

Data Path : Z:\HPCHEM1\BNA\_E\DATA\BE090117\  
 Data File : BE093908.D  
 Acq On : 1 Sep 2017 18:48  
 Operator : SJ/JU  
 Sample : I4963-04  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 3823-PP4

Quant Time: Sep 02 02:08:21 2017  
 Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\8270-SIM-BE082617.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Sep 01 16:31:36 2017  
 Response via : Initial Calibration

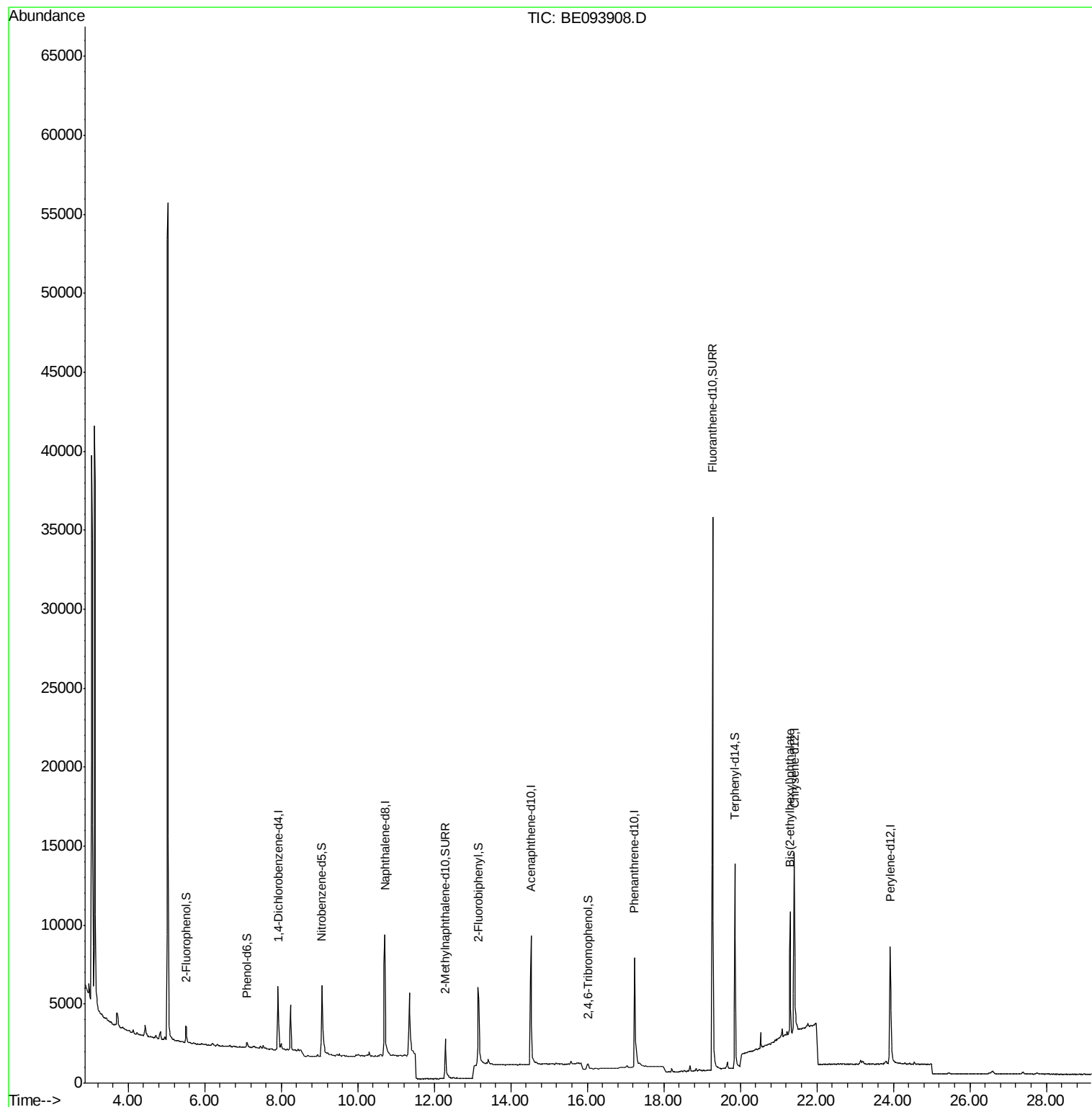
| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min)       |
|--------------------------------|-------|------|----------|-------|-------|----------------|
| 1) 1,4-Dichlorobenzene-d4      | 7.92  | 152  | 2209     | 0.40  | ng    | 0.00           |
| 7) Naphthalene-d8              | 10.71 | 136  | 10984    | 0.40  | ng    | 0.00           |
| 13) Acenaphthene-d10           | 14.53 | 164  | 6106     | 0.40  | ng    | 0.00           |
| 19) Phenanthrene-d10           | 17.24 | 188  | 13244    | 0.40  | ng    | 0.00           |
| 27) Chrysene-d12               | 21.41 | 240  | 15407    | 0.40  | ng    | 0.00           |
| 34) Perylene-d12               | 23.92 | 264  | 13318    | 0.40  | ng    | 0.00           |
| System Monitoring Compounds    |       |      |          |       |       |                |
| 4) 2-Fluorophenol              | 5.52  | 112  | 727      | 0.11  | ng    | 0.00           |
| 5) Phenol-d6                   | 7.10  | 99   | 620      | 0.06  | ng    | 0.01           |
| 8) Nitrobenzene-d5             | 9.06  | 82   | 2829     | 0.31  | ng    | 0.00           |
| 11) 2-Methylnaphthalene-d10    | 12.29 | 152  | 4876     | 0.28  | ng    | 0.00           |
| 14) 2,4,6-Tribromophenol       | 16.03 | 330  | 493      | 0.30  | ng    | 0.00           |
| 15) 2-Fluorobiphenyl           | 13.15 | 172  | 7503     | 0.31  | ng    | -0.01          |
| 25) Fluoranthene-d10           | 19.28 | 212  | 51458    | 0.34  | ng    | 0.00           |
| 29) Terphenyl-d14              | 19.86 | 244  | 13114    | 0.47  | ng    | 0.00           |
| Target Compounds               |       |      |          |       |       |                |
| 32) Bis(2-ethylhexyl)phthalate | 21.30 | 149  | 9575     | 0.099 | ng    | Qvalue<br># 99 |

