

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE071417\  
 Data File : BE093468.D  
 Acq On : 14 Jul 2017 12:54  
 Operator : SJ/JU  
 Sample : I4153-03  
 Misc : L00 0.2 PPM  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 INFFLUENT-20170710

Quant Time: Jul 17 01:55:59 2017  
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE070217.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jul 03 06:40:23 2017  
 Response via : Initial Calibration

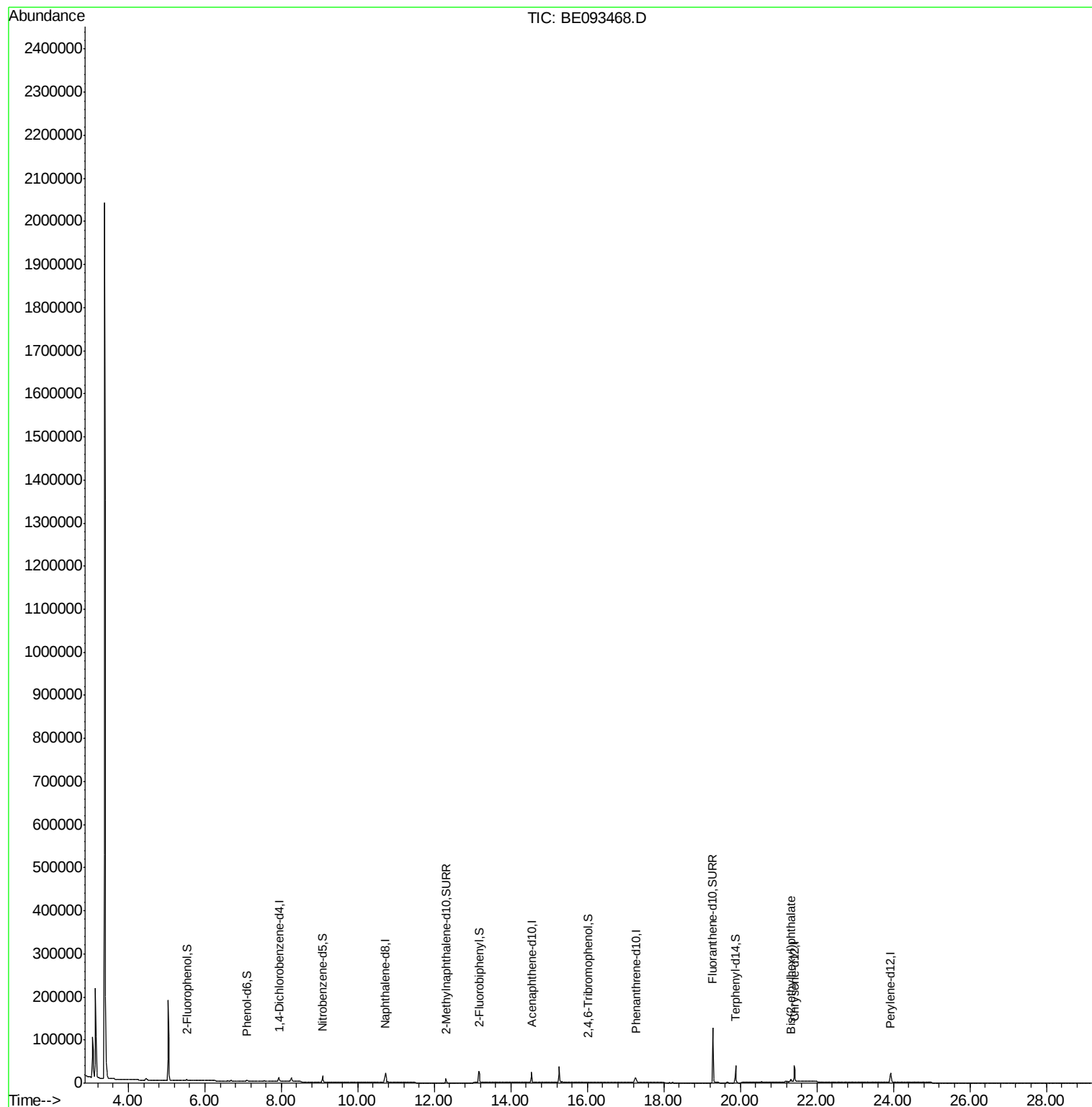
| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4      | 7.94  | 152  | 4649     | 0.40  | ng    | 0.00     |
| 7) Naphthalene-d8              | 10.72 | 136  | 24168    | 0.40  | ng    | 0.00     |
| 13) Acenaphthene-d10           | 14.54 | 164  | 15169    | 0.40  | ng    | 0.00     |
| 19) Phenanthrene-d10           | 17.27 | 188  | 27722    | 0.40  | ng    | 0.00     |
| 27) Chrysene-d12               | 21.42 | 240  | 39686    | 0.40  | ng    | -0.01    |
| 34) Perylene-d12               | 23.93 | 264  | 34067    | 0.40  | ng    | 0.00     |
| System Monitoring Compounds    |       |      |          |       |       |          |
| 4) 2-Fluorophenol              | 5.53  | 112  | 2175     | 0.16  | ng    | 0.00     |
| 5) Phenol-d6                   | 7.10  | 99   | 2048     | 0.10  | ng    | 0.00     |
| 8) Nitrobenzene-d5             | 9.08  | 82   | 5747     | 0.37  | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10    | 12.30 | 152  | 13700    | 0.36  | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol       | 16.03 | 330  | 1209     | 0.25  | ng    | 0.00     |
| 15) 2-Fluorobiphenyl           | 13.16 | 172  | 27004    | 0.46  | ng    | -0.01    |
| 25) Fluoranthene-d10           | 19.28 | 212  | 164852   | 0.49  | ng    | 0.00     |
| 29) Terphenyl-d14              | 19.87 | 244  | 33809    | 0.48  | ng    | 0.00     |
| Target Compounds               |       |      |          |       |       | Qvalue   |
| 32) Bis(2-ethylhexyl)phthalate | 21.33 | 149  | 8661     | 0.056 | ng    | # 66     |

