

Data Path : S:\HPCHEM1\BNA_E\DATA\BE050517\
 Data File : BE092940.D
 Acq On : 5 May 2017 21:40
 Operator : SJ/MA
 Sample : I2893-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 3062-PP2

Quant Time: May 06 02:35:28 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

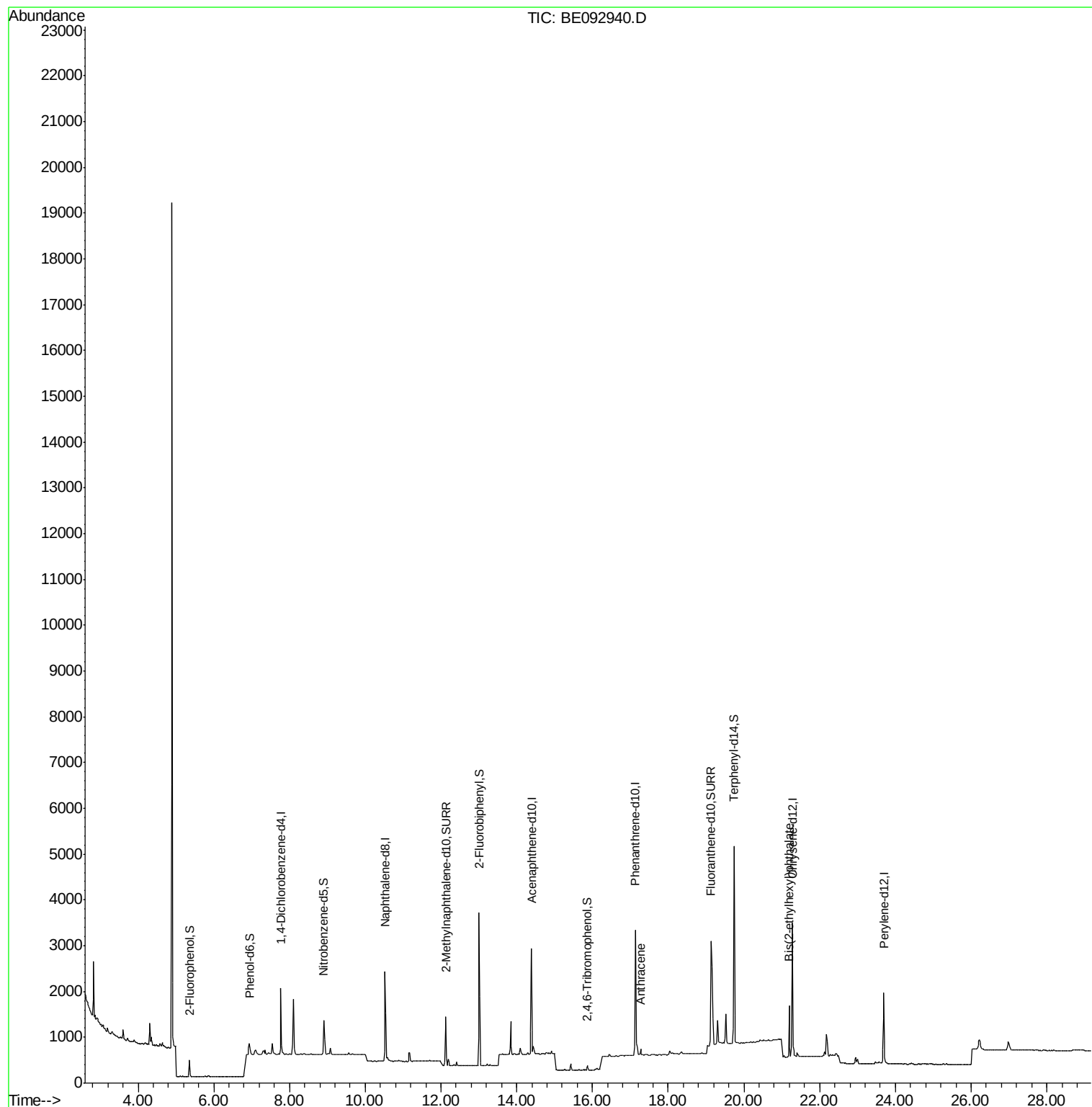
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	714	0.40	ng	0.00
7) Naphthalene-d8	10.52	136	2895	0.40	ng	0.00
13) Acenaphthene-d10	14.39	164	1346	0.40	ng	0.00
19) Phenanthrene-d10	17.13	188	3530	0.40	ng	0.00
26) Chrysene-d12	21.28	240	4025	0.40	ng	0.00
33) Perylene-d12	23.69	264	2331	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.35	112	253	0.16	ng	0.00
5) Phenol-d6	6.94	99	220	0.10	ng	0.00
8) Nitrobenzene-d5	8.90	82	781	0.40	ng	0.00
11) 2-Methylnaphthalene-d10	12.13	152	1636	0.38	ng	0.00
14) 2,4,6-Tribromophenol	15.87	330	51	0.24	ng	0.00
15) 2-Fluorobiphenyl	13.01	172	3040	0.49	ng	0.00
24) Fluoranthene-d10	19.13	212	3849	0.47	ng	-0.02
28) Terphenyl-d14	19.74	244	5030	0.71	ng	0.00
Target Compounds						Qvalue
23) Anthracene	17.27	178	198	0.03	ng	99
31) Bis(2-ethylhexyl)phthalate	21.20	149	1115	0.43	ng	# 96

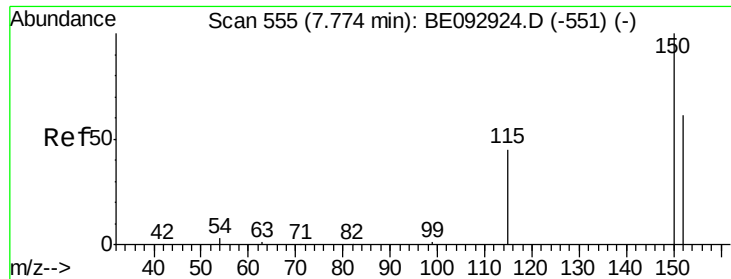
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE092940.D