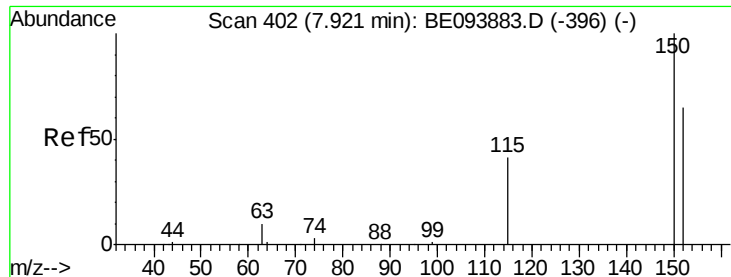
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA\_E\DATA\BE090117\  
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QLast Update : Fri Sep 01 16:31:36 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: BE093908.D

Acq: 1 Sep 2017 18:48

Instrument :

BNA\_E

ClientSampleId :

3823-PP4

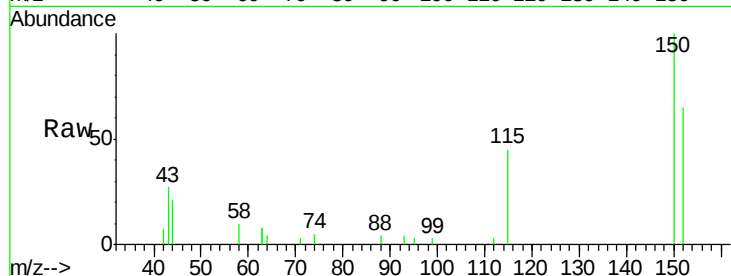
Tgt Ion:152 Resp: 2209

Ion Ratio Lower Upper

152 100

150 153.2 121.8 182.6

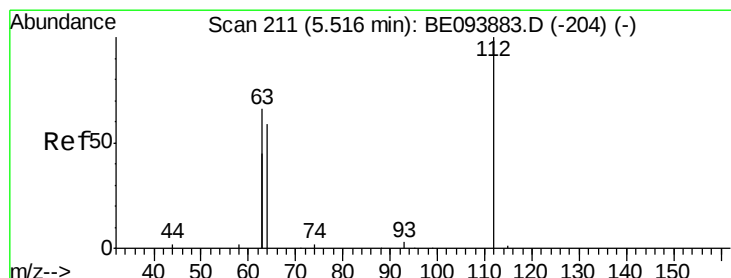
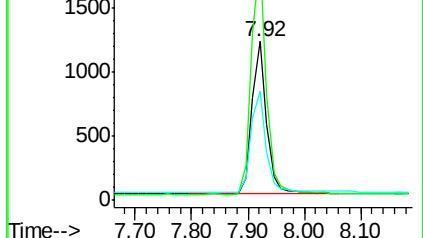
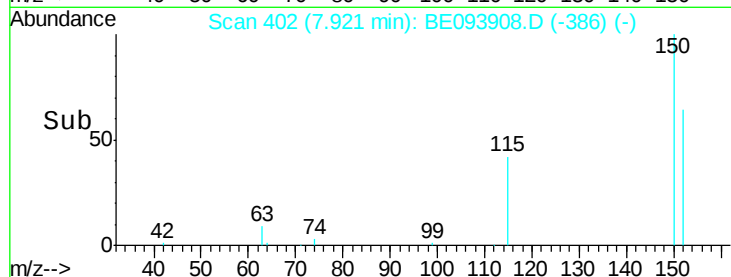
115 68.5 52.6 79.0



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: 0.107 ng

RT: 5.52 min Scan# 211

Delta R.T. 0.00 min

Lab File: BE093908.D

Acq: 1 Sep 2017 18:48

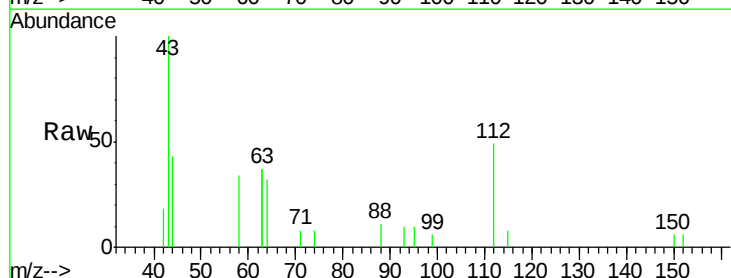
Tgt Ion:112 Resp: 727

Ion Ratio Lower Upper

112 100

64 75.4 57.7 86.5

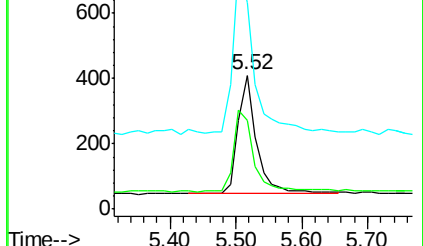
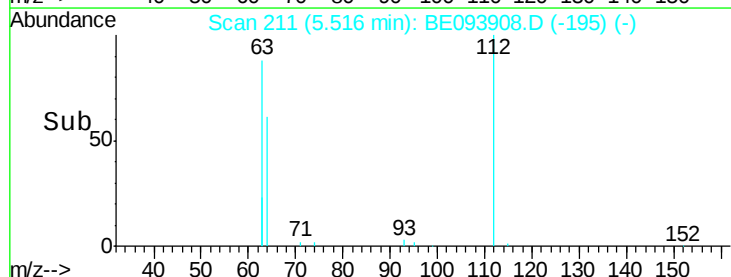
63 150.5 116.0 174.0

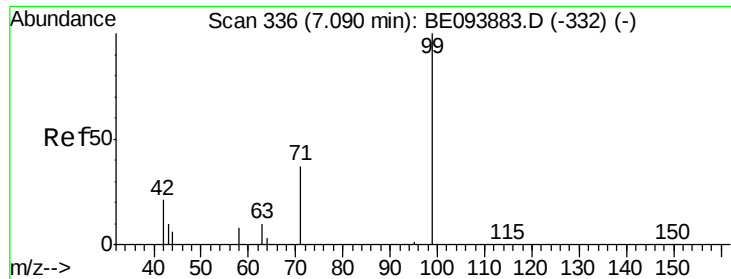


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.060 ng

RT: 7.10 min Scan# 337

Delta R.T. 0.01 min

Lab File: BE093908.D

Acq: 1 Sep 2017 18:48

Instrument :

