

Data Path : S:\HPCHEM1\BNA_E\DATA\BE050517\
 Data File : BE092942.D
 Acq On : 5 May 2017 22:54
 Operator : SJ/MA
 Sample : I2893-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 3064-PP4

Quant Time: May 06 02:48:37 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

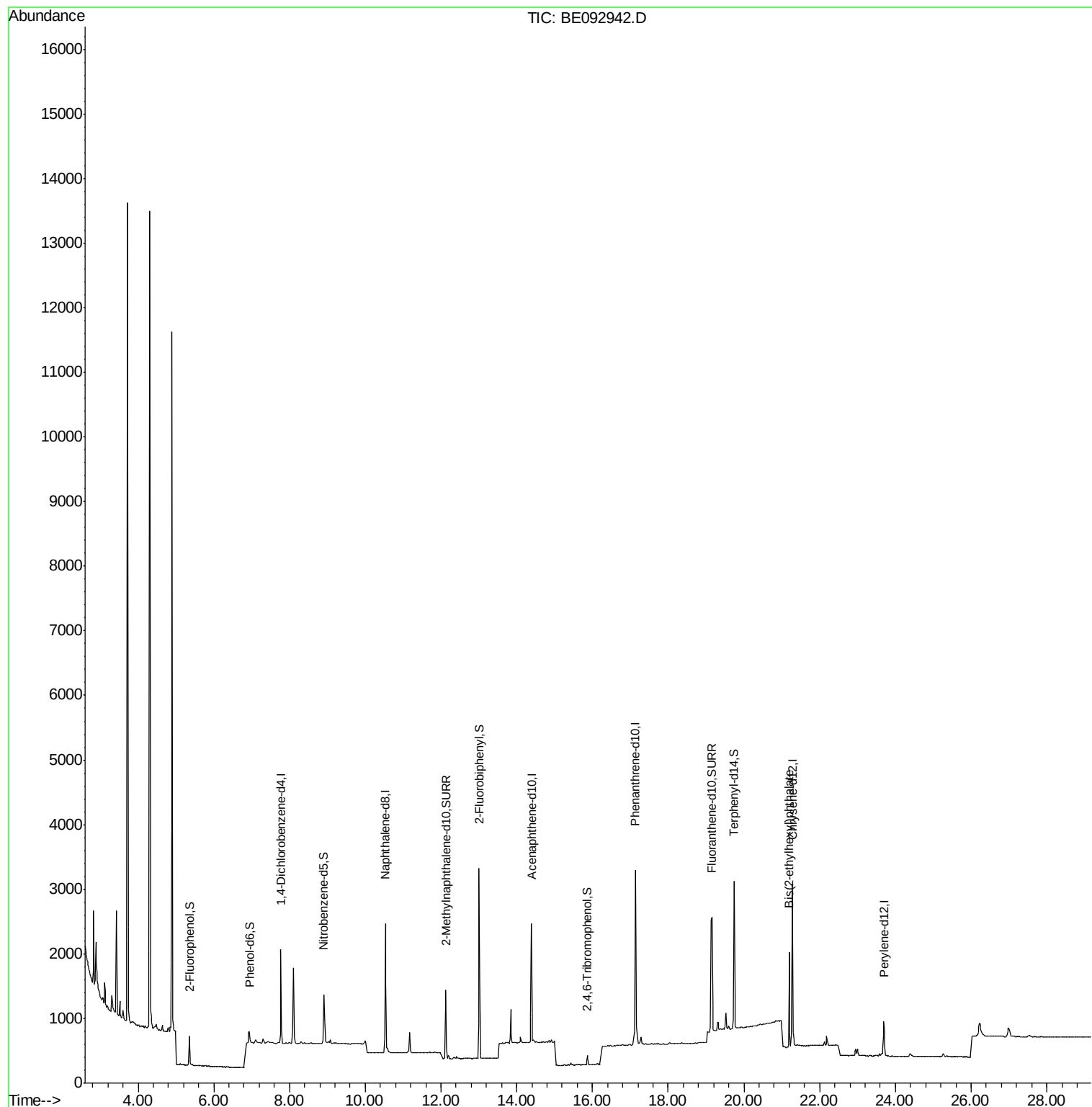
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	714	0.40	ng	0.00
7) Naphthalene-d8	10.53	136	2930	0.40	ng	0.00
13) Acenaphthene-d10	14.39	164	1063	0.40	ng	0.00
19) Phenanthrene-d10	17.13	188	3581	0.40	ng	0.00
26) Chrysene-d12	21.28	240	3499	0.40	ng	0.00
33) Perylene-d12	23.69	264	774	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.35	112	315	0.20	ng	0.00
5) Phenol-d6	6.94	99	243	0.11	ng	0.00
8) Nitrobenzene-d5	8.90	82	795	0.40	ng	0.00
11) 2-Methylnaphthalene-d10	12.13	152	1631	0.38	ng	0.00
14) 2,4,6-Tribromophenol	15.87	330	102	0.61	ng	0.00
15) 2-Fluorobiphenyl	13.01	172	2616	0.54	ng	0.00
24) Fluoranthene-d10	19.15	212	3436	0.41	ng	0.00
28) Terphenyl-d14	19.73	244	2794	0.46	ng	0.00
Target Compounds						Qvalue
31) Bis(2-ethylhexyl)phthalate	21.20	149	1462	0.65	ng	# 96

