

Data Path : S:\HPCHEM1\BNA_E\DATA\BE050517\
 Data File : BE092956.D
 Acq On : 6 May 2017 7:36
 Operator : SJ/MA
 Sample : I2893-14
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 3073-PA4

Quant Time: May 08 09:29:10 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE050517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 05 14:05:07 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	929	0.40	ng	0.00
7) Naphthalene-d8	10.52	136	4169	0.40	ng	0.00
13) Acenaphthene-d10	14.39	164	2263	0.40	ng	0.00
19) Phenanthrene-d10	17.13	188	5277	0.40	ng	0.00
26) Chrysene-d12	21.28	240	6448	0.40	ng	0.00
33) Perylene-d12	23.70	264	5361	0.40	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.37	112	456	0.22	ng	0.01
5) Phenol-d6	6.94	99	419	0.14	ng	0.00
8) Nitrobenzene-d5	8.90	82	1302	0.46	ng	0.00
11) 2-Methylnaphthalene-d10	12.13	152	2288	0.37	ng	0.00
14) 2,4,6-Tribromophenol	15.88	330	293	0.83	ng	0.01
15) 2-Fluorobiphenyl	13.01	172	4453	0.43	ng	0.00
24) Fluoranthene-d10	19.15	212	5794	0.47	ng	0.00
28) Terphenyl-d14	19.73	244	4329	0.38	ng	0.00

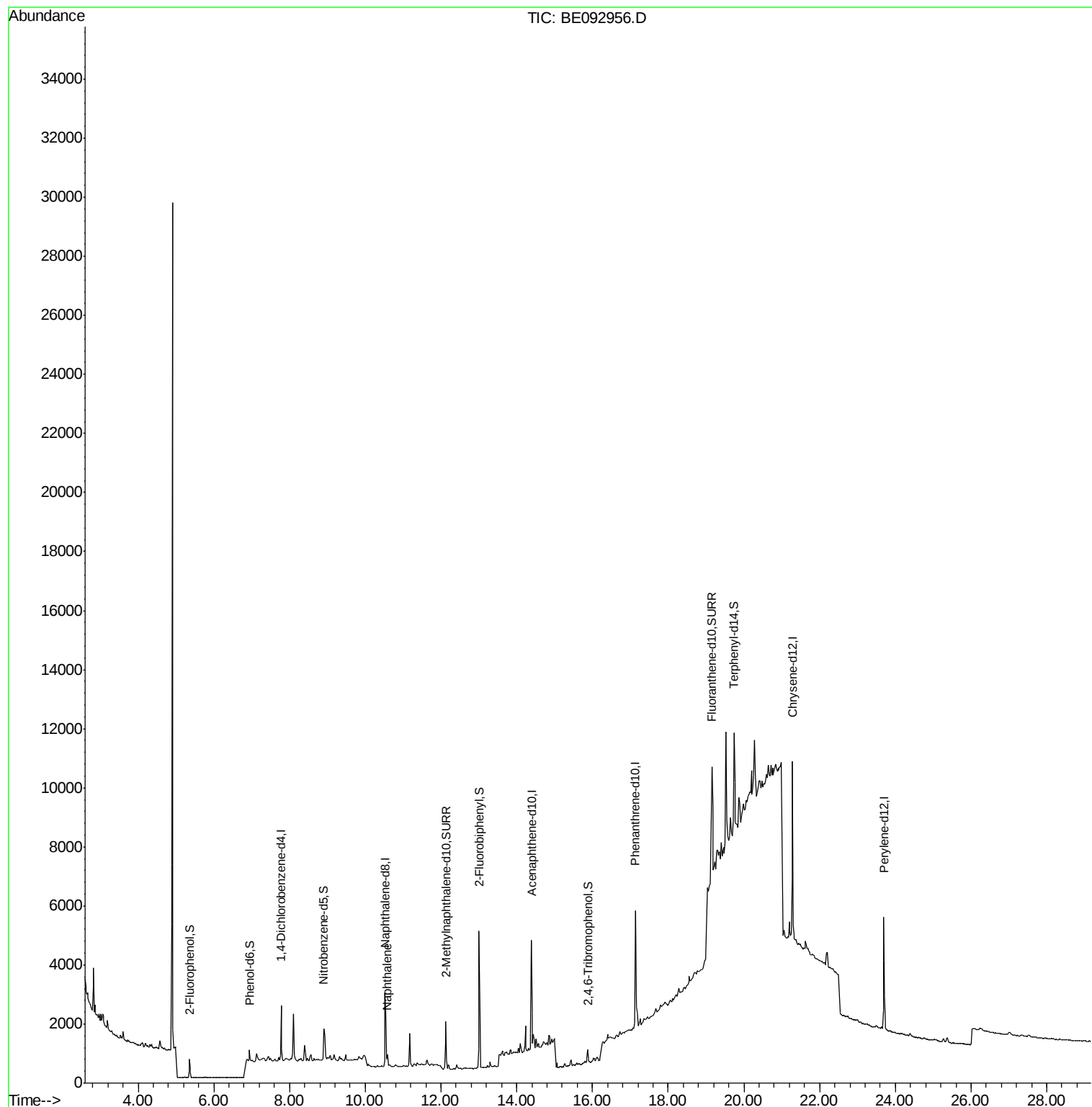
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Naphthalene	10.58	128	513	0.05	ng	# 85

