

Data Path : S:\HPCHEM1\BNA_E\DATA\BE050517\
 Data File : BE092953.D
 Acq On : 6 May 2017 5:43
 Operator : SJ/MA
 Sample : I2893-11
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 3070-PA1

Quant Time: May 08 04:38:31 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

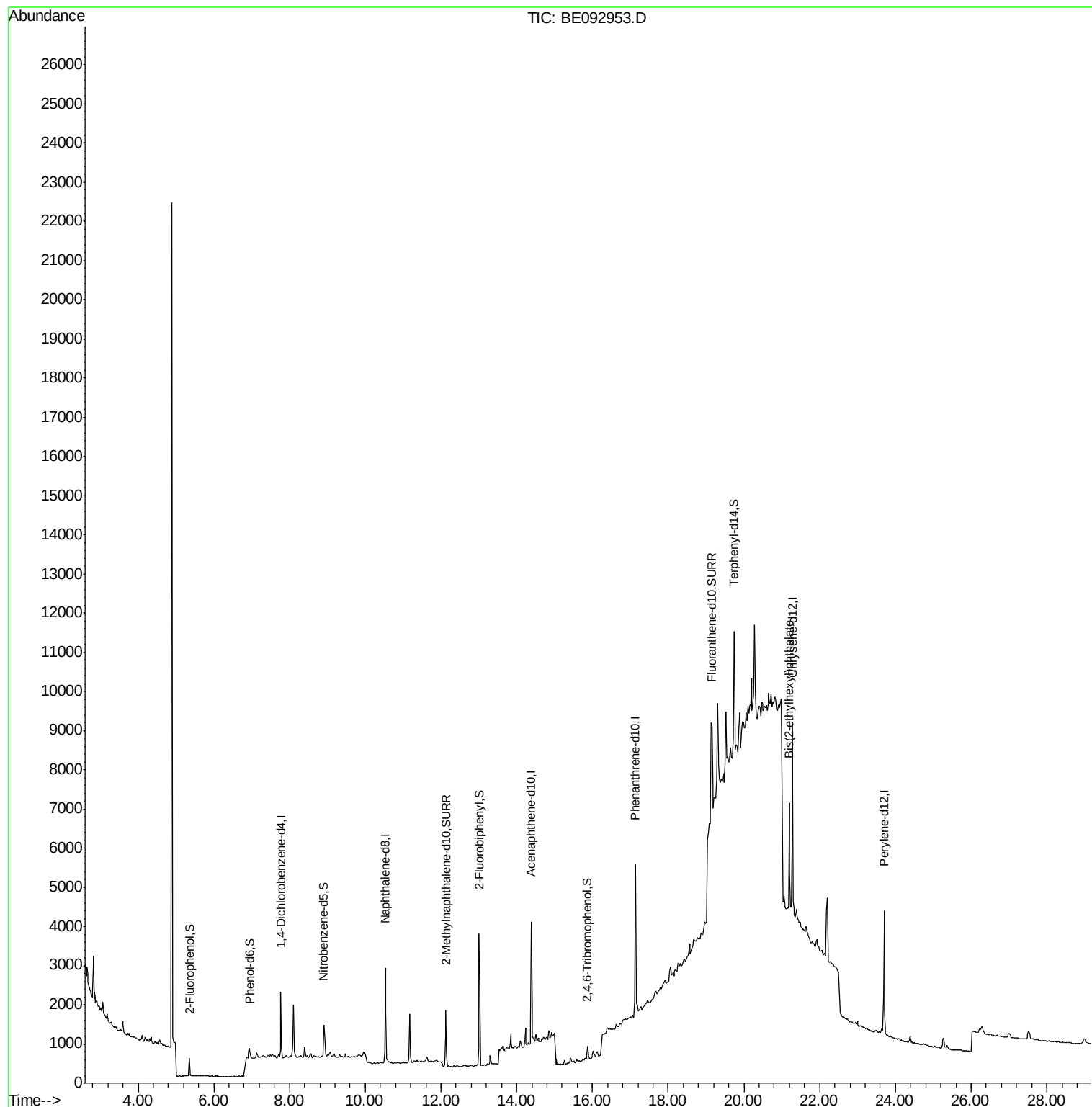
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	817	0.40	ng	0.00
7) Naphthalene-d8	10.53	136	3599	0.40	ng	0.00
13) Acenaphthene-d10	14.39	164	1902	0.40	ng	0.00
19) Phenanthrene-d10	17.13	188	5005	0.40	ng	0.00
26) Chrysene-d12	21.28	240	5484	0.40	ng	0.00
33) Perylene-d12	23.70	264	4518	0.40	ng	0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.35	112	342	0.19	ng	0.00
5) Phenol-d6	6.94	99	292	0.11	ng	0.00
8) Nitrobenzene-d5	8.90	82	929	0.38	ng	0.00
11) 2-Methylnaphthalene-d10	12.13	152	2019	0.38	ng	0.00
14) 2,4,6-Tribromophenol	15.87	330	238	0.80	ng	0.00
15) 2-Fluorobiphenyl	13.01	172	3264	0.37	ng	0.00
24) Fluoranthene-d10	19.15	212	5275	0.45	ng	0.00
28) Terphenyl-d14	19.74	244	3667	0.38	ng	0.00
Target Compounds						Qvalue
31) Bis(2-ethylhexyl)phthalate	21.20	149	3402	0.97	ng	# 89

