

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE042017\
 Data File : BE092903.D
 Acq On : 20 Apr 2017 16:59
 Operator : SJ/MA
 Sample : SSTDICC3.2
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC3.2

Quant Time: Apr 20 17:30:56 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE042017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 20 17:06:29 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	634	0.40	ng	0.00
7) Naphthalene-d8	10.53	136	2798	0.40	ng	0.00
13) Acenaphthene-d10	14.39	164	1356	0.40	ng	0.00
19) Phenanthrene-d10	17.13	188	3070	0.40	ng	0.00
26) Chrysene-d12	21.28	240	3725	0.40	ng	0.00
33) Perylene-d12	23.70	264	2463	0.40	ng	0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.35	112	4621	3.38	ng	0.00
5) Phenol-d6	6.94	99	6590	3.48	ng	0.00
8) Nitrobenzene-d5	8.90	82	6276	3.40	ng	0.00
11) 2-Methylnaphthalene-d10	12.13	152	13181	3.19	ng	0.00
14) 2,4,6-Tribromophenol	15.87	330	804	3.68	ng	0.00
15) 2-Fluorobiphenyl	13.01	172	18732	2.97	ng	0.00
24) Fluoranthene-d10	19.15	212	25711	3.56	ng	0.00
28) Terphenyl-d14	19.74	244	19292	2.95	ng	0.00

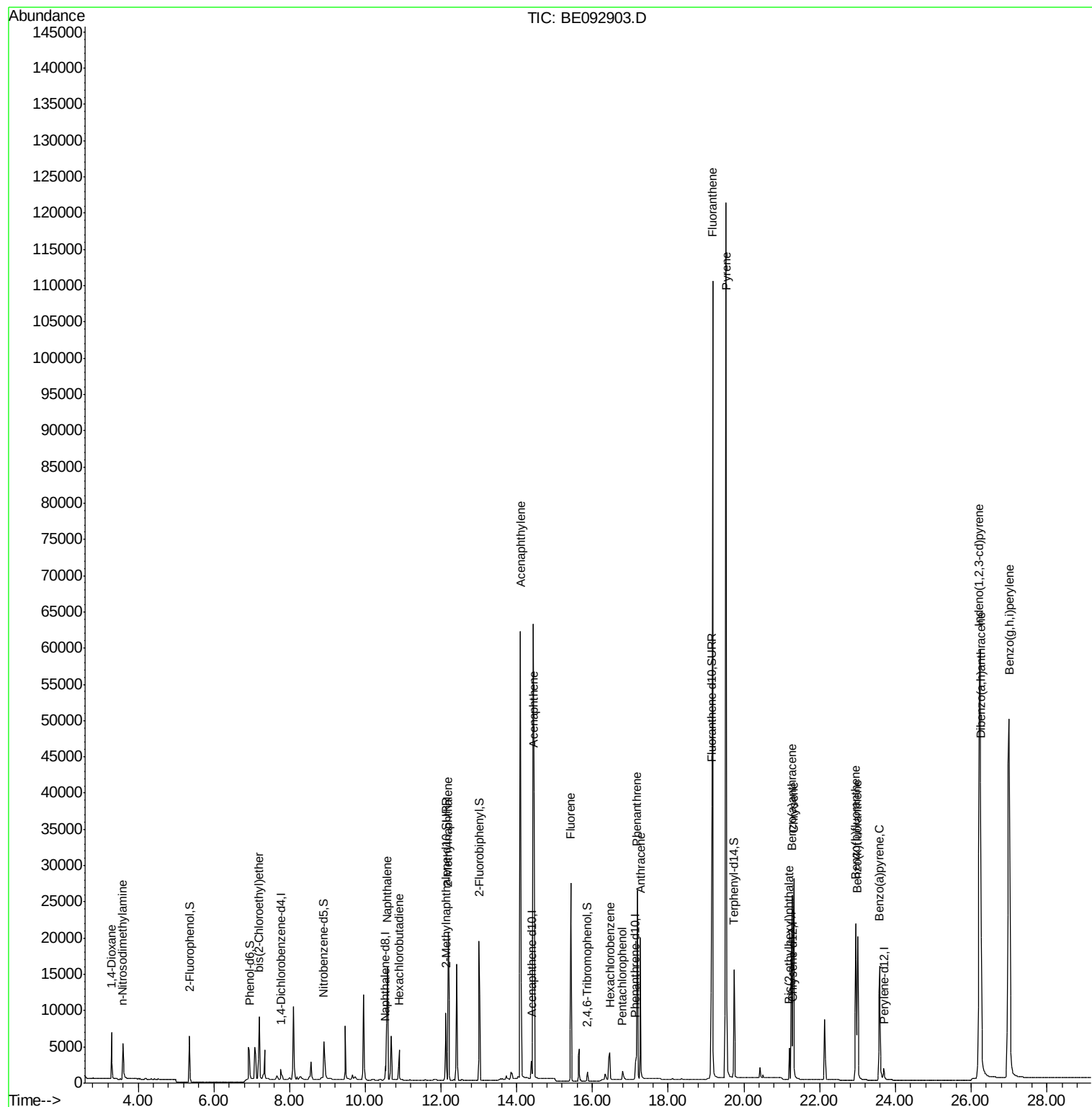
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.30	88	3817	3.12	ng	96
3) n-Nitrosodimethylamine	3.59	42	3303	3.67	ng	# 84
6) bis(2-Chloroethyl)ether	7.20	93	7685	3.31	ng	99
9) Naphthalene	10.58	128	23158	3.09	ng	# 83
10) Hexachlorobutadiene	10.89	225	3179	3.05	ng	95
12) 2-Methylnaphthalene	12.19	142	14902	3.25	ng	94
16) Acenaphthylene	14.10	152	80239	3.79	ng	99
17) Acenaphthene	14.45	154	13749	3.21	ng	95
18) Fluorene	15.43	166	17092	3.29	ng	98
20) Hexachlorobenzene	16.46	284	4730	3.54	ng	# 100
21) Pentachlorophenol	16.79	266	972	4.19	ng	# 71
22) Phenanthrene	17.18	178	30366	3.46	ng	98
23) Anthracene	17.27	178	25083	3.80	ng	99
25) Fluoranthene	19.17	202	141582	3.81	ng	# 99
27) Pyrene	19.53	202	146498	2.98	ng	# 100
29) Benzo(a)anthracene	21.27	228	29786	3.49	ng	# 80
30) Chrysene	21.32	228	34501	3.09	ng	# 81
31) Bis(2-ethylhexyl)phthalate	21.20	149	6987	3.10	ng	# 99
32) Indeno(1,2,3-cd)pyrene	26.22	276	123666	3.44	ng	100
34) Benzo(b)fluoranthene	22.95	252	28754	3.36	ng	# 79
35) Benzo(k)fluoranthene	22.99	252	31047	3.61	ng	# 75
36) Benzo(a)pyrene	23.58	252	25126	3.69	ng	# 70
37) Dibenzo(a,h)anthracene	26.25	278	28514	3.77	ng	# 72
38) Benzo(g,h,i)perylene	27.00	276	115479	3.47	ng	# 75

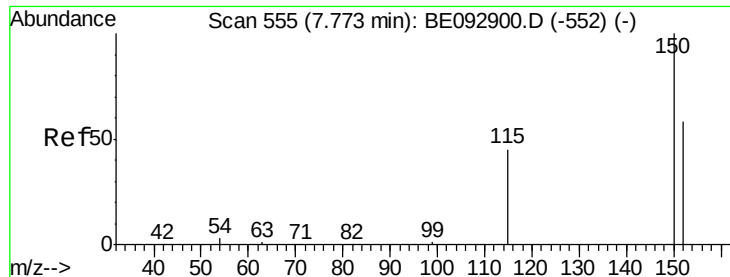
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE092903.D

