

Data File : BE093329.D
Acq On : 22 Jun 2017 15:34
Operator : SJ/JU
Sample : I3687-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
KY038PS027-170613

Quant Time: Jun 23 07:12:07 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE061217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 12 14:07:54 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	176	0.40	ng	-0.02
7) Naphthalene-d8	10.51	136	836	0.40	ng	-0.02
13) Acenaphthene-d10	14.37	164	502	0.40	ng	0.00
19) Phenanthrene-d10	17.10	188	1170	0.40	ng	-0.03
27) Chrysene-d12	21.25	240	1377	0.40	ng	-0.02
34) Perylene-d12	23.65	264	1166	0.40	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.34	112	98	0.19	ng	0.00
5) Phenol-d6	6.90	99	531	0.70	ng	0.00
8) Nitrobenzene-d5	8.88	82	271	0.41	ng	0.00
11) 2-Methylnaphthalene-d10	12.10	152	485	0.39	ng	-0.01
14) 2,4,6-Tribromophenol	15.85	330	68	0.59	ng	0.00
15) 2-Fluorobiphenyl	12.99	172	1053	0.49	ng	0.00
25) Fluoranthene-d10	19.12	212	2385	0.62	ng	0.00
29) Terphenyl-d14	19.72	244	1656	0.62	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	3.29	88	31	0.08	ng	# 67
3) n-Nitrosodimethylamine	3.57	42	7	0.02	ng	# 1
9) Naphthalene	10.55	128	66	0.03	ng	# 1
23) Phenanthrene	17.16	178	128	0.02	ng	# 91
26) Fluoranthene	19.14	202	473	0.02	ng	# 99
32) Bis(2-ethylhexyl)phthalate	21.16	149	321	0.20	ng	# 98
35) Benzo(b)fluoranthene	22.92	252	82	0.02	ng	# 1
36) Benzo(k)fluoranthene	22.92	252	85	0.02	ng	# 1

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

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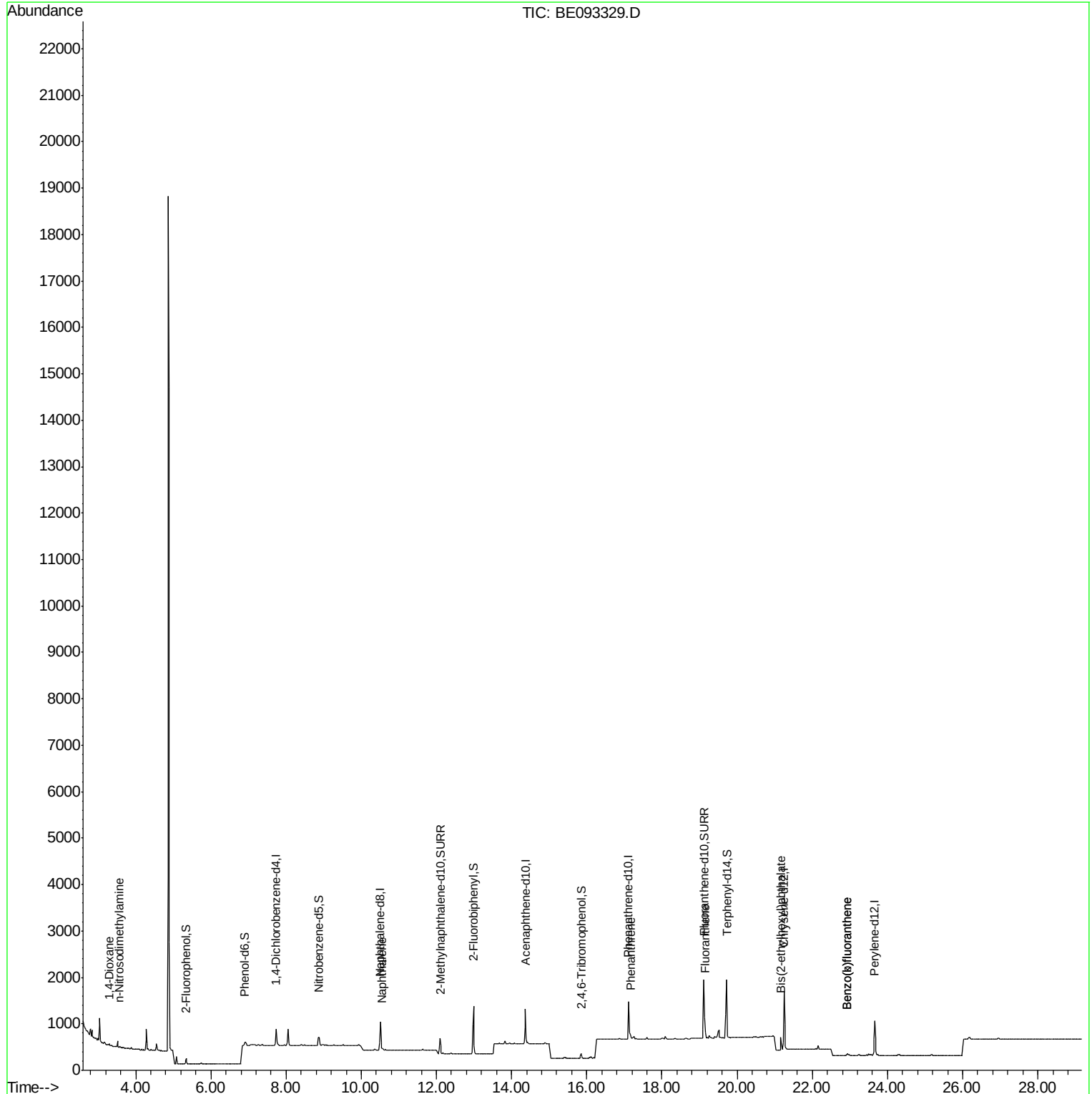
Quant Time: Jun 23 07:12:07 2017

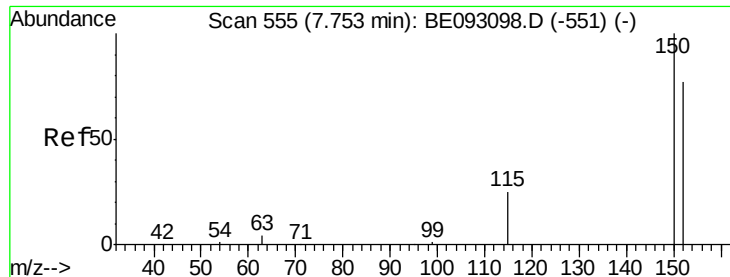
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE061217.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Jun 12 14:07:54 2017

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#1

1,4-Dichlorobenzene-d4

Concen: 0.40 ng

RT: 7.73 min Scan# 554

Delta R.T. -0.02 min

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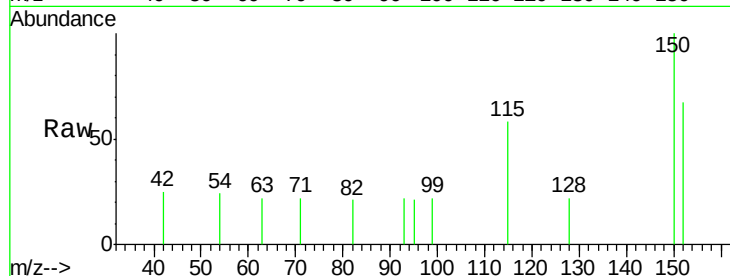
Tgt Ion: 152 Resp: 176

Ion Ratio Lower Upper

152 100

150 149.6 125.1 187.7

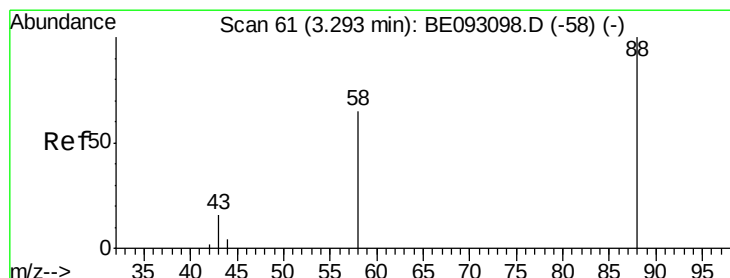
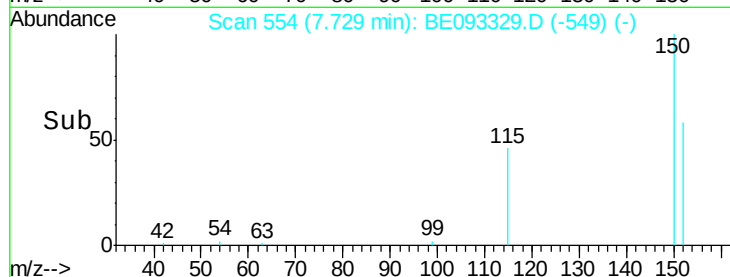
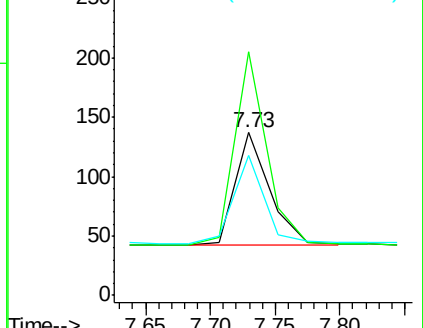
115 86.1 55.7 83.5#