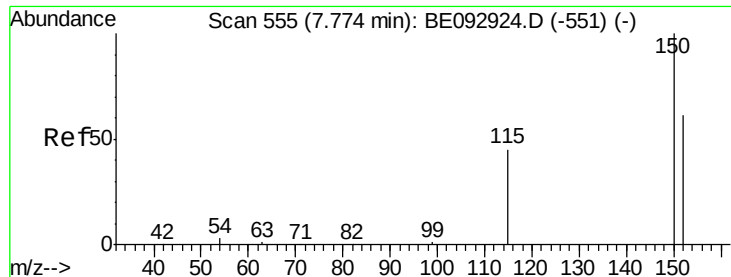
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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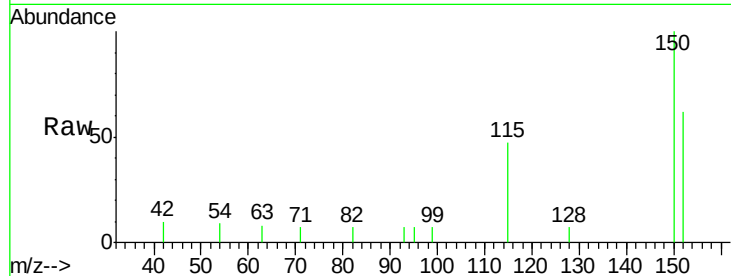


#1

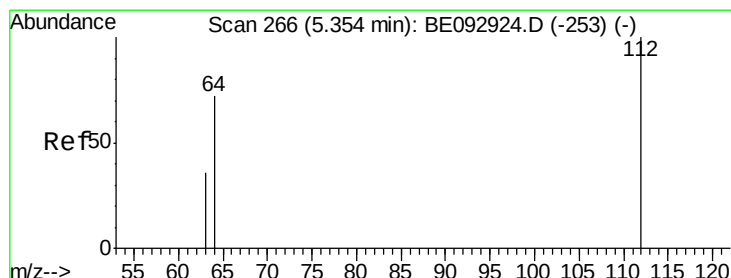
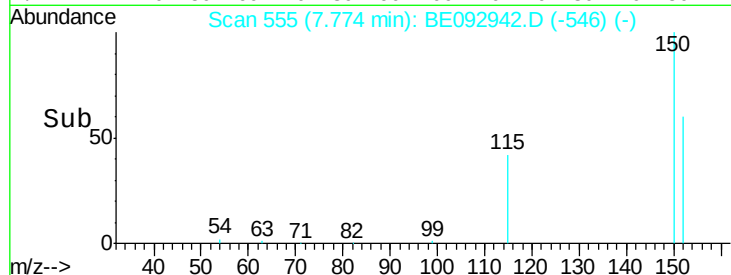
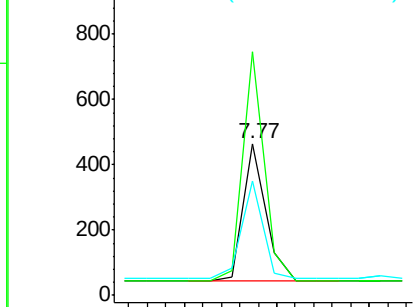
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.77 min Scan# 555
Delta R.T. 0.00 min
Lab File: BE092942.D
Acq: 5 May 2017 22:54

Instrument :
BNA_E
ClientSampleId :
3064-PP4

Tgt Ion:152 Resp: 714
Ion Ratio Lower Upper
152 100
150 160.1 129.9 194.9
115 75.1 62.6 93.8



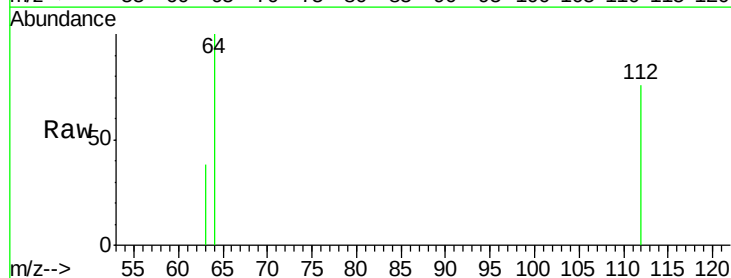
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



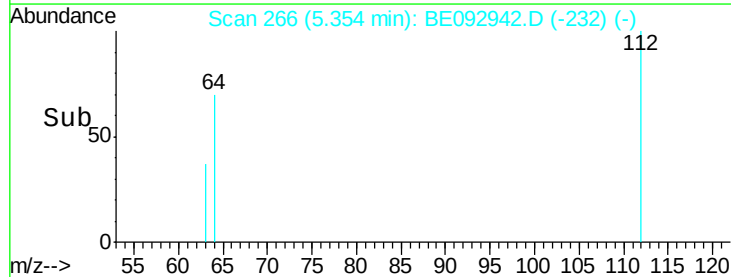
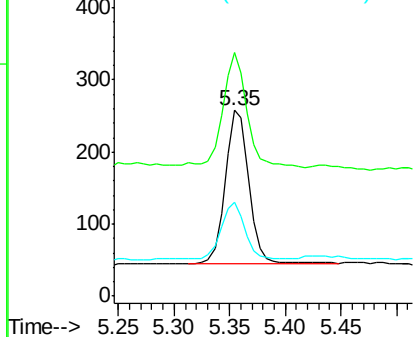
#4

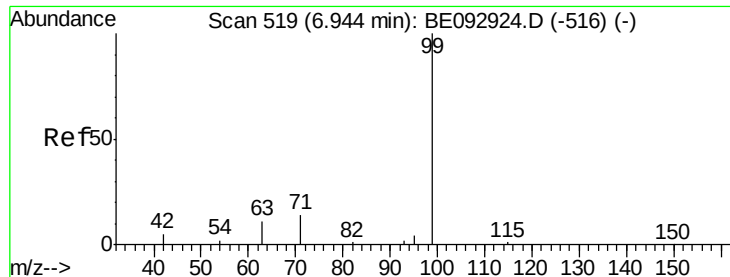
2-Fluorophenol
Concen: 0.20 ng
RT: 5.35 min Scan# 266
Delta R.T. 0.00 min
Lab File: BE092942.D
Acq: 5 May 2017 22:54

Tgt Ion:112 Resp: 315
Ion Ratio Lower Upper
112 100
64 77.1 52.6 79.0
63 37.5 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: 0.11 ng

RT: 6.94 min Scan# 519

Delta R.T. 0.00 min

Lab File: BE092942.D

Acq: 5 May 2017 22:54

Instrument :

BNA_E

ClientSampleId :