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

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BNA\_E  
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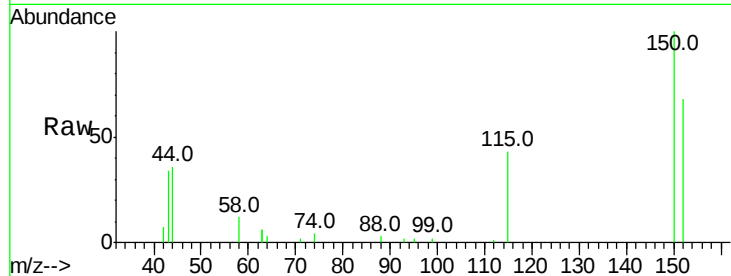


#1

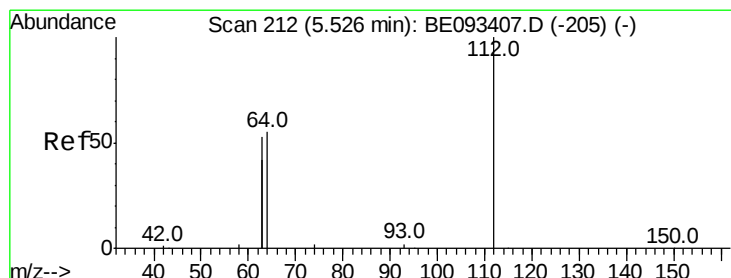
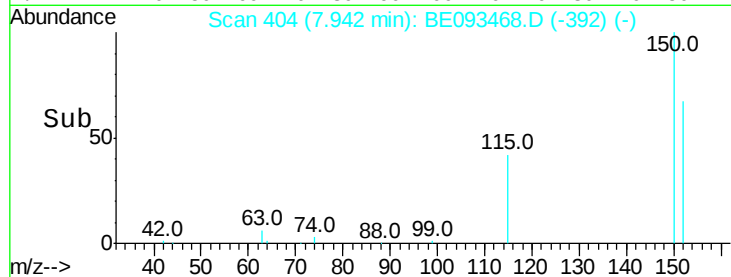
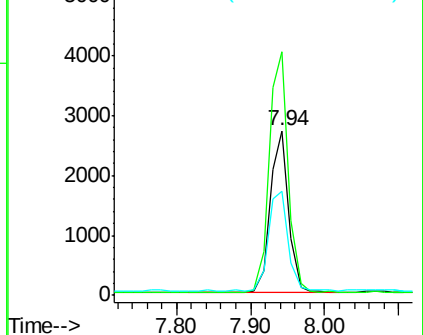
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.94 min Scan# 404  
Delta R.T. -0.00 min  
Lab File: BE093468.D  
Acq: 14 Jul 2017 12:54

Instrument :  
BNA\_E  
ClientSampleId :  
INFLUENT-20170710

Tot Ion:152 Resp: 4649  
Ion Ratio Lower Upper  
152 100  
150 147.7 125.1 187.7  
115 63.4 55.7 83.5



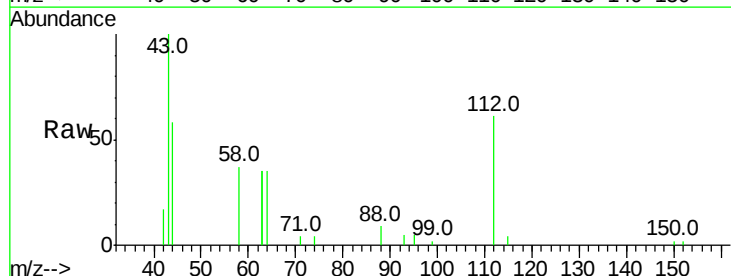
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



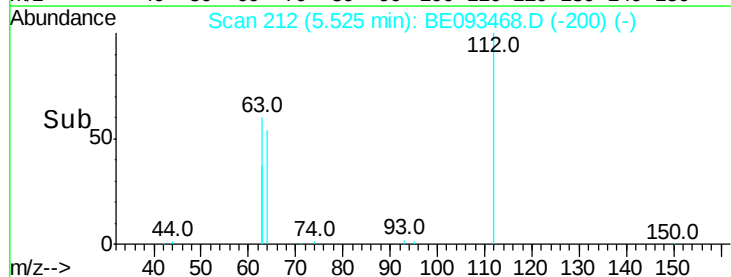
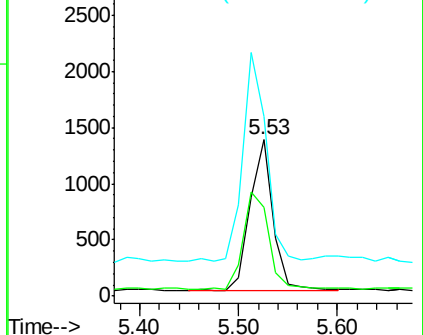
#4

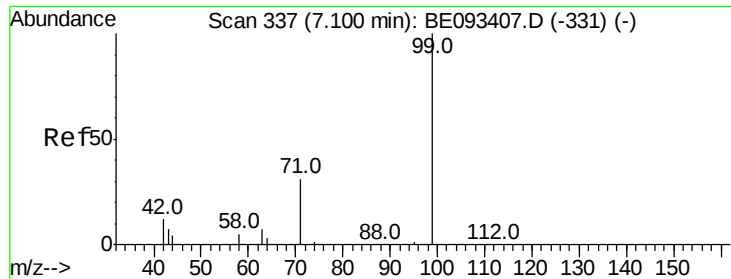
2-Fluorophenol  
Concen: 0.155 ng  
RT: 5.53 min Scan# 212  
Delta R.T. -0.00 min  
Lab File: BE093468.D  
Acq: 14 Jul 2017 12:54

Tgt Ion:112 Resp: 2175  
Ion Ratio Lower Upper  
112 100  
64 70.0 56.4 84.6  
63 139.3 29.3 43.9#



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: 0.099 ng

RT: 7.10 min Scan# 337

Delta R.T. -0.00 min

Lab File: BE093468.D

Acq: 14 Jul 2017 12:54

Instrument :

BNA\_E

ClientSampleId :