BNA\_E

ClientSampleId :

3823-PP4

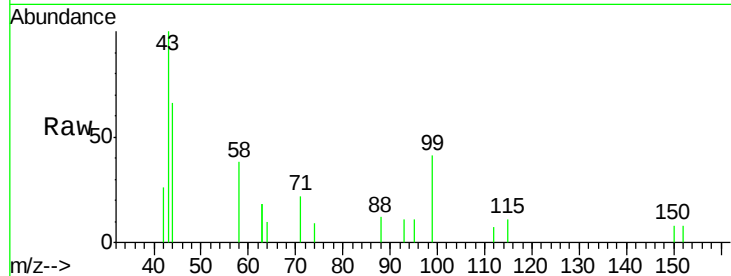
Tgt Ion: 99 Resp: 620

Ion Ratio Lower Upper

99 100

42 26.6 17.1 25.7#

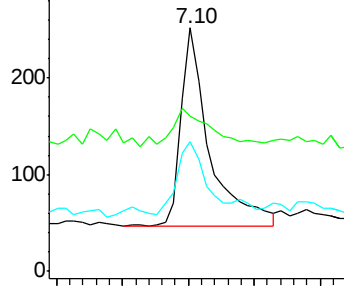
71 40.5 26.6 39.8#



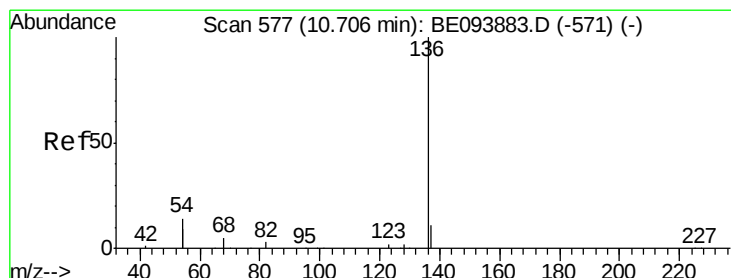
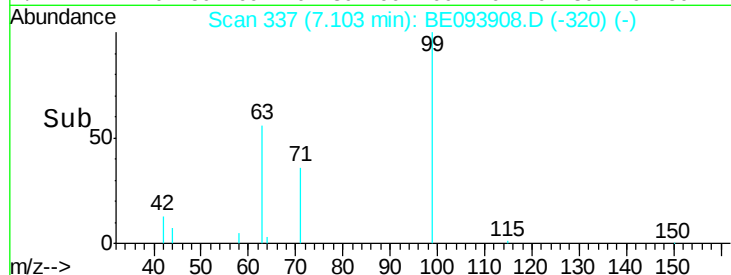
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.71 min Scan# 577

Delta R.T. 0.00 min

Lab File: BE093908.D

Acq: 1 Sep 2017 18:48

Tgt Ion: 136 Resp: 10984

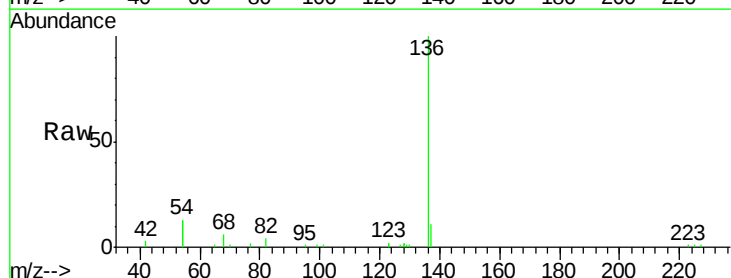
Ion Ratio Lower Upper

136 100

137 11.4 9.2 13.8

54 26.6 21.9 32.9

68 6.2 4.6 7.0

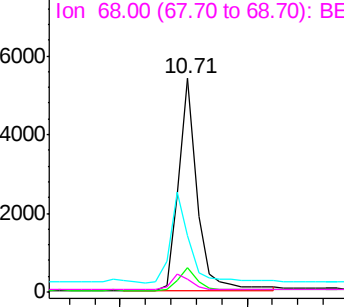


Abundance Ion 136.00 (135.70 to 136.70): E

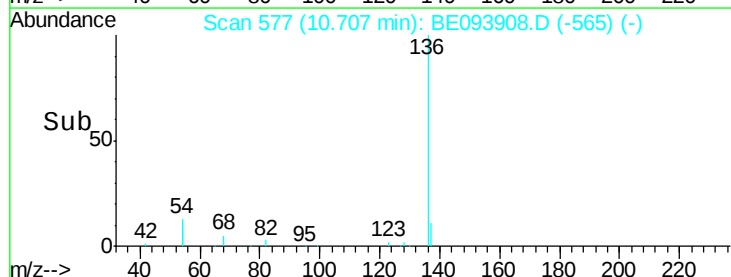
Ion 137.00 (136.70 to 137.70): E

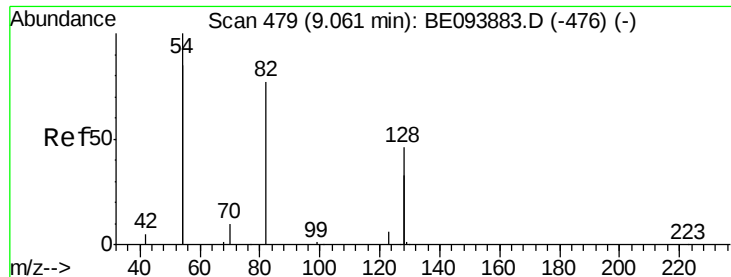
Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



Time-->





#8

Nitrobenzene-d5

Concen: 0.309 ng

RT: 9.06 min Scan# 479

Delta R.T. 0.00 min

Lab File: BE093908.D

Acq: 1 Sep 2017 18:48

Instrument :

BNA\_E

ClientSampleId :