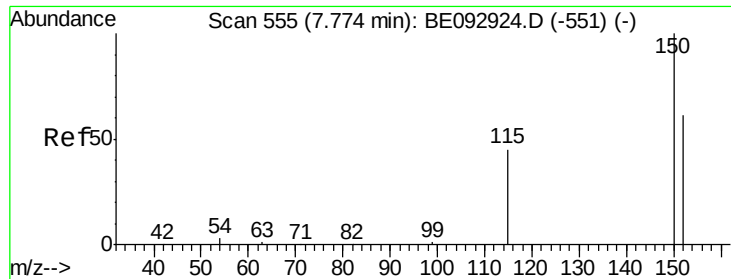
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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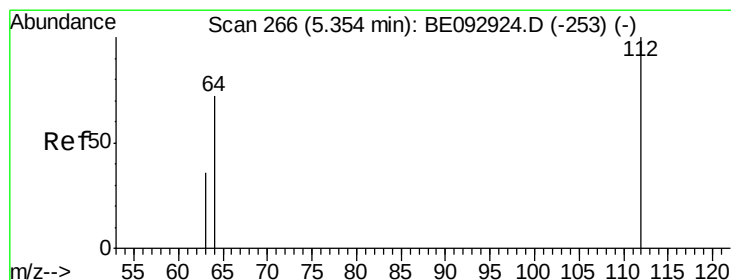
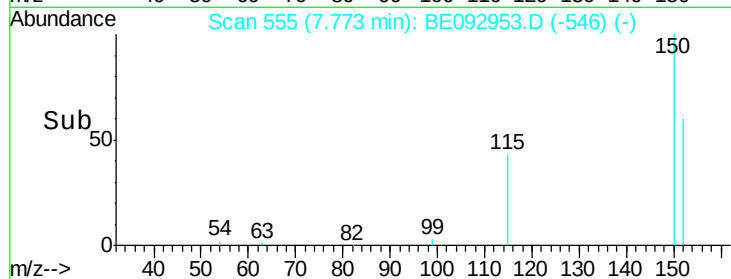
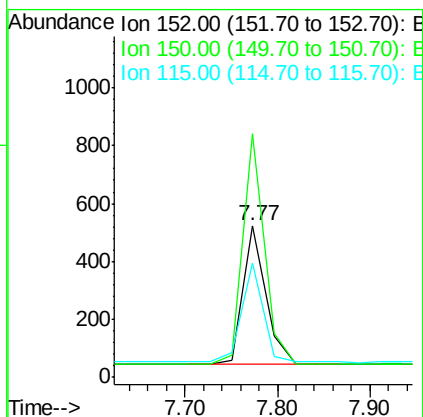
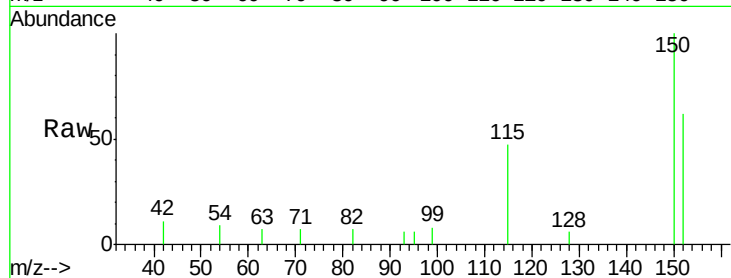




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.77 min Scan# 555
 Delta R.T. -0.00 min
 Lab File: BE092953.D
 Acq: 6 May 2017 5:43

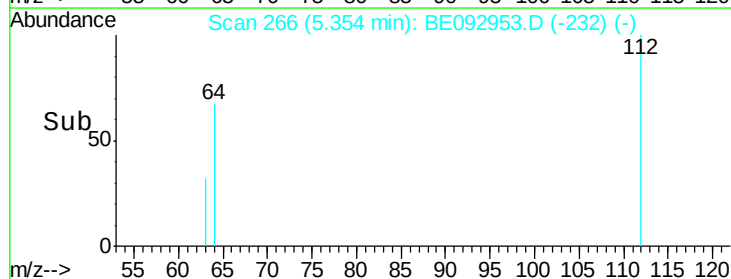
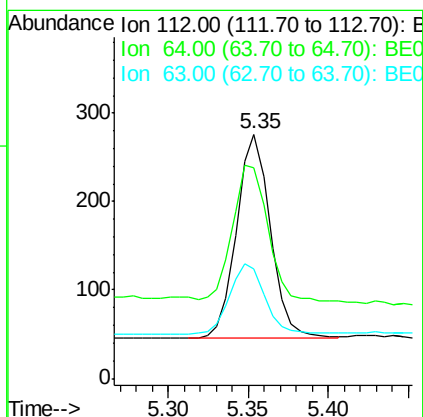
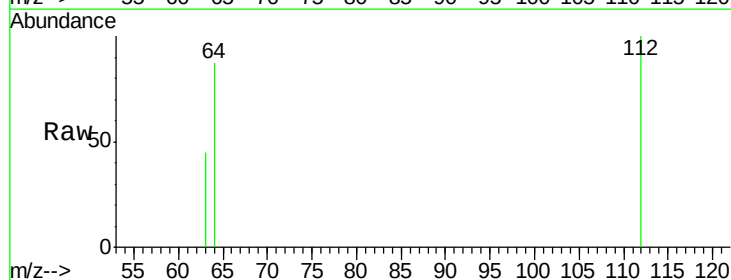
Instrument :
 BNA_E
 ClientSampleId :
 3070-PA1

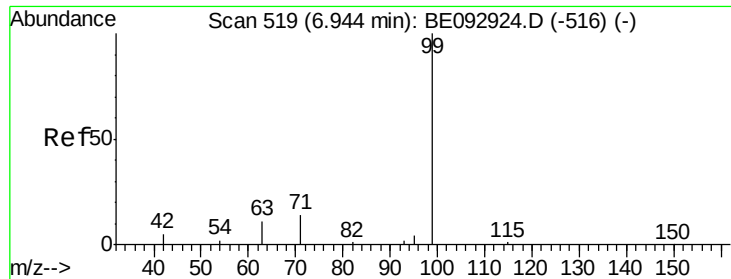
Tgt Ion:152 Resp: 817
 Ion Ratio Lower Upper
 152 100
 150 160.5 129.9 194.9
 115 75.8 62.6 93.8



#4
 2-Fluorophenol
 Concen: 0.19 ng
 RT: 5.35 min Scan# 266
 Delta R.T. -0.00 min
 Lab File: BE092953.D
 Acq: 6 May 2017 5:43