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



#2

1,4-Dioxane

Concen: 0.08 ng

RT: 3.29 min Scan# 61

Delta R.T. -0.00 min

Lab File: BE093329.D

Acq: 22 Jun 2017 15:34

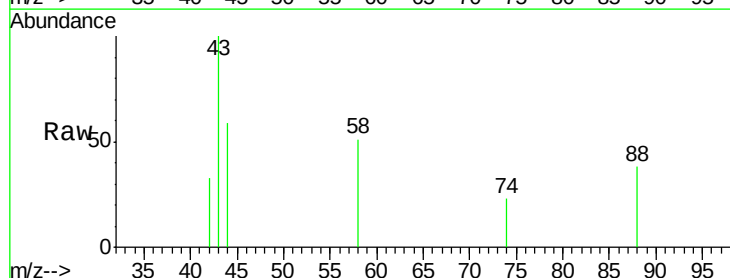
Tgt Ion: 88 Resp: 31

Ion Ratio Lower Upper

88 100

58 100.0 62.2 93.4#

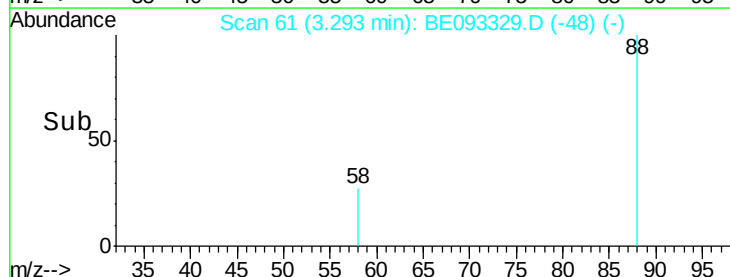
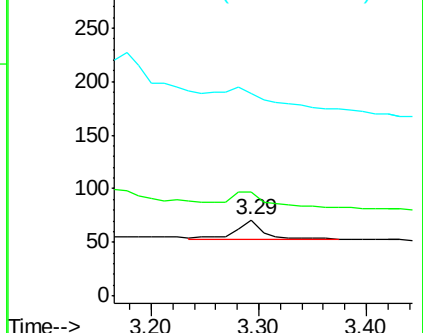
43 0.0 23.2 34.8#

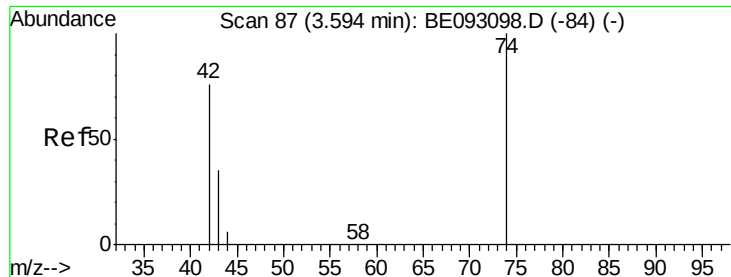


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.02 ng

RT: 3.57 min Scan# 85

Delta R.T. -0.02 min

Lab File: BE093329.D

Acq: 22 Jun 2017 15:34

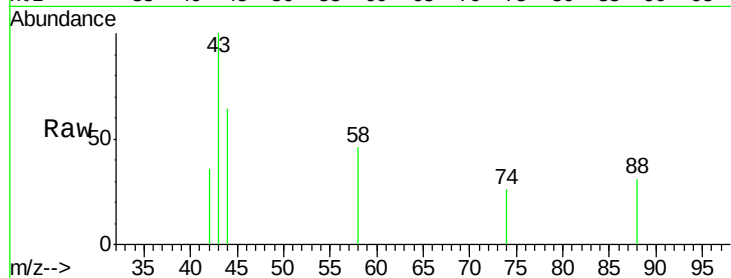
Instrument :

BNA_E

ClientSampleId :

KY038PS027-170613

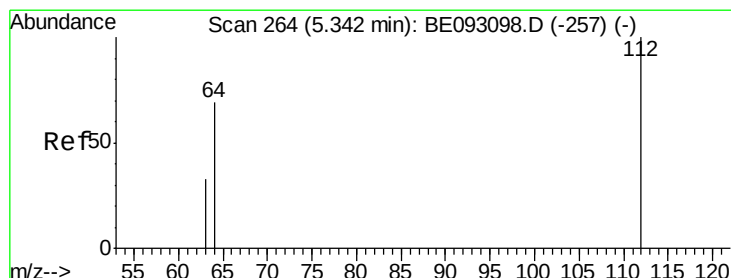
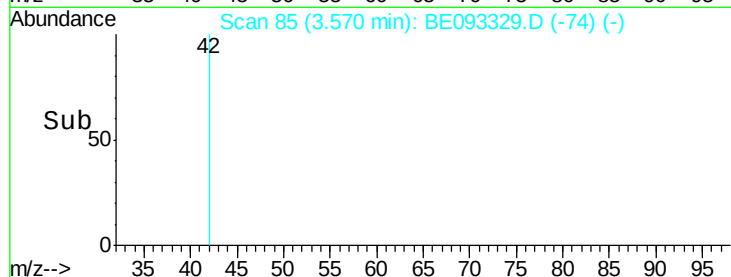
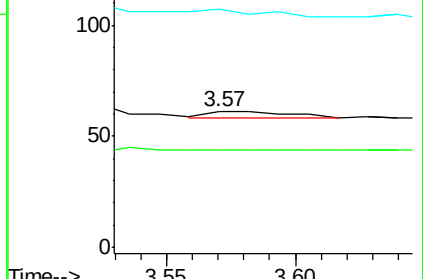
Tgt Ion:	42	Resp:	7
Ion	Ratio	Lower	Upper
42	100		
74	0.0	99.1	148.7#
44	0.0	7.4	11.2#



Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0



#4

2-Fluorophenol

Concen: 0.19 ng

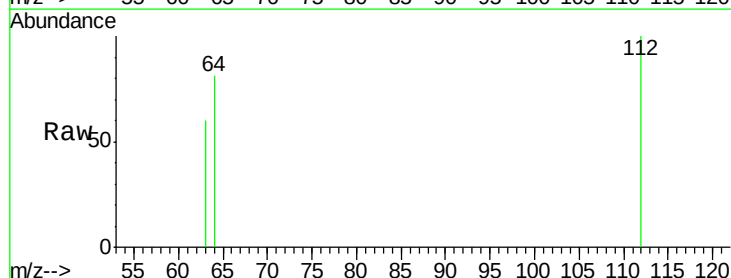
RT: 5.34 min Scan# 264

Delta R.T. 0.00 min

Lab File: BE093329.D

Acq: 22 Jun 2017 15:34

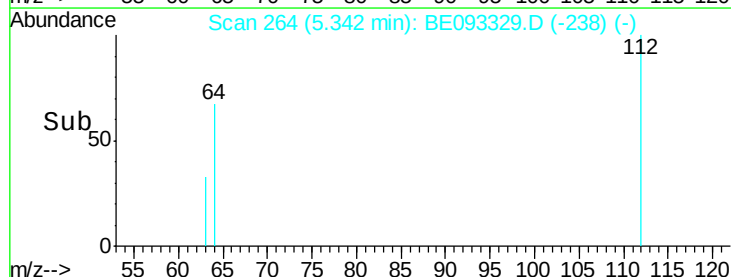
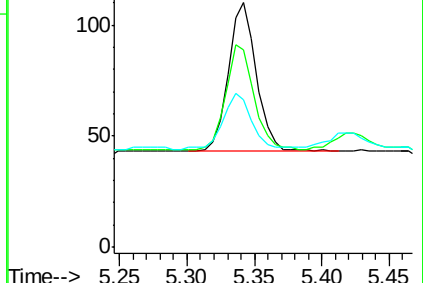
Tgt Ion:	112	Resp:	98
Ion	Ratio	Lower	Upper
112	100		
64	69.4	56.4	84.6
63	37.8	29.3	43.9

