

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE011520\  
 Data File : BE101067.D  
 Acq On : 15 Jan 2020 20:57  
 Operator : JU  
 Sample : L1103-12  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 EQB-01-011020

Quant Time: Jan 16 04:43:01 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE010820.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jan 08 18:36:25 2020  
 Response via : Initial Calibration

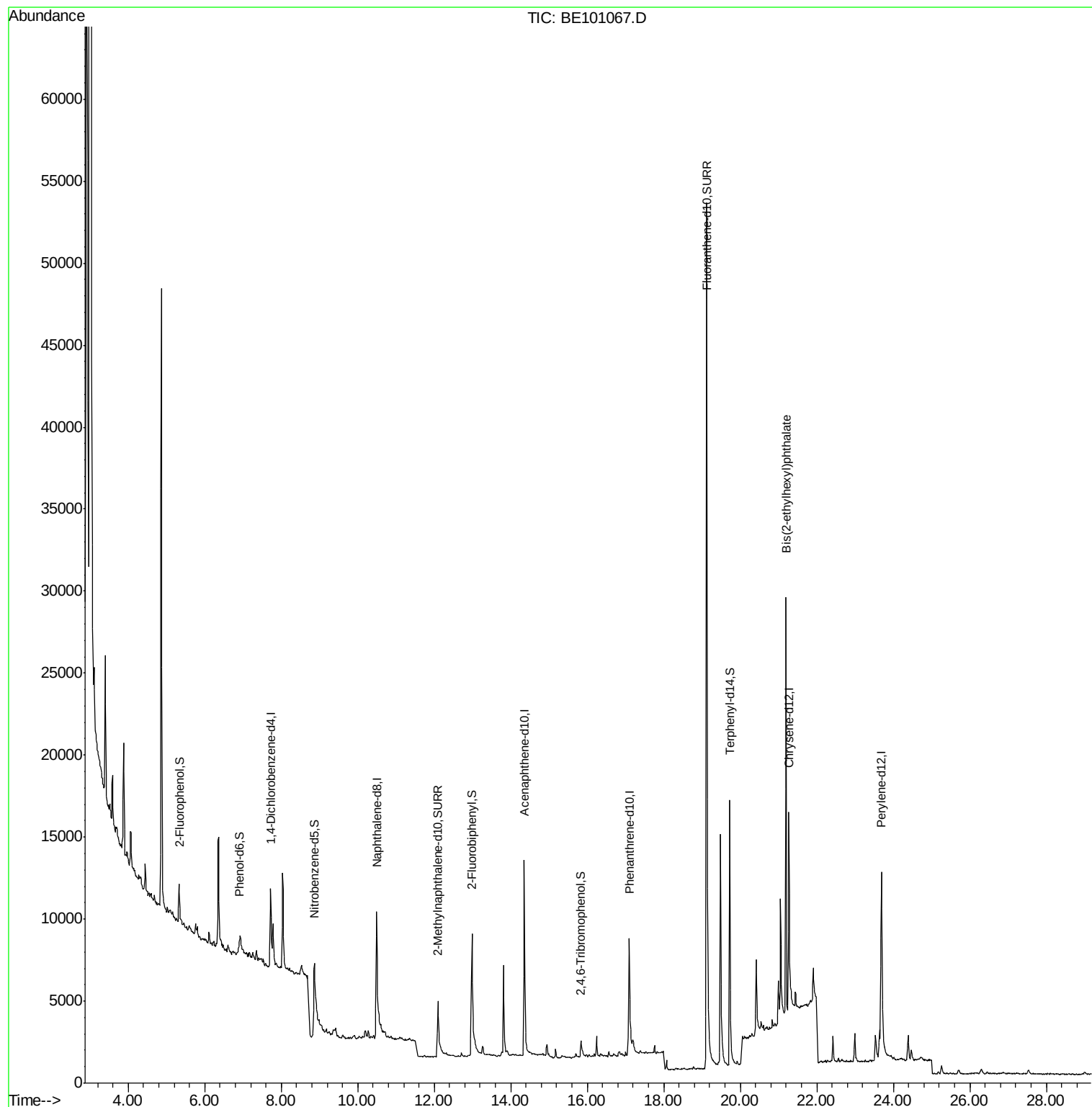
| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4      | 7.72  | 152  | 3340     | 0.40  | ng    | -0.01    |
| 7) Naphthalene-d8              | 10.50 | 136  | 13882    | 0.40  | ng    | 0.00     |
| 13) Acenaphthene-d10           | 14.36 | 164  | 8179     | 0.40  | ng    | 0.00     |
| 19) Phenanthrene-d10           | 17.10 | 188  | 15649    | 0.40  | ng    | 0.00     |
| 27) Chrysene-d12               | 21.27 | 240  | 17443    | 0.40  | ng    | -0.01    |
| 34) Perylene-d12               | 23.69 | 264  | 22041    | 0.40  | ng    | -0.01    |
| System Monitoring Compounds    |       |      |          |       |       |          |
| 4) 2-Fluorophenol              | 5.34  | 112  | 1439     | 0.19  | ng    | 0.00     |
| 5) Phenol-d6                   | 6.91  | 99   | 1008     | 0.11  | ng    | -0.01    |
| 8) Nitrobenzene-d5             | 8.87  | 82   | 4519     | 0.46  | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10    | 12.09 | 152  | 8443     | 0.32  | ng    | -0.01    |
| 14) 2,4,6-Tribromophenol       | 15.84 | 330  | 955      | 0.41  | ng    | -0.01    |
| 15) 2-Fluorobiphenyl           | 12.99 | 172  | 12934    | 0.42  | ng    | -0.01    |
| 25) Fluoranthene-d10           | 19.12 | 212  | 93970    | 0.43  | ng    | -0.01    |
| 29) Terphenyl-d14              | 19.72 | 244  | 17973    | 0.42  | ng    | -0.01    |
| Target Compounds               |       |      |          |       |       | Qvalue   |
| 32) Bis(2-ethylhexyl)phthalate | 21.20 | 149  | 29719    | 0.358 | ng    | 99       |