Tgt Ion:112 Resp: 342
 Ion Ratio Lower Upper
 112 100
 64 74.0 52.6 79.0
 63 35.7 29.0 43.4





#5

Phenol-d6

Concen: 0.11 ng

RT: 6.94 min Scan# 519

Delta R.T. -0.00 min

Lab File: BE092953.D

Acq: 6 May 2017 5:43

Instrument :

BNA_E

ClientSampled :

3070-PA1

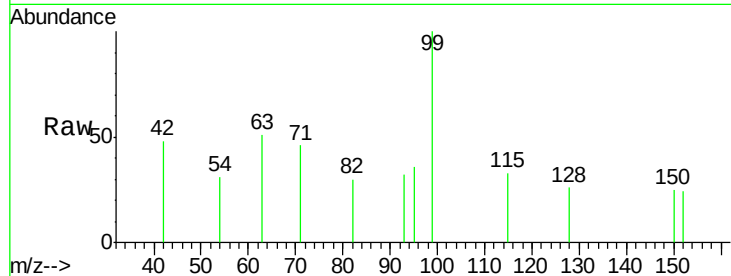
Tgt Ion: 99 Resp: 292

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

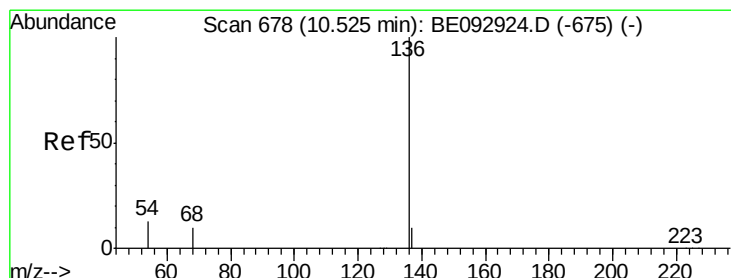
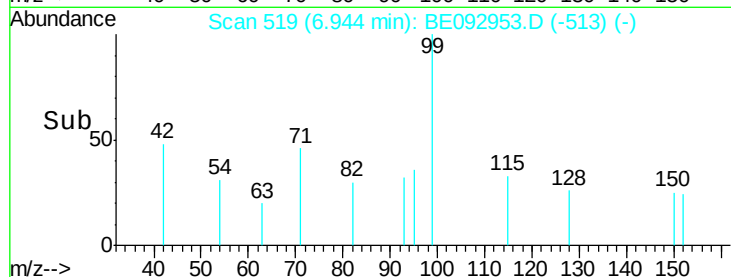
Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0

Time-->

6.94

6.90 7.00



#7

Naphthalene-d8

Concen: 0.40 ng

RT: 10.53 min Scan# 678

Delta R.T. 0.00 min

Lab File: BE092953.D

Acq: 6 May 2017 5:43

Tgt Ion: 136 Resp: 3599

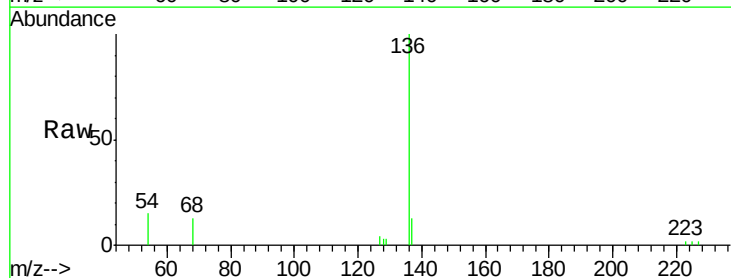
Ion Ratio Lower Upper

136 100

137 12.7 10.4 15.6

54 14.8 12.6 18.8

68 13.1 10.7 16.1



Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

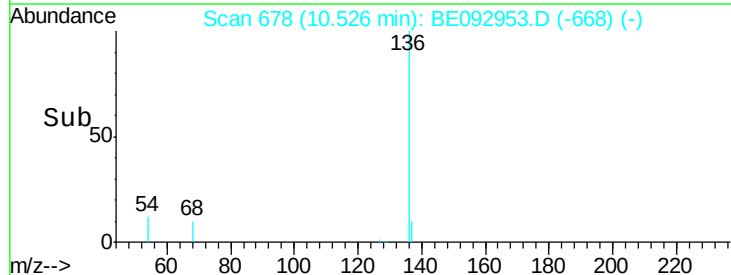
Ion 54.00 (53.70 to 54.70): BE0

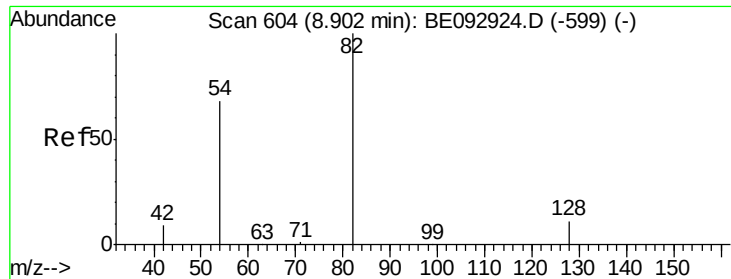
Ion 68.00 (67.70 to 68.70): BE0

Time-->

10.53

10.40 10.60





#8

Nitrobenzene-d5

Concen: 0.38 ng

RT: 8.90 min Scan# 604

Delta R.T. -0.00 min

Lab File: BE092953.D

Acq: 6 May 2017 5:43

Instrument :

BNA_E

ClientSampleId :

