

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE051017\
 Data File : BE092986.D
 Acq On : 10 May 2017 17:40
 Operator : SJ/MA
 Sample : I2893-17RE
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 3076-FBRE

Quant Time: May 11 05:26:26 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE051017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 10 03:43:15 2017
 Response via : Initial Calibration

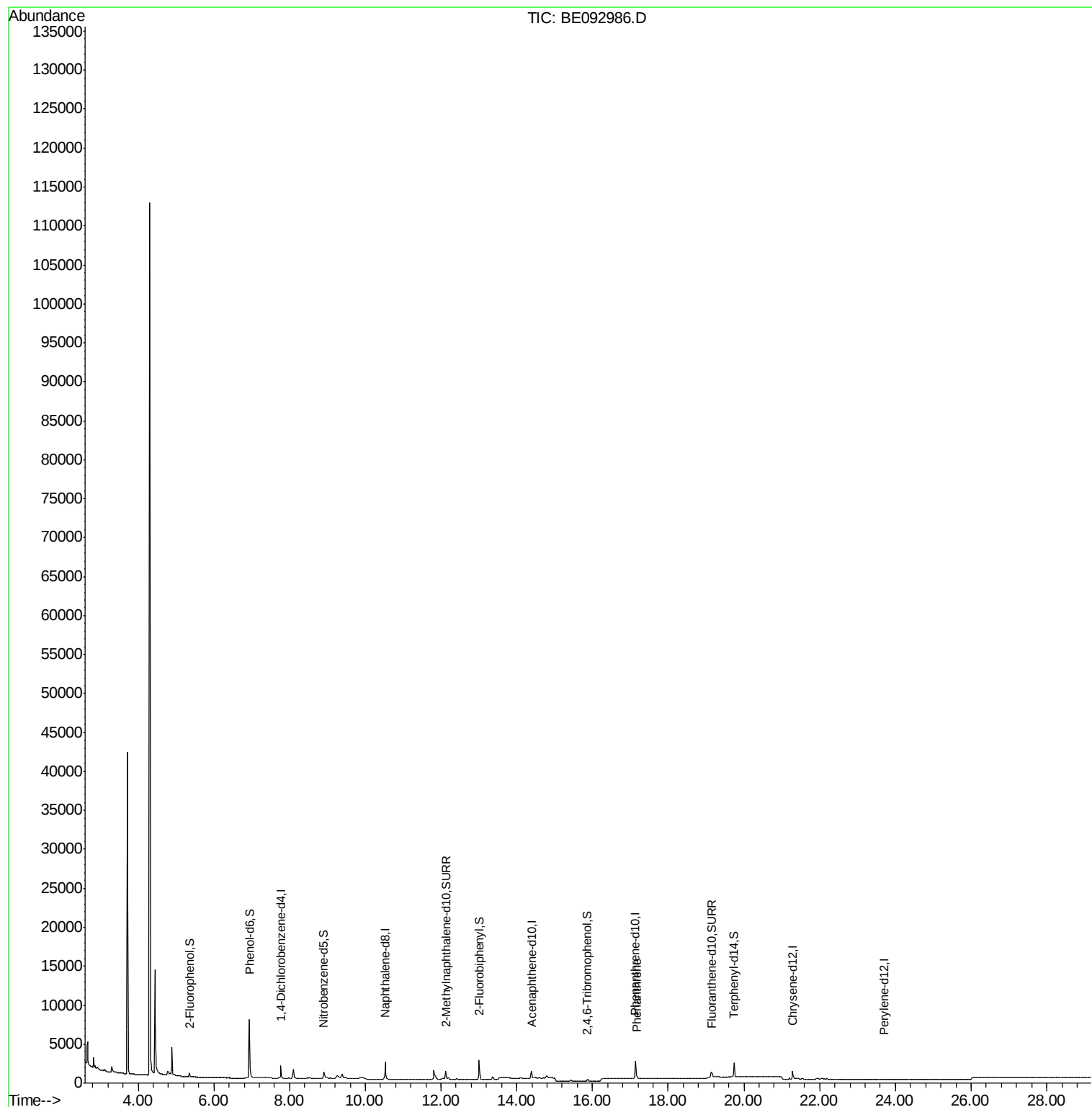
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	763	0.40	ng	0.00
7) Naphthalene-d8	10.53	136	3013	0.40	ng	0.00
13) Acenaphthene-d10	14.39	164	542	0.40	ng	0.00
19) Phenanthrene-d10	17.13	188	3088	0.40	ng	0.00
26) Chrysene-d12	21.28	240	1517	0.40	ng	0.00
33) Perylene-d12	23.71	264	27	0.40	ng	0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	345	0.16	ng	0.00
5) Phenol-d6	6.94	99	434	0.16	ng	0.00
8) Nitrobenzene-d5	8.90	82	842	0.36	ng	0.00
11) 2-Methylnaphthalene-d10	12.13	152	1595	0.38	ng	0.00
14) 2,4,6-Tribromophenol	15.87	330	140	0.99	ng	-0.01
15) 2-Fluorobiphenyl	13.01	172	2310	1.14	ng	0.00
24) Fluoranthene-d10	19.15	212	1253	0.16	ng	0.00
28) Terphenyl-d14	19.74	244	2239	0.96	ng	0.00
Target Compounds						Qvalue
22) Phenanthrene	17.18	178	235	0.03	ng	# 91

