

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE032519\  
 Data File : BE099194.D  
 Acq On : 25 Mar 2019 00:01  
 Operator : JU/SJ  
 Sample : K2019-03  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 OUTFALL001-190319

Quant Time: Mar 26 07:35:16 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE032519.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Mar 26 07:02:06 2019  
 Response via : Initial Calibration

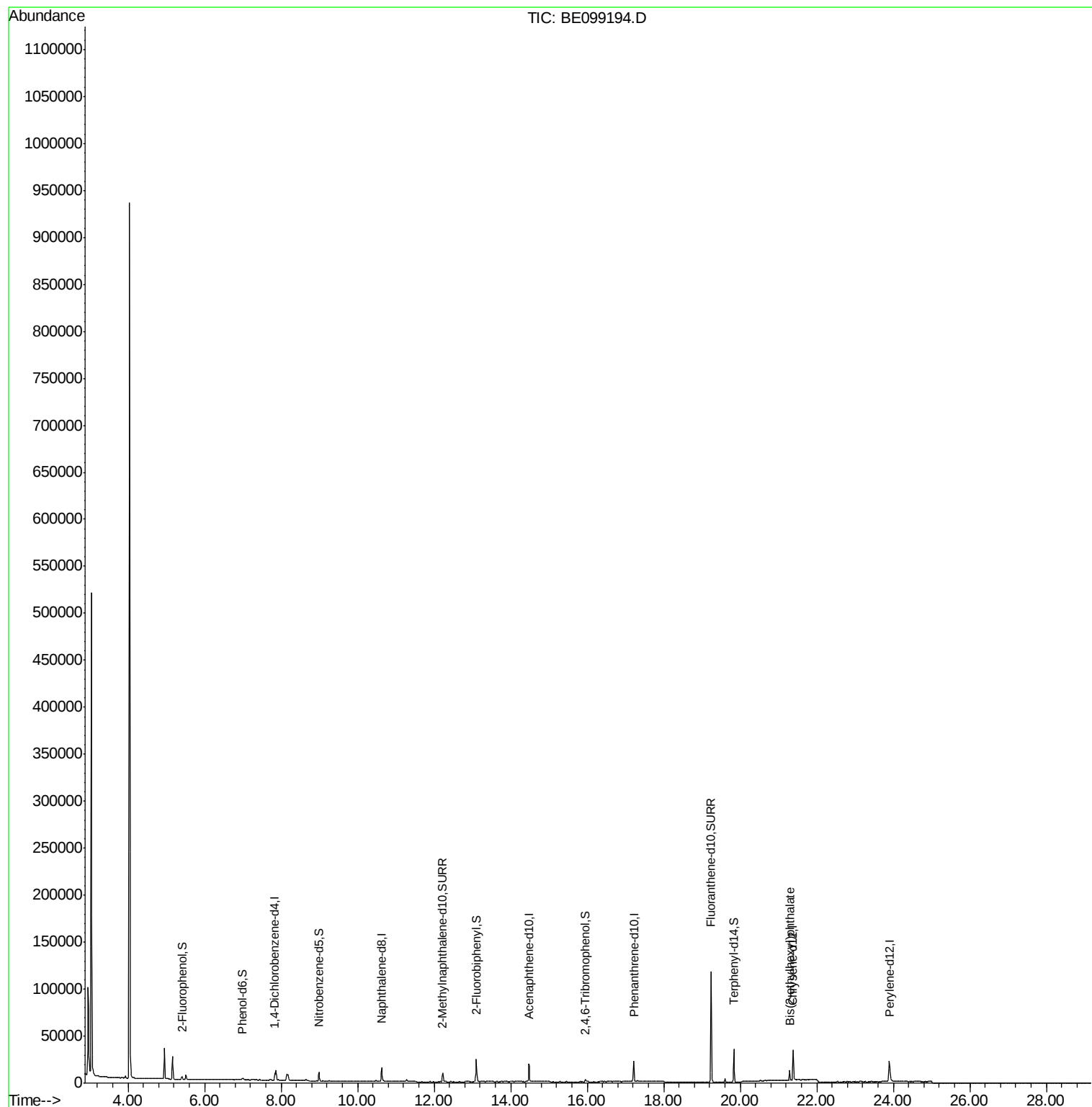
| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min)       |
|--------------------------------|-------|------|----------|-------|-------|----------------|
| 1) 1,4-Dichlorobenzene-d4      | 7.84  | 152  | 3616     | 0.40  | ng    | 0.00           |
| 7) Naphthalene-d8              | 10.63 | 136  | 16832    | 0.40  | ng    | 0.00           |
| 13) Acenaphthene-d10           | 14.47 | 164  | 12984    | 0.40  | ng    | -0.01          |
| 19) Phenanthrene-d10           | 17.22 | 188  | 35950    | 0.40  | ng    | 0.00           |
| 27) Chrysene-d12               | 21.38 | 240  | 39533    | 0.40  | ng    | -0.01          |
| 34) Perylene-d12               | 23.89 | 264  | 37511    | 0.40  | ng    | 0.00           |
| System Monitoring Compounds    |       |      |          |       |       |                |
| 4) 2-Fluorophenol              | 5.41  | 112  | 1706     | 0.16  | ng    | 0.00           |
| 5) Phenol-d6                   | 6.99  | 99   | 1418     | 0.09  | ng    | 0.00           |
| 8) Nitrobenzene-d5             | 8.99  | 82   | 4651     | 0.34  | ng    | 0.00           |
| 11) 2-Methylnaphthalene-d10    | 12.22 | 152  | 11520    | 0.36  | ng    | 0.00           |
| 14) 2,4,6-Tribromophenol       | 15.96 | 330  | 1711     | 0.46  | ng    | 0.00           |
| 15) 2-Fluorobiphenyl           | 13.10 | 172  | 20744    | 0.39  | ng    | 0.00           |
| 25) Fluoranthene-d10           | 19.24 | 212  | 159394   | 0.37  | ng    | 0.00           |
| 29) Terphenyl-d14              | 19.83 | 244  | 30915    | 0.36  | ng    | 0.00           |
| Target Compounds               |       |      |          |       |       |                |
| 32) Bis(2-ethylhexyl)phthalate | 21.29 | 149  | 13950    | 0.090 | ng    | Qvalue<br># 98 |