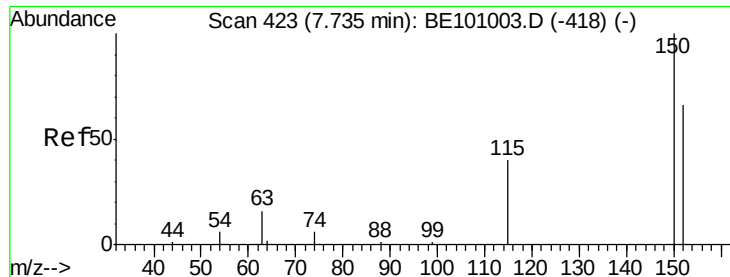
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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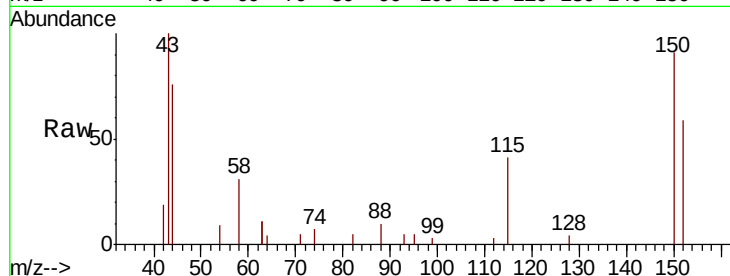


#1

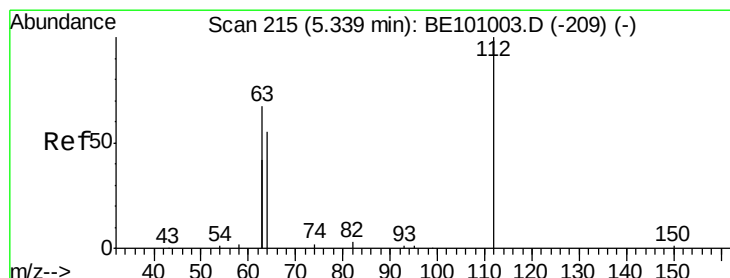
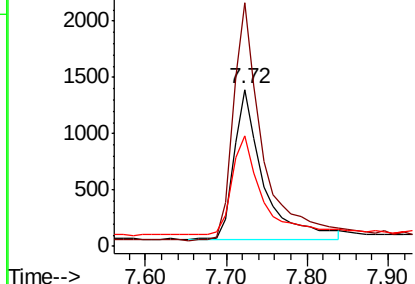
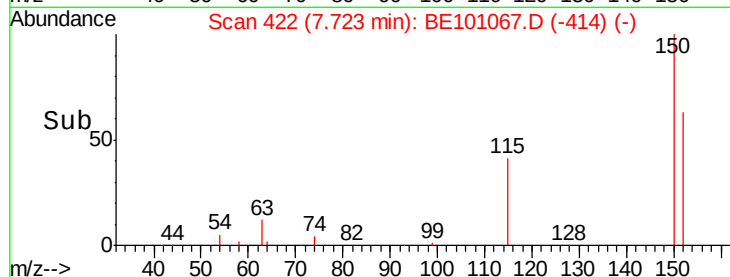
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.72 min Scan# 422  
Delta R.T. -0.01 min  
Lab File: BE101067.D  
Acq: 15 Jan 2020 20:57

Instrument :  
BNA\_E  
ClientSampleId :  
EQB-01-011020

Tot Ion:152 Resp: 3340  
Ion Ratio Lower Upper  
152 100  
150 155.3 120.3 180.5  
115 70.1 51.7 77.5



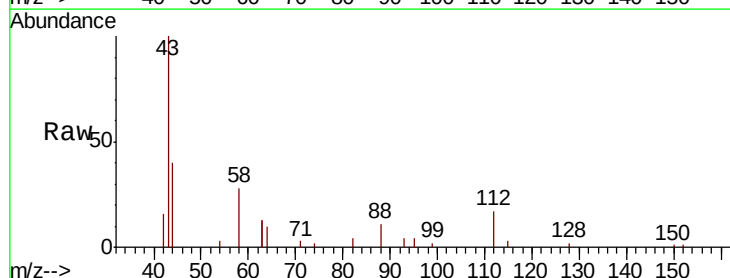
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



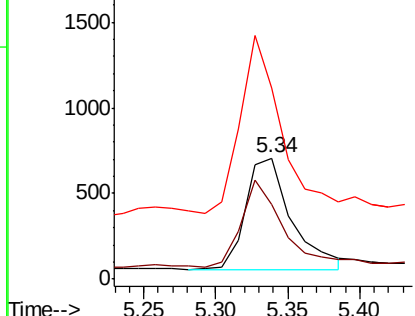
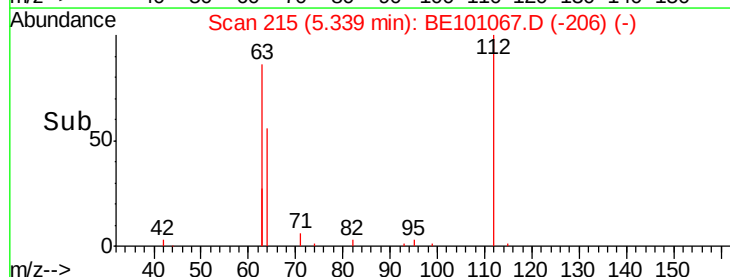
#4

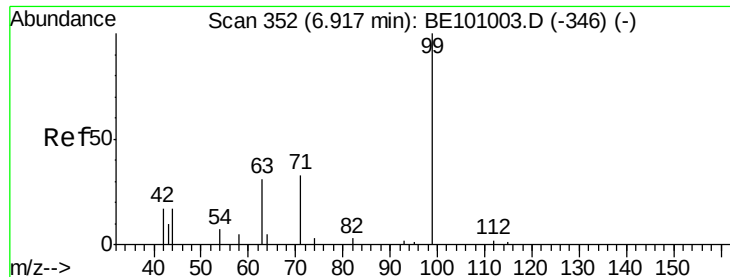
2-Fluorophenol  
Concen: 0.191 ng  
RT: 5.34 min Scan# 215  
Delta R.T. -0.00 min  
Lab File: BE101067.D  
Acq: 15 Jan 2020 20:57

Tgt Ion:112 Resp: 1439  
Ion Ratio Lower Upper  
112 100  
64 67.8 53.6 80.4  
63 142.5 114.6 172.0



