

Data Path : S:\HPCHEM1\BNA_E\DATA\BE050517\
 Data File : BE092941.D
 Acq On : 5 May 2017 22:15
 Operator : SJ/MA
 Sample : I2893-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 3063-PP3

Quant Time: May 06 02:39:41 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	746	0.40	ng	0.00
7) Naphthalene-d8	10.53	136	2978	0.40	ng	0.00
13) Acenaphthene-d10	14.39	164	1389	0.40	ng	0.00
19) Phenanthrene-d10	17.13	188	3735	0.40	ng	0.00
26) Chrysene-d12	21.28	240	4207	0.40	ng	0.00
33) Perylene-d12	23.69	264	3746	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.35	112	340	0.20	ng	0.00
5) Phenol-d6	6.95	99	285	0.12	ng	0.00
8) Nitrobenzene-d5	8.90	82	839	0.42	ng	0.00
11) 2-Methylnaphthalene-d10	12.13	152	1783	0.40	ng	0.00
14) 2,4,6-Tribromophenol	15.87	330	105	0.48	ng	0.00
15) 2-Fluorobiphenyl	13.01	172	3066	0.48	ng	0.00
24) Fluoranthene-d10	19.15	212	3896	0.45	ng	0.00
28) Terphenyl-d14	19.73	244	2934	0.40	ng	0.00

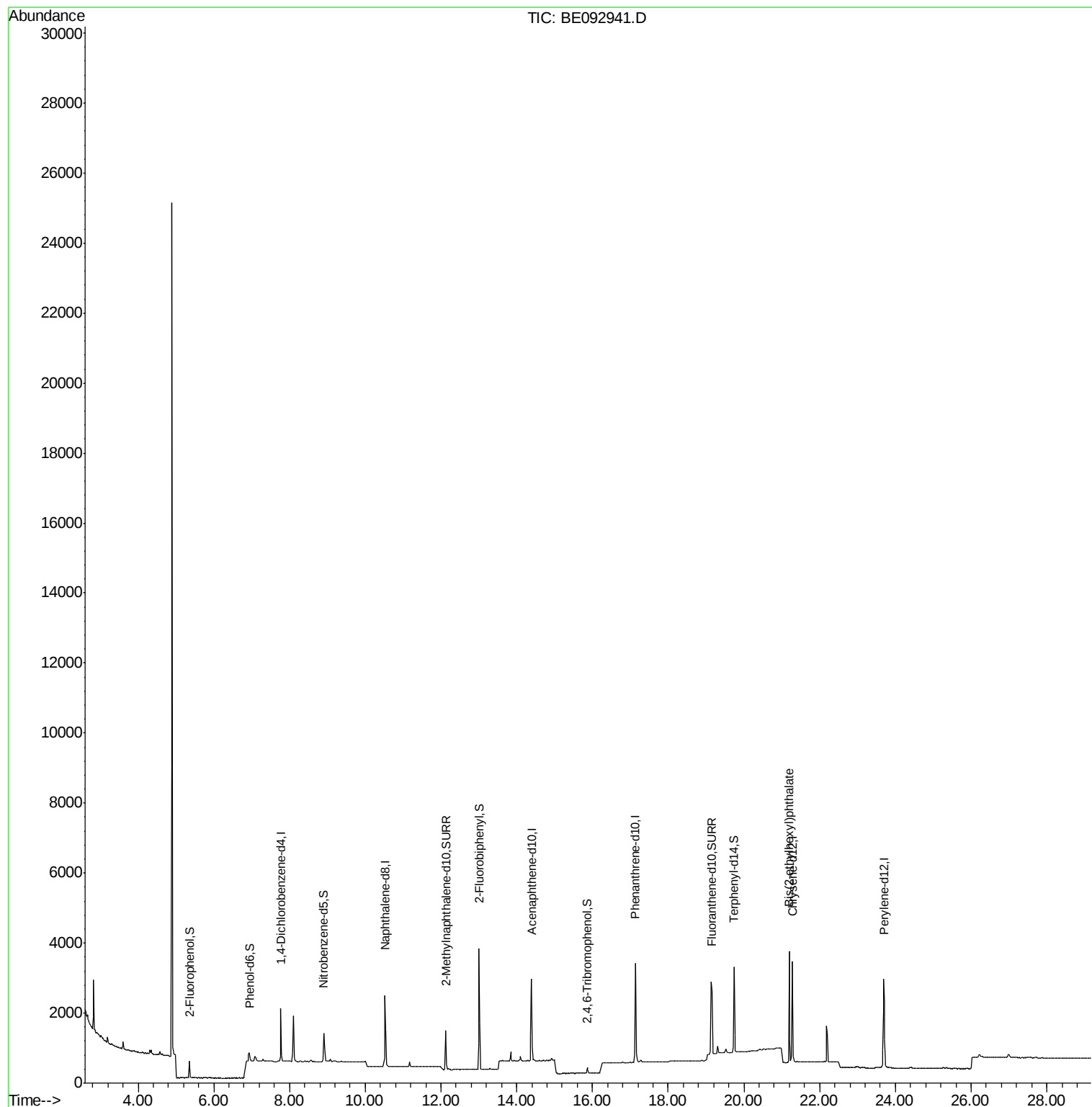
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
31) Bis(2-ethylhexyl)phthalate	21.20	149	3241	1.20	ng	# 96

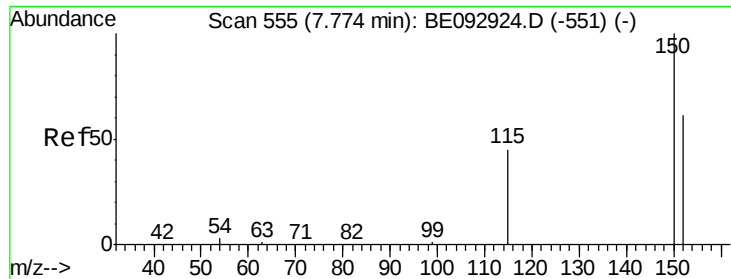
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE092941.D