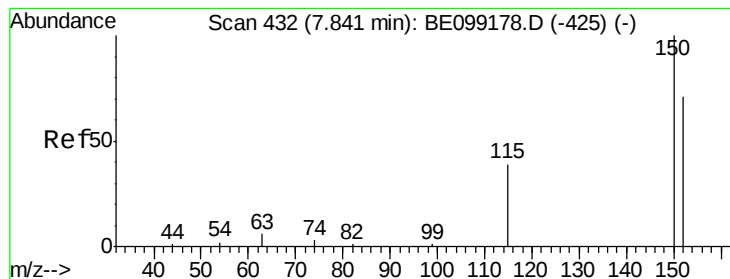
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Mar 26 07:02:06 2019  
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.84 min Scan# 432

Delta R.T. -0.00 min

Lab File: BE099194.D

Acq: 25 Mar 2019 00:01

Instrument :

BNA\_E

ClientSampleId :

OUTFALL001-190319

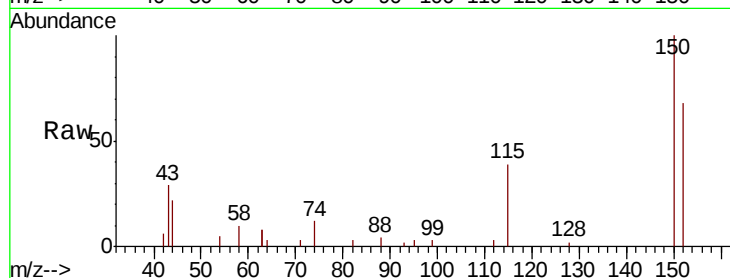
Tot Ion:152 Resp: 3616

Ion Ratio Lower Upper

152 100

150 146.5 112.8 169.2

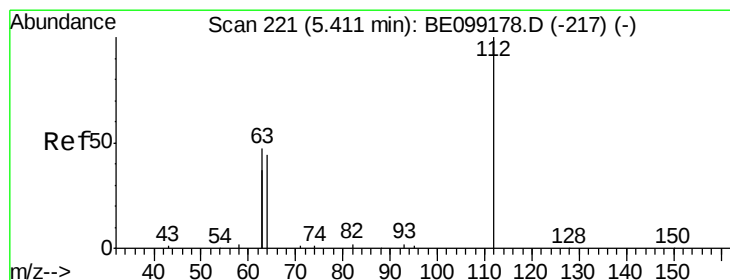
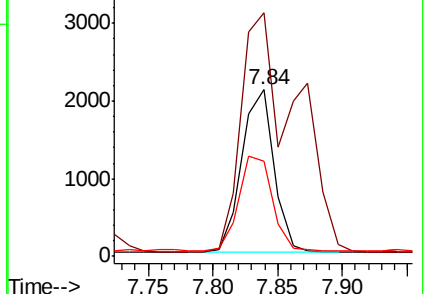
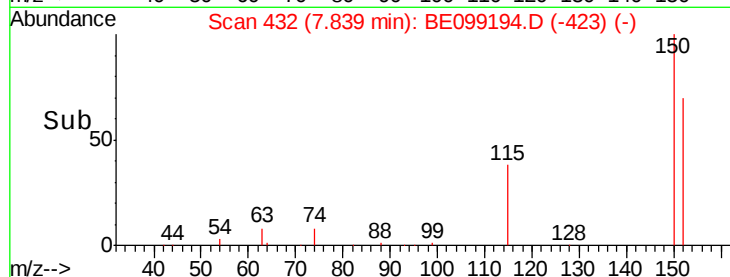
115 57.5 45.1 67.7



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: 0.158 ng

RT: 5.41 min Scan# 221

Delta R.T. -0.00 min

Lab File: BE099194.D

Acq: 25 Mar 2019 00:01

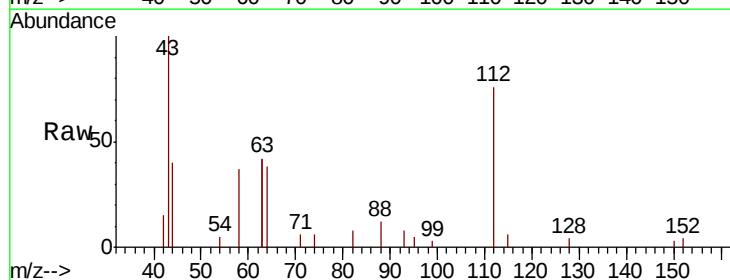
Tgt Ion:112 Resp: 1706

Ion Ratio Lower Upper

112 100

64 54.3 46.2 69.2

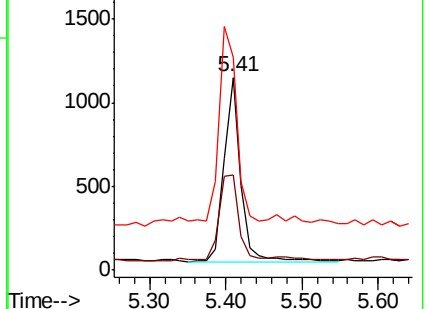
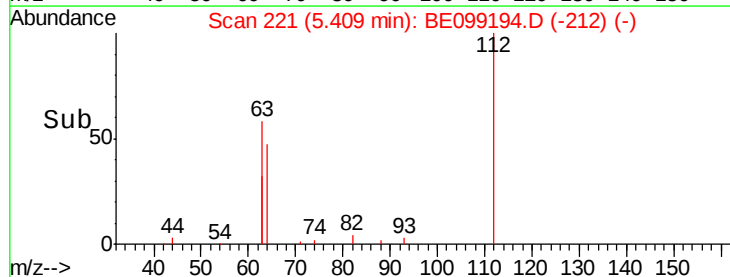
63 109.3 89.9 134.9