3823-PP4

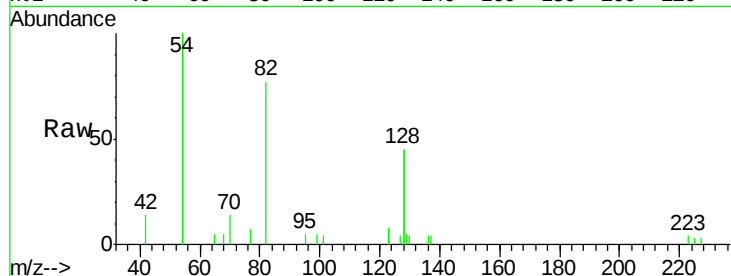
Tgt Ion: 82 Resp: 2829

Ion Ratio Lower Upper

82 100

128 117.8 91.4 137.0

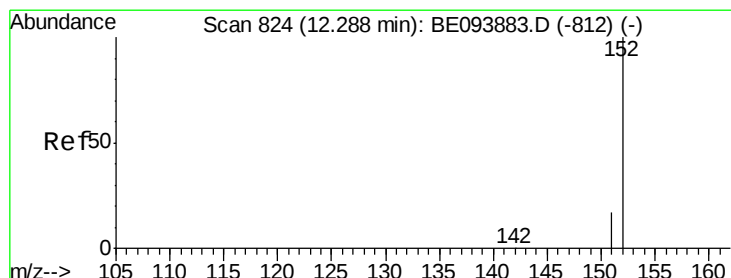
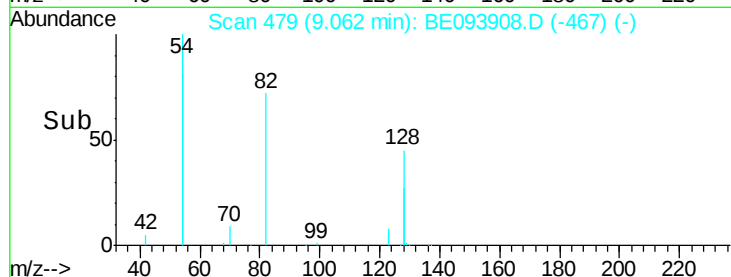
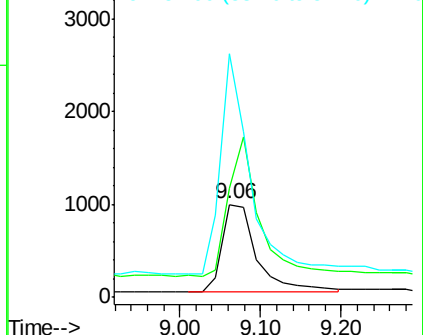
54 261.4 197.8 296.8



Abundance Ion 82.00 (81.70 to 82.70): BE093908.D (-476) (-)

Ion 128.00 (127.70 to 128.70): BE093908.D (-476) (-)

Ion 54.00 (53.70 to 54.70): BE093908.D (-476) (-)



#11

2-Methylnaphthalene-d10

Concen: 0.281 ng

RT: 12.29 min Scan# 824

Delta R.T. -0.00 min

Lab File: BE093908.D

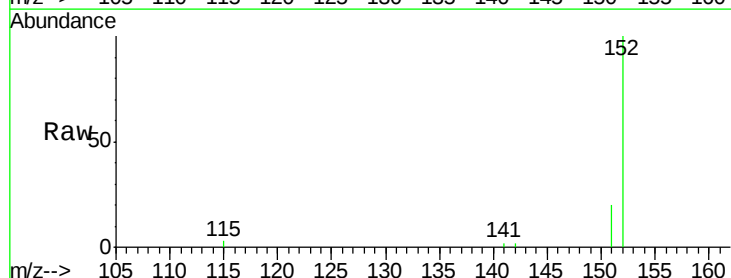
Acq: 1 Sep 2017 18:48

Tgt Ion: 152 Resp: 4876

Ion Ratio Lower Upper

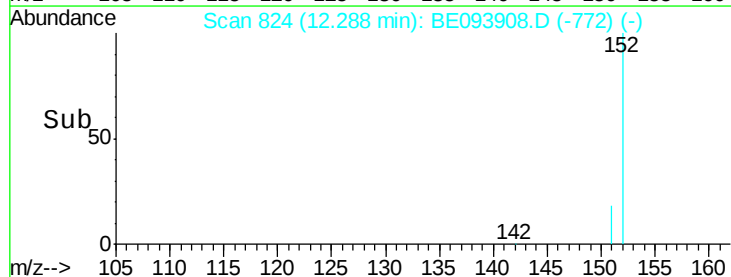
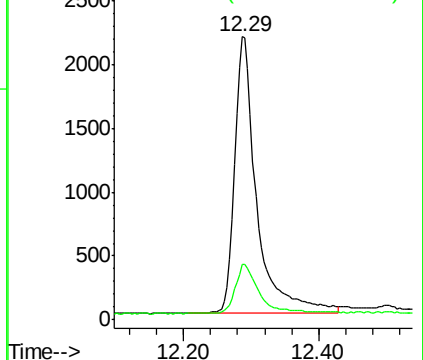
152 100

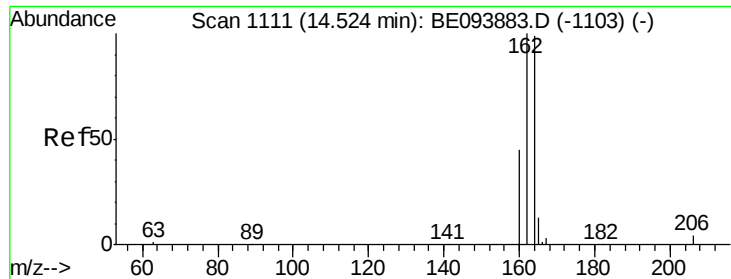
151 17.7 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): BE093908.D (-812) (-)

Ion 151.00 (150.70 to 151.70): BE093908.D (-812) (-)

