

Data Path : Z:\HPCHEM1\BNA\_E\DATA\BE091117\  
 Data File : BE093974.D  
 Acq On : 11 Sep 2017 22:06  
 Operator : SJ/JU  
 Sample : I5147-02  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 KY038PS027-170906

Quant Time: Sep 12 08:30:54 2017  
 Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\8270-SIM-BE090517.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Sep 05 13:34:56 2017  
 Response via : Initial Calibration

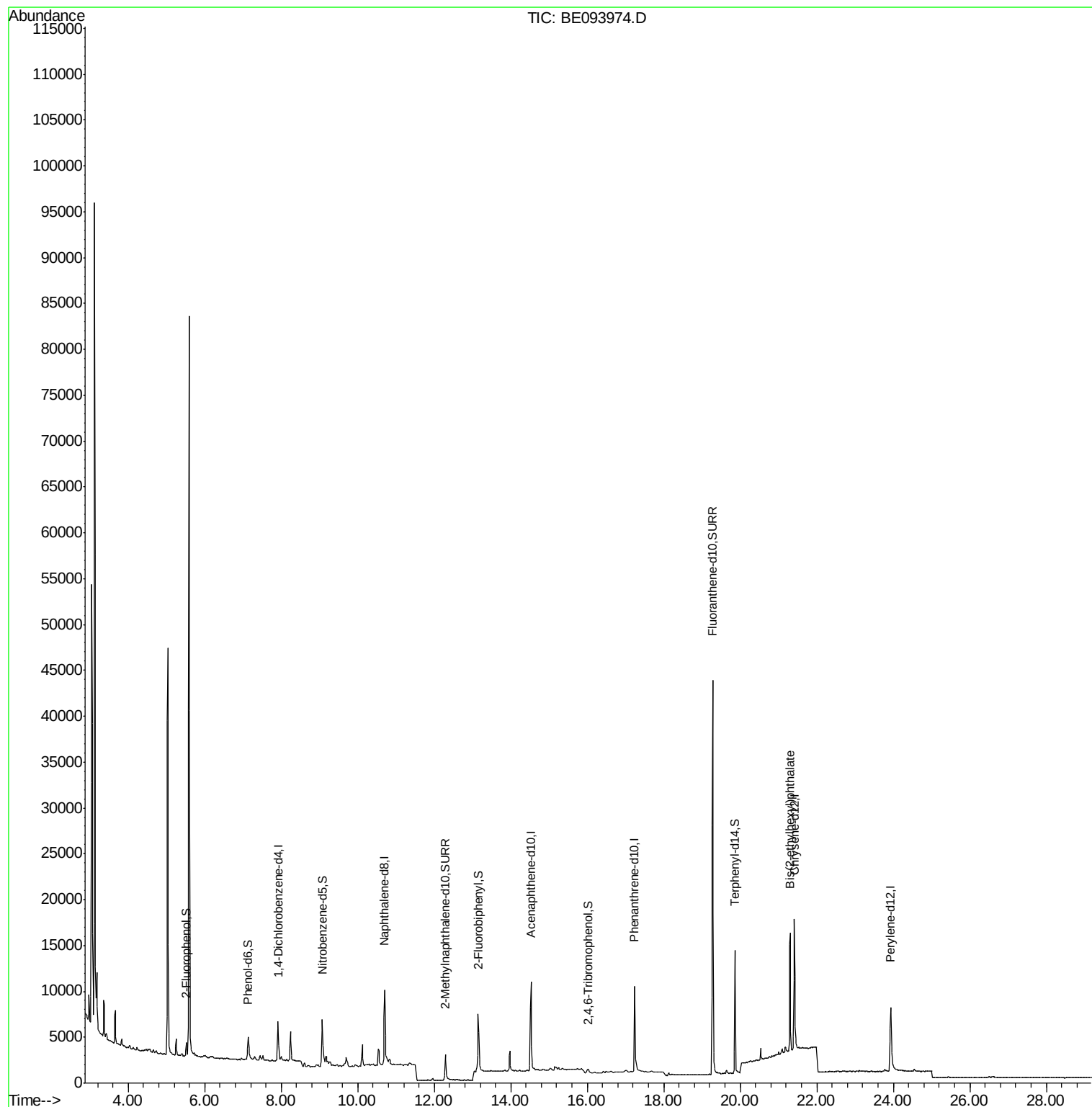
| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4      | 7.92  | 152  | 2343     | 0.40  | ng    | 0.00     |
| 7) Naphthalene-d8              | 10.71 | 136  | 11568    | 0.40  | ng    | 0.00     |
| 13) Acenaphthene-d10           | 14.53 | 164  | 7174     | 0.40  | ng    | 0.00     |
| 19) Phenanthrene-d10           | 17.24 | 188  | 17013    | 0.40  | ng    | -0.03    |
| 27) Chrysene-d12               | 21.42 | 240  | 17680    | 0.40  | ng    | -0.01    |
| 34) Perylene-d12               | 23.93 | 264  | 14295    | 0.40  | ng    | -0.01    |
| System Monitoring Compounds    |       |      |          |       |       |          |
| 4) 2-Fluorophenol              | 5.52  | 112  | 936      | 0.12  | ng    | -0.01    |
| 5) Phenol-d6                   | 7.12  | 99   | 769      | 0.07  | ng    | 0.00     |
| 8) Nitrobenzene-d5             | 9.08  | 82   | 2988     | 0.31  | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10    | 12.29 | 152  | 5413     | 0.29  | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol       | 16.03 | 330  | 553      | 0.25  | ng    | 0.00     |
| 15) 2-Fluorobiphenyl           | 13.15 | 172  | 7954     | 0.28  | ng    | -0.01    |
| 25) Fluoranthene-d10           | 19.27 | 212  | 62757    | 0.25  | ng    | 0.00     |
| 29) Terphenyl-d14              | 19.86 | 244  | 12666    | 0.39  | ng    | -0.02    |
| Target Compounds               |       |      |          |       |       | Qvalue   |
| 32) Bis(2-ethylhexyl)phthalate | 21.30 | 149  | 18046    | 0.137 | ng    | 100      |