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: 0.106 ng

RT: 6.91 min Scan# 351

Delta R.T. -0.01 min

Lab File: BE101067.D

Acq: 15 Jan 2020 20:57

Instrument :

BNA\_E

ClientSampleId :

EQB-01-011020

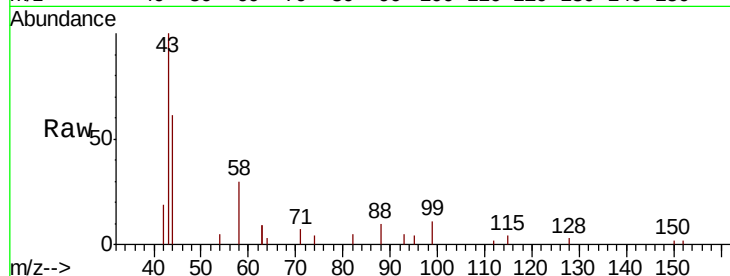
Tot Ion: 99 Resp: 1008

Ion Ratio Lower Upper

99 100

42 31.0 18.3 27.5#

71 0.0 28.0 42.0#

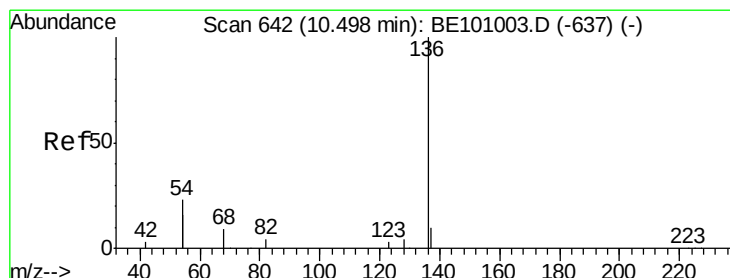
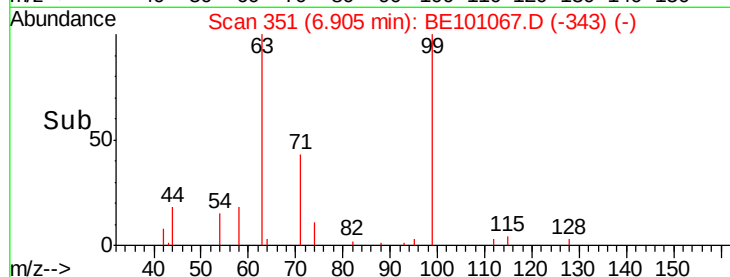
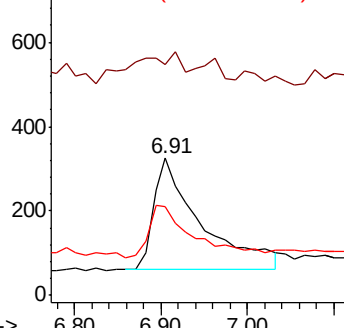


Abundance

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: 10.50 min Scan# 641

Delta R.T. -0.00 min

Lab File: BE101067.D

Acq: 15 Jan 2020 20:57

Tgt Ion: 136 Resp: 13882

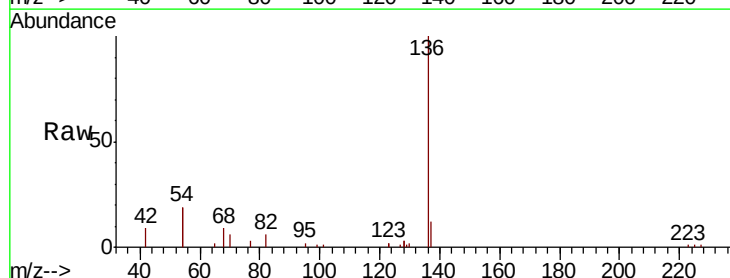
Ion Ratio Lower Upper

136 100

137 11.8 9.3 13.9

54 37.1 36.8 55.2

68 8.7 8.4 12.6



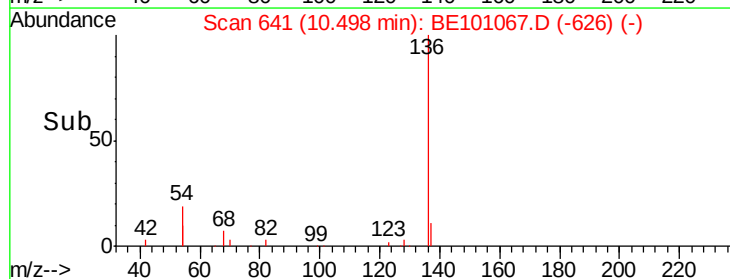
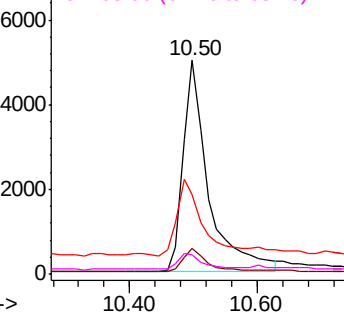
Abundance

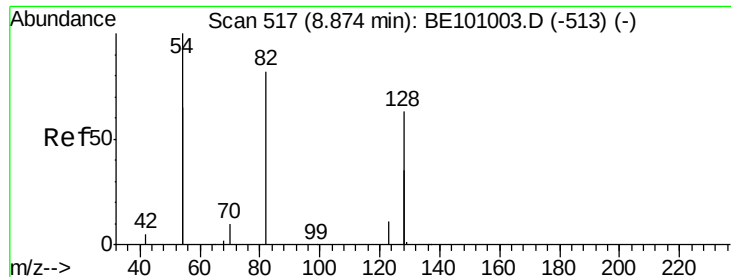
Ion 136.00 (135.70 to 136.70): BE1

Ion 137.00 (136.70 to 137.70): BE1

Ion 54.00 (53.70 to 54.70): BE1

Ion 68.00 (67.70 to 68.70): BE1





#8

Nitrobenzene-d5

Concen: 0.455 ng

RT: 8.87 min Scan# 516

Delta R.T. -0.00 min

Lab File: BE101067.D

Acq: 15 Jan 2020 20:57

Instrument :

BNA\_E

ClientSampleId :