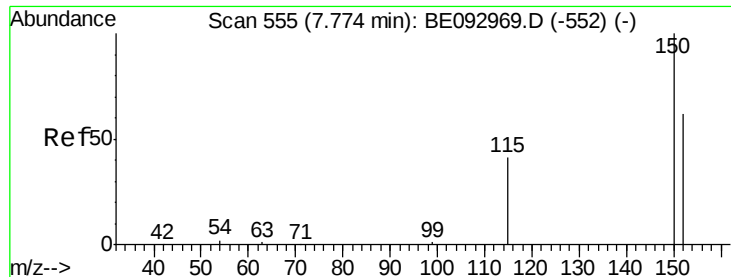
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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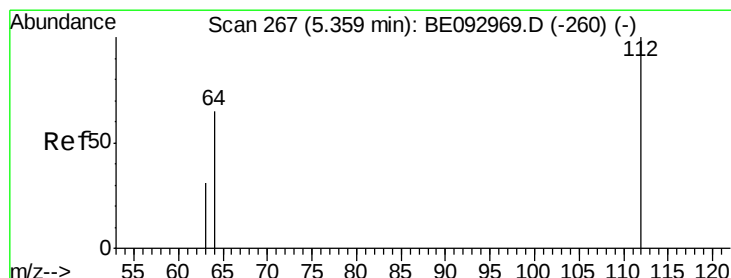
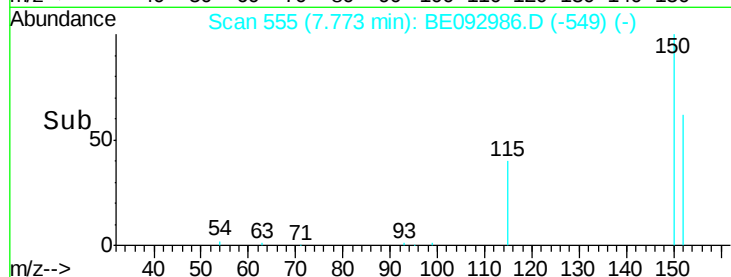
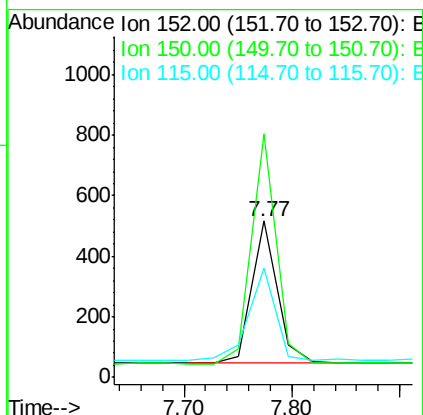
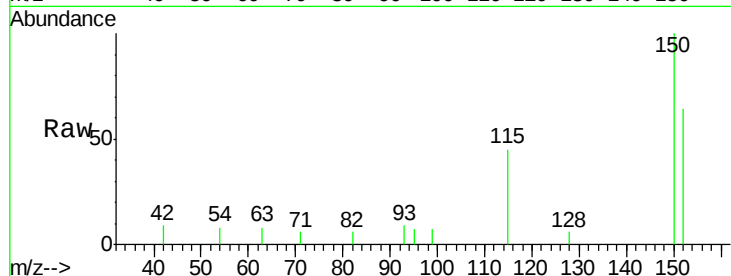


#1

1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.77 min Scan# 555
Delta R.T. -0.00 min
Lab File: BE092986.D
Acq: 10 May 2017 17:40

Instrument :
BNA_E
ClientSampleId :
3076-FBRE

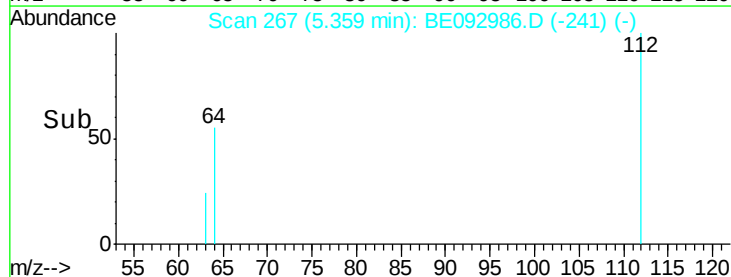
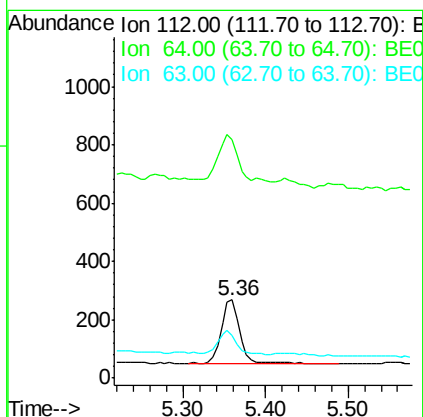
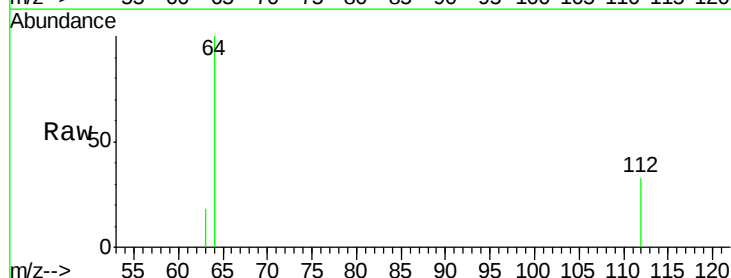
Tgt Ion:152 Resp: 763
Ion Ratio Lower Upper
152 100
150 155.5 125.1 187.7
115 69.4 55.7 83.5

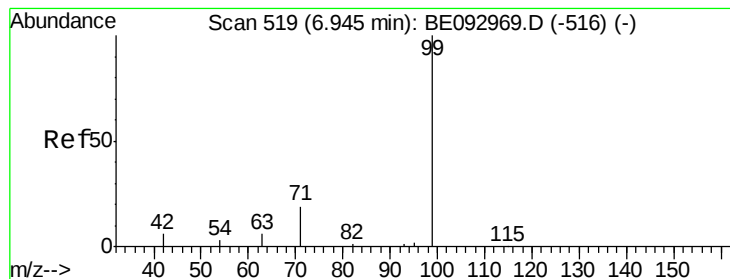


#4

2-Fluorophenol
Concen: 0.16 ng
RT: 5.36 min Scan# 267
Delta R.T. 0.00 min
Lab File: BE092986.D
Acq: 10 May 2017 17:40

Tgt Ion:112 Resp: 345
Ion Ratio Lower Upper
112 100
64 79.1 56.4 84.6
63 36.2 29.3 43.9





#5

Phenol-d6

Concen: 0.16 ng

RT: 6.94 min Scan# 519

Delta R.T. -0.00 min

Lab File: BE092986.D

Acq: 10 May 2017 17:40

Instrument :