Acq: 5 May 2017 22:15

Instrument :

BNA_E

ClientSampleId :

3063-PP3

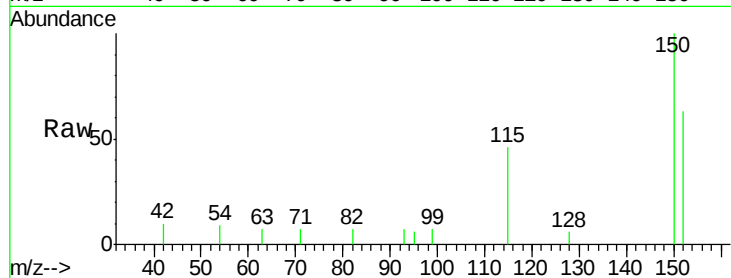
Tgt Ion:152 Resp: 746

Ion Ratio Lower Upper

152 100

150 157.9 129.9 194.9

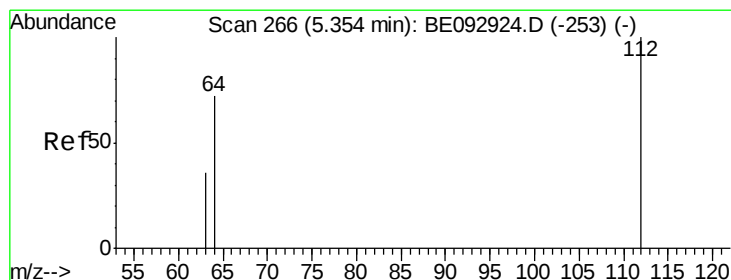
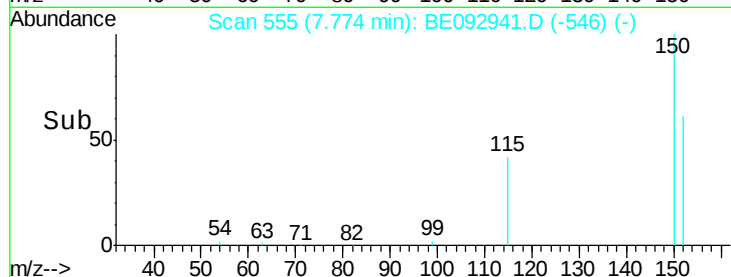
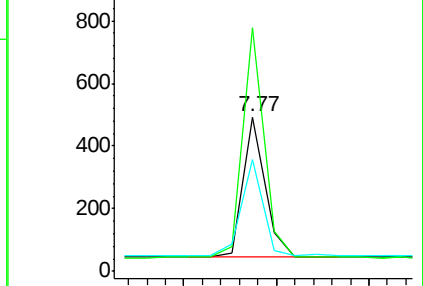
115 72.6 62.6 93.8



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: 0.20 ng

RT: 5.35 min Scan# 266

Delta R.T. 0.00 min

Lab File: BE092941.D

Acq: 5 May 2017 22:15

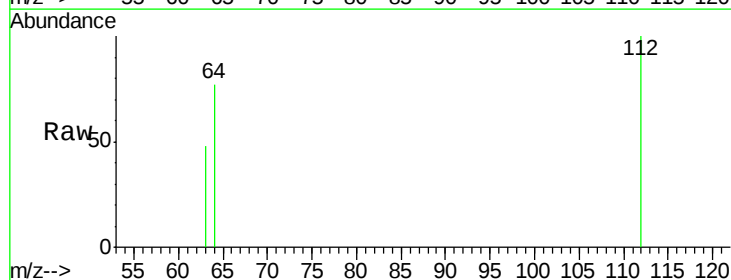
Tgt Ion:112 Resp: 340

Ion Ratio Lower Upper

112 100

64 69.7 52.6 79.0

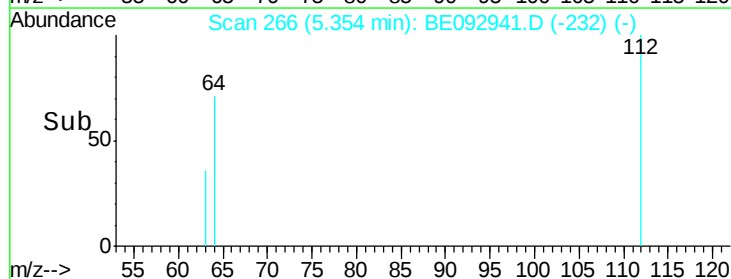
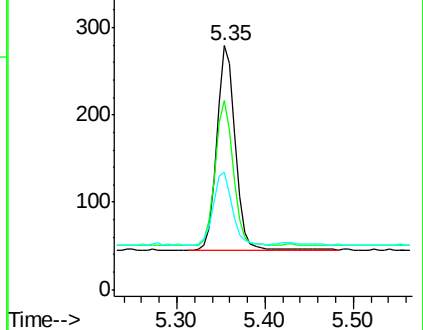
63 36.8 29.0 43.4

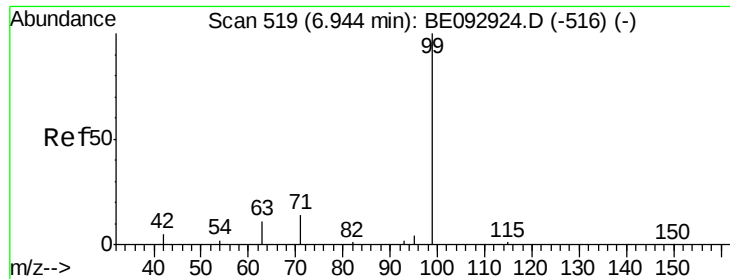


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.12 ng

RT: 6.95 min Scan# 519

Delta R.T. 0.00 min

Lab File: BE092941.D

Acq: 5 May 2017 22:15

Instrument :

BNA_E

ClientSampled :

