

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE061419\  
 Data File : BE100034.D  
 Acq On : 14 Jun 2019 21:47  
 Operator : JU/SJ  
 Sample : K3284-18  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 BP-TT-MW202I-20190610

Quant Time: Jun 15 02:04:27 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

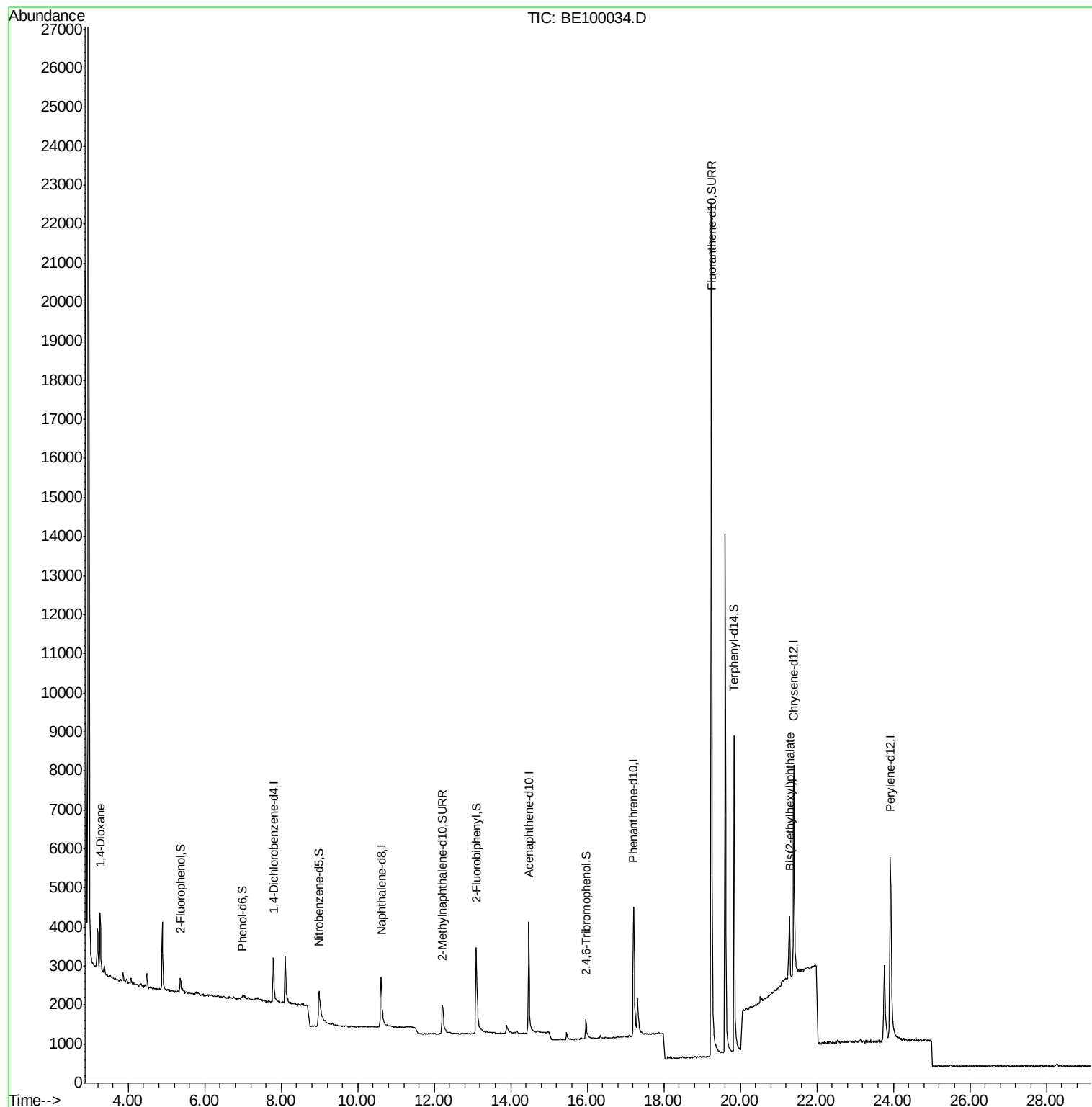
| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4      | 7.79  | 152  | 813      | 0.40  | ng    | 0.00     |
| 7) Naphthalene-d8              | 10.61 | 136  | 3003     | 0.40  | ng    | 0.01     |
| 13) Acenaphthene-d10           | 14.47 | 164  | 2383     | 0.40  | ng    | 0.00     |
| 19) Phenanthrene-d10           | 17.21 | 188  | 6376     | 0.40  | ng    | 0.00     |
| 27) Chrysene-d12               | 21.40 | 240  | 8560     | 0.40  | ng    | 0.00     |
| 34) Perylene-d12               | 23.93 | 264  | 9332     | 0.40  | ng    | 0.00     |
| System Monitoring Compounds    |       |      |          |       |       |          |
| 4) 2-Fluorophenol              | 5.36  | 112  | 341      | 0.16  | ng    | 0.00     |
| 5) Phenol-d6                   | 6.99  | 99   | 243      | 0.09  | ng    | 0.02     |
| 8) Nitrobenzene-d5             | 8.99  | 82   | 1107     | 0.39  | ng    | 0.03     |
| 11) 2-Methylnaphthalene-d10    | 12.21 | 152  | 1909     | 0.36  | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol       | 15.97 | 330  | 535      | 0.30  | ng    | 0.00     |
| 15) 2-Fluorobiphenyl           | 13.10 | 172  | 4047     | 0.45  | ng    | 0.00     |
| 25) Fluoranthene-d10           | 19.25 | 212  | 35441    | 0.38  | ng    | 0.00     |
| 29) Terphenyl-d14              | 19.84 | 244  | 9511     | 0.62  | ng    | -0.01    |
| Target Compounds               |       |      |          |       |       |          |
| 2) 1,4-Dioxane                 | 3.27  | 88   | 1353     | 1.124 | ng    | # 94     |
| 32) Bis(2-ethylhexyl)phthalate | 21.29 | 149  | 3378     | 0.092 | ng    | 100      |