EQB-01-011020

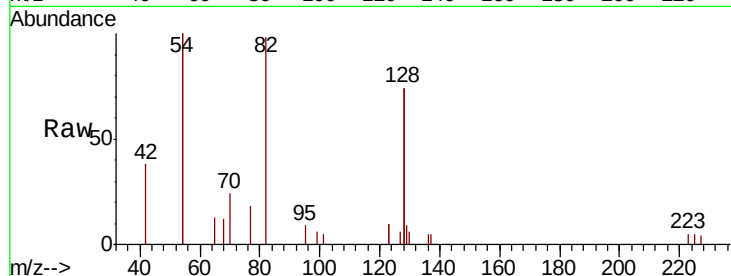
Tot Ion: 82 Resp: 4519

Ion Ratio Lower Upper

82 100

128 150.9 109.8 164.6

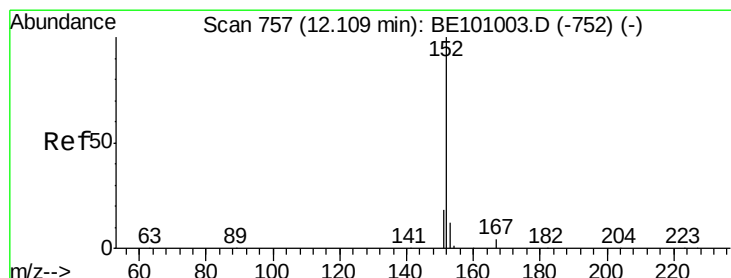
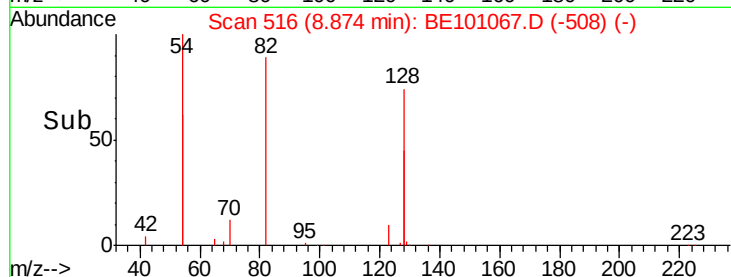
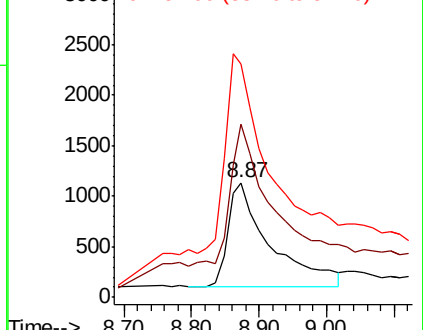
54 203.9 174.5 261.7



Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): BE1

Ion 54.00 (53.70 to 54.70): BE1



#11

2-Methylnaphthalene-d10

Concen: 0.319 ng

RT: 12.09 min Scan# 755

Delta R.T. -0.01 min

Lab File: BE101067.D

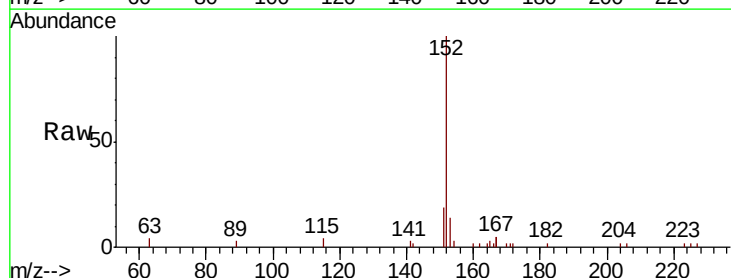
Acq: 15 Jan 2020 20:57

Tgt Ion: 152 Resp: 8443

Ion Ratio Lower Upper

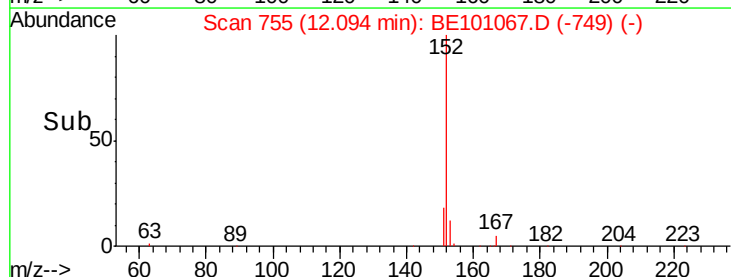
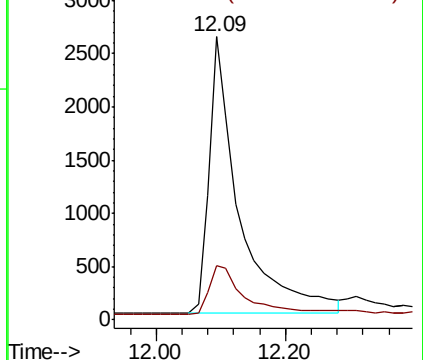
152 100