Acq: 20 Apr 2017 16:59

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

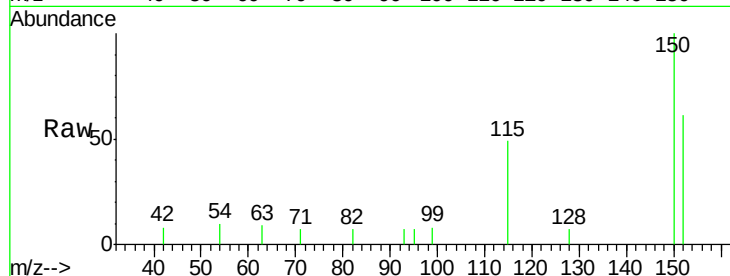
Tgt Ion:152 Resp: 634

Ion Ratio Lower Upper

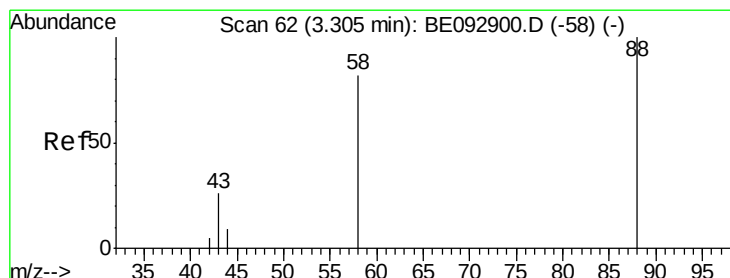
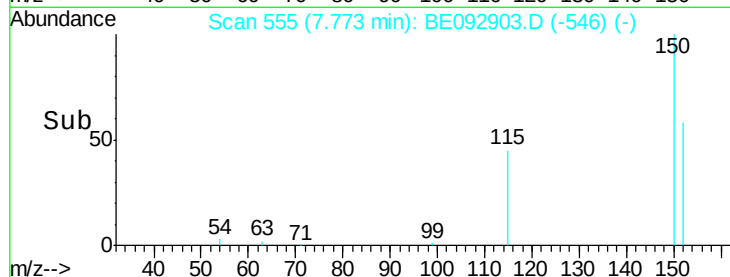
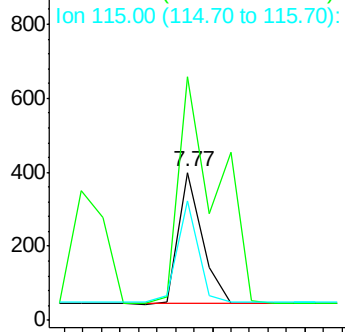
152 100

150 164.5 129.9 194.9

115 80.5 62.6 93.8



Abundance Ion 152.00 (151.70 to 152.70): E



#2

1,4-Dioxane

Concen: 3.12 ng

RT: 3.30 min Scan# 62

Delta R.T. -0.00 min

Lab File: BE092903.D

Acq: 20 Apr 2017 16:59

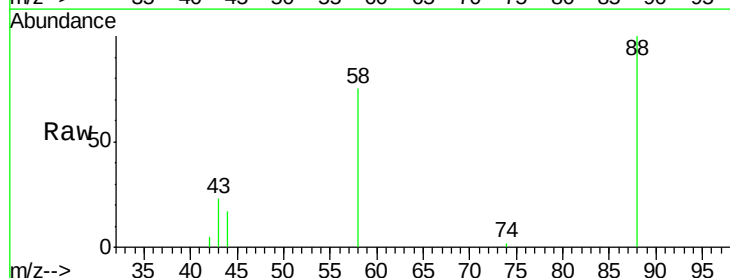
Tgt Ion: 88 Resp: 3817

Ion Ratio Lower Upper

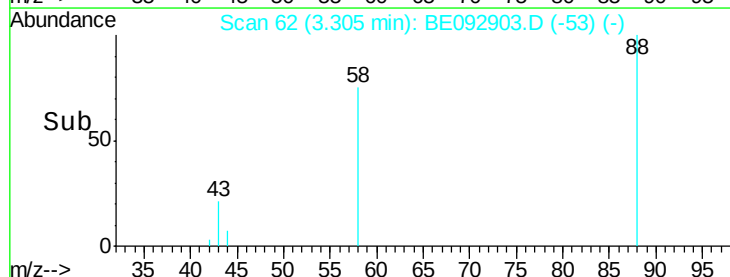
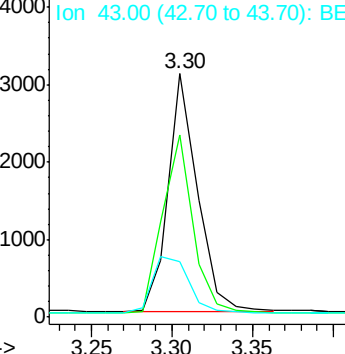
88 100

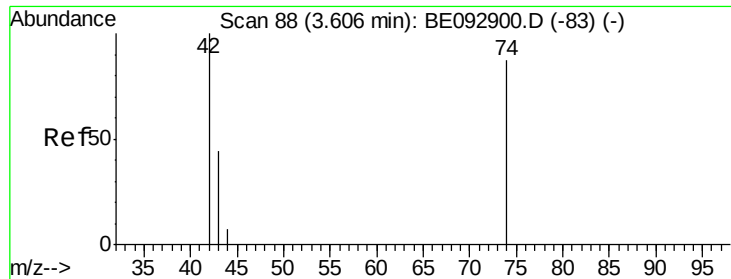
58 78.7 64.9 97.3

43 29.7 26.6 40.0



Abundance Ion 88.00 (87.70 to 88.70): BE0





#3

n-Nitrosodimethylamine

Concen: 3.67 ng

RT: 3.59 min Scan# 87

Delta R.T. -0.01 min

Lab File: BE092903.D

Acq: 20 Apr 2017 16:59

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

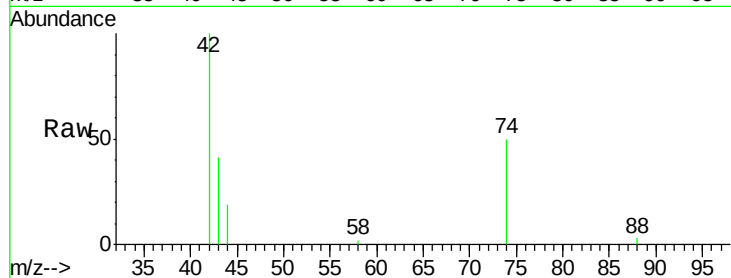
Tgt Ion: 42 Resp: 3303

Ion Ratio Lower Upper

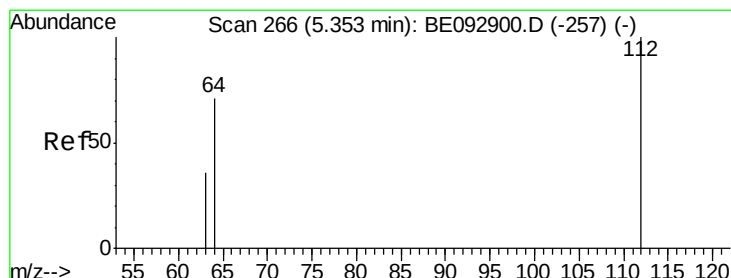
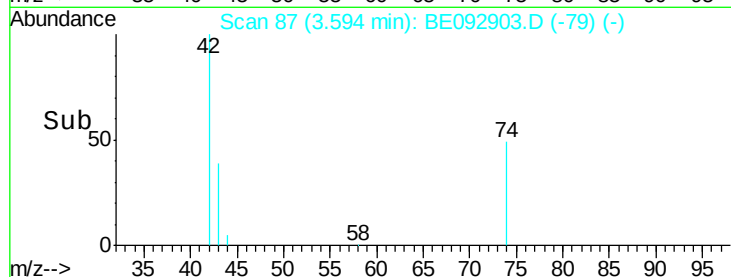
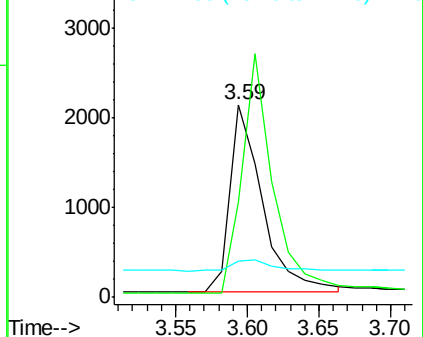
42 100