3063-PP3

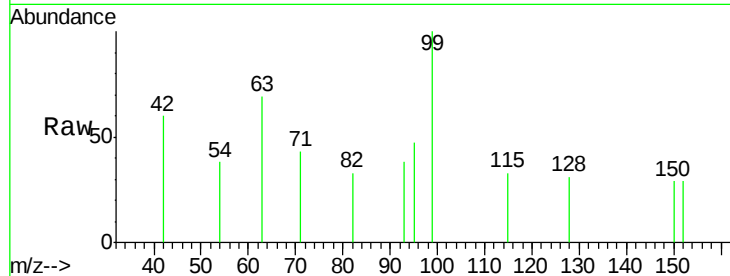
Tgt Ion: 99 Resp: 285

Ion Ratio Lower Upper

99 100

42 0.0 0.0 0.0

71 0.0 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

6.95

150

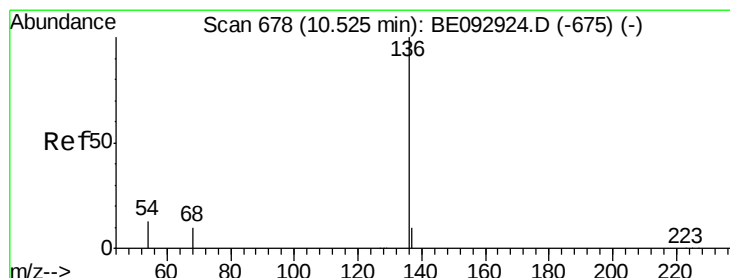
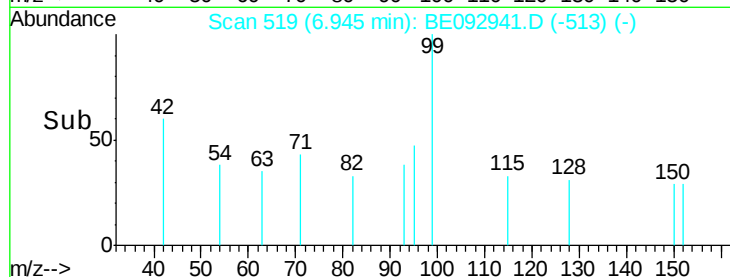
100