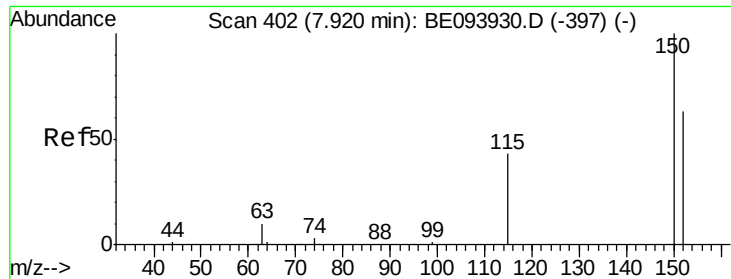
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\8270-SIM-BE090517.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Sep 05 13:34:56 2017  
Response via : Initial Calibration



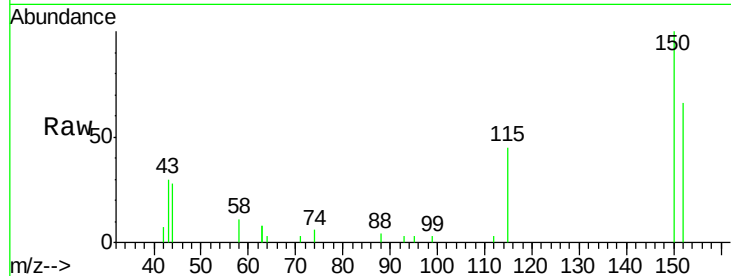


#1

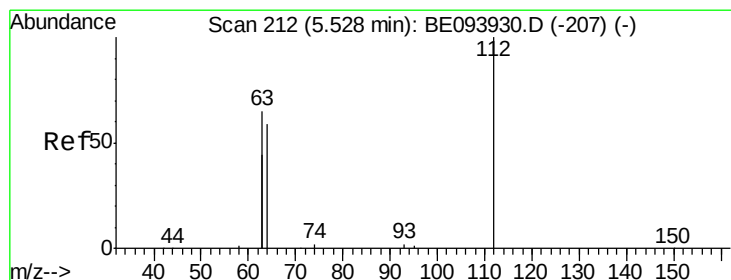
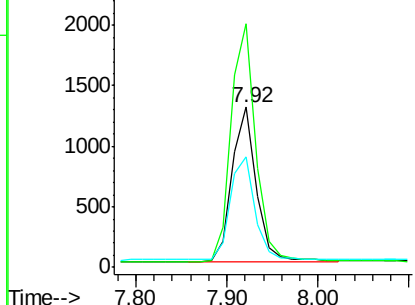
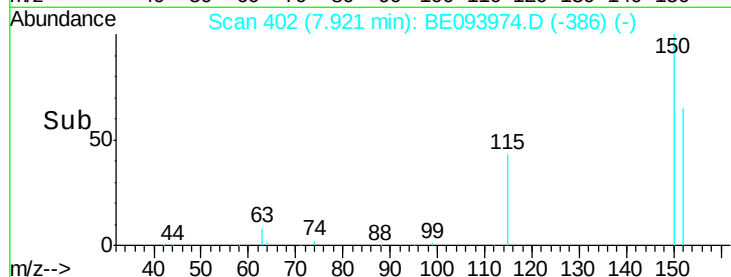
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.92 min Scan# 402  
Delta R.T. 0.00 min  
Lab File: BE093974.D  
Acq: 11 Sep 2017 22:06

Instrument :  
BNA\_E  
ClientSampleId :  
KY038PS027-170906

Tgt Ion:152 Resp: 2343  
Ion Ratio Lower Upper  
152 100  
150 152.1 121.8 182.6  
115 68.9 52.6 79.0



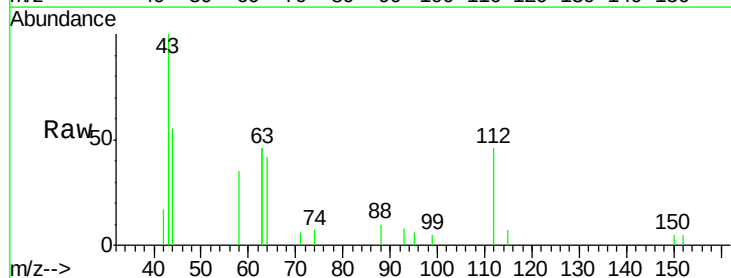
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



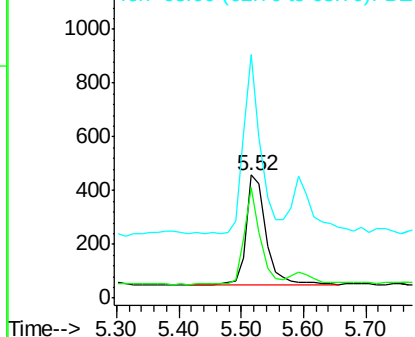
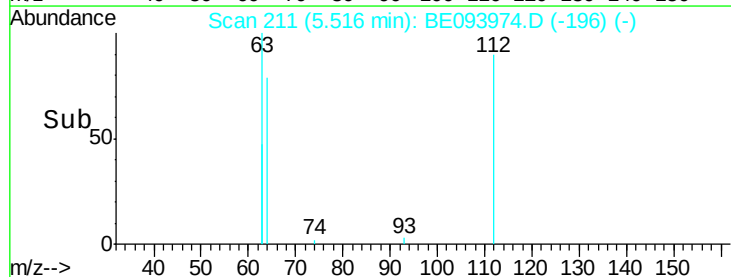
#4

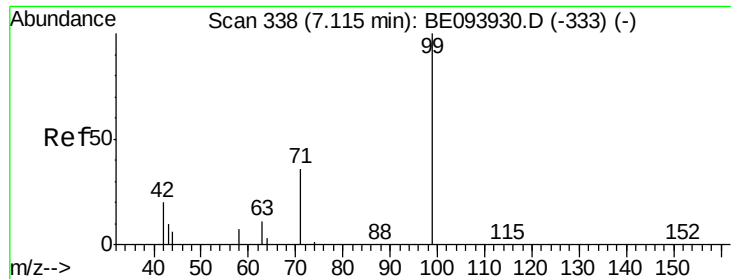
2-Fluorophenol  
Concen: 0.123 ng  
RT: 5.52 min Scan# 211  
Delta R.T. -0.01 min  
Lab File: BE093974.D  
Acq: 11 Sep 2017 22:06

