-Methylnaphthalene-d10    | 12.06 | 152  | 1305     | 0.30      | ng       | 0.01     |
| 14) 2,4,6-Tribromophenol       | 15.84 | 330  | 344      | 0.27      | ng       | 0.01     |
| 15) 2-Fluorobiphenyl           | 12.96 | 172  | 1998     | 0.28      | ng       | 0.01     |
| 25) Fluoranthene-d10           | 19.10 | 212  | 27482    | 0.32      | ng       | 0.00     |
| 29) Terphenyl-d14              | 19.71 | 244  | 5993     | 0.31      | ng       | 0.00     |
| Target Compounds               |       |      |          |           |          |          |
| 32) Bis(2-ethylhexyl)phthalate | 21.15 | 149  | 192      | Below Cal | Qvalue # | 46       |

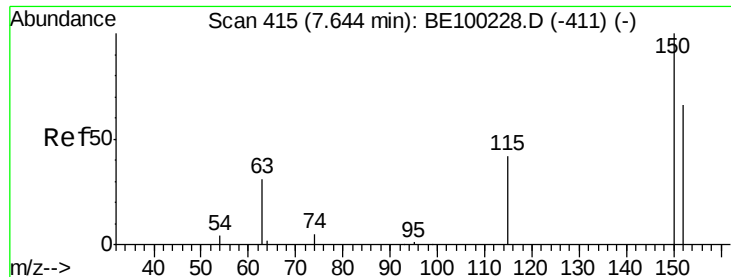
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 7 Sample Multiplier: 1

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_E\METHODS\8270-SIM-BE062819.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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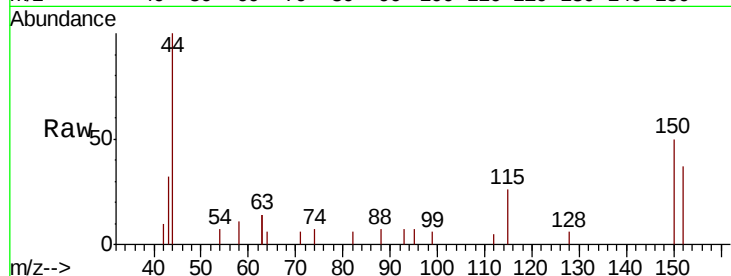




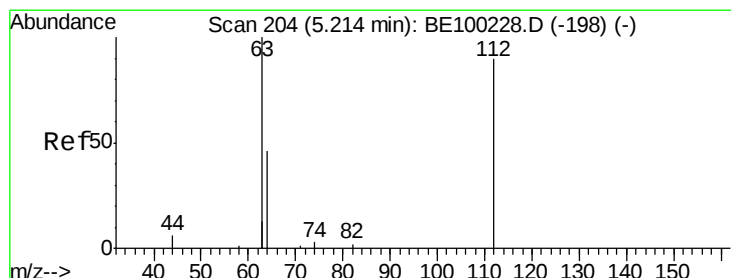
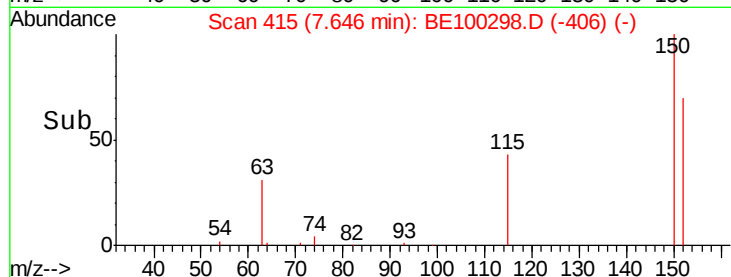
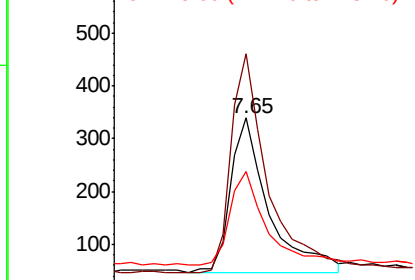
#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.65 min Scan# 415  
 Delta R.T. 0.00 min  
 Lab File: BE100298.D  
 Acq: 2 Jul 2019 12:35

Instrument :  
 BNA\_E  
 ClientSampleId :  
 PB120959BL

Tgt Ion:152 Resp: 778  
 Ion Ratio Lower Upper  
 152 100  
 150 136.0 114.5 171.7  
 115 70.2 57.1 85.7

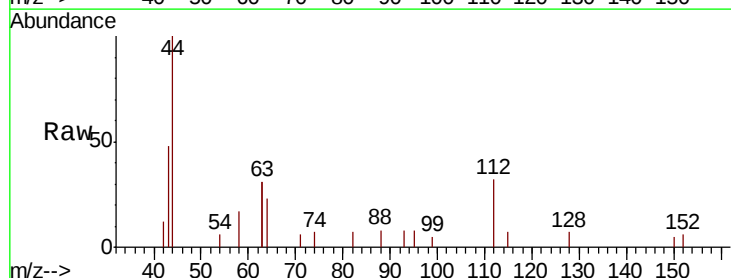


Abundance Ion 152.00 (151.70 to 152.70): E  
 Ion 150.00 (149.70 to 150.70): E  
 Ion 115.00 (114.70 to 115.70): E