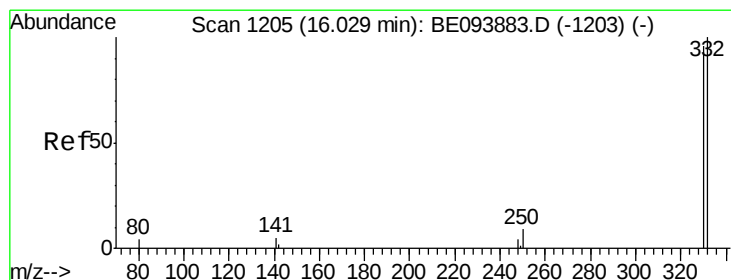
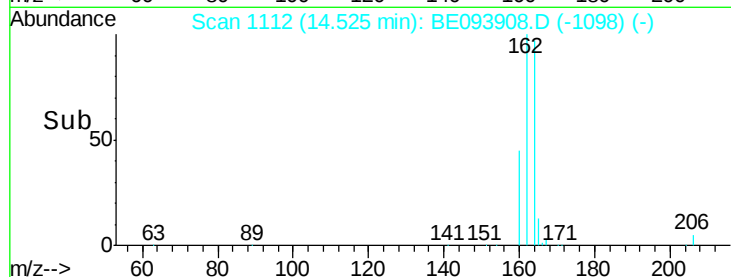
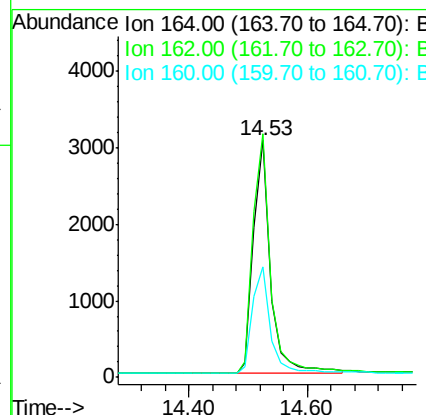
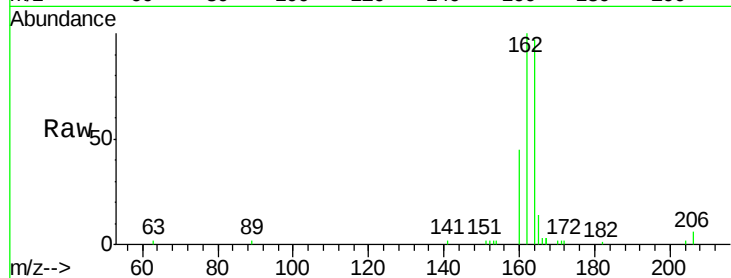




#13  
 Acenaphthene-d10  
 Concen: 0.400 ng  
 RT: 14.53 min Scan# 1112  
 Delta R.T. 0.00 min  
 Lab File: BE093908.D  
 Acq: 1 Sep 2017 18:48

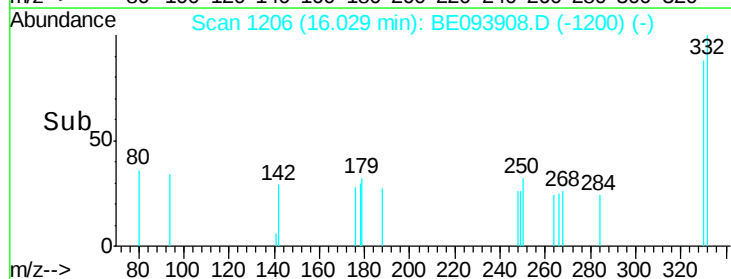
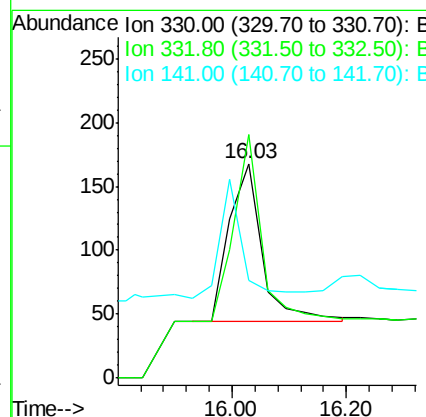
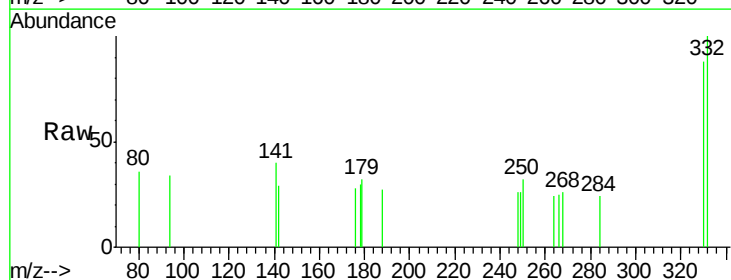
Instrument :  
 BNA\_E  
 ClientSampleId :  
 3823-PP4

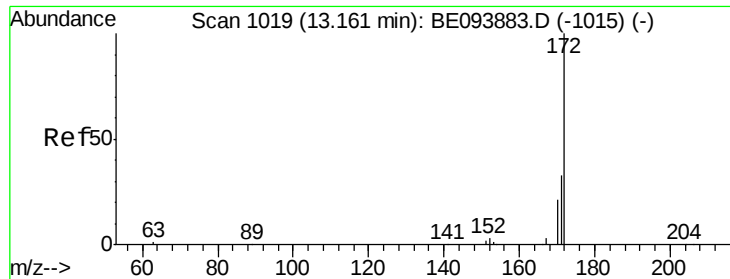
Tgt Ion:164 Resp: 6106  
 Ion Ratio Lower Upper  
 164 100  
 162 102.7 80.8 121.2  
 160 46.6 37.0 55.4



#14  
 2,4,6-Tribromophenol  
 Concen: 0.301 ng  
 RT: 16.03 min Scan# 1206  
 Delta R.T. 0.00 min  
 Lab File: BE093908.D  
 Acq: 1 Sep 2017 18:48

Tgt Ion:330 Resp: 493  
 Ion Ratio Lower Upper  
 330 100  
 332 99.2 76.9 115.3  
 141 0.0 0.0 0.0