BNA_E

ClientSampleId :

3076-FBRE

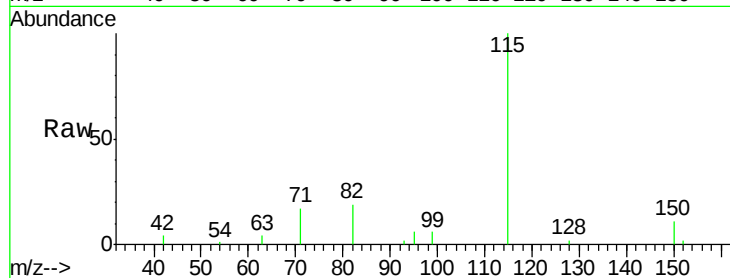
Tgt Ion: 99 Resp: 434

Ion Ratio Lower Upper

99 100

42 0.0 0.0 0.0

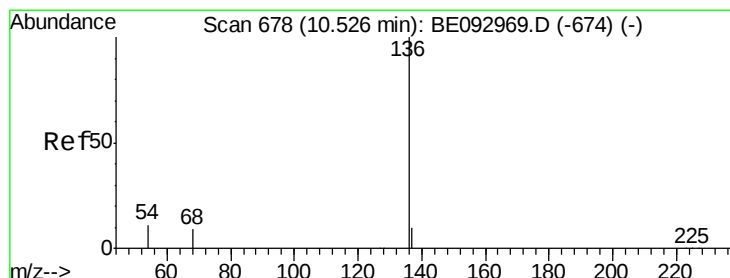
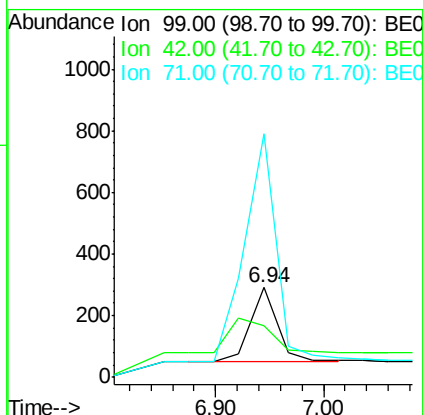
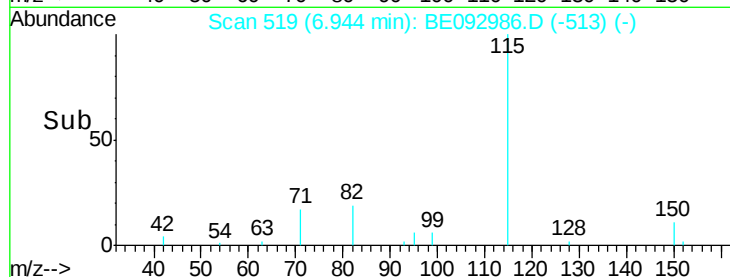
71 352.3 0.0 0.0#



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: 0.40 ng

RT: 10.53 min Scan# 678

Delta R.T. 0.00 min

Lab File: BE092986.D

Acq: 10 May 2017 17:40

Tgt Ion: 136 Resp: 3013

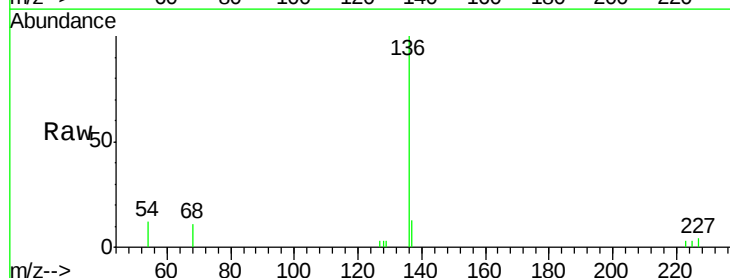
Ion Ratio Lower Upper

136 100

137 13.1 9.8 14.8

54 12.1 10.3 15.5

68 11.0 9.0 13.4

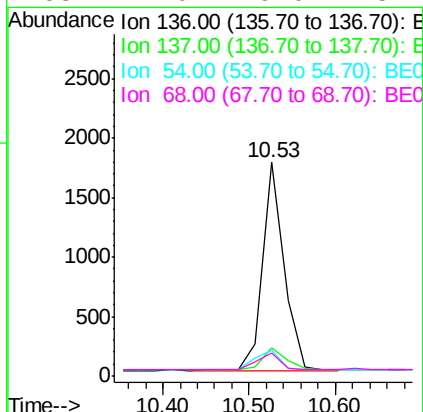
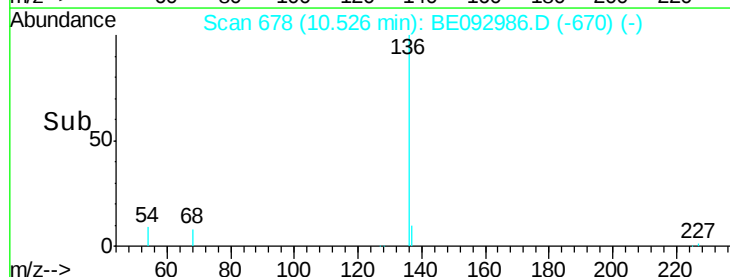


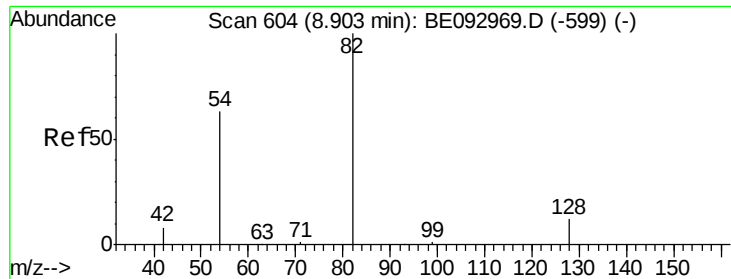
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.36 ng

RT: 8.90 min Scan# 604

Delta R.T. -0.00 min

Lab File: BE092986.D

Acq: 10 May 2017 17:40

Instrument :

