

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE032519\  
 Data File : BE099206.D  
 Acq On : 26 Mar 2019 8:37  
 Operator : JU/SJ  
 Sample : K2064-15  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 P024-TW001-01

Quant Time: Mar 26 13:30:43 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

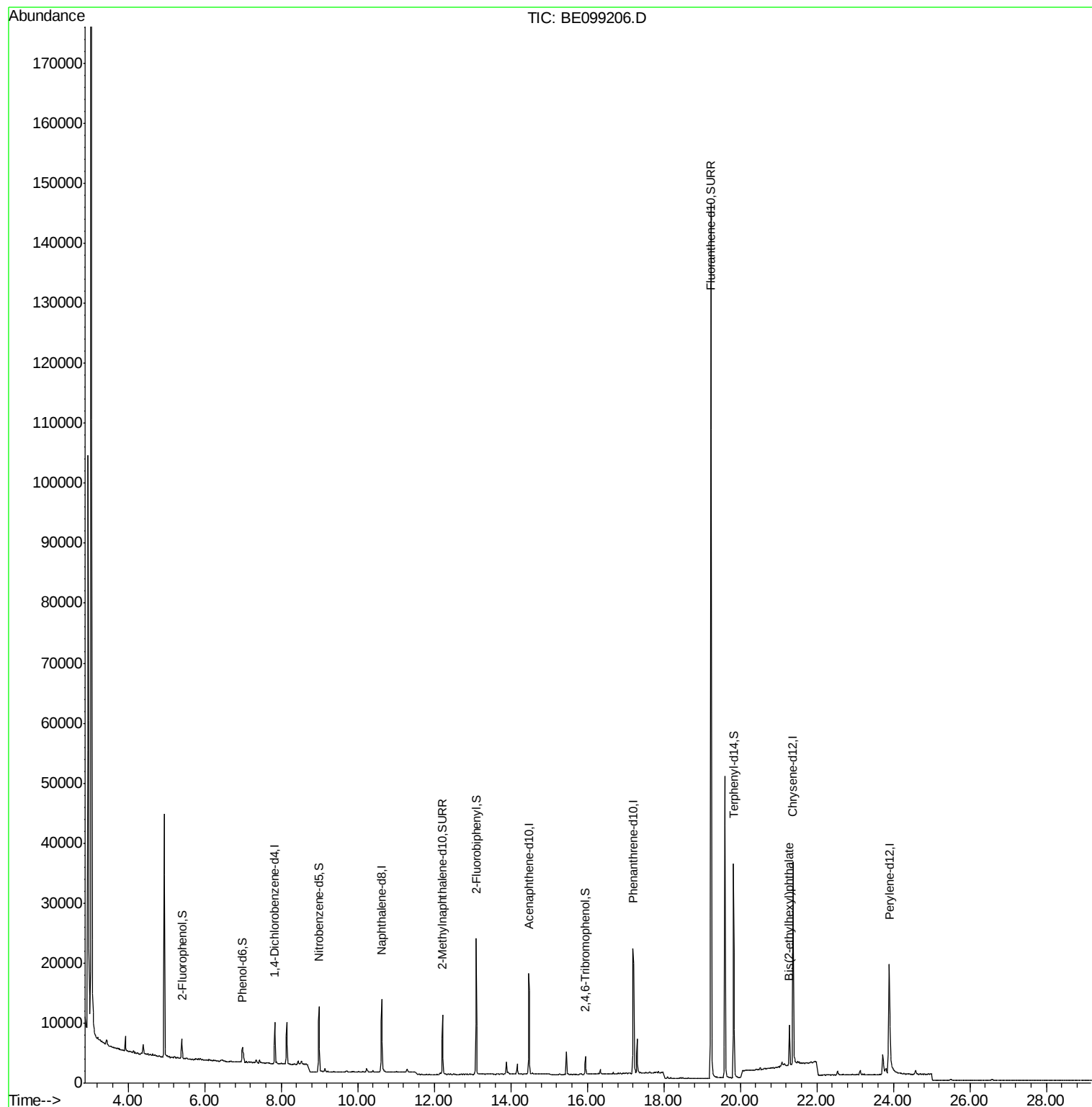
| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4      | 7.83  | 152  | 3382     | 0.40  | ng    | -0.01    |
| 7) Naphthalene-d8              | 10.63 | 136  | 14528    | 0.40  | ng    | 0.00     |
| 13) Acenaphthene-d10           | 14.47 | 164  | 11402    | 0.40  | ng    | -0.02    |
| 19) Phenanthrene-d10           | 17.20 | 188  | 33353    | 0.40  | ng    | -0.01    |
| 27) Chrysene-d12               | 21.38 | 240  | 37455    | 0.40  | ng    | -0.01    |
| 34) Perylene-d12               | 23.89 | 264  | 34340    | 0.40  | ng    | 0.00     |
| System Monitoring Compounds    |       |      |          |       |       |          |
| 4) 2-Fluorophenol              | 5.41  | 112  | 1857     | 0.18  | ng    | 0.00     |
| 5) Phenol-d6                   | 6.99  | 99   | 2408     | 0.16  | ng    | 0.00     |
| 8) Nitrobenzene-d5             | 8.99  | 82   | 5044     | 0.43  | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10    | 12.22 | 152  | 12764    | 0.46  | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol       | 15.96 | 330  | 1765     | 0.50  | ng    | 0.00     |
| 15) 2-Fluorobiphenyl           | 13.10 | 172  | 20079    | 0.43  | ng    | 0.00     |
| 25) Fluoranthene-d10           | 19.24 | 212  | 196180   | 0.49  | ng    | 0.00     |
| 29) Terphenyl-d14              | 19.83 | 244  | 32713    | 0.40  | ng    | 0.00     |
| Target Compounds               |       |      |          |       |       | Qvalue   |
| 32) Bis(2-ethylhexyl)phthalate | 21.28 | 149  | 9840     | 0.067 | ng    | 99       |