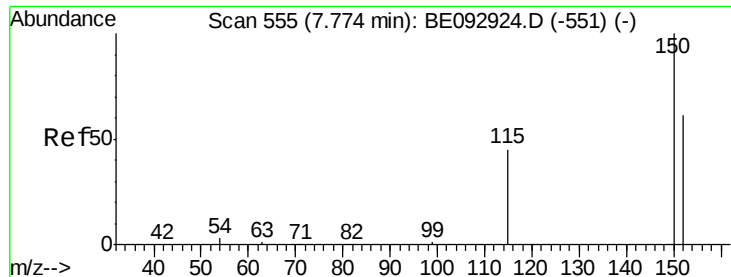
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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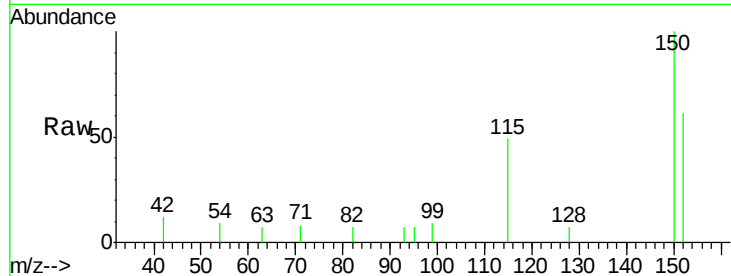


#1

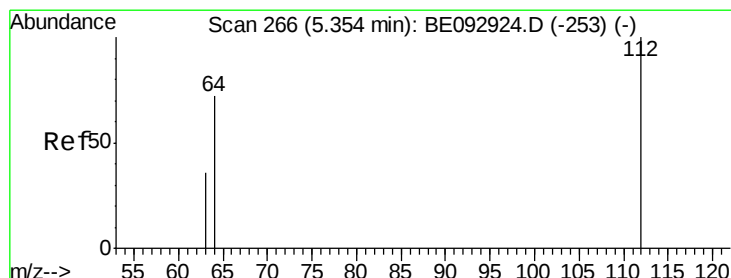
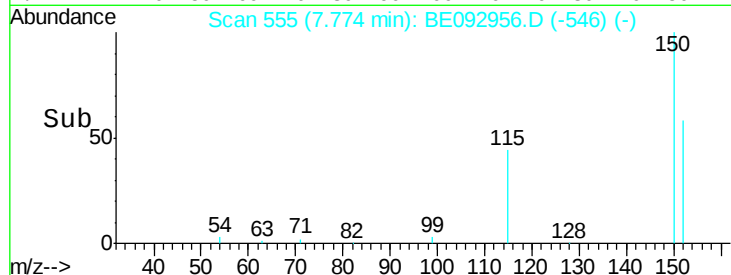
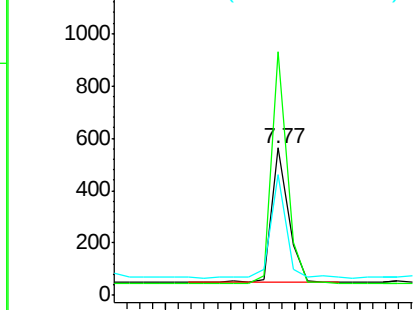
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.77 min Scan# 555
Delta R.T. 0.00 min
Lab File: BE092956.D
Acq: 6 May 2017 7:36

Instrument :
BNA_E
ClientSampleId :
3073-PA4

Tgt Ion:152 Resp: 929
Ion Ratio Lower Upper
152 100
150 165.2 129.9 194.9
115 81.5 62.6 93.8



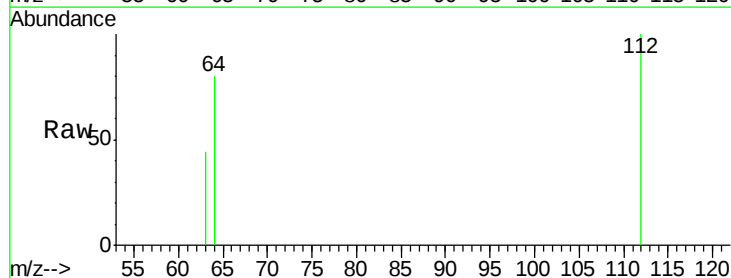
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



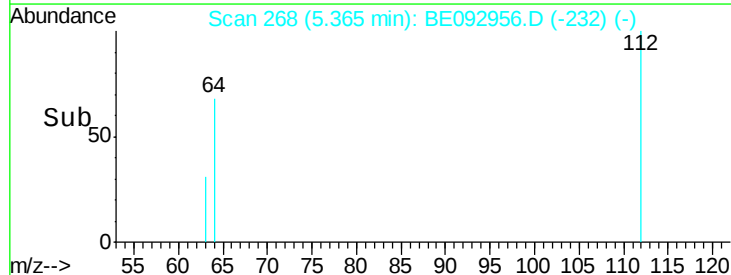
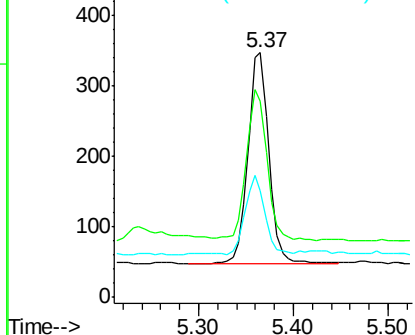
#4

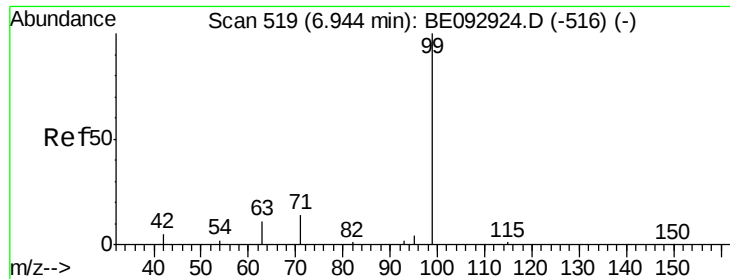
2-Fluorophenol
Concen: 0.22 ng
RT: 5.37 min Scan# 268
Delta R.T. 0.01 min
Lab File: BE092956.D
Acq: 6 May 2017 7:36

Tgt Ion:112 Resp: 456
Ion Ratio Lower Upper
112 100
64 71.7 52.6 79.0
63 35.3 29.0 43.4



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: 0.14 ng

RT: 6.94 min Scan# 519

Delta R.T. 0.00 min

Lab File: BE092956.D

Acq: 6 May 2017 7:36

Instrument :

BNA_E

ClientSampleId :

