

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031218\  
 Data File : BE095731.D  
 Acq On : 12 Mar 2018 15:43  
 Operator : SJ/JU  
 Sample : J1867-06  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 CPS123071

Quant Time: Mar 12 16:44:59 2018  
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE022318.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Feb 23 12:12:42 2018  
 Response via : Initial Calibration

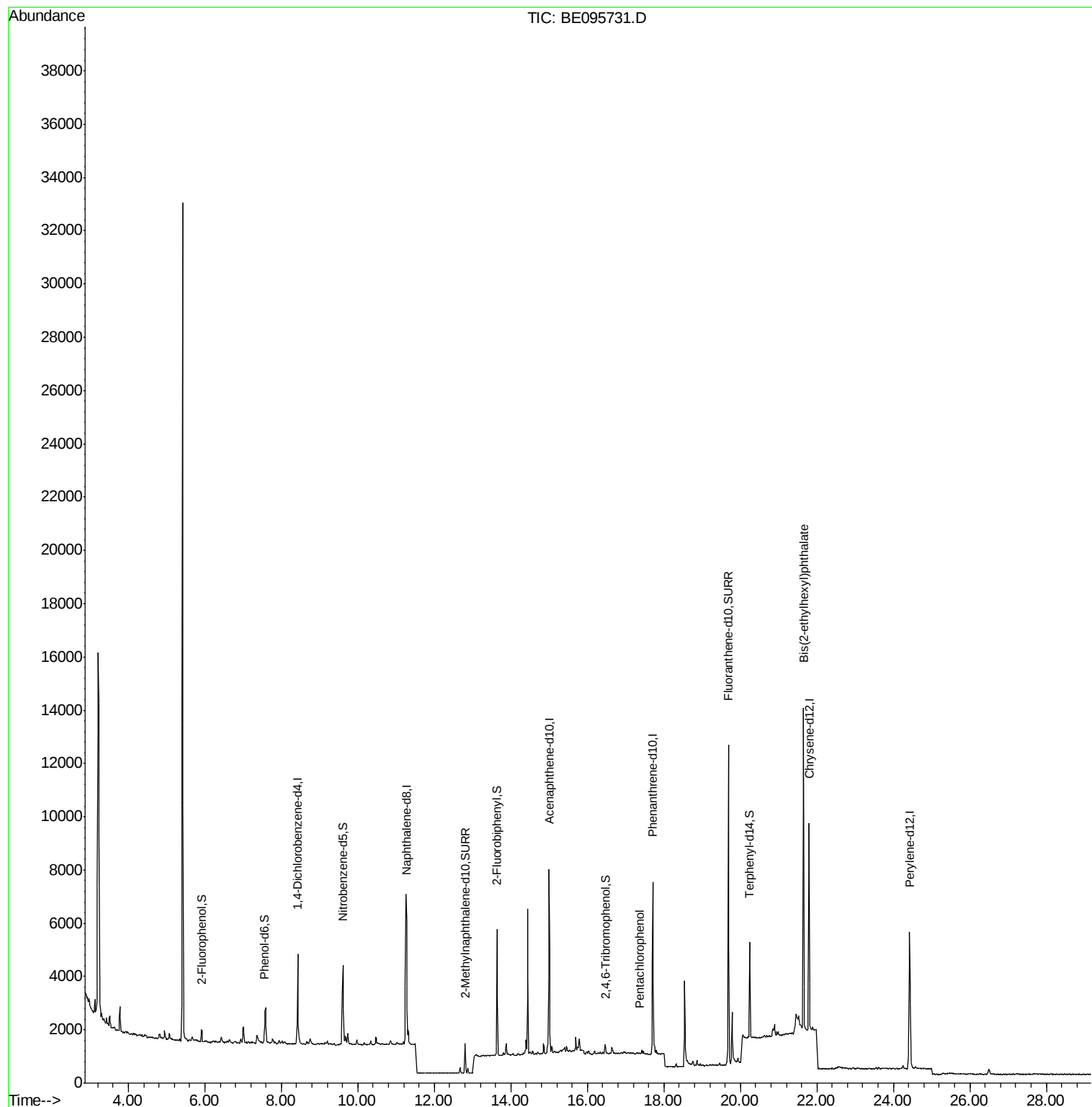
| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4      | 8.43  | 152  | 1611     | 0.40  | ng    | 0.00     |
| 7) Naphthalene-d8              | 11.27 | 136  | 6542     | 0.40  | ng    | 0.00     |
| 13) Acenaphthene-d10           | 15.00 | 164  | 3808     | 0.40  | ng    | 0.00     |
| 19) Phenanthrene-d10           | 17.71 | 188  | 8261     | 0.40  | ng    | 0.00     |
| 27) Chrysene-d12               | 21.80 | 240  | 8461     | 0.40  | ng    | 0.00     |
| 34) Perylene-d12               | 24.42 | 264  | 7964     | 0.40  | ng    | 0.00     |
| System Monitoring Compounds    |       |      |          |       |       |          |
| 4) 2-Fluorophenol              | 5.92  | 112  | 243      | 0.06  | ng    | 0.00     |
| 5) Phenol-d6                   | 7.56  | 99   | 364      | 0.06  | ng    | 0.00     |
| 8) Nitrobenzene-d5             | 9.61  | 82   | 1157     | 0.17  | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10    | 12.80 | 152  | 1505     | 0.14  | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol       | 16.47 | 330  | 213      | 0.23  | ng    | 0.00     |
| 15) 2-Fluorobiphenyl           | 13.64 | 172  | 4042     | 0.24  | ng    | 0.00     |
| 25) Fluoranthene-d10           | 19.69 | 212  | 15431    | 0.14  | ng    | 0.00     |
| 29) Terphenyl-d14              | 20.24 | 244  | 3694     | 0.22  | ng    | -0.01    |
| Target Compounds               |       |      |          |       |       | Qvalue   |
| 22) Pentachlorophenol          | 17.36 | 266  | 28       | 0.193 | ng    | 97       |
| 32) Bis(2-ethylhexyl)phthalate | 21.66 | 149  | 15199    | 0.311 | ng    | 99       |