3064-PP4

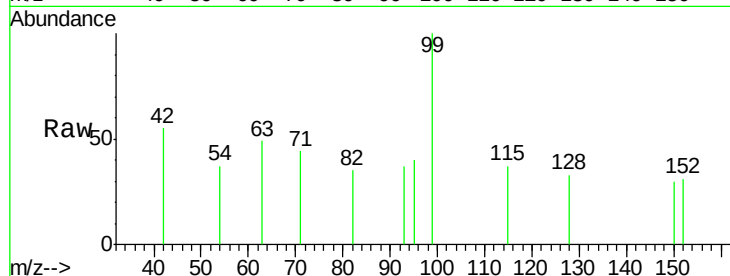
Tgt Ion: 99 Resp: 243

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

6.94

150

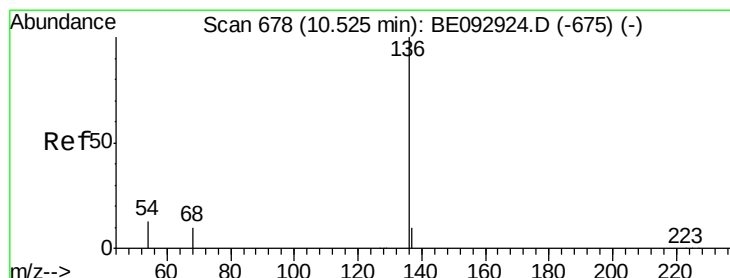
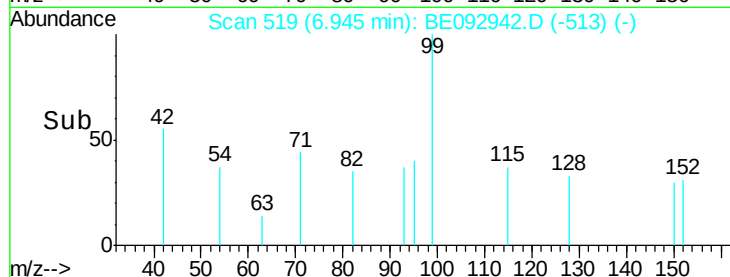
100

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: BE092942.D

Acq: 5 May 2017 22:54

Tgt Ion: 136 Resp: 2930

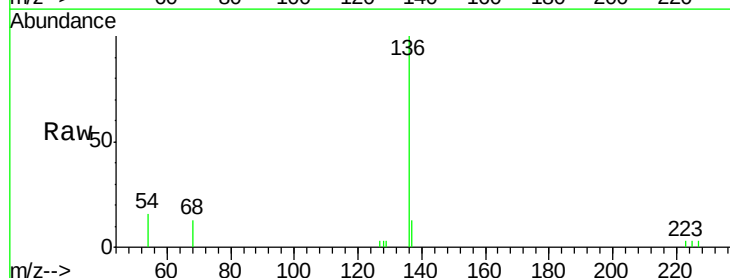
Ion Ratio Lower Upper

136 100

137 12.8 10.4 15.6

54 15.5 12.6 18.8

68 13.2 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

1500

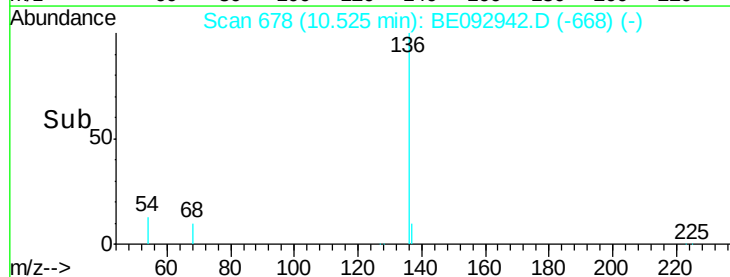
1000

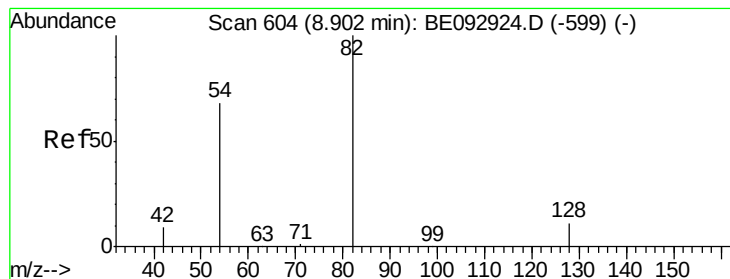
500

0

10.40 10.50 10.60

Time-->





#8

Nitrobenzene-d5

Concen: 0.40 ng

RT: 8.90 min Scan# 604

Delta R.T. 0.00 min

Lab File: BE092942.D

Acq: 5 May 2017 22:54

Instrument :

BNA_E

ClientSampleId :