74 122.1 106.6 160.0

44 7.3 25.7 38.5#



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: 3.38 ng

RT: 5.35 min Scan# 266

Delta R.T. 0.00 min

Lab File: BE092903.D

Acq: 20 Apr 2017 16:59

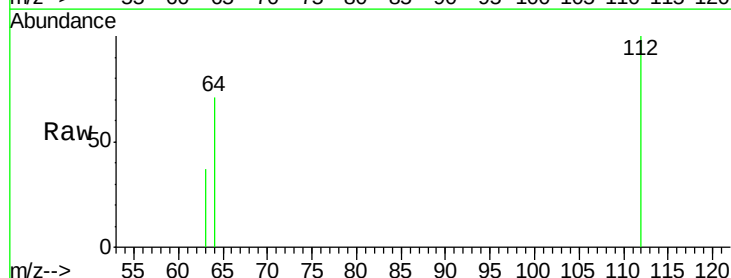
Tgt Ion: 112 Resp: 4621

Ion Ratio Lower Upper

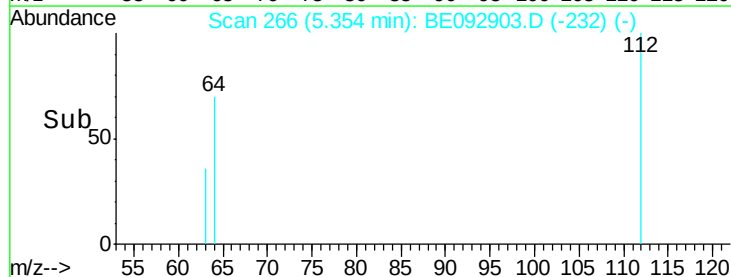
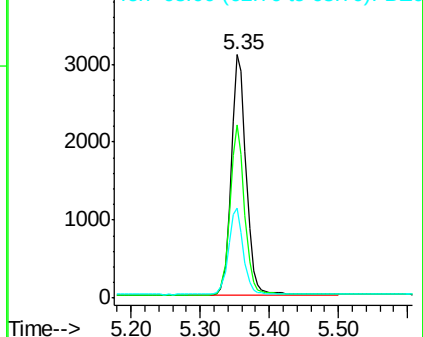
112 100

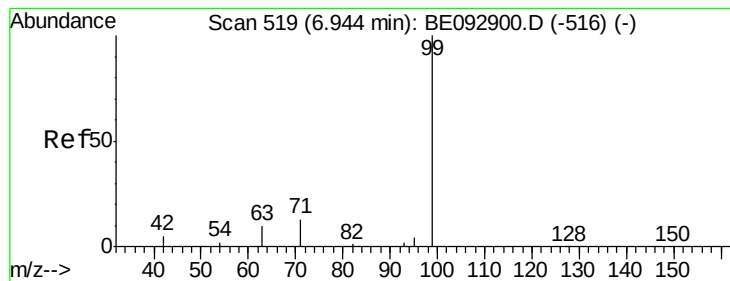
64 69.4 52.6 79.0

63 35.7 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: 3.48 ng

RT: 6.94 min Scan# 519

Delta R.T. -0.00 min

Lab File: BE092903.D

Acq: 20 Apr 2017 16:59

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

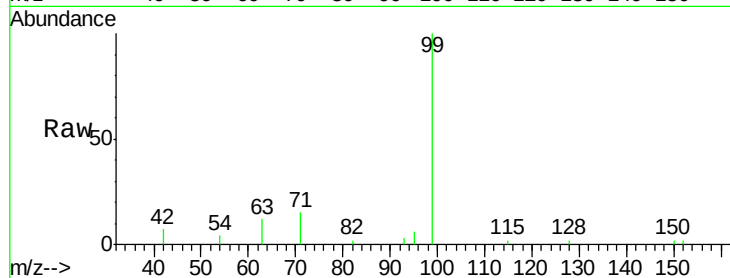
Tgt Ion: 99 Resp: 6590

Ion Ratio Lower Upper

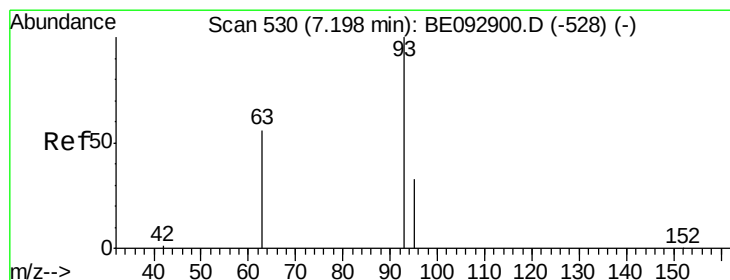
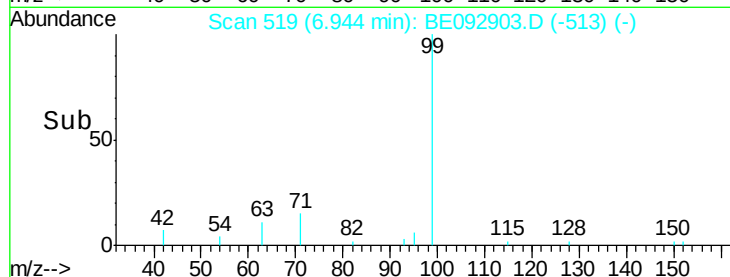
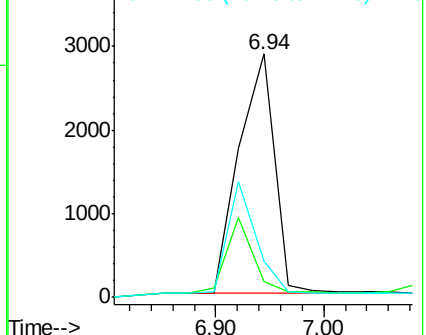
99 100