3073-PA4

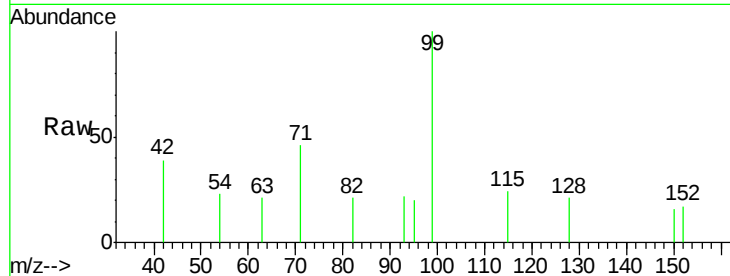
Tgt Ion: 99 Resp: 419

Ion Ratio Lower Upper

99 100

42 0.0 0.0 0.0

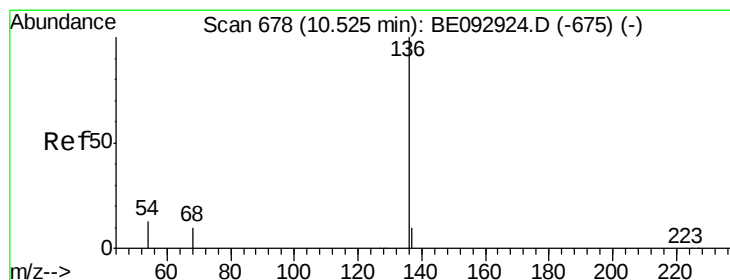
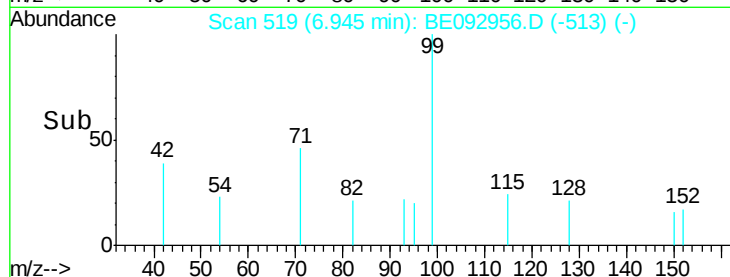
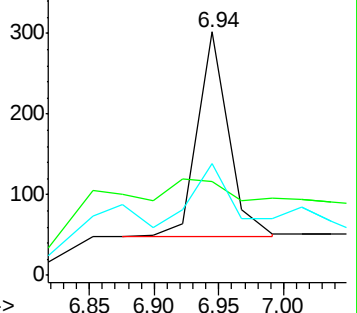
71 27.9 0.0 0.0#



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: 10.52 min Scan# 678

Delta R.T. 0.00 min

Lab File: BE092956.D

Acq: 6 May 2017 7:36

Tgt Ion: 136 Resp: 4169

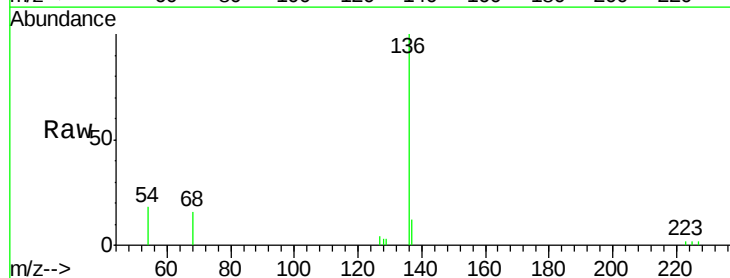
Ion Ratio Lower Upper

136 100

137 12.0 10.4 15.6

54 18.1 12.6 18.8

68 15.5 10.7 16.1

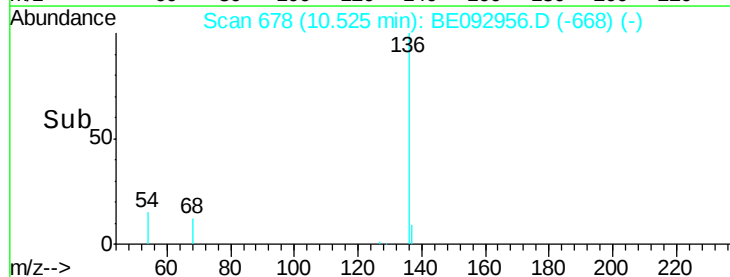
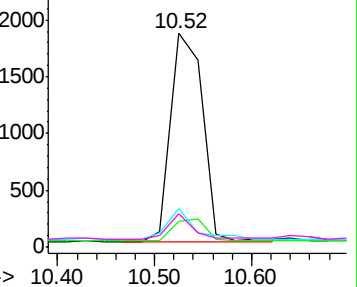


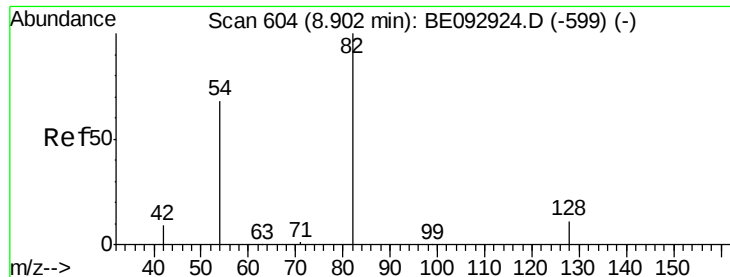
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.46 ng

RT: 8.90 min Scan# 604

Delta R.T. 0.00 min

Lab File: BE092956.D

Acq: 6 May 2017 7:36

Instrument :

BNA_E

ClientSampleId :