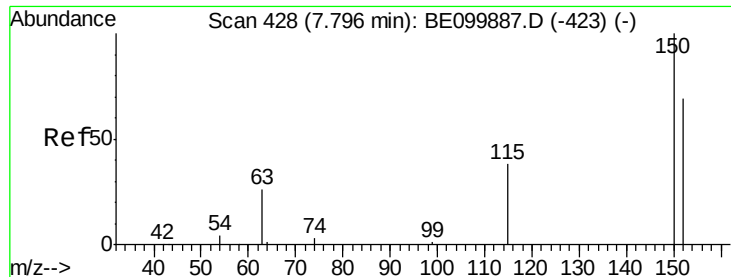
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 15 02:04:27 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



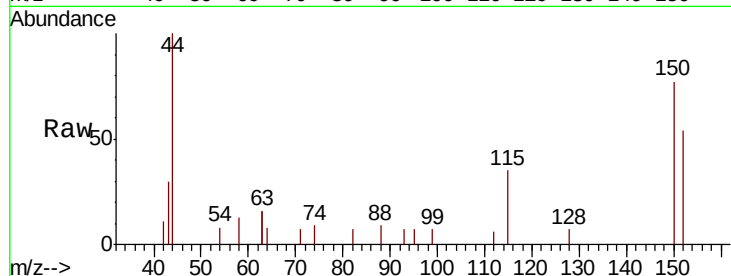


#1

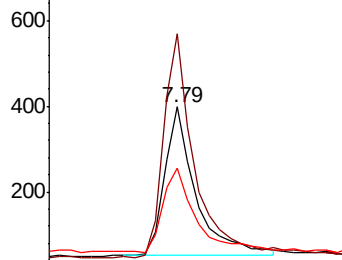
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.79 min Scan# 428  
Delta R.T. -0.00 min  
Lab File: BE100034.D  
Acq: 14 Jun 2019 21:47

Instrument :  
BNA\_E  
ClientSampleId :  
BP-TT-MW202I-20190610

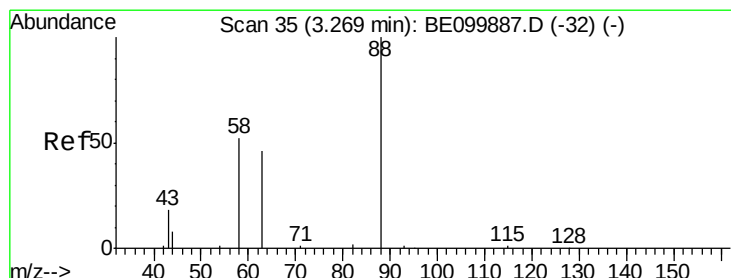
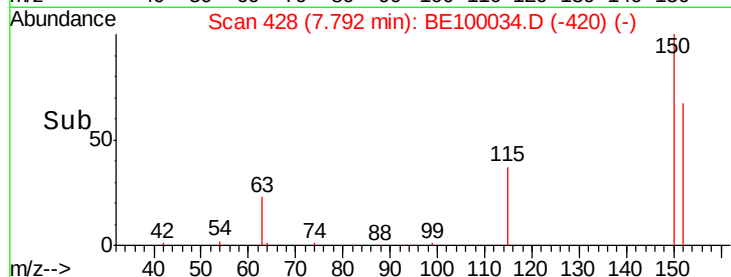
Tot Ion:152 Resp: 813  
Ion Ratio Lower Upper  
152 100  
150 143.0 111.0 166.6  
115 64.3 50.7 76.1



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



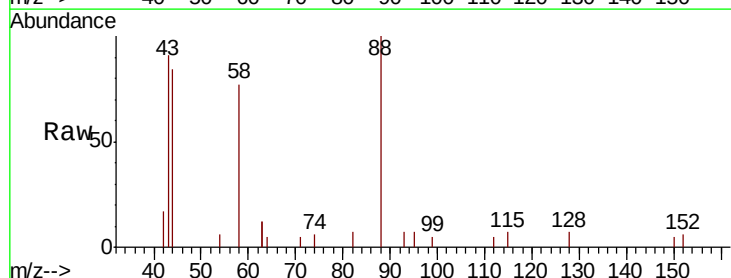
Time-->



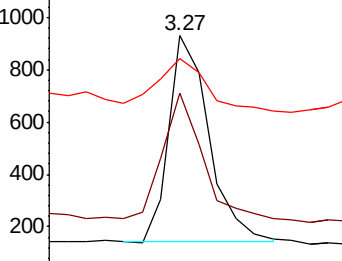
#2

1,4-Dioxane  
Concen: 1.124 ng  
RT: 3.27 min Scan# 35  
Delta R.T. -0.00 min  
Lab File: BE100034.D  
Acq: 14 Jun 2019 21:47

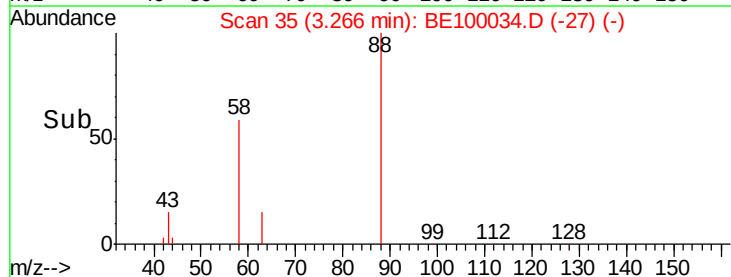
Tgt Ion: 88 Resp: 1353  
Ion Ratio Lower Upper  
88 100  
58 58.6 48.8 73.2  
43 30.9 19.0 28.6#

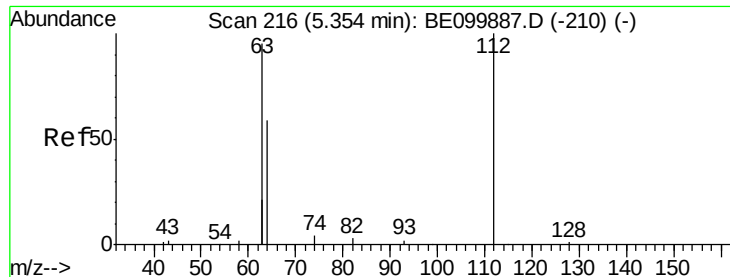


Abundance Ion 88.00 (87.70 to 88.70): BE1  
Ion 58.00 (57.70 to 58.70): BE1  
Ion 43.00 (42.70 to 43.70): BE1



Time-->





#4

2-Fluorophenol

Concen: 0.155 ng

RT: 5.36 min Scan# 217

Delta R.T. 0.01 min

Lab File: BE100034.D

Acq: 14 Jun 2019 21:47

Instrument :

BNA\_E

ClientSampleId :