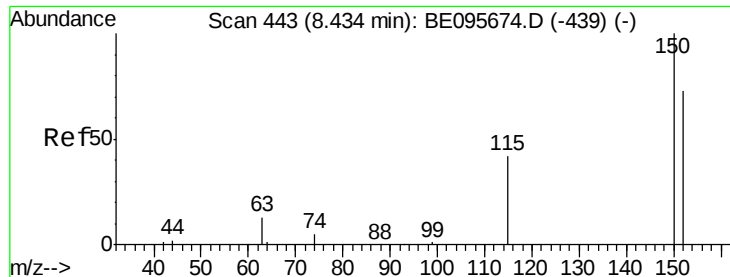
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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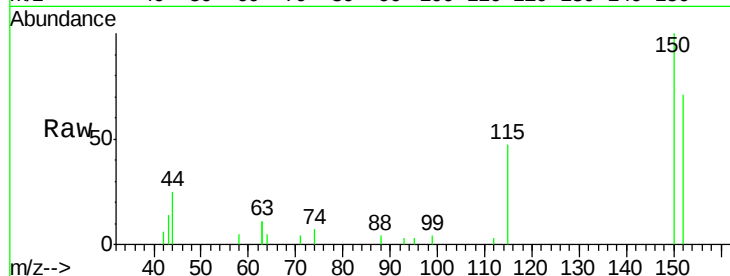


#1

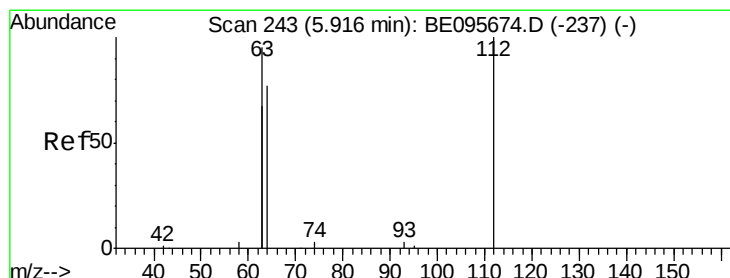
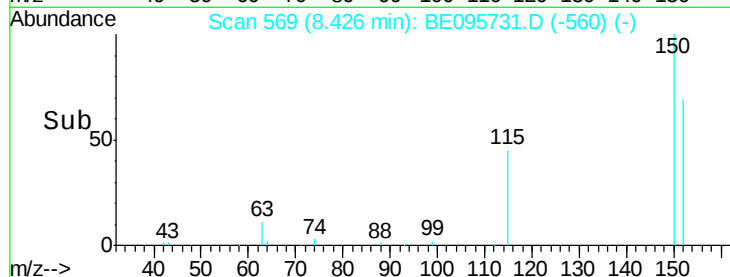
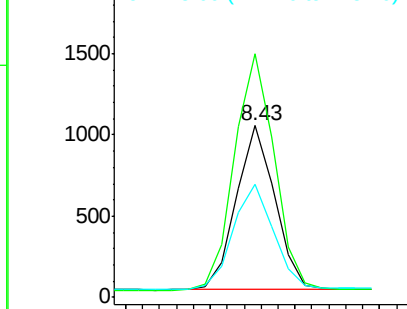
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 8.43 min Scan# 569  
Delta R.T. -0.01 min  
Lab File: BE095731.D  
Acq: 12 Mar 2018 15:43

Instrument :  
BNA\_E  
ClientSampled :  
CPS123071

Tot Ion:152 Resp: 1611  
Ion Ratio Lower Upper  
152 100  
150 141.8 117.2 175.8  
115 66.2 57.0 85.6



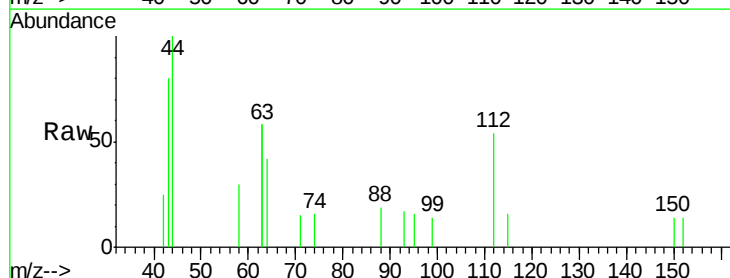
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



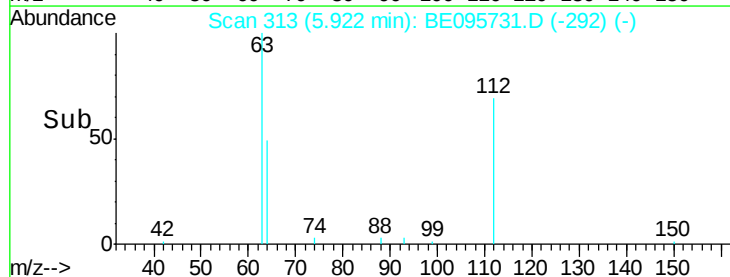
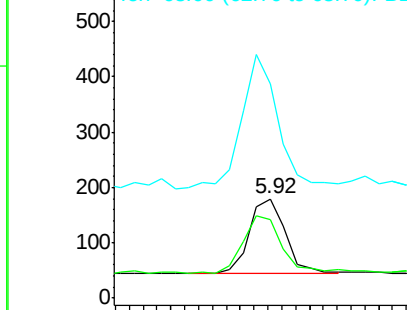
#4

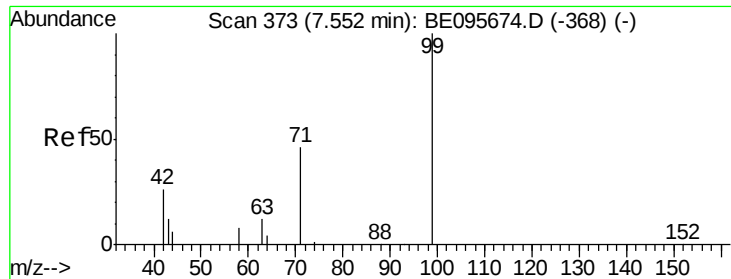
2-Fluorophenol  
Concen: 0.057 ng  
RT: 5.92 min Scan# 313  
Delta R.T. 0.01 min  
Lab File: BE095731.D  
Acq: 12 Mar 2018 15:43

Tgt Ion:112 Resp: 243  
Ion Ratio Lower Upper  
112 100  
64 83.5 60.1 90.1  
63 181.1 116.8 175.2#



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: 0.062 ng

RT: 7.56 min Scan# 480

Delta R.T. 0.00 min

Lab File: BE095731.D

Acq: 12 Mar 2018 15:43

Instrument :

BNA\_E

ClientSampleId :