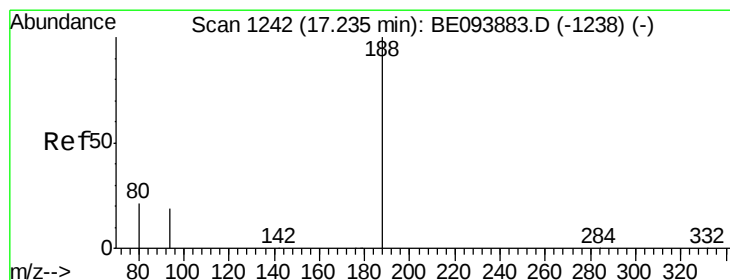
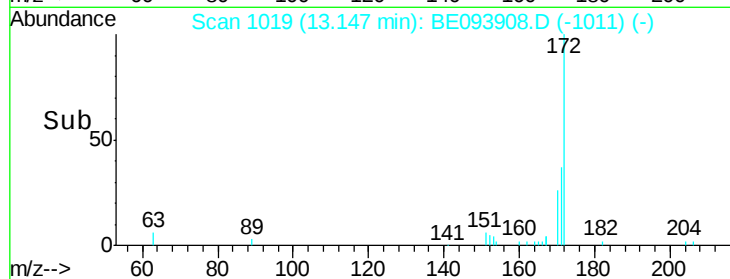
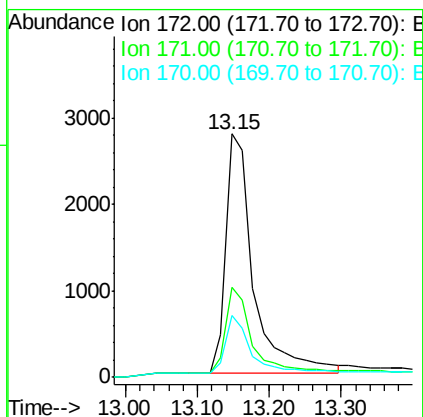
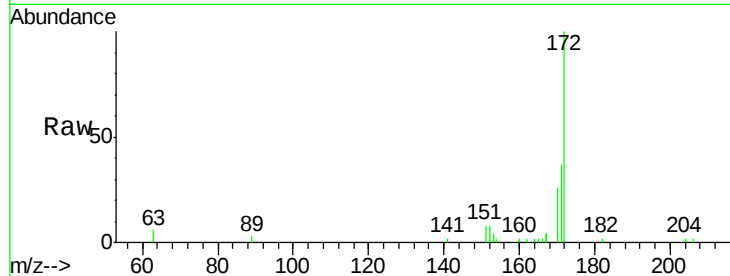




#15  
2-Fluorobiphenyl  
Concen: 0.309 ng  
RT: 13.15 min Scan# 1019  
Delta R.T. -0.01 min  
Lab File: BE093908.D  
Acq: 1 Sep 2017 18:48

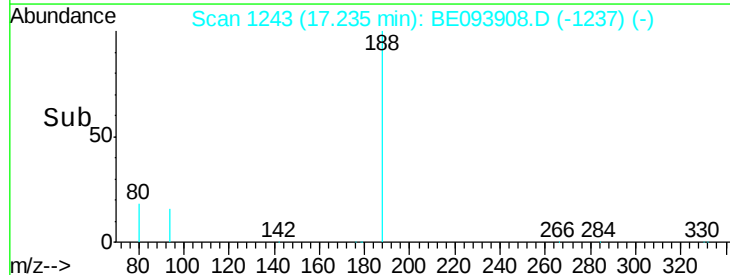
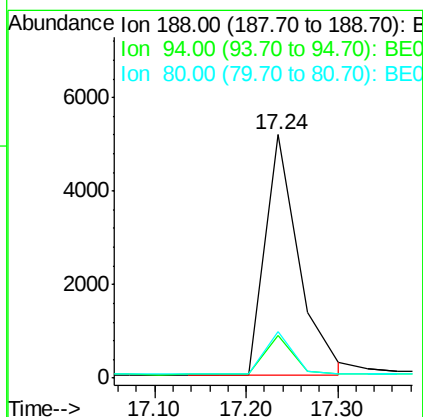
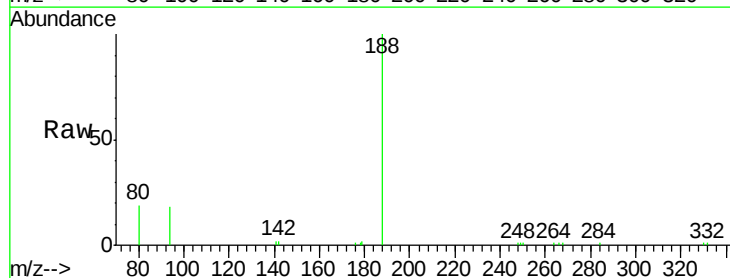
Instrument :  
BNA\_E  
ClientSampleId :  
3823-PP4

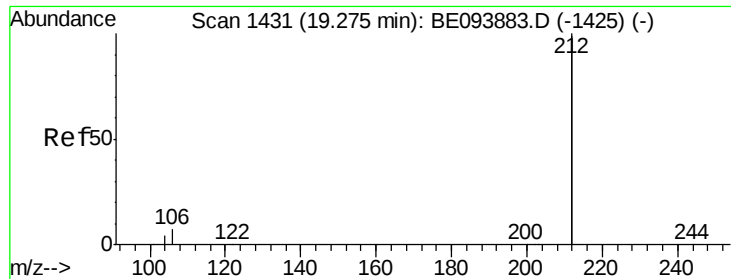
Tgt Ion:172 Resp: 7503  
Ion Ratio Lower Upper  
172 100  
171 36.9 26.9 40.3  
170 25.6 17.3 25.9



#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.24 min Scan# 1243  
Delta R.T. 0.00 min  
Lab File: BE093908.D  
Acq: 1 Sep 2017 18:48

Tgt Ion:188 Resp: 13244  
Ion Ratio Lower Upper  
188 100  
94 17.6 16.1 24.1  
80 19.3 18.2 27.2





#25

Fluoranthene-d10

Concen: 0.337 ng

RT: 19.28 min Scan# 1432

Delta R.T. 0.00 min

Lab File: BE093908.D

Acq: 1 Sep 2017 18:48

Instrument :

BNA\_E

ClientSampleId :