BP-TT-MW202I-20190610

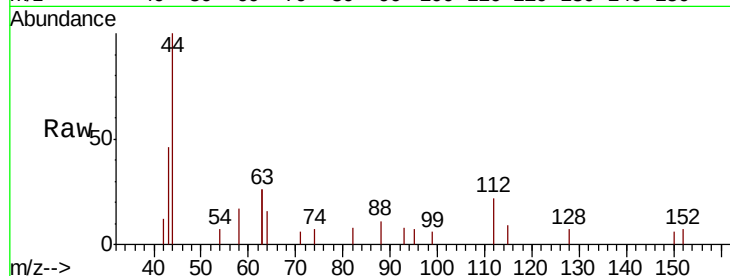
Tot Ion:112 Resp: 341

Ion Ratio Lower Upper

112 100

64 58.1 44.1 66.1

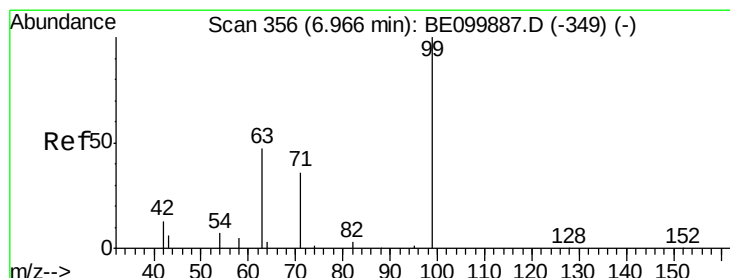
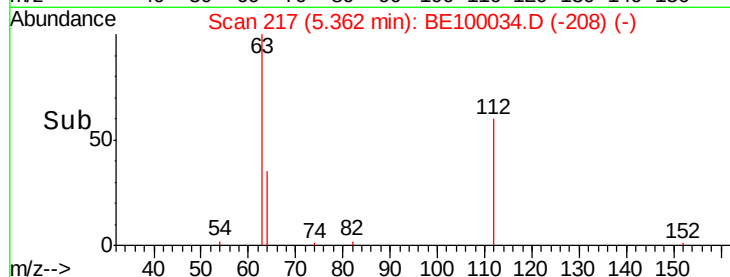
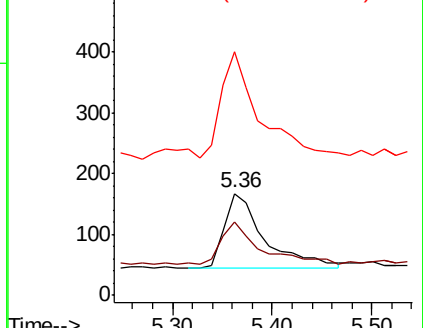
63 136.7 87.8 131.6#



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: 0.086 ng

RT: 6.99 min Scan# 358

Delta R.T. 0.02 min

Lab File: BE100034.D

Acq: 14 Jun 2019 21:47

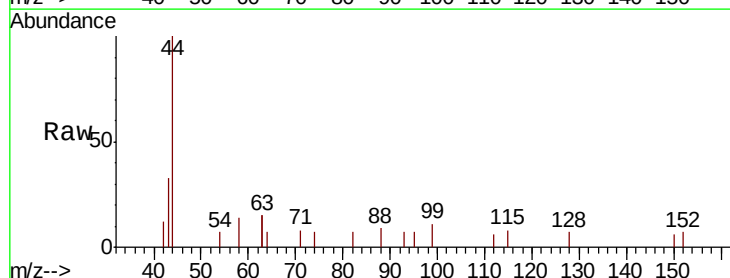
Tgt Ion: 99 Resp: 243

Ion Ratio Lower Upper

99 100

42 18.1 15.9 23.9

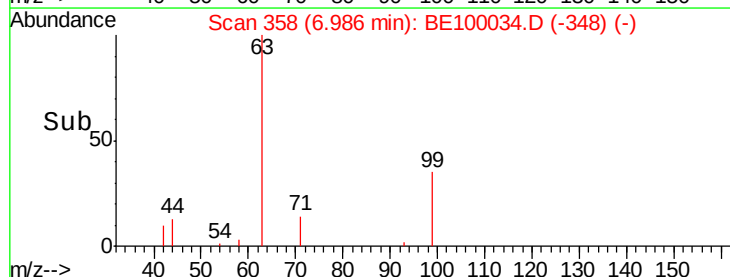
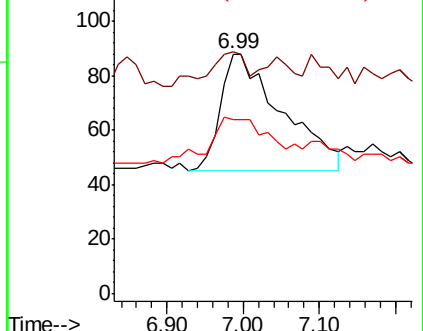
71 35.4 34.6 52.0

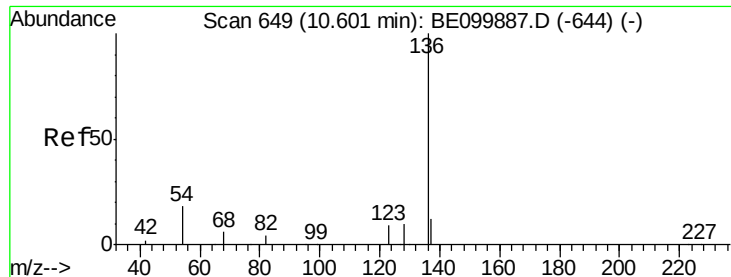


Abundance Ion 99.00 (98.70 to 99.70): BE1

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: 10.61 min Scan# 650

Delta R.T. 0.01 min

Lab File: BE100034.D

Acq: 14 Jun 2019 21:47

Instrument :

BNA\_E

ClientSampleId :