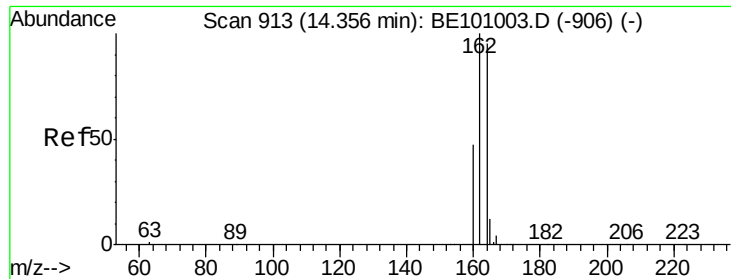
151 20.7 15.0 22.6



Abundance Ion 152.00 (151.70 to 152.70): BE1

Ion 151.00 (150.70 to 151.70): BE1

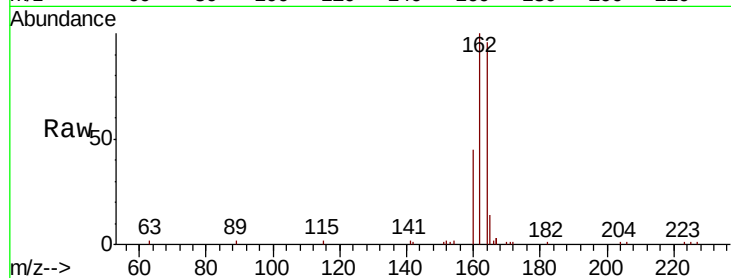




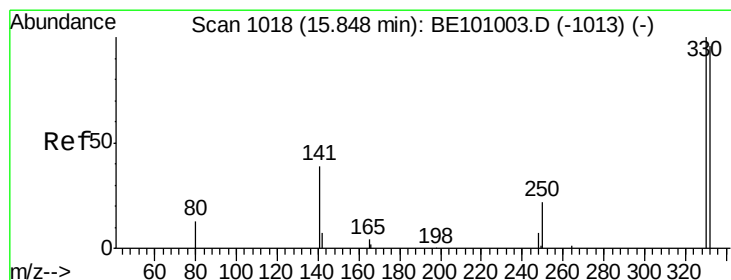
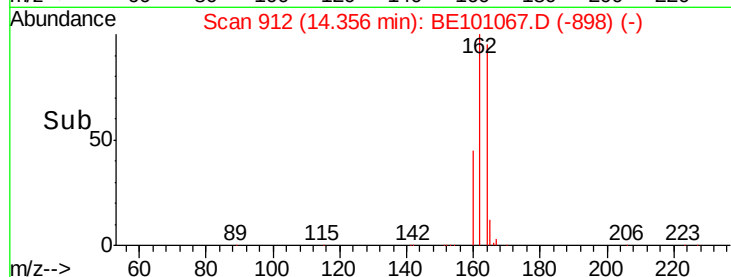
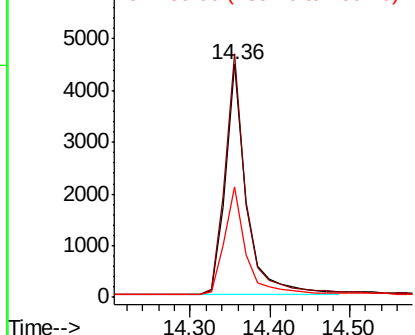
#13  
 Acenaphthene-d10  
 Concen: 0.400 ng  
 RT: 14.36 min Scan# 912  
 Delta R.T. -0.00 min  
 Lab File: BE101067.D  
 Acq: 15 Jan 2020 20:57

Instrument :  
 BNA\_E  
 ClientSampleId :  
 EQB-01-011020

Tot Ion:164 Resp: 8179  
 Ion Ratio Lower Upper  
 164 100  
 162 104.4 84.1 126.1  
 160 47.4 40.4 60.6

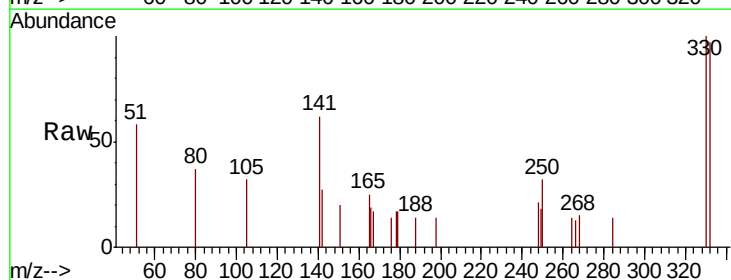


Abundance Ion 164.00 (163.70 to 164.70): E  
 Ion 162.00 (161.70 to 162.70): E  
 Ion 160.00 (159.70 to 160.70): E

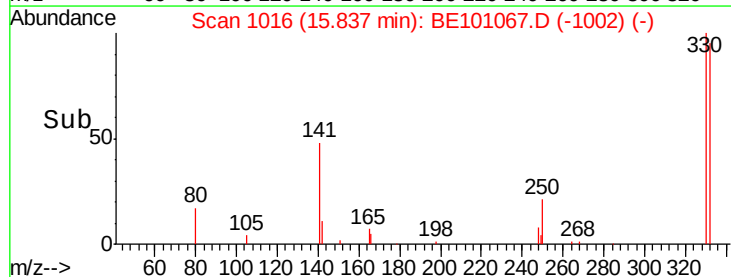
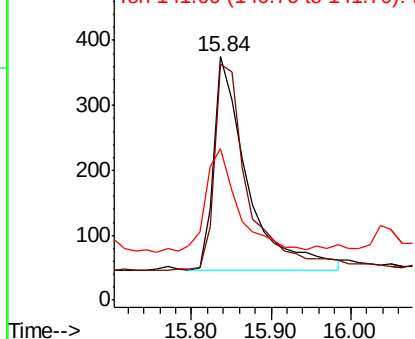


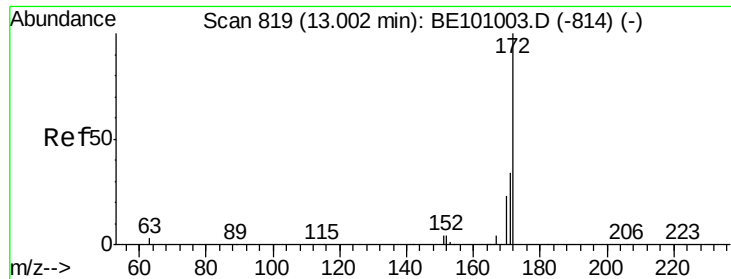
#14  
 2,4,6-Tribromophenol  
 Concen: 0.414 ng  
 RT: 15.84 min Scan# 1016  
 Delta R.T. -0.01 min  
 Lab File: BE101067.D  
 Acq: 15 Jan 2020 20:57

Tgt Ion:330 Resp: 955  
 Ion Ratio Lower Upper  
 330 100  
 332 99.0 78.4 117.6  
 141 48.5 37.0 55.4