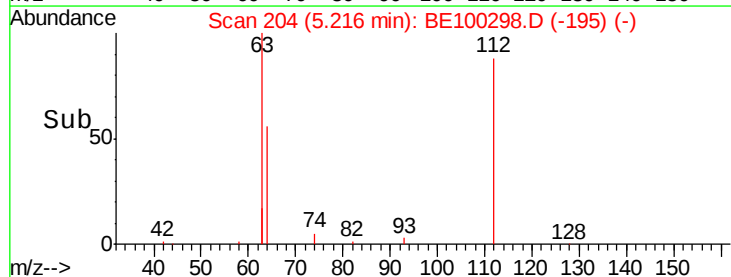
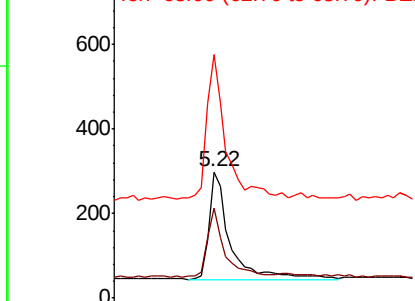


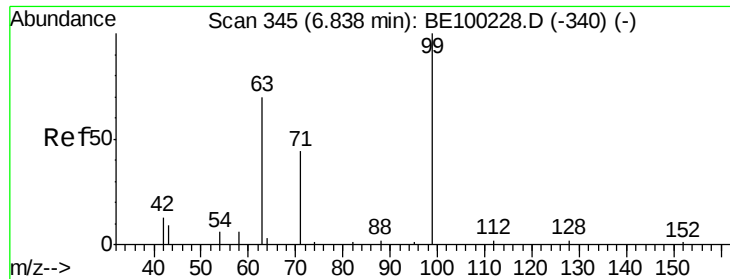
#4  
 2-Fluorophenol  
 Concen: 0.348 ng  
 RT: 5.22 min Scan# 204  
 Delta R.T. 0.00 min  
 Lab File: BE100298.D  
 Acq: 2 Jul 2019 12:35

Tgt Ion:112 Resp: 690  
 Ion Ratio Lower Upper  
 112 100  
 64 52.8 39.4 59.0  
 63 122.0 104.5 156.7



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: 0.270 ng

RT: 6.85 min Scan# 346

Delta R.T. 0.01 min

Lab File: BE100298.D

Acq: 2 Jul 2019 12:35

Instrument :

BNA\_E

ClientSampleId :

PB120959BL

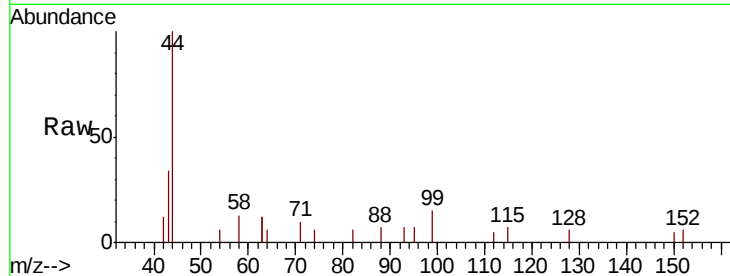
Tgt Ion: 99 Resp: 706

Ion Ratio Lower Upper

99 100

42 14.2 11.2 16.8

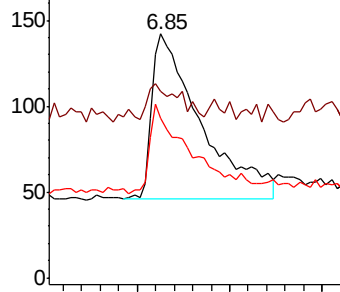
71 46.0 37.2 55.8



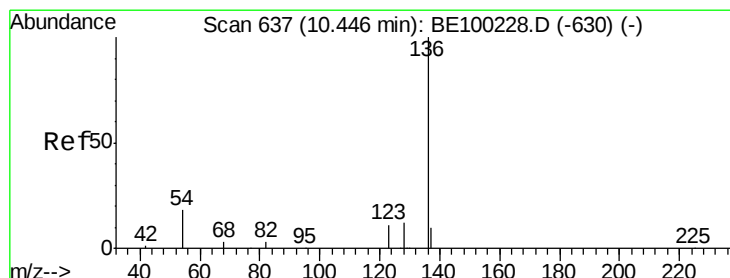
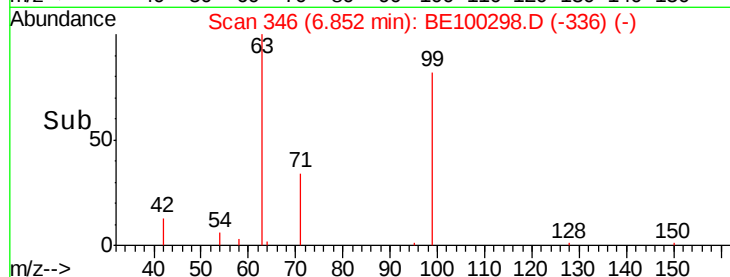
Abundance Ion 99.00 (98.70 to 99.70): BE1