Acq: 5 May 2017 21:40

Instrument :

BNA_E

ClientSampleId :

3062-PP2

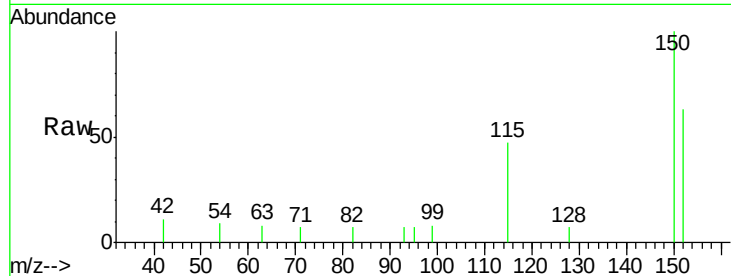
Tgt Ion:152 Resp: 714

Ion Ratio Lower Upper

152 100

150 159.6 129.9 194.9

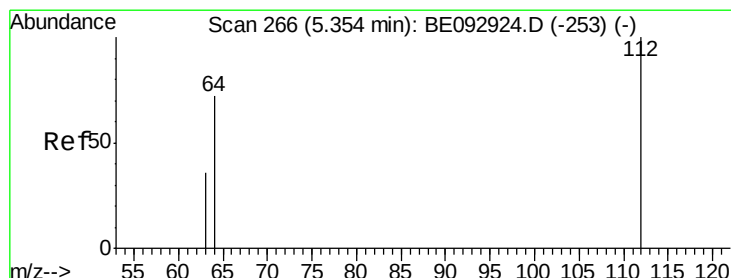
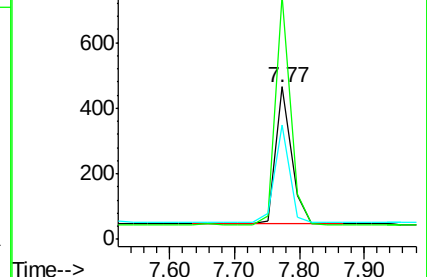
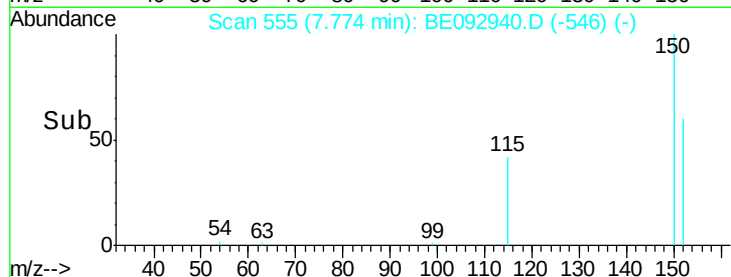
115 75.1 62.6 93.8



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: 0.16 ng

RT: 5.35 min Scan# 266

Delta R.T. -0.00 min

Lab File: BE092940.D

Acq: 5 May 2017 21:40

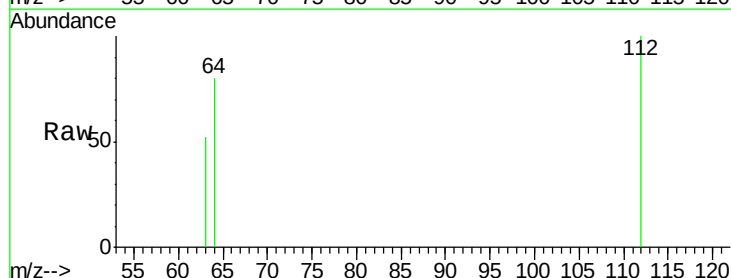
Tgt Ion:112 Resp: 253

Ion Ratio Lower Upper

112 100

64 70.4 52.6 79.0

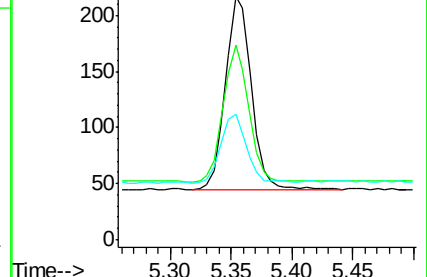
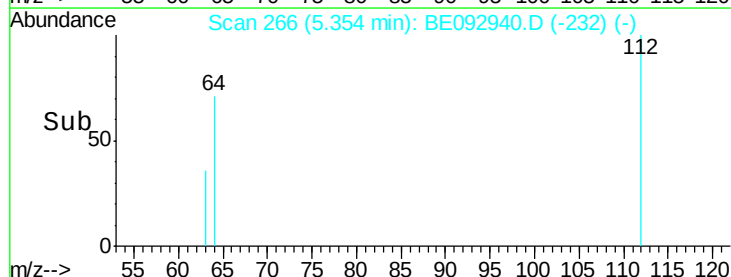
63 36.4 29.0 43.4

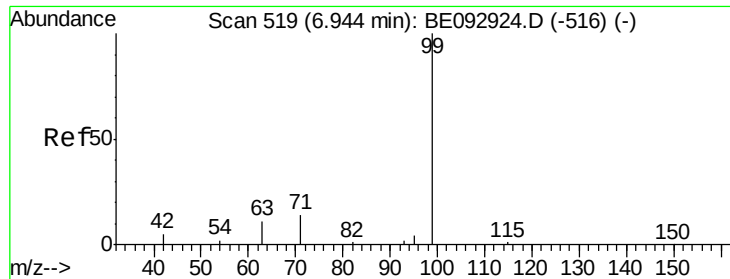


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.10 ng

RT: 6.94 min Scan# 519

Delta R.T. -0.00 min

Lab File: BE092940.D

Acq: 5 May 2017 21:40

Instrument :

BNA_E

ClientSampleId :