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

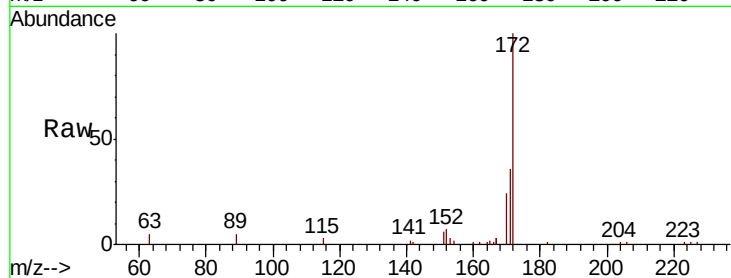




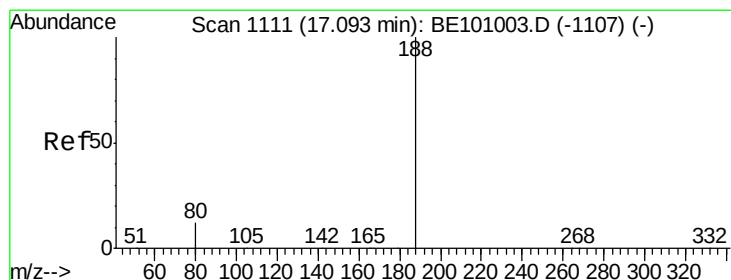
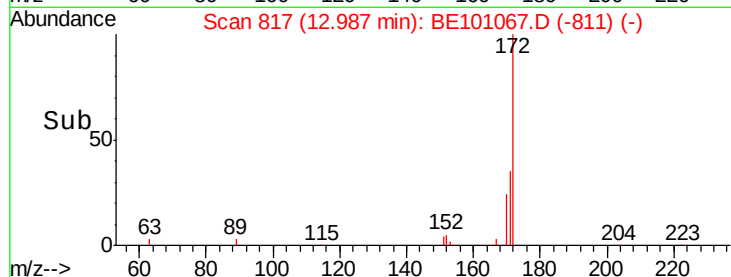
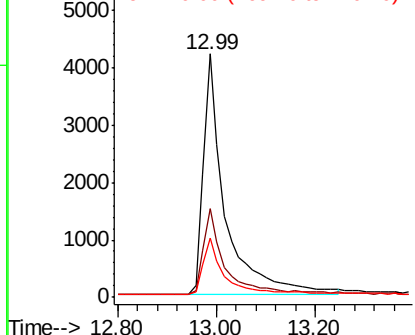
#15  
2-Fluorobiphenyl  
Concen: 0.416 ng  
RT: 12.99 min Scan# 817  
Delta R.T. -0.01 min  
Lab File: BE101067.D  
Acq: 15 Jan 2020 20:57

Instrument :  
BNA\_E  
ClientSampleId :  
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Tot Ion:172 Resp: 12934  
Ion Ratio Lower Upper  
172 100  
171 36.2 28.2 42.2  
170 24.5 18.9 28.3

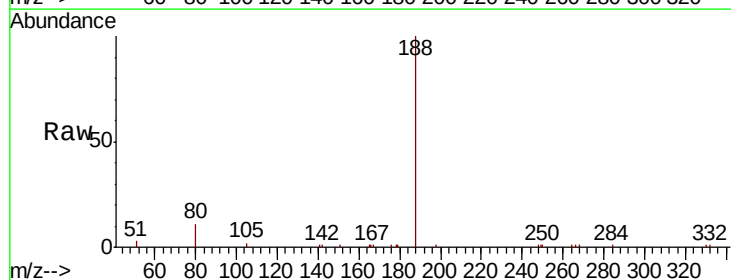


Abundance Ion 172.00 (171.70 to 172.70): E  
Ion 171.00 (170.70 to 171.70): E  
Ion 170.00 (169.70 to 170.70): E

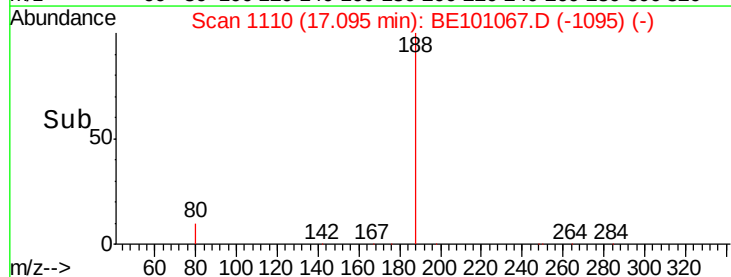
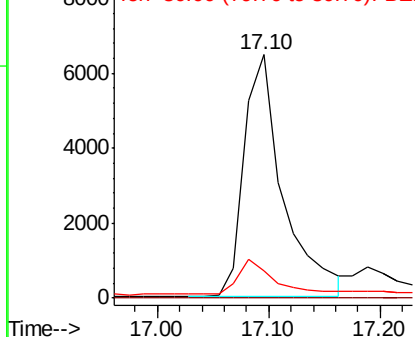


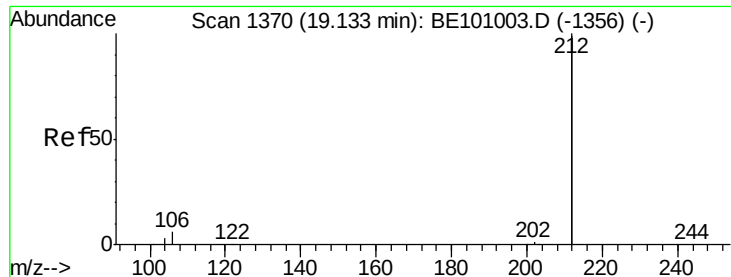
#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.10 min Scan# 1110  
Delta R.T. 0.00 min  
Lab File: BE101067.D  
Acq: 15 Jan 2020 20:57

Tgt Ion:188 Resp: 15649  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 11.3 10.8 16.2



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: 19.12 min Scan# 1367

Delta R.T. -0.01 min

Lab File: BE101067.D

Acq: 15 Jan 2020 20:57

Instrument :

BNA\_E

ClientSampleId :