3073-PA4

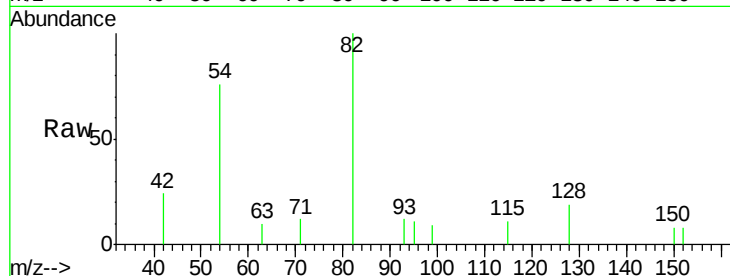
Tgt Ion: 82 Resp: 1302

Ion Ratio Lower Upper

82 100

128 18.8 35.3 52.9#

54 76.0 65.1 97.7

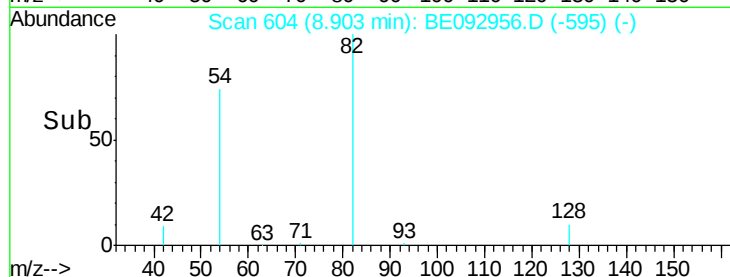


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

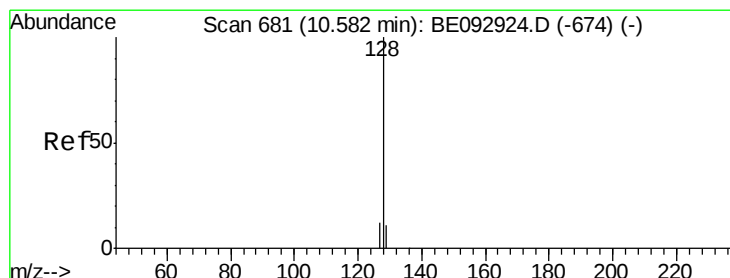
Ion 54.00 (53.70 to 54.70): BE0

Time-->



Abundance

Time-->



#9

Naphthalene

Concen: 0.05 ng

RT: 10.58 min Scan# 681

Delta R.T. 0.00 min

Lab File: BE092956.D

Acq: 6 May 2017 7:36

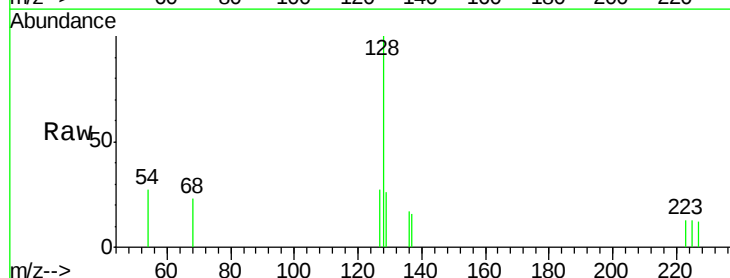
Tgt Ion: 128 Resp: 513

Ion Ratio Lower Upper

128 100

129 25.7 15.8 23.8#

127 27.4 16.0 24.0#

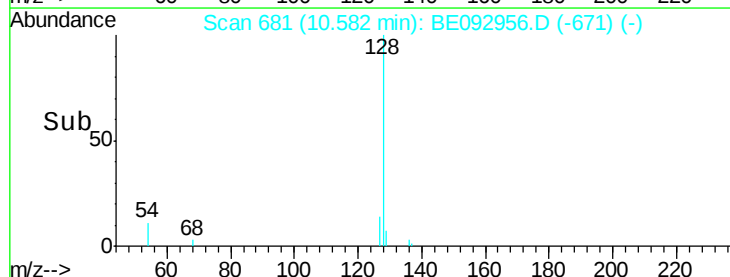


Abundance Ion 128.00 (127.70 to 128.70): BE0

Ion 129.00 (128.70 to 129.70): BE0

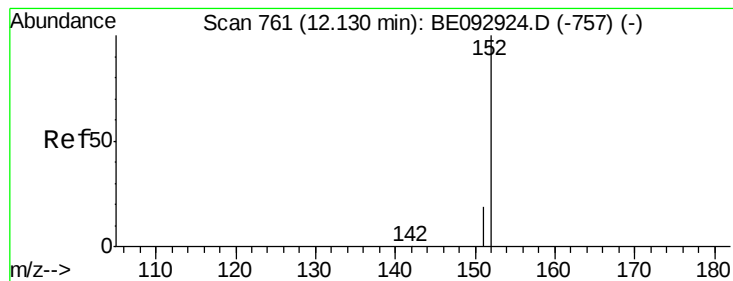
Ion 127.00 (126.70 to 127.70): BE0

Time-->



Abundance

Time-->



#11

2-Methylnaphthalene-d10

Concen: 0.37 ng

RT: 12.13 min Scan# 761

Delta R.T. -0.00 min

Lab File: BE092956.D

Acq: 6 May 2017 7:36

Instrument :

BNA_E

ClientSampleId :