3062-PP2

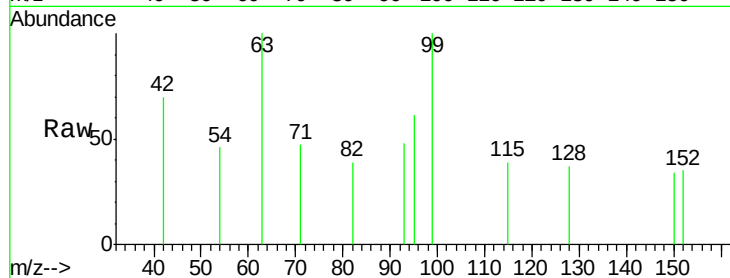
Tgt Ion: 99 Resp: 220

Ion Ratio Lower Upper

99 100

42 0.0 0.0 0.0

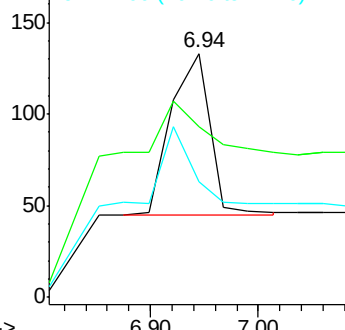
71 0.0 0.0 0.0



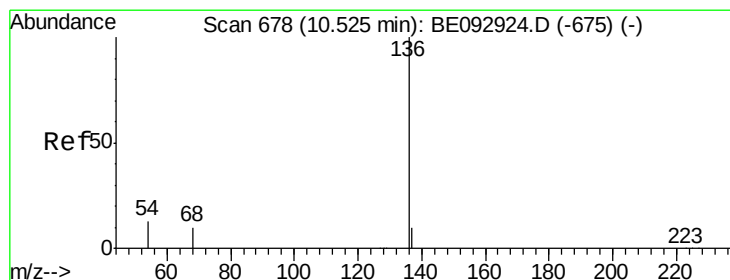
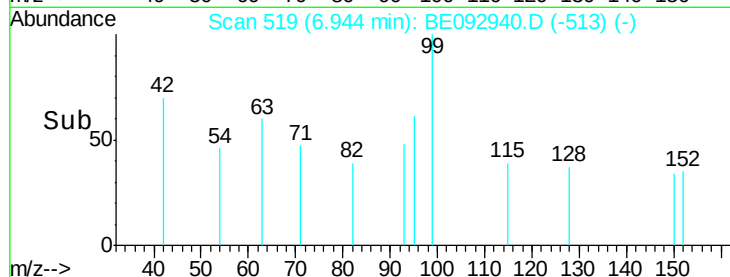
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



Time-->



#7

Naphthalene-d8

Concen: 0.40 ng

RT: 10.52 min Scan# 678

Delta R.T. -0.00 min

Lab File: BE092940.D

Acq: 5 May 2017 21:40

Tgt Ion: 136 Resp: 2895

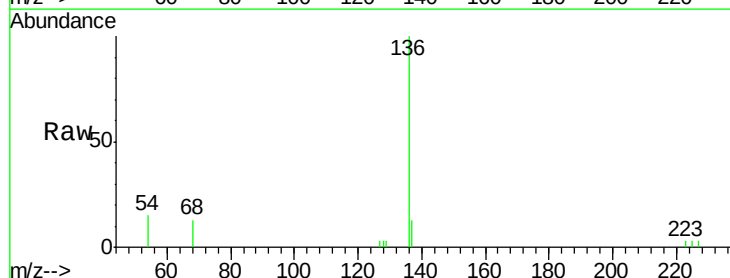
Ion Ratio Lower Upper

136 100

137 12.5 10.4 15.6

54 14.9 12.6 18.8

68 12.9 10.7 16.1

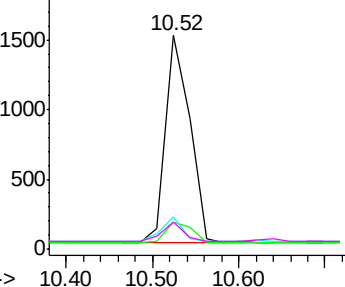


Abundance Ion 136.00 (135.70 to 136.70): E

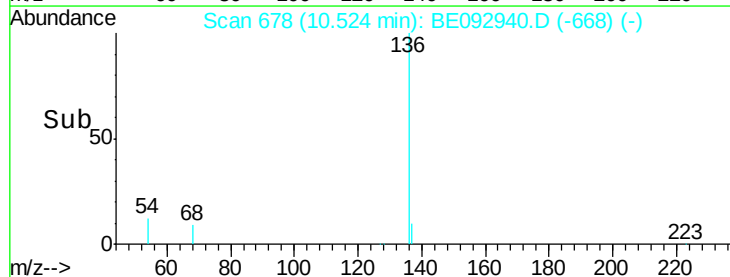
Ion 137.00 (136.70 to 137.70): E

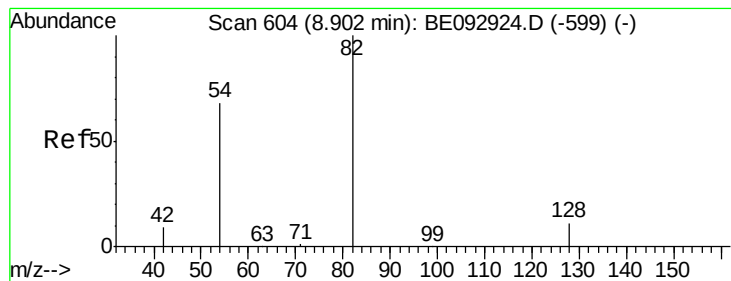
Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



Time-->





#8

Nitrobenzene-d5

Concen: 0.40 ng

RT: 8.90 min Scan# 604

Delta R.T. -0.00 min

Lab File: BE092940.D

Acq: 5 May 2017 21:40

Instrument :

BNA_E

ClientSampleId :