Ion 42.00 (41.70 to 42.70): BE1

Ion 71.00 (70.70 to 71.70): BE1



Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.45 min Scan# 637

Delta R.T. -0.00 min

Lab File: BE100298.D

Acq: 2 Jul 2019 12:35

Tgt Ion: 136 Resp: 2341

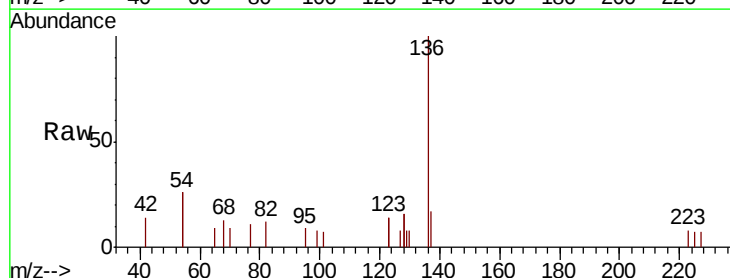
Ion Ratio Lower Upper

136 100

137 16.9 11.8 17.8

54 52.3 27.7 41.5#

68 12.8 6.8 10.2#

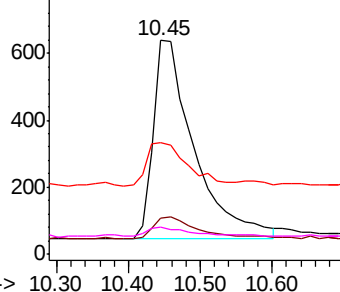


Abundance Ion 136.00 (135.70 to 136.70): E

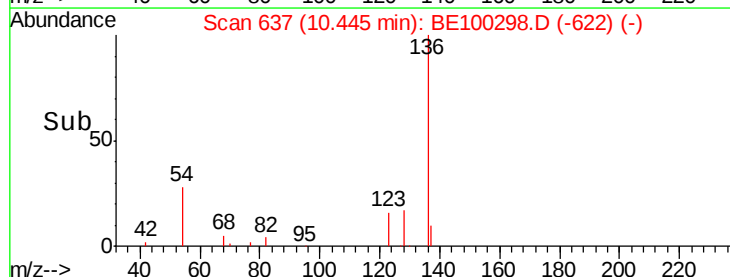
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE1

Ion 68.00 (67.70 to 68.70): BE1



Time-->





#8

Nitrobenzene-d5

Concen: 0.234 ng

RT: 8.85 min Scan# 514

Delta R.T. 0.03 min

Lab File: BE100298.D

Acq: 2 Jul 2019 12:35

Instrument :

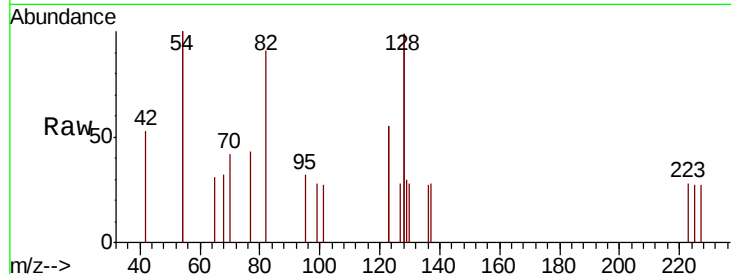
BNA\_E

ClientSampleId :

PB120959BL

Tgt Ion: 82 Resp: 544

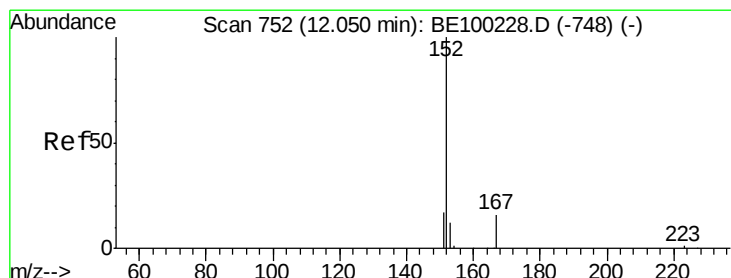
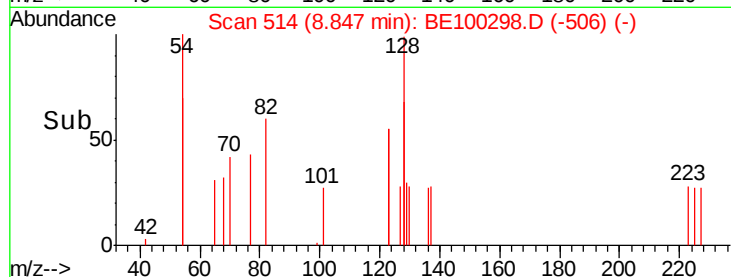
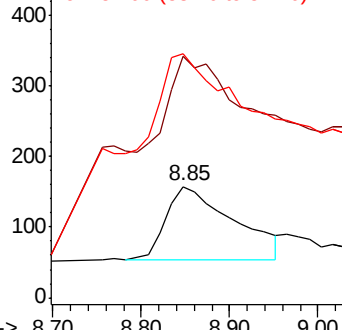
| Ion | Ratio | Lower | Upper  |
|-----|-------|-------|--------|
| 82  | 100   |       |        |
| 128 | 216.5 | 140.9 | 211.3# |
| 54  | 219.0 | 146.2 | 219.2  |