50

0

6.85 6.90 6.95 7.00

Time-->



#7

Naphthalene-d8

Concen: 0.40 ng

RT: 10.53 min Scan# 678

Delta R.T. 0.00 min

Lab File: BE092941.D

Acq: 5 May 2017 22:15

Tgt Ion: 136 Resp: 2978

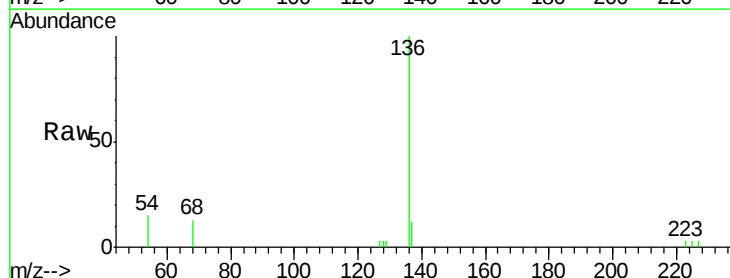
Ion Ratio Lower Upper

136 100

137 12.4 10.4 15.6

54 14.9 12.6 18.8

68 12.9 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

10.53

2500

2000

1500

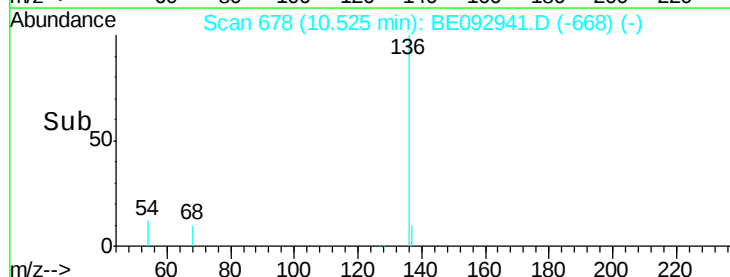
1000

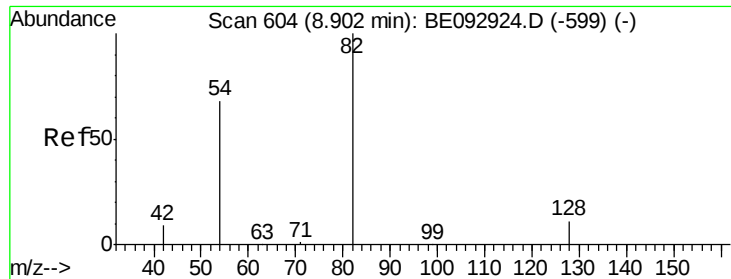
500

0

10.40 10.50 10.60

Time-->

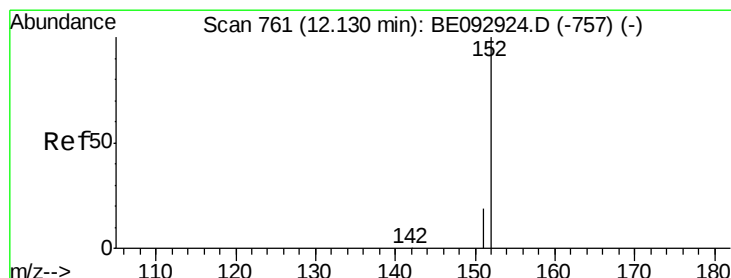
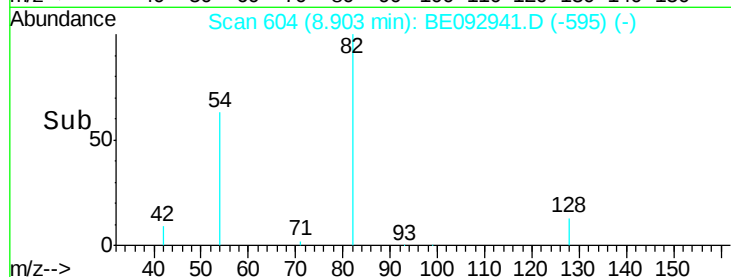
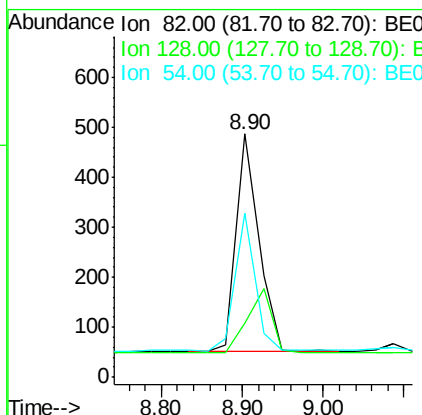
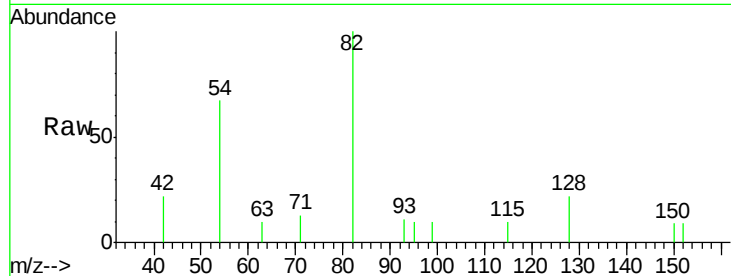




#8
 Nitrobenzene-d5
 Concen: 0.42 ng
 RT: 8.90 min Scan# 604
 Delta R.T. 0.00 min
 Lab File: BE092941.D
 Acq: 5 May 2017 22:15

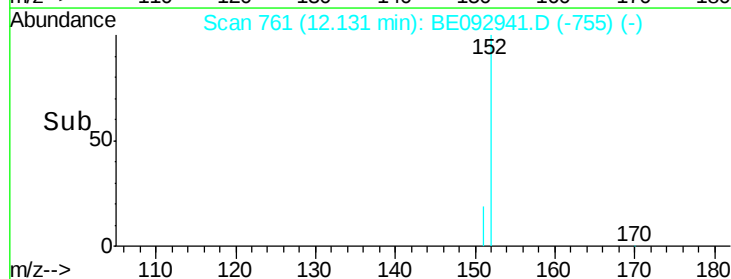
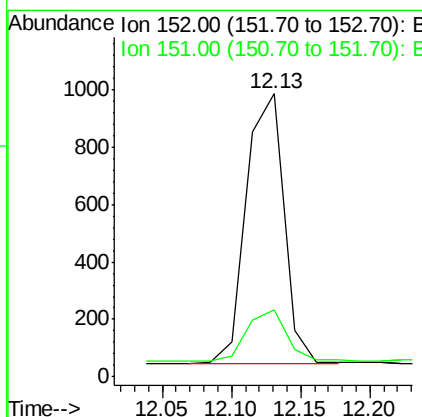
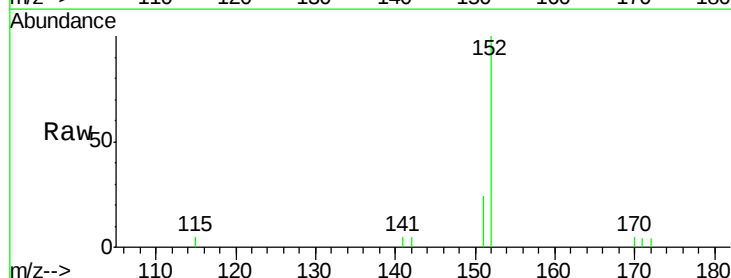
Instrument :
 BNA_E
 ClientSampleId :
 3063-PP3

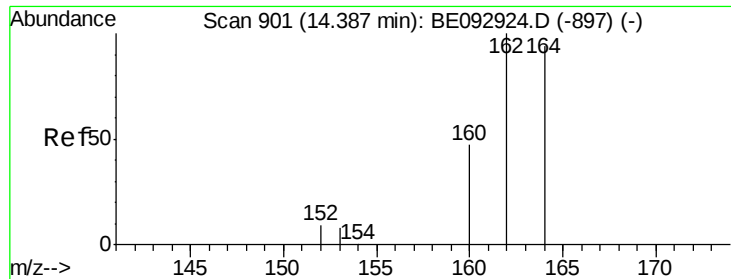
Tgt Ion: 82 Resp: 839
 Ion Ratio Lower Upper
 82 100
 128 22.0 35.3 52.9#
 54 67.4 65.1 97.7



#11
 2-Methylnaphthalene-d10
 Concen: 0.40 ng
 RT: 12.13 min Scan# 761
 Delta R.T. 0.00 min
 Lab File: BE092941.D
 Acq: 5 May 2017 22:15

Tgt Ion: 152 Resp: 1783
 Ion Ratio Lower Upper
 152 100
 151 19.1 15.7 23.5





#13

Acenaphthene-d10

Concen: 0.40 ng

RT: 14.39 min Scan# 901

Delta R.T. 0.00 min

Lab File: BE092941.D

Acq: 5 May 2017 22:15

Instrument :

BNA_E

ClientSampleId :