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

bis(2-Chloroethyl)ether

Concen: 3.31 ng

RT: 7.20 min Scan# 530

Delta R.T. -0.00 min

Lab File: BE092903.D

Acq: 20 Apr 2017 16:59

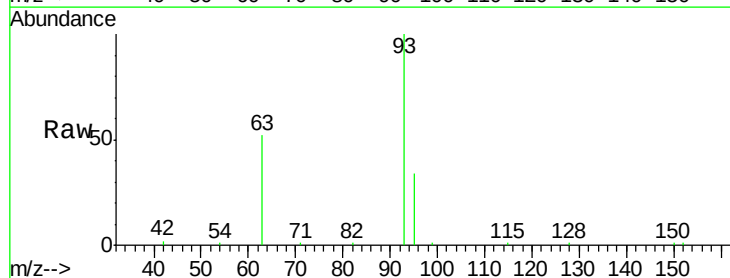
Tgt Ion: 93 Resp: 7685

Ion Ratio Lower Upper

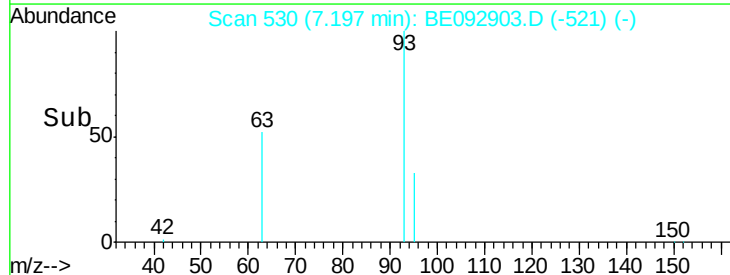
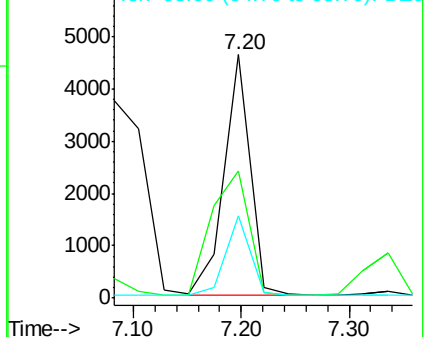
93 100

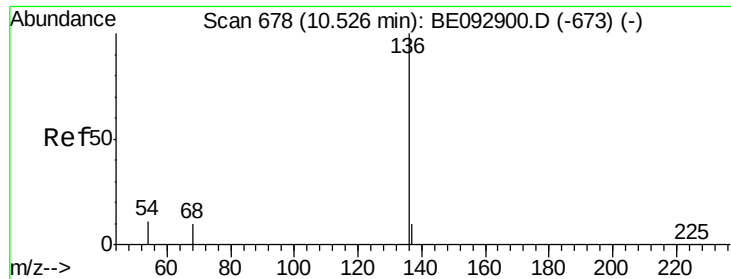
63 75.1 61.2 91.8

95 31.8 25.5 38.3



Abundance Ion 93.00 (92.70 to 93.70): BE0
Ion 63.00 (62.70 to 63.70): BE0
Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.40 ng

RT: 10.53 min Scan# 678

Delta R.T. -0.00 min

Lab File: BE092903.D

Acq: 20 Apr 2017 16:59

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

Tgt Ion: 136 Resp: 2798

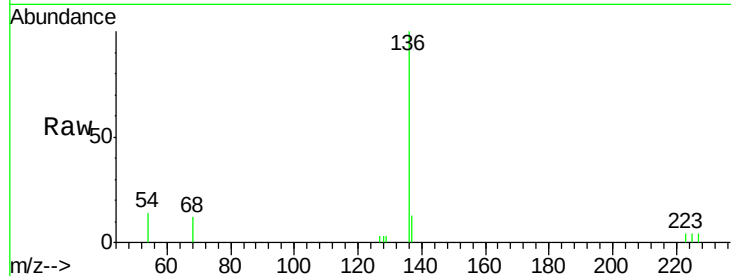
Ion Ratio Lower Upper

136 100

137 12.6 10.4 15.6

54 14.3 12.6 18.8

68 12.3 10.7 16.1

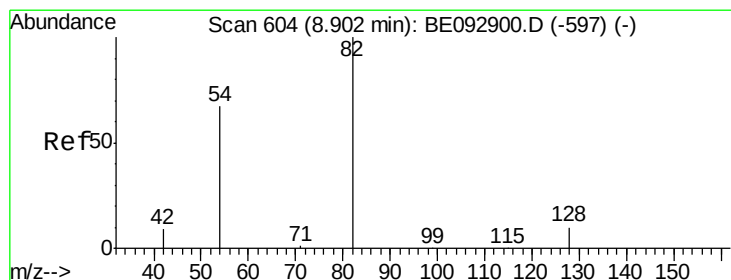
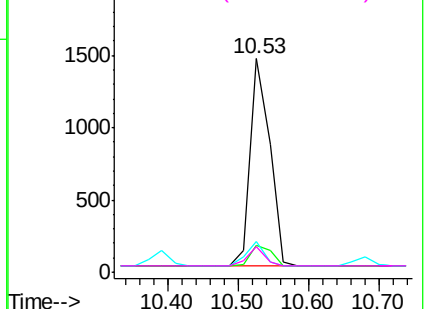
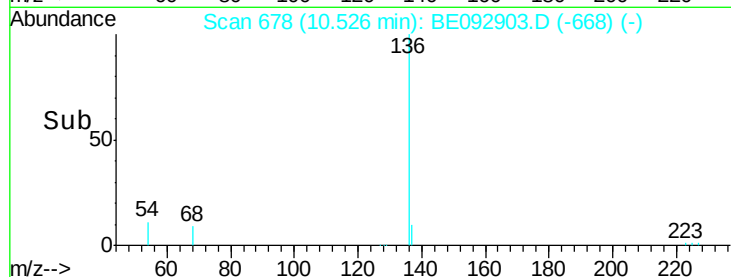


Abundance Ion 136.00 (135.70 to 136.70): E

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



#8

Nitrobenzene-d5

Concen: 3.40 ng

RT: 8.90 min Scan# 604

Delta R.T. -0.00 min

Lab File: BE092903.D

Acq: 20 Apr 2017 16:59

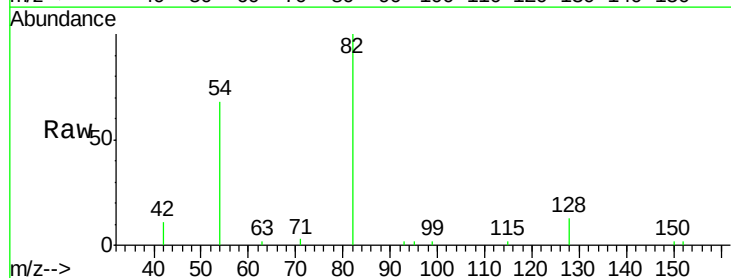
Tgt Ion: 82 Resp: 6276

Ion Ratio Lower Upper

82 100

128 12.5 35.3 52.9#

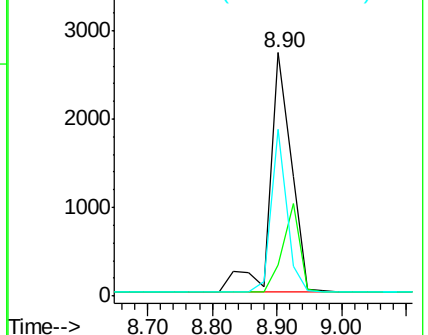
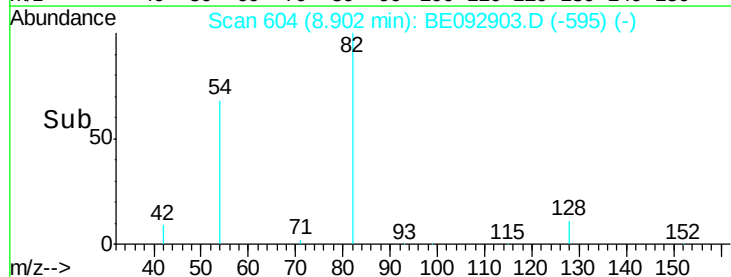
54 68.3 65.1 97.7