3064-PP4

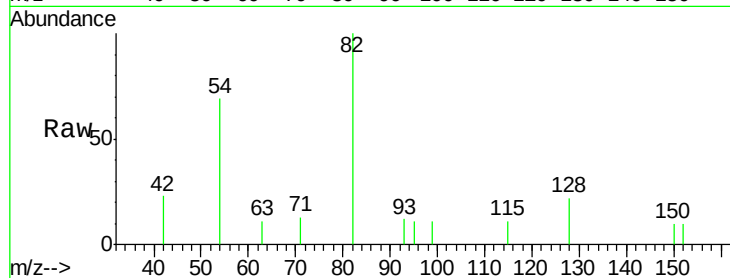
Tgt Ion: 82 Resp: 795

Ion Ratio Lower Upper

82 100

128 21.9 35.3 52.9#

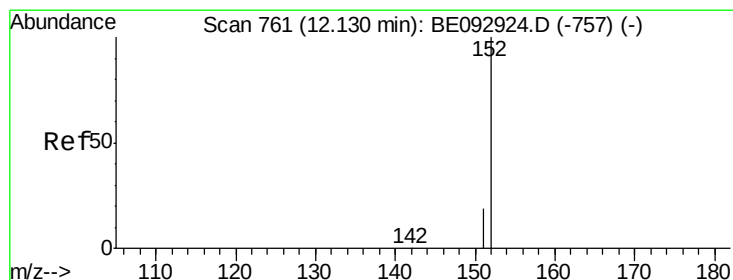
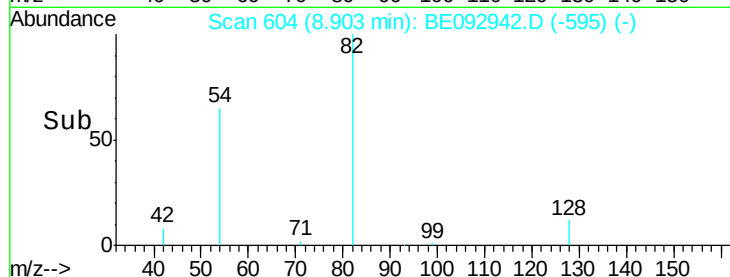
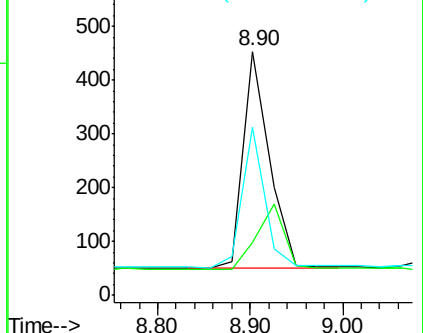
54 68.9 65.1 97.7



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



#11

2-Methylnaphthalene-d10

Concen: 0.38 ng

RT: 12.13 min Scan# 761

Delta R.T. 0.00 min

Lab File: BE092942.D

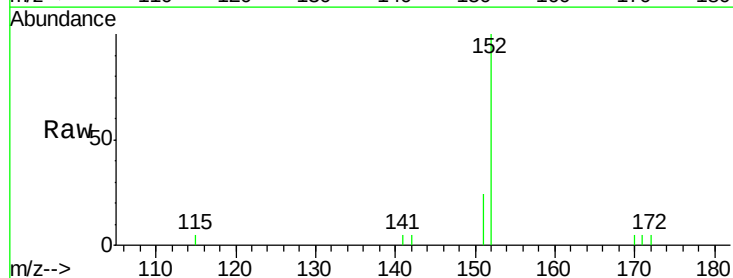
Acq: 5 May 2017 22:54

Tgt Ion: 152 Resp: 1631

Ion Ratio Lower Upper

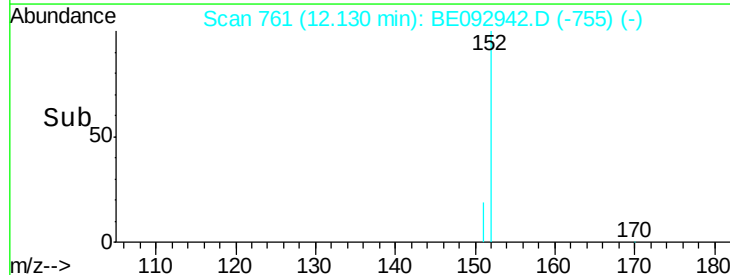
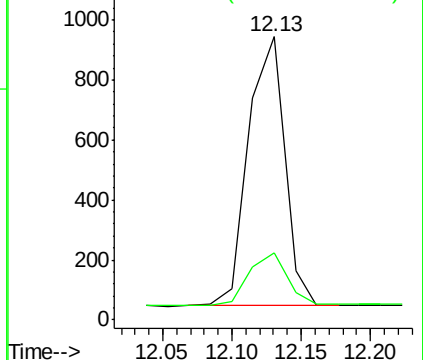
152 100

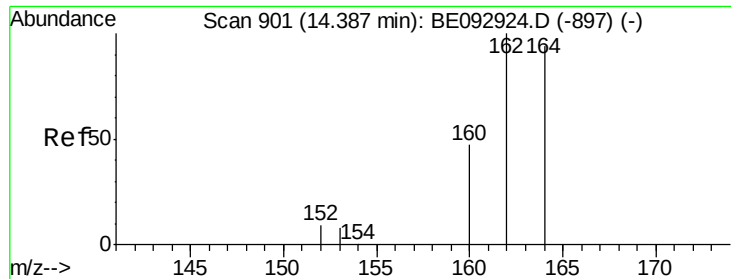
151 20.0 15.7 23.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

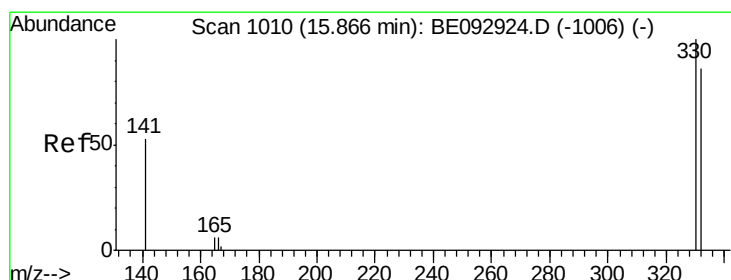
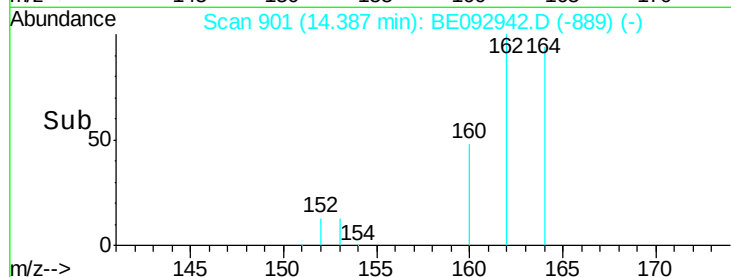
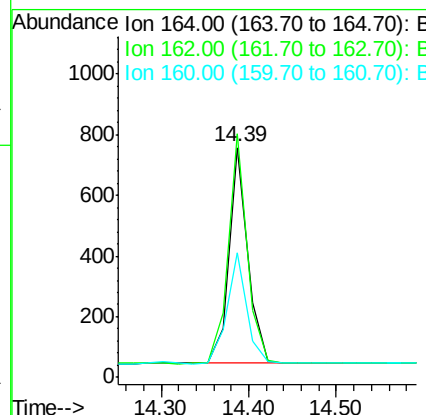
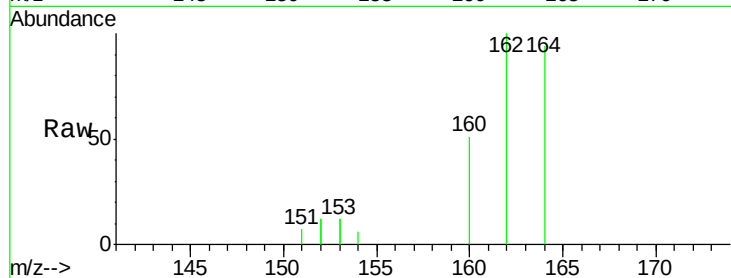