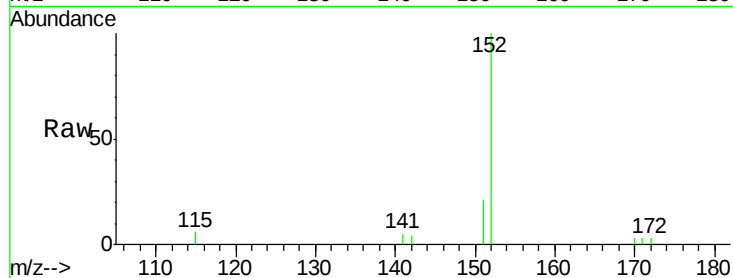
3073-PA4

Tgt Ion:152 Resp: 2288

Ion Ratio Lower Upper

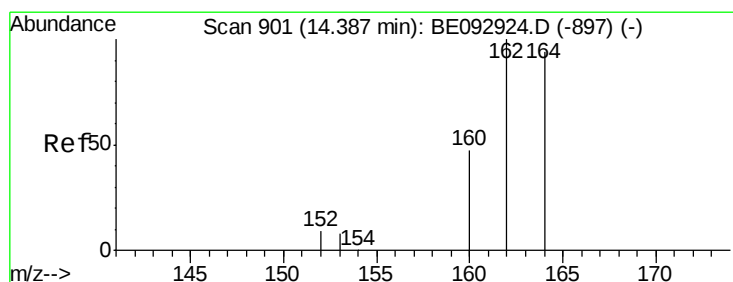
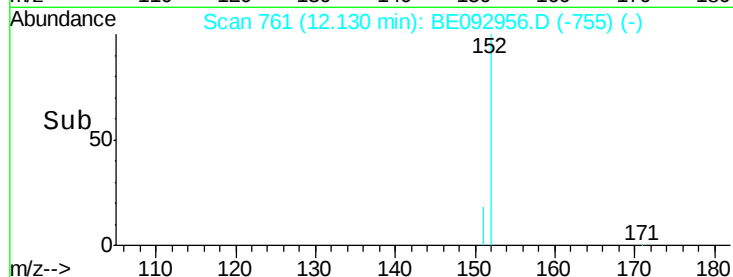
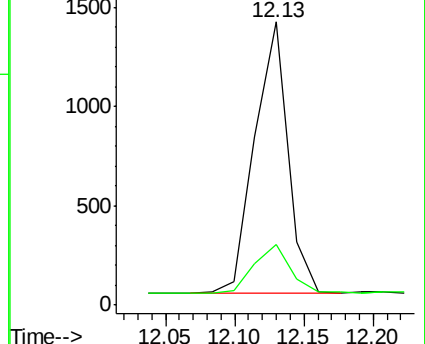
152 100

151 20.2 15.7 23.5



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: BE092956.D

Acq: 6 May 2017 7:36

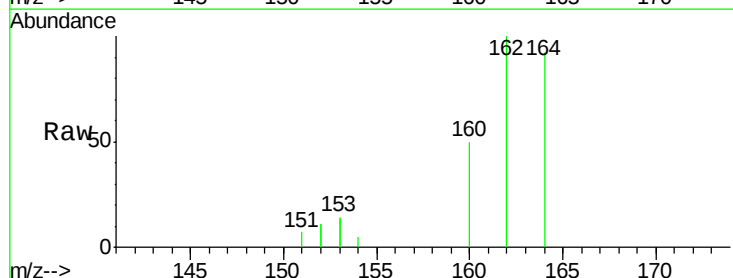
Tgt Ion:164 Resp: 2263

Ion Ratio Lower Upper

164 100

162 108.1 86.6 130.0

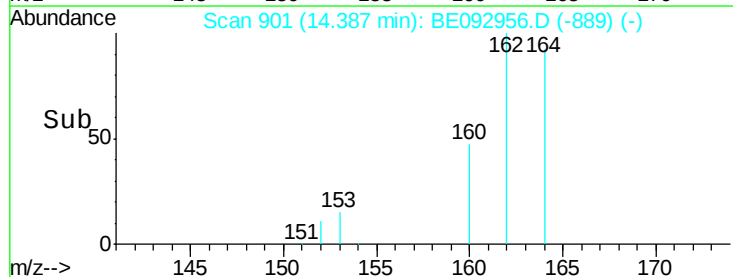
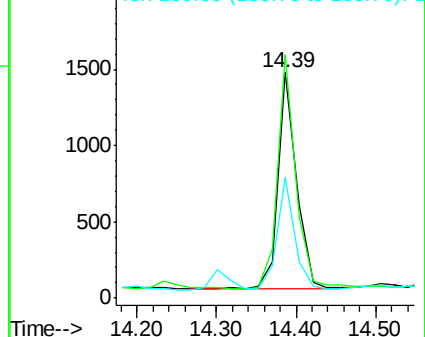
160 53.6 44.5 66.7

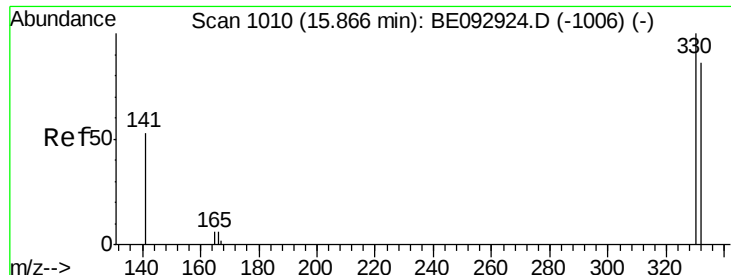


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

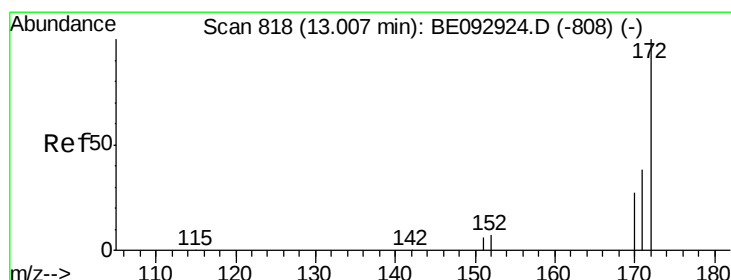
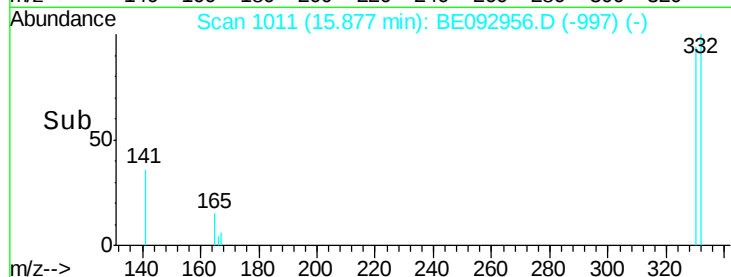
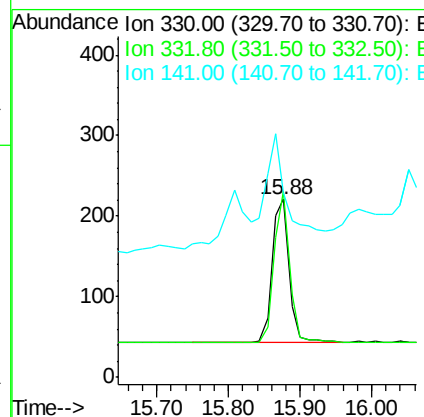
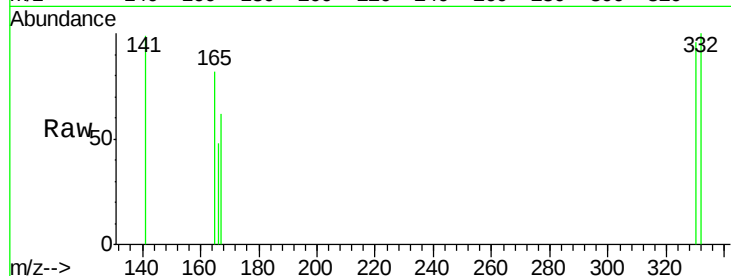