3823-PP4

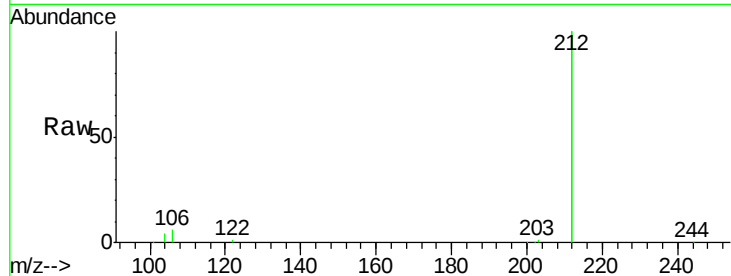
Tgt Ion:212 Resp: 51458

Ion Ratio Lower Upper

212 100

106 3.5 2.7 4.1

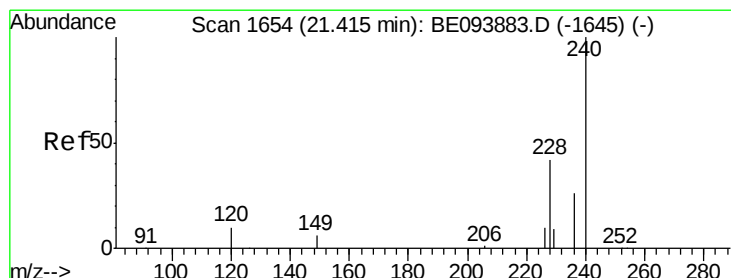
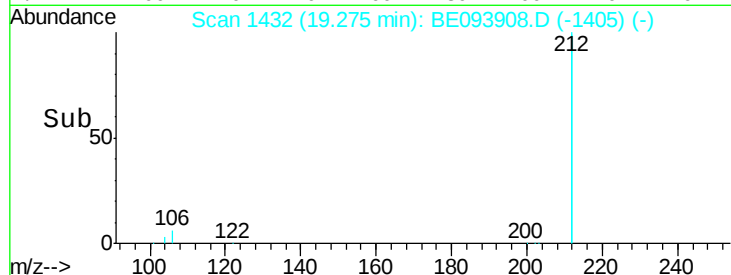
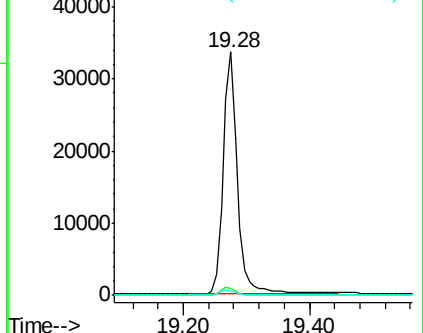
104 2.0 1.6 2.4



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: 21.41 min Scan# 1655

Delta R.T. -0.00 min

Lab File: BE093908.D

Acq: 1 Sep 2017 18:48

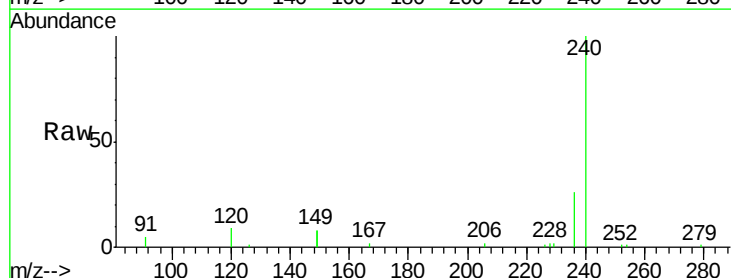
Tgt Ion:240 Resp: 15407

Ion Ratio Lower Upper

240 100

120 9.0 8.7 13.1

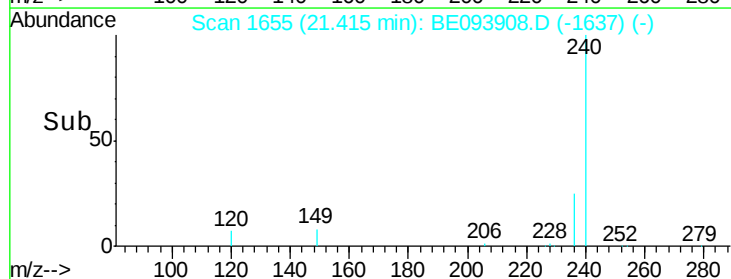
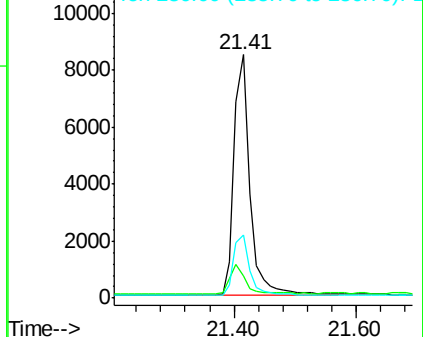
236 26.2 21.3 31.9

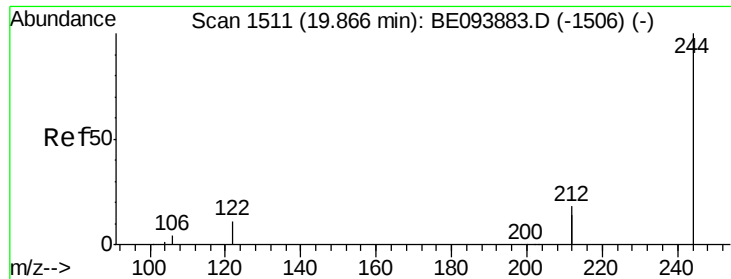


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.470 ng

RT: 19.86 min Scan# 1511

Delta R.T. -0.01 min

Lab File: BE093908.D

Acq: 1 Sep 2017 18:48

Instrument :

BNA\_E

ClientSampleId :