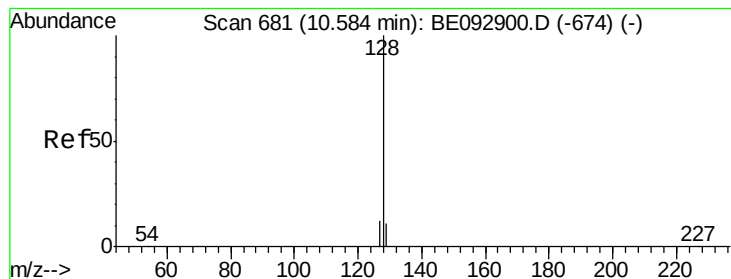


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 3.09 ng

RT: 10.58 min Scan# 681

Delta R.T. -0.00 min

Lab File: BE092903.D

Acq: 20 Apr 2017 16:59

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

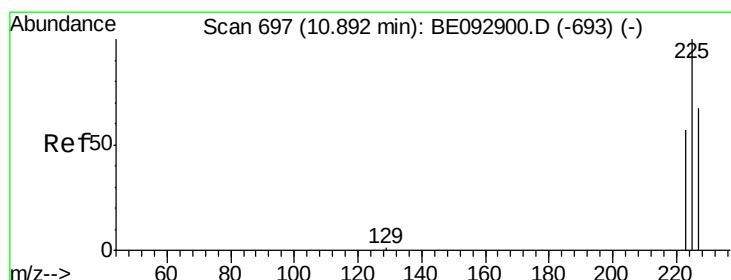
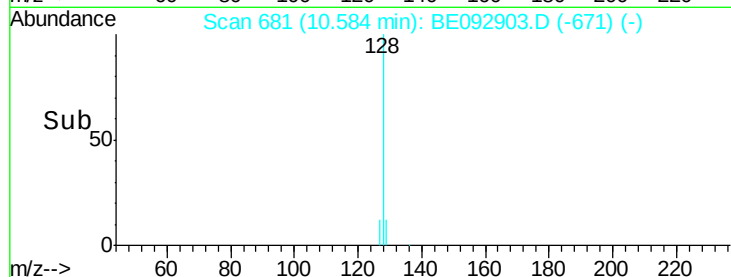
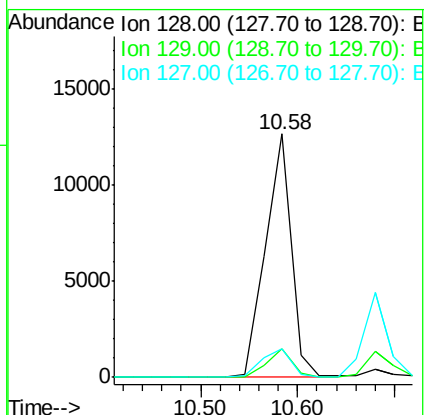
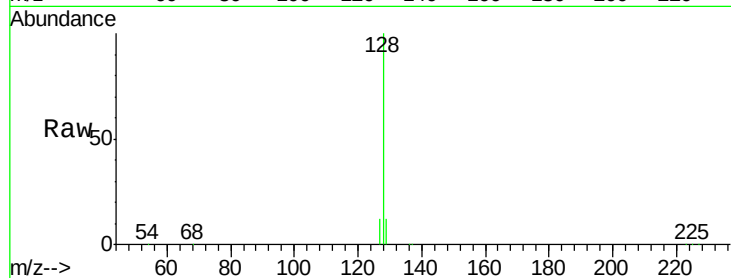
Tgt Ion:128 Resp: 23158

Ion Ratio Lower Upper

128 100

129 11.9 15.8 23.8#

127 12.0 16.0 24.0#



#10

Hexachlorobutadiene

Concen: 3.05 ng

RT: 10.89 min Scan# 697

Delta R.T. -0.00 min

Lab File: BE092903.D

Acq: 20 Apr 2017 16:59

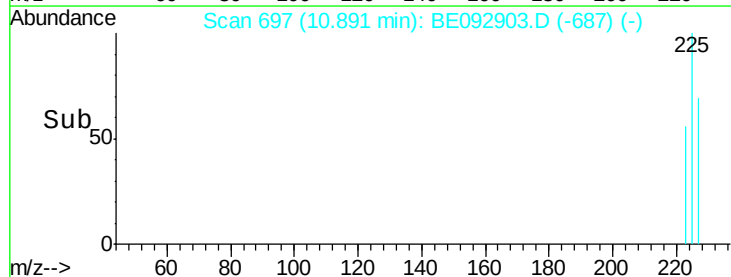
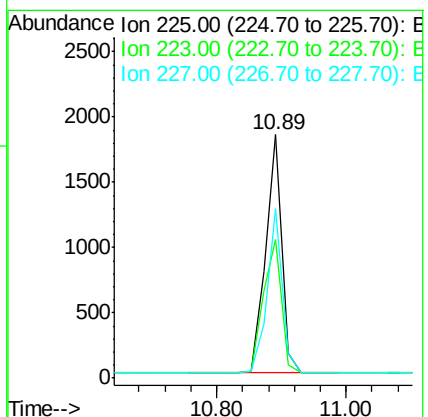
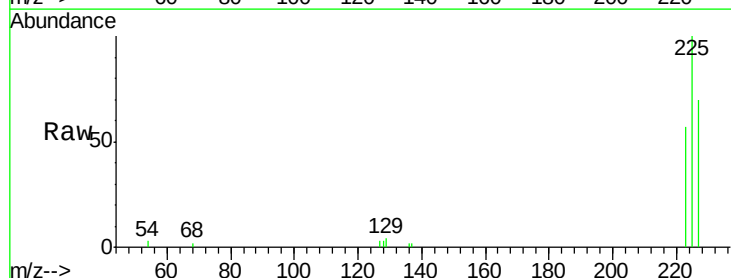
Tgt Ion:225 Resp: 3179

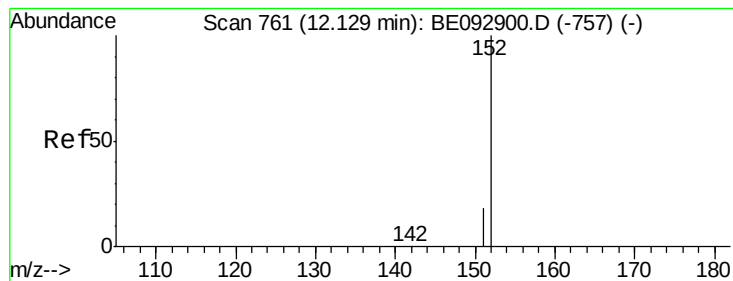
Ion Ratio Lower Upper

225 100

223 62.1 55.4 83.2

227 64.3 52.2 78.4





#11

2-Methylnaphthalene-d10

Concen: 3.19 ng

RT: 12.13 min Scan# 761

Delta R.T. 0.00 min

Lab File: BE092903.D

Acq: 20 Apr 2017 16:59

Instrument :

BNA_E

ClientSampleId :