CPS123071

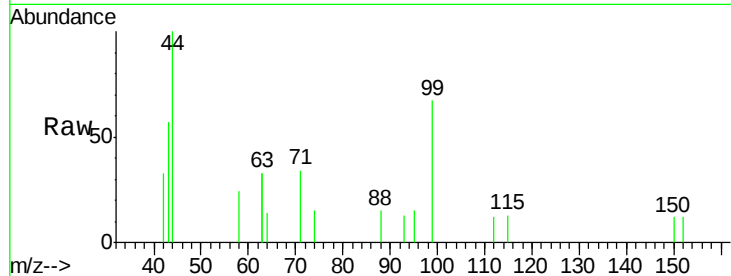
Tot Ion: 99 Resp: 364

Ion Ratio Lower Upper

99 100

42 36.0 20.2 30.2#

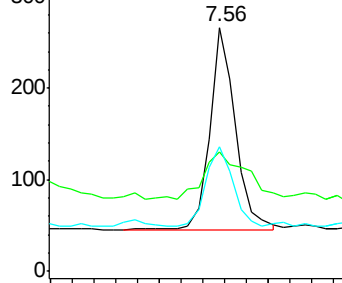
71 41.8 28.4 42.6



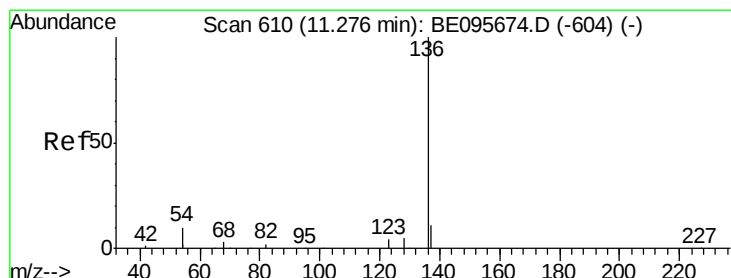
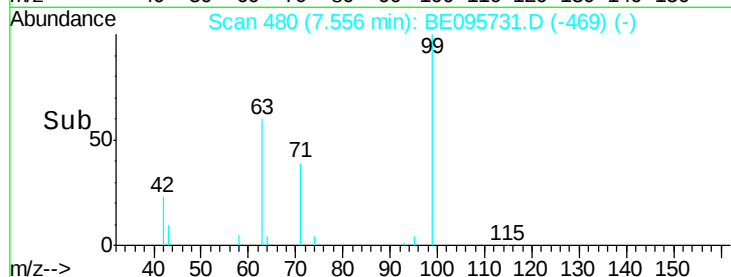
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 11.27 min Scan# 785

Delta R.T. -0.01 min

Lab File: BE095731.D

Acq: 12 Mar 2018 15:43

Tgt Ion: 136 Resp: 6542

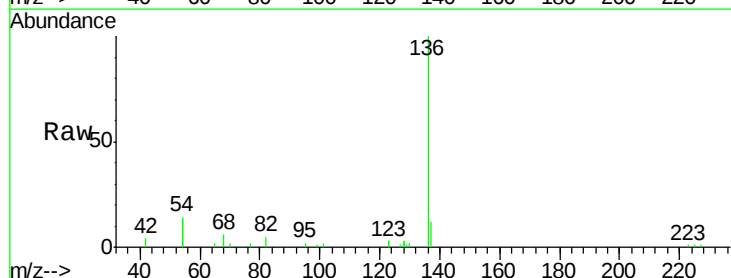
Ion Ratio Lower Upper

136 100

137 12.2 9.5 14.3

54 27.2 29.1 43.7#

68 5.9 6.2 9.2#

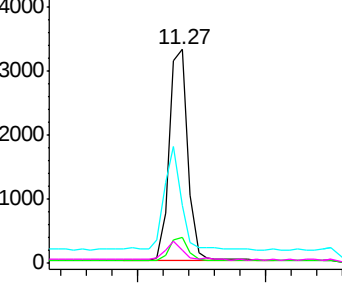


Abundance Ion 136.00 (135.70 to 136.70): E

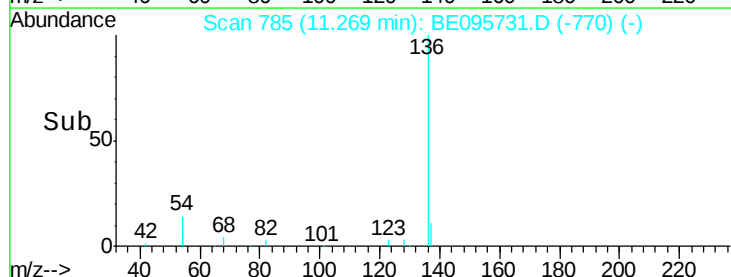
Ion 137.00 (136.70 to 137.70): E

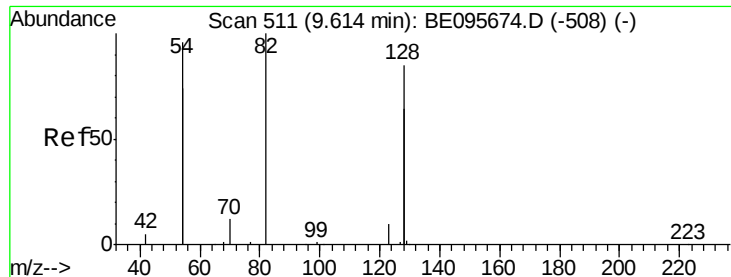
Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



Time-->





#8

Nitrobenzene-d5

Concen: 0.172 ng

RT: 9.61 min Scan# 657

Delta R.T. -0.01 min

Lab File: BE095731.D

Acq: 12 Mar 2018 15:43

Instrument :

BNA\_E

ClientSampleId :