Tgt Ion:112 Resp: 936  
Ion Ratio Lower Upper  
112 100  
64 67.6 57.7 86.5  
63 132.4 116.0 174.0



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: 0.068 ng

RT: 7.12 min Scan# 338

Delta R.T. 0.00 min

Lab File: BE093974.D

Acq: 11 Sep 2017 22:06

Instrument :

BNA\_E

ClientSampleId :

KY038PS027-170906

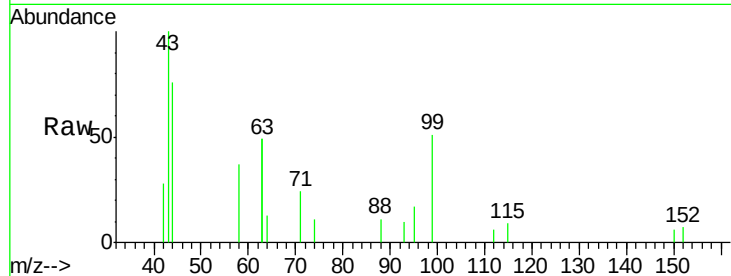
Tgt Ion: 99 Resp: 769

Ion Ratio Lower Upper

99 100

42 39.0 17.1 25.7#

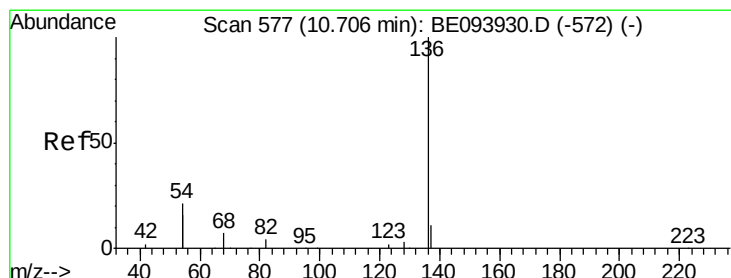
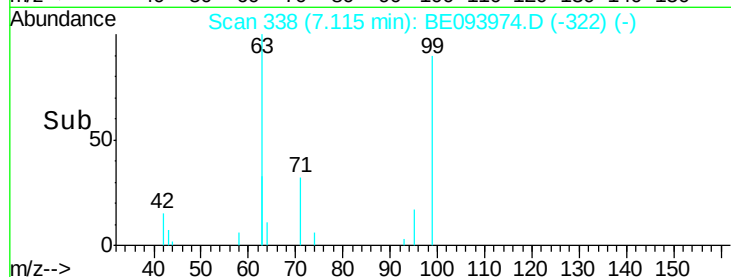
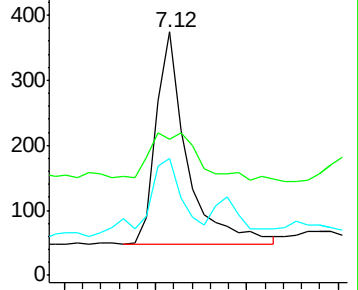
71 42.1 26.6 39.8#



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: 10.71 min Scan# 577

Delta R.T. 0.00 min

Lab File: BE093974.D

Acq: 11 Sep 2017 22:06

Tgt Ion: 136 Resp: 11568

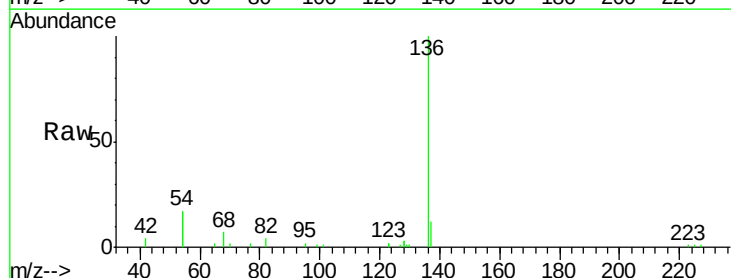
Ion Ratio Lower Upper

136 100

137 11.5 9.2 13.8

54 34.3 21.9 32.9#

68 7.3 4.6 7.0#

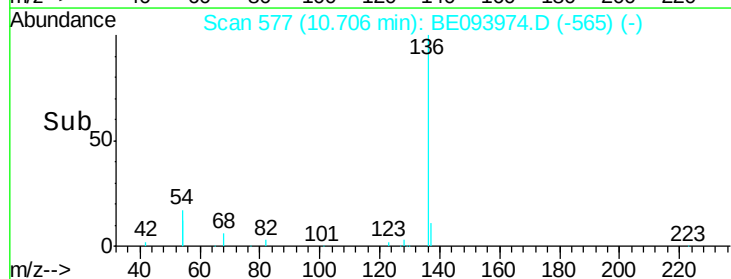
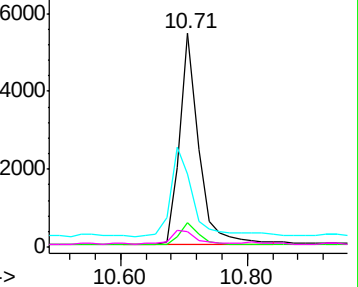


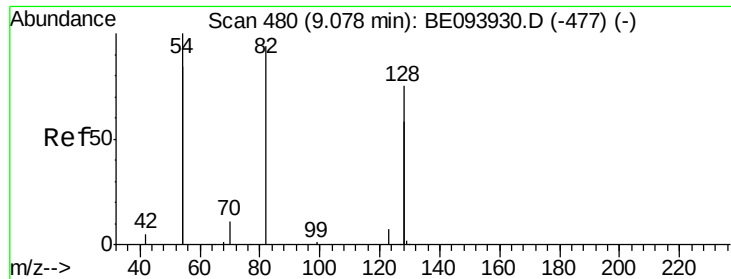
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.305 ng