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: 0.296 ng

RT: 12.06 min Scan# 753

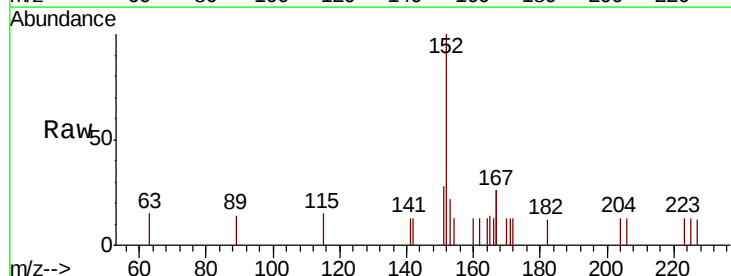
Delta R.T. 0.01 min

Lab File: BE100298.D

Acq: 2 Jul 2019 12:35

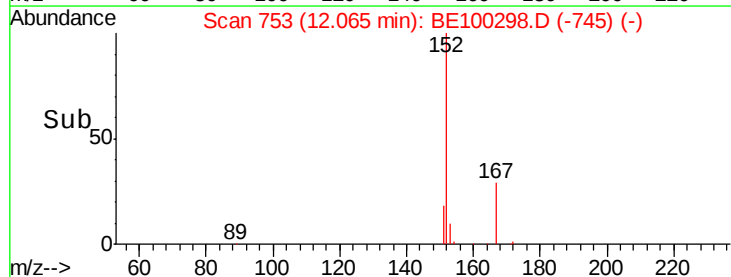
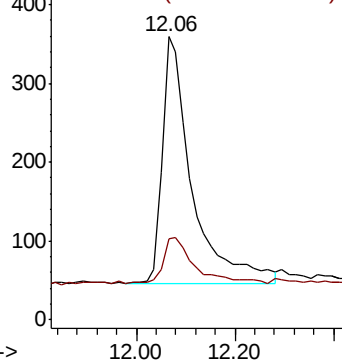
Tgt Ion: 152 Resp: 1305

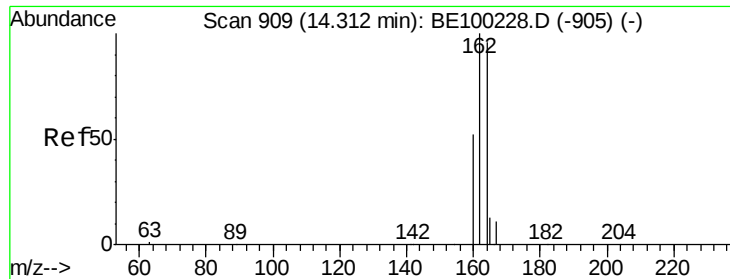
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 151 | 19.4  | 15.1  | 22.7  |