INFLUENT-20170710

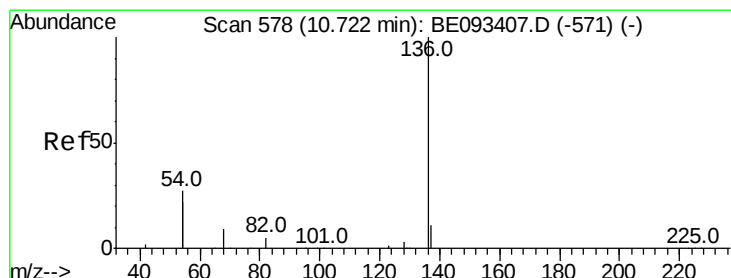
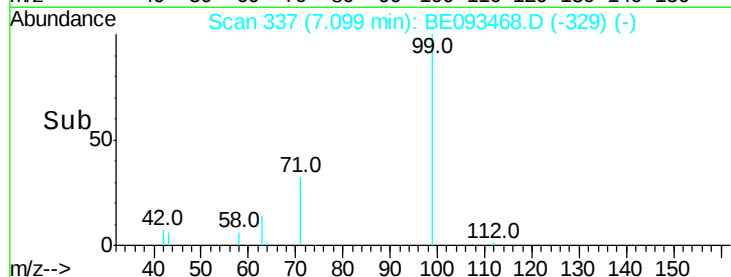
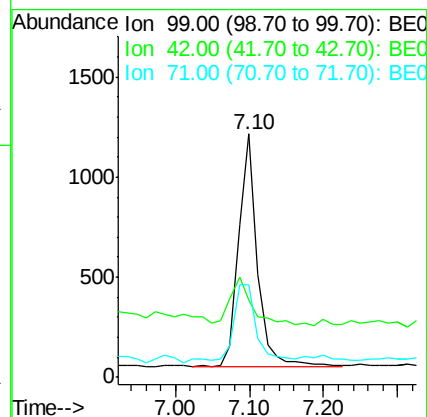
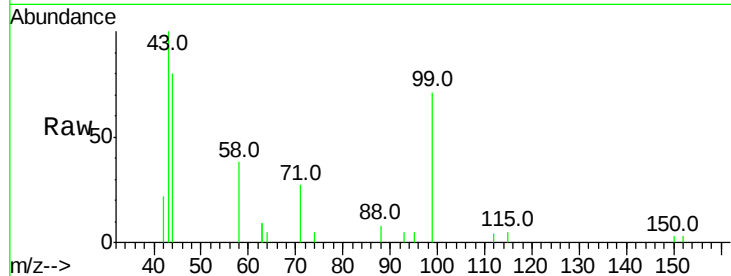
Tot Ion: 99 Resp: 2048

Ion Ratio Lower Upper

99 100

42 22.4 0.0 0.0#

71 37.8 0.0 0.0#



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.72 min Scan# 578

Delta R.T. 0.00 min

Lab File: BE093468.D

Acq: 14 Jul 2017 12:54

Tgt Ion: 136 Resp: 24168

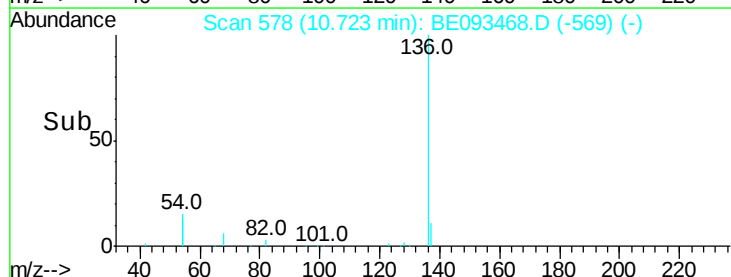
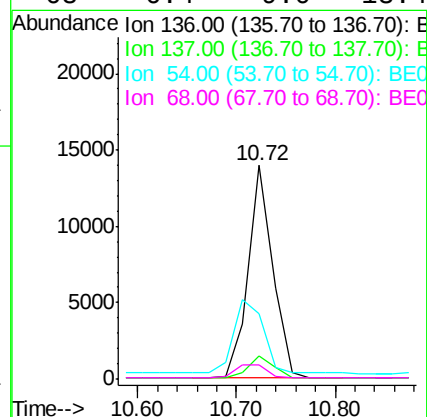
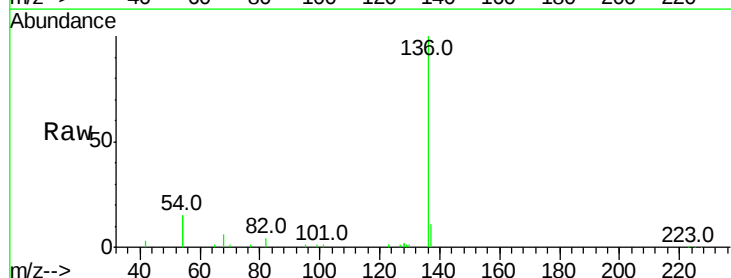
Ion Ratio Lower Upper