3070-PA1

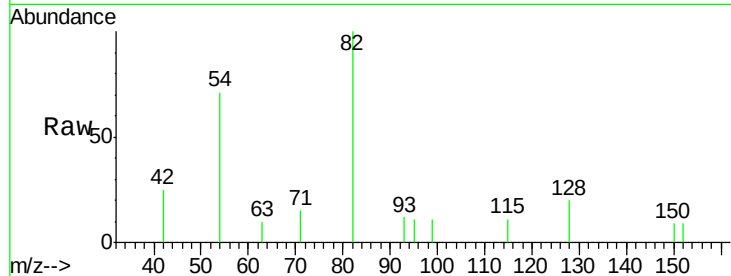
Tgt Ion: 82 Resp: 929

Ion Ratio Lower Upper

82 100

128 20.0 35.3 52.9#

54 71.0 65.1 97.7

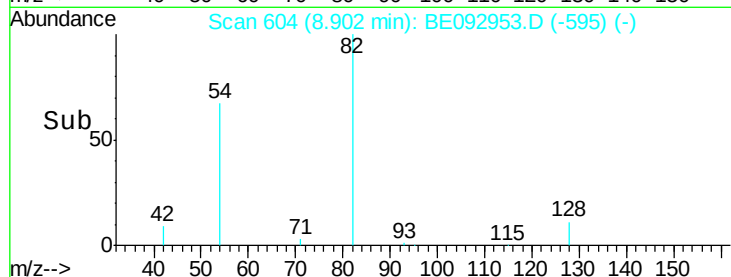


Abundance Ion 82.00 (81.70 to 82.70): BE0

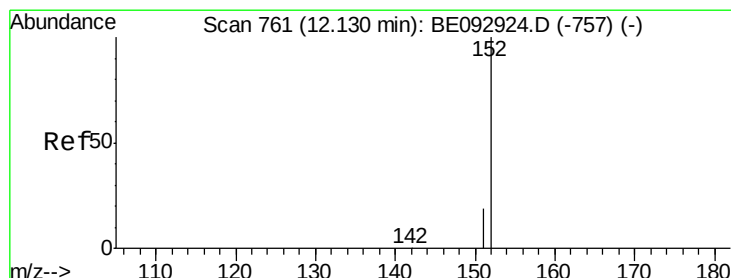
Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0

Time-->



Time-->



#11

2-Methylnaphthalene-d10

Concen: 0.38 ng

RT: 12.13 min Scan# 761

Delta R.T. -0.00 min

Lab File: BE092953.D

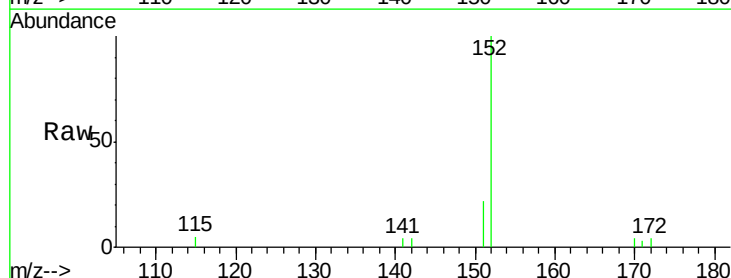
Acq: 6 May 2017 5:43

Tgt Ion: 152 Resp: 2019

Ion Ratio Lower Upper

152 100

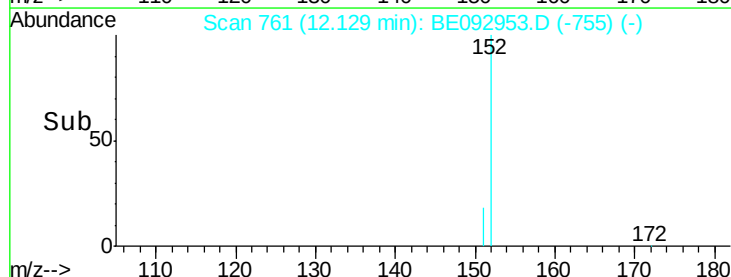
151 20.0 15.7 23.5



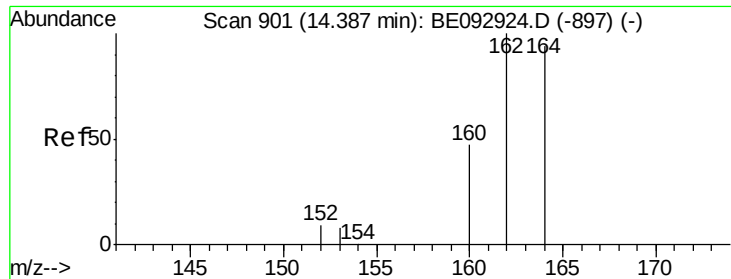
Abundance Ion 152.00 (151.70 to 152.70): BE0

Ion 151.00 (150.70 to 151.70): BE0

Time-->



Time-->



#13

Acenaphthene-d10

Concen: 0.40 ng

RT: 14.39 min Scan# 901

Delta R.T. -0.00 min

Lab File: BE092953.D

Acq: 6 May 2017 5:43

Instrument :

BNA_E

ClientSampleId :