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

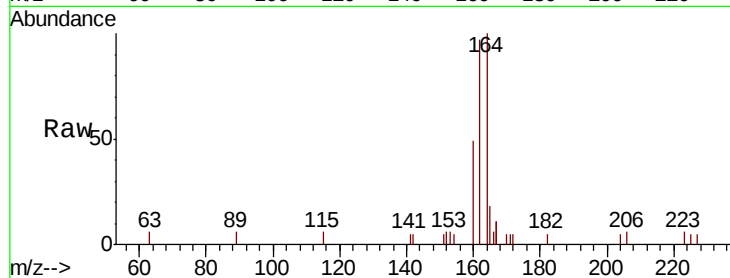




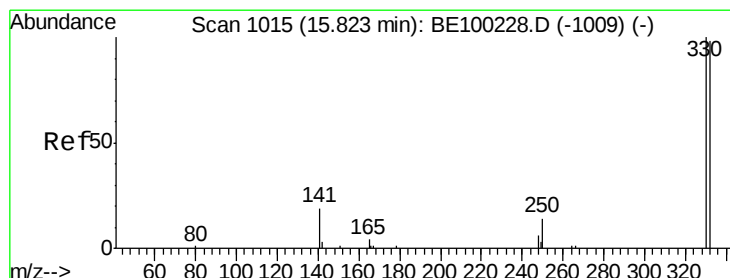
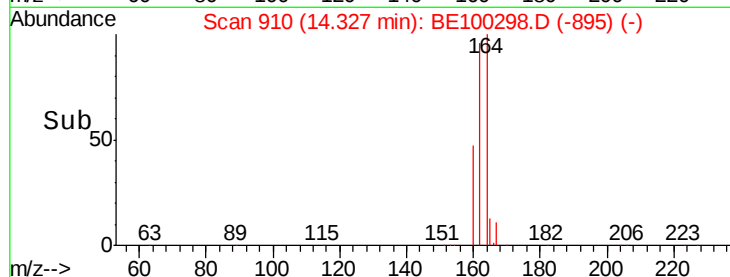
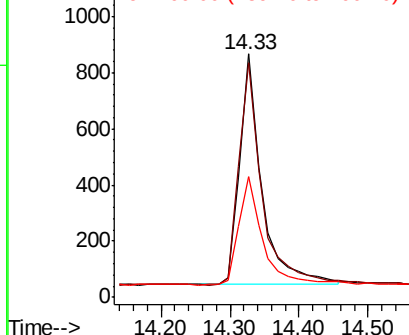
#13  
 Acenaphthene-d10  
 Concen: 0.400 ng  
 RT: 14.33 min Scan# 910  
 Delta R.T. 0.01 min  
 Lab File: BE100298.D  
 Acq: 2 Jul 2019 12:35

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 BNA\_E  
 ClientSampleId :  
 PB120959BL

Tgt Ion:164 Resp: 1836  
 Ion Ratio Lower Upper  
 164 100  
 162 96.7 83.4 125.0  
 160 49.5 45.0 67.6

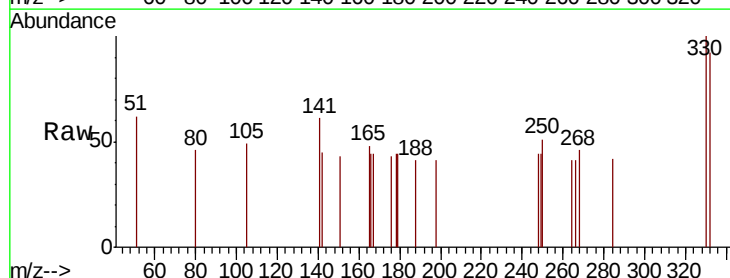


Abundance Ion 164.00 (163.70 to 164.70): E  
 Ion 162.00 (161.70 to 162.70): E  
 Ion 160.00 (159.70 to 160.70): E

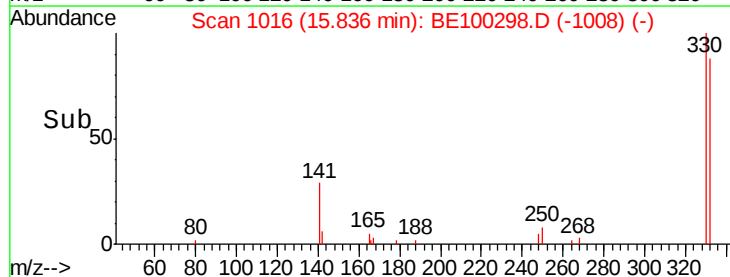
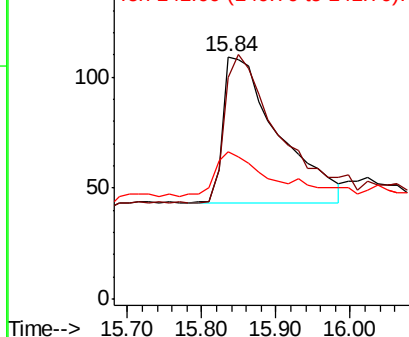


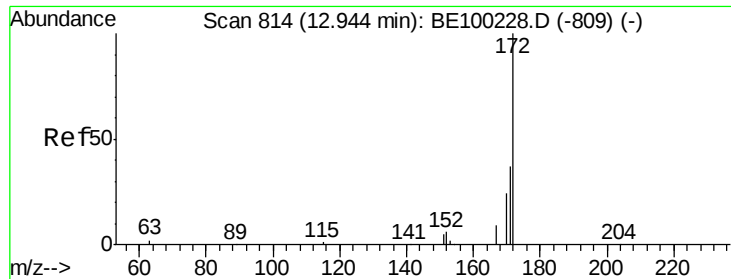
#14  
 2,4,6-Tribromophenol  
 Concen: 0.268 ng  
 RT: 15.84 min Scan# 1016  
 Delta R.T. 0.01 min  
 Lab File: BE100298.D  
 Acq: 2 Jul 2019 12:35

Tgt Ion:330 Resp: 344  
 Ion Ratio Lower Upper  
 330 100  
 332 114.5 77.0 115.4  
 141 32.0 22.0 33.0