3062-PP2

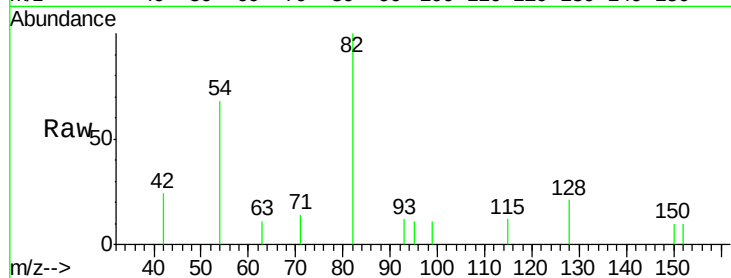
Tgt Ion: 82 Resp: 781

Ion Ratio Lower Upper

82 100

128 21.2 35.3 52.9#

54 68.1 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

8.90

400

300

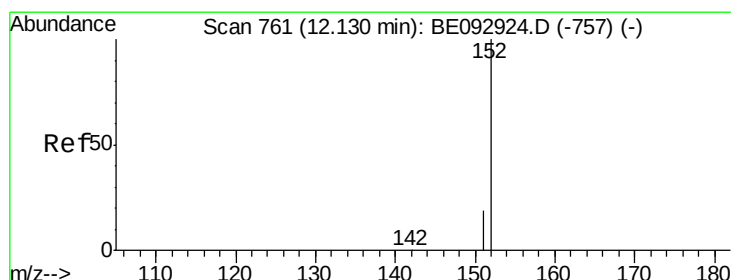
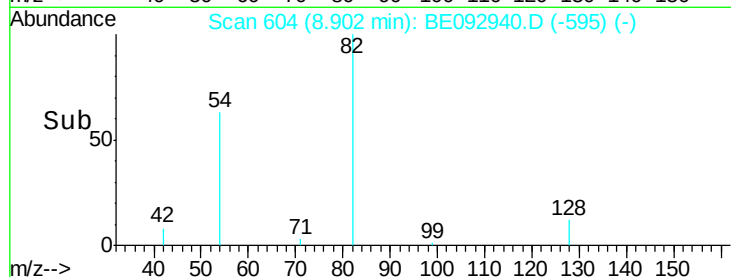
200

100

0

Time-->

8.70 8.80 8.90 9.00 9.10



#11

2-Methylnaphthalene-d10

Concen: 0.38 ng

RT: 12.13 min Scan# 761

Delta R.T. -0.00 min

Lab File: BE092940.D

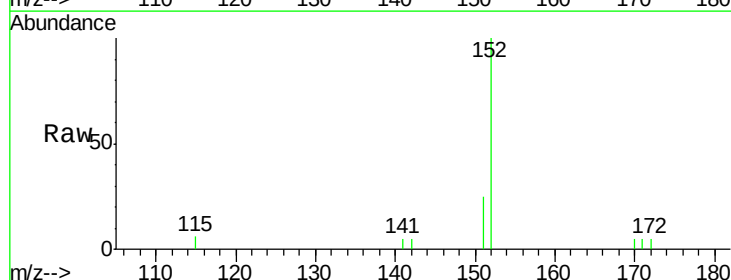
Acq: 5 May 2017 21:40

Tgt Ion: 152 Resp: 1636

Ion Ratio Lower Upper

152 100

151 20.9 15.7 23.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.13

1000

800

600

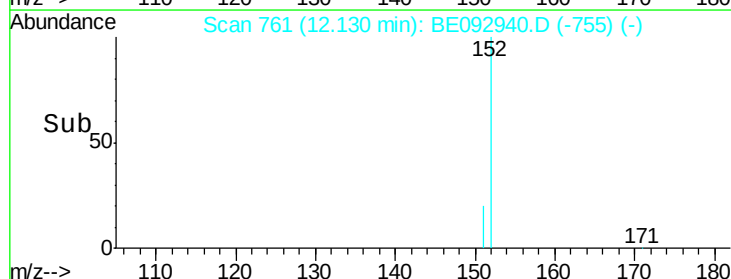
400

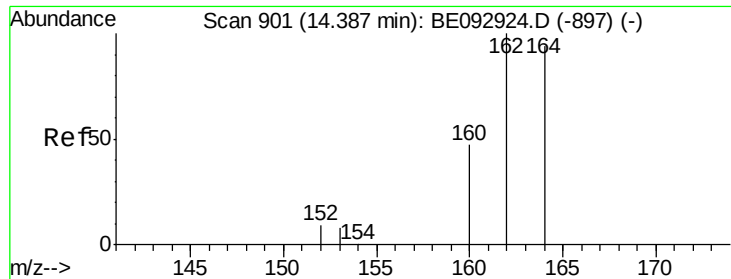
200

0

Time-->

12.05 12.10 12.15





#13

Acenaphthene-d10

Concen: 0.40 ng

RT: 14.39 min Scan# 901

Delta R.T. -0.00 min

Lab File: BE092940.D

Acq: 5 May 2017 21:40

Instrument :

BNA_E

ClientSampleId :