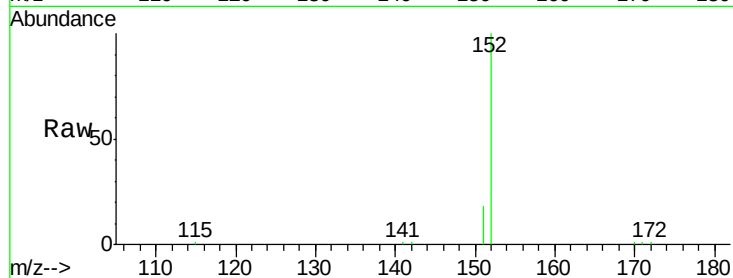
SSTDICC3.2

Tgt Ion:152 Resp: 13181

Ion Ratio Lower Upper

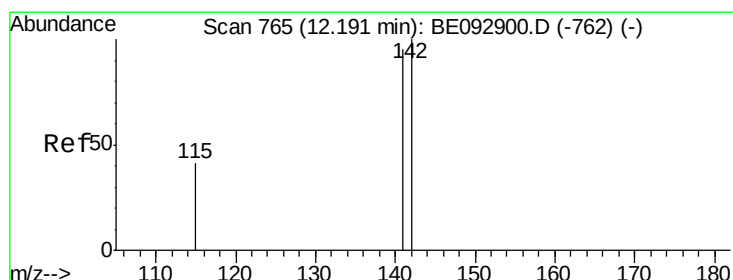
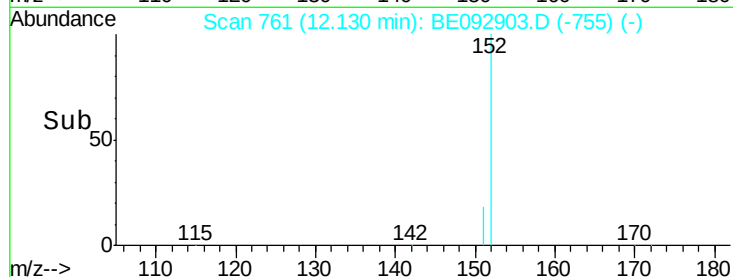
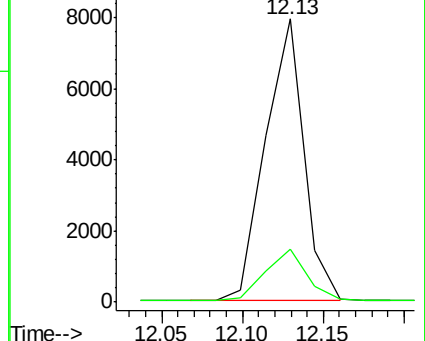
152 100

151 19.2 15.7 23.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 3.25 ng

RT: 12.19 min Scan# 765

Delta R.T. 0.00 min

Lab File: BE092903.D

Acq: 20 Apr 2017 16:59

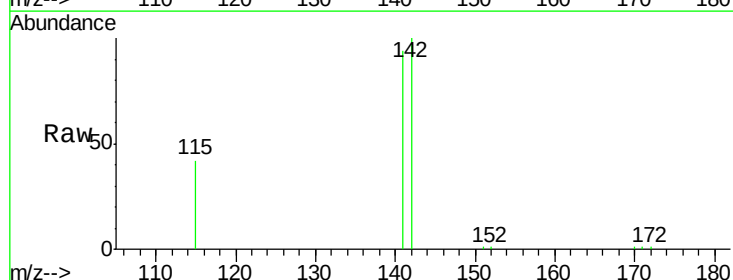
Tgt Ion:142 Resp: 14902

Ion Ratio Lower Upper

142 100

141 94.4 76.0 114.0

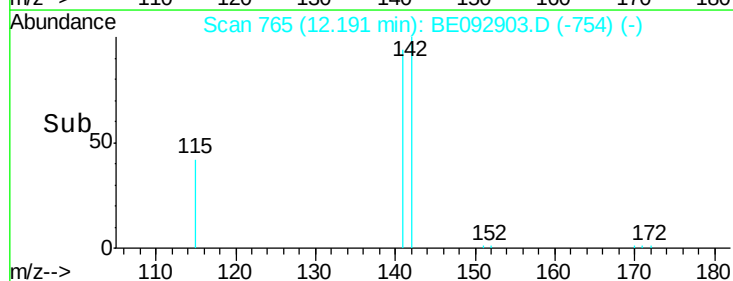
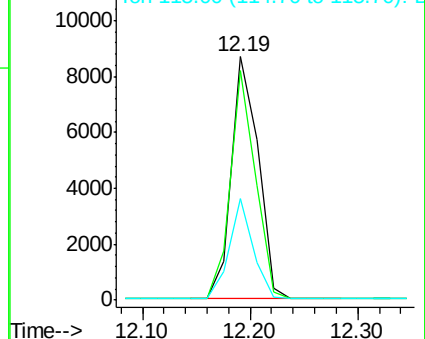
115 41.7 41.6 62.4

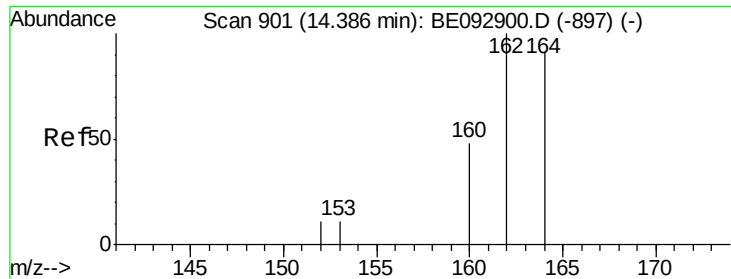


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#13

Acenaphthene-d10

Concen: 0.40 ng

RT: 14.39 min Scan# 901

Delta R.T. 0.00 min

Lab File: BE092903.D

Acq: 20 Apr 2017 16:59

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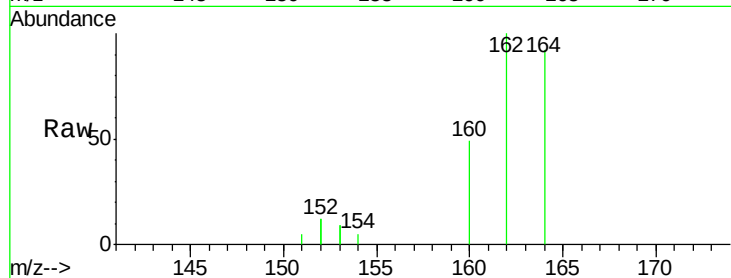
Tgt Ion:164 Resp: 1356

Ion Ratio Lower Upper

164 100

162 108.8 86.6 130.0

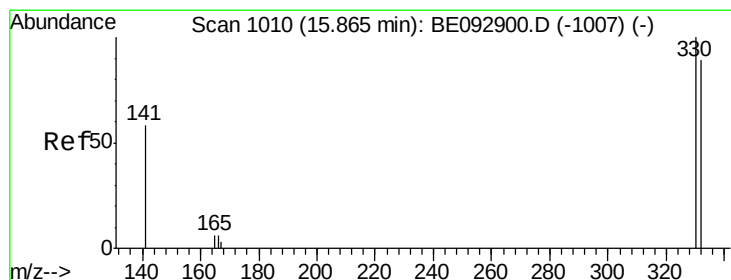
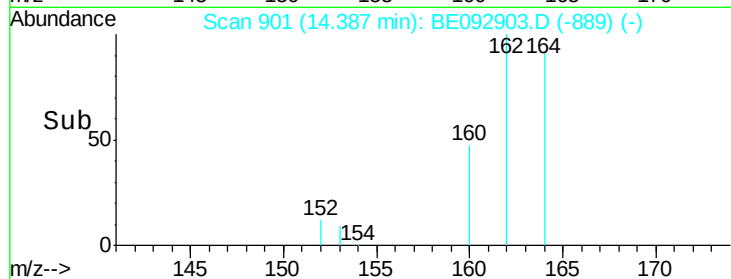
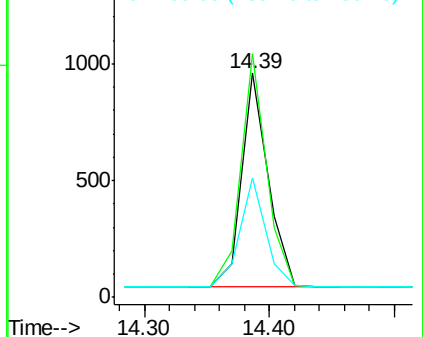
160 53.7 44.5 66.7