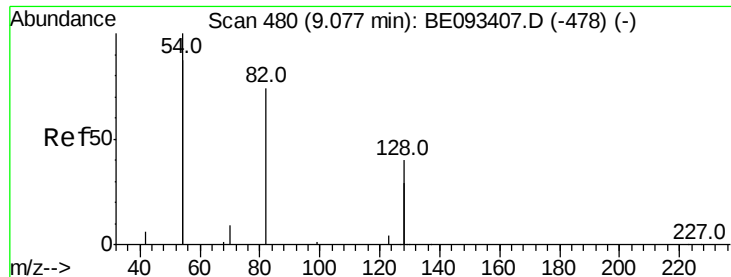
136 100

137 11.1 9.8 14.8

54 30.8 10.3 15.5#

68 6.4 9.0 13.4#

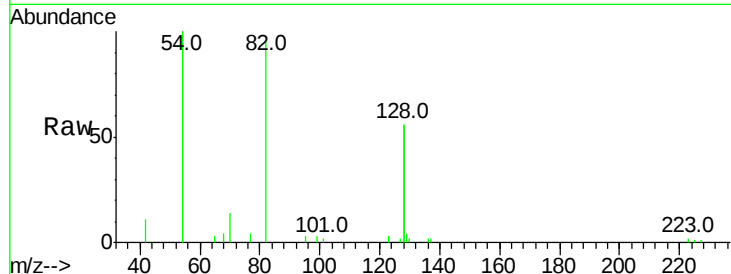




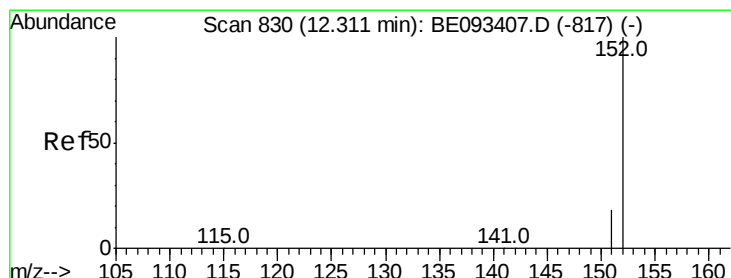
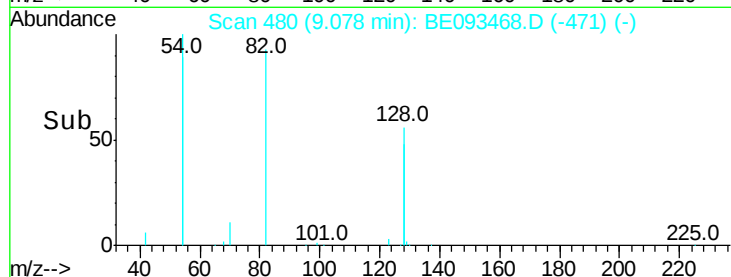
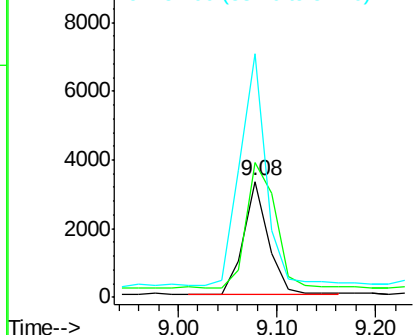
#8  
 Nitrobenzene-d5  
 Concen: 0.372 ng  
 RT: 9.08 min Scan# 480  
 Delta R.T. 0.00 min  
 Lab File: BE093468.D  
 Acq: 14 Jul 2017 12:54

Instrument :  
 BNA\_E  
 ClientSampleId :  
 INFFLUENT-20170710

Tot Ion: 82 Resp: 5747  
 Ion Ratio Lower Upper  
 82 100  
 128 116.5 17.0 25.4#  
 54 209.8 53.8 80.6#

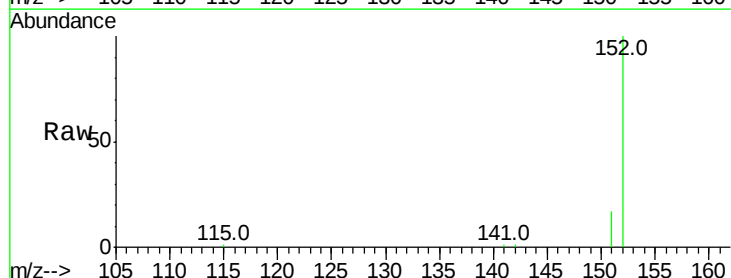


Abundance Ion 82.00 (81.70 to 82.70): BE0  
 Ion 128.00 (127.70 to 128.70): BE0  
 Ion 54.00 (53.70 to 54.70): BE0

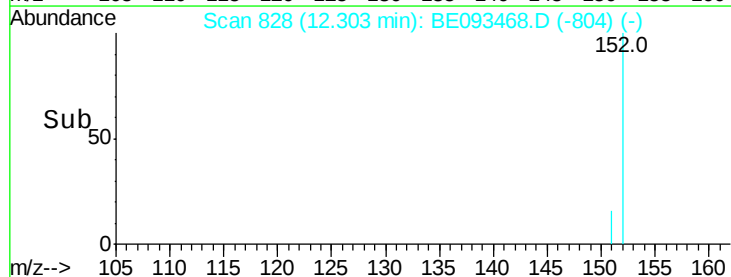
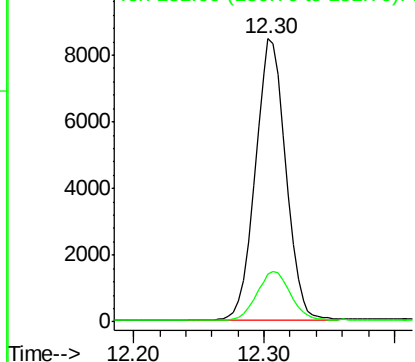


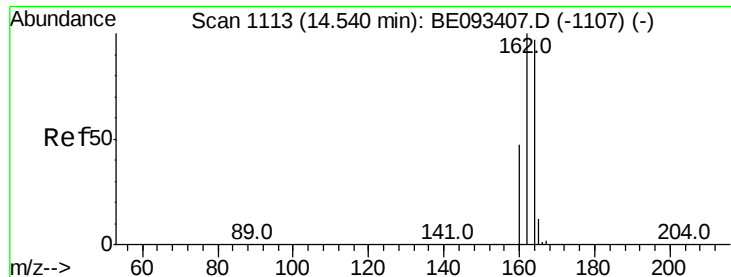
#11  
 2-Methylnaphthalene-d10  
 Concen: 0.355 ng  
 RT: 12.30 min Scan# 828  
 Delta R.T. -0.01 min  
 Lab File: BE093468.D  
 Acq: 14 Jul 2017 12:54

Tgt Ion: 152 Resp: 13700  
 Ion Ratio Lower Upper  
 152 100  
 151 18.8 15.1 22.7



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: 14.54 min Scan# 1113

Delta R.T. 0.00 min

Lab File: BE093468.D

Acq: 14 Jul 2017 12:54

Instrument :

BNA\_E

ClientSampleId :