3062-PP2

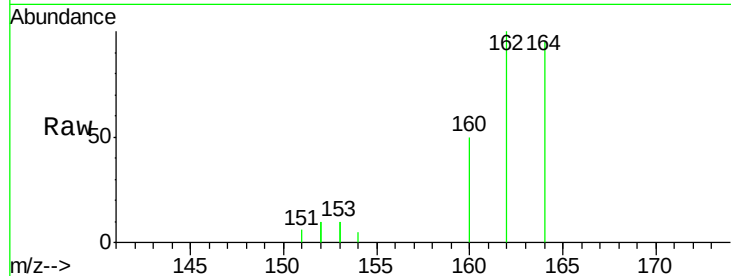
Tgt Ion:164 Resp: 1346

Ion Ratio Lower Upper

164 100

162 105.0 86.6 130.0

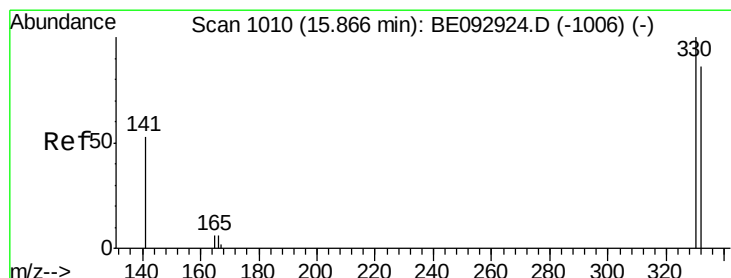
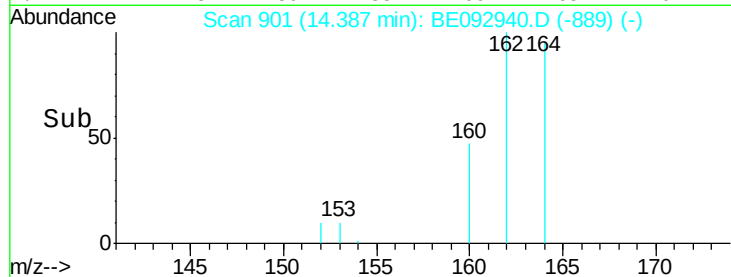
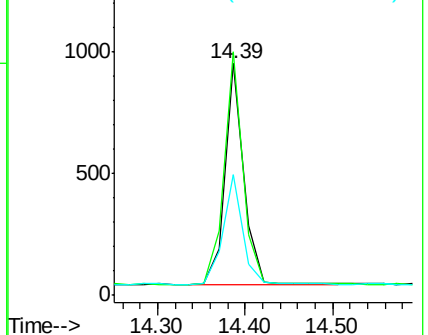
160 52.3 44.5 66.7



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: 0.24 ng

RT: 15.87 min Scan# 1010

Delta R.T. -0.00 min

Lab File: BE092940.D

Acq: 5 May 2017 21:40

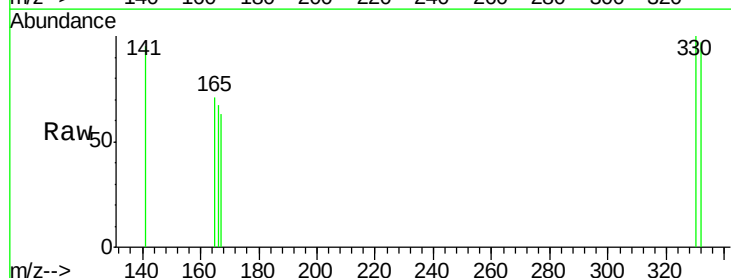
Tgt Ion:330 Resp: 51

Ion Ratio Lower Upper

330 100

332 100.0 69.1 103.7

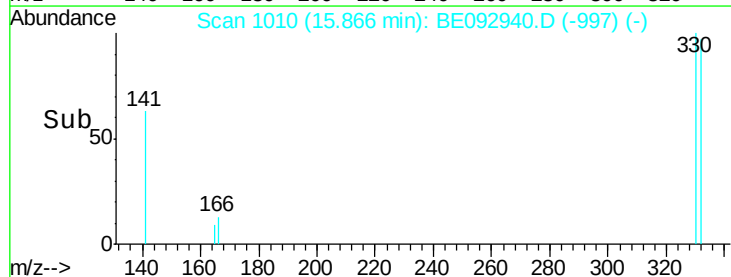
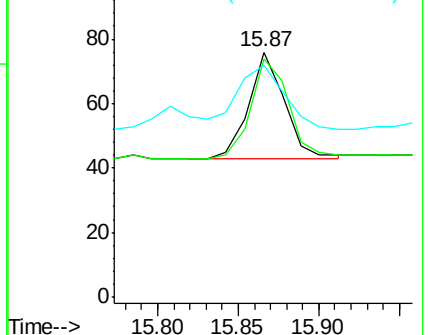
141 78.4 54.6 81.8

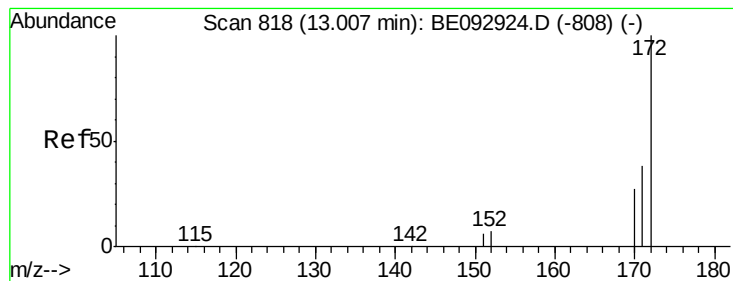


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.49 ng

RT: 13.01 min Scan# 818

Delta R.T. -0.00 min

Lab File: BE092940.D

Acq: 5 May 2017 21:40

Instrument :

BNA_E

ClientSampleId :

3062-PP2

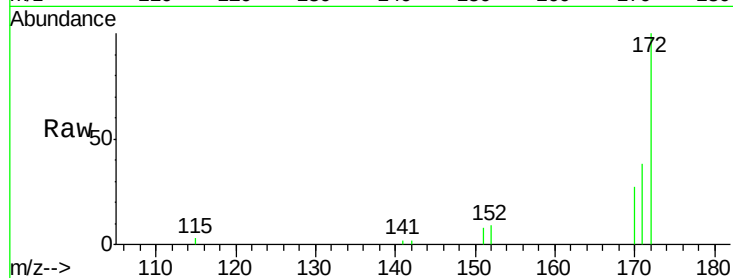
Tgt Ion:172 Resp: 3040

Ion Ratio Lower Upper

172 100

171 38.3 35.8 53.6

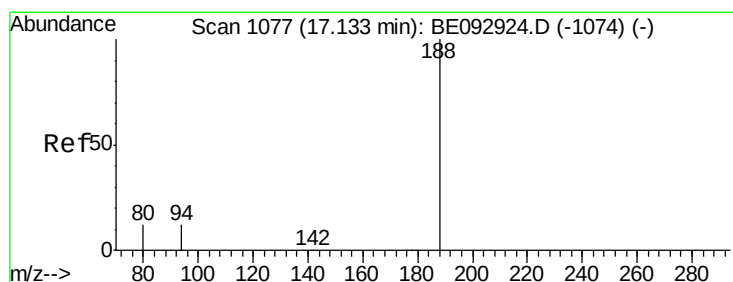
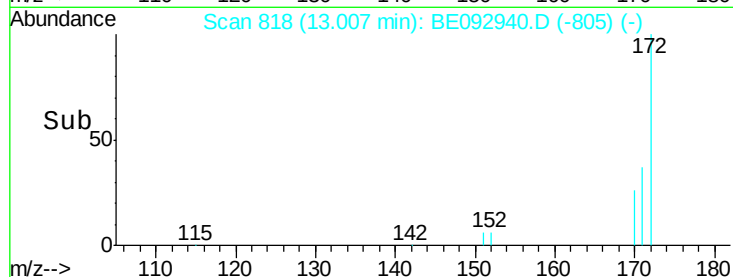
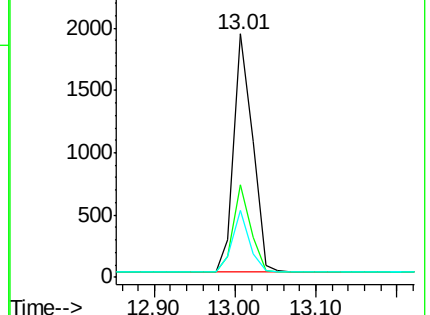
170 27.4 28.5 42.7#