#13
 Acenaphthene-d10
 Concen: 0.40 ng
 RT: 14.39 min Scan# 901
 Delta R.T. 0.00 min
 Lab File: BE092942.D
 Acq: 5 May 2017 22:54

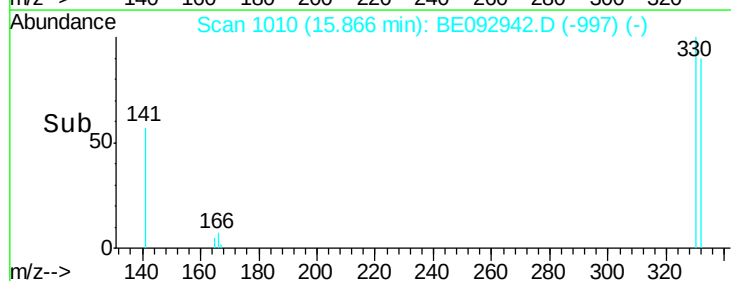
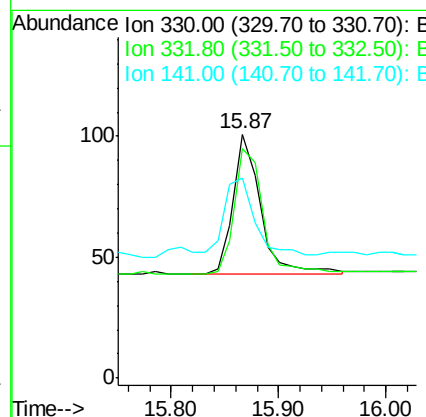
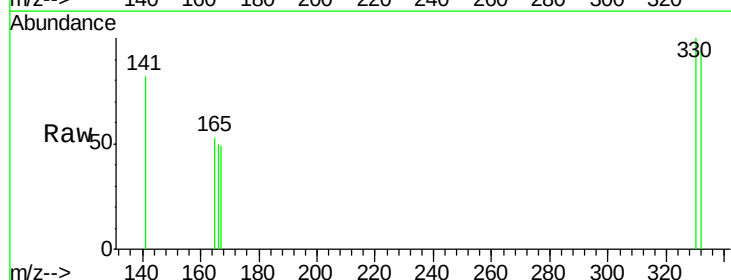
Instrument :
 BNA_E
 ClientSampleId :
 3064-PP4

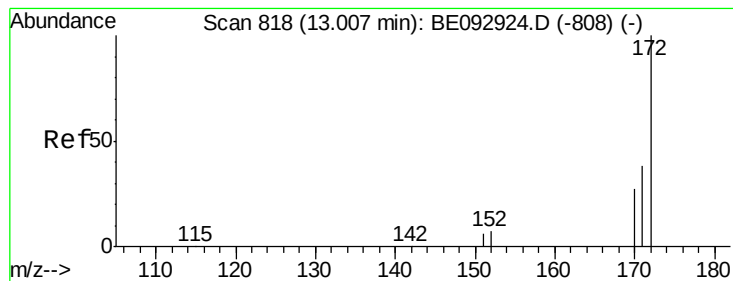
Tgt Ion:164 Resp: 1063
 Ion Ratio Lower Upper
 164 100
 162 106.1 86.6 130.0
 160 54.0 44.5 66.7



#14
 2,4,6-Tribromophenol
 Concen: 0.61 ng
 RT: 15.87 min Scan# 1010
 Delta R.T. 0.00 min
 Lab File: BE092942.D
 Acq: 5 May 2017 22:54

Tgt Ion:330 Resp: 102
 Ion Ratio Lower Upper
 330 100
 332 94.1 69.1 103.7
 141 62.7 54.6 81.8





#15

2-Fluorobiphenyl

Concen: 0.54 ng

RT: 13.01 min Scan# 818

Delta R.T. 0.00 min

Lab File: BE092942.D

Acq: 5 May 2017 22:54

Instrument :

BNA_E

ClientSampleId :