3070-PA1

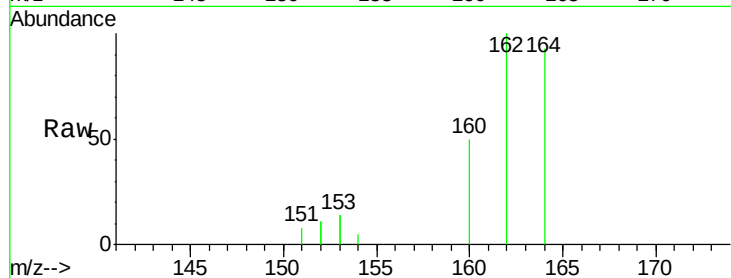
Tgt Ion:164 Resp: 1902

Ion Ratio Lower Upper

164 100

162 107.5 86.6 130.0

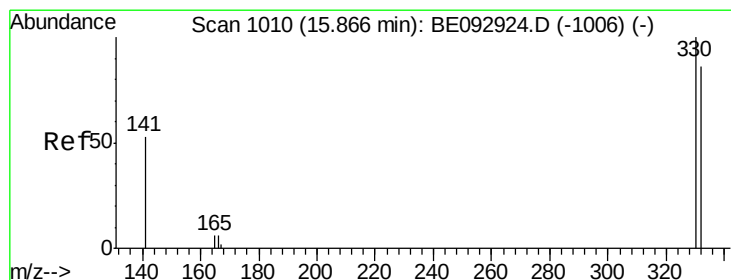
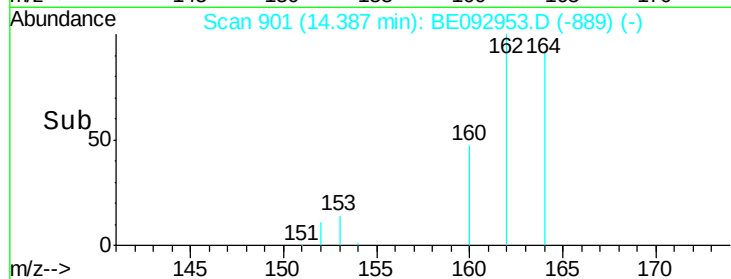
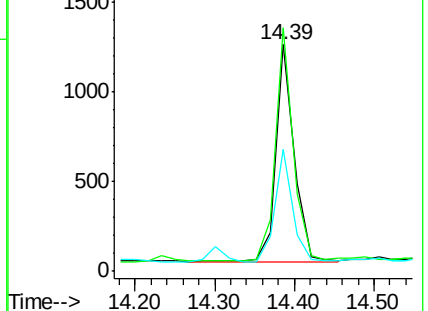
160 53.6 44.5 66.7



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: 0.80 ng

RT: 15.87 min Scan# 1010

Delta R.T. -0.00 min

Lab File: BE092953.D

Acq: 6 May 2017 5:43

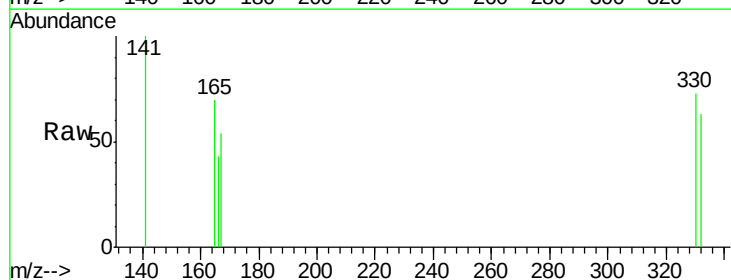
Tgt Ion:330 Resp: 238

Ion Ratio Lower Upper

330 100

332 96.2 69.1 103.7

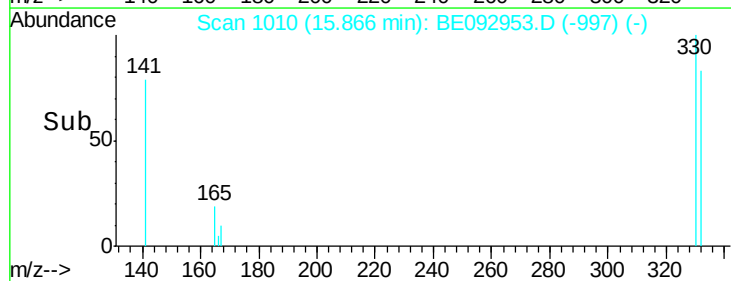
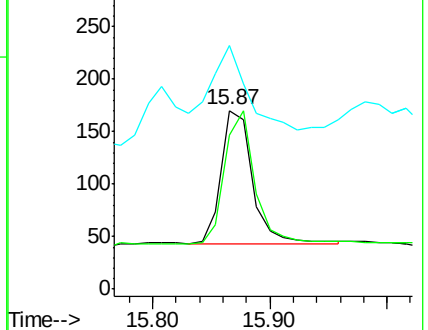
141 78.6 54.6 81.8

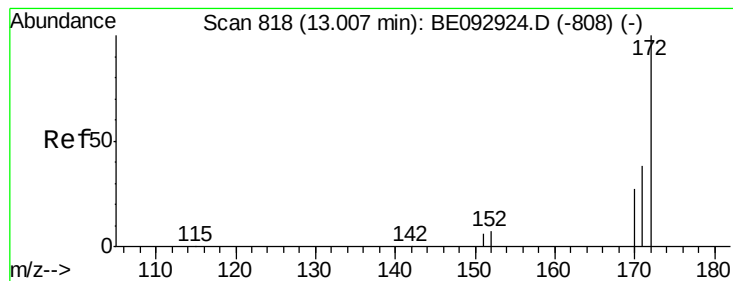


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.37 ng

RT: 13.01 min Scan# 818

Delta R.T. -0.00 min

Lab File: BE092953.D

Acq: 6 May 2017 5:43

Instrument :

BNA_E

ClientSampleId :