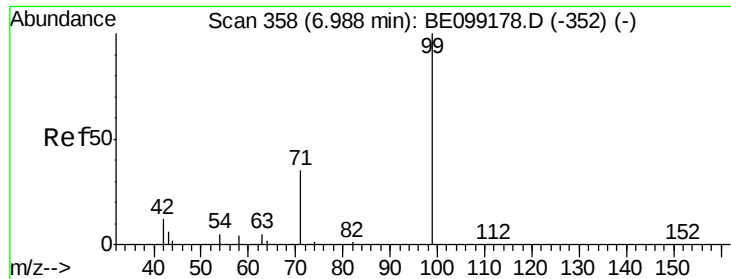


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.086 ng

RT: 6.99 min Scan# 358

Delta R.T. -0.00 min

Lab File: BE099194.D

Acq: 25 Mar 2019 00:01

Instrument :

BNA\_E

ClientSampleId :

OUTFALL001-190319

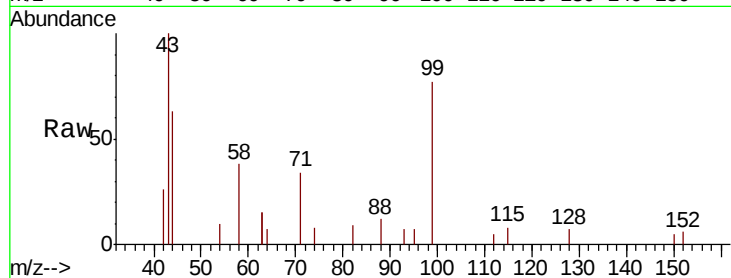
Tot Ion: 99 Resp: 1418

Ion Ratio Lower Upper

99 100

42 18.3 12.4 18.6

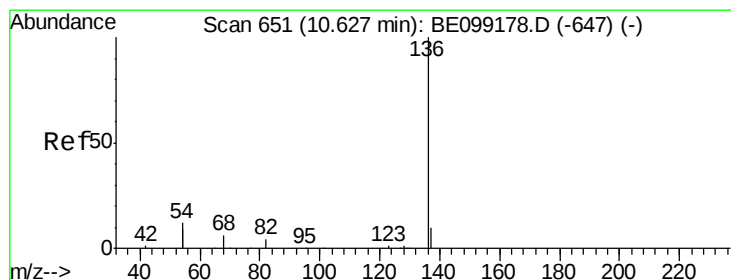
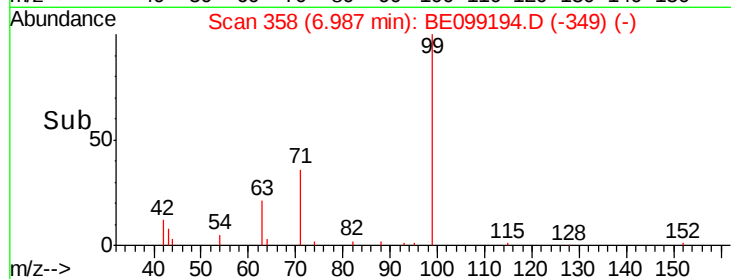
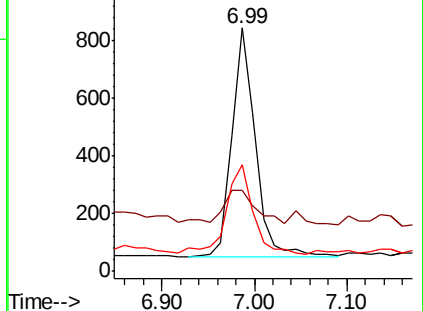
71 44.2 28.4 42.6#



Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.63 min Scan# 651

Delta R.T. 0.00 min

Lab File: BE099194.D

Acq: 25 Mar 2019 00:01

Tgt Ion:136 Resp: 16832

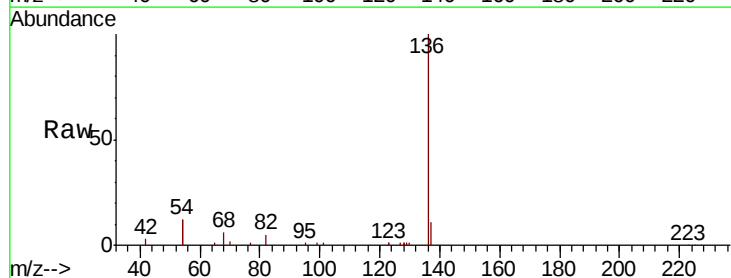
Ion Ratio Lower Upper

136 100

137 10.7 8.7 13.1

54 23.1 18.7 28.1

68 6.0 5.2 7.8

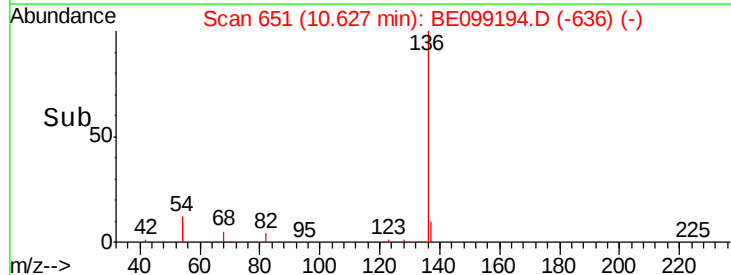
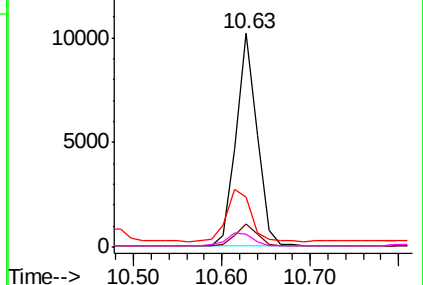


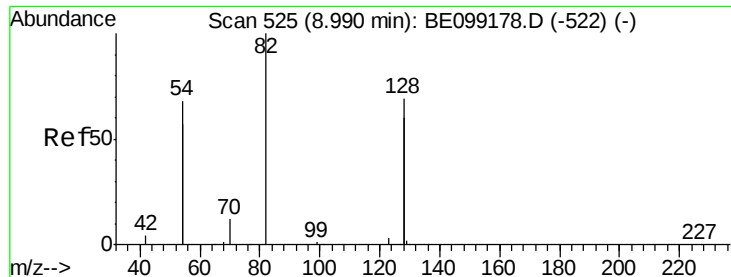
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0