BP-TT-MW202I-20190610

Tot Ion:136 Resp: 3003

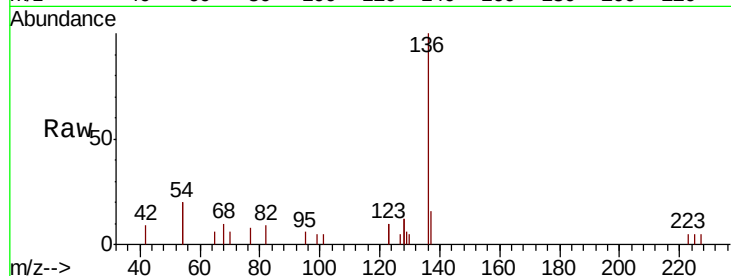
Ion Ratio Lower Upper

136 100

137 15.6 12.3 18.5

54 39.1 28.2 42.4

68 10.0 7.8 11.8

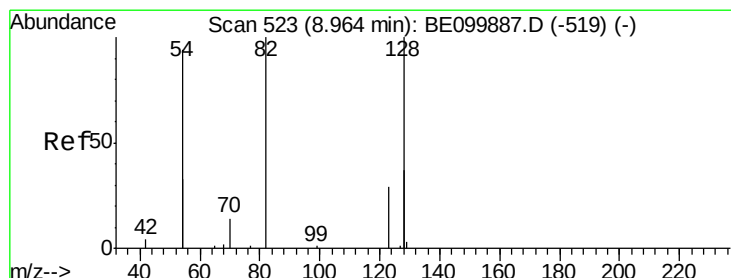
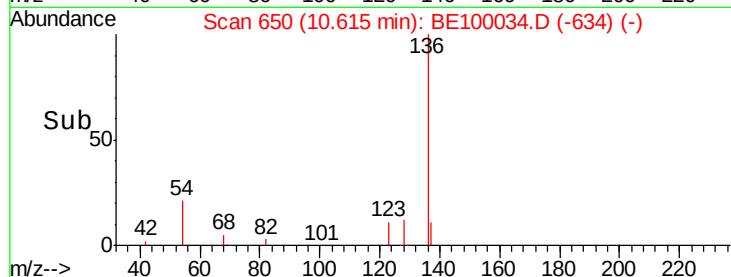
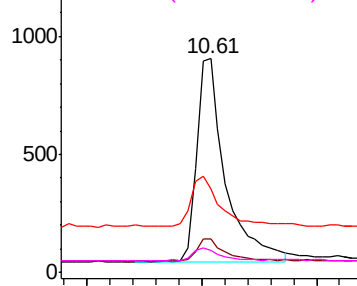


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.389 ng

RT: 8.99 min Scan# 525

Delta R.T. 0.03 min

Lab File: BE100034.D

Acq: 14 Jun 2019 21:47

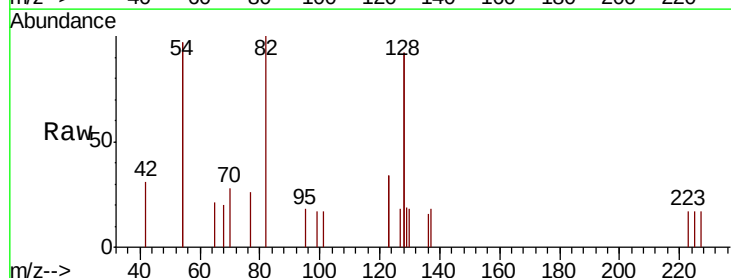
Tgt Ion: 82 Resp: 1107

Ion Ratio Lower Upper

82 100

128 183.2 137.3 205.9

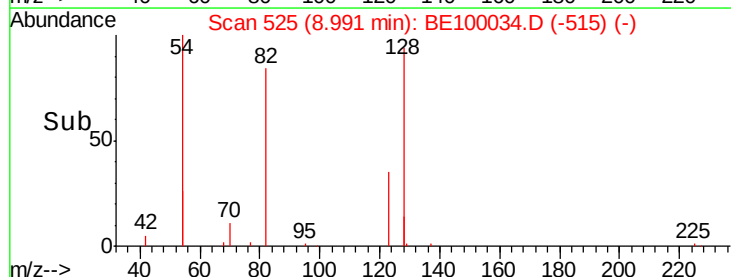
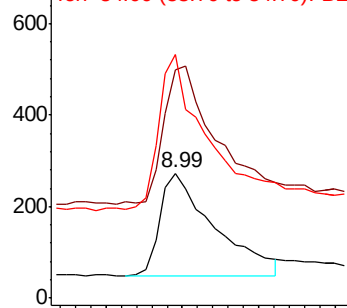
54 194.9 129.7 194.5#

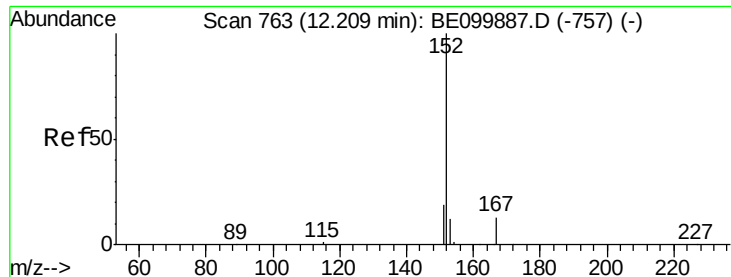


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1

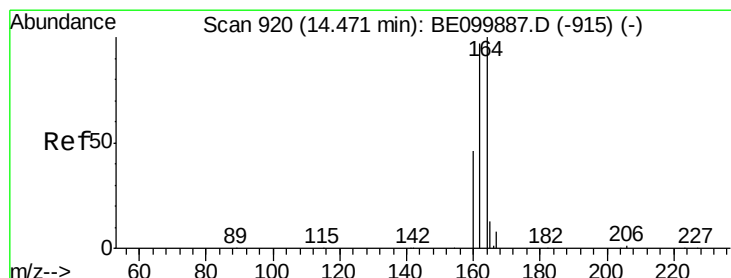
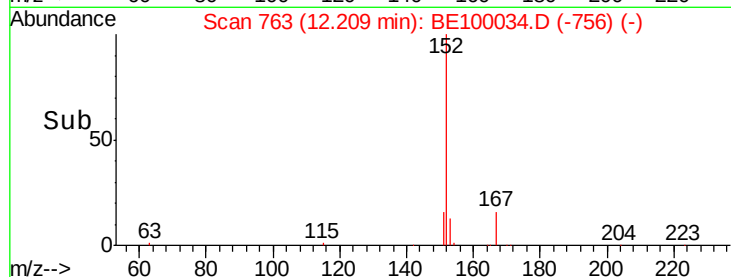
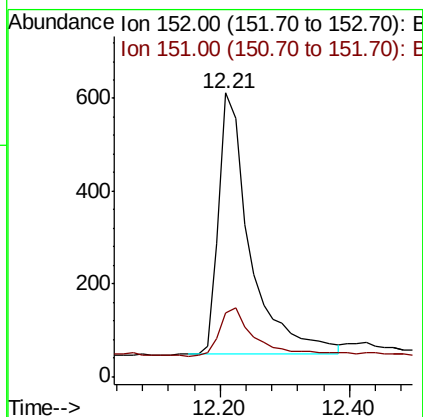
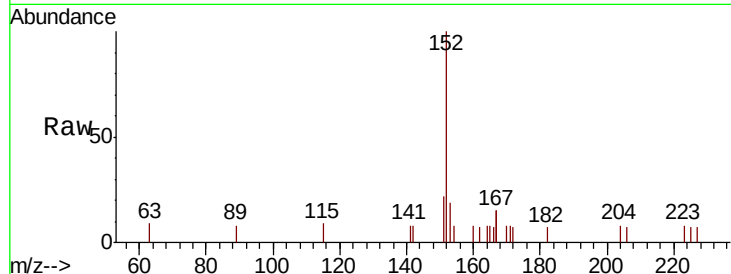