INFLUENT-20170710

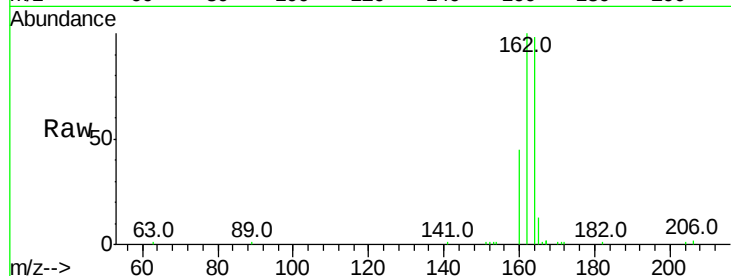
Tot Ion:164 Resp: 15169

Ion Ratio Lower Upper

164 100

162 101.8 84.6 127.0

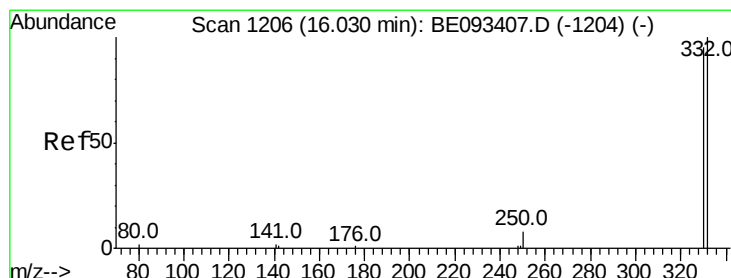
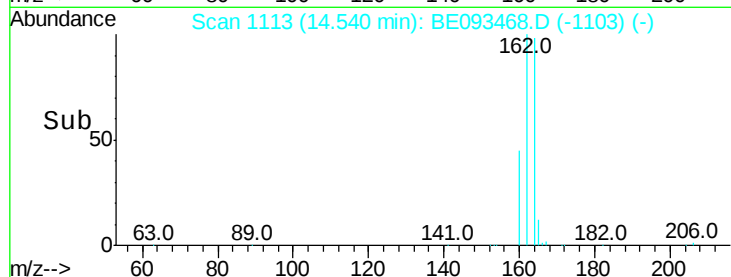
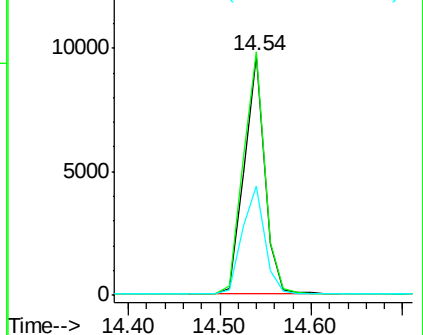
160 45.7 41.8 62.6



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: 0.254 ng

RT: 16.03 min Scan# 1206

Delta R.T. -0.00 min

Lab File: BE093468.D

Acq: 14 Jul 2017 12:54

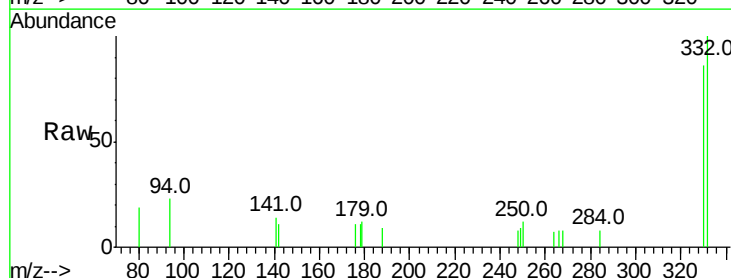
Tgt Ion:330 Resp: 1209

Ion Ratio Lower Upper

330 100

332 111.2 77.7 116.5

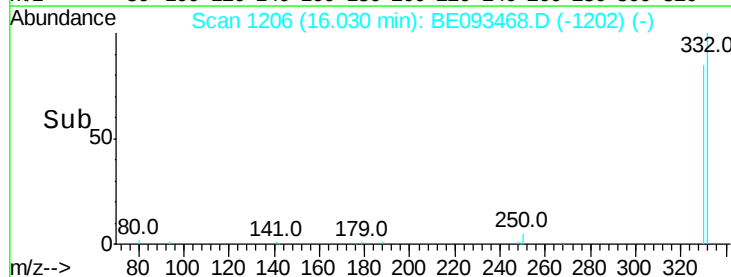
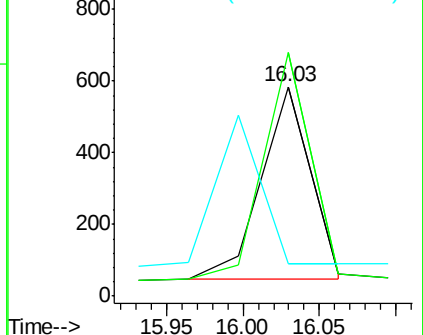
141 0.0 56.2 84.4#