#8

Nitrobenzene-d5

Concen: 0.338 ng

RT: 8.99 min Scan# 525

Delta R.T. 0.00 min

Lab File: BE099194.D

Acq: 25 Mar 2019 00:01

Instrument :

BNA\_E

ClientSampleId :

OUTFALL001-190319

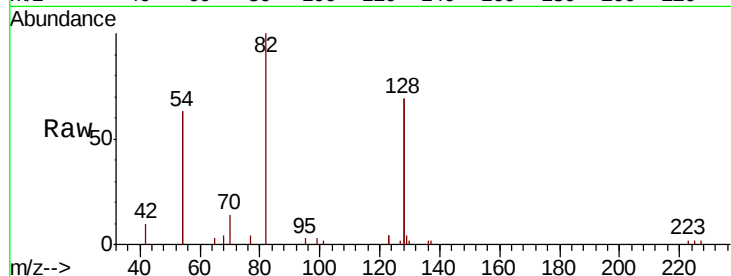
Tot Ion: 82 Resp: 4651

Ion Ratio Lower Upper

82 100

128 138.5 107.5 161.3

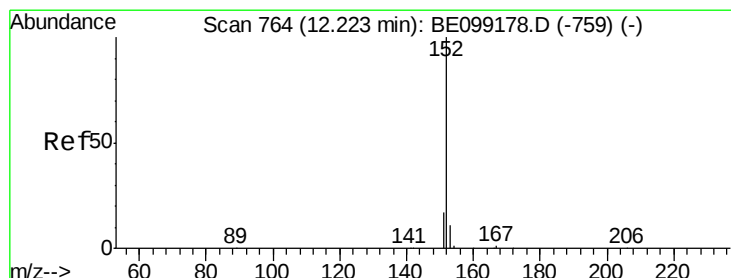
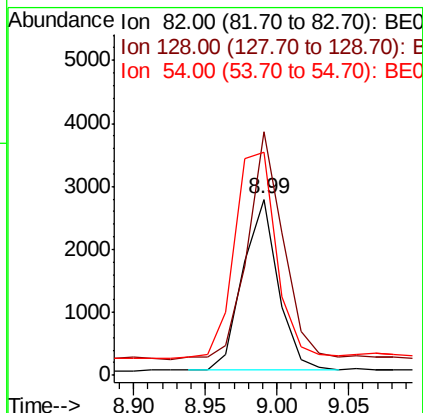
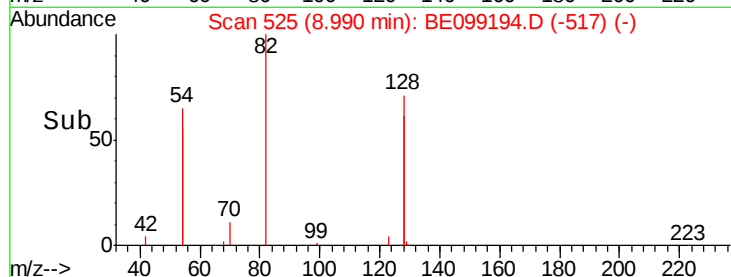
54 126.6 106.3 159.5



Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0



#11

2-Methylnaphthalene-d10

Concen: 0.355 ng

RT: 12.22 min Scan# 764

Delta R.T. 0.00 min

Lab File: BE099194.D

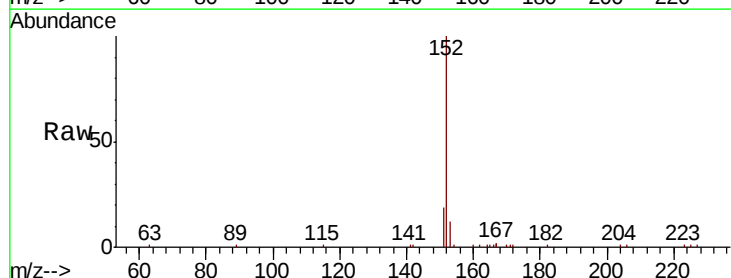
Acq: 25 Mar 2019 00:01

Tgt Ion: 152 Resp: 11520

Ion Ratio Lower Upper

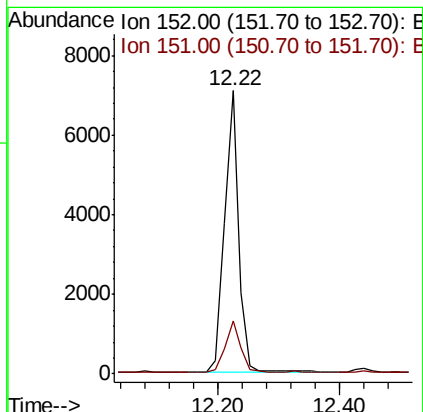
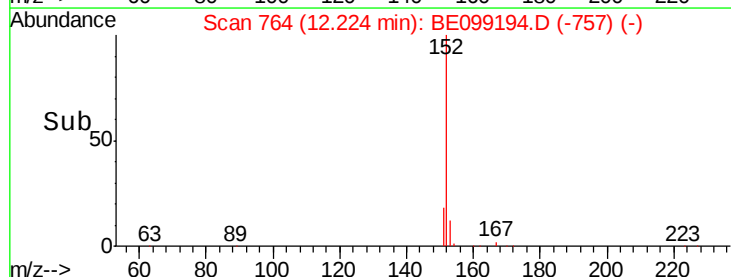
152 100

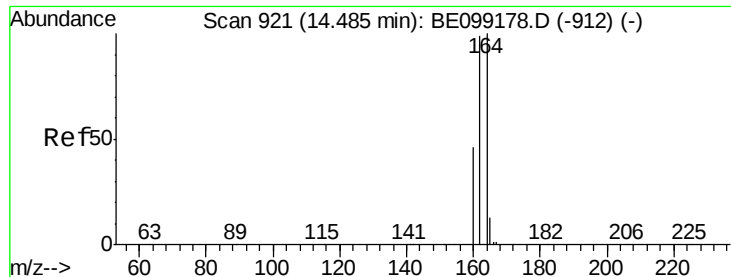
151 19.5 15.0 22.6



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. -0.01 min

Lab File: BE099194.D

Acq: 25 Mar 2019 00:01

Instrument :