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

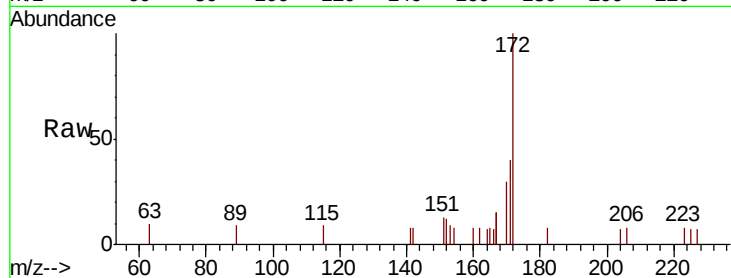




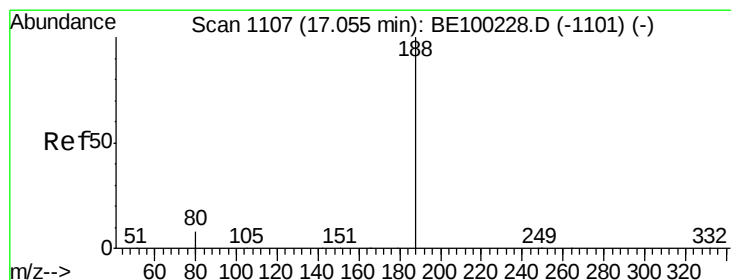
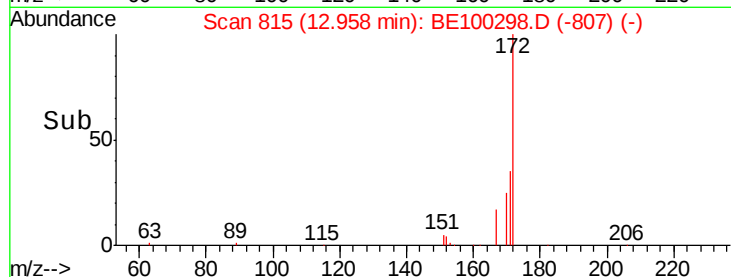
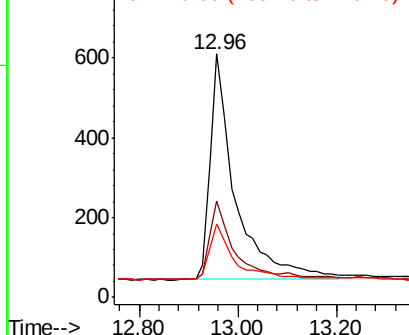
#15  
2-Fluorobiphenyl  
Concen: 0.279 ng  
RT: 12.96 min Scan# 815  
Delta R.T. 0.01 min  
Lab File: BE100298.D  
Acq: 2 Jul 2019 12:35

Instrument :  
BNA\_E  
ClientSampleId :  
PB120959BL

Tgt Ion:172 Resp: 1998  
Ion Ratio Lower Upper  
172 100  
171 39.8 31.9 47.9  
170 30.3 22.2 33.2

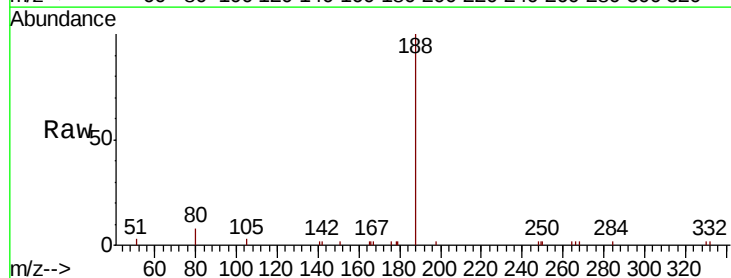


Abundance Ion 172.00 (171.70 to 172.70): E  
Ion 171.00 (170.70 to 171.70): E  
Ion 170.00 (169.70 to 170.70): E

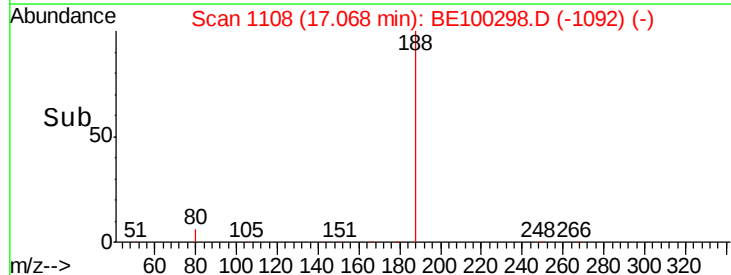
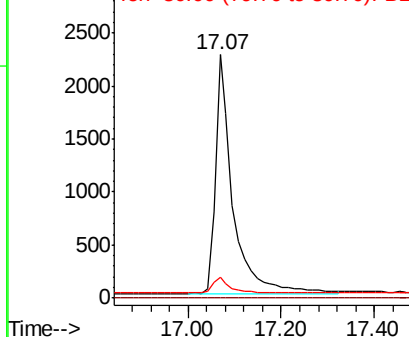


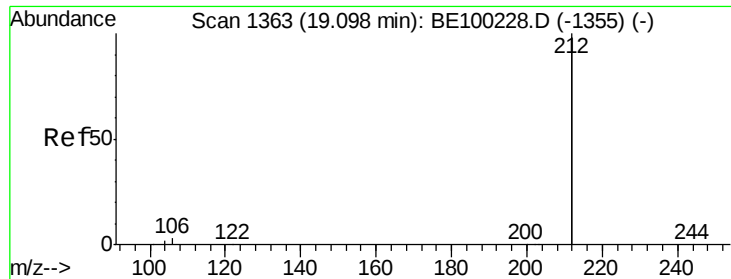
#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.07 min Scan# 1108  
Delta R.T. 0.01 min  
Lab File: BE100298.D  
Acq: 2 Jul 2019 12:35