3064-PP4

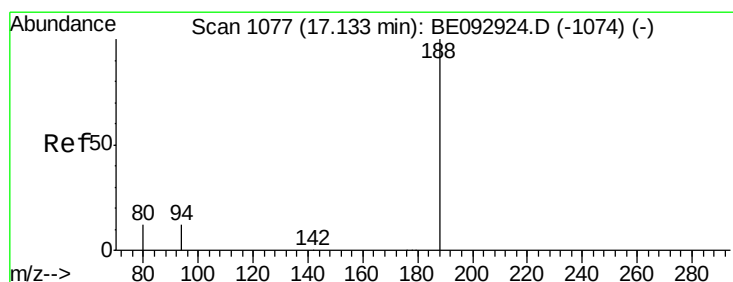
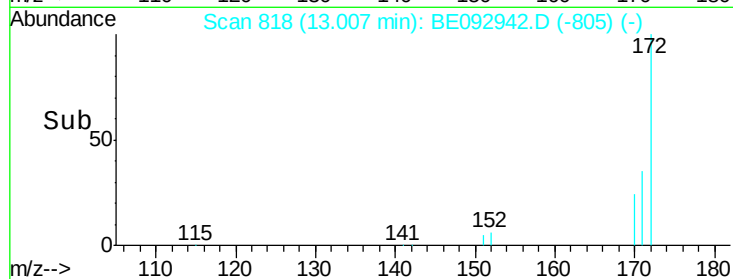
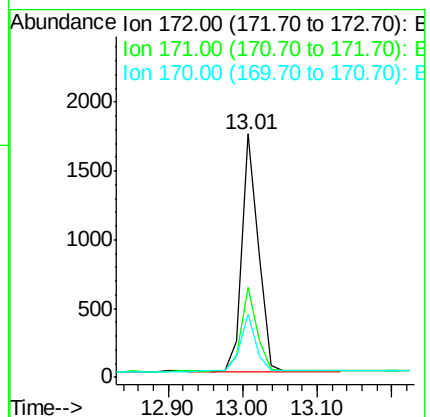
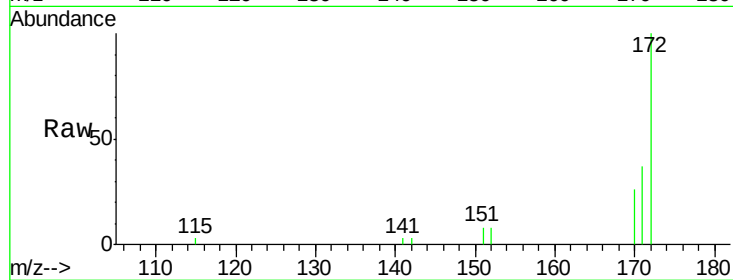
Tgt Ion:172 Resp: 2616

Ion Ratio Lower Upper

172 100

171 37.0 35.8 53.6

170 25.9 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: BE092942.D

Acq: 5 May 2017 22:54

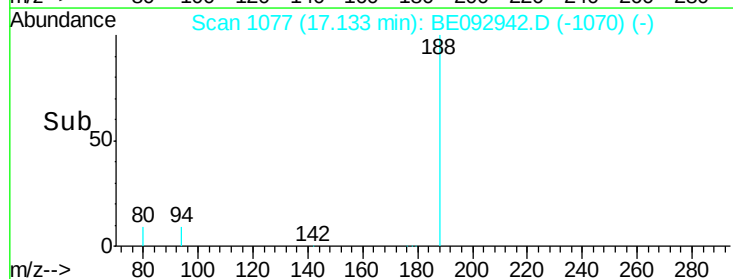
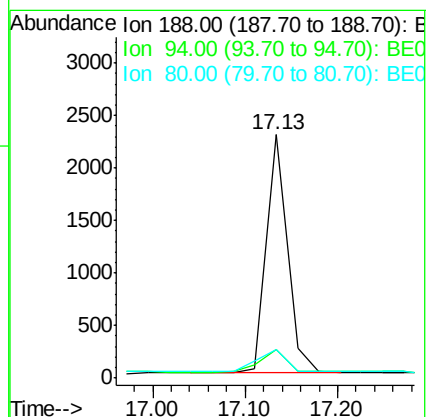
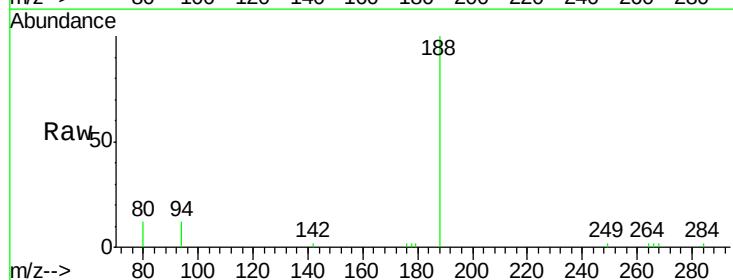
Tgt Ion:188 Resp: 3581

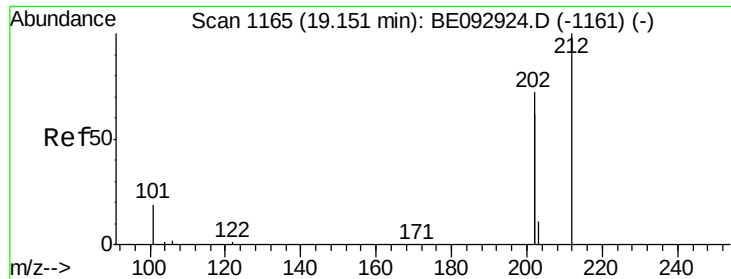
Ion Ratio Lower Upper

188 100

94 11.7 10.2 15.4

80 11.6 10.6 15.8





#24

Fluoranthene-d10

Concen: 0.41 ng

RT: 19.15 min Scan# 1164

Delta R.T. -0.00 min

Lab File: BE092942.D

Acq: 5 May 2017 22:54

Instrument :

BNA_E

ClientSampleId :