CPS123071

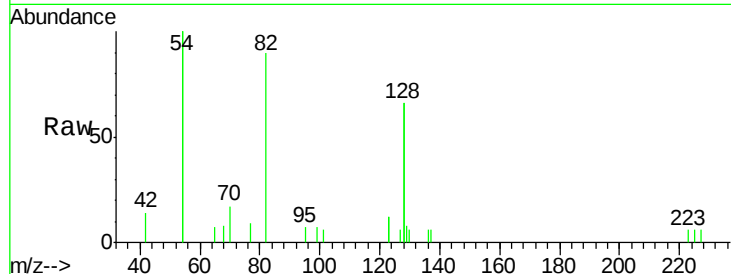
Tot Ion: 82 Resp: 1157

Ion Ratio Lower Upper

82 100

128 145.9 150.0 225.0#

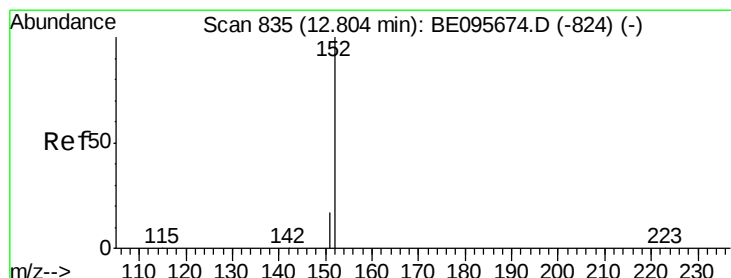
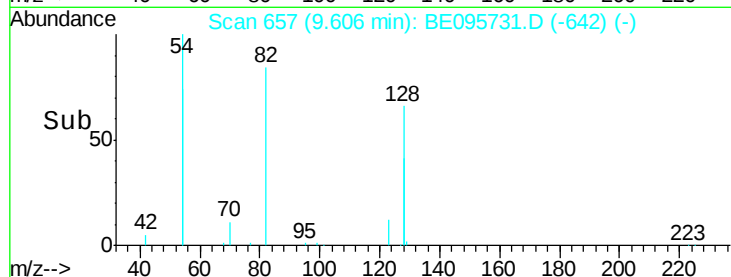
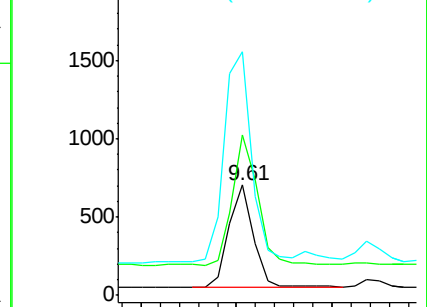
54 221.3 154.2 231.4



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: 0.138 ng

RT: 12.80 min Scan# 1073

Delta R.T. -0.00 min

Lab File: BE095731.D

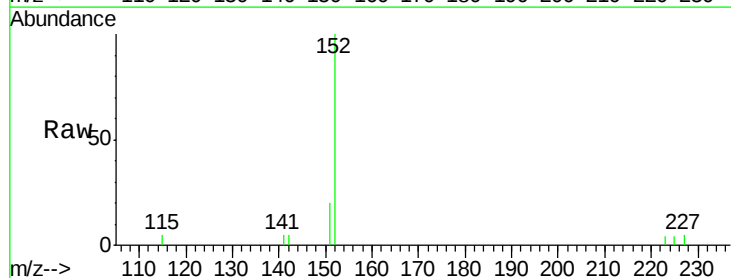
Acq: 12 Mar 2018 15:43

Tgt Ion: 152 Resp: 1505

Ion Ratio Lower Upper

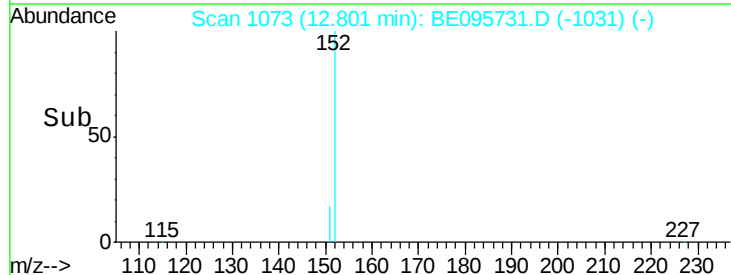
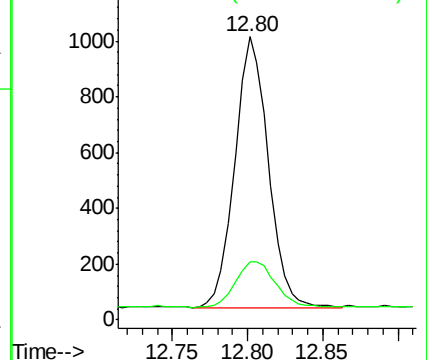
152 100

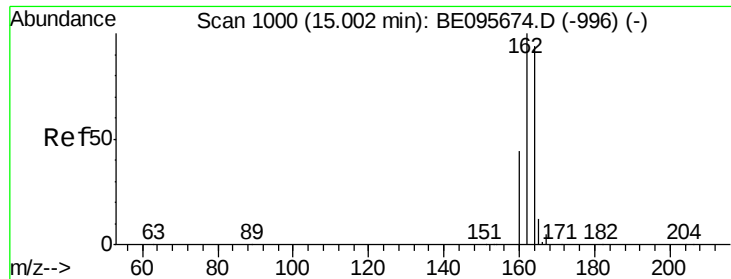
151 20.3 15.4 23.0



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: 15.00 min Scan# 1286

Delta R.T. 0.00 min

Lab File: BE095731.D

Acq: 12 Mar 2018 15:43

Instrument :

BNA\_E

ClientSampleId :