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: BE092940.D

Acq: 5 May 2017 21:40

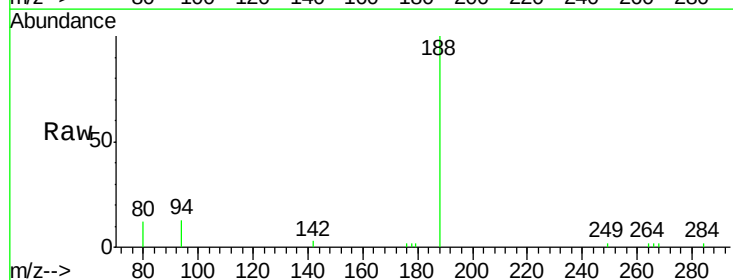
Tgt Ion:188 Resp: 3530

Ion Ratio Lower Upper

188 100

94 12.7 10.2 15.4

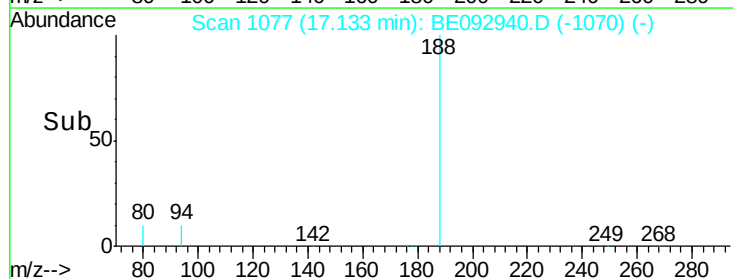
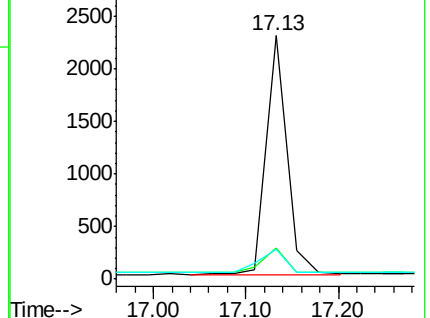
80 12.4 10.6 15.8

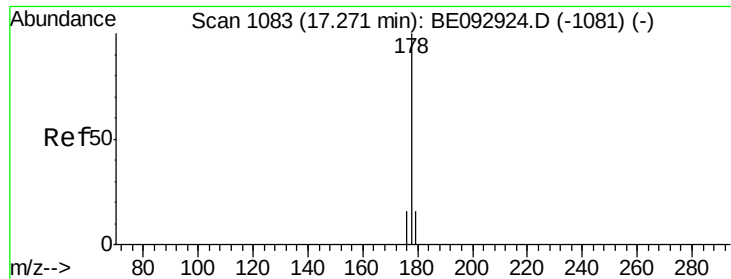


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0





#23

Anthracene

Concen: 0.03 ng

RT: 17.27 min Scan# 1083

Delta R.T. -0.00 min

Lab File: BE092940.D

Acq: 5 May 2017 21:40

Instrument :

BNA_E

ClientSampleId :

3062-PP2

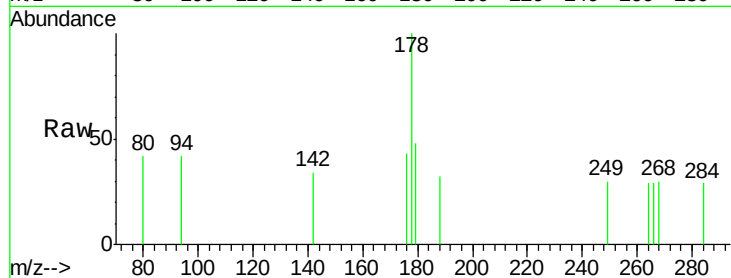
Tgt Ion:178 Resp: 198

Ion Ratio Lower Upper

178 100

176 18.7 14.7 22.1

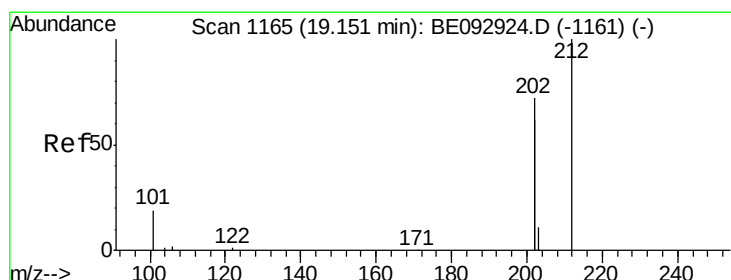
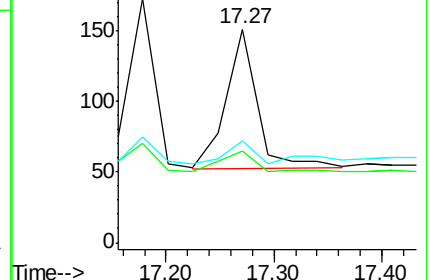
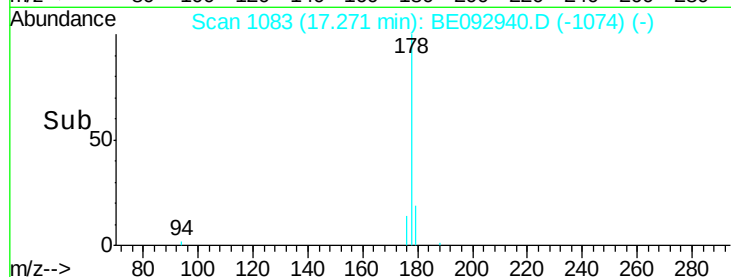
179 16.7 12.8 19.2