3064-PP4

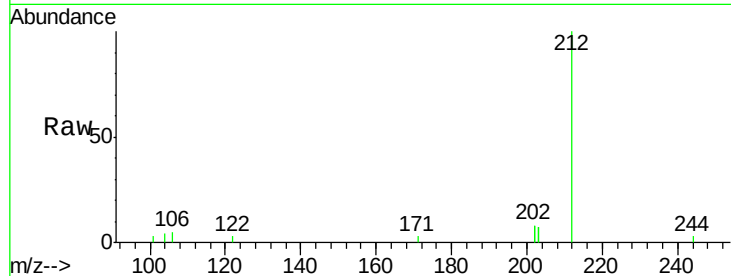
Tgt Ion:212 Resp: 3436

Ion Ratio Lower Upper

212 100

106 0.0 0.0 0.0

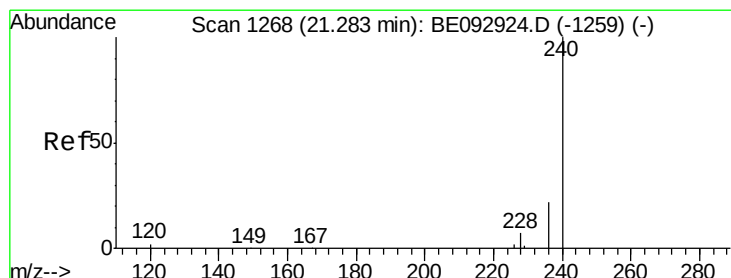
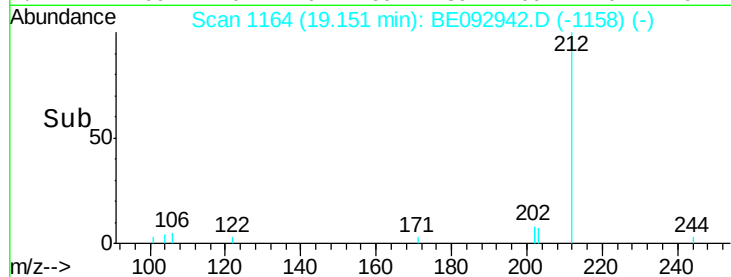
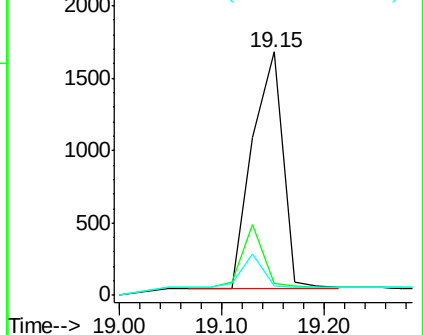
104 0.0 0.0 0.0



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: BE092942.D

Acq: 5 May 2017 22:54

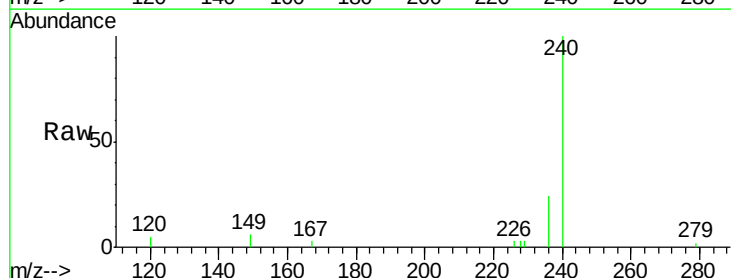
Tgt Ion:240 Resp: 3499

Ion Ratio Lower Upper

240 100

120 4.5 4.6 6.8#

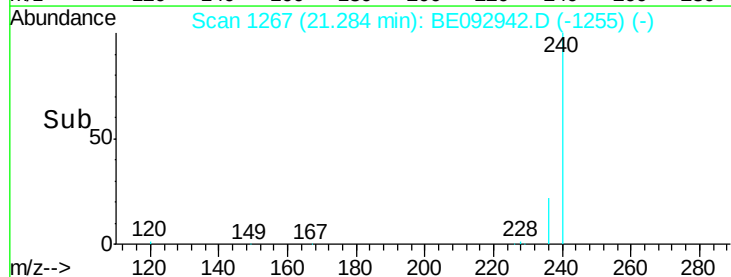
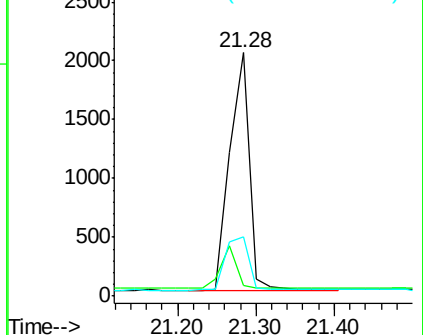
236 24.4 19.8 29.8

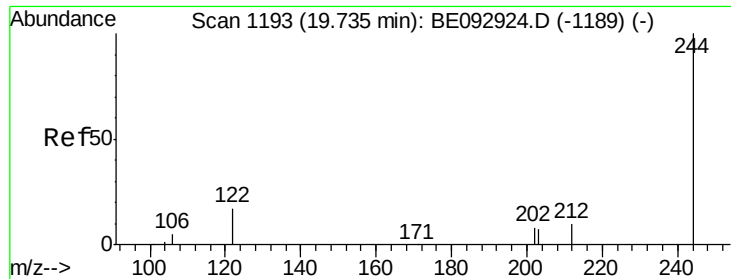


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#28

Terphenyl-d14

Concen: 0.46 ng

RT: 19.73 min Scan# 1192

Delta R.T. -0.00 min

Lab File: BE092942.D

Acq: 5 May 2017 22:54

Instrument :

BNA_E

ClientSampleId :