#11  
2-Methylnaphthalene-d10  
Concen: 0.365 ng  
RT: 12.21 min Scan# 763  
Delta R.T. 0.00 min  
Lab File: BE100034.D  
Acq: 14 Jun 2019 21:47

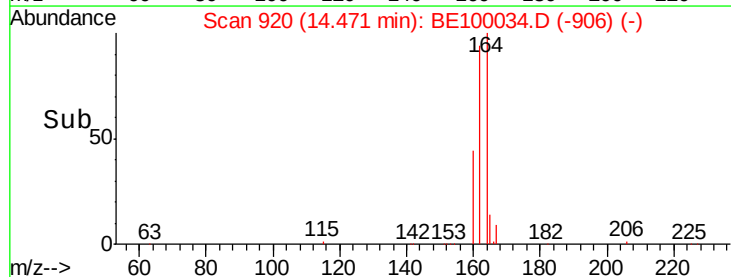
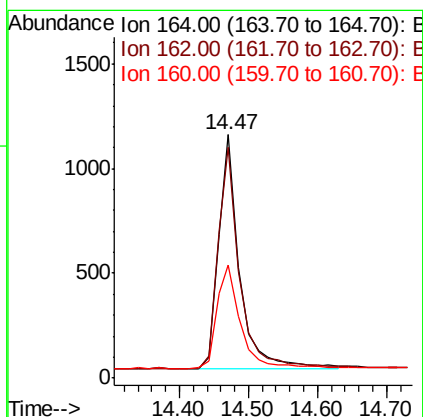
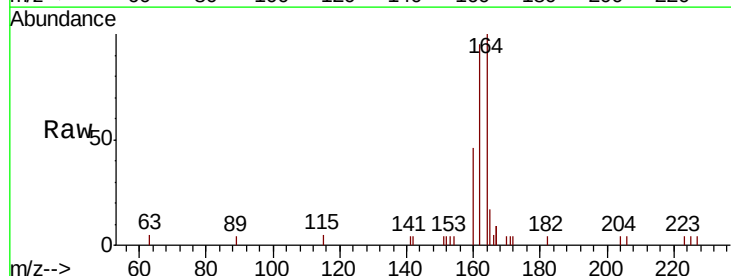
Instrument :  
BNA\_E  
ClientSampleId :  
BP-TT-MW202I-20190610

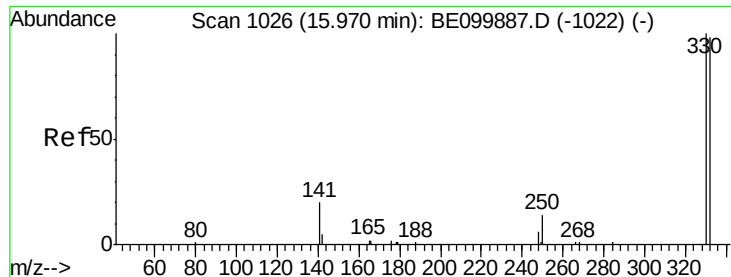
Tot Ion:152 Resp: 1909  
Ion Ratio Lower Upper  
152 100  
151 20.4 15.2 22.8



#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.47 min Scan# 920  
Delta R.T. 0.00 min  
Lab File: BE100034.D  
Acq: 14 Jun 2019 21:47

Tgt Ion:164 Resp: 2383  
Ion Ratio Lower Upper  
164 100  
162 94.6 77.8 116.8  
160 46.4 38.2 57.4

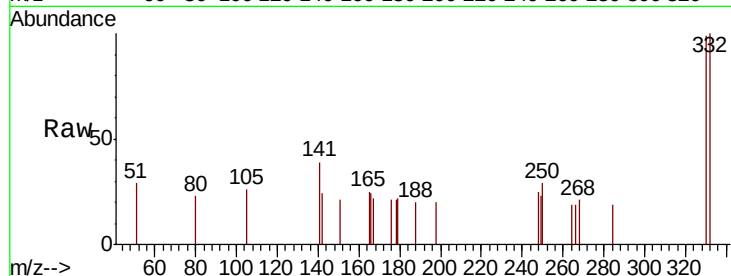




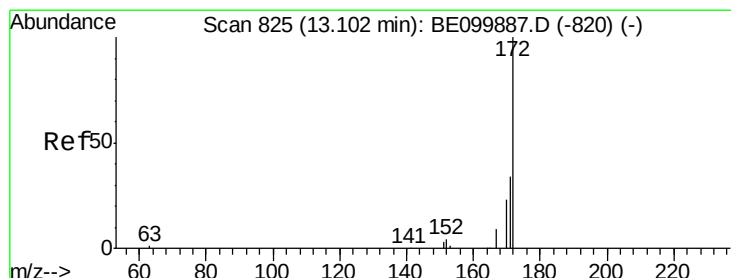
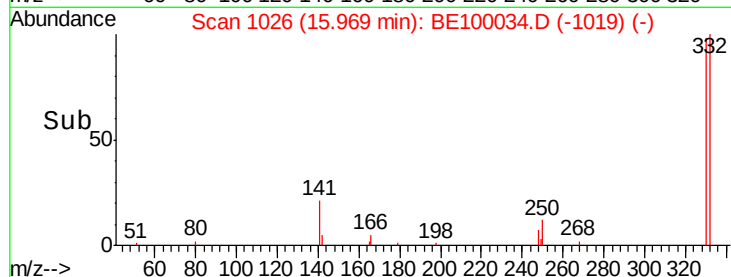
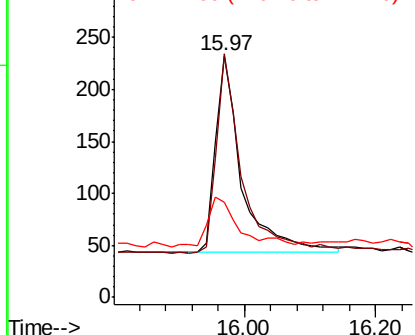
#14  
2,4,6-Tribromophenol  
Concen: 0.304 ng  
RT: 15.97 min Scan# 1026  
Delta R.T. -0.00 min  
Lab File: BE100034.D  
Acq: 14 Jun 2019 21:47