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: 3.68 ng

RT: 15.87 min Scan# 1010

Delta R.T. 0.00 min

Lab File: BE092903.D

Acq: 20 Apr 2017 16:59

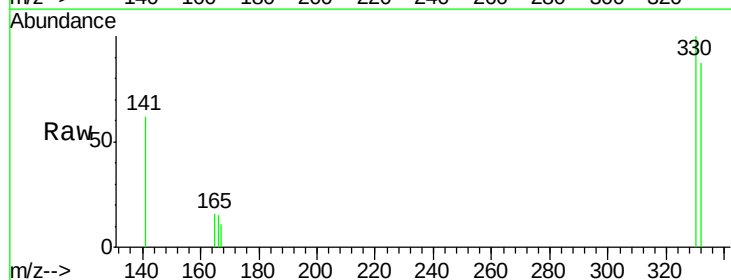
Tgt Ion:330 Resp: 804

Ion Ratio Lower Upper

330 100

332 95.6 69.1 103.7

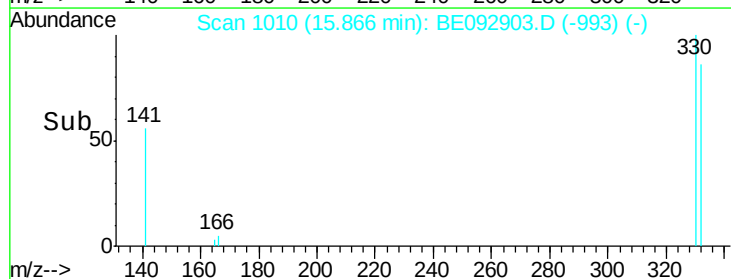
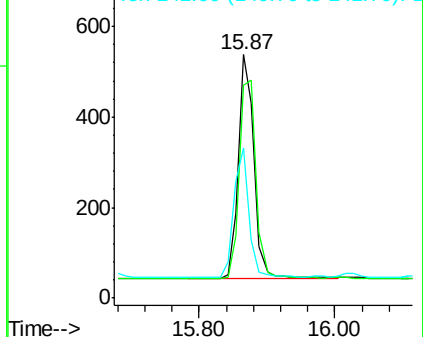
141 55.6 54.6 81.8

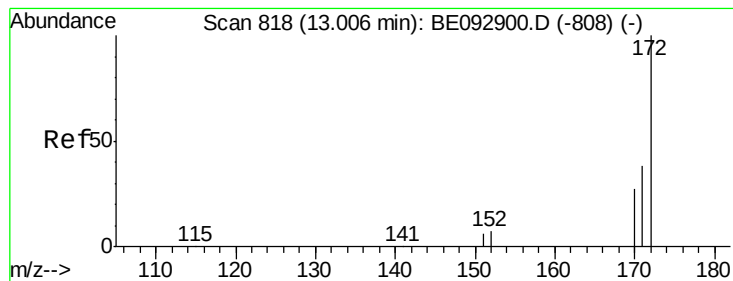


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 2.97 ng

RT: 13.01 min Scan# 818

Delta R.T. 0.00 min

Lab File: BE092903.D

Acq: 20 Apr 2017 16:59

Instrument :

BNA_E

ClientSampled :

SSTDICC3.2

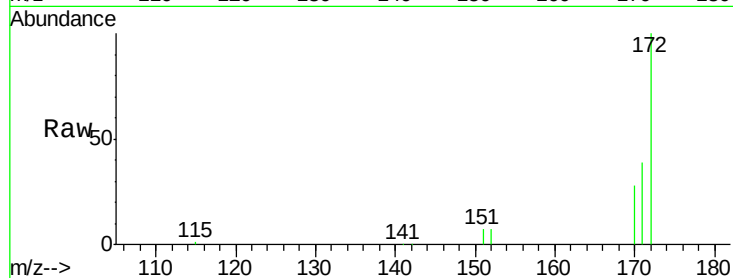
Tgt Ion:172 Resp: 18732

Ion Ratio Lower Upper

172 100

171 38.9 35.8 53.6

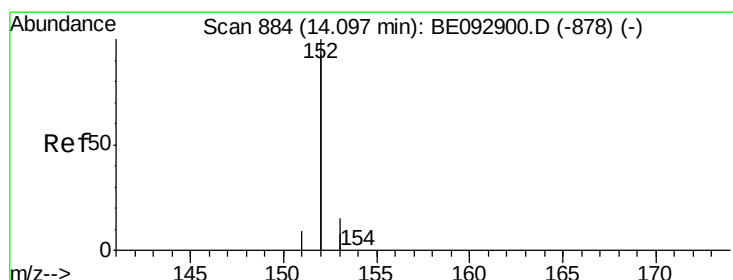
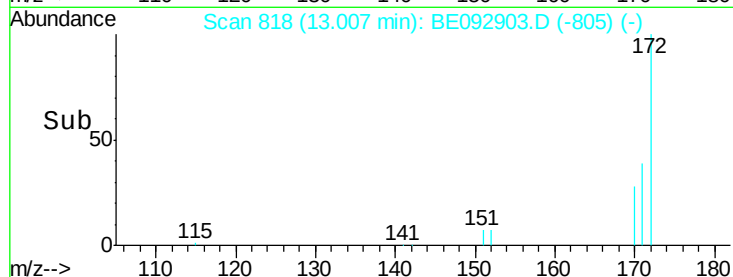
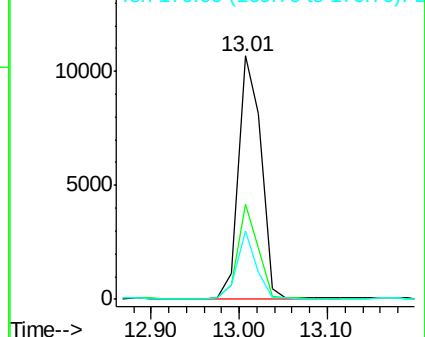
170 28.1 28.5 42.7#



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



#16

Acenaphthylene

Concen: 3.79 ng

RT: 14.10 min Scan# 884

Delta R.T. 0.00 min

Lab File: BE092903.D

Acq: 20 Apr 2017 16:59

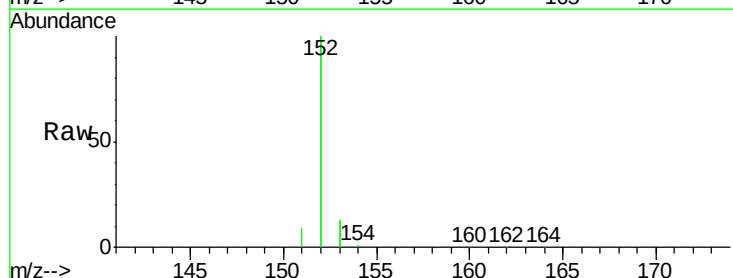
Tgt Ion:152 Resp: 80239

Ion Ratio Lower Upper

152 100

151 4.9 3.8 5.8

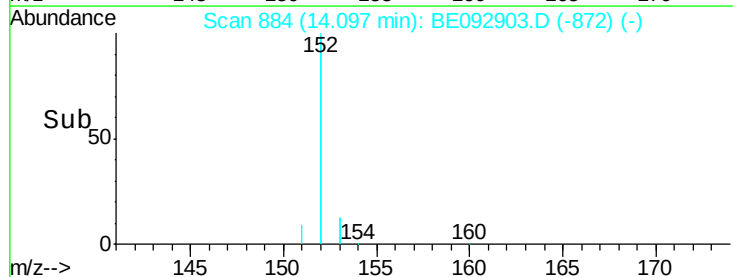
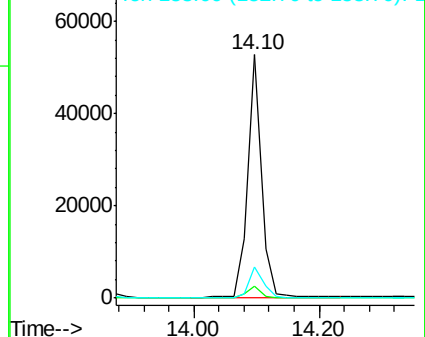
153 13.1 10.0 15.0