#14
 2,4,6-Tribromophenol
 Concen: 0.83 ng
 RT: 15.88 min Scan# 1011
 Delta R.T. 0.01 min
 Lab File: BE092956.D
 Acq: 6 May 2017 7:36

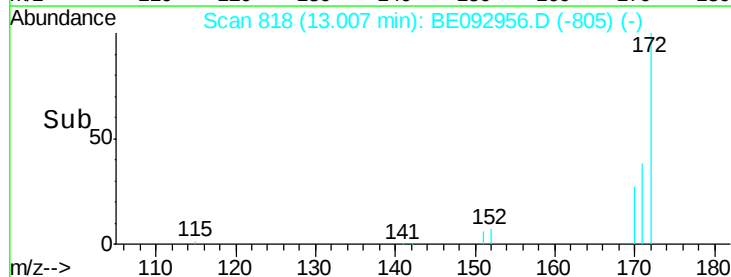
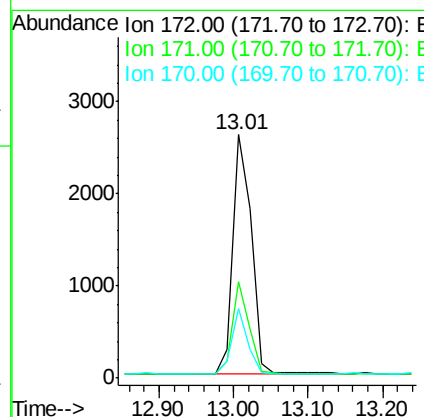
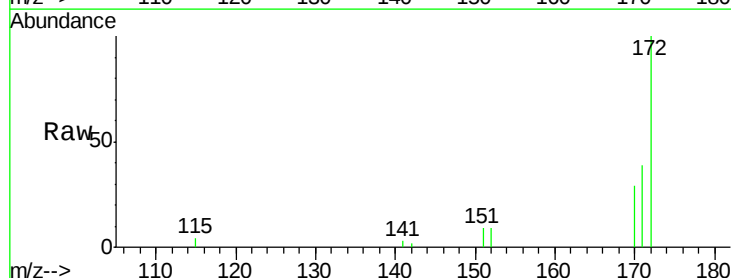
Instrument :
 BNA_E
 ClientSampleId :
 3073-PA4

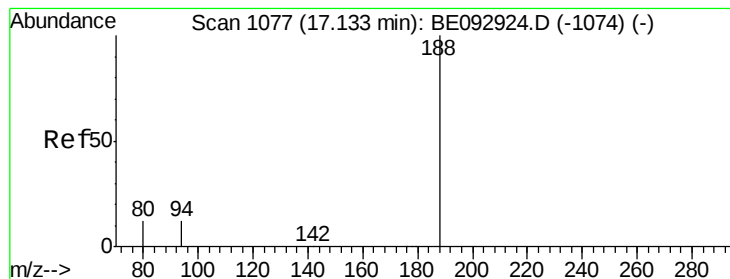
Tgt Ion: 330 Resp: 293
 Ion Ratio Lower Upper
 330 100
 332 96.2 69.1 103.7
 141 80.5 54.6 81.8



#15
 2-Fluorobiphenyl
 Concen: 0.43 ng
 RT: 13.01 min Scan# 818
 Delta R.T. -0.00 min
 Lab File: BE092956.D
 Acq: 6 May 2017 7:36

Tgt Ion: 172 Resp: 4453
 Ion Ratio Lower Upper
 172 100
 171 39.4 35.8 53.6
 170 28.6 28.5 42.7





#19

Phenanthrene-d10

Concen: 0.40 ng

RT: 17.13 min Scan# 1077

Delta R.T. 0.00 min

Lab File: BE092956.D

Acq: 6 May 2017 7:36

Instrument :

BNA_E

ClientSampleId :