Instrument :  
BNA\_E  
ClientSampleId :  
BP-TT-MW202I-20190610

Tot Ion:330 Resp: 535  
Ion Ratio Lower Upper  
330 100  
332 104.9 76.7 115.1  
141 24.7 21.0 31.6

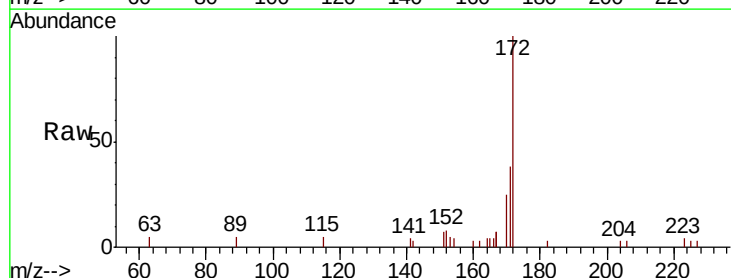


Abundance Ion 330.00 (329.70 to 330.70): E  
Ion 331.80 (331.50 to 332.50): E  
Ion 141.00 (140.70 to 141.70): E

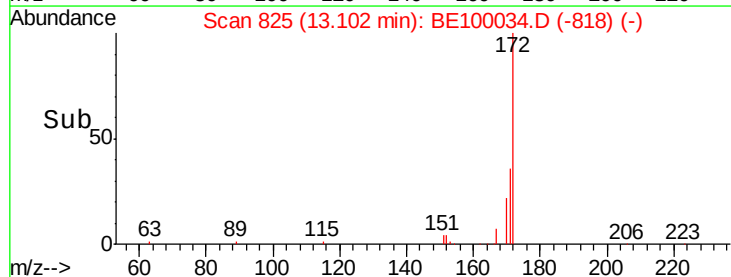
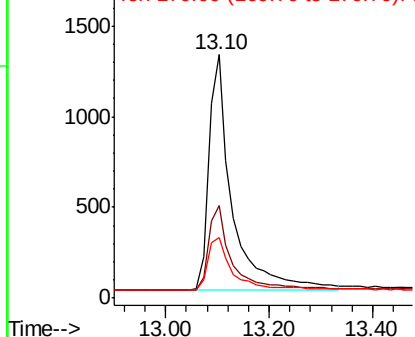


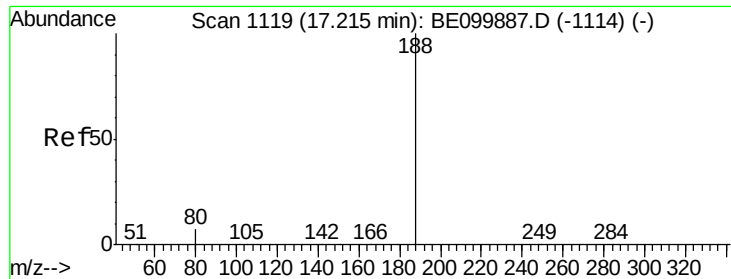
#15  
2-Fluorobiphenyl  
Concen: 0.448 ng  
RT: 13.10 min Scan# 825  
Delta R.T. 0.00 min  
Lab File: BE100034.D  
Acq: 14 Jun 2019 21:47

Tgt Ion:172 Resp: 4047  
Ion Ratio Lower Upper  
172 100  
171 37.9 29.2 43.8  
170 25.0 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: 17.21 min Scan# 1119

Delta R.T. -0.00 min

Lab File: BE100034.D

Acq: 14 Jun 2019 21:47

Instrument :

BNA\_E

ClientSampleId :

BP-TT-MW202I-20190610

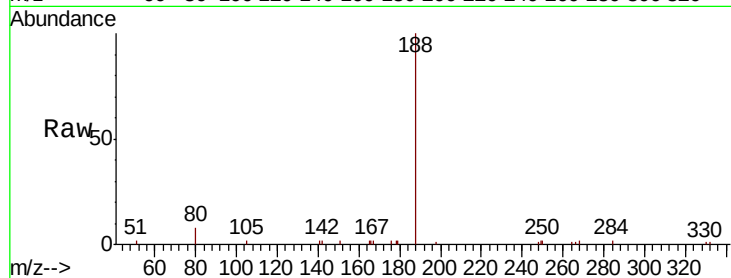
Tot Ion:188 Resp: 6376

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

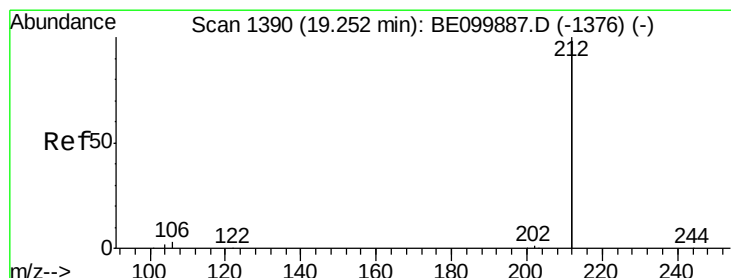
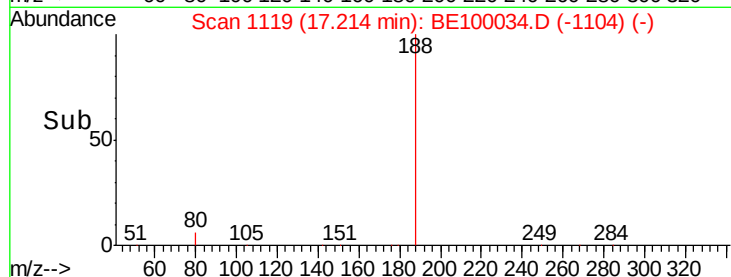
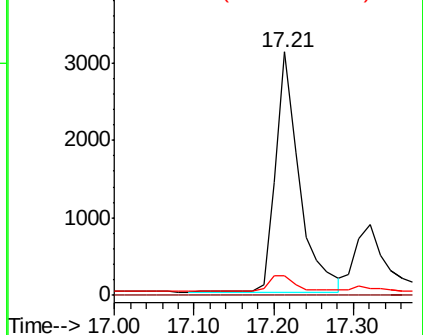
80 8.0 6.4 9.6