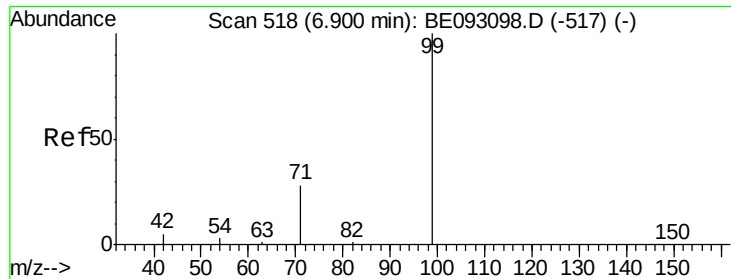


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.70 ng

RT: 6.90 min Scan# 518

Delta R.T. -0.00 min

Lab File: BE093329.D

Acq: 22 Jun 2017 15:34

Instrument :

BNA_E

ClientSampleId :

KY038PS027-170613

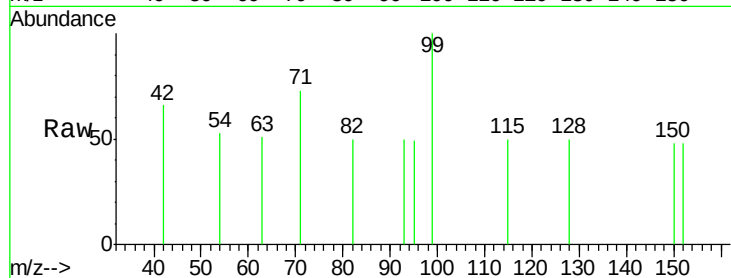
Tgt Ion: 99 Resp: 531

Ion Ratio Lower Upper

99 100

42 115.6 0.0 0.0#

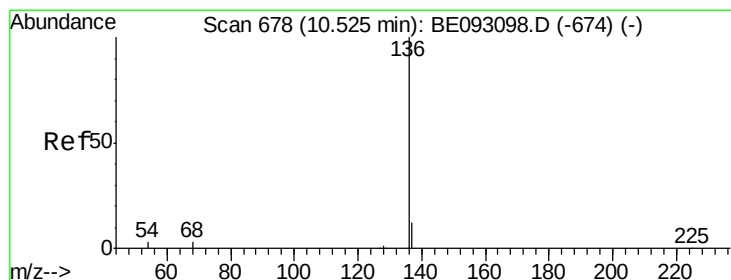
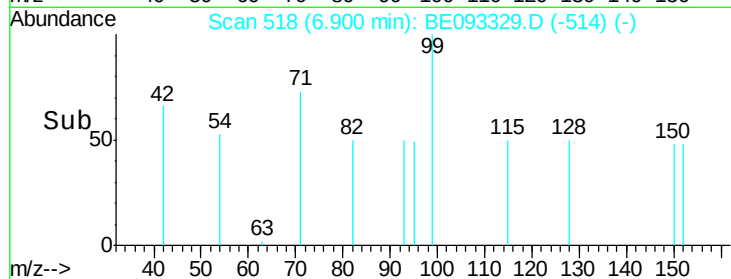
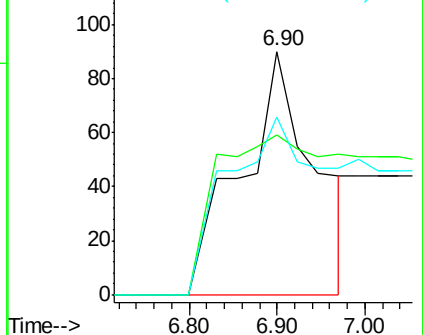
71 83.6 0.0 0.0#



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: 10.51 min Scan# 677

Delta R.T. -0.02 min

Lab File: BE093329.D

Acq: 22 Jun 2017 15:34

Tgt Ion: 136 Resp: 836

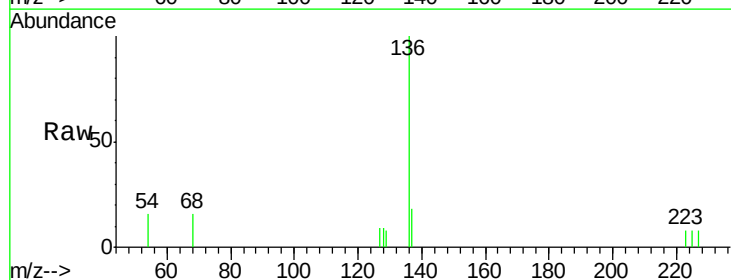
Ion Ratio Lower Upper

136 100

137 17.8 9.8 14.8#

54 15.9 10.3 15.5#

68 15.5 9.0 13.4#

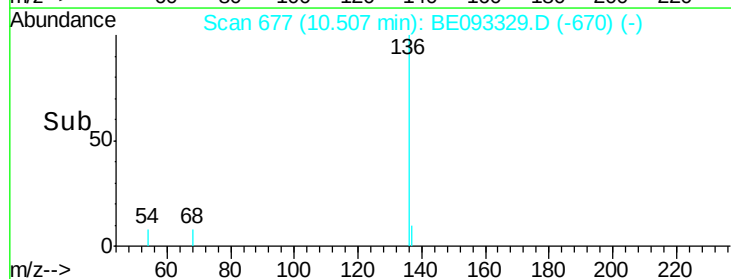
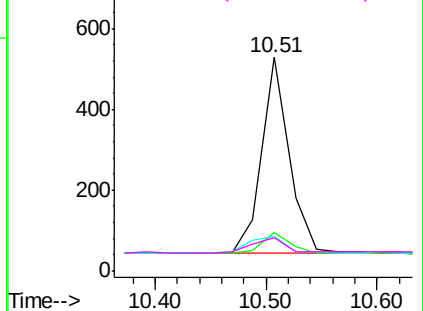


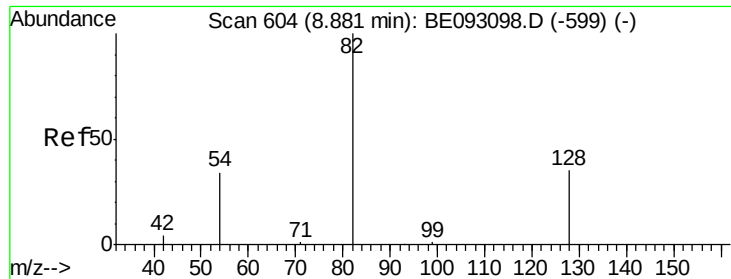
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.41 ng

RT: 8.88 min Scan# 604

Delta R.T. -0.00 min

Lab File: BE093329.D

Acq: 22 Jun 2017 15:34

Instrument :

BNA_E

ClientSampleId :