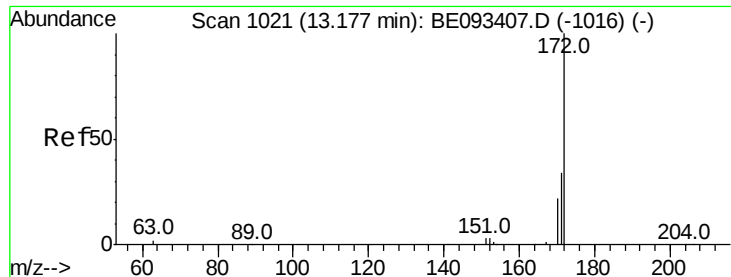


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

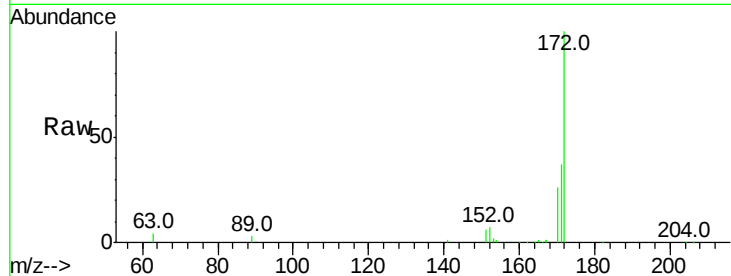




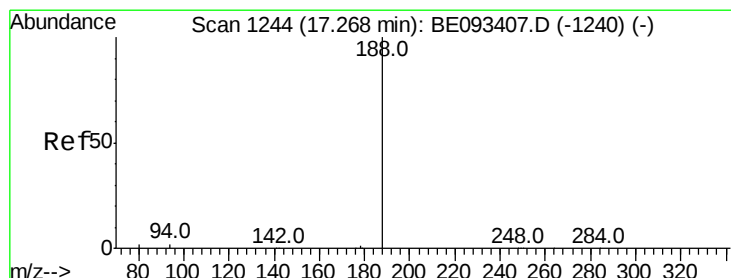
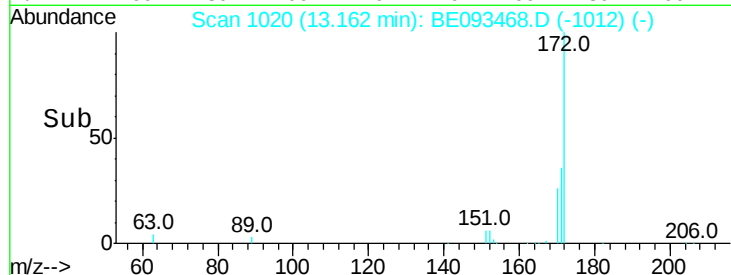
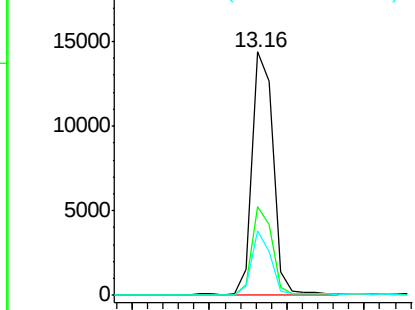
#15  
2-Fluorobiphenyl  
Concen: 0.459 ng  
RT: 13.16 min Scan# 1020  
Delta R.T. -0.01 min  
Lab File: BE093468.D  
Acq: 14 Jul 2017 12:54

Instrument :  
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Tot Ion:172 Resp: 27004  
Ion Ratio Lower Upper  
172 100  
171 36.7 29.8 44.6  
170 26.2 20.7 31.1

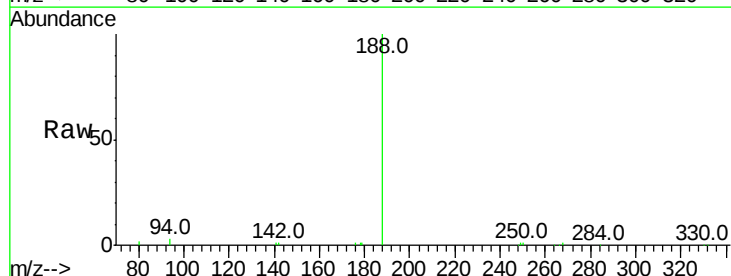


Abundance Ion 172.00 (171.70 to 172.70): E  
Ion 171.00 (170.70 to 171.70): E  
Ion 170.00 (169.70 to 170.70): E

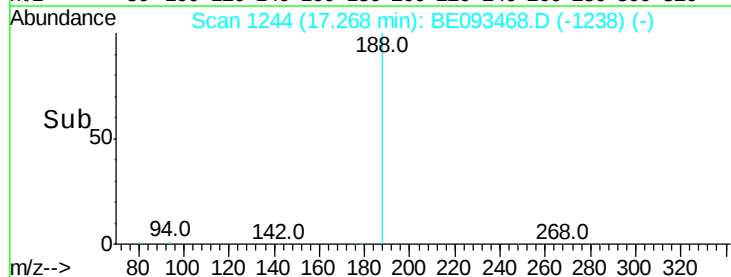
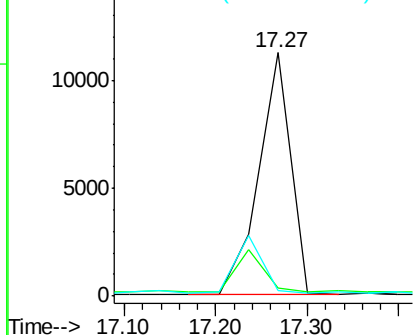


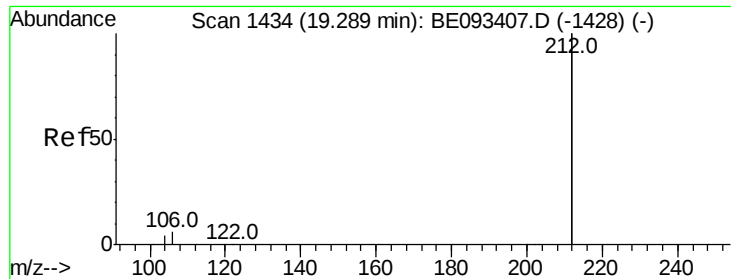
#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.27 min Scan# 1244  
Delta R.T. -0.00 min  
Lab File: BE093468.D  
Acq: 14 Jul 2017 12:54

Tgt Ion:188 Resp: 27722  
Ion Ratio Lower Upper  
188 100  
94 3.1 11.3 16.9#  
80 2.2 11.7 17.5#



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: 0.493 ng

RT: 19.28 min Scan# 1433

Delta R.T. -0.01 min

Lab File: BE093468.D

Acq: 14 Jul 2017 12:54

Instrument :

BNA\_E

ClientSampleId :