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: 0.382 ng

RT: 19.25 min Scan# 1389

Delta R.T. -0.00 min

Lab File: BE100034.D

Acq: 14 Jun 2019 21:47

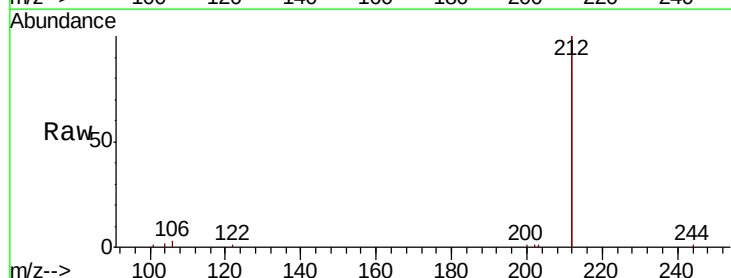
Tgt Ion:212 Resp: 35441

Ion Ratio Lower Upper

212 100

106 1.8 1.4 2.2

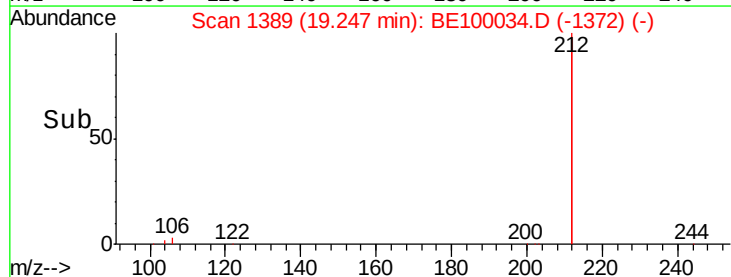
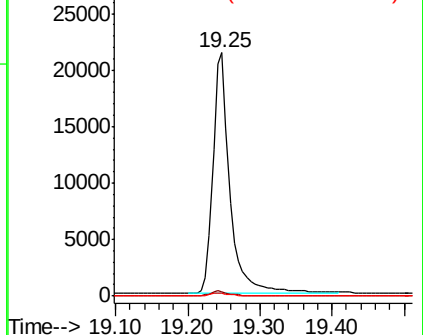
104 1.0 0.9 1.3



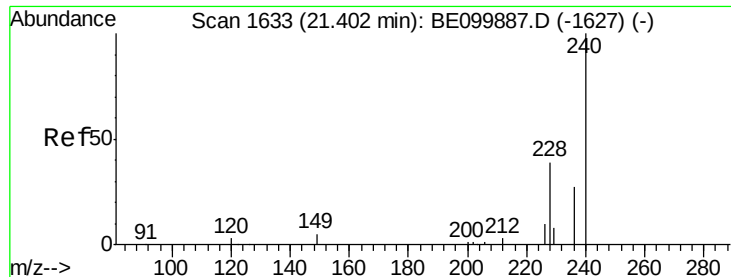
Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



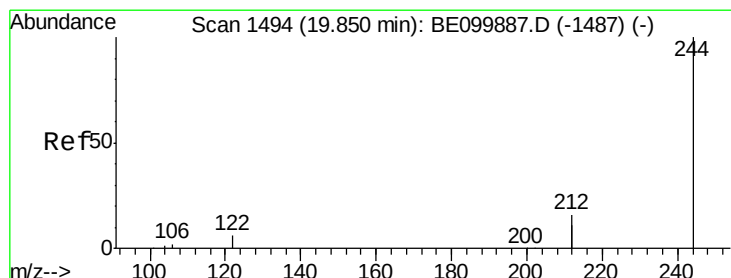
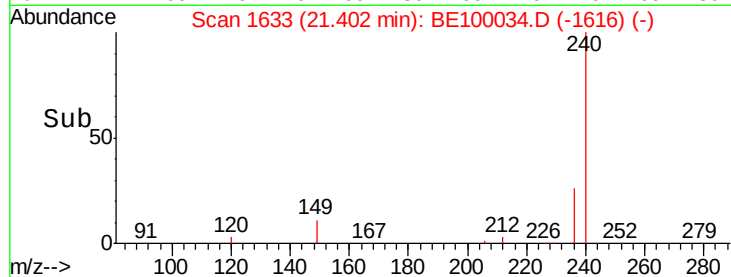
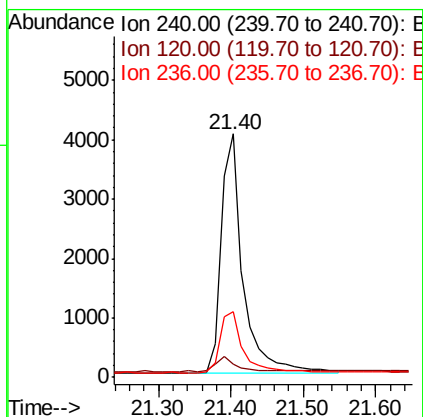
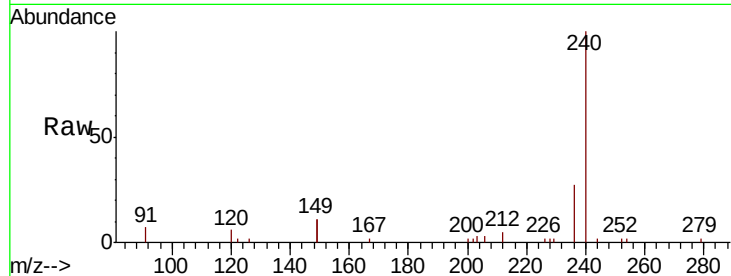




#27  
 Chrysene-d12  
 Concen: 0.400 ng  
 RT: 21.40 min Scan# 1633  
 Delta R.T. 0.00 min  
 Lab File: BE100034.D  
 Acq: 14 Jun 2019 21:47