KY038PS027-170613

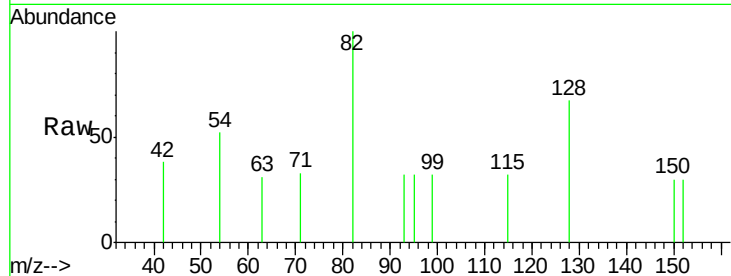
Tgt Ion: 82 Resp: 271

Ion Ratio Lower Upper

82 100

128 67.4 17.0 25.4#

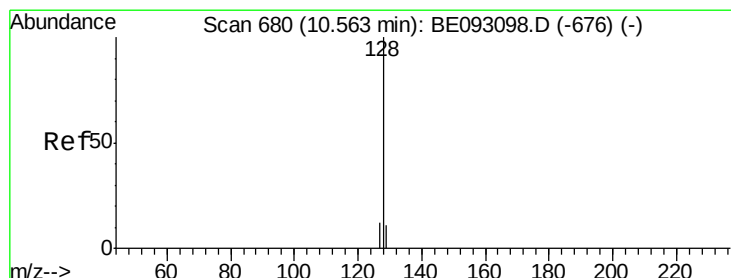
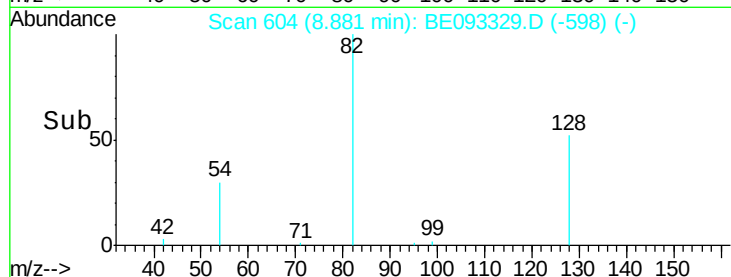
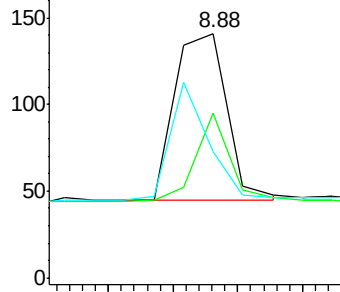
54 51.8 53.8 80.6#



Abundance Ion 82.00 (81.70 to 82.70): BE093329.D (-598) (-)

Ion 128.00 (127.70 to 128.70): BE093329.D (-598) (-)

Ion 54.00 (53.70 to 54.70): BE093329.D (-598) (-)



#9

Naphthalene

Concen: 0.03 ng

RT: 10.55 min Scan# 679

Delta R.T. -0.02 min

Lab File: BE093329.D

Acq: 22 Jun 2017 15:34

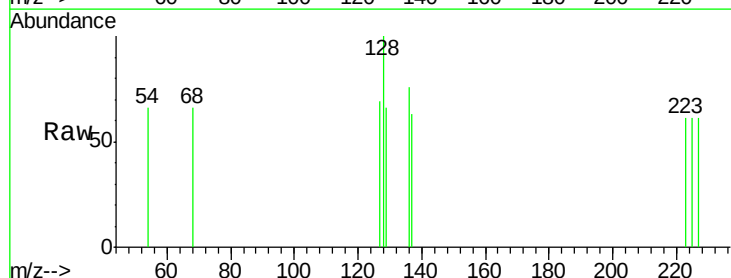
Tgt Ion: 128 Resp: 66

Ion Ratio Lower Upper

128 100

129 65.7 11.4 17.0#

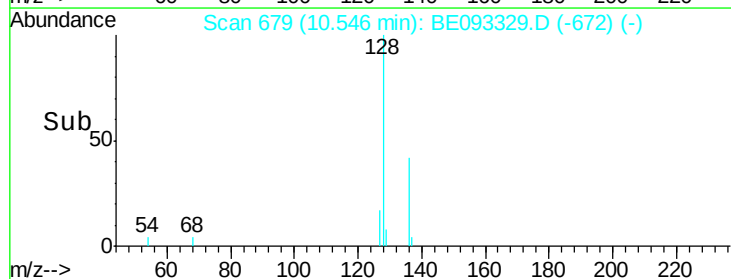
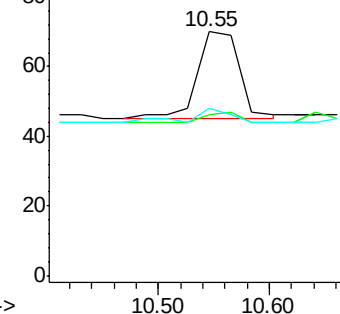
127 68.6 11.2 16.8#

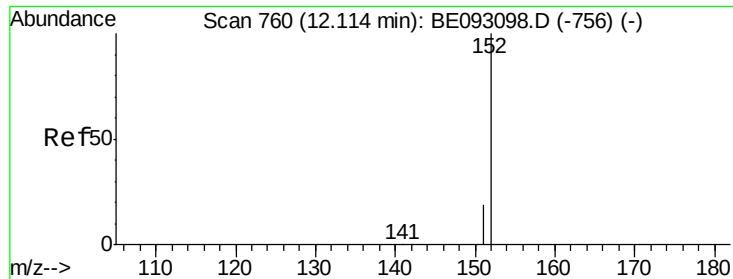


Abundance Ion 128.00 (127.70 to 128.70): BE093329.D (-672) (-)

Ion 129.00 (128.70 to 129.70): BE093329.D (-672) (-)

Ion 127.00 (126.70 to 127.70): BE093329.D (-672) (-)

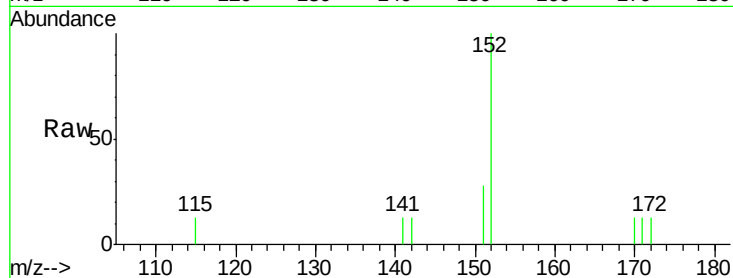




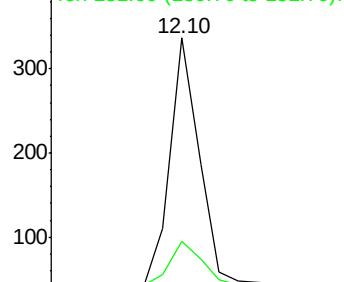
#11
 2-Methylnaphthalene-d10
 Concen: 0.39 ng
 RT: 12.10 min Scan# 759
 Delta R.T. -0.01 min
 Lab File: BE093329.D
 Acq: 22 Jun 2017 15:34

Instrument :
 BNA_E
 ClientSampleId :
 KY038PS027-170613

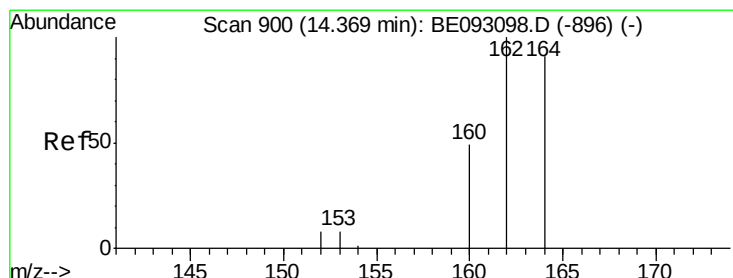
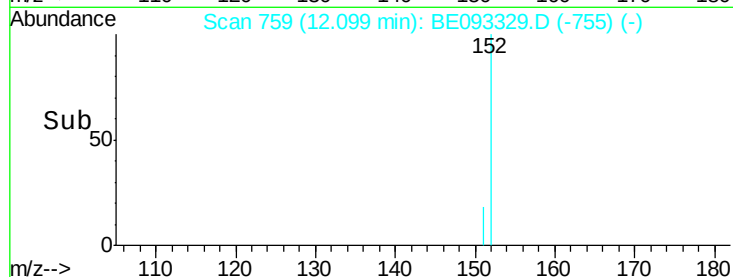
Tgt Ion:152 Resp: 485
 Ion Ratio Lower Upper
 152 100
 151 19.6 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 151.00 (150.70 to 151.70): E

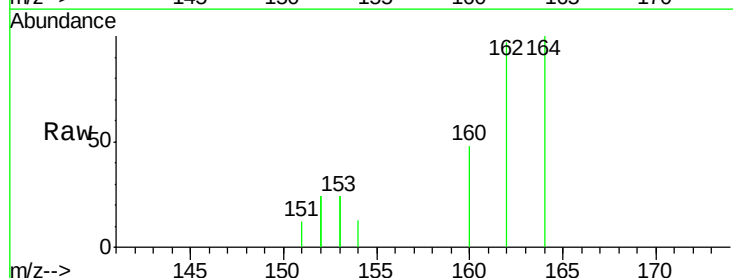


Time--> 12.00 12.10 12.20

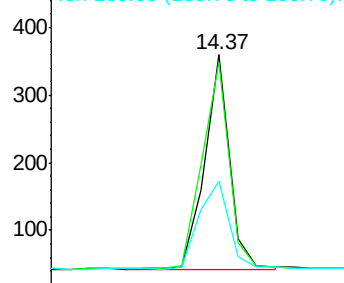


#13
 Acenaphthene-d10
 Concen: 0.40 ng
 RT: 14.37 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: BE093329.D
 Acq: 22 Jun 2017 15:34