BNA_E

ClientSampleId :

3076-FBRE

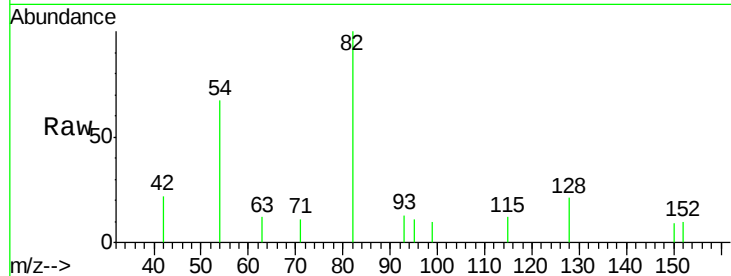
Tgt Ion: 82 Resp: 842

Ion Ratio Lower Upper

82 100

128 21.2 17.0 25.4

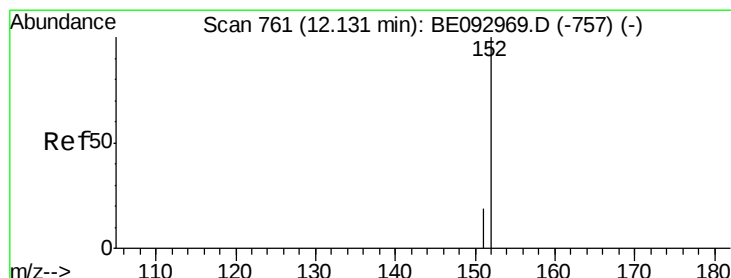
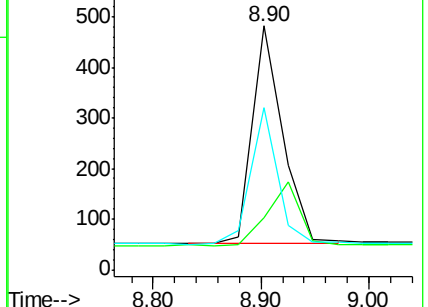
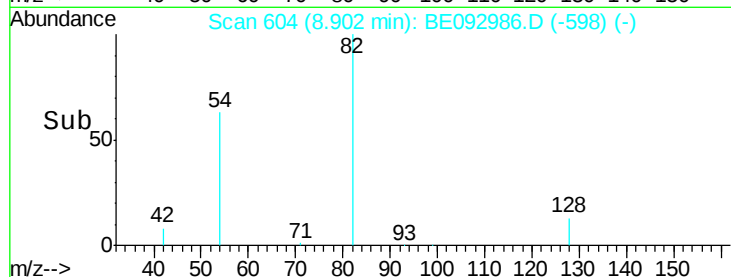
54 66.6 53.8 80.6



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: 0.38 ng

RT: 12.13 min Scan# 761

Delta R.T. -0.00 min

Lab File: BE092986.D

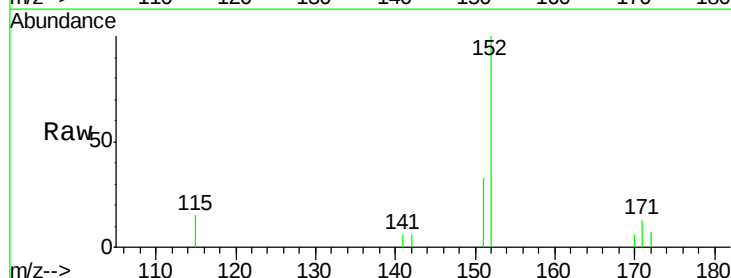
Acq: 10 May 2017 17:40

Tgt Ion: 152 Resp: 1595

Ion Ratio Lower Upper

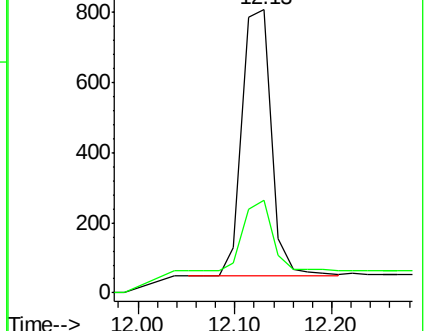
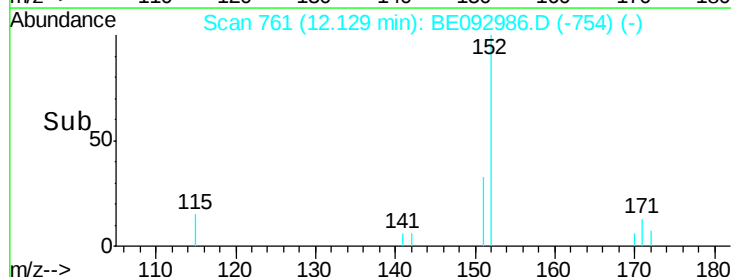
152 100

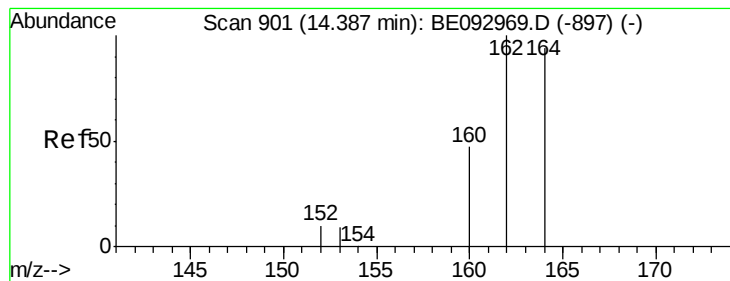
151 26.1 15.1 22.7#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E





#13

Acenaphthene-d10

Concen: 0.40 ng

RT: 14.39 min Scan# 901

Delta R.T. -0.00 min

Lab File: BE092986.D

Acq: 10 May 2017 17:40

Instrument :

BNA_E

ClientSampleId :