EQB-01-011020

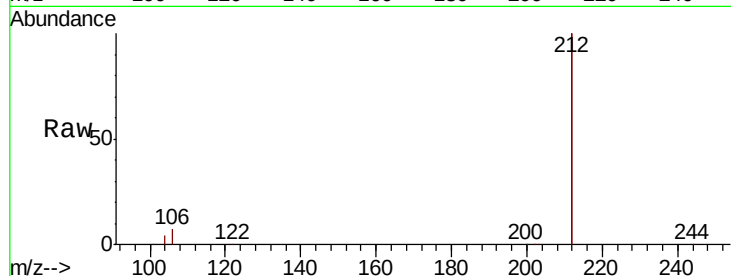
Tot Ion:212 Resp: 93970

Ion Ratio Lower Upper

212 100

106 3.4 2.6 3.8

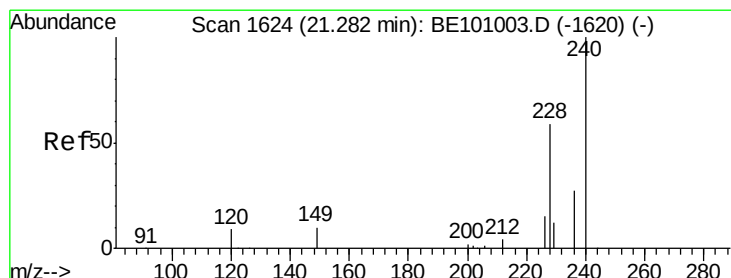
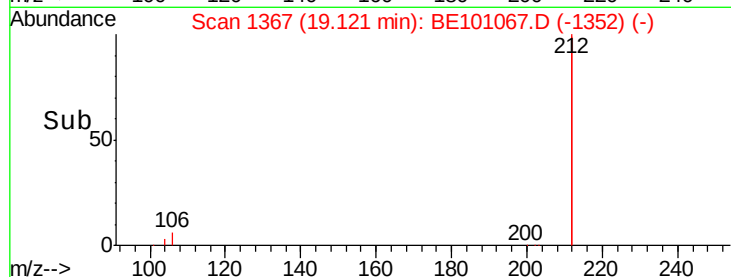
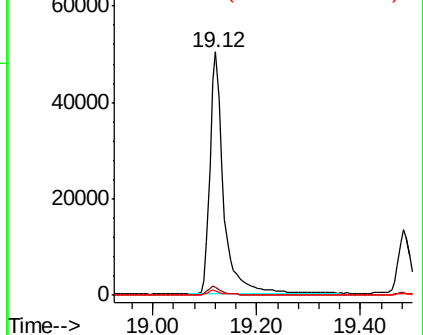
104 2.0 1.4 2.0#



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: 21.27 min Scan# 1622

Delta R.T. -0.01 min

Lab File: BE101067.D

Acq: 15 Jan 2020 20:57

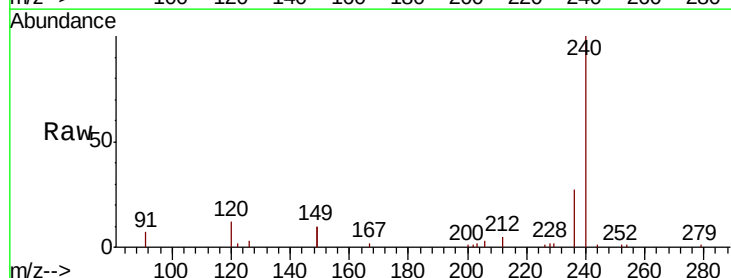
Tgt Ion:240 Resp: 17443

Ion Ratio Lower Upper

240 100

120 11.8 8.6 13.0

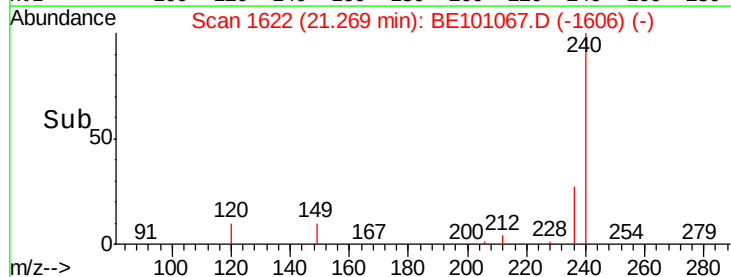
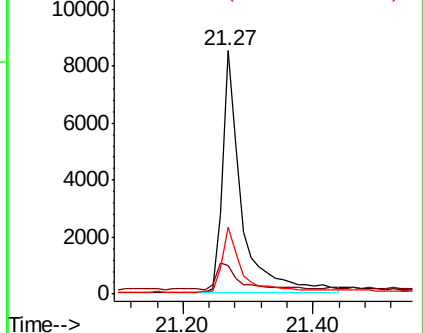
236 27.5 22.2 33.4



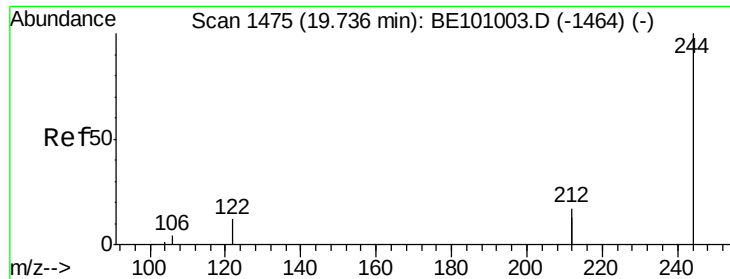
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E







#29

Terphenyl-d14

Concen: 0.420 ng

RT: 19.72 min Scan# 1472

Delta R.T. -0.01 min

Lab File: BE101067.D

Acq: 15 Jan 2020 20:57

Instrument :

BNA\_E

ClientSampleId :