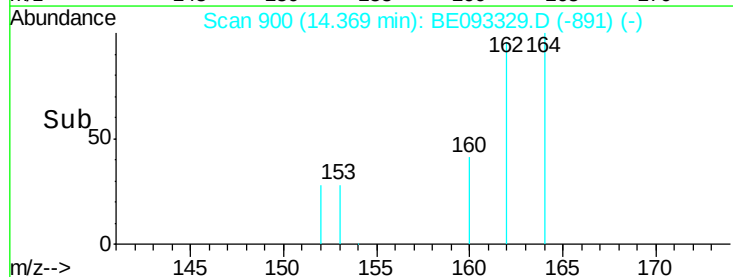
Tgt Ion:164 Resp: 502
 Ion Ratio Lower Upper
 164 100
 162 96.9 84.6 127.0
 160 48.1 41.8 62.6

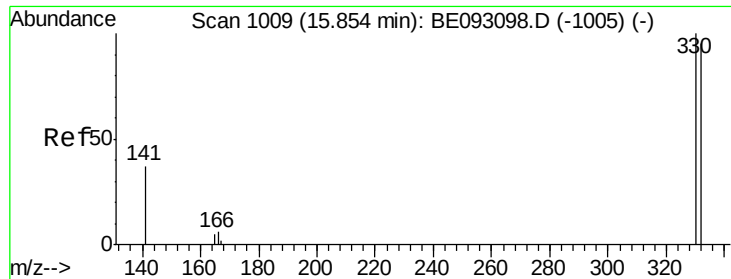


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E



Time--> 14.30 14.40

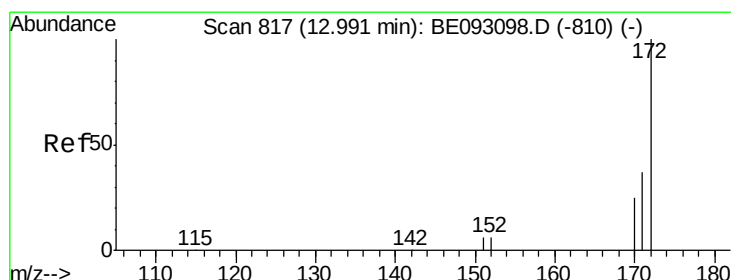
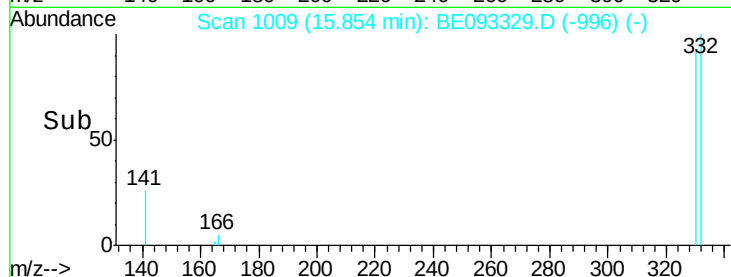
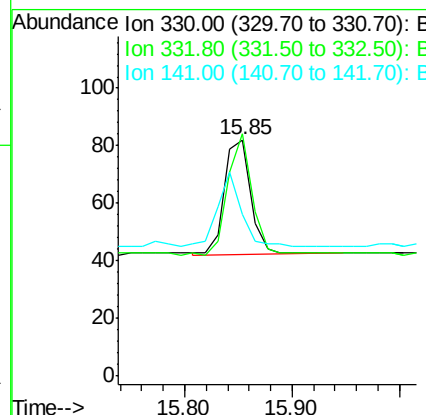
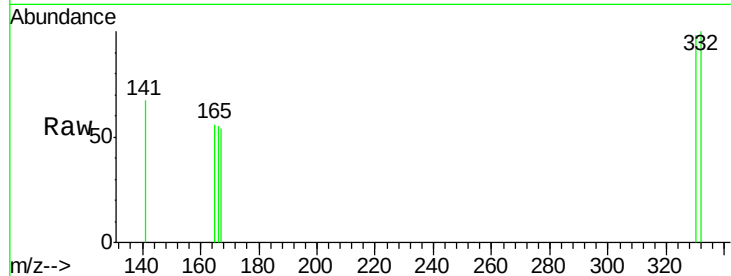




#14
 2,4,6-Tribromophenol
 Concen: 0.59 ng
 RT: 15.85 min Scan# 1009
 Delta R.T. 0.00 min
 Lab File: BE093329.D
 Acq: 22 Jun 2017 15:34

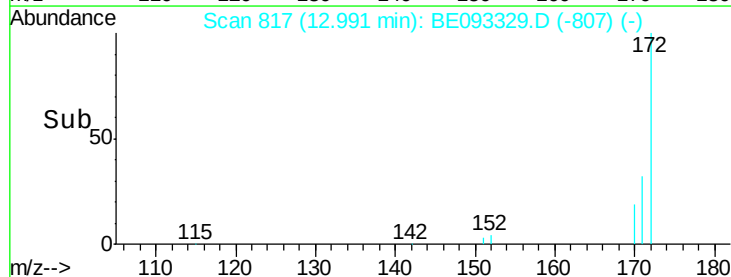
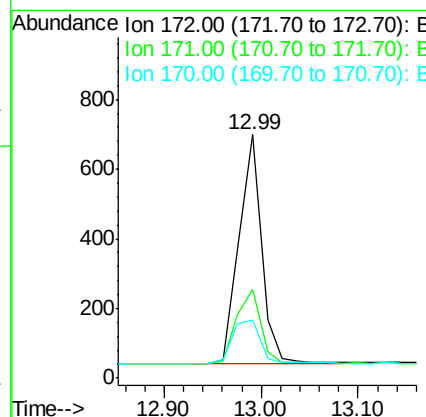
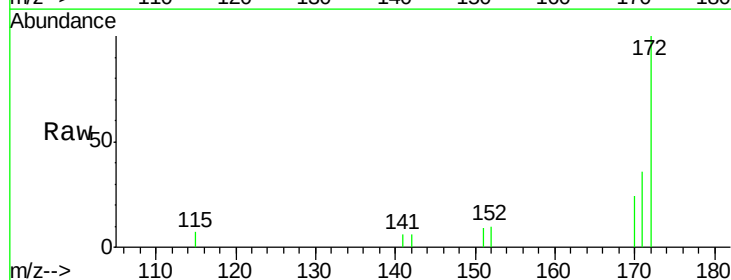
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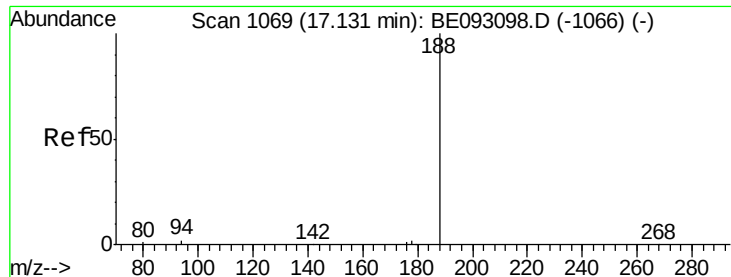
Tgt Ion: 330 Resp: 68
 Ion Ratio Lower Upper
 330 100
 332 101.5 77.7 116.5
 141 58.8 56.2 84.4



#15
 2-Fluorobiphenyl
 Concen: 0.49 ng
 RT: 12.99 min Scan# 817
 Delta R.T. 0.00 min
 Lab File: BE093329.D
 Acq: 22 Jun 2017 15:34

Tgt Ion: 172 Resp: 1053
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.8 44.6
 170 23.9 20.7 31.1





#19

Phenanthrene-d10

Concen: 0.40 ng

RT: 17.10 min Scan# 1069

Delta R.T. -0.03 min

Lab File: BE093329.D

Acq: 22 Jun 2017 15:34

Instrument :

BNA_E

ClientSampleId :