3076-FBRE

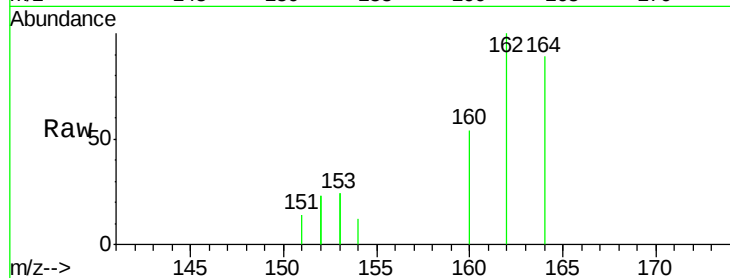
Tgt Ion:164 Resp: 542

Ion Ratio Lower Upper

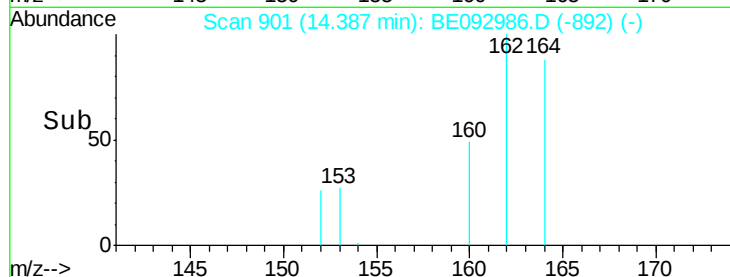
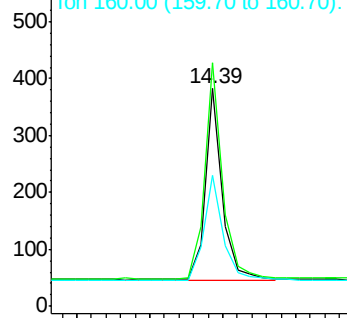
164 100

162 112.0 84.6 127.0

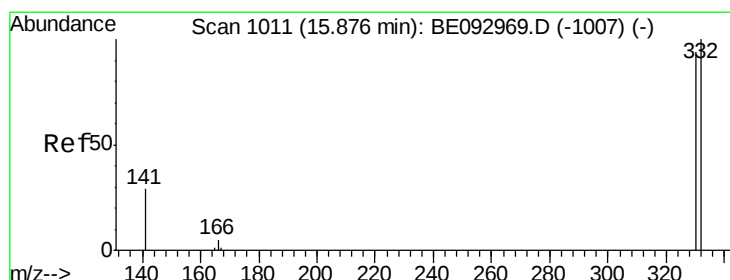
160 60.5 41.8 62.6



Abundance Ion 164.00 (163.70 to 164.70): E



Time-->



#14

2,4,6-Tribromophenol

Concen: 0.99 ng

RT: 15.87 min Scan# 1010

Delta R.T. -0.01 min

Lab File: BE092986.D

Acq: 10 May 2017 17:40

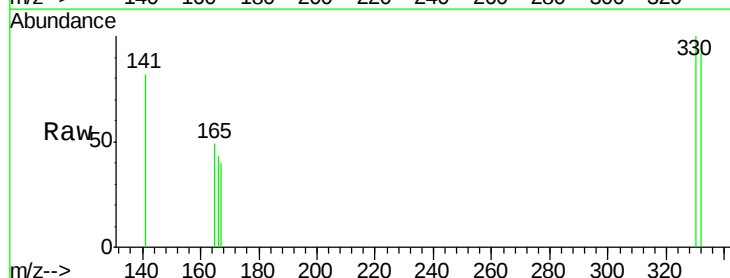
Tgt Ion:330 Resp: 140

Ion Ratio Lower Upper

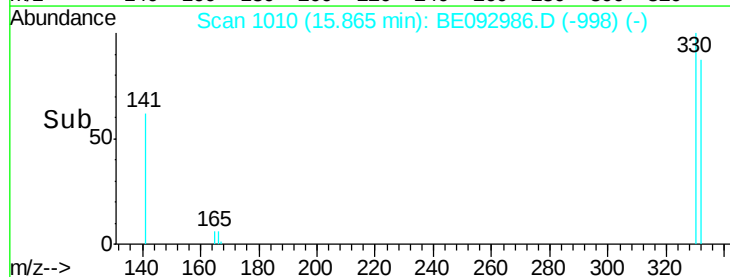
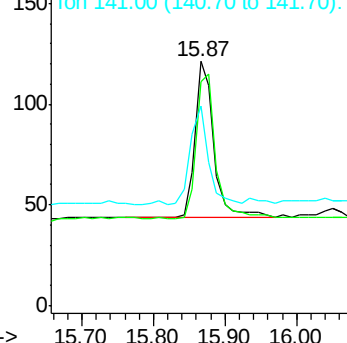
330 100

332 100.0 77.7 116.5

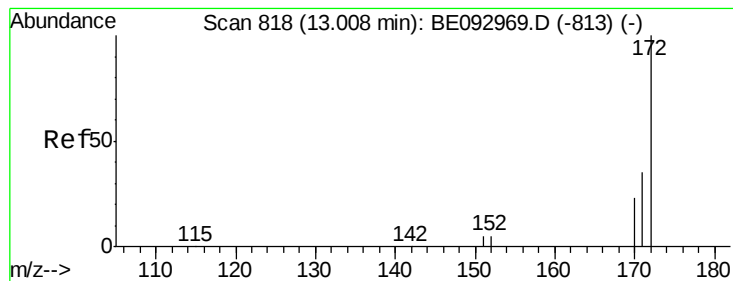
141 64.3 56.2 84.4



Abundance Ion 330.00 (329.70 to 330.70): E



Time-->



#15

2-Fluorobiphenyl

Concen: 1.14 ng

RT: 13.01 min Scan# 818

Delta R.T. -0.00 min

Lab File: BE092986.D

Acq: 10 May 2017 17:40

Instrument :

BNA_E

ClientSampleId :