EQB-01-011020

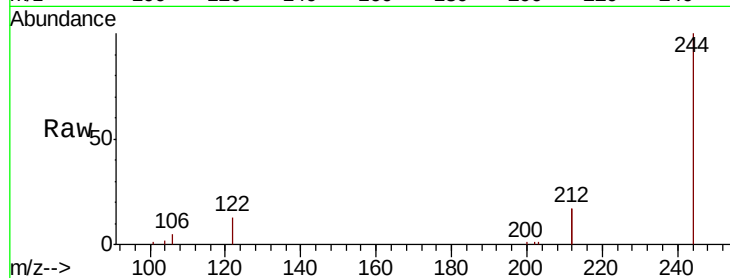
Tot Ion:244 Resp: 17973

Ion Ratio Lower Upper

244 100

212 33.6 27.2 40.8

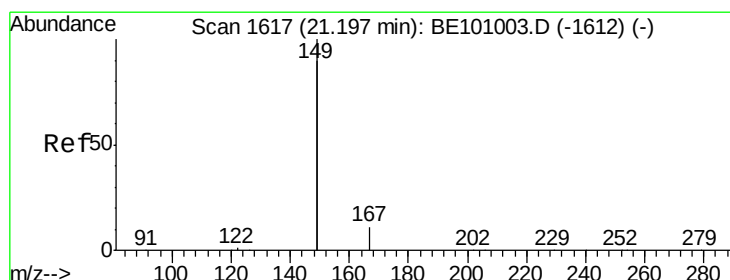
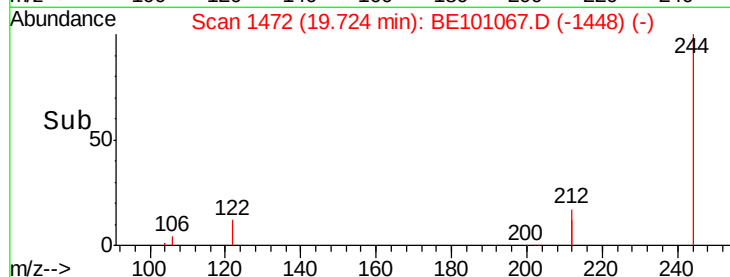
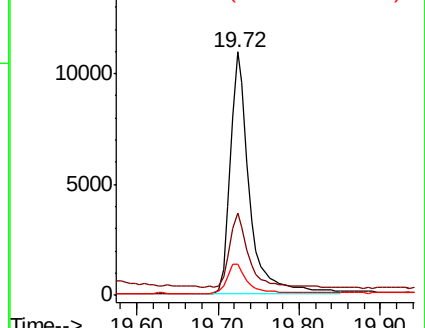
122 12.8 9.8 14.8



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: 0.358 ng

RT: 21.20 min Scan# 1616

Delta R.T. -0.00 min

Lab File: BE101067.D

Acq: 15 Jan 2020 20:57

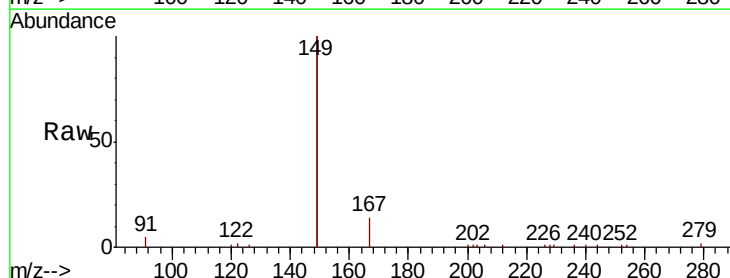
Tgt Ion:149 Resp: 29719

Ion Ratio Lower Upper

149 100

167 6.2 5.2 7.8

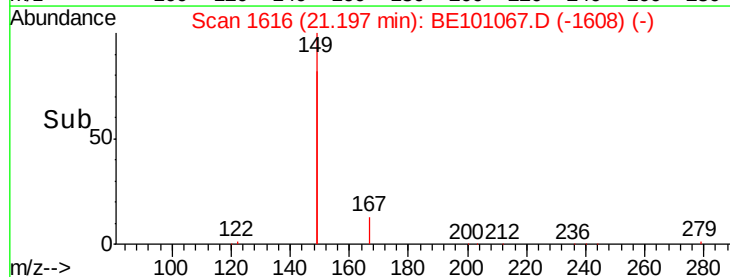
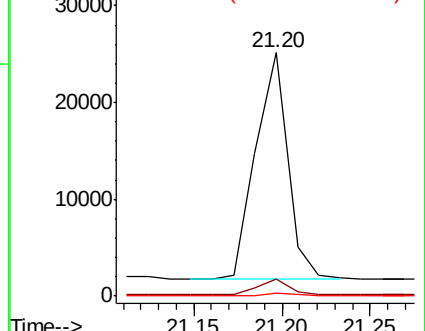
279 0.8 0.8 1.2

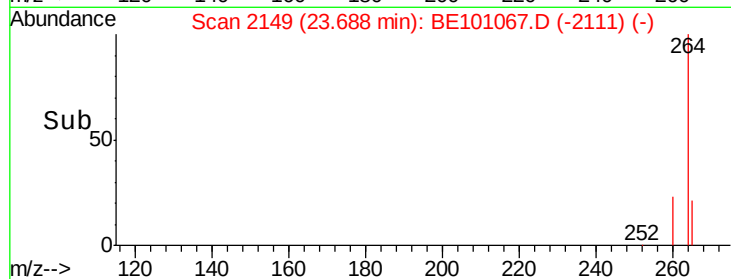
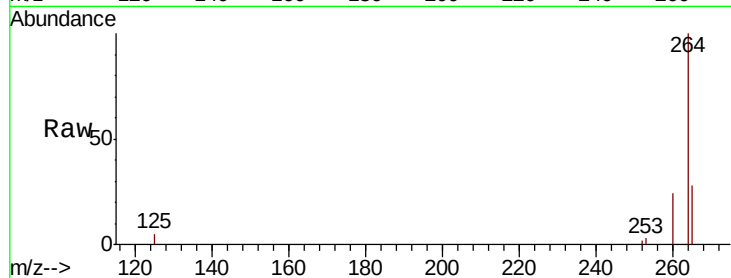
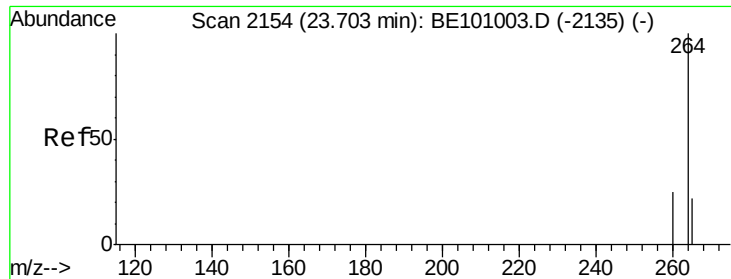


Abundance Ion 149.00 (148.70 to 149.70): E

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: 23.69 min Scan# 2149

Delta R.T. -0.01 min

Lab File: BE101067.D

Acq: 15 Jan 2020 20:57

Instrument :

BNA\_E

ClientSampleId :

EQB-01-011020

Tot Ion:264 Resp: 22041

Ion Ratio Lower Upper

264 100

260 23.5 20.3 30.5

265 28.0 27.0 40.4