RT: 9.08 min Scan# 480

Delta R.T. 0.00 min

Lab File: BE093974.D

Acq: 11 Sep 2017 22:06

Instrument :

BNA\_E

ClientSampleId :

KY038PS027-170906

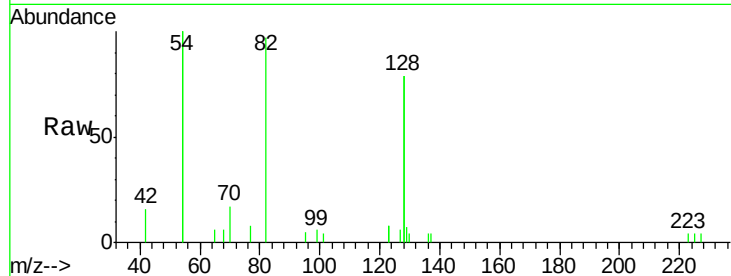
Tgt Ion: 82 Resp: 2988

Ion Ratio Lower Upper

82 100

128 161.8 91.4 137.0#

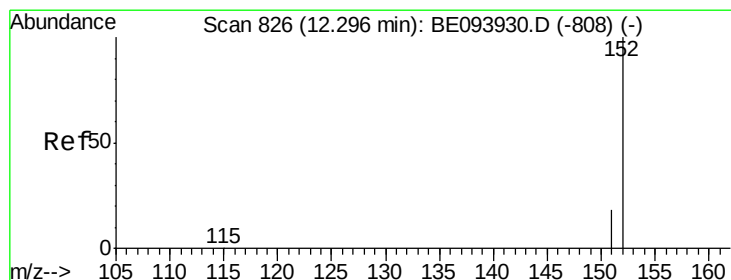
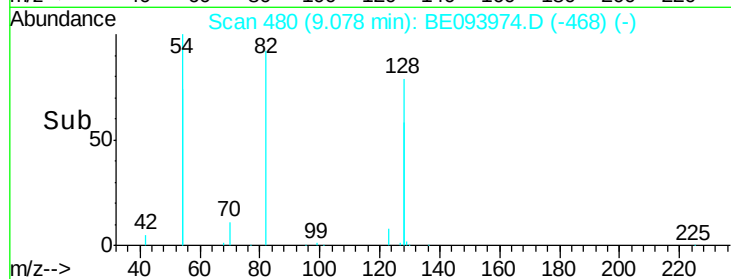
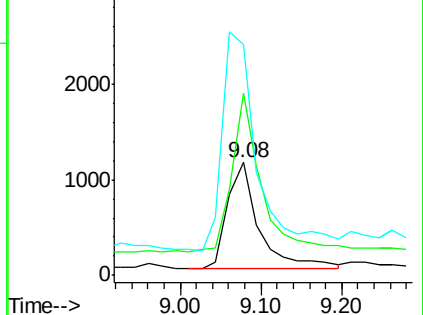
54 205.6 197.8 296.8



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: 0.292 ng

RT: 12.29 min Scan# 825

Delta R.T. -0.00 min

Lab File: BE093974.D

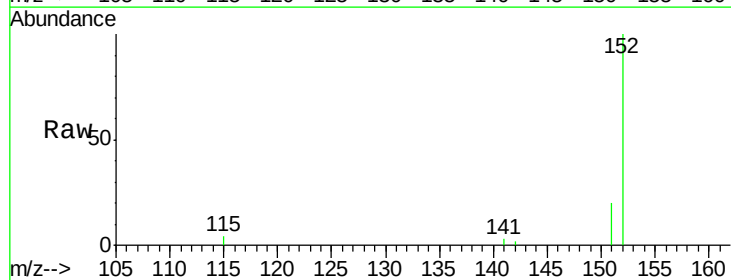
Acq: 11 Sep 2017 22:06

Tgt Ion: 152 Resp: 5413

Ion Ratio Lower Upper

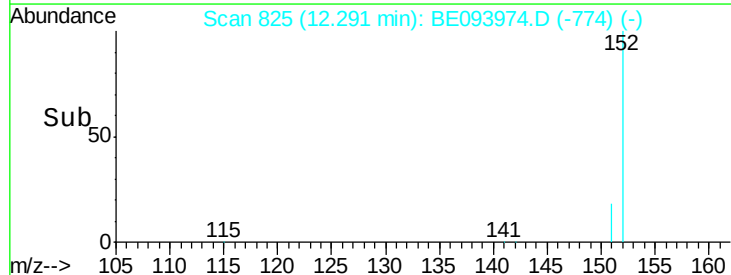
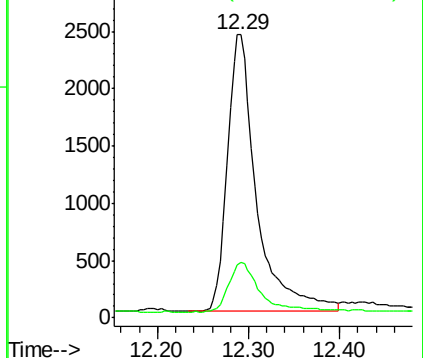
152 100

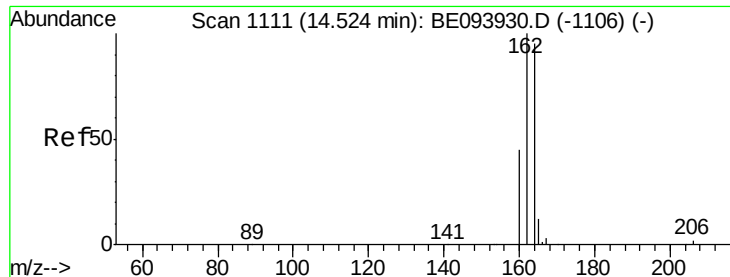
151 18.1 15.4 23.0



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: 14.53 min Scan# 1112

Delta R.T. 0.00 min

Lab File: BE093974.D

Acq: 11 Sep 2017 22:06

Instrument :

BNA\_E

ClientSampleId :