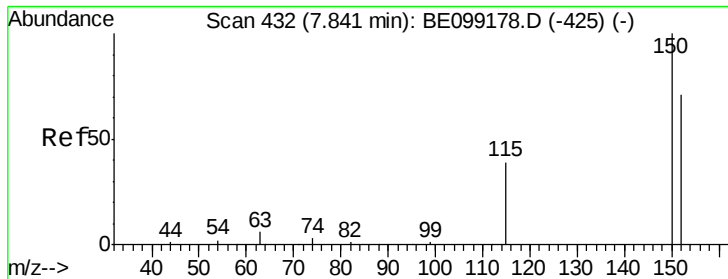
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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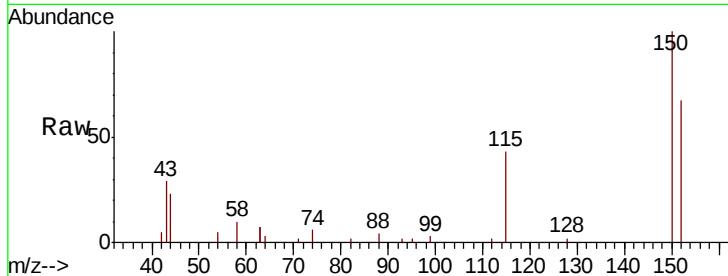


#1

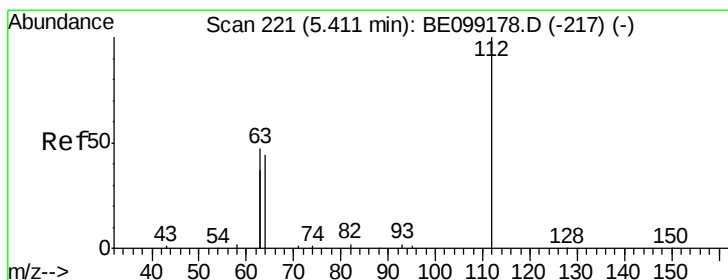
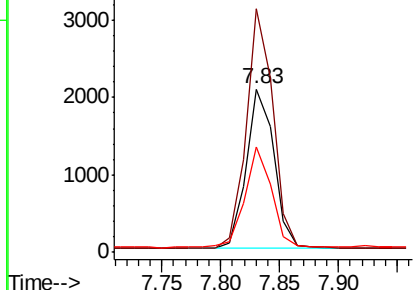
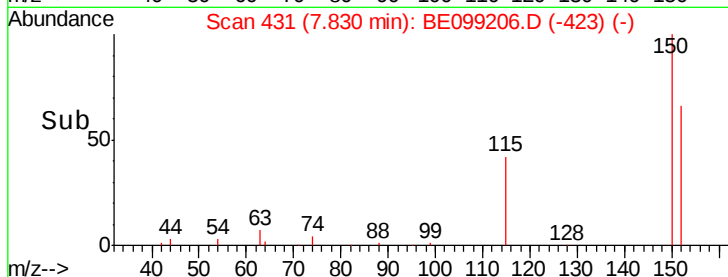
1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.83 min Scan# 431  
 Delta R.T. -0.01 min  
 Lab File: BE099206.D  
 Acq: 26 Mar 2019 8:37

Instrument :  
 BNA\_E  
 ClientSampleId :  
 P024-TW001-01

Tot Ion:152 Resp: 3382  
 Ion Ratio Lower Upper  
 152 100  
 150 149.2 112.8 169.2  
 115 64.5 45.1 67.7



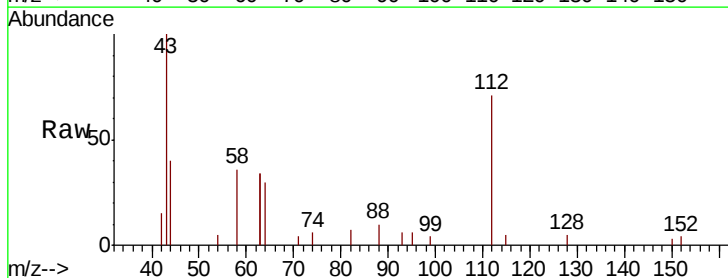
Abundance Ion 152.00 (151.70 to 152.70): E  
 Ion 150.00 (149.70 to 150.70): E  
 Ion 115.00 (114.70 to 115.70): E



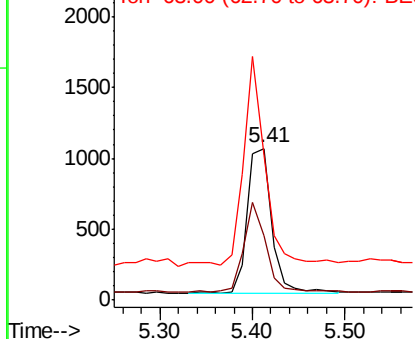
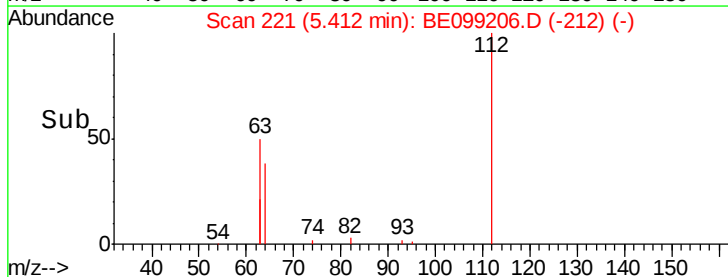
#4

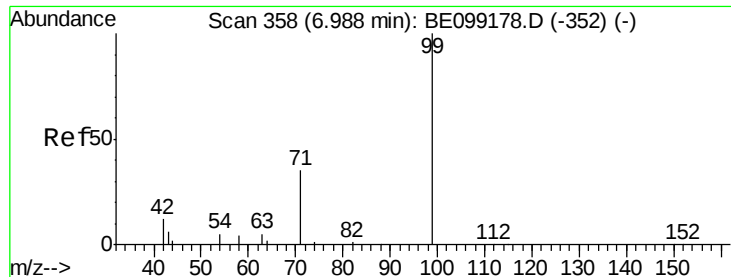
2-Fluorophenol  
 Concen: 0.184 ng  
 RT: 5.41 min Scan# 221  
 Delta R.T. 0.00 min  
 Lab File: BE099206.D  
 Acq: 26 Mar 2019 8:37