3076-FBRE

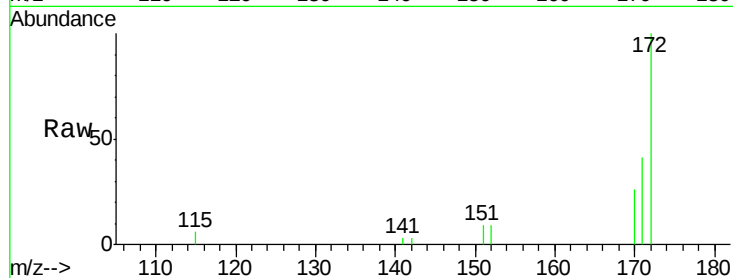
Tgt Ion:172 Resp: 2310

Ion Ratio Lower Upper

172 100

171 41.0 29.8 44.6

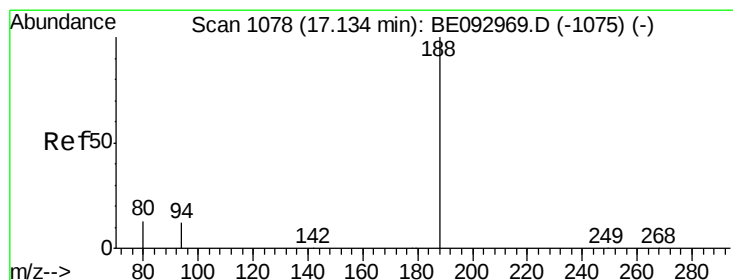
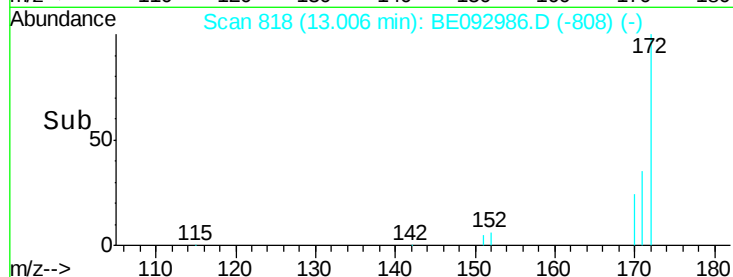
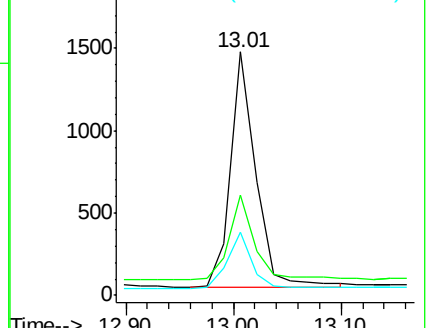
170 26.0 20.7 31.1



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: 0.40 ng

RT: 17.13 min Scan# 1077

Delta R.T. -0.00 min

Lab File: BE092986.D

Acq: 10 May 2017 17:40

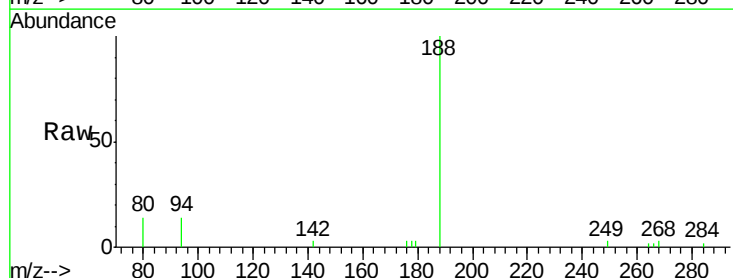
Tgt Ion:188 Resp: 3088

Ion Ratio Lower Upper

188 100

94 14.0 11.3 16.9

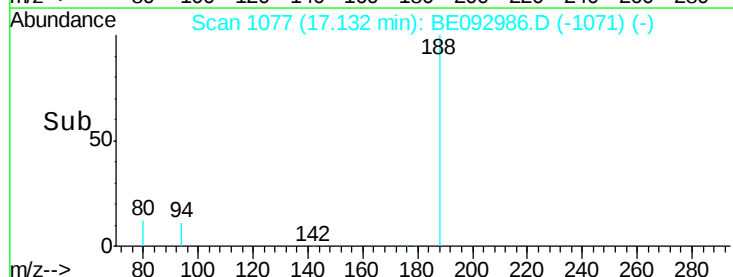
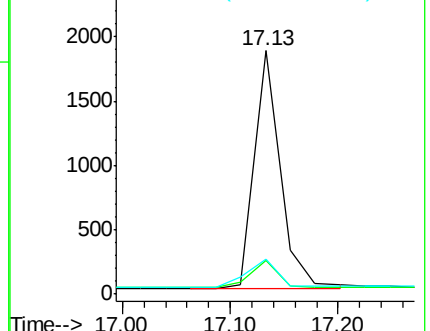
80 14.2 11.7 17.5

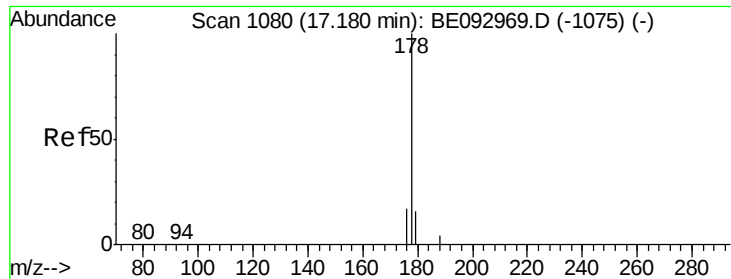


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0





#22

Phenanthrene

Concen: 0.03 ng

RT: 17.18 min Scan# 1079

Delta R.T. -0.00 min

Lab File: BE092986.D

Acq: 10 May 2017 17:40

Instrument :

BNA_E

ClientSampleId :