BNA\_E

ClientSampleId :

OUTFALL001-190319

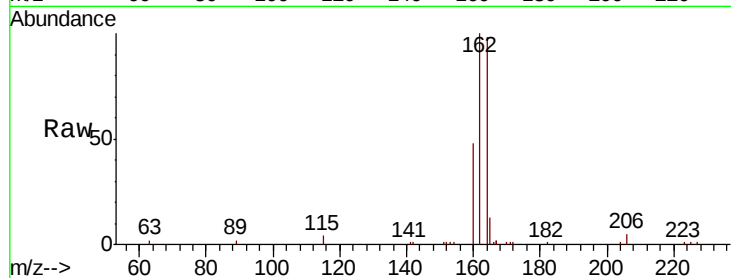
Tot Ion:164 Resp: 12984

Ion Ratio Lower Upper

164 100

162 102.2 79.2 118.8

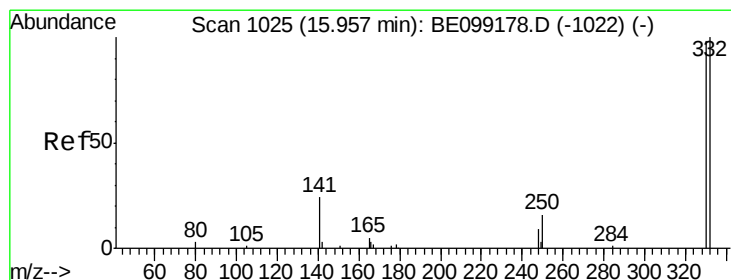
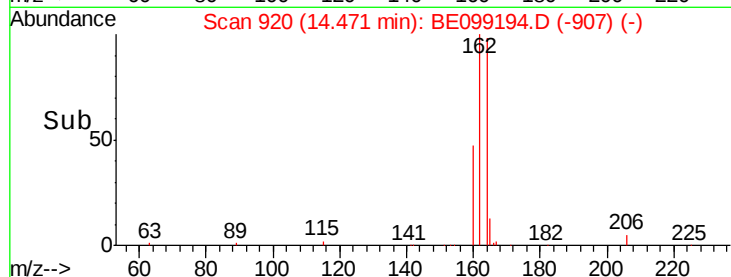
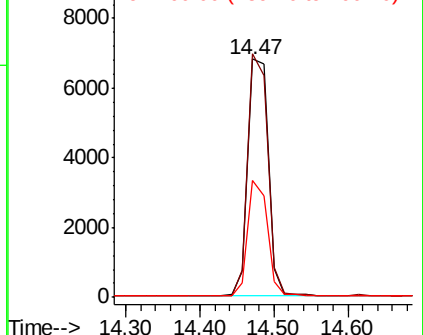
160 48.9 36.7 55.1



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: 0.461 ng

RT: 15.96 min Scan# 1025

Delta R.T. 0.00 min

Lab File: BE099194.D

Acq: 25 Mar 2019 00:01

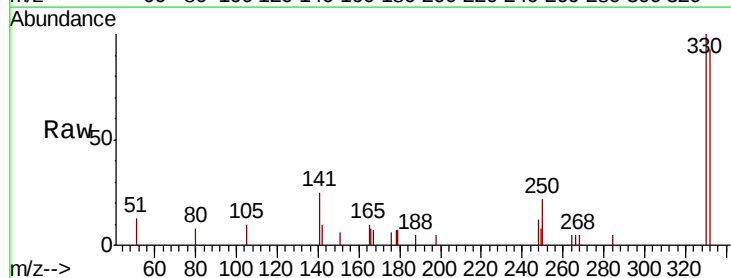
Tgt Ion:330 Resp: 1711

Ion Ratio Lower Upper

330 100

332 92.3 71.3 106.9

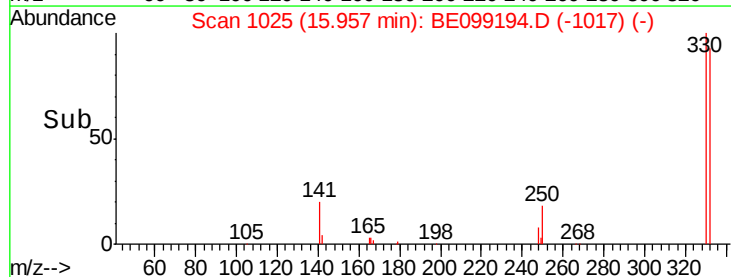
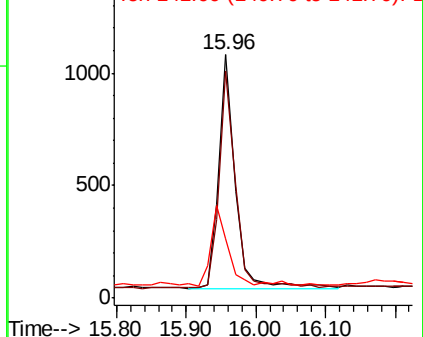
141 33.3 21.7 32.5#