3073-PA4

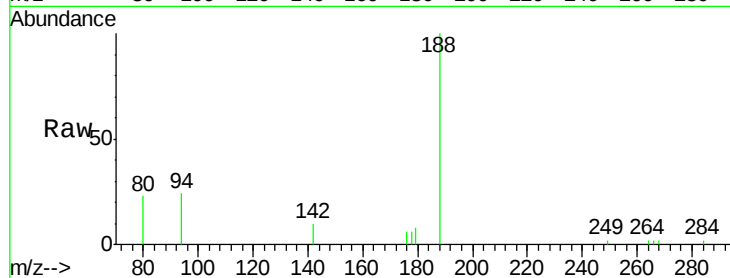
Tgt Ion:188 Resp: 5277

Ion Ratio Lower Upper

188 100

94 23.5 10.2 15.4#

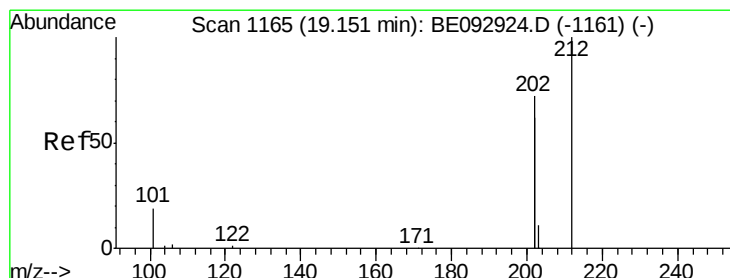
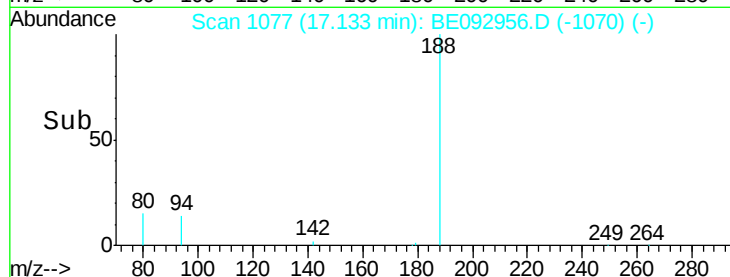
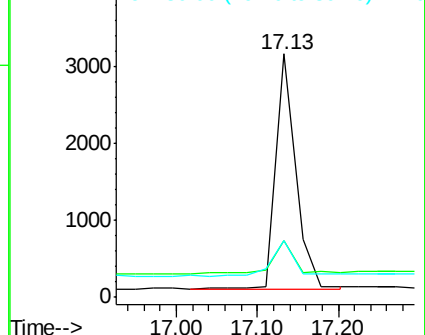
80 23.1 10.6 15.8#



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



#24

Fluoranthene-d10

Concen: 0.47 ng

RT: 19.15 min Scan# 1164

Delta R.T. -0.00 min

Lab File: BE092956.D

Acq: 6 May 2017 7:36

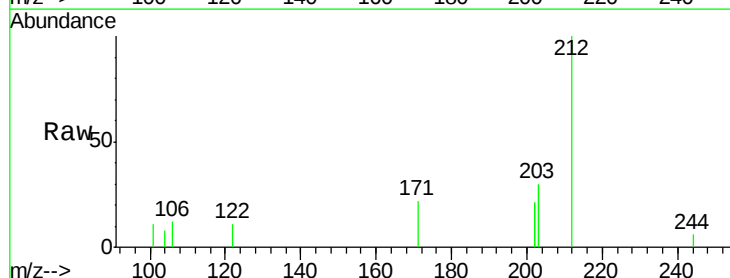
Tgt Ion:212 Resp: 5794

Ion Ratio Lower Upper

212 100

106 0.0 0.0 0.0

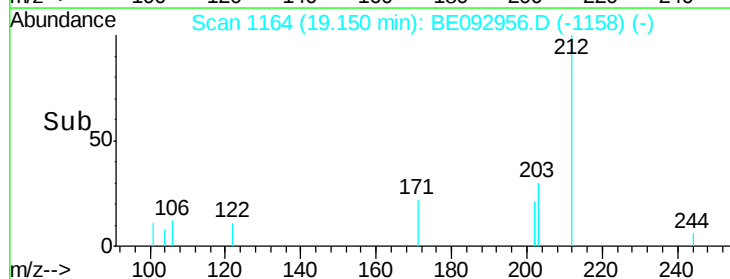
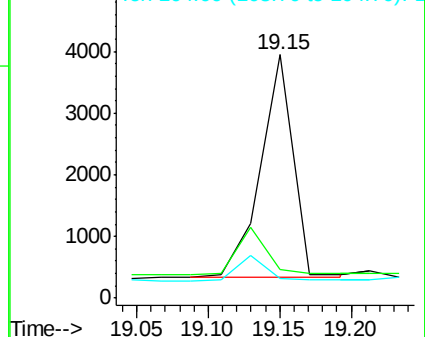
104 0.0 0.0 0.0

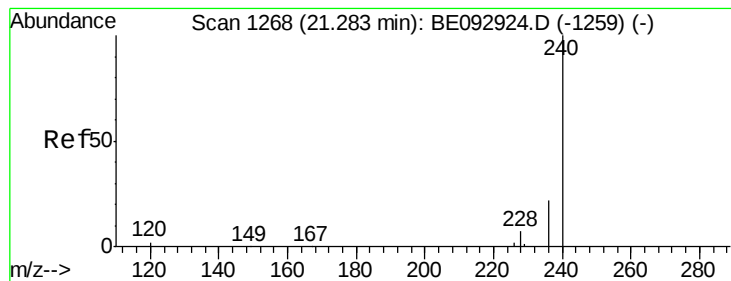


Abundance Ion 212.00 (211.70 to 212.70): E

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# 1267

Delta R.T. -0.00 min

Lab File: BE092956.D

Acq: 6 May 2017 7:36

Instrument :

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ClientSampleId :