3076-FBRE

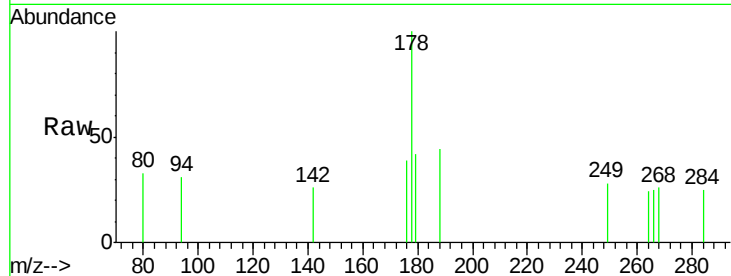
Tgt Ion:178 Resp: 235

Ion Ratio Lower Upper

178 100

176 21.3 15.0 22.4

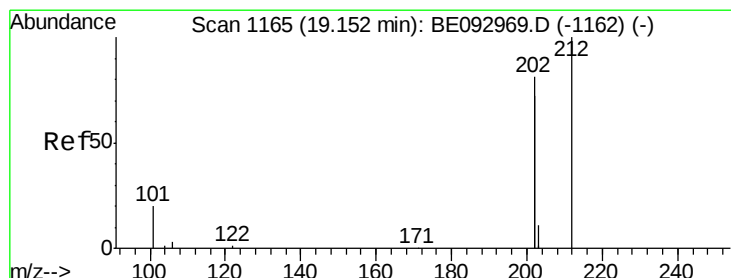
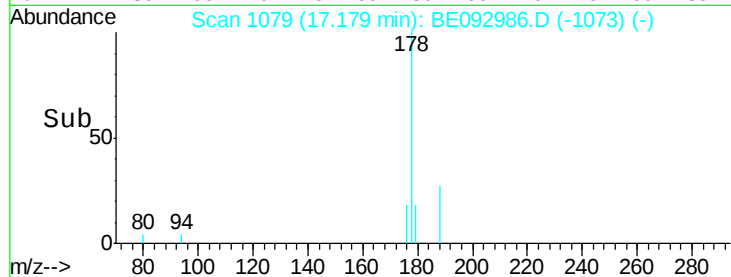
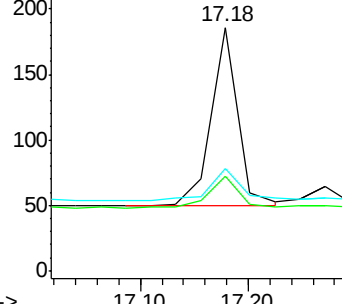
179 21.3 12.7 19.1#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Fluoranthene-d10

Concen: 0.16 ng

RT: 19.15 min Scan# 1165

Delta R.T. 0.00 min

Lab File: BE092986.D

Acq: 10 May 2017 17:40

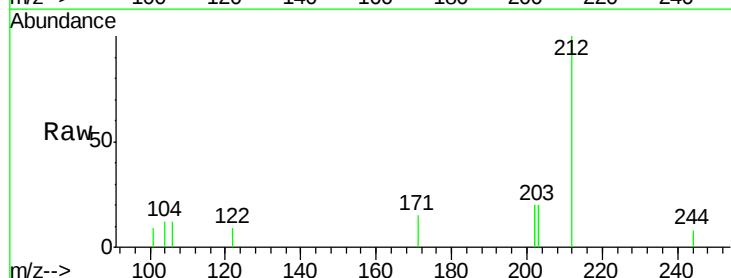
Tgt Ion:212 Resp: 1253

Ion Ratio Lower Upper

212 100

106 0.0 0.0 0.0

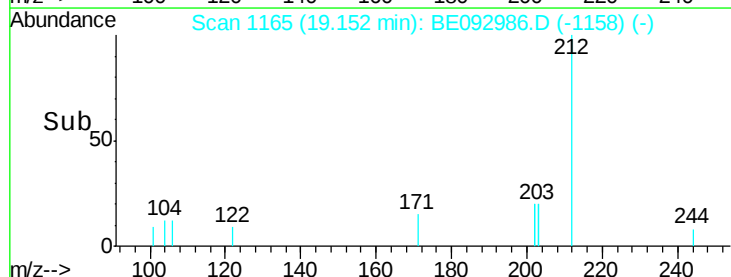
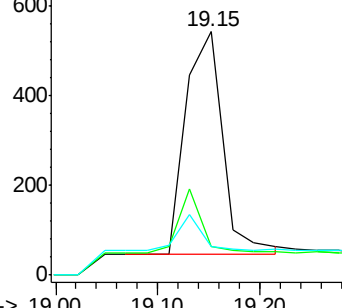
104 0.0 0.0 0.0

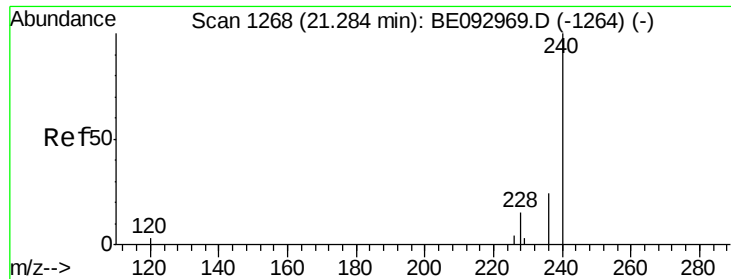


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E





#26

Chrysene-d12

Concen: 0.40 ng

RT: 21.28 min Scan# 1268

Delta R.T. -0.00 min

Lab File: BE092986.D

Acq: 10 May 2017 17:40

Instrument :

BNA_E

ClientSampleId :