3063-PP3

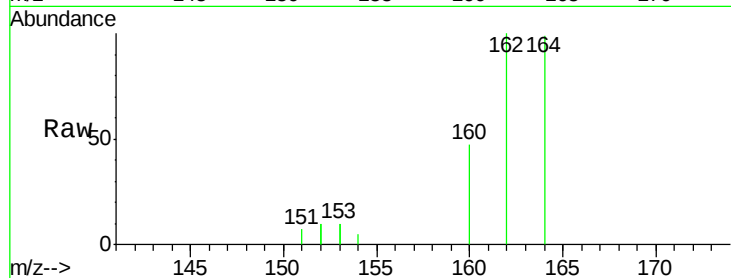
Tgt Ion:164 Resp: 1389

Ion Ratio Lower Upper

164 100

162 101.2 86.6 130.0

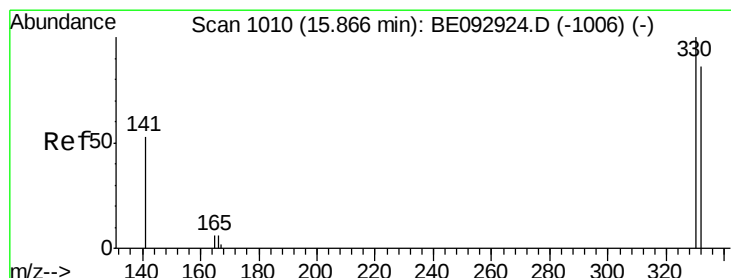
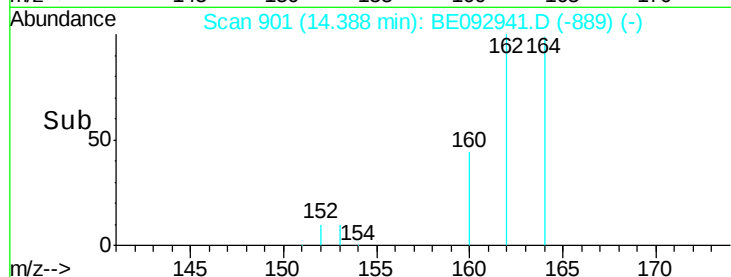
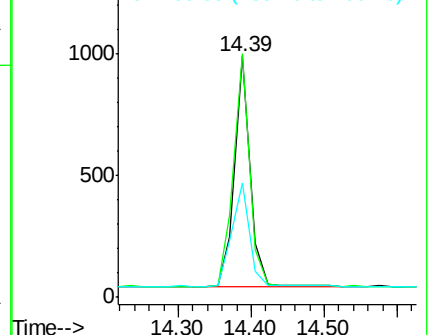
160 47.5 44.5 66.7



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: 0.48 ng

RT: 15.87 min Scan# 1010

Delta R.T. 0.00 min

Lab File: BE092941.D

Acq: 5 May 2017 22:15

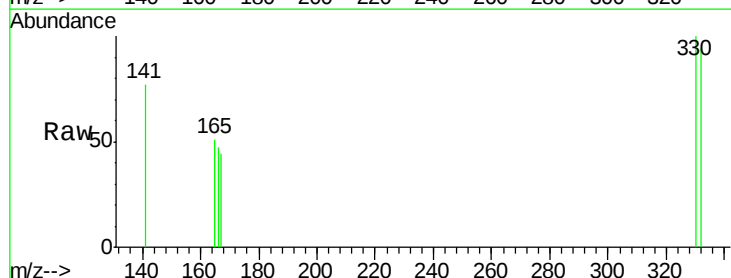
Tgt Ion:330 Resp: 105

Ion Ratio Lower Upper

330 100

332 94.3 69.1 103.7

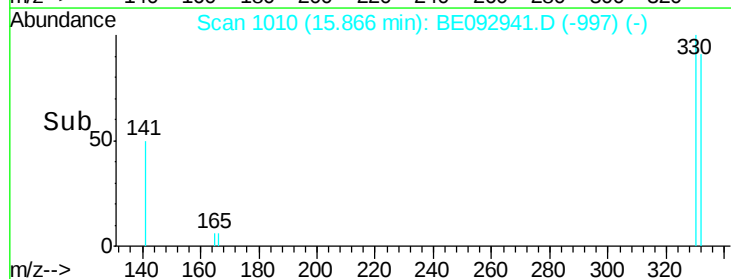
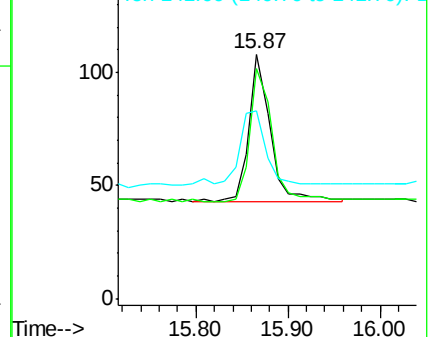
141 65.7 54.6 81.8

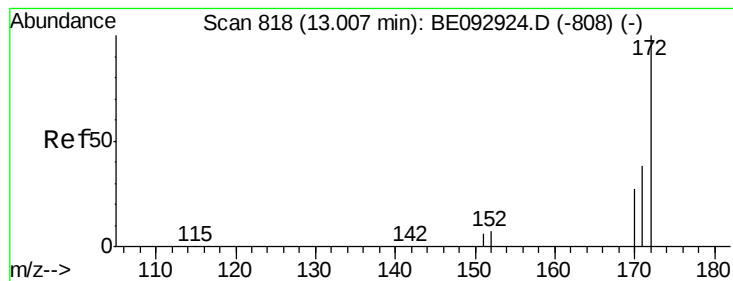


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.48 ng

RT: 13.01 min Scan# 818

Delta R.T. 0.00 min

Lab File: BE092941.D

Acq: 5 May 2017 22:15

Instrument :

BNA_E

ClientSampleId :