CPS123071

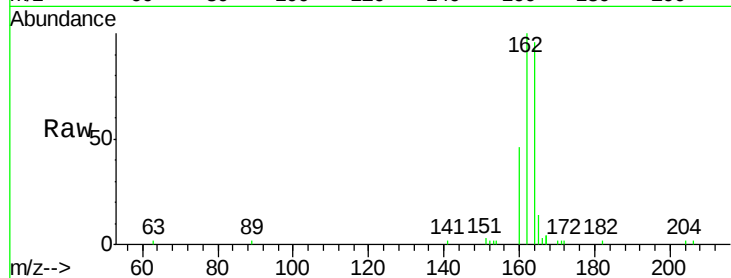
Tot Ion:164 Resp: 3808

Ion Ratio Lower Upper

164 100

162 104.3 83.1 124.7

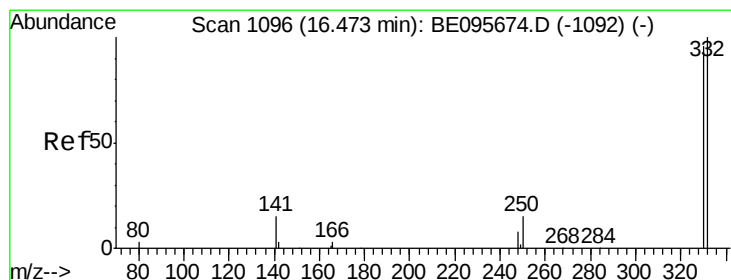
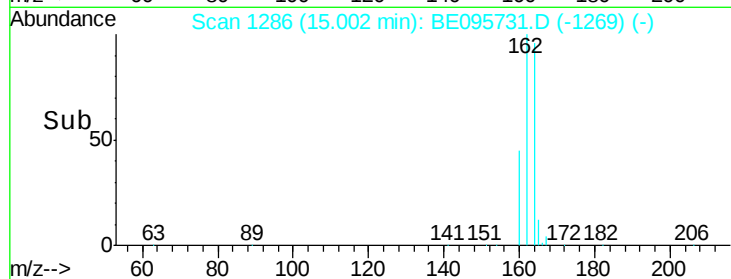
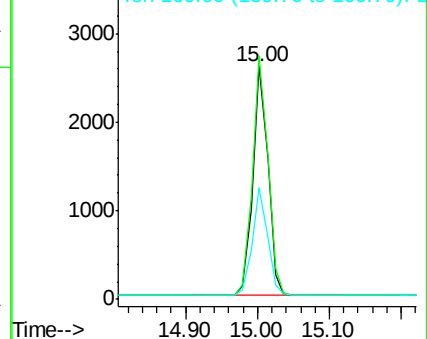
160 47.7 37.1 55.7



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: 0.232 ng

RT: 16.47 min Scan# 1409

Delta R.T. -0.00 min

Lab File: BE095731.D

Acq: 12 Mar 2018 15:43

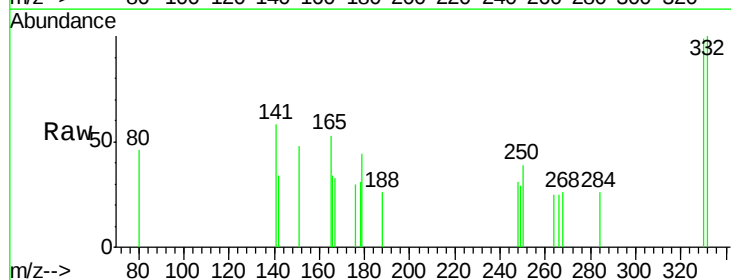
Tgt Ion:330 Resp: 213

Ion Ratio Lower Upper

330 100

332 95.8 152.7 229.1#

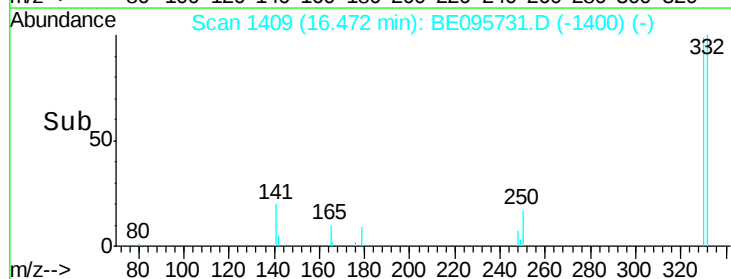
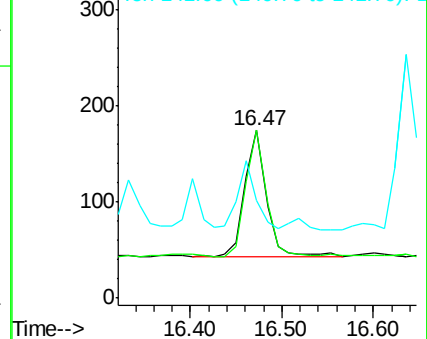
141 46.0 33.7 50.5

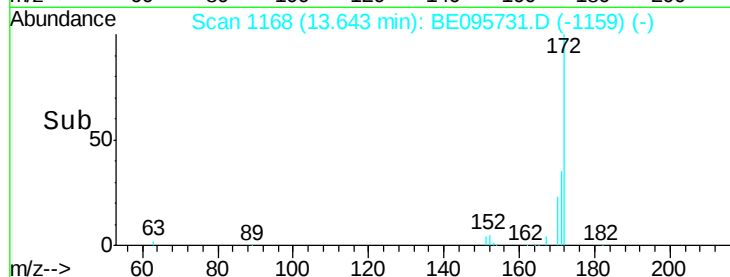
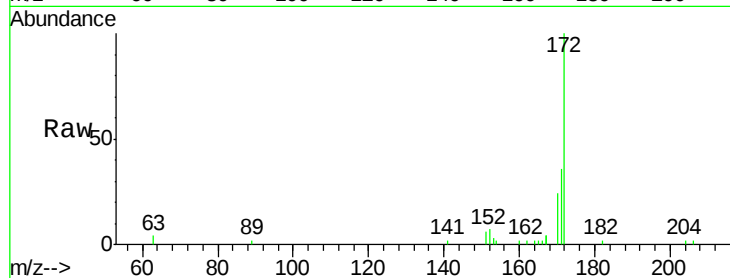
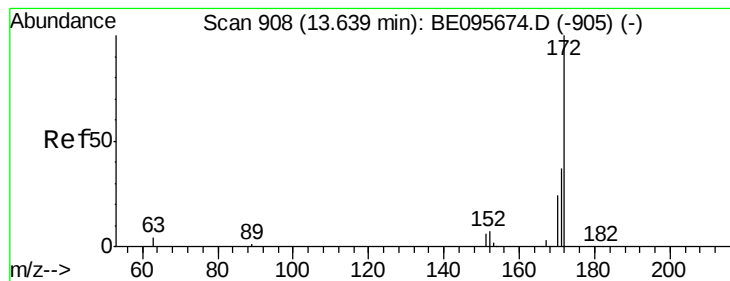


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.238 ng

RT: 13.64 min Scan# 1168

Delta R.T. 0.00 min

Lab File: BE095731.D

Acq: 12 Mar 2018 15:43

Instrument :

BNA\_E

ClientSampleId :