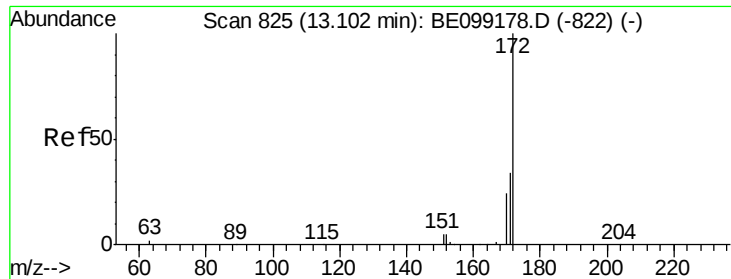


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

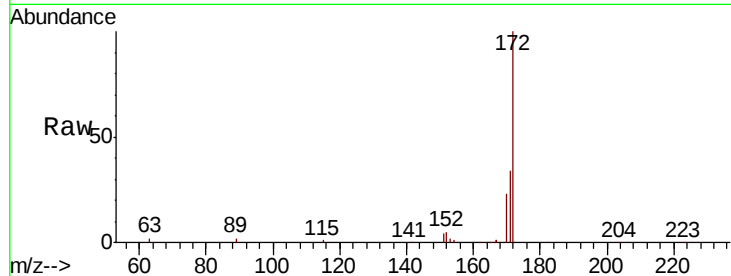




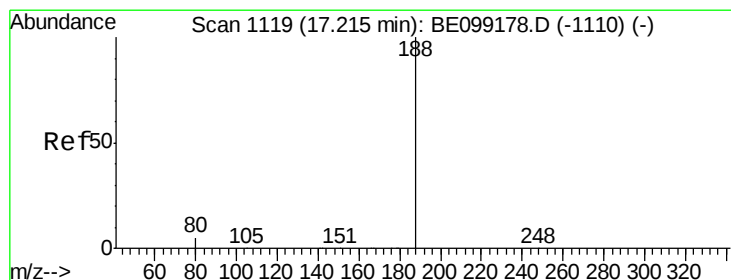
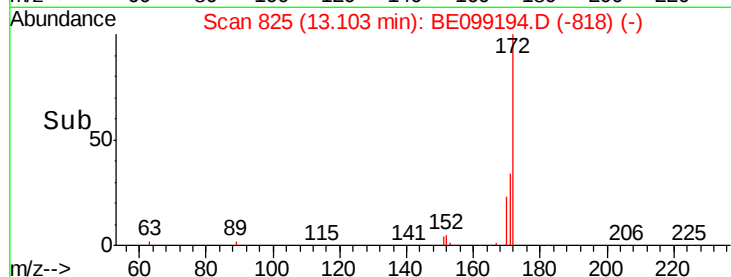
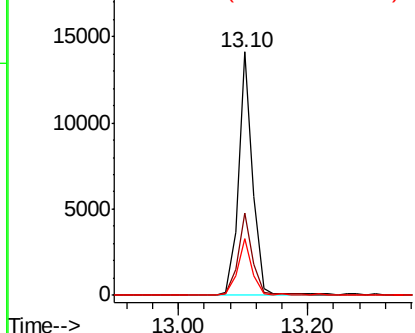
#15  
2-Fluorobiphenyl  
Concen: 0.392 ng  
RT: 13.10 min Scan# 825  
Delta R.T. 0.00 min  
Lab File: BE099194.D  
Acq: 25 Mar 2019 00:01

Instrument :  
BNA\_E  
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OUTFALL001-190319

Tot Ion:172 Resp: 20744  
Ion Ratio Lower Upper  
172 100  
171 33.8 27.4 41.0  
170 23.1 19.1 28.7

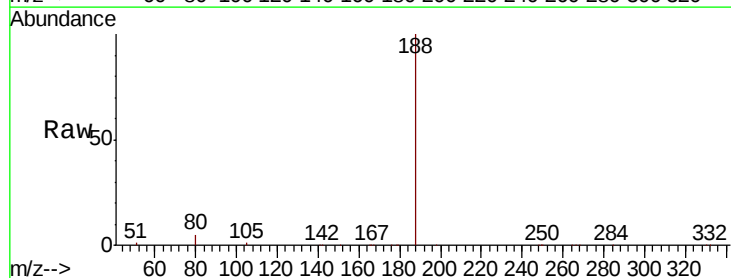


Abundance Ion 172.00 (171.70 to 172.70): E  
Ion 171.00 (170.70 to 171.70): E  
Ion 170.00 (169.70 to 170.70): E

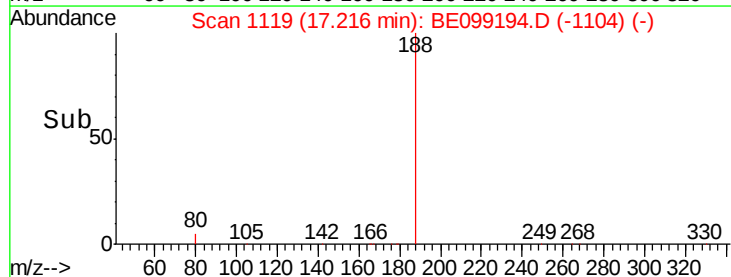
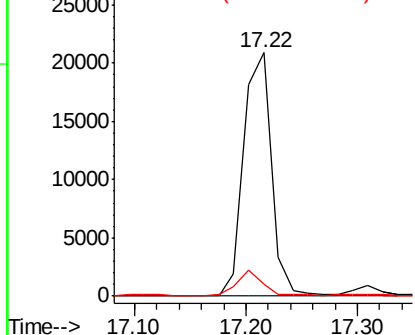


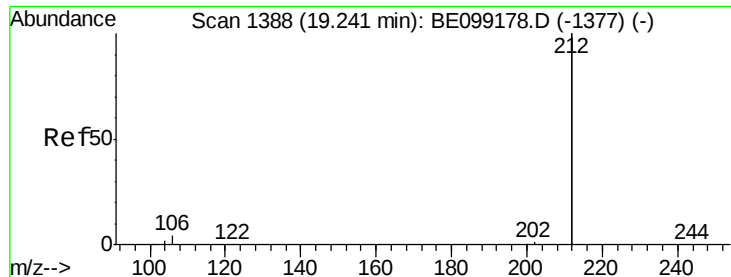
#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.22 min Scan# 1119  
Delta R.T. 0.00 min  
Lab File: BE099194.D  
Acq: 25 Mar 2019 00:01

Tgt Ion:188 Resp: 35950  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 5.0 4.5 6.7



Abundance Ion 188.00 (187.70 to 188.70): E  
Ion 94.00 (93.70 to 94.70): BE0  
Ion 80.00 (79.70 to 80.70): BE0