Tgt Ion:112 Resp: 1857  
 Ion Ratio Lower Upper  
 112 100  
 64 56.9 46.2 69.2  
 63 120.0 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: 0.156 ng

RT: 6.99 min Scan# 358

Delta R.T. 0.00 min

Lab File: BE099206.D

Acq: 26 Mar 2019 8:37

Instrument :

BNA\_E

ClientSampleId :

P024-TW001-01

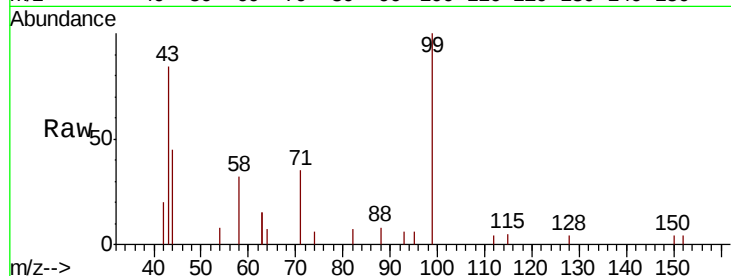
Tot Ion: 99 Resp: 2408

Ion Ratio Lower Upper

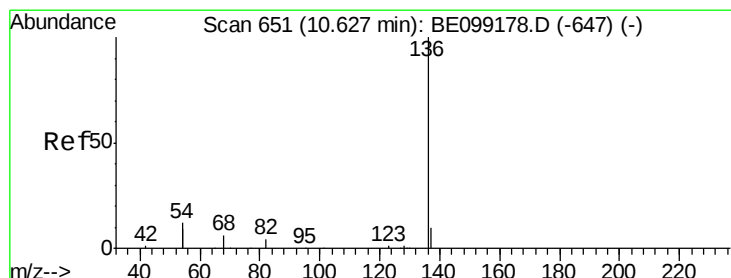
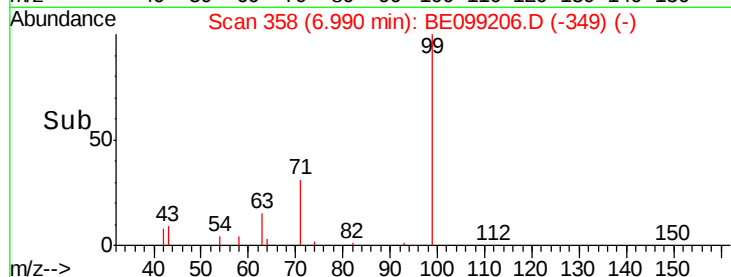
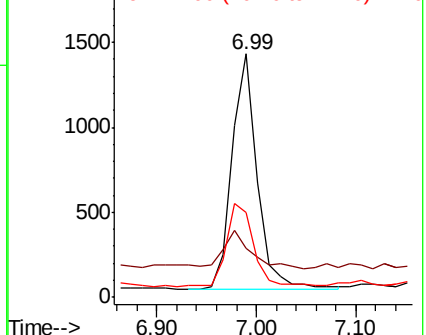
99 100

42 17.7 12.4 18.6

71 37.4 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: BE099206.D

Acq: 26 Mar 2019 8:37

Tgt Ion: 136 Resp: 14528

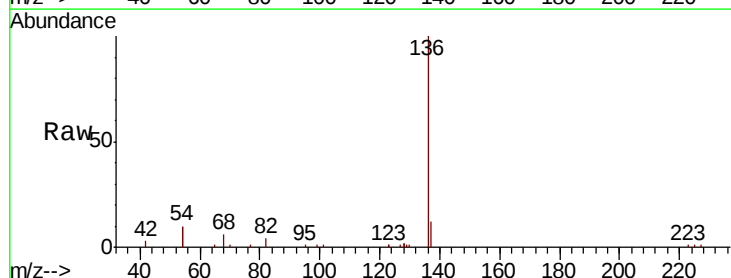
Ion Ratio Lower Upper

136 100

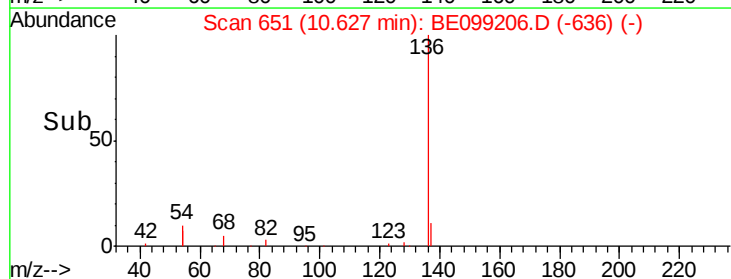
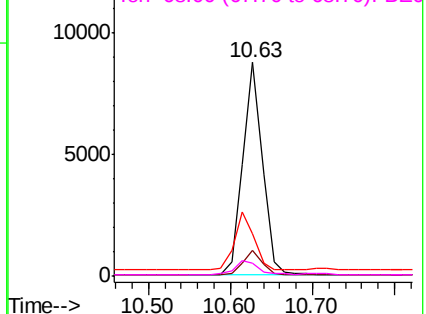
137 11.9 8.7 13.1

54 19.6 18.7 28.1

68 6.1 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: 0.425 ng

RT: 8.99 min Scan# 525

Delta R.T. -0.00 min

Lab File: BE099206.D

Acq: 26 Mar 2019 8:37

Instrument :

BNA\_E

ClientSampleId :