KY038PS027-170906

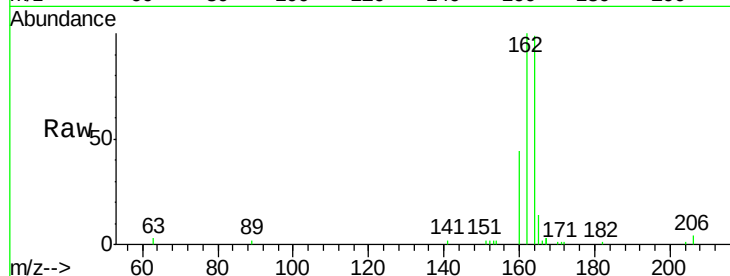
Tgt Ion:164 Resp: 7174

Ion Ratio Lower Upper

164 100

162 101.4 80.8 121.2

160 44.6 37.0 55.4

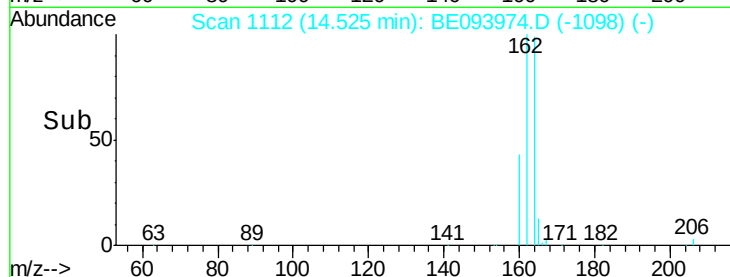


Abundance Ion 164.00 (163.70 to 164.70): E

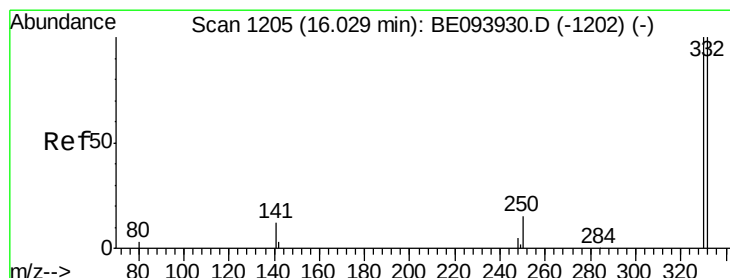
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

Time-->



Time-->



#14

2,4,6-Tribromophenol

Concen: 0.249 ng

RT: 16.03 min Scan# 1206

Delta R.T. 0.00 min

Lab File: BE093974.D

Acq: 11 Sep 2017 22:06

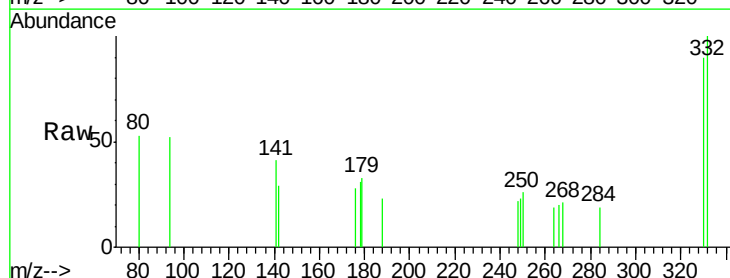
Tgt Ion:330 Resp: 553

Ion Ratio Lower Upper

330 100

332 99.5 76.9 115.3

141 0.0 0.0 0.0

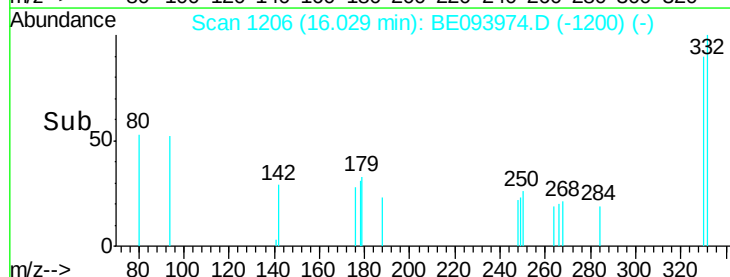


Abundance Ion 330.00 (329.70 to 330.70): E

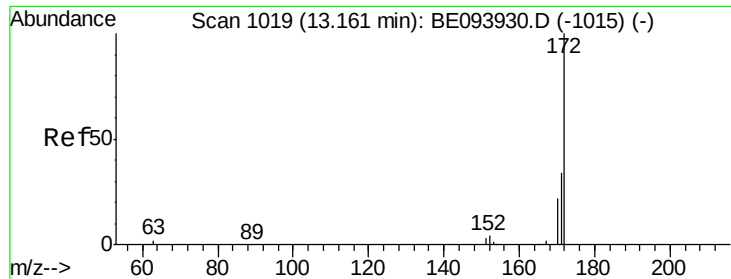
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

Time-->



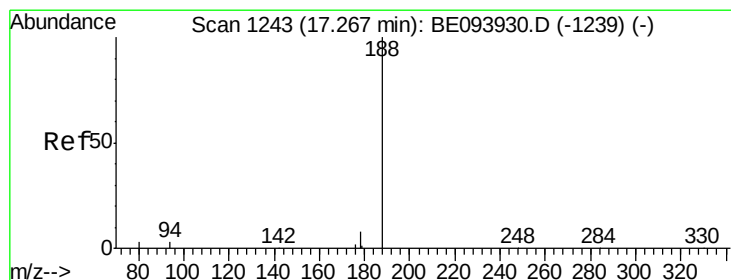
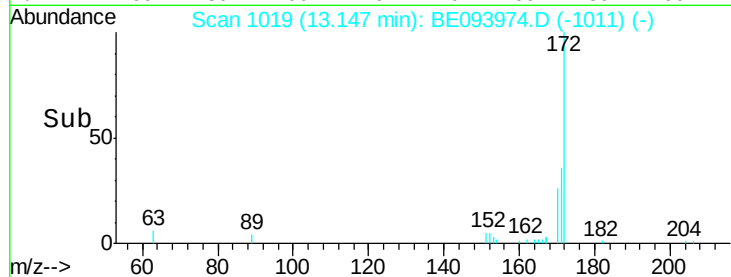
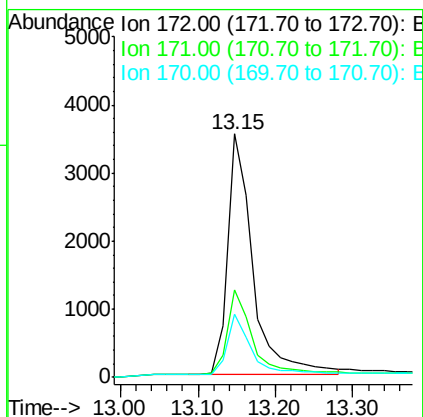
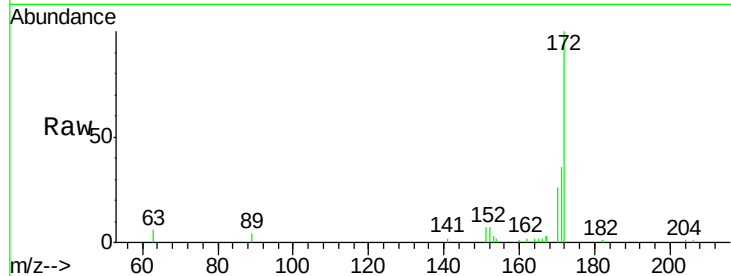
Time-->