3070-PA1

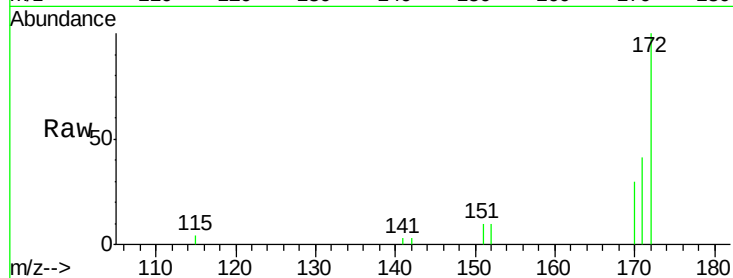
Tgt Ion:172 Resp: 3264

Ion Ratio Lower Upper

172 100

171 40.6 35.8 53.6

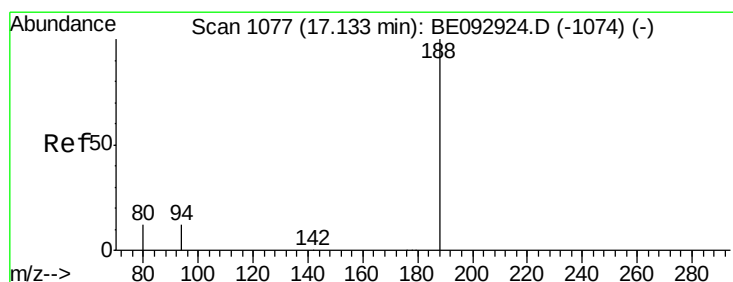
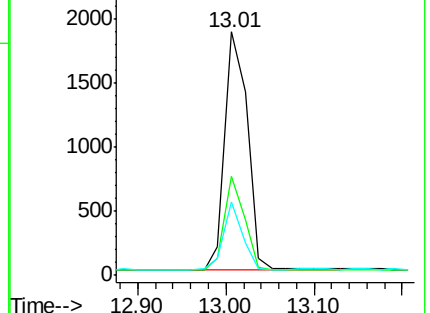
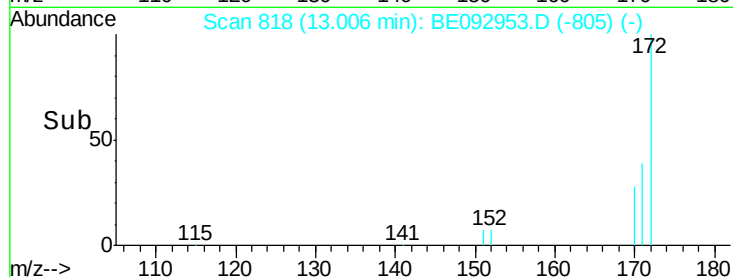
170 30.2 28.5 42.7



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# 1078

Delta R.T. 0.00 min

Lab File: BE092953.D

Acq: 6 May 2017 5:43

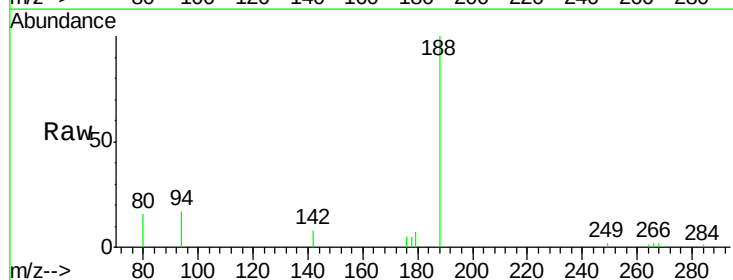
Tgt Ion:188 Resp: 5005

Ion Ratio Lower Upper

188 100

94 17.3 10.2 15.4#

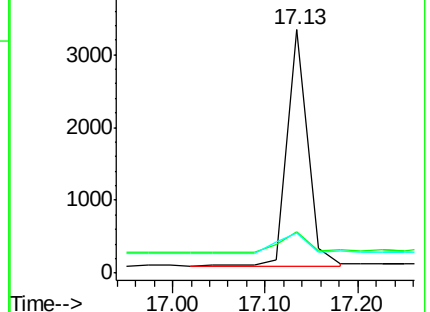
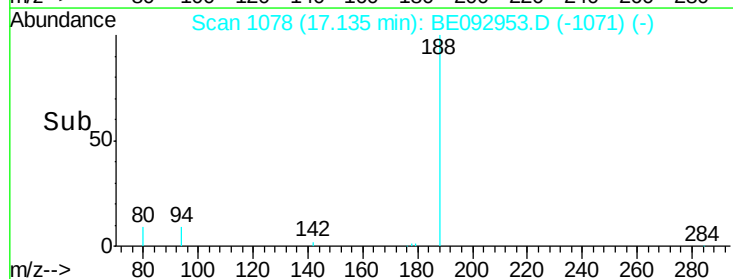
80 16.5 10.6 15.8#

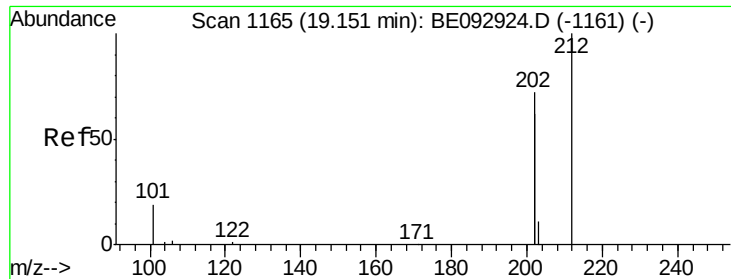


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0

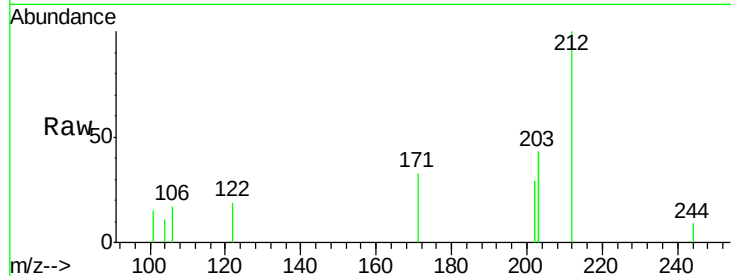




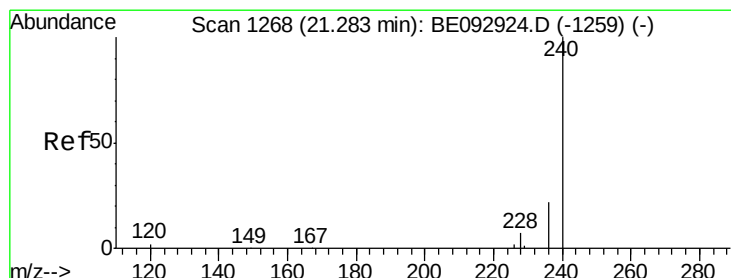
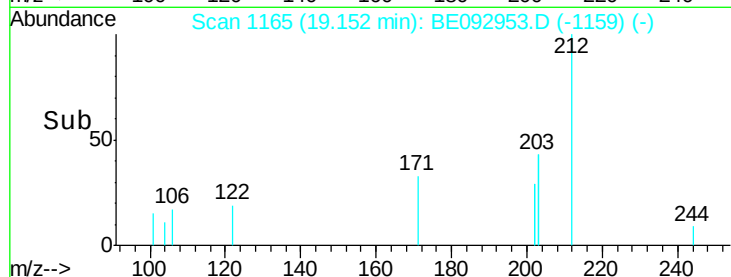
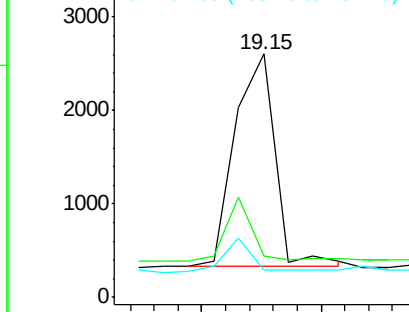
#24
Fluoranthene-d10
Concen: 0.45 ng
RT: 19.15 min Scan# 1165
Delta R.T. 0.00 min
Lab File: BE092953.D
Acq: 6 May 2017 5:43