P024-TW001-01

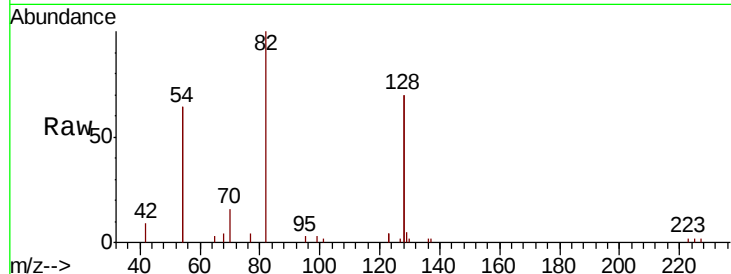
Tot Ion: 82 Resp: 5044

Ion Ratio Lower Upper

82 100

128 139.2 107.5 161.3

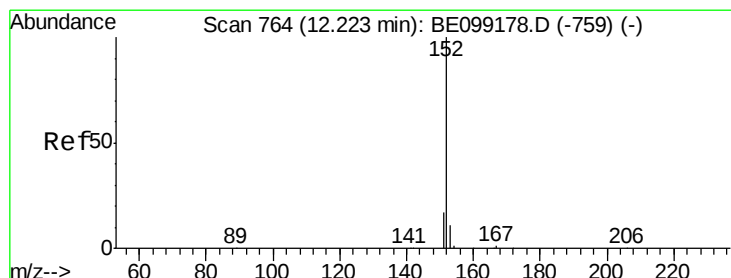
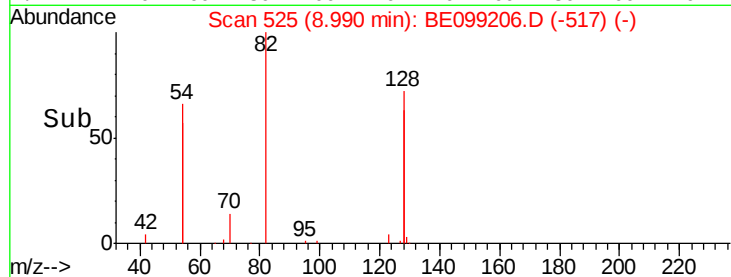
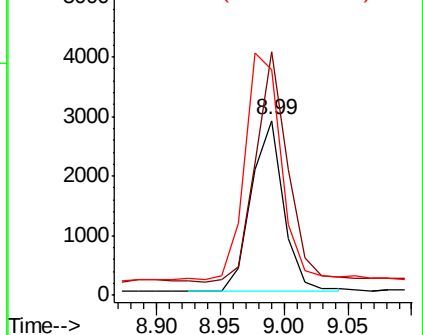
54 128.8 106.3 159.5



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: 0.456 ng

RT: 12.22 min Scan# 764

Delta R.T. -0.00 min

Lab File: BE099206.D

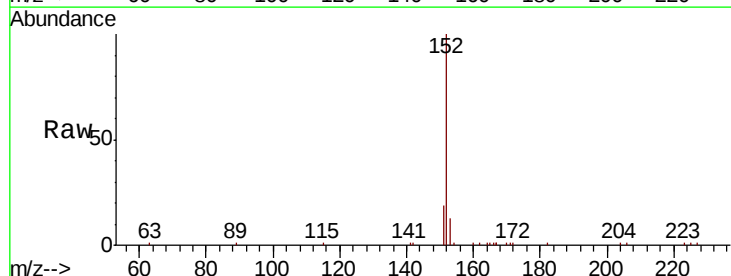
Acq: 26 Mar 2019 8:37

Tgt Ion: 152 Resp: 12764

Ion Ratio Lower Upper

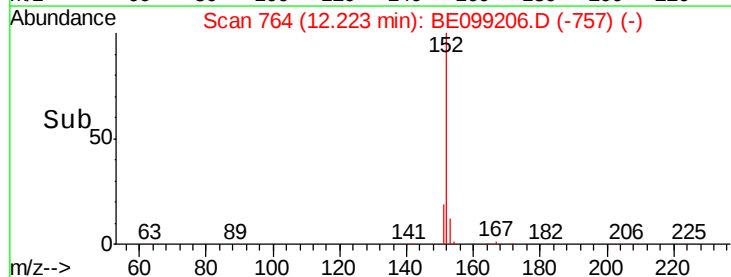
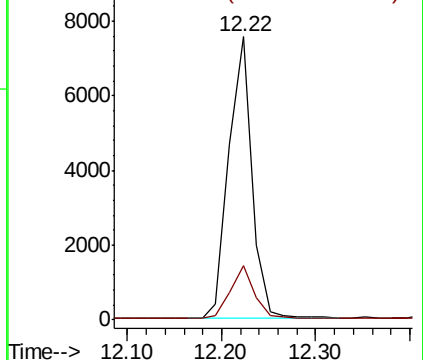
152 100

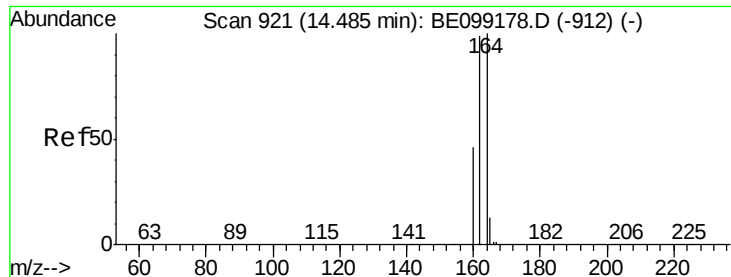
151 19.2 15.0 22.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