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: 0.47 ng

RT: 19.13 min Scan# 1164

Delta R.T. -0.02 min

Lab File: BE092940.D

Acq: 5 May 2017 21:40

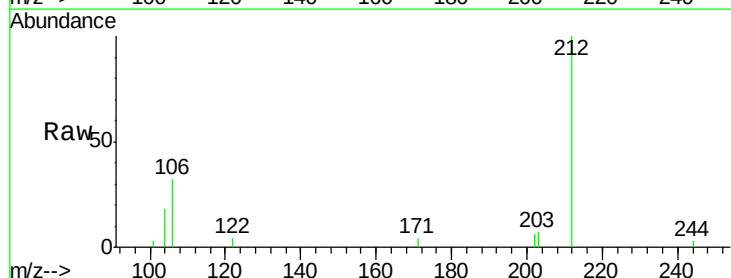
Tgt Ion:212 Resp: 3849

Ion Ratio Lower Upper

212 100

106 18.3 0.0 0.0#

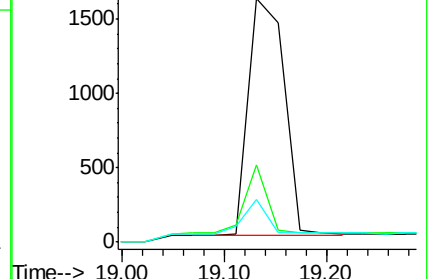
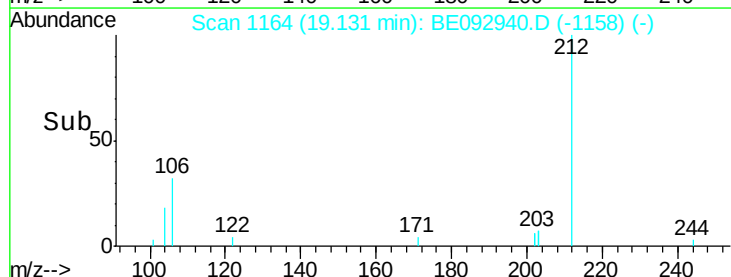
104 10.1 0.0 0.0#

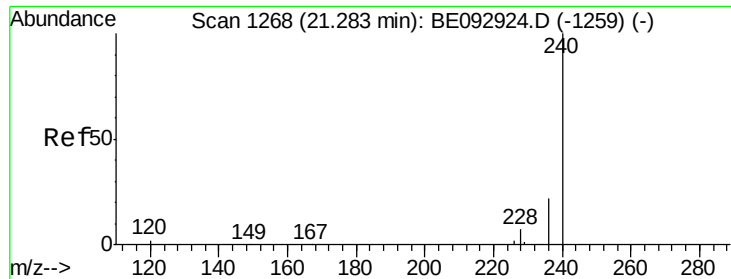


Abundance Ion 212.00 (211.70 to 212.70): E

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: BE092940.D

Acq: 5 May 2017 21:40

Instrument :

BNA_E

ClientSampleId :

3062-PP2

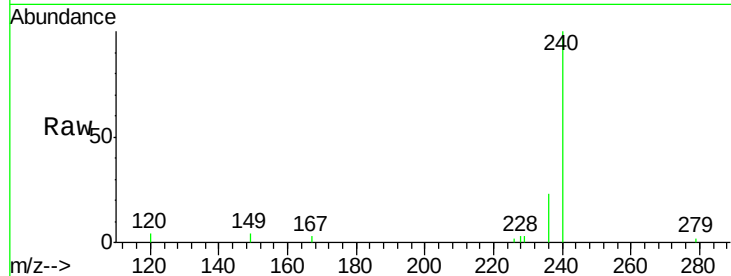
Tgt Ion:240 Resp: 4025

Ion Ratio Lower Upper

240 100

120 4.3 4.6 6.8#

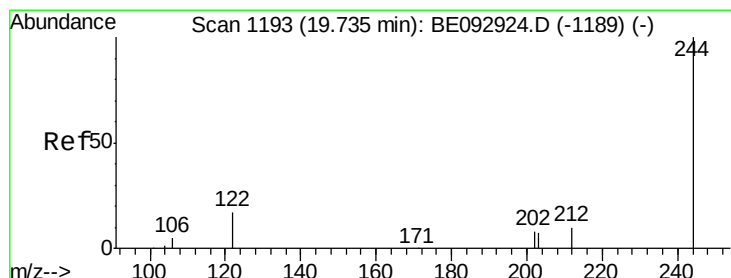
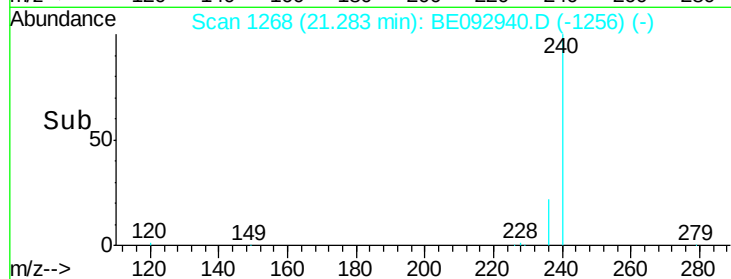
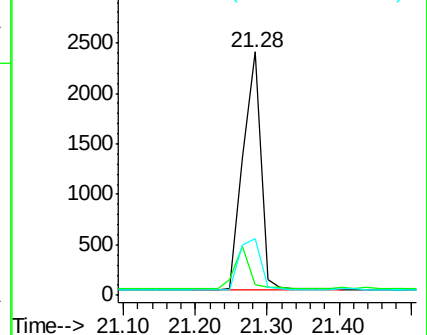
236 23.3 19.8 29.8