3073-PA4

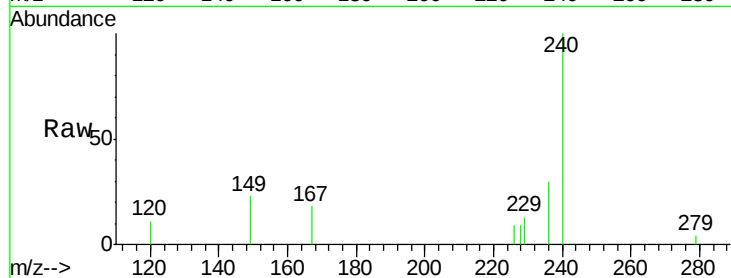
Tgt Ion:240 Resp: 6448

Ion Ratio Lower Upper

240 100

120 11.5 4.6 6.8#

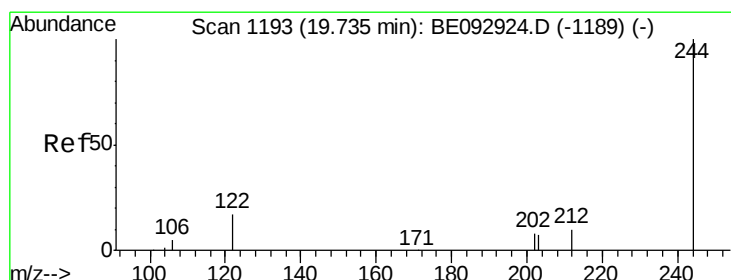
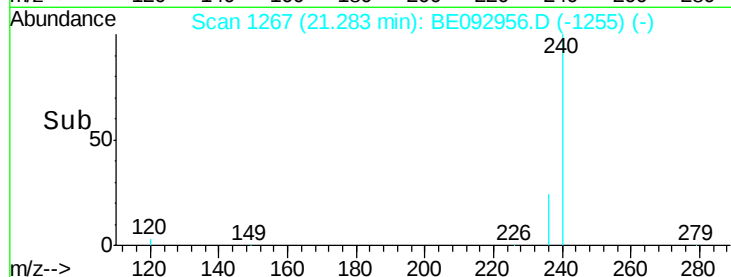
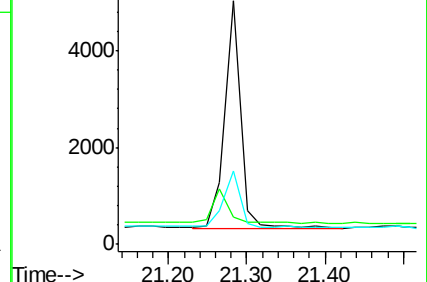
236 30.3 19.8 29.8#



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: 0.38 ng

RT: 19.73 min Scan# 1192

Delta R.T. -0.00 min

Lab File: BE092956.D

Acq: 6 May 2017 7:36

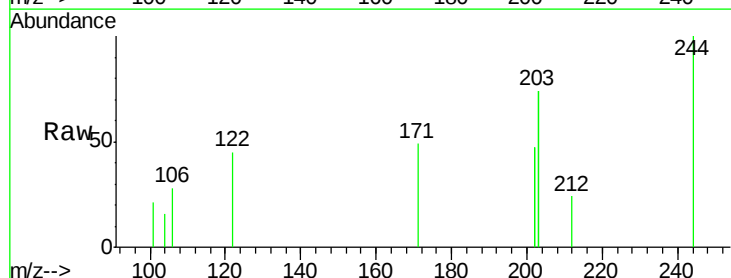
Tgt Ion:244 Resp: 4329

Ion Ratio Lower Upper

244 100

212 24.4 18.4 27.6

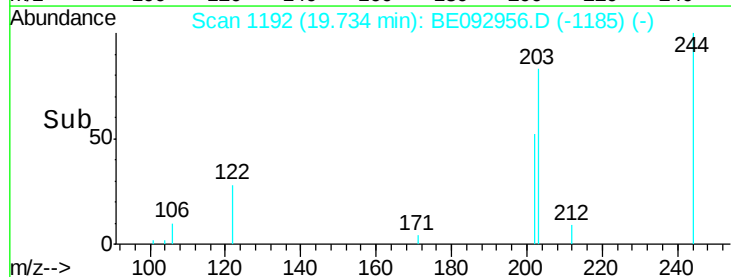
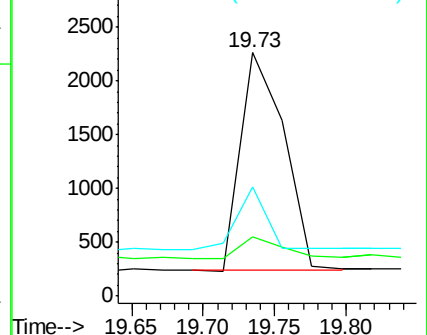
122 44.7 23.3 34.9#

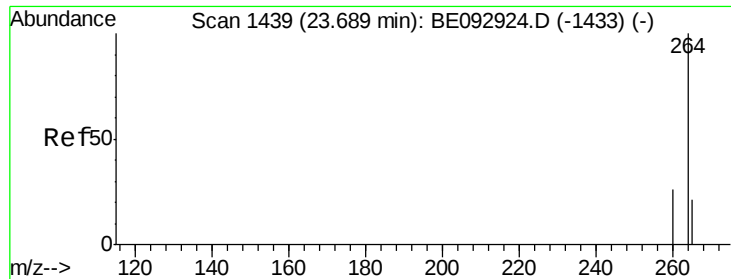


Abundance Ion 244.00 (243.70 to 244.70): E

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: 23.70 min Scan# 1439

Delta R.T. 0.01 min

Lab File: BE092956.D

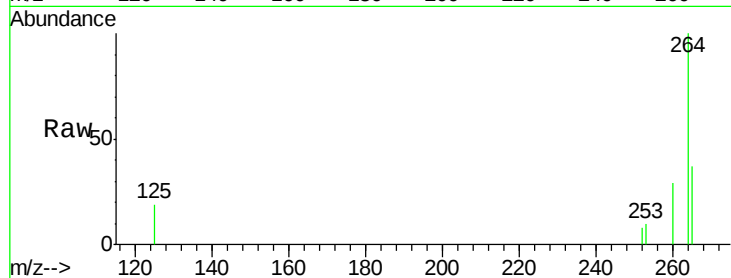
Acq: 6 May 2017 7:36

Instrument :

BNA_E

ClientSampleId :

3073-PA4



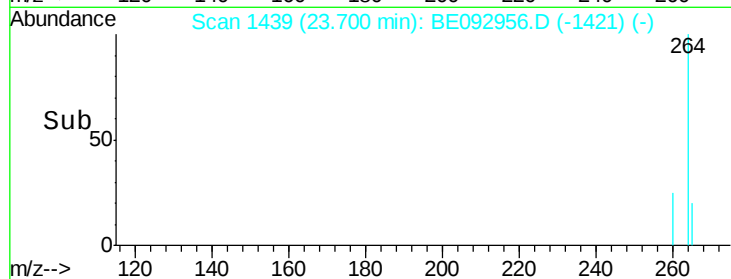
Tgt Ion: 264 Resp: 5361

Ion Ratio Lower Upper

264 100

260 28.8 23.5 35.3

265 36.5 27.2 40.8



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