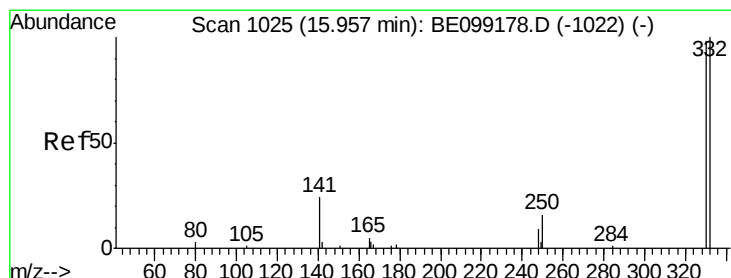
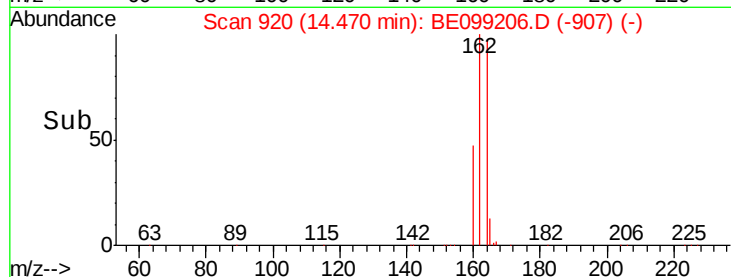
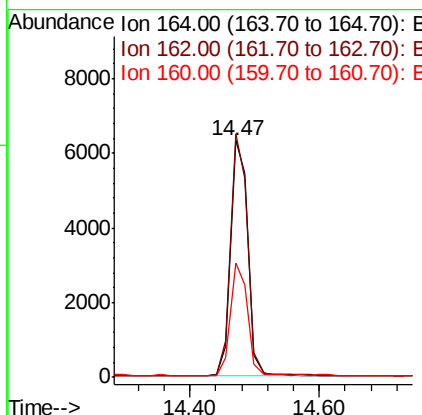
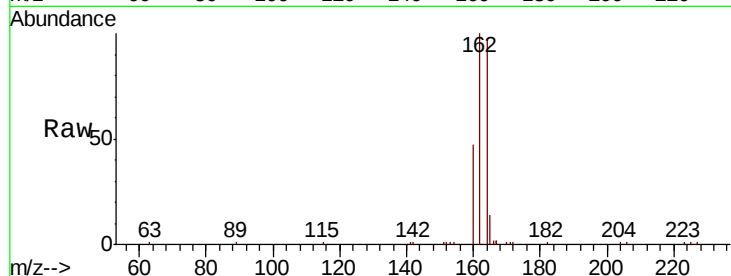




#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.47 min Scan# 920  
Delta R.T. -0.02 min  
Lab File: BE099206.D  
Acq: 26 Mar 2019 8:37

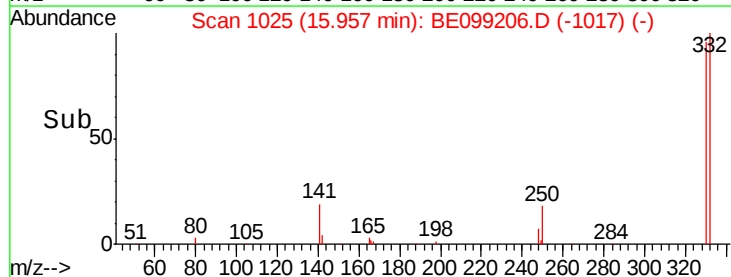
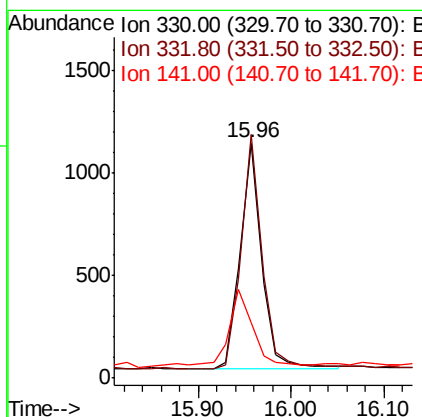
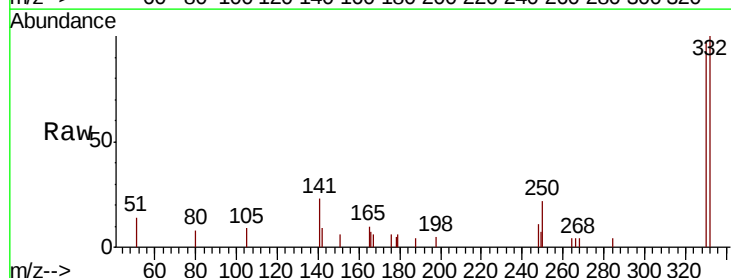
Instrument :  
BNA\_E  
ClientSampleId :  
P024-TW001-01

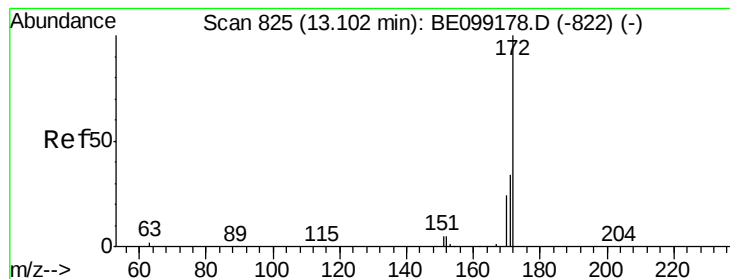
Tot Ion:164 Resp: 11402  
Ion Ratio Lower Upper  
164 100  
162 102.7 79.2 118.8  
160 48.5 36.7 55.1



#14  
2,4,6-Tribromophenol  
Concen: 0.500 ng  
RT: 15.96 min Scan# 1025  
Delta R.T. 0.00 min  
Lab File: BE099206.D  
Acq: 26 Mar 2019 8:37

Tgt Ion:330 Resp: 1765  
Ion Ratio Lower Upper  
330 100  
332 101.9 71.3 106.9  
141 34.3 21.7 32.5#





#15

2-Fluorobiphenyl

Concen: 0.432 ng

RT: 13.10 min Scan# 825

Delta R.T. -0.00 min

Lab File: BE099206.D

Acq: 26 Mar 2019 8:37

Instrument :

BNA\_E

ClientSampleId :