INFFLUENT-20170710

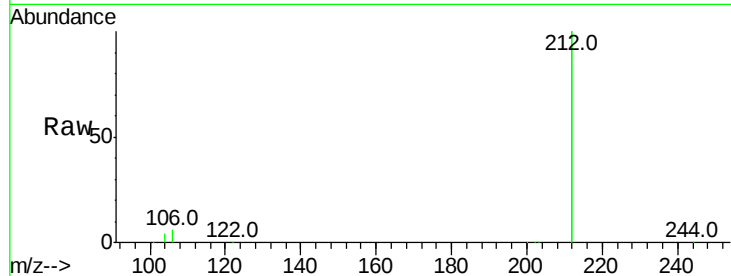
Tot Ion:212 Resp: 164852

Ion Ratio Lower Upper

212 100

106 3.3 2.4 3.6

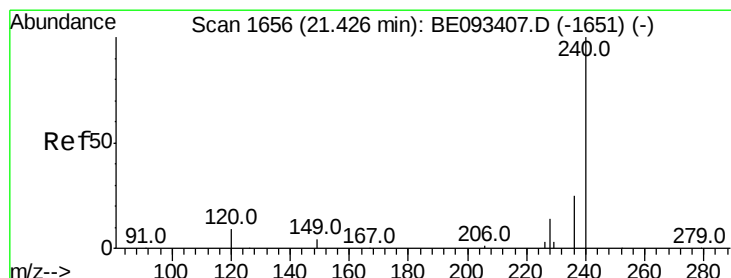
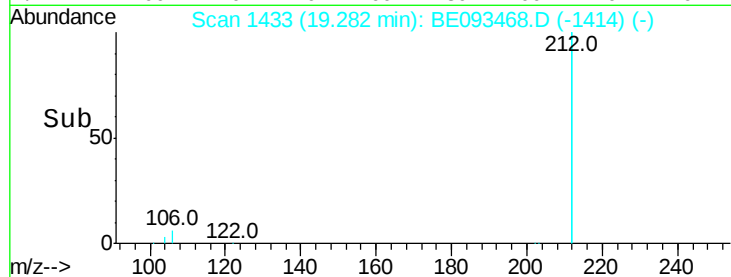
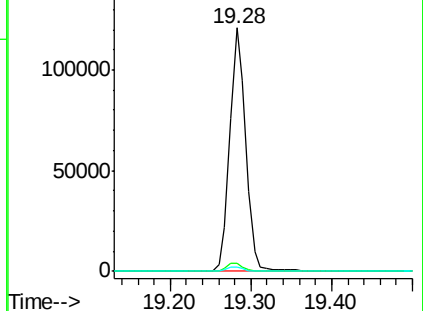
104 1.9 1.6 2.4



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: 21.42 min Scan# 1655

Delta R.T. -0.01 min

Lab File: BE093468.D

Acq: 14 Jul 2017 12:54

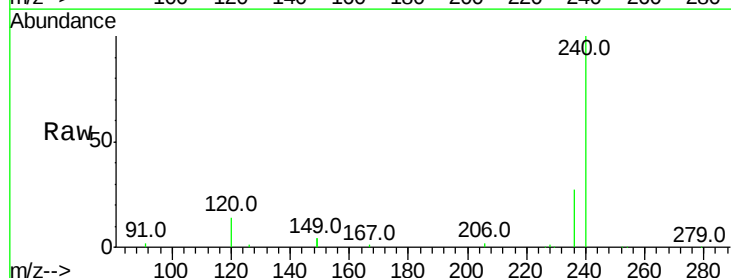
Tgt Ion:240 Resp: 39686

Ion Ratio Lower Upper

240 100

120 13.7 4.6 7.0#

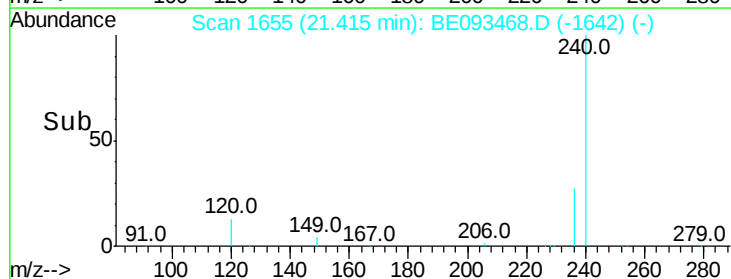
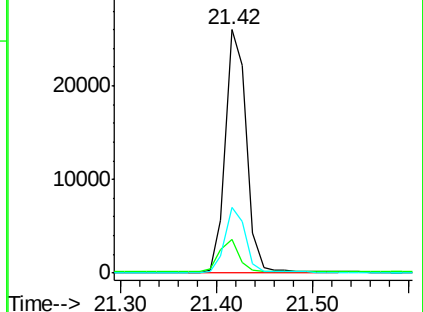
236 26.8 20.8 31.2

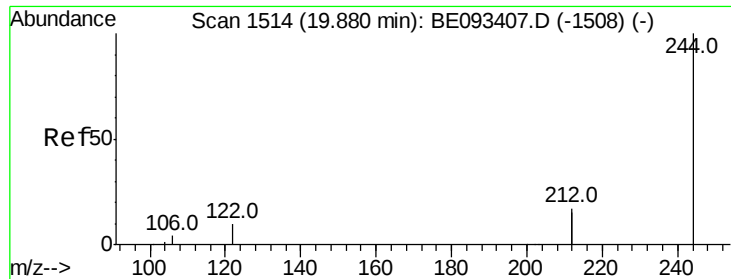


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.477 ng

RT: 19.87 min Scan# 1513

Delta R.T. -0.01 min

Lab File: BE093468.D

Acq: 14 Jul 2017 12:54

Instrument :

BNA\_E

ClientSampleId :

INFLUENT-20170710

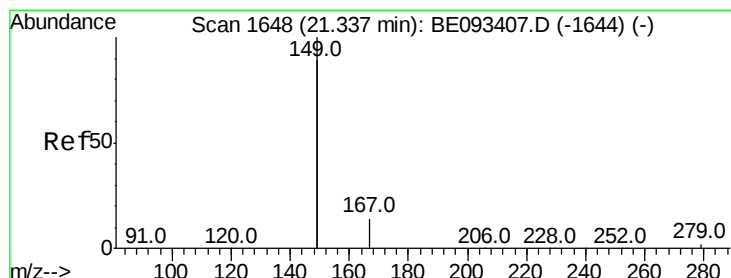
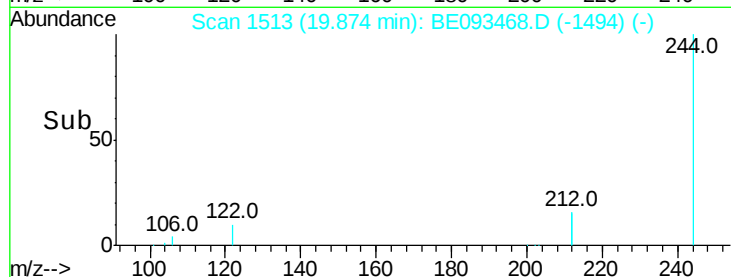
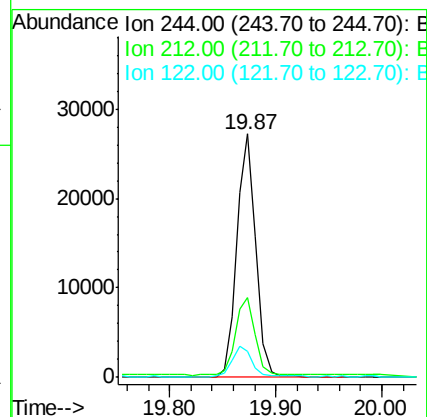
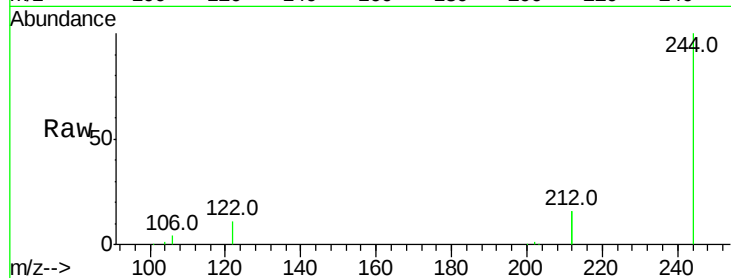
Tot Ion:244 Resp: 33809