KY038PS027-170613

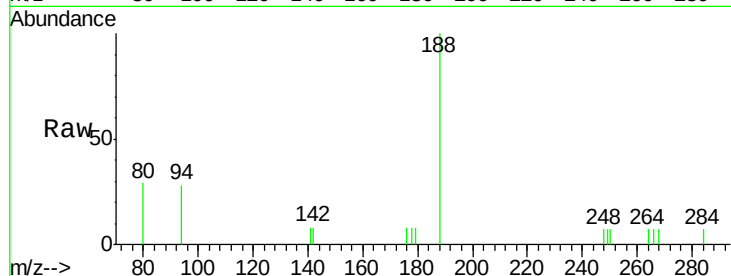
Tgt Ion:188 Resp: 1170

Ion Ratio Lower Upper

188 100

94 28.0 11.3 16.9#

80 29.5 11.7 17.5#

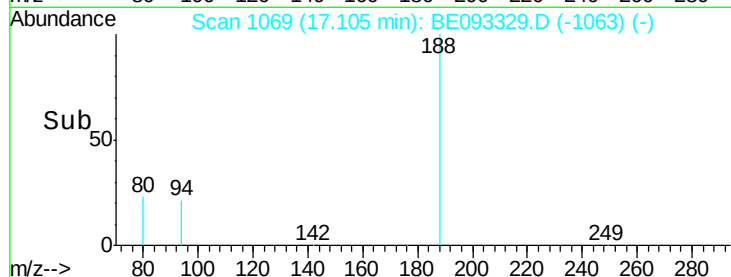


Abundance Ion 188.00 (187.70 to 188.70): E

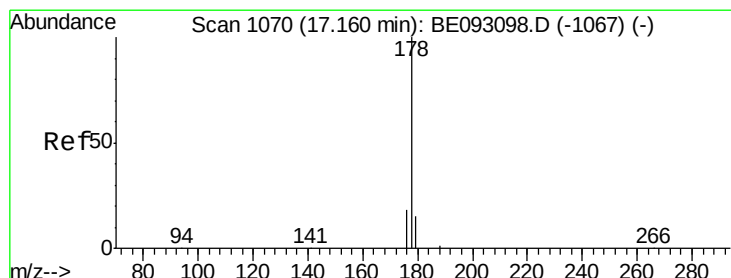
Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0

Time-->



Time-->



#23

Phenanthrene

Concen: 0.02 ng

RT: 17.16 min Scan# 1071

Delta R.T. 0.00 min

Lab File: BE093329.D

Acq: 22 Jun 2017 15:34

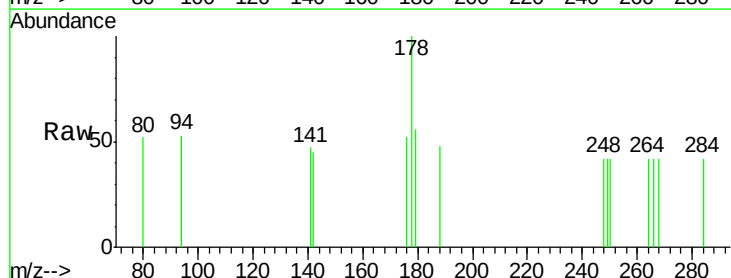
Tgt Ion:178 Resp: 128

Ion Ratio Lower Upper

178 100

176 16.4 15.0 22.4

179 21.9 12.7 19.1#

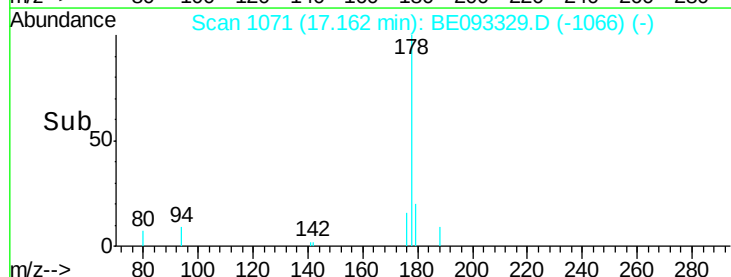


Abundance Ion 178.00 (177.70 to 178.70): E

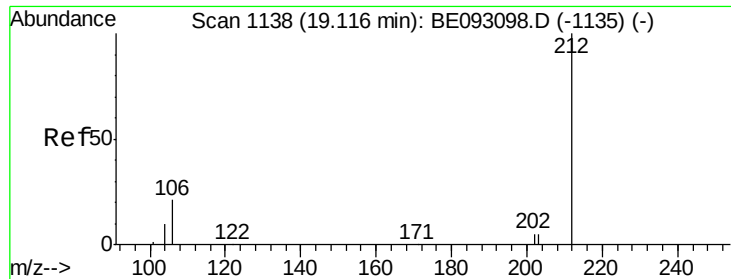
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

Time-->



Time-->



#25

Fluoranthene-d10

Concen: 0.62 ng

RT: 19.12 min Scan# 1139

Delta R.T. -0.00 min

Lab File: BE093329.D

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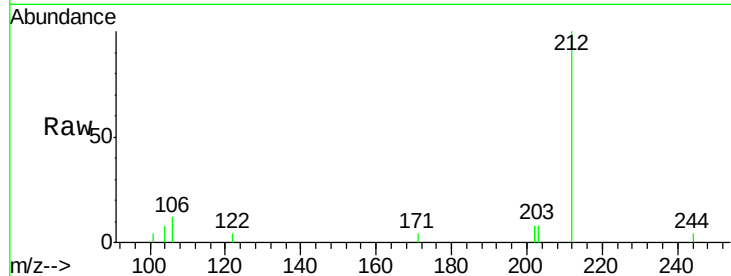
Tgt Ion:212 Resp: 2385

Ion Ratio Lower Upper

212 100

106 0.0 0.0 0.0

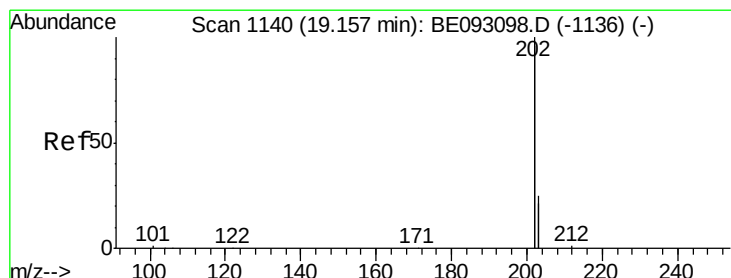
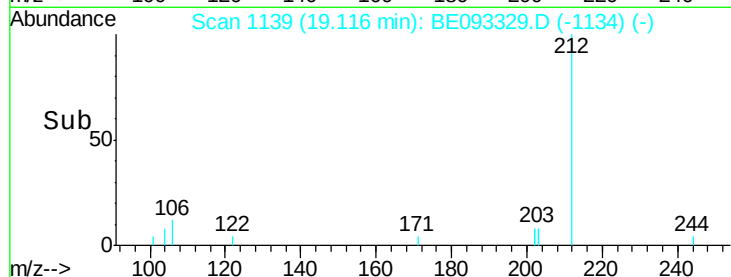
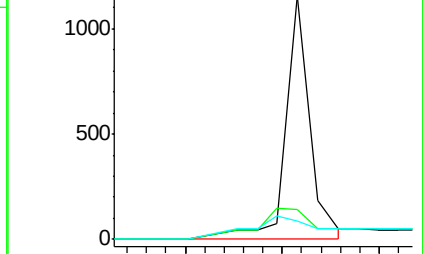
104 0.0 0.0 0.0



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

Fluoranthene

Concen: 0.02 ng

RT: 19.14 min Scan# 1140

Delta R.T. -0.02 min

Lab File: BE093329.D

Acq: 22 Jun 2017 15:34

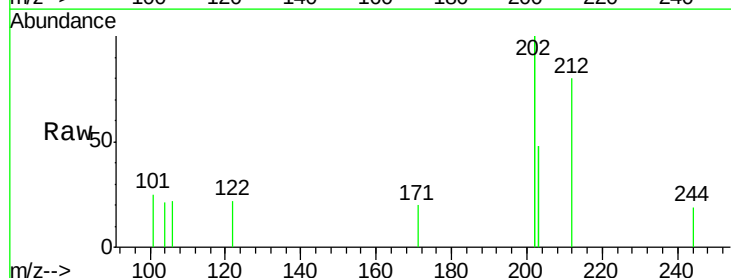
Tgt Ion:202 Resp: 473

Ion Ratio Lower Upper

202 100

101 5.1 0.0 0.0#

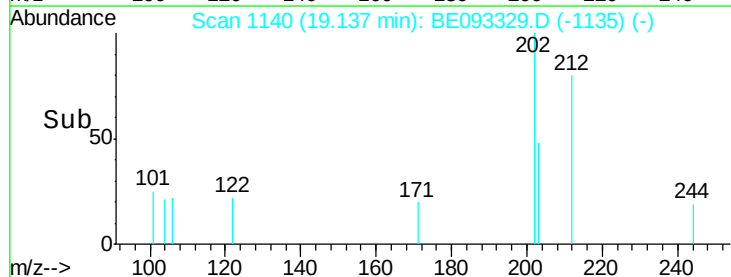
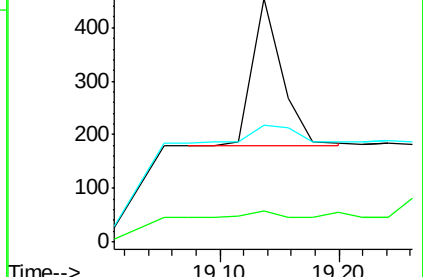
203 18.6 14.4 21.6