P024-TW001-01

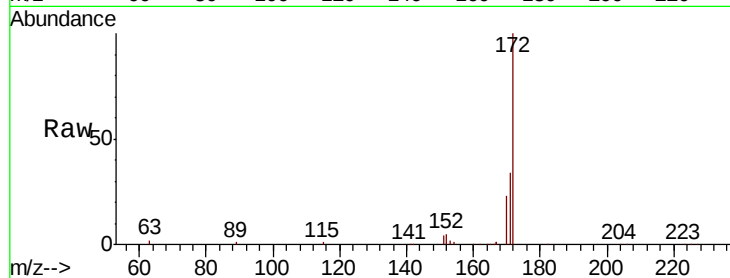
Tot Ion:172 Resp: 20079

Ion Ratio Lower Upper

172 100

171 33.9 27.4 41.0

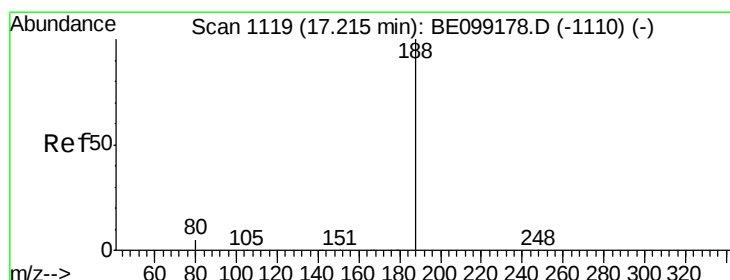
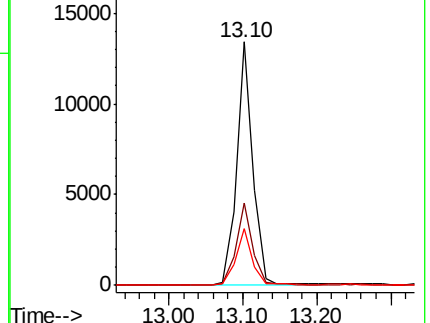
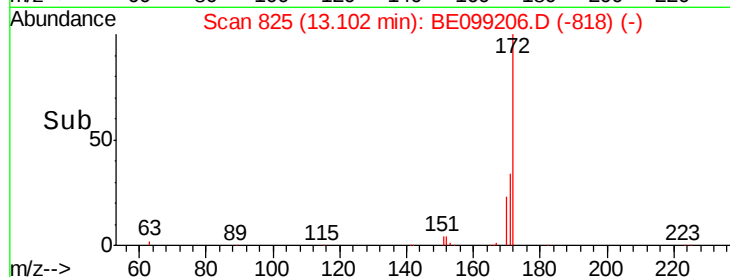
170 23.5 19.1 28.7



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: 17.20 min Scan# 1118

Delta R.T. -0.01 min

Lab File: BE099206.D

Acq: 26 Mar 2019 8:37

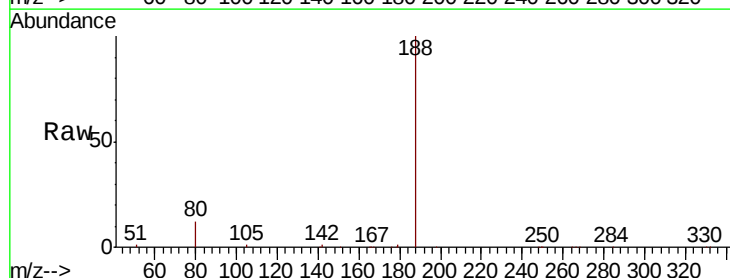
Tgt Ion:188 Resp: 33353

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

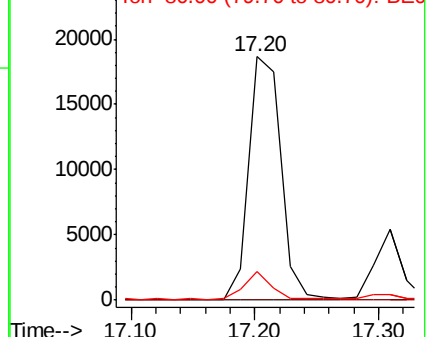
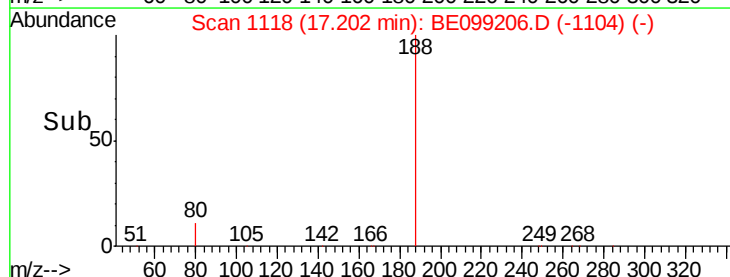
80 11.9 4.5 6.7#

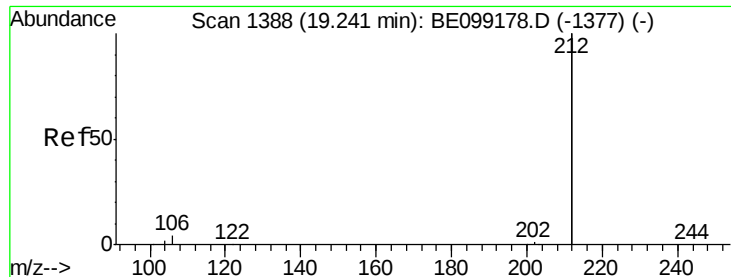


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0





#25

Fluoranthene-d10

Concen: 0.485 ng

RT: 19.24 min Scan# 1387

Delta R.T. -0.00 min

Lab File: BE099206.D

Acq: 26 Mar 2019 8:37

Instrument :

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ClientSampleId :