#15  
2-Fluorobiphenyl  
Concen: 0.280 ng  
RT: 13.15 min Scan# 1019  
Delta R.T. -0.01 min  
Lab File: BE093974.D  
Acq: 11 Sep 2017 22:06

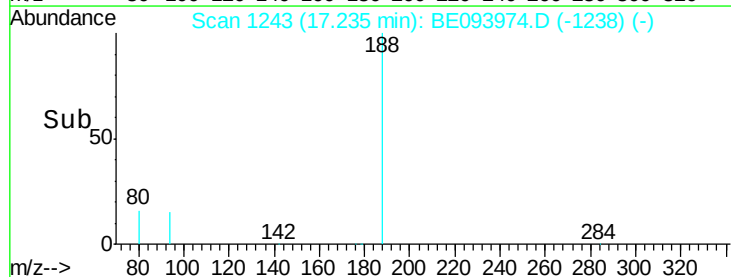
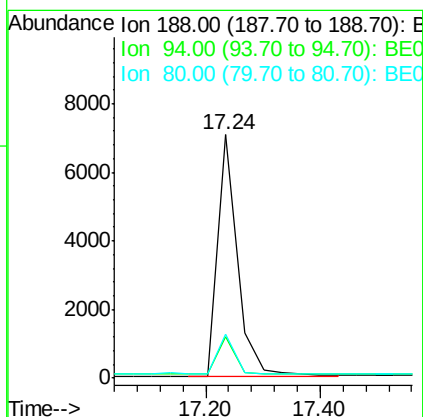
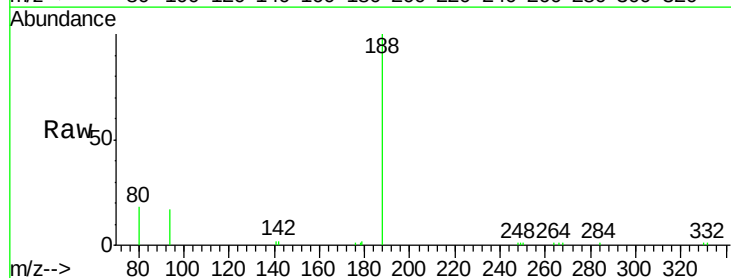
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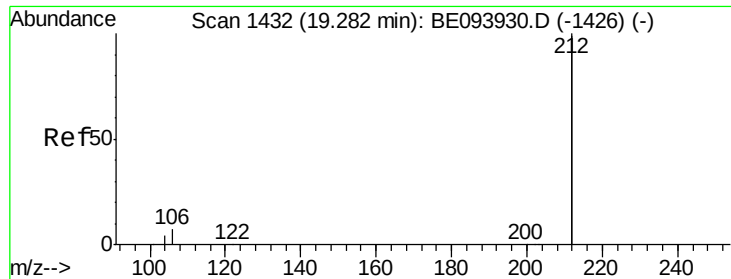
Tgt Ion:172 Resp: 7954  
Ion Ratio Lower Upper  
172 100  
171 36.1 26.9 40.3  
170 25.7 17.3 25.9



#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.24 min Scan# 1243  
Delta R.T. -0.03 min  
Lab File: BE093974.D  
Acq: 11 Sep 2017 22:06

Tgt Ion:188 Resp: 17013  
Ion Ratio Lower Upper  
188 100  
94 17.0 16.1 24.1  
80 17.9 18.2 27.2#

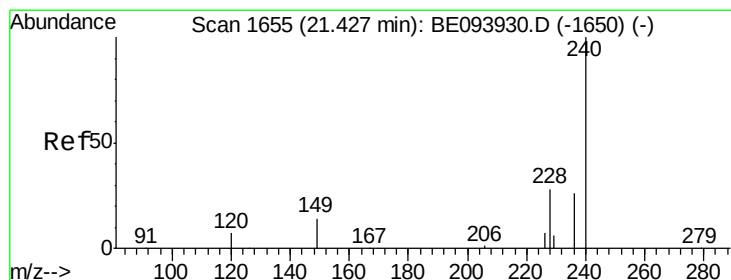
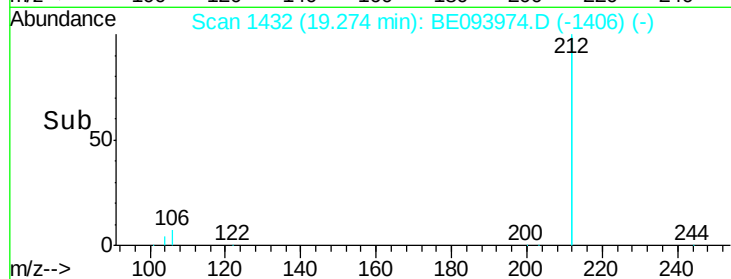
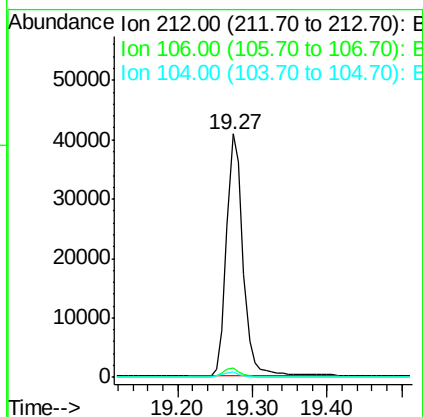
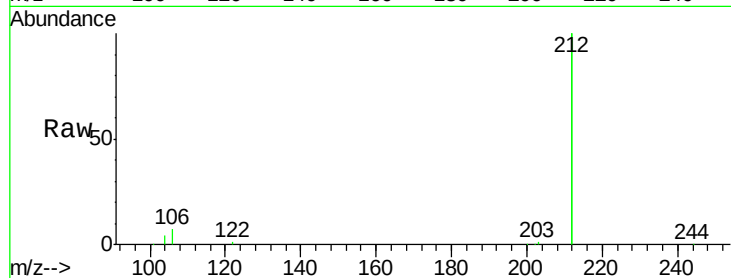