3063-PP3

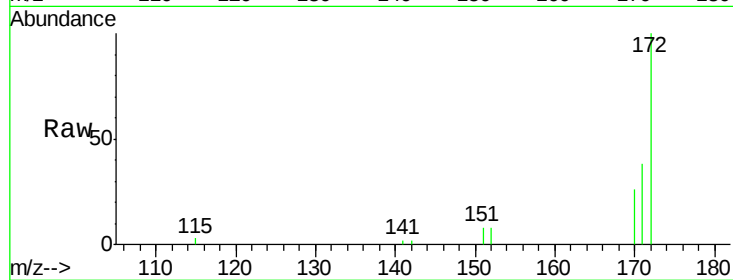
Tgt Ion:172 Resp: 3066

Ion Ratio Lower Upper

172 100

171 37.8 35.8 53.6

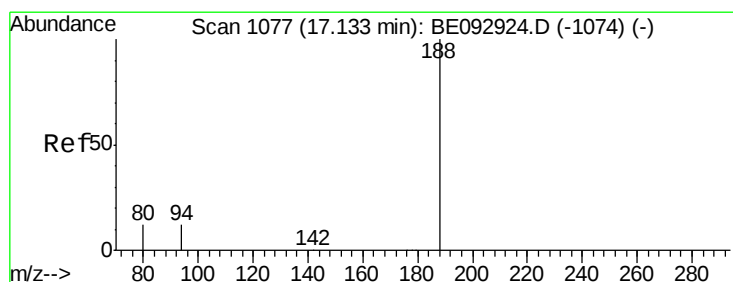
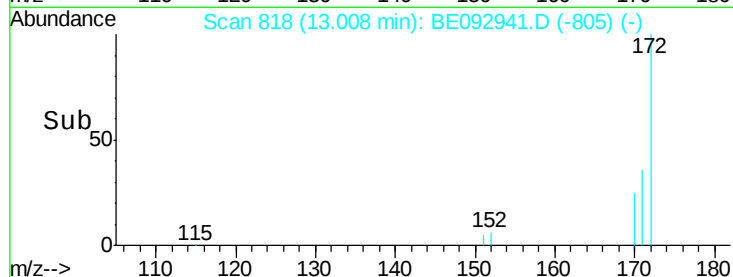
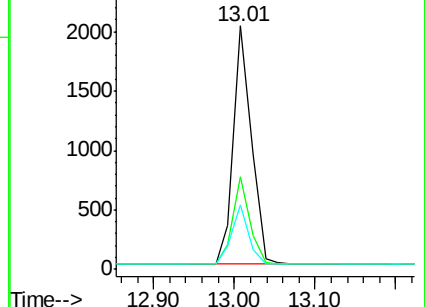
170 26.4 28.5 42.7#



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: BE092941.D

Acq: 5 May 2017 22:15

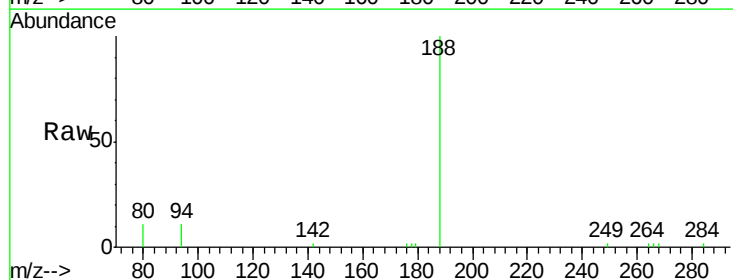
Tgt Ion:188 Resp: 3735

Ion Ratio Lower Upper

188 100

94 11.1 10.2 15.4

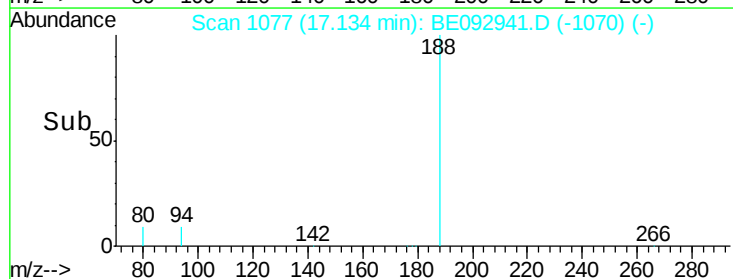
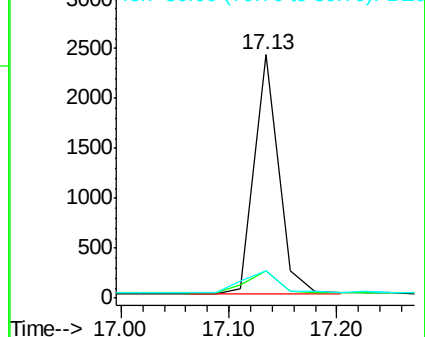
80 11.1 10.6 15.8

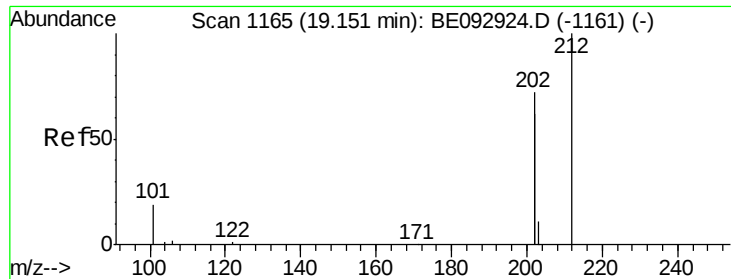


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0





#24

Fluoranthene-d10

Concen: 0.45 ng

RT: 19.15 min Scan# 1164

Delta R.T. -0.00 min

Lab File: BE092941.D

Acq: 5 May 2017 22:15

Instrument :

BNA_E

ClientSampleId :