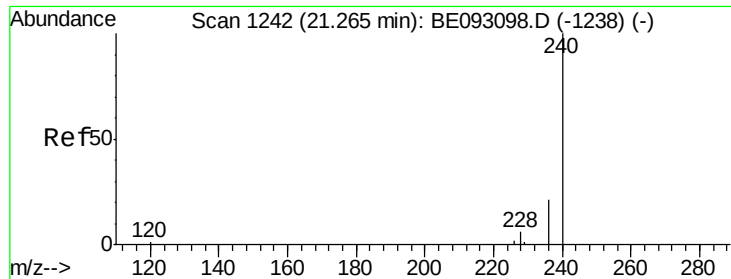


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.40 ng

RT: 21.25 min Scan# 1242

Delta R.T. -0.02 min

Lab File: BE093329.D

Acq: 22 Jun 2017 15:34

Instrument :

BNA_E

ClientSampleId :

KY038PS027-170613

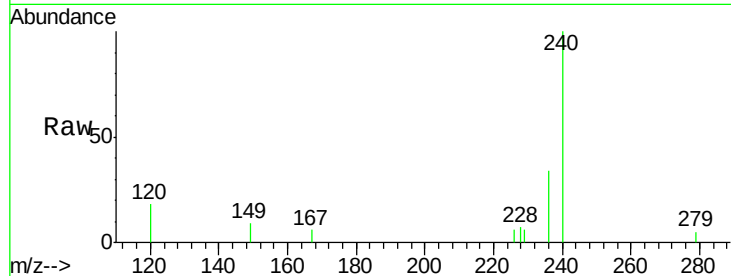
Tgt Ion:240 Resp: 1377

Ion Ratio Lower Upper

240 100

120 18.2 4.6 7.0#

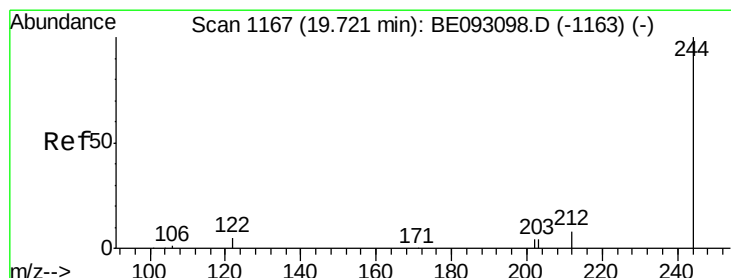
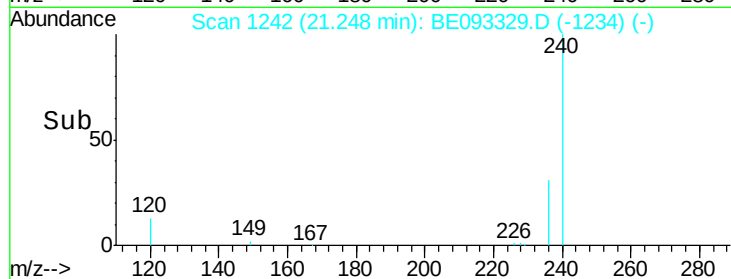
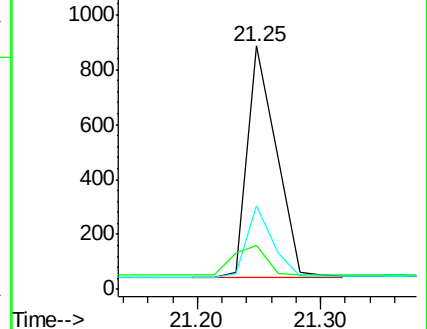
236 34.4 20.8 31.2#



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: 0.62 ng

RT: 19.72 min Scan# 1168

Delta R.T. -0.00 min

Lab File: BE093329.D

Acq: 22 Jun 2017 15:34

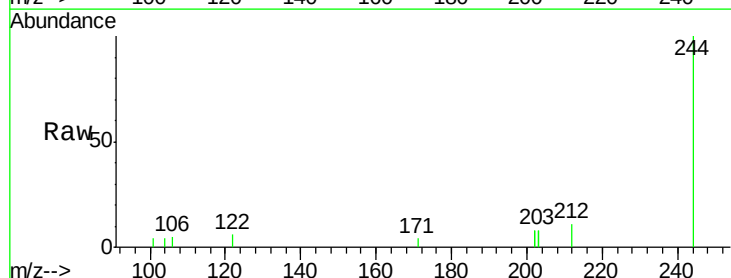
Tgt Ion:244 Resp: 1656

Ion Ratio Lower Upper

244 100

212 10.7 10.6 16.0

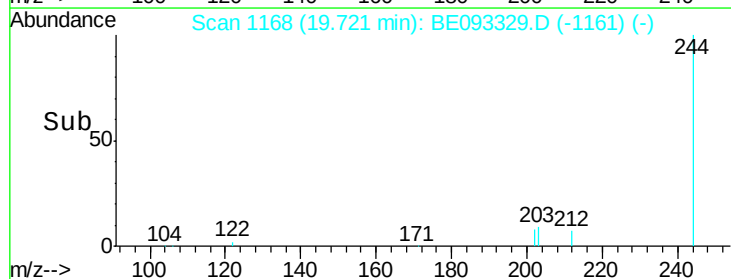
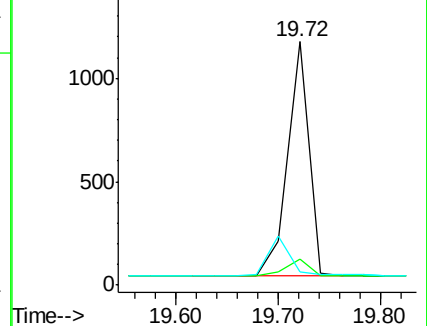
122 5.6 15.4 23.0#