3064-PP4

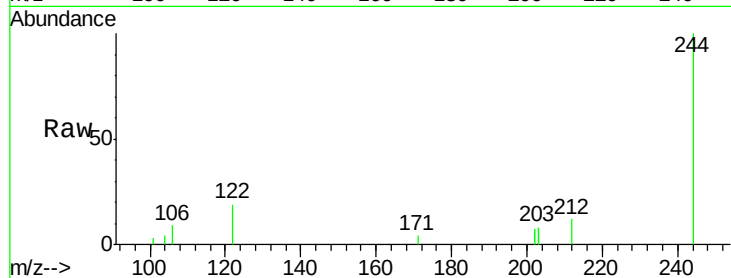
Tgt Ion:244 Resp: 2794

Ion Ratio Lower Upper

244 100

212 12.4 18.4 27.6#

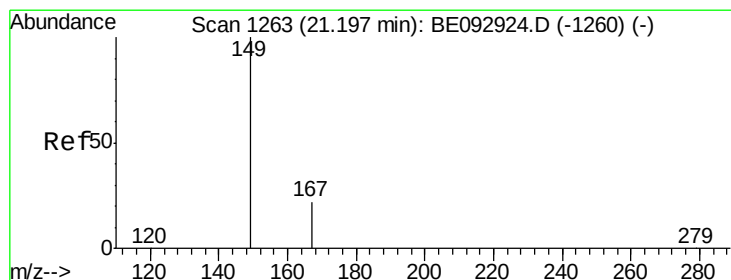
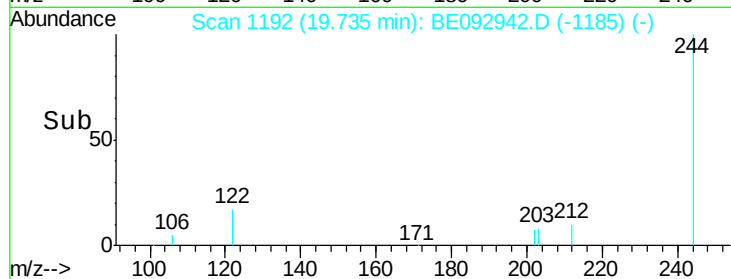
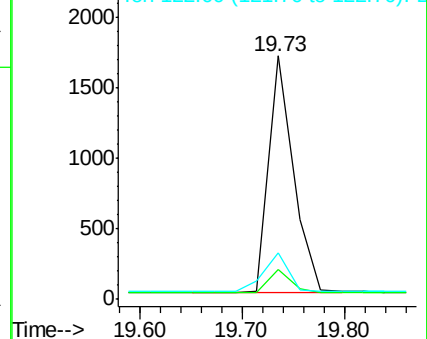
122 19.3 23.3 34.9#



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: 0.65 ng

RT: 21.20 min Scan# 1262

Delta R.T. 0.00 min

Lab File: BE092942.D

Acq: 5 May 2017 22:54

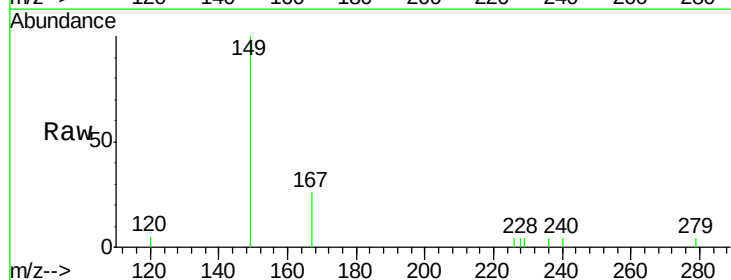
Tgt Ion:149 Resp: 1462

Ion Ratio Lower Upper

149 100

167 24.2 20.9 31.3

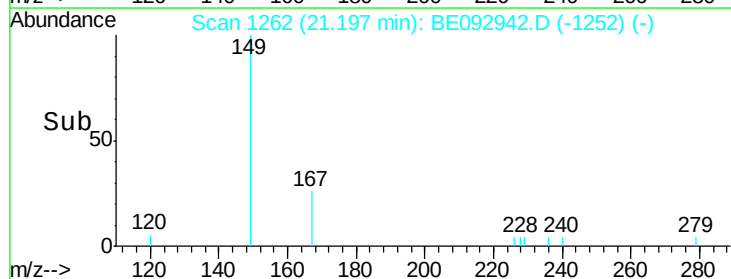
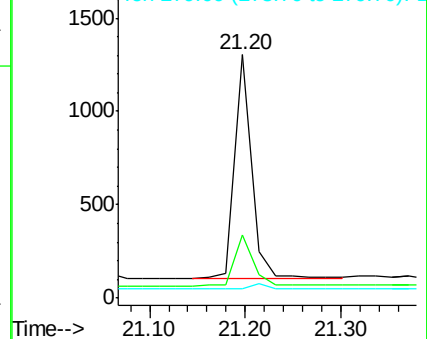
279 3.2 0.0 0.0#

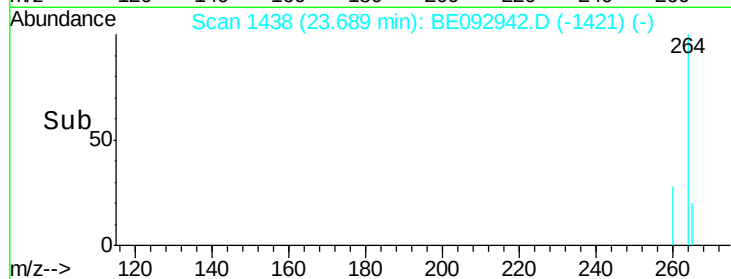
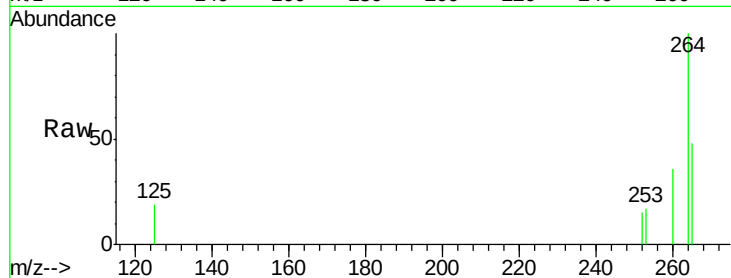
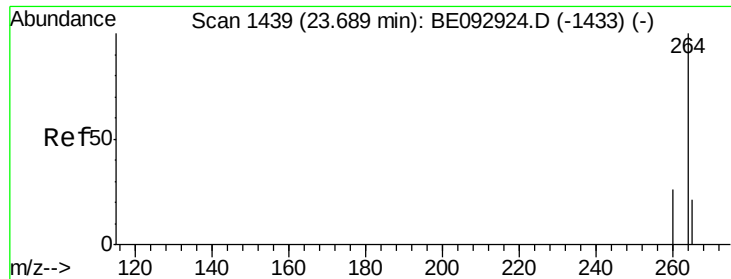


Abundance Ion 149.00 (148.70 to 149.70): E

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: BE092942.D

Acq: 5 May 2017 22:54

Instrument :

BNA_E

ClientSampleId :

3064-PP4

Tgt Ion:264 Resp: 774

Ion Ratio Lower Upper

264 100

260 36.0 23.5 35.3#

265 47.5 27.2 40.8#