3063-PP3

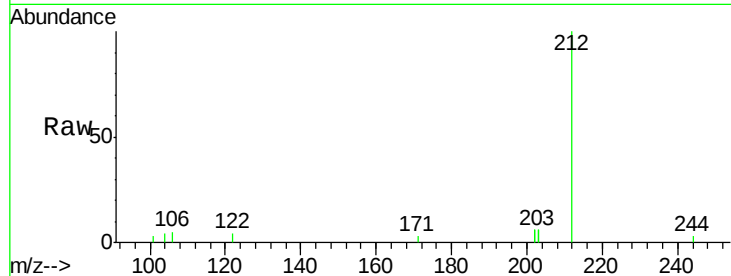
Tgt Ion:212 Resp: 3896

Ion Ratio Lower Upper

212 100

106 0.0 0.0 0.0

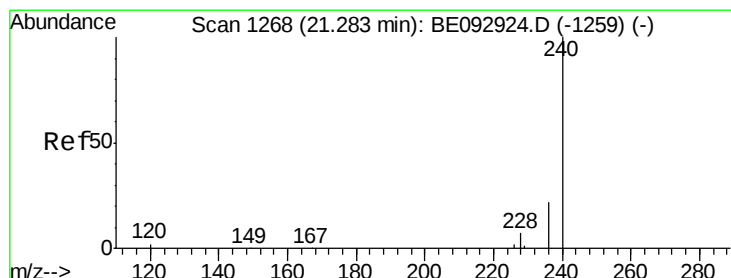
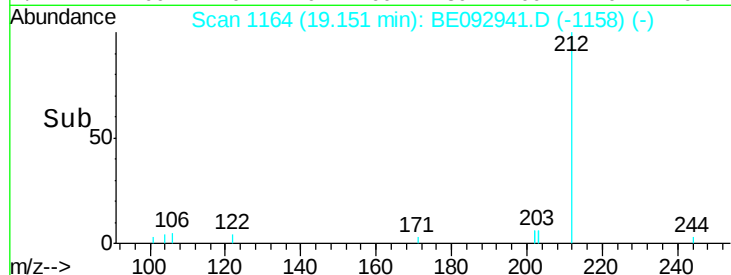
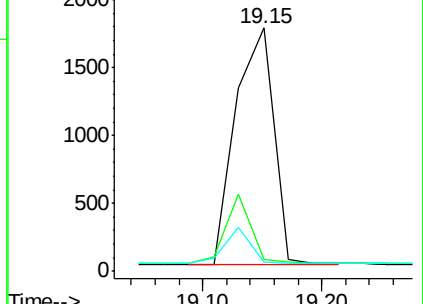
104 0.0 0.0 0.0



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: BE092941.D

Acq: 5 May 2017 22:15

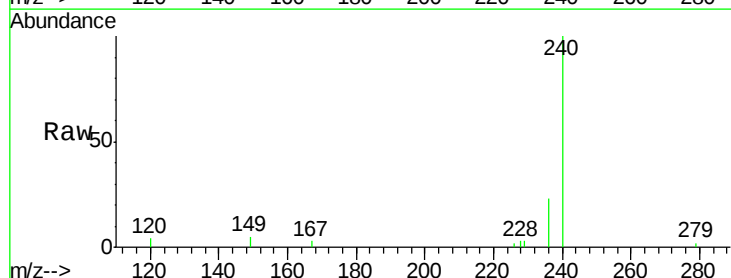
Tgt Ion:240 Resp: 4207

Ion Ratio Lower Upper

240 100

120 4.4 4.6 6.8#

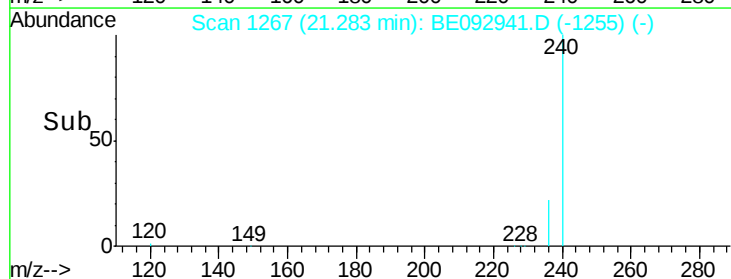
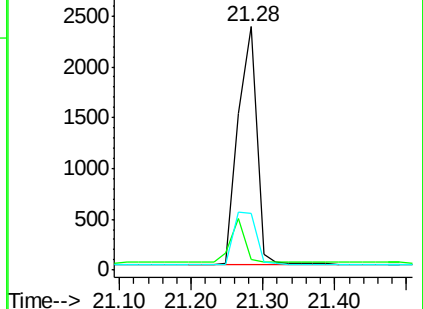
236 23.2 19.8 29.8

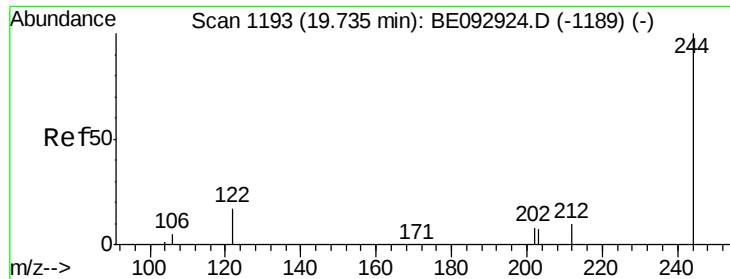


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#28

Terphenyl-d14

Concen: 0.40 ng

RT: 19.73 min Scan# 1192

Delta R.T. -0.00 min

Lab File: BE092941.D

Acq: 5 May 2017 22:15

Instrument :

BNA_E

ClientSampleId :