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: 0.71 ng

RT: 19.74 min Scan# 1193

Delta R.T. 0.00 min

Lab File: BE092940.D

Acq: 5 May 2017 21:40

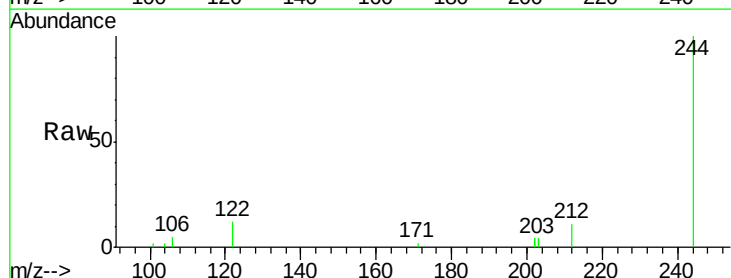
Tgt Ion:244 Resp: 5030

Ion Ratio Lower Upper

244 100

212 11.1 18.4 27.6#

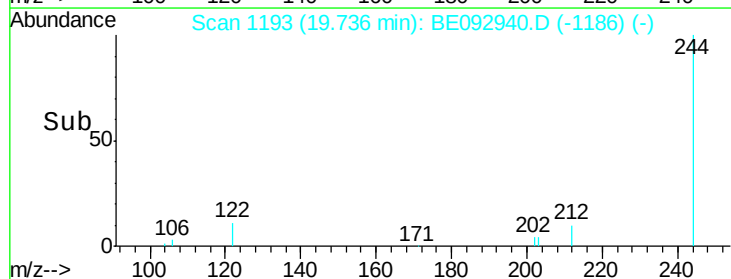
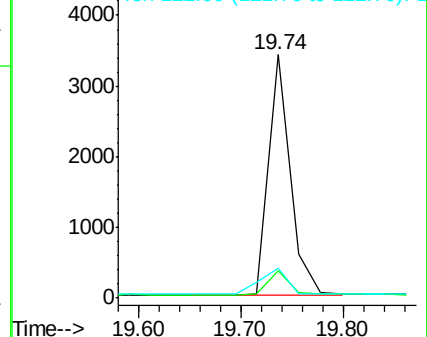
122 12.3 23.3 34.9#

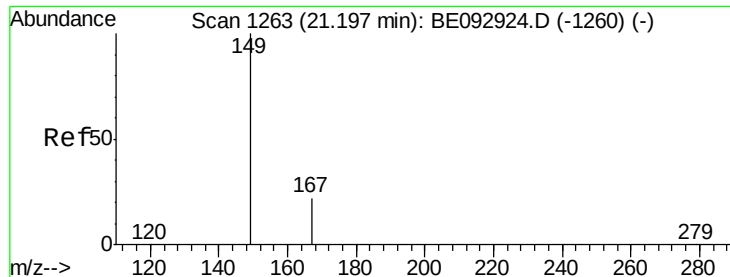


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

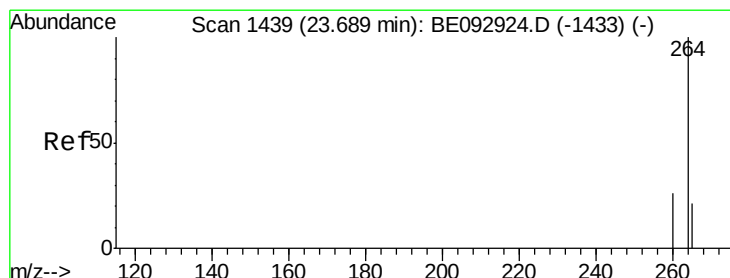
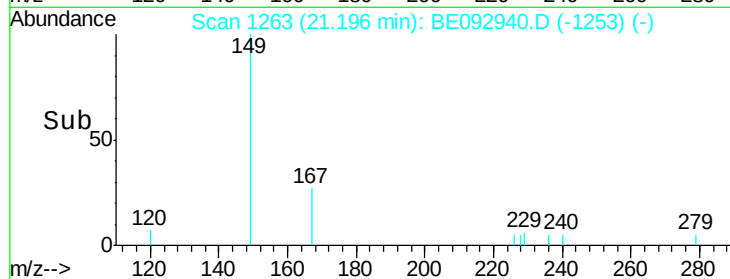
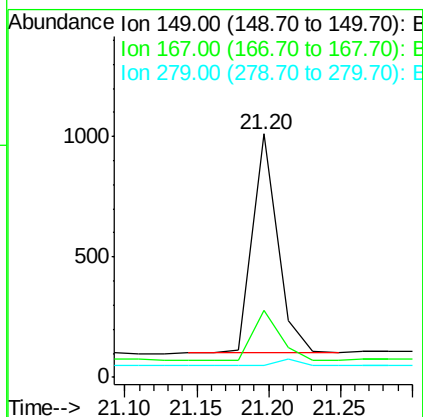
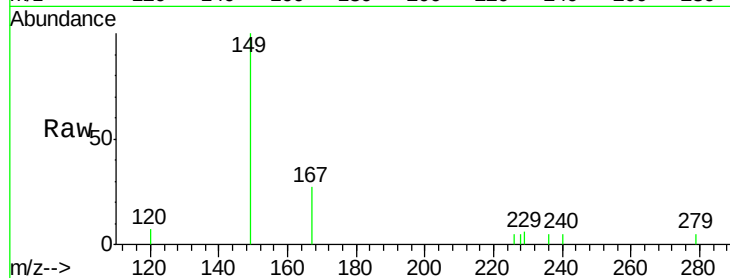




#31
 Bis(2-ethylhexyl)phthalate
 Concen: 0.43 ng
 RT: 21.20 min Scan# 1263
 Delta R.T. -0.00 min
 Lab File: BE092940.D
 Acq: 5 May 2017 21:40

Instrument :
 BNA_E
 ClientSampleId :
 3062-PP2

Tgt Ion:149 Resp: 1115
 Ion Ratio Lower Upper
 149 100
 167 23.9 20.9 31.3
 279 2.4 0.0 0.0#



#33
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.69 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: BE092940.D
 Acq: 5 May 2017 21:40

Tgt Ion:264 Resp: 2331
 Ion Ratio Lower Upper
 264 100
 260 28.8 23.5 35.3
 265 30.0 27.2 40.8