Tgt Ion:188 Resp: 5916  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 8.5 7.6 11.4



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

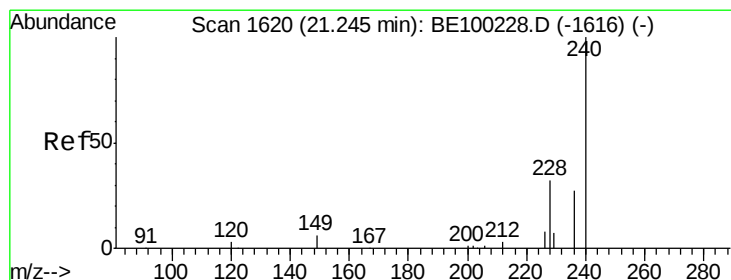
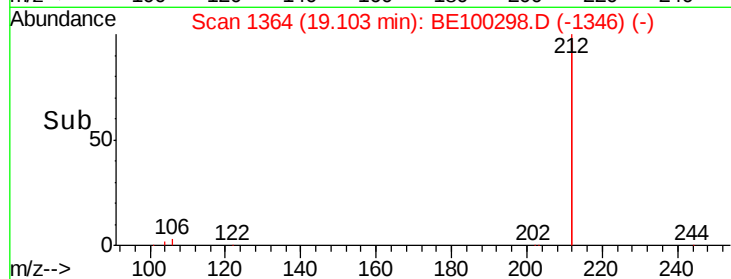
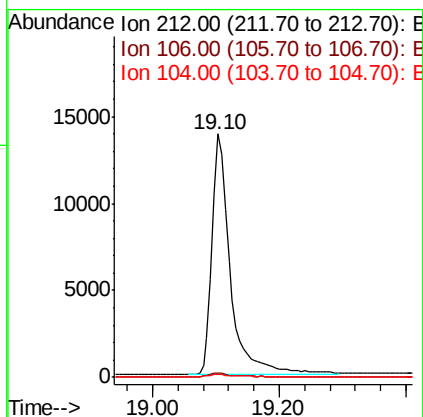
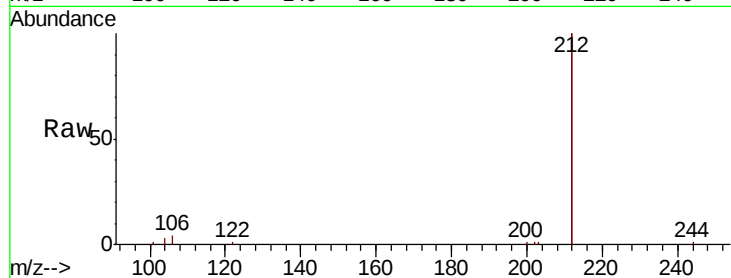




#25  
Fluoranthene-d10  
Concen: 0.320 ng  
RT: 19.10 min Scan# 1364  
Delta R.T. 0.01 min  
Lab File: BE100298.D  
Acq: 2 Jul 2019 12:35

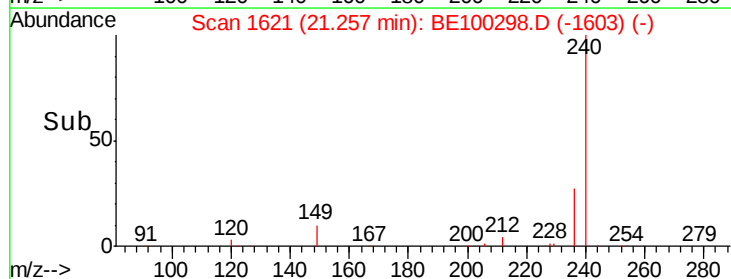
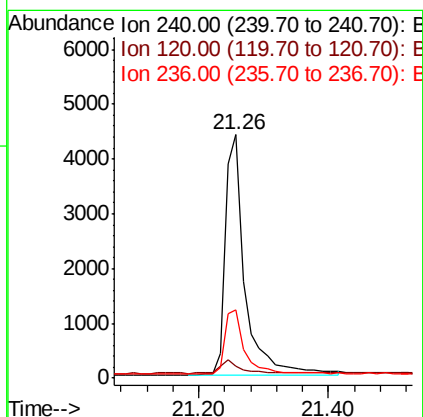
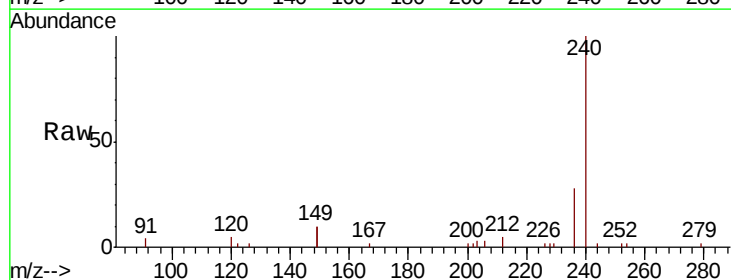
Instrument :  
BNA\_E  
ClientSampleId :  
PB120959BL