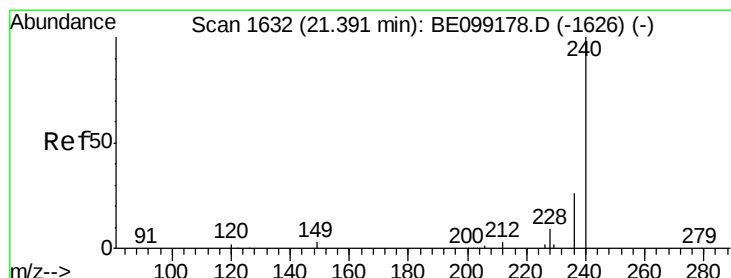
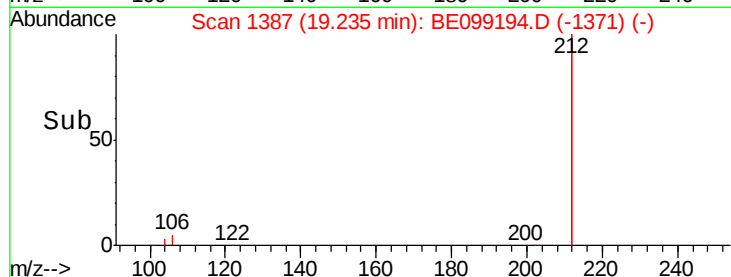
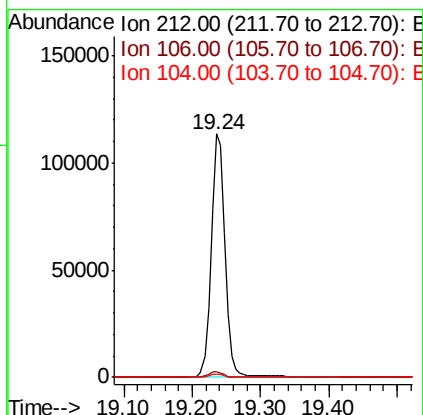
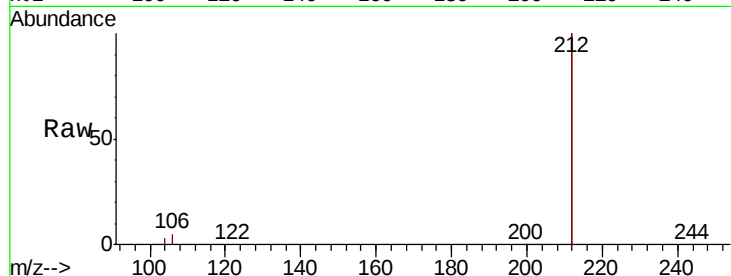




#25  
 Fluoranthene-d10  
 Concen: 0.366 ng  
 RT: 19.24 min Scan# 1387  
 Delta R.T. -0.01 min  
 Lab File: BE099194.D  
 Acq: 25 Mar 2019 00:01

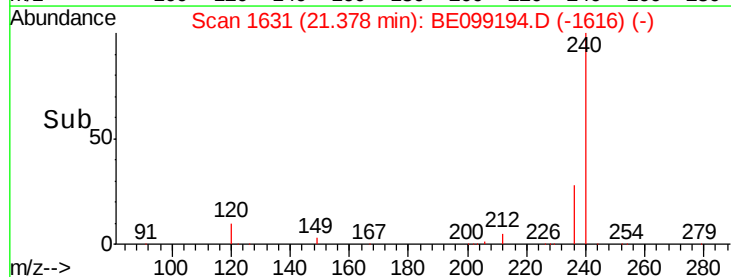
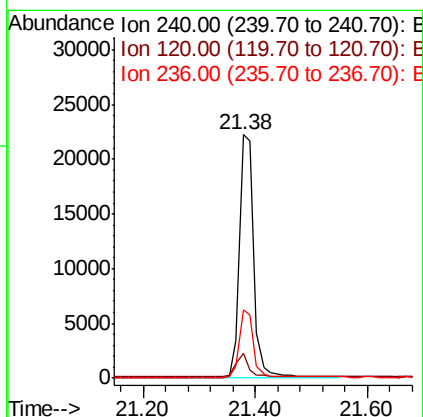
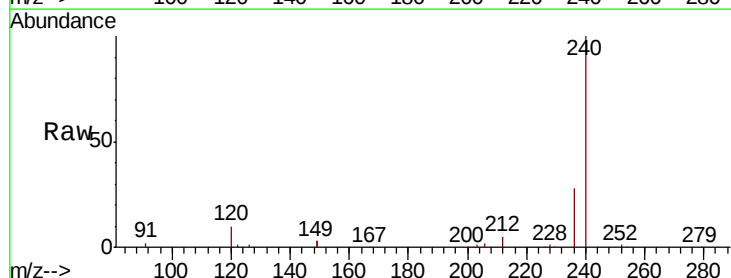
Instrument :  
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 OUTFALL001-190319

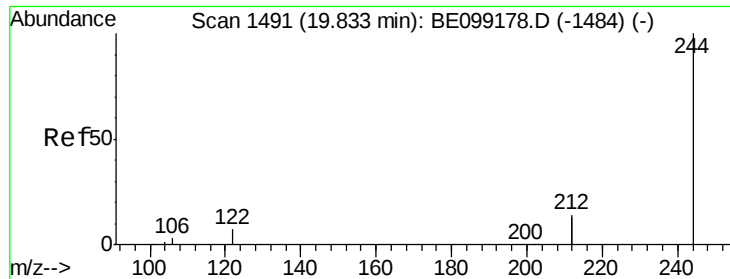
Tot Ion:212 Resp: 159394  
 Ion Ratio Lower Upper  
 212 100  
 106 2.4 1.8 2.8  
 104 1.4 1.1 1.7



#27  
 Chrysene-d12  
 Concen: 0.400 ng  
 RT: 21.38 min Scan# 1631  
 Delta R.T. -0.01 min  
 Lab File: BE099194.D  
 Acq: 25 Mar 2019 00:01

Tgt Ion:240 Resp: 39533  
 Ion Ratio Lower Upper  
 240 100  
 120 10.3 2.6 3.8#  
 236 28.1 20.9 31.3





#29

Terphenyl-d14

Concen: 0.360 ng

RT: 19.83 min Scan# 1491

Delta R.T. -0.00 min

Lab File: BE099194.D

Acq: 25 Mar 2019 00:01

Instrument :