#25  
 Fluoranthene-d10  
 Concen: 0.248 ng  
 RT: 19.27 min Scan# 1432  
 Delta R.T. -0.01 min  
 Lab File: BE093974.D  
 Acq: 11 Sep 2017 22:06

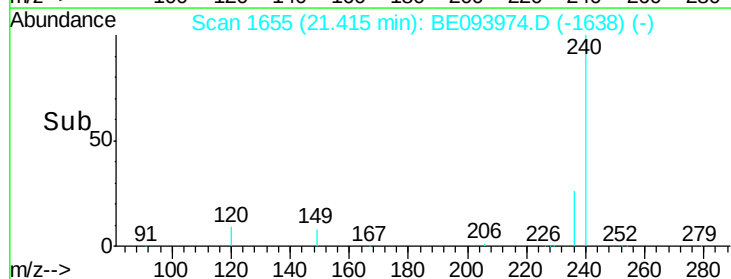
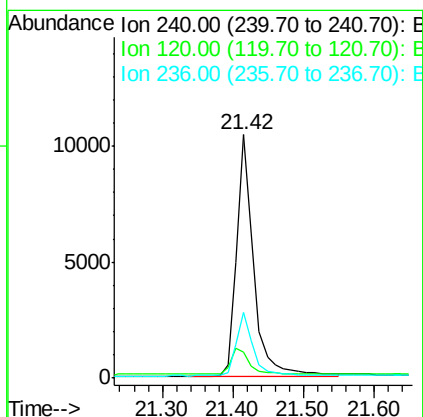
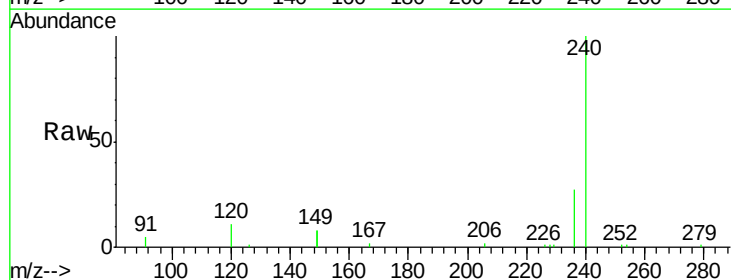
Instrument :  
 BNA\_E  
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 KY038PS027-170906

Tgt Ion:212 Resp: 62757  
 Ion Ratio Lower Upper  
 212 100  
 106 3.5 2.7 4.1  
 104 2.0 1.6 2.4

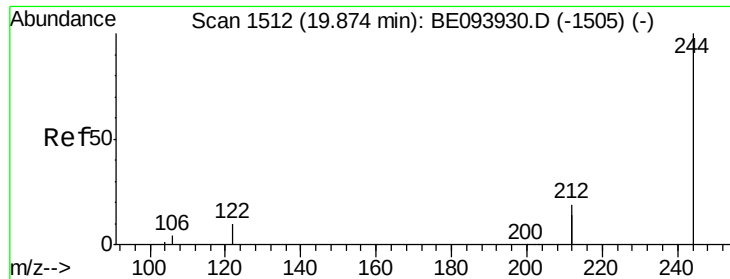


#27  
 Chrysene-d12  
 Concen: 0.400 ng  
 RT: 21.42 min Scan# 1655  
 Delta R.T. -0.01 min  
 Lab File: BE093974.D  
 Acq: 11 Sep 2017 22:06

Tgt Ion:240 Resp: 17680  
 Ion Ratio Lower Upper  
 240 100  
 120 10.7 8.7 13.1  
 236 26.7 21.3 31.9







#29

Terphenyl-d14

Concen: 0.389 ng

RT: 19.86 min Scan# 1511

Delta R.T. -0.02 min

Lab File: BE093974.D

Acq: 11 Sep 2017 22:06

Instrument :

BNA\_E

ClientSampleId :