P024-TW001-01

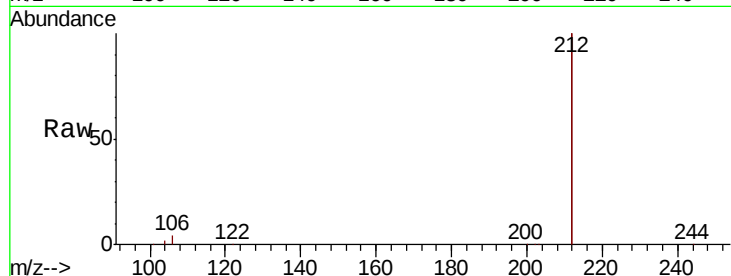
Tot Ion:212 Resp: 196180

Ion Ratio Lower Upper

212 100

106 2.3 1.8 2.8

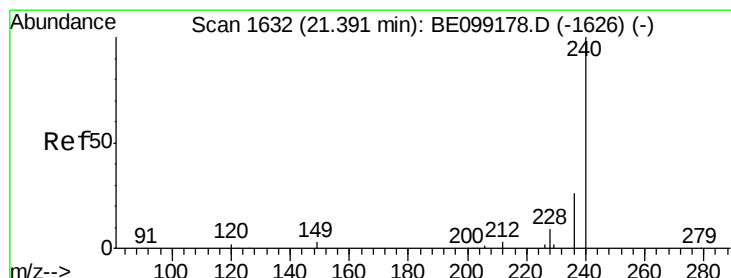
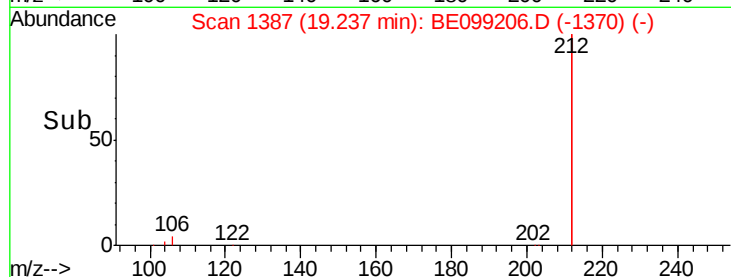
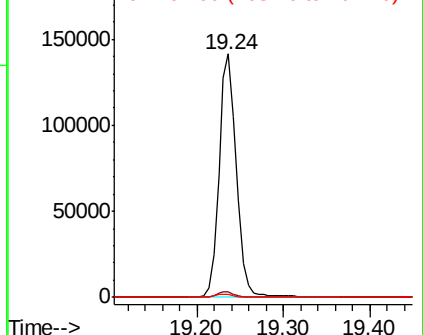
104 1.4 1.1 1.7



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: 21.38 min Scan# 1631

Delta R.T. -0.01 min

Lab File: BE099206.D

Acq: 26 Mar 2019 8:37

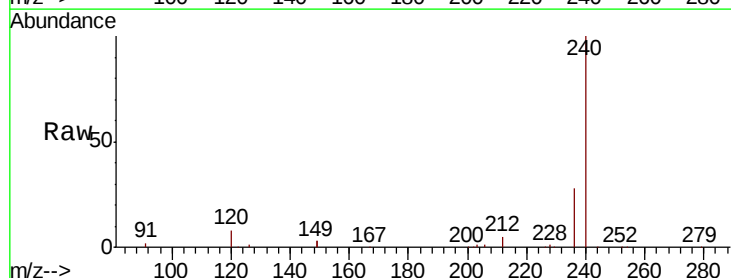
Tgt Ion:240 Resp: 37455

Ion Ratio Lower Upper

240 100

120 8.2 2.6 3.8#

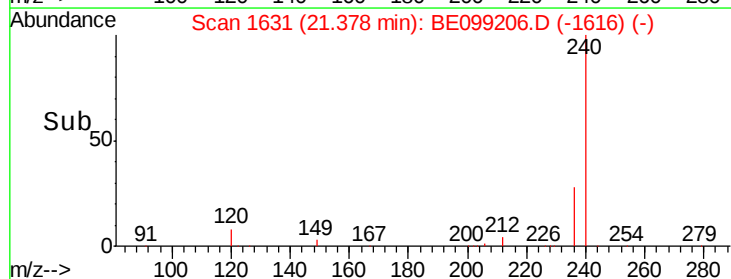
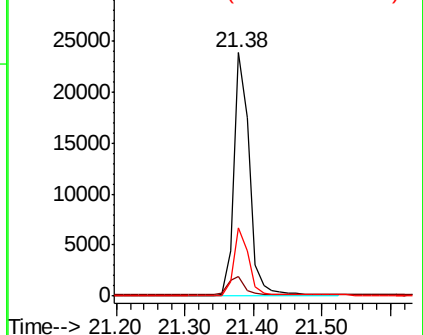
236 28.0 20.9 31.3

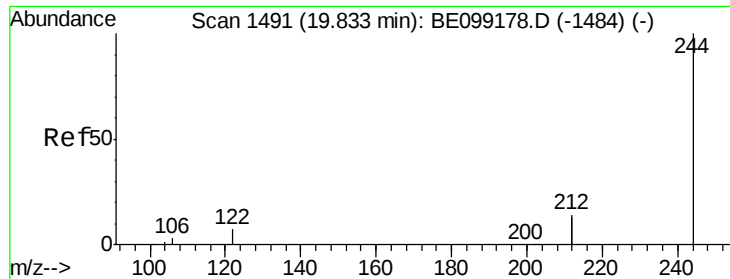


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.402 ng

RT: 19.83 min Scan# 1490

Delta R.T. -0.00 min

Lab File: BE099206.D

Acq: 26 Mar 2019 8:37

Instrument :

BNA\_E

ClientSampleId :