BNA\_E

ClientSampleId :

OUTFALL001-190319

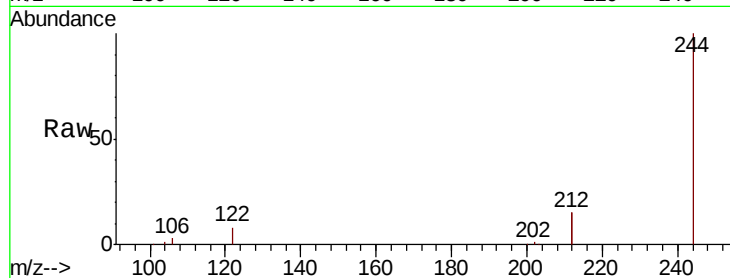
Tot Ion:244 Resp: 30915

Ion Ratio Lower Upper

244 100

212 30.7 22.7 34.1

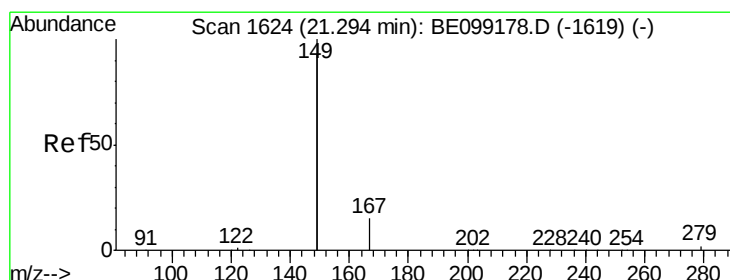
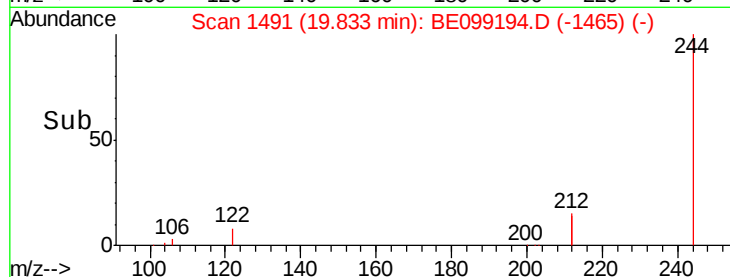
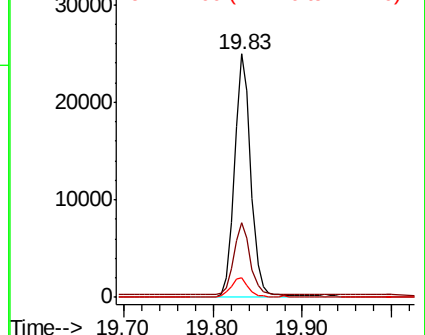
122 8.0 5.8 8.6



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: 0.090 ng

RT: 21.29 min Scan# 1624

Delta R.T. -0.00 min

Lab File: BE099194.D

Acq: 25 Mar 2019 00:01

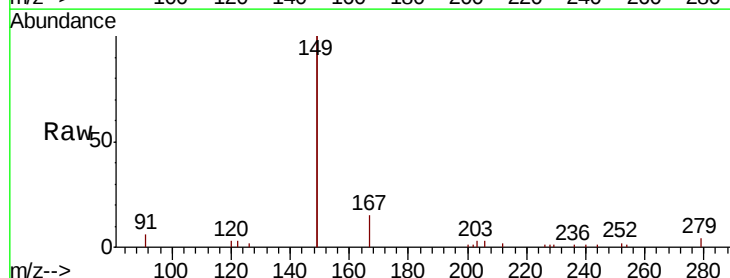
Tgt Ion:149 Resp: 13950

Ion Ratio Lower Upper

149 100

167 6.8 5.9 8.9

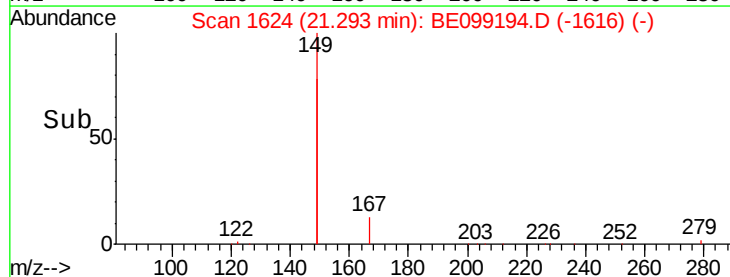
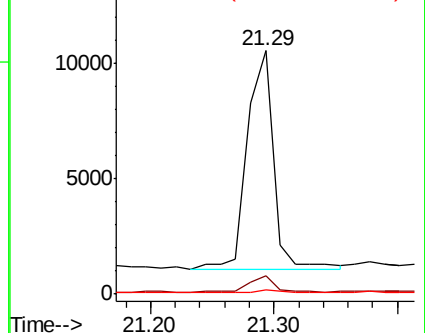
279 1.9 1.0 1.6#

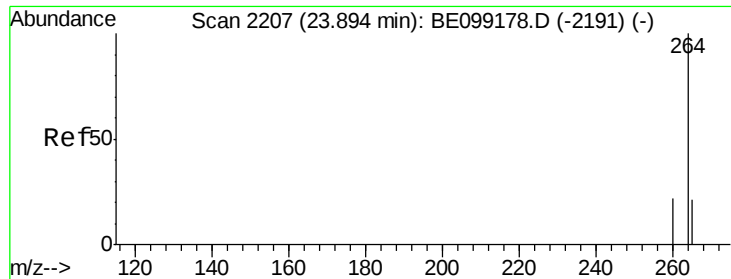


Abundance Ion 149.00 (148.70 to 149.70): E

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: 23.89 min Scan# 2207

Delta R.T. 0.00 min

Lab File: BE099194.D

Acq: 25 Mar 2019 00:01

Instrument :

BNA\_E

ClientSampleId :

OUTFALL001-190319

Tot Ion:264 Resp: 37511

Ion Ratio Lower Upper

264 100

260 24.1 18.2 27.2

265 26.8 21.8 32.8