3063-PP3

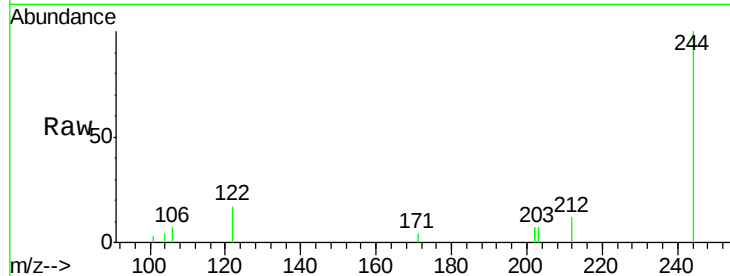
Tgt Ion:244 Resp: 2934

Ion Ratio Lower Upper

244 100

212 12.1 18.4 27.6#

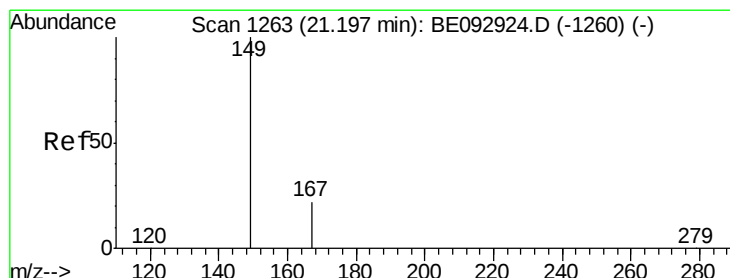
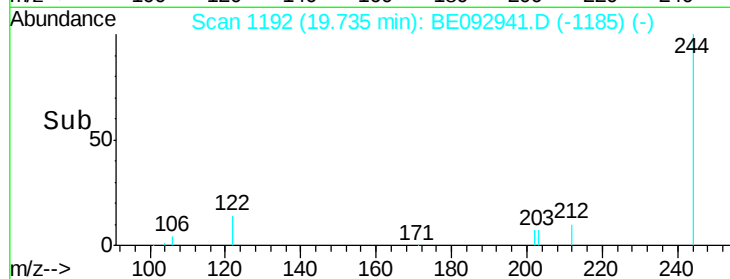
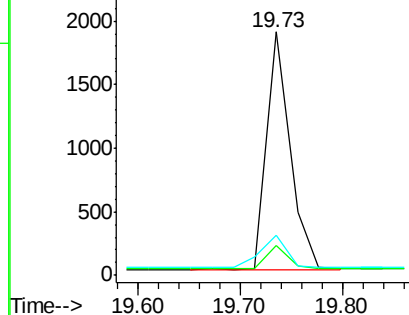
122 16.6 23.3 34.9#



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



#31

Bis(2-ethylhexyl)phthalate

Concen: 1.20 ng

RT: 21.20 min Scan# 1262

Delta R.T. -0.00 min

Lab File: BE092941.D

Acq: 5 May 2017 22:15

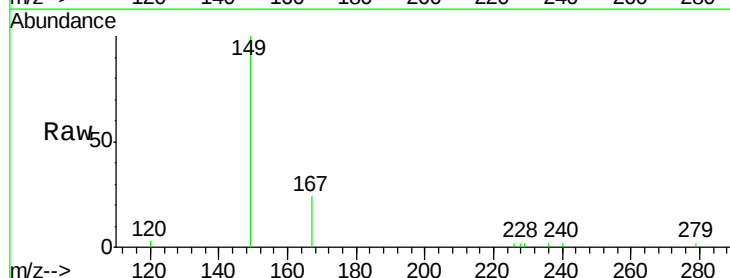
Tgt Ion:149 Resp: 3241

Ion Ratio Lower Upper

149 100

167 23.9 20.9 31.3

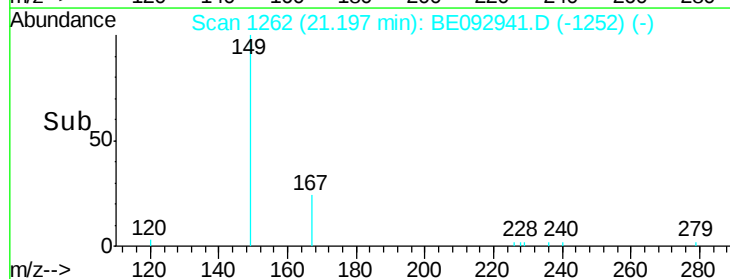
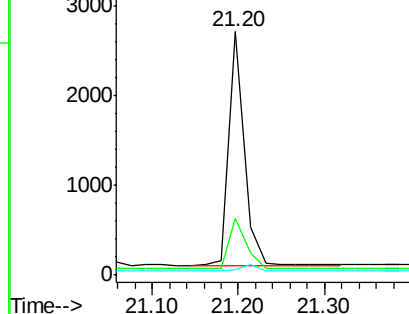
279 2.7 0.0 0.0#

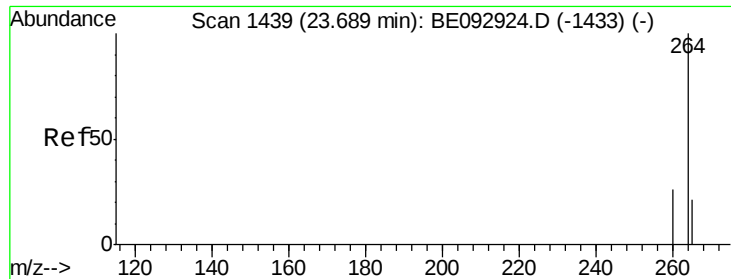


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#33

Perylene-d12

Concen: 0.40 ng

RT: 23.69 min Scan# 1438

Delta R.T. 0.00 min

Lab File: BE092941.D

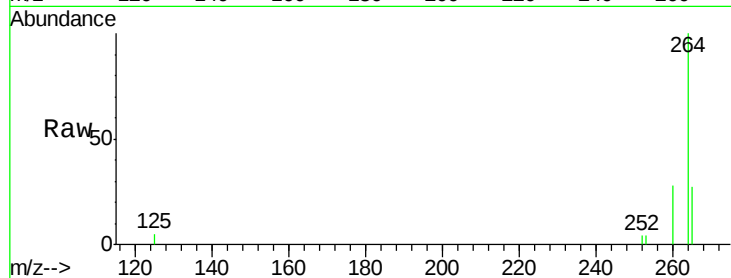
Acq: 5 May 2017 22:15

Instrument :

BNA_E

ClientSampleId :

3063-PP3



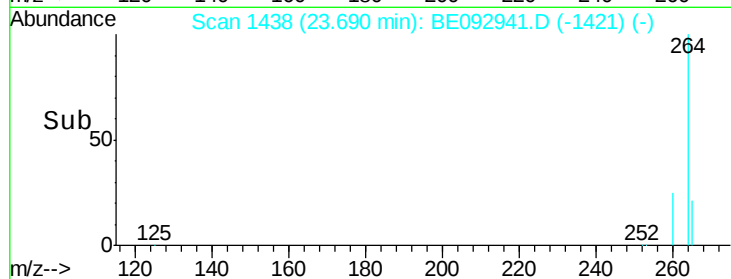
Tgt Ion: 264 Resp: 3746

Ion Ratio Lower Upper

264 100

260 27.5 23.5 35.3

265 27.1 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