Instrument :
BNA_E
ClientSampleId :
3070-PA1

Tgt Ion: 212 Resp: 5275
Ion Ratio Lower Upper
212 100
106 0.0 0.0 0.0
104 0.0 0.0 0.0

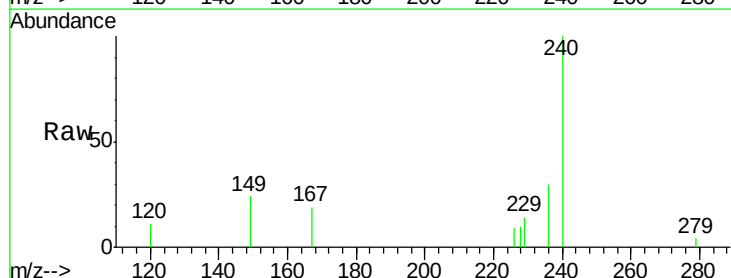


Abundance Ion 212.00 (211.70 to 212.70): E
Ion 106.00 (105.70 to 106.70): E
Ion 104.00 (103.70 to 104.70): E

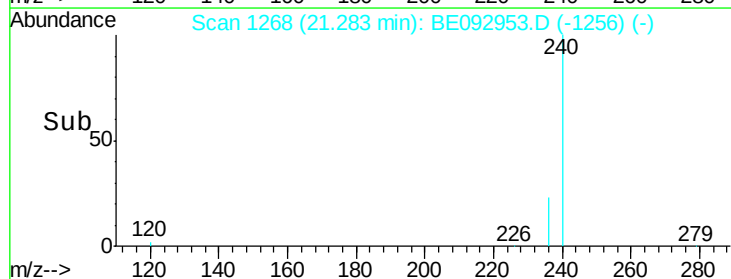
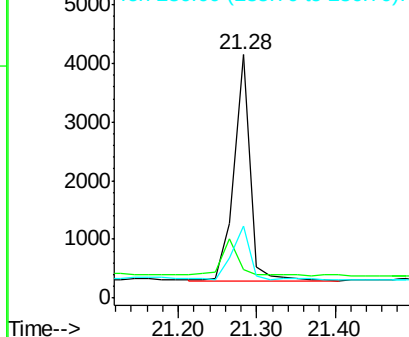


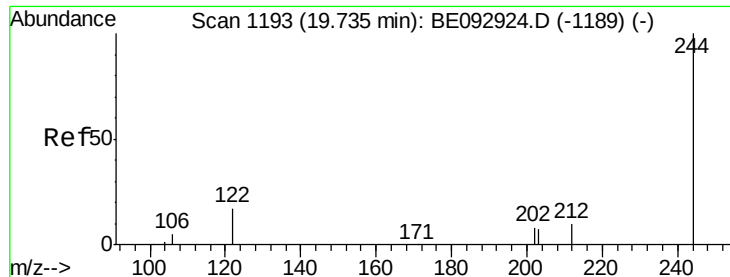
#26
Chrysene-d12
Concen: 0.40 ng
RT: 21.28 min Scan# 1268
Delta R.T. -0.00 min
Lab File: BE092953.D
Acq: 6 May 2017 5:43

Tgt Ion: 240 Resp: 5484
Ion Ratio Lower Upper
240 100
120 11.5 4.6 6.8#
236 29.8 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: 19.74 min Scan# 1193

Delta R.T. 0.00 min

Lab File: BE092953.D

Acq: 6 May 2017 5:43

Instrument :

BNA_E

ClientSampleId :