CPS123071

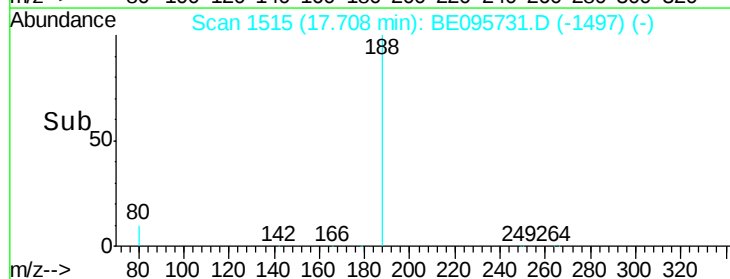
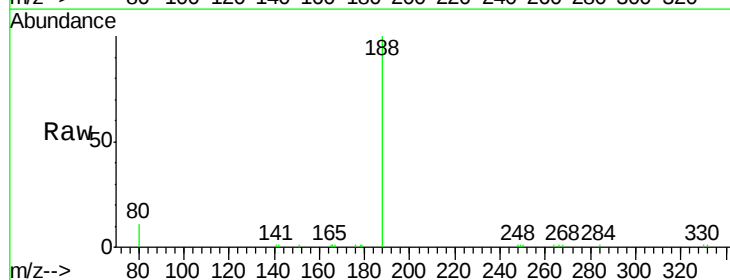
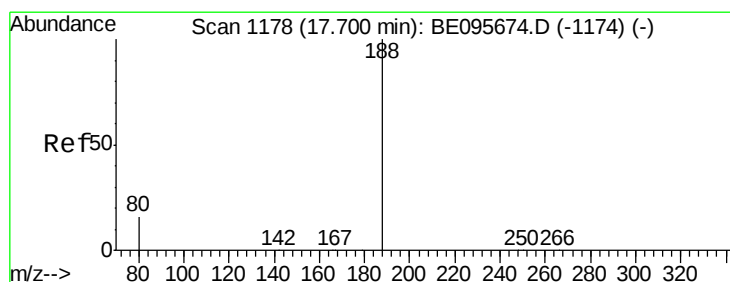
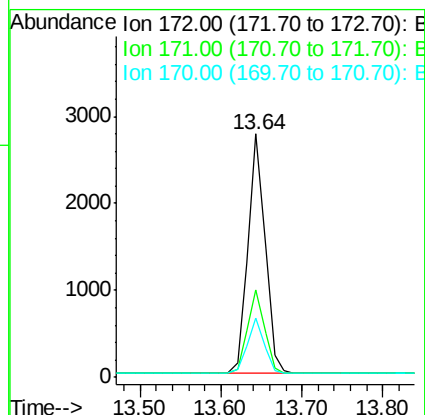
Tot Ion:172 Resp: 4042

Ion Ratio Lower Upper

172 100

171 36.0 29.9 44.9

170 24.3 21.8 32.8



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.71 min Scan# 1515

Delta R.T. 0.01 min

Lab File: BE095731.D

Acq: 12 Mar 2018 15:43

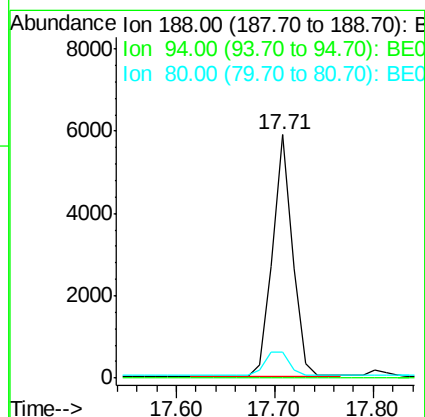
Tgt Ion:188 Resp: 8261

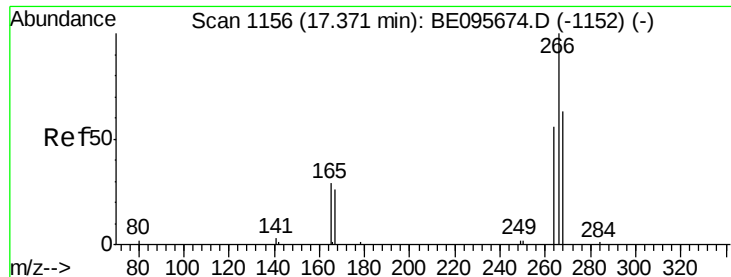
Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

80 10.9 3.6 5.4#





#22

Pentachlorophenol

Concen: 0.193 ng

RT: 17.36 min Scan# 1485

Delta R.T. -0.01 min

Lab File: BE095731.D

Acq: 12 Mar 2018 15:43

Instrument :

BNA\_E

ClientSampleId :

CPS123071

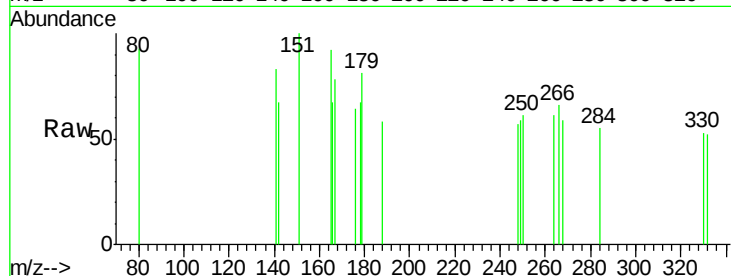
Tot Ion:266 Resp: 28

Ion Ratio Lower Upper

266 100

264 92.7 72.5 108.7

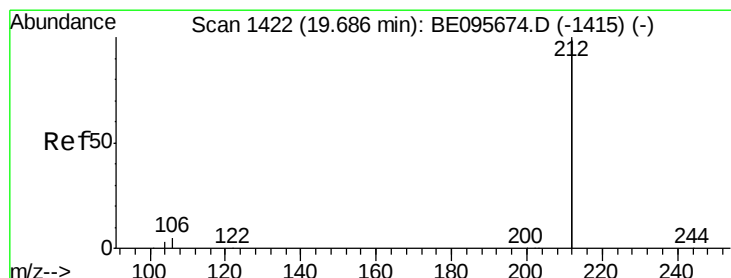
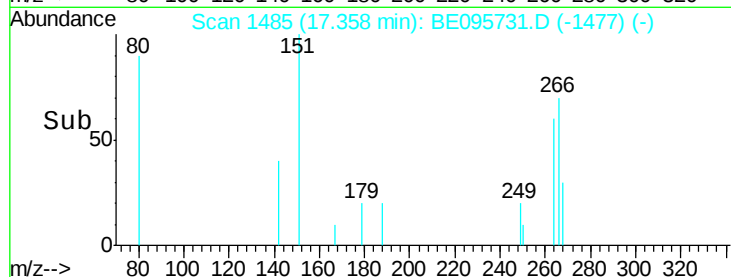
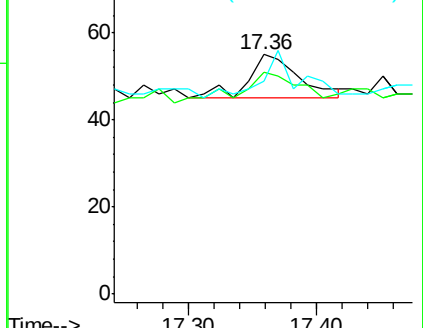
268 89.1 73.8 110.6



Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



#25

Fluoranthene-d10

Concen: 0.143 ng

RT: 19.69 min Scan# 1829

Delta R.T. 0.00 min

Lab File: BE095731.D

Acq: 12 Mar 2018 15:43

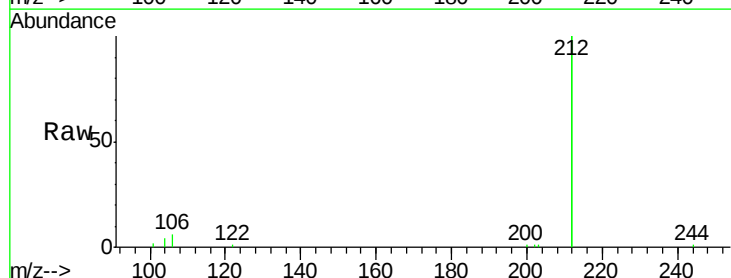
Tgt Ion:212 Resp: 15431

Ion Ratio Lower Upper

212 100

106 3.3 2.8 4.2

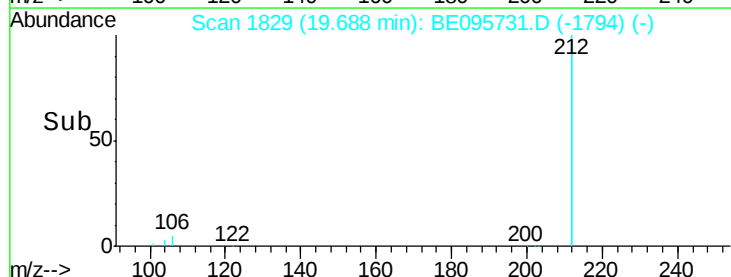
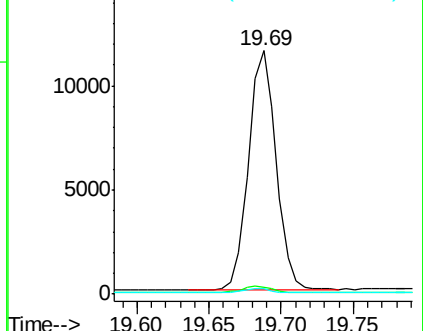
104 1.9 1.6 2.4

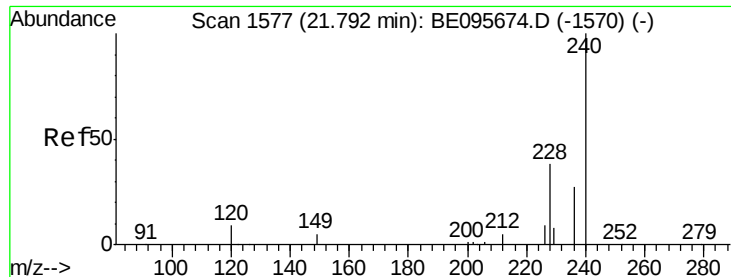


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

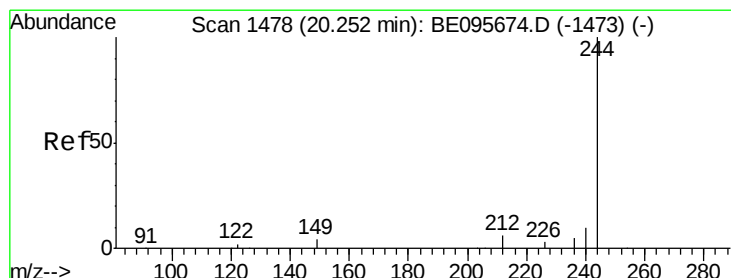
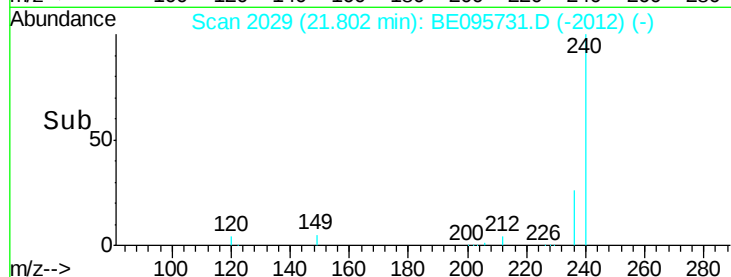
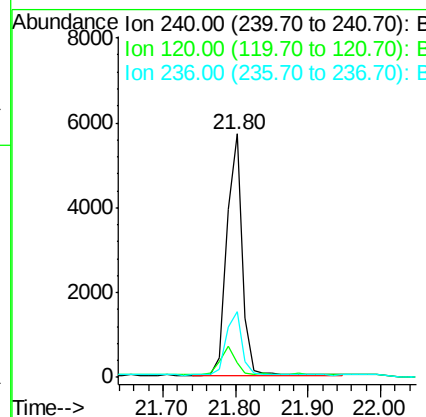
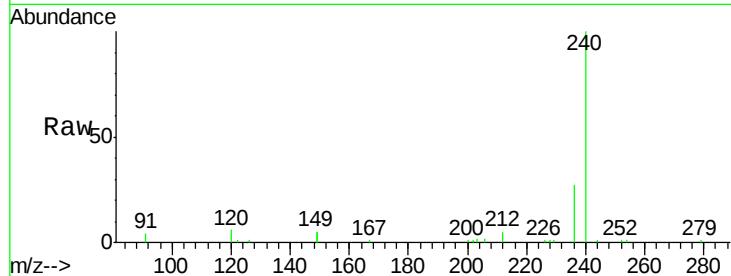




#27  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.80 min Scan# 2029  
Delta R.T. 0.01 min  
Lab File: BE095731.D  
Acq: 12 Mar 2018 15:43