3823-PP4

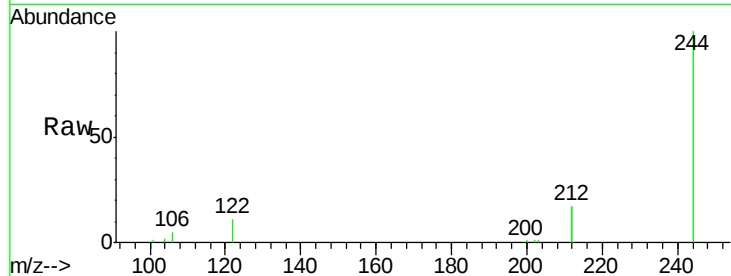
Tgt Ion:244 Resp: 13114

Ion Ratio Lower Upper

244 100

212 33.3 28.3 42.5

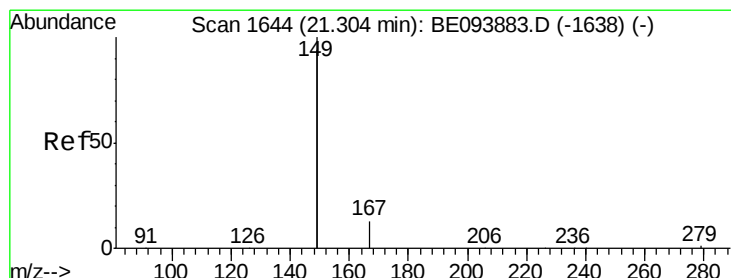
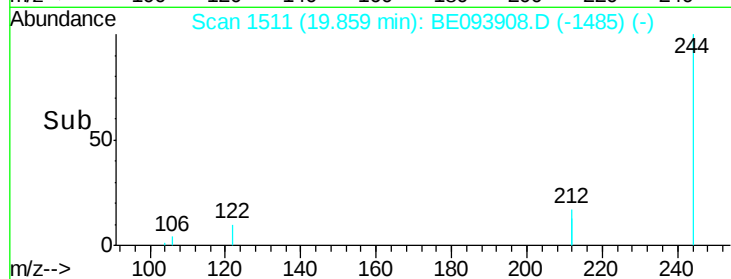
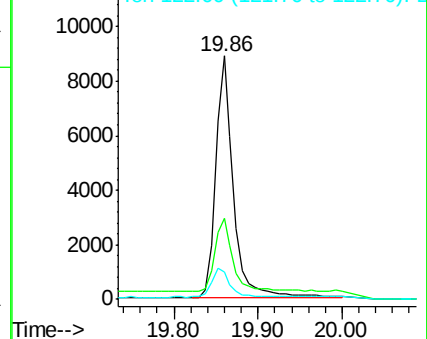
122 11.4 9.4 14.0



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: 0.099 ng

RT: 21.30 min Scan# 1645

Delta R.T. -0.00 min

Lab File: BE093908.D

Acq: 1 Sep 2017 18:48

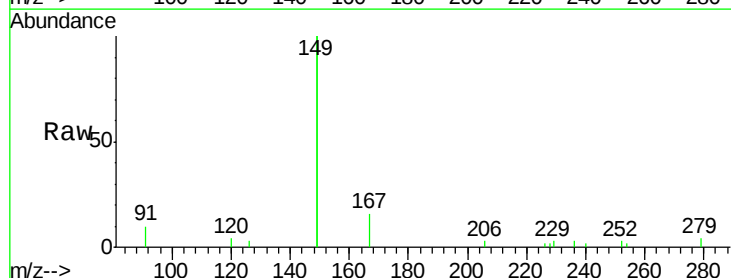
Tgt Ion:149 Resp: 9575

Ion Ratio Lower Upper

149 100

167 7.1 5.4 8.0

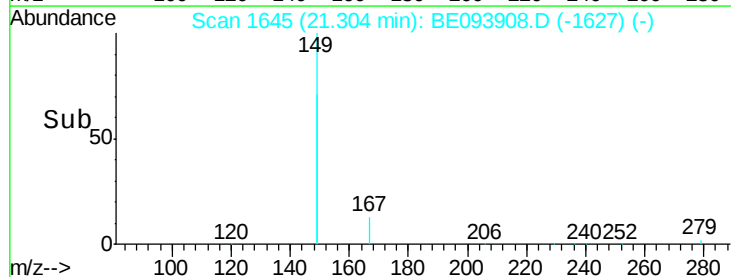
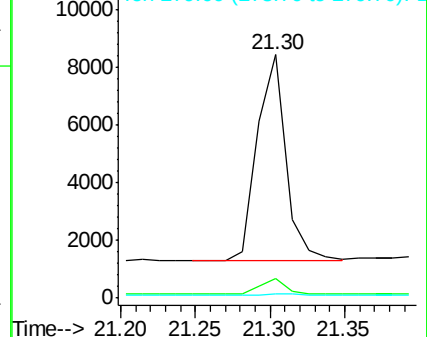
279 1.3 0.7 1.1#

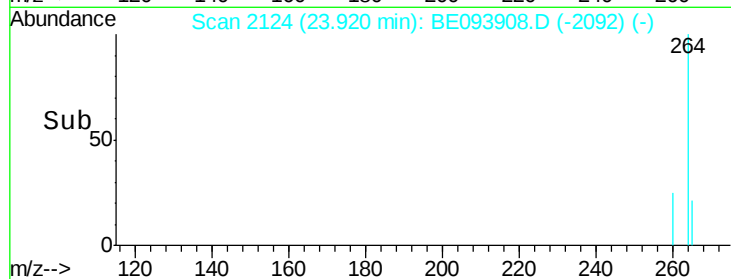
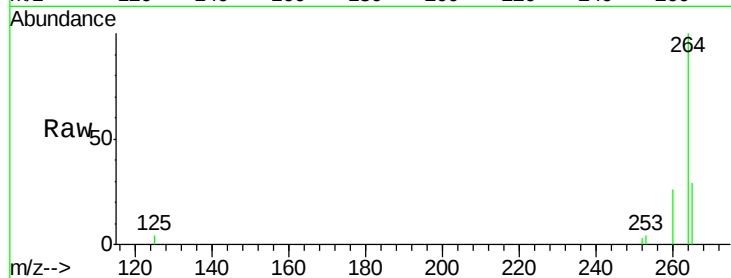
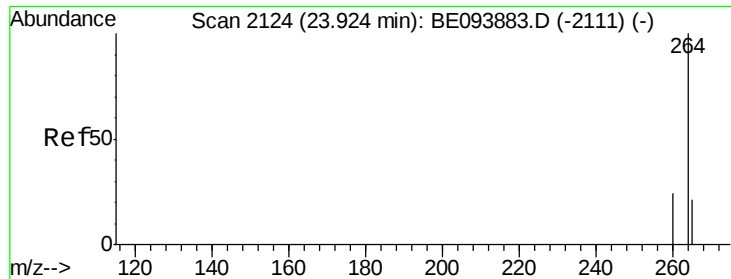


Abundance Ion 149.00 (148.70 to 149.70): E

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: 23.92 min Scan# 2124

Delta R.T. -0.00 min

Lab File: BE093908.D

Acq: 1 Sep 2017 18:48

Instrument :

BNA\_E

ClientSampleId :

3823-PP4

Tgt Ion: 264 Resp: 13318

Ion Ratio Lower Upper

264 100

260 26.3 20.0 30.0

265 28.9 24.0 36.0