3070-PA1

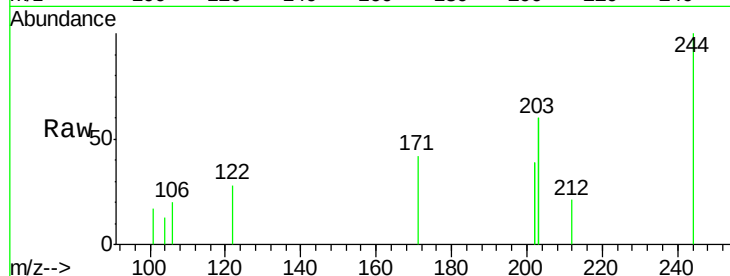
Tgt Ion:244 Resp: 3667

Ion Ratio Lower Upper

244 100

212 21.2 18.4 27.6

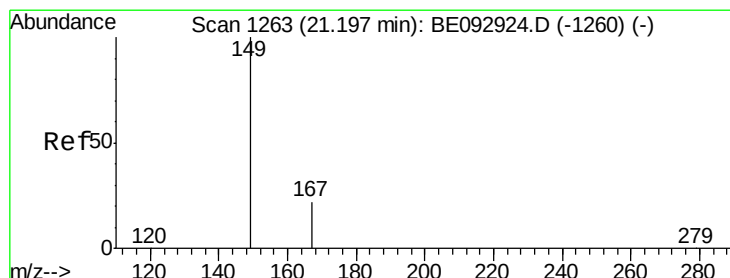
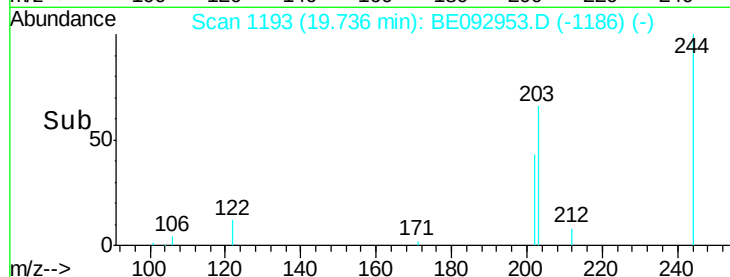
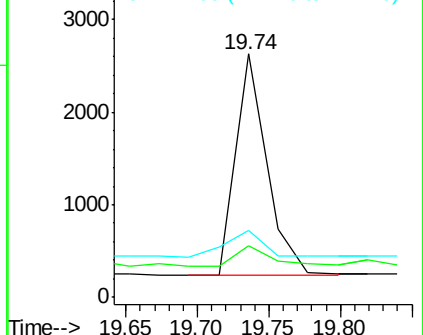
122 27.7 23.3 34.9



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



#31

Bis(2-ethylhexyl)phthalate

Concen: 0.97 ng

RT: 21.20 min Scan# 1263

Delta R.T. -0.00 min

Lab File: BE092953.D

Acq: 6 May 2017 5:43

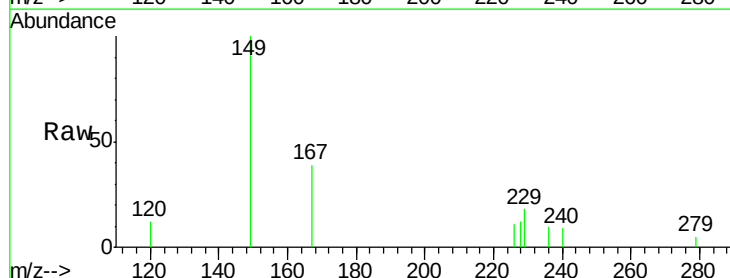
Tgt Ion:149 Resp: 3402

Ion Ratio Lower Upper

149 100

167 31.7 20.9 31.3#

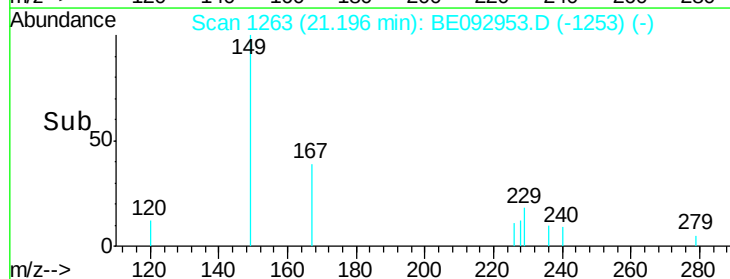
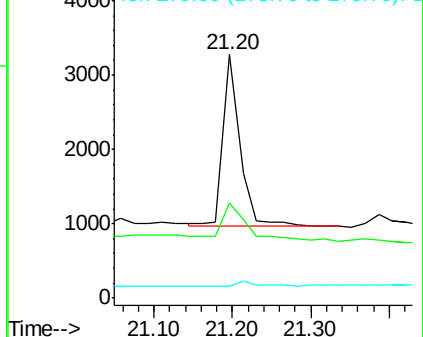
279 3.1 0.0 0.0#

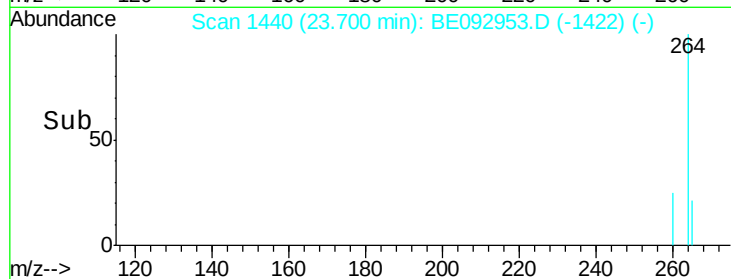
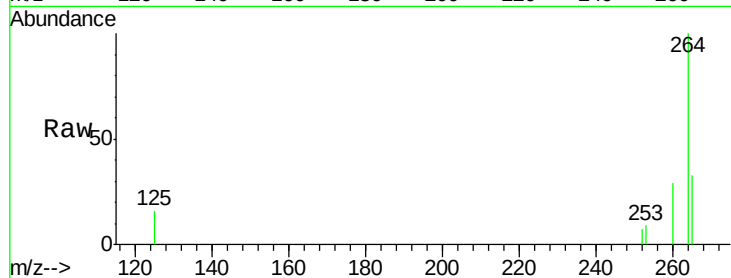
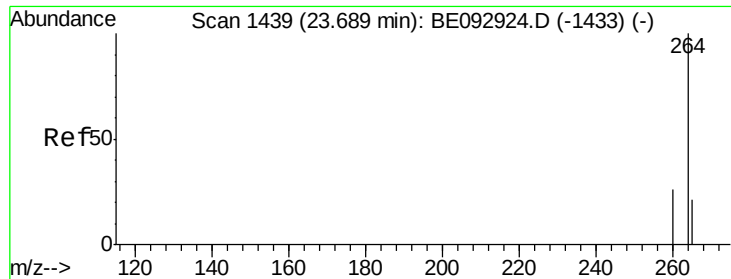


Abundance Ion 149.00 (148.70 to 149.70): E

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: 23.70 min Scan# 1440

Delta R.T. 0.01 min

Lab File: BE092953.D

Acq: 6 May 2017 5:43

Instrument :

BNA_E

ClientSampleId :

3070-PA1

Tgt Ion: 264 Resp: 4518

Ion Ratio Lower Upper

264 100

260 28.6 23.5 35.3

265 32.8 27.2 40.8