Ion Ratio Lower Upper

244 100

212 32.6 10.6 16.0#

122 10.5 15.4 23.0#



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.056 ng

RT: 21.33 min Scan# 1647

Delta R.T. -0.01 min

Lab File: BE093468.D

Acq: 14 Jul 2017 12:54

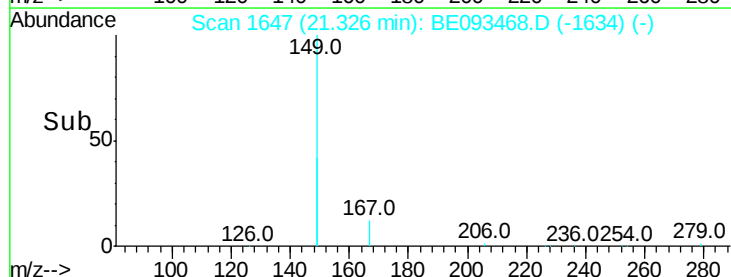
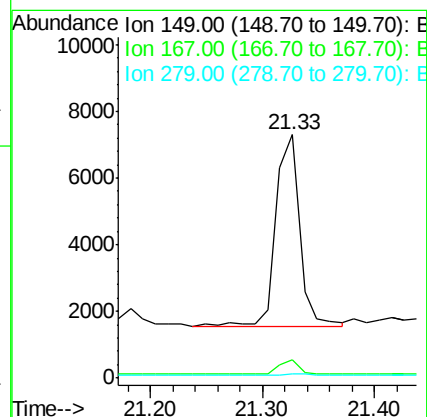
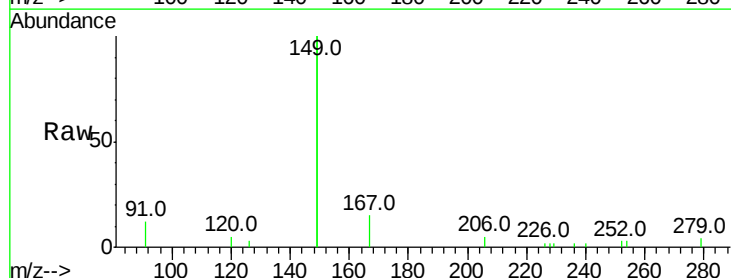
Tgt Ion:149 Resp: 8661

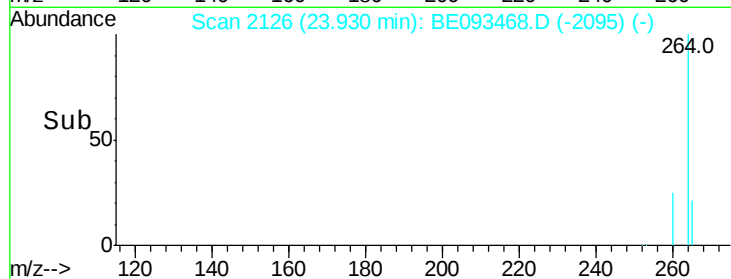
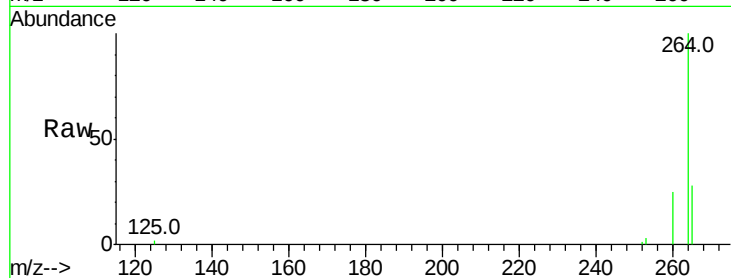
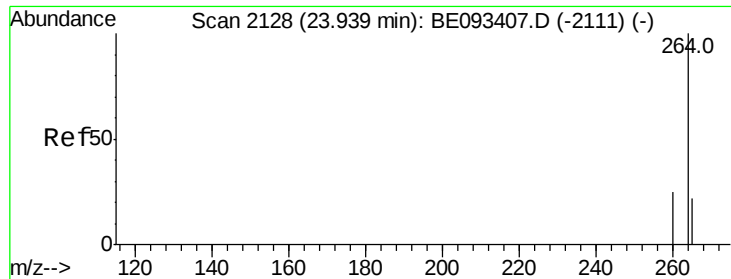
Ion Ratio Lower Upper

149 100

167 6.4 20.1 30.1#

279 1.2 2.2 3.4#





#34

Pervlone-d12

Concen: 0.400 ng

RT: 23.93 min Scan# 2126

Delta R.T. -0.01 min

Lab File: BE093468.D

Acq: 14 Jul 2017 12:54

Instrument :

BNA\_E

ClientSampleId :

INFFLUENT-20170710

Tot Ion:264 Resp: 34067

Ion Ratio Lower Upper

264 100

260 24.9 21.0 31.4

265 27.6 24.6 36.8