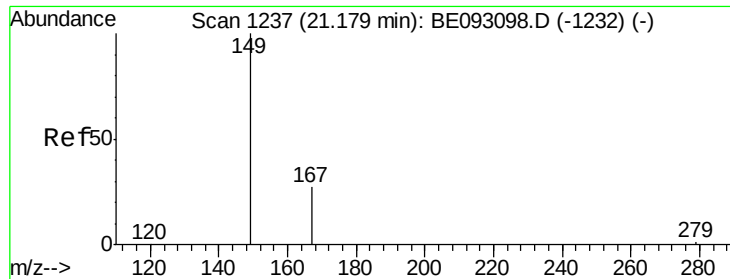


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

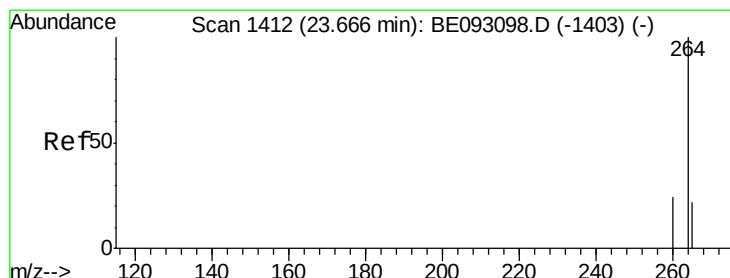
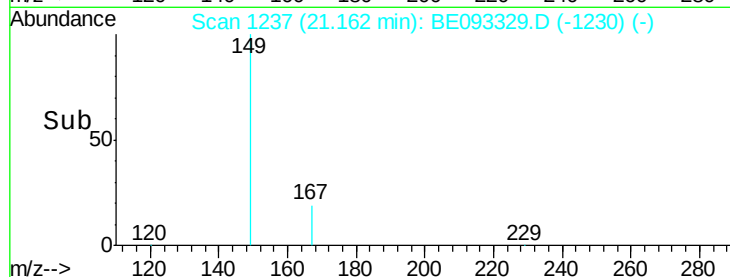
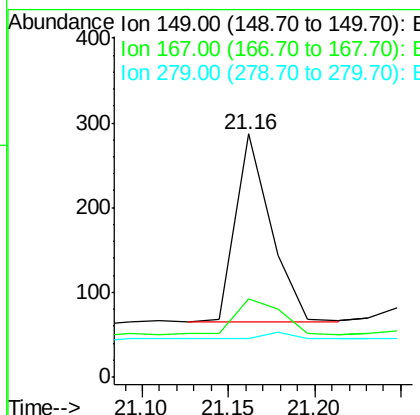
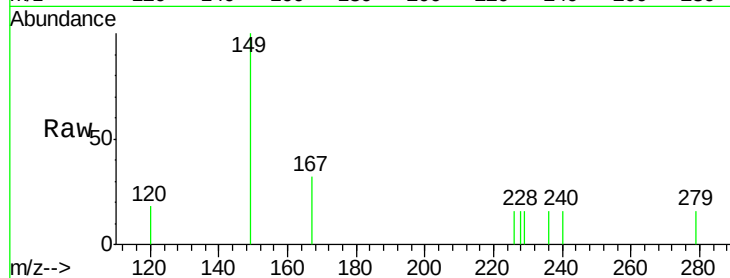




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.20 ng
 RT: 21.16 min Scan# 1237
 Delta R.T. -0.02 min
 Lab File: BE093329.D
 Acq: 22 Jun 2017 15:34

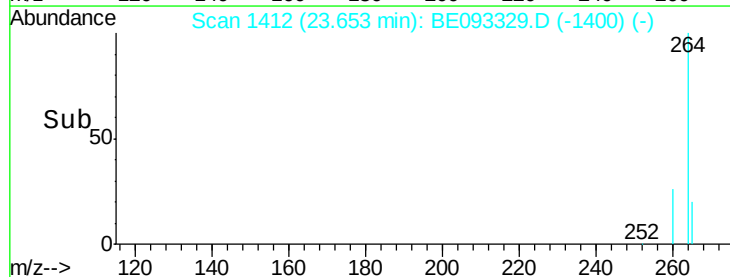
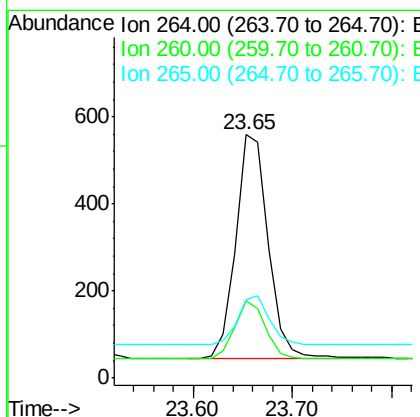
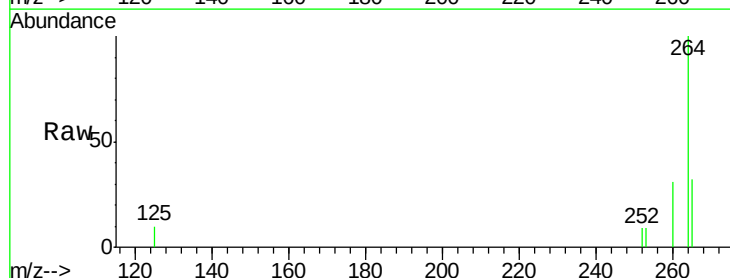
Instrument :
 BNA_E
 ClientSampleId :
 KY038PS027-170613

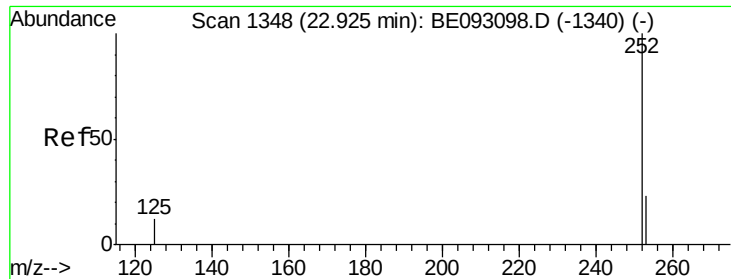
Tgt Ion: 149 Resp: 321
 Ion Ratio Lower Upper
 149 100
 167 24.6 20.1 30.1
 279 0.0 2.2 3.4#



#34
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.65 min Scan# 1412
 Delta R.T. -0.01 min
 Lab File: BE093329.D
 Acq: 22 Jun 2017 15:34

Tgt Ion: 264 Resp: 1166
 Ion Ratio Lower Upper
 264 100
 260 31.5 21.0 31.4#
 265 32.0 24.6 36.8





#35

Benzo(b)fluoranthene

Concen: 0.02 ng

RT: 22.92 min Scan# 1349

Delta R.T. -0.00 min

Lab File: BE093329.D

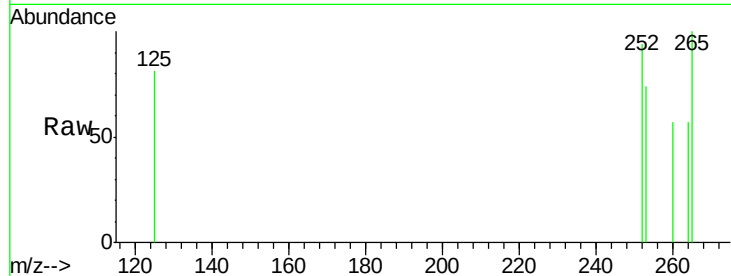
Acq: 22 Jun 2017 15:34

Instrument :

BNA_E

ClientSampleId :

KY038PS027-170613



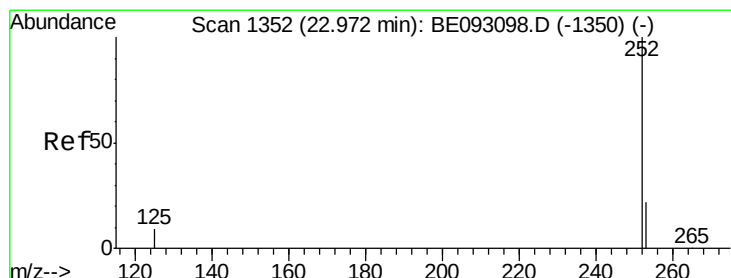
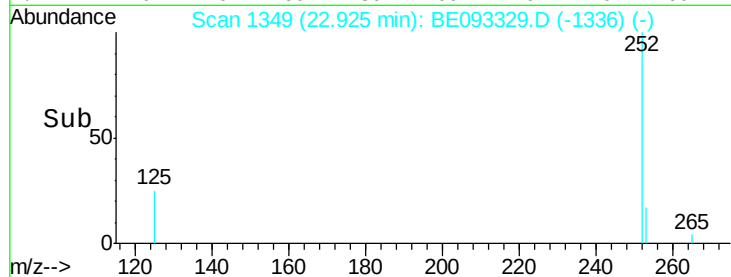
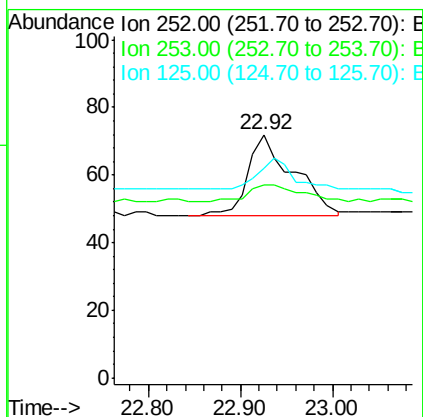
Tgt Ion: 252 Resp: 82

Ion Ratio Lower Upper

252 100

253 79.2 18.5 27.7#

125 86.1 13.4 20.0#



#36

Benzo(k)fluoranthene

Concen: 0.02 ng

RT: 22.92 min Scan# 1349

Delta R.T. -0.05 min

Lab File: BE093329.D

Acq: 22 Jun 2017 15:34

Tgt Ion: 252 Resp: 85

Ion Ratio Lower Upper

252 100

253 79.2 20.3 30.5#

125 86.1 12.2 18.4#