P024-TW001-01

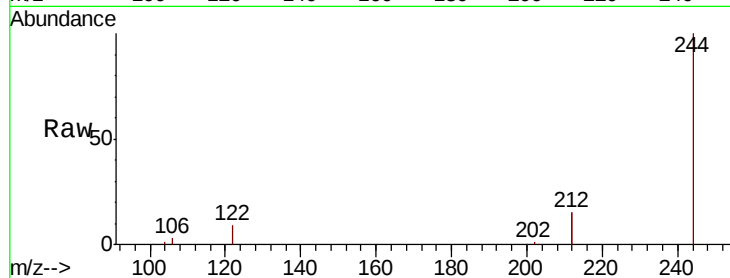
Tot Ion:244 Resp: 32713

Ion Ratio Lower Upper

244 100

212 30.7 22.7 34.1

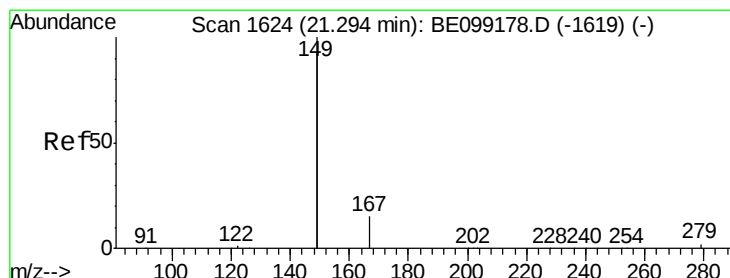
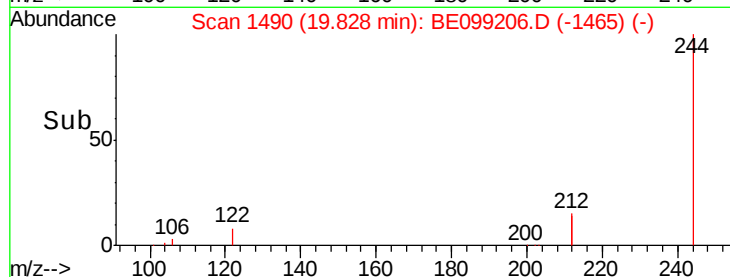
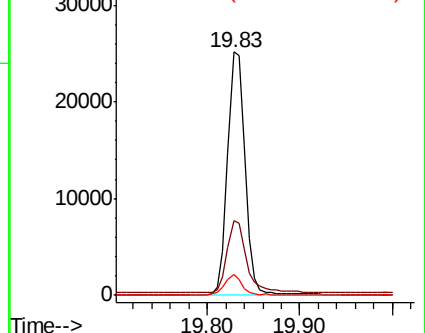
122 8.6 5.8 8.6



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: 0.067 ng

RT: 21.28 min Scan# 1623

Delta R.T. -0.01 min

Lab File: BE099206.D

Acq: 26 Mar 2019 8:37

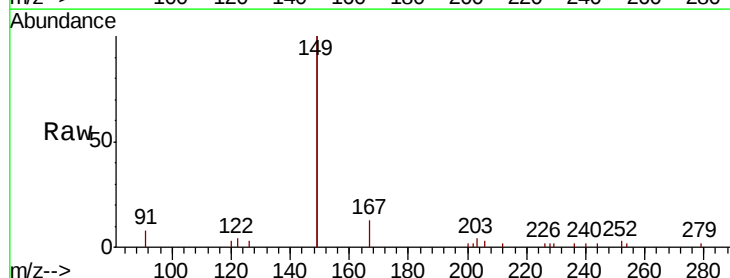
Tgt Ion:149 Resp: 9840

Ion Ratio Lower Upper

149 100

167 7.8 5.9 8.9

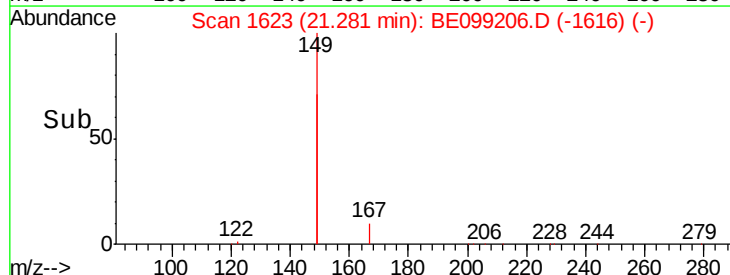
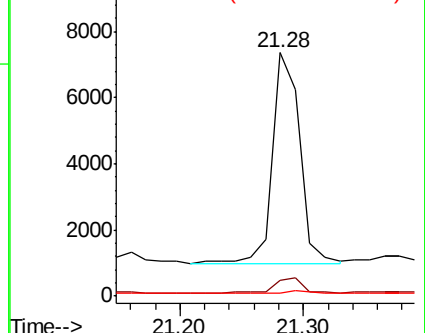
279 1.1 1.0 1.6

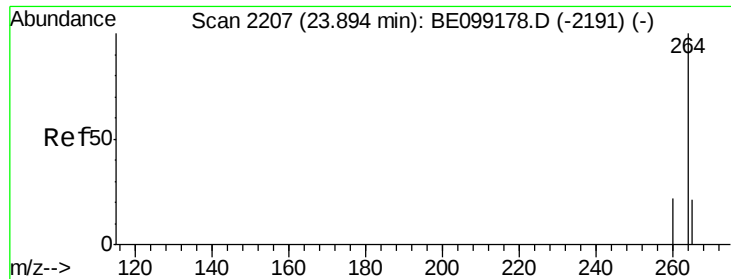


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



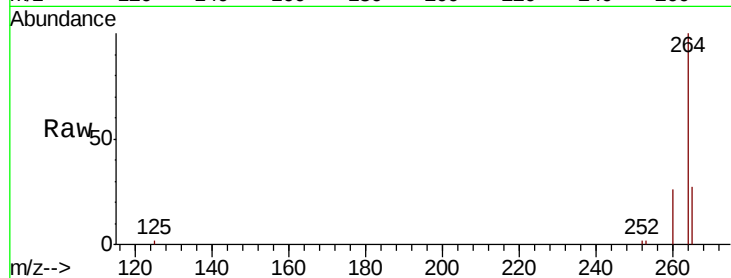


#34  
Pervlone-d12  
Concen: 0.400 ng  
RT: 23.89 min Scan# 2207  
Delta R.T. -0.00 min  
Lab File: BE099206.D  
Acq: 26 Mar 2019 8:37

Instrument :  
BNA\_E  
ClientSampleId :  
P024-TW001-01

Tot Ion:264 Resp: 34340  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 25.7  | 18.2  | 27.2  |
| 265 | 26.9  | 21.8  | 32.8  |



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