KY038PS027-170906

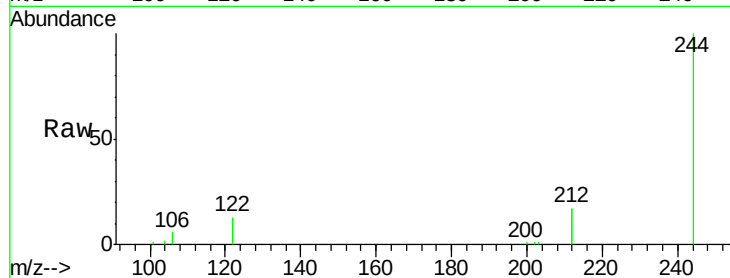
Tgt Ion:244 Resp: 12666

Ion Ratio Lower Upper

244 100

212 34.9 28.3 42.5

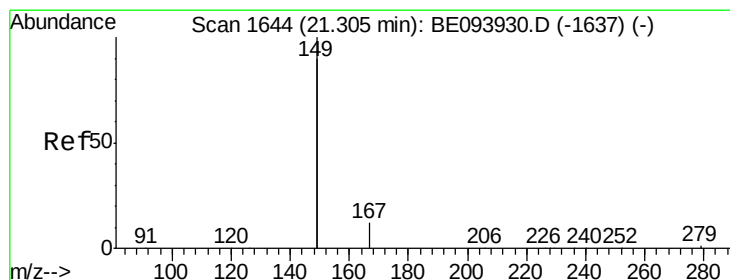
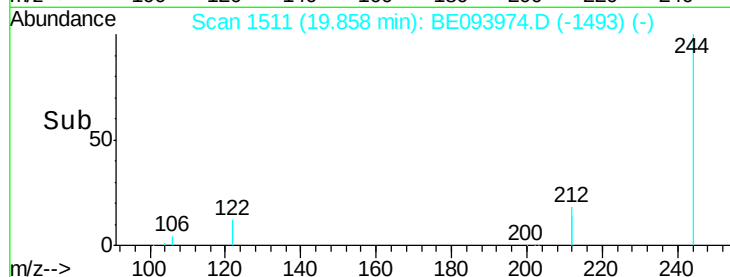
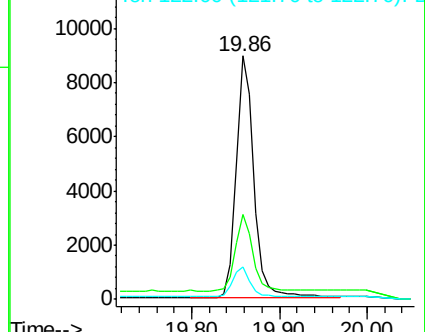
122 13.3 9.4 14.0



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: 0.137 ng

RT: 21.30 min Scan# 1645

Delta R.T. -0.00 min

Lab File: BE093974.D

Acq: 11 Sep 2017 22:06

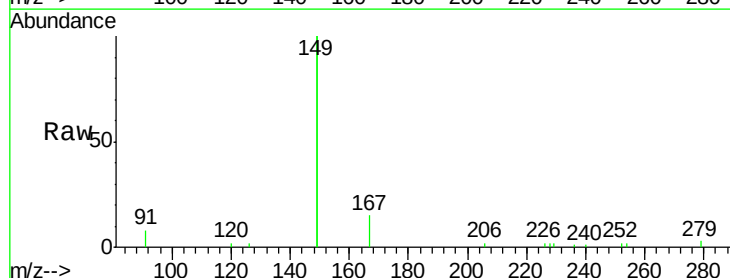
Tgt Ion:149 Resp: 18046

Ion Ratio Lower Upper

149 100

167 6.6 5.4 8.0

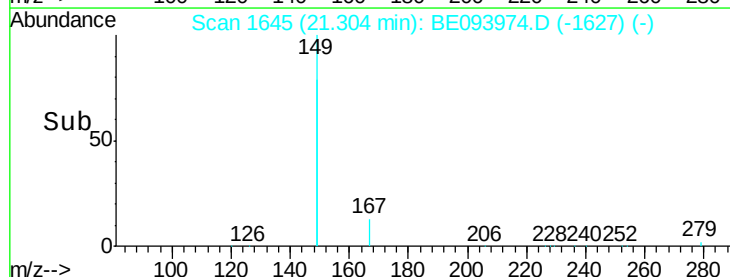
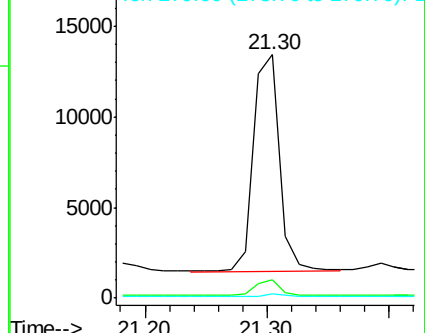
279 0.9 0.7 1.1

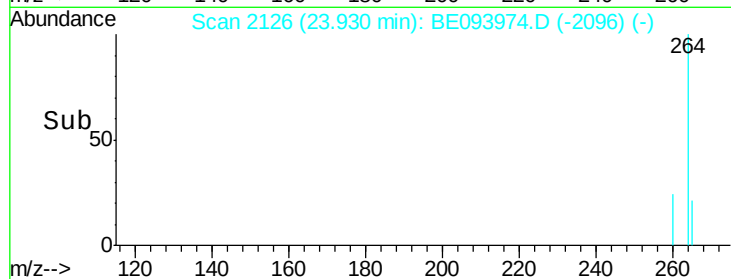
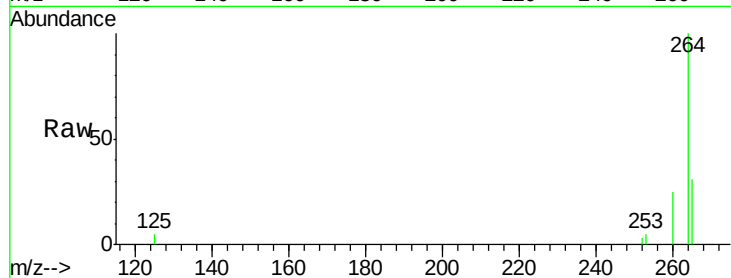
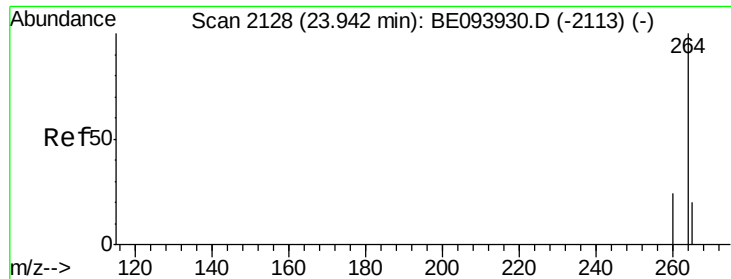


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34

Perylene-d12

Concen: 0.400 ng

RT: 23.93 min Scan# 2126

Delta R.T. -0.01 min

Lab File: BE093974.D

Acq: 11 Sep 2017 22:06

Instrument :

BNA\_E

ClientSampleId :

KY038PS027-170906

Tgt Ion: 264 Resp: 14295

Ion Ratio Lower Upper

264 100

260 24.9 20.0 30.0

265 30.9 24.0 36.0