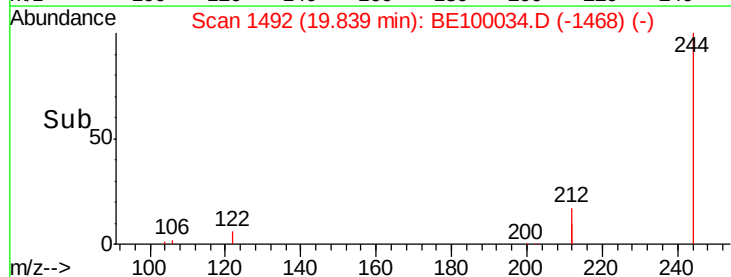
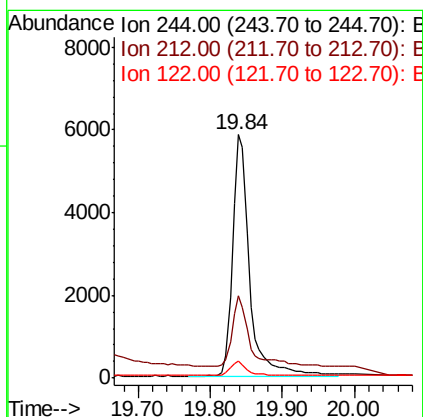
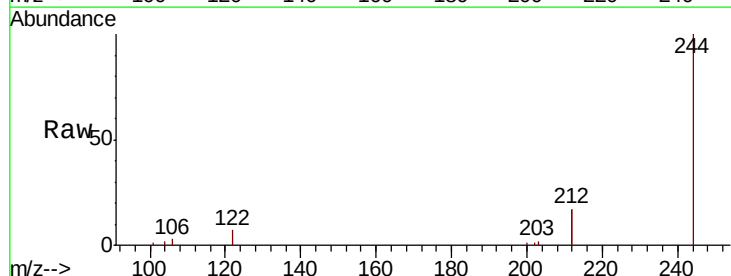
Instrument :  
 BNA\_E  
 ClientSampleId :  
 BP-TT-MW202I-20190610

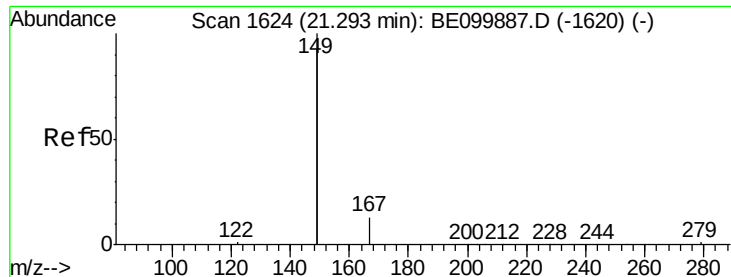
Tot Ion:240 Resp: 8560  
 Ion Ratio Lower Upper  
 240 100  
 120 5.6 3.8 5.6  
 236 27.2 22.0 33.0



#29  
 Terphenyl-d14  
 Concen: 0.617 ng  
 RT: 19.84 min Scan# 1492  
 Delta R.T. -0.01 min  
 Lab File: BE100034.D  
 Acq: 14 Jun 2019 21:47

Tgt Ion:244 Resp: 9511  
 Ion Ratio Lower Upper  
 244 100  
 212 33.6 25.7 38.5  
 122 7.1 5.5 8.3

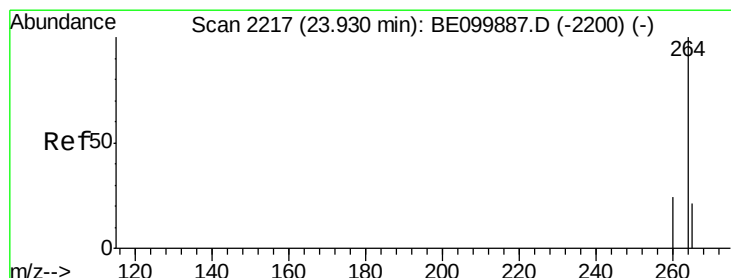
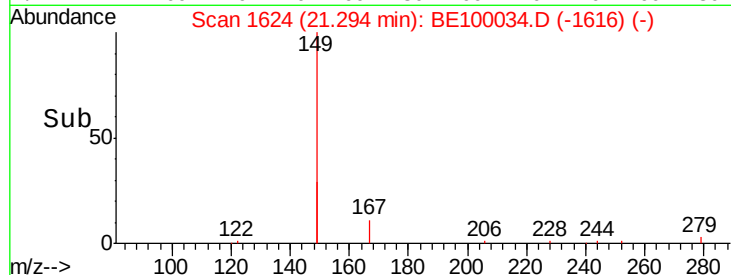
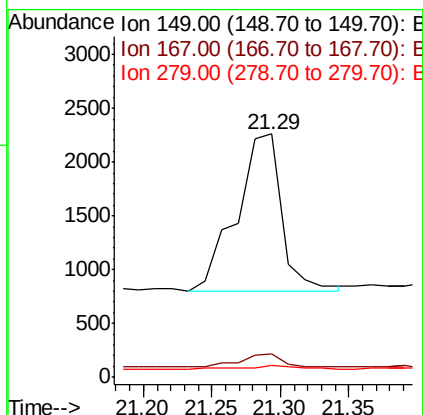
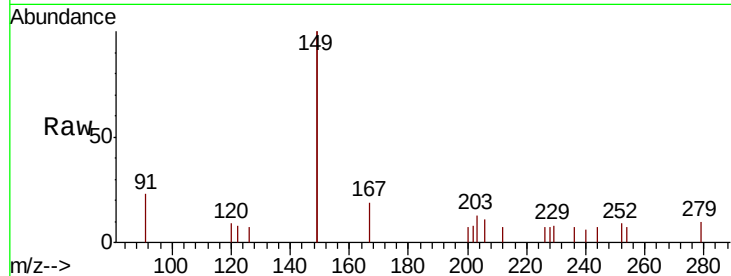




#32  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.092 ng  
 RT: 21.29 min Scan# 1624  
 Delta R.T. 0.00 min  
 Lab File: BE100034.D  
 Acq: 14 Jun 2019 21:47

Instrument :  
 BNA\_E  
 ClientSampleId :  
 BP-TT-MW202I-20190610

Tot Ion:149 Resp: 3378  
 Ion Ratio Lower Upper  
 149 100  
 167 7.3 5.9 8.9  
 279 1.7 1.2 1.8



#34  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 23.93 min Scan# 2216  
 Delta R.T. -0.00 min  
 Lab File: BE100034.D  
 Acq: 14 Jun 2019 21:47

Tgt Ion:264 Resp: 9332  
 Ion Ratio Lower Upper  
 264 100  
 260 26.6 20.2 30.2  
 265 35.3 22.0 33.0#