3076-FBRE

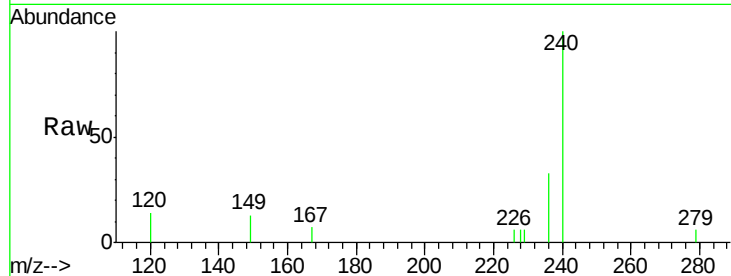
Tgt Ion:240 Resp: 1517

Ion Ratio Lower Upper

240 100

120 14.2 4.6 7.0#

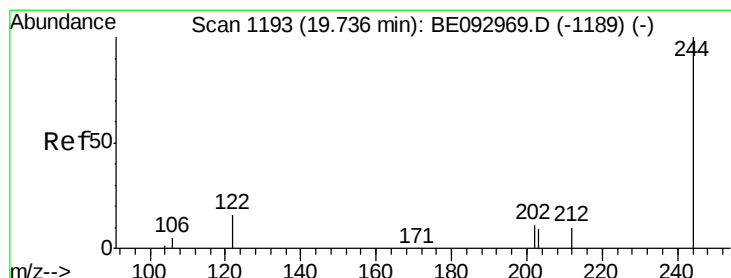
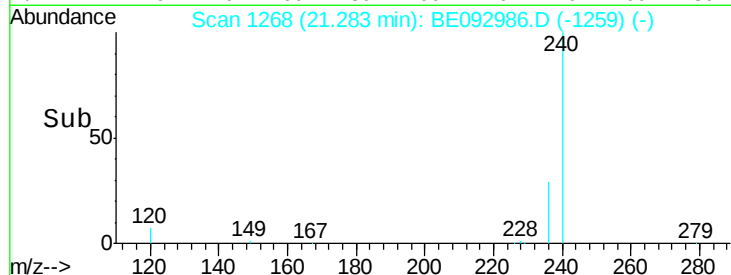
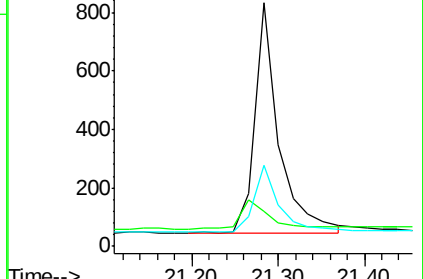
236 33.1 20.8 31.2#



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



#28

Terphenyl-d14

Concen: 0.96 ng

RT: 19.74 min Scan# 1193

Delta R.T. 0.00 min

Lab File: BE092986.D

Acq: 10 May 2017 17:40

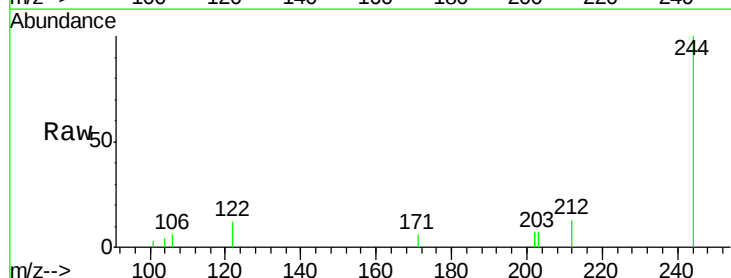
Tgt Ion:244 Resp: 2239

Ion Ratio Lower Upper

244 100

212 12.6 10.6 16.0

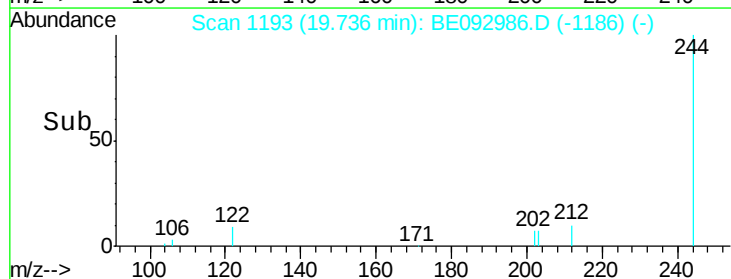
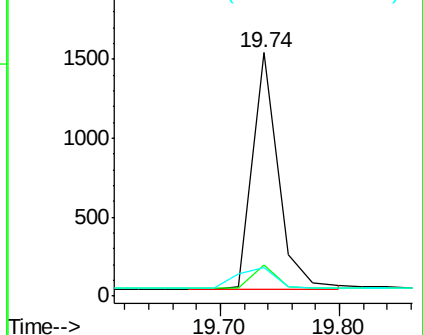
122 11.8 15.4 23.0#

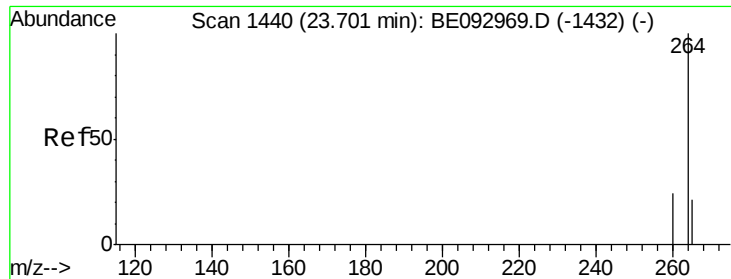


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#33

Perylene-d12

Concen: 0.40 ng

RT: 23.71 min Scan# 1441

Delta R.T. 0.01 min

Lab File: BE092986.D

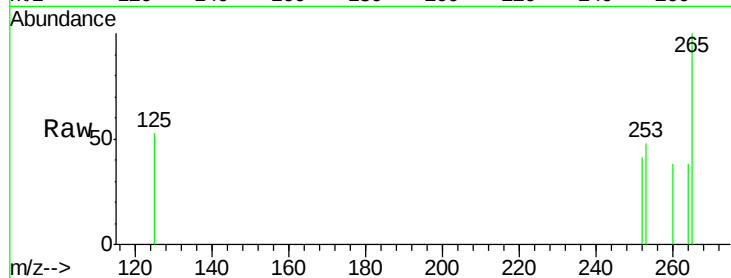
Acq: 10 May 2017 17:40

Instrument :

BNA_E

ClientSampleId :

3076-FBRE



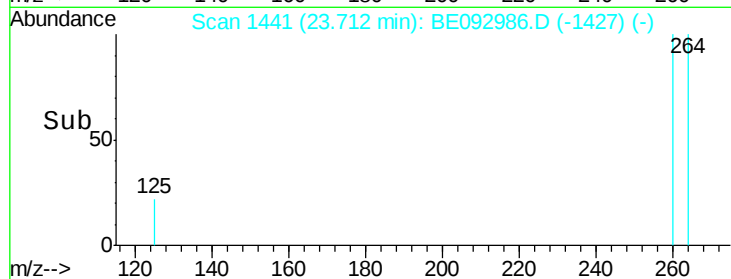
Tgt Ion: 264 Resp: 27

Ion Ratio Lower Upper

264 100

260 98.2 21.0 31.4#

265 260.7 24.6 36.8#



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