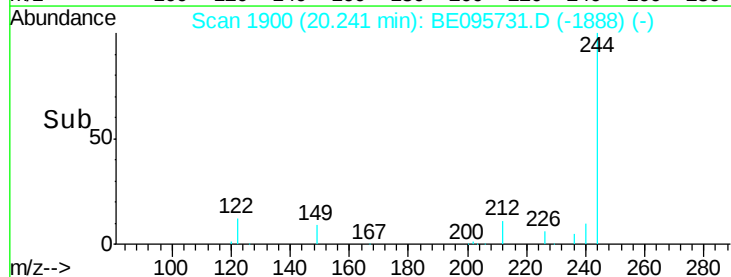
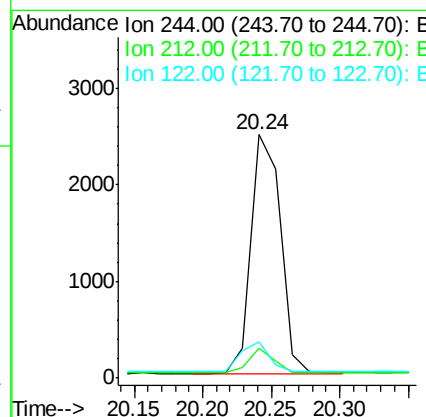
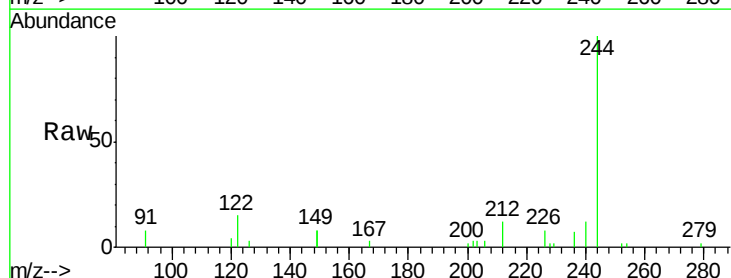
Instrument :  
BNA\_E  
ClientSampleId :  
CPS123071

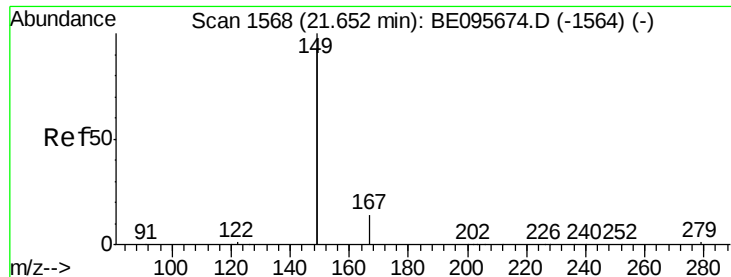
Tot Ion:240 Resp: 8461  
Ion Ratio Lower Upper  
240 100  
120 5.8 5.5 8.3  
236 27.0 20.7 31.1



#29  
Terphenyl-d14  
Concen: 0.219 ng  
RT: 20.24 min Scan# 1900  
Delta R.T. -0.01 min  
Lab File: BE095731.D  
Acq: 12 Mar 2018 15:43

Tgt Ion:244 Resp: 3694  
Ion Ratio Lower Upper  
244 100  
212 12.4 25.4 38.0#  
122 14.9 8.1 12.1#





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.311 ng

RT: 21.66 min Scan# 2017

Delta R.T. 0.00 min

Lab File: BE095731.D

Acq: 12 Mar 2018 15:43

Instrument :

BNA\_E

ClientSampleId :

CPS123071

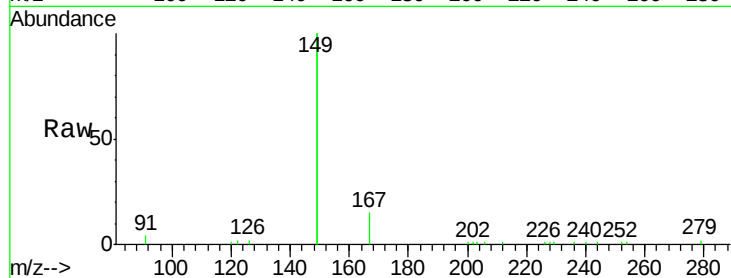
Tot Ion:149 Resp: 15199

Ion Ratio Lower Upper

149 100

167 7.0 5.4 8.0

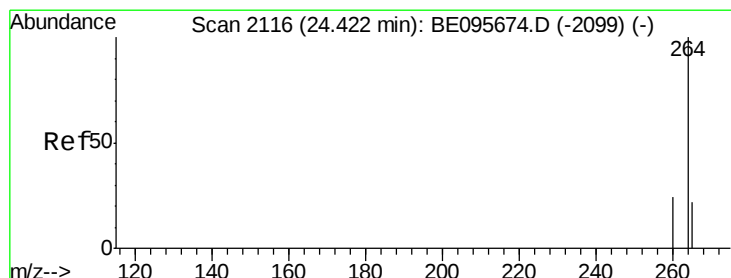
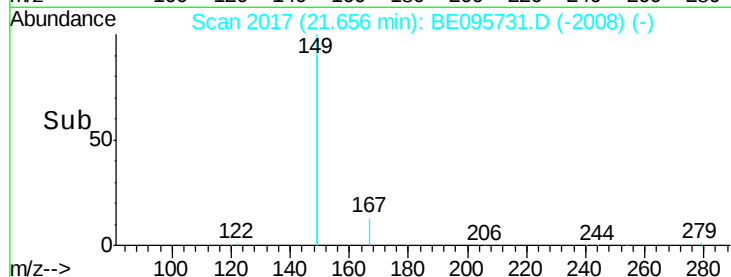
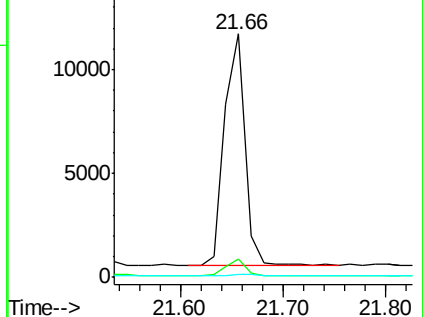
279 0.8 0.7 1.1



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: 24.42 min Scan# 2718

Delta R.T. 0.00 min

Lab File: BE095731.D

Acq: 12 Mar 2018 15:43

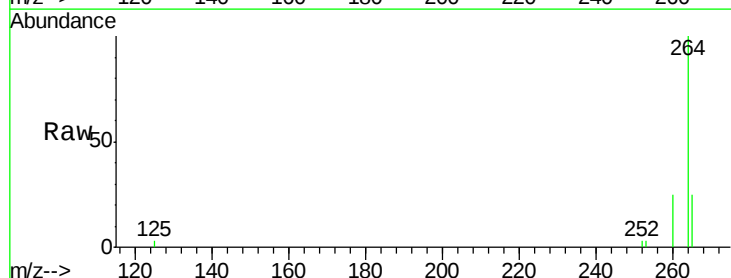
Tgt Ion:264 Resp: 7964

Ion Ratio Lower Upper

264 100

260 25.1 20.5 30.7

265 24.8 22.8 34.2



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