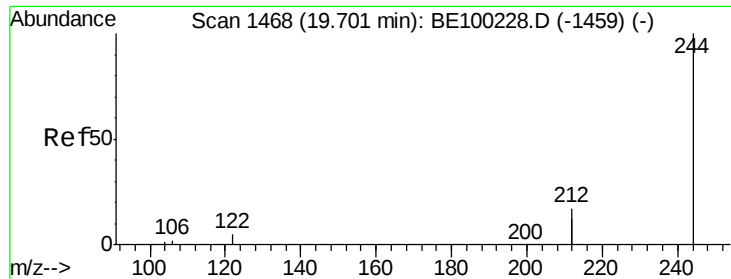
Tgt Ion:212 Resp: 27482  
Ion Ratio Lower Upper  
212 100  
106 1.6 1.3 1.9  
104 0.9 0.8 1.2



#27  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.26 min Scan# 1621  
Delta R.T. 0.01 min  
Lab File: BE100298.D  
Acq: 2 Jul 2019 12:35

Tgt Ion:240 Resp: 9289  
Ion Ratio Lower Upper  
240 100  
120 4.9 3.3 4.9#  
236 28.1 22.6 34.0

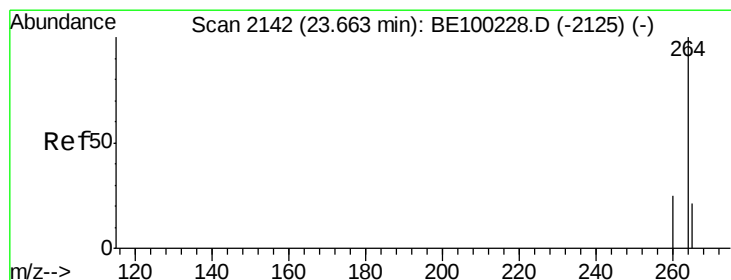
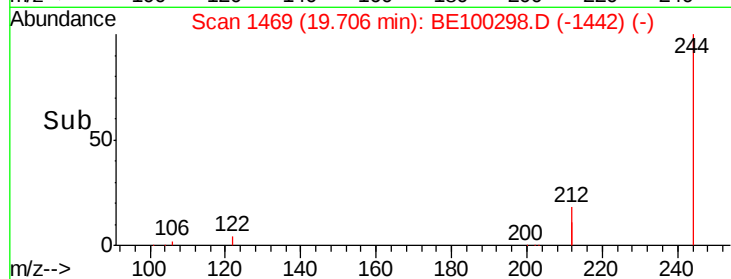
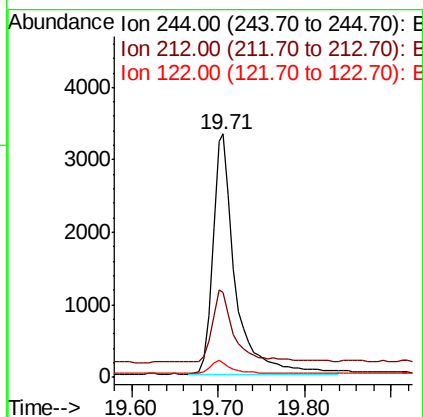
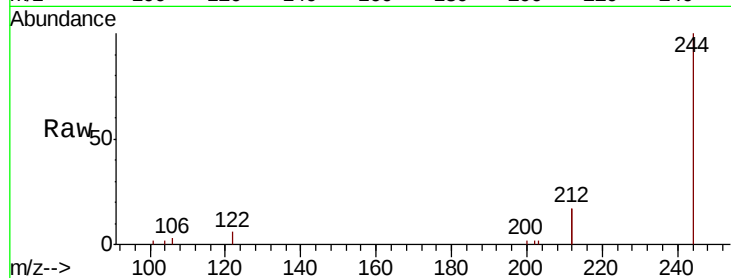




#29  
 Terphenyl-d14  
 Concen: 0.311 ng  
 RT: 19.71 min Scan# 1469  
 Delta R.T. 0.01 min  
 Lab File: BE100298.D  
 Acq: 2 Jul 2019 12:35

Instrument :  
 BNA\_E  
 ClientSampleId :  
 PB120959BL

Tgt Ion: 244 Resp: 5993  
 Ion Ratio Lower Upper  
 244 100  
 212 34.8 27.3 40.9  
 122 5.9 4.7 7.1



#34  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 23.68 min Scan# 2147  
 Delta R.T. 0.02 min  
 Lab File: BE100298.D  
 Acq: 2 Jul 2019 12:35

Tgt Ion: 264 Resp: 11887  
 Ion Ratio Lower Upper  
 264 100  
 260 25.9 20.8 31.2  
 265 29.4 21.8 32.6