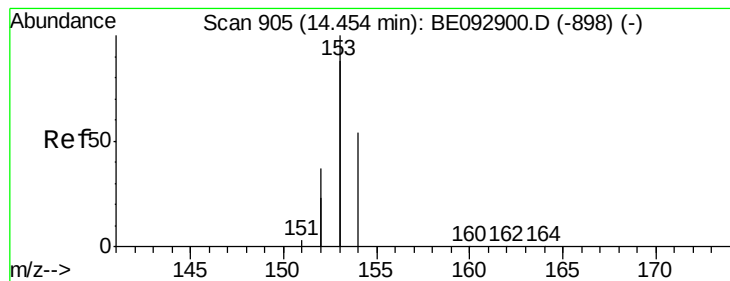


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 3.21 ng

RT: 14.45 min Scan# 905

Delta R.T. 0.00 min

Lab File: BE092903.D

Acq: 20 Apr 2017 16:59

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

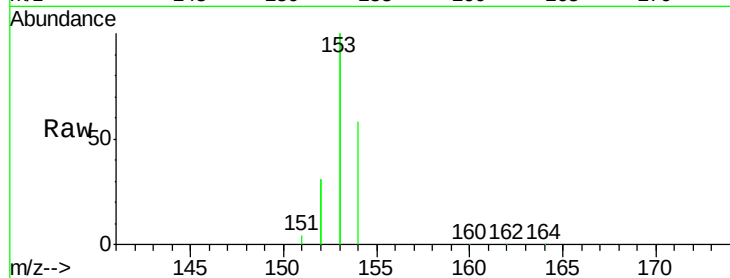
Tgt Ion:154 Resp: 13749

Ion Ratio Lower Upper

154 100

153 454.5 355.6 533.4

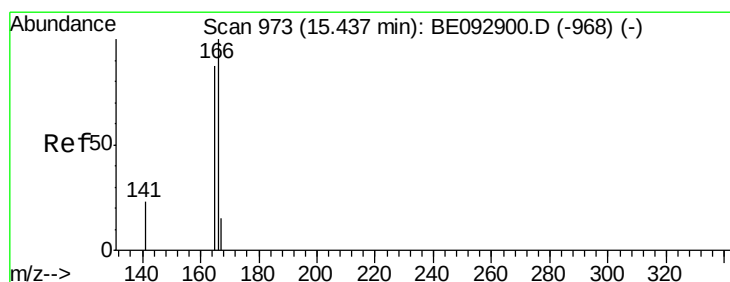
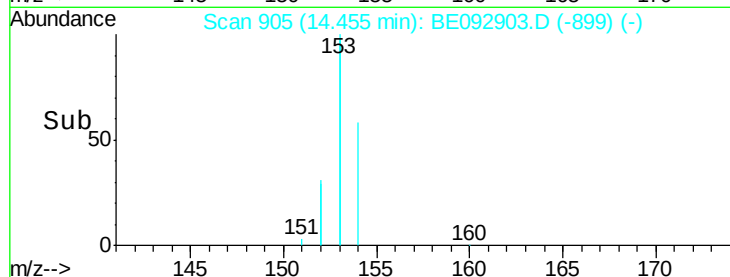
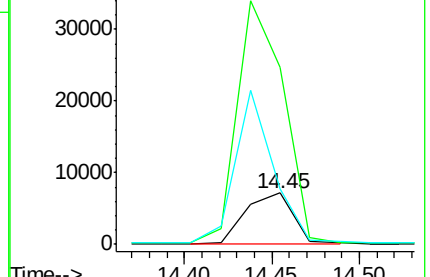
152 234.2 177.8 266.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 3.29 ng

RT: 15.43 min Scan# 972

Delta R.T. -0.01 min

Lab File: BE092903.D

Acq: 20 Apr 2017 16:59

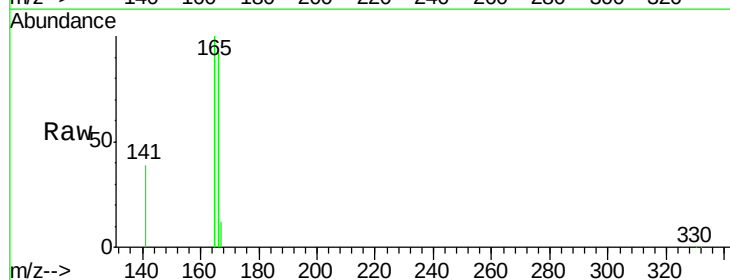
Tgt Ion:166 Resp: 17092

Ion Ratio Lower Upper

166 100

165 98.6 80.7 121.1

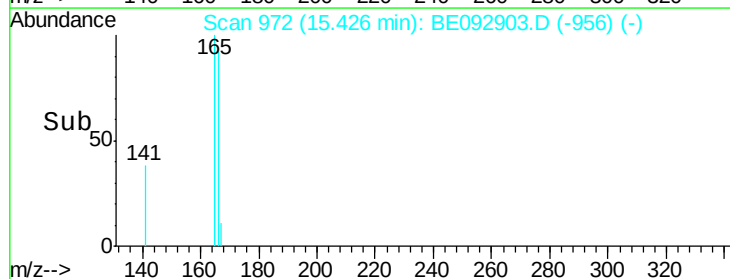
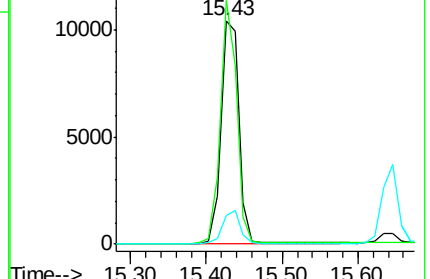
167 14.1 11.3 16.9

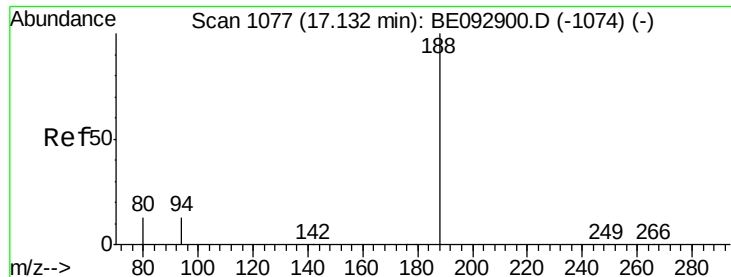


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.40 ng

RT: 17.13 min Scan# 1077

Delta R.T. 0.00 min

Lab File: BE092903.D

Acq: 20 Apr 2017 16:59

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

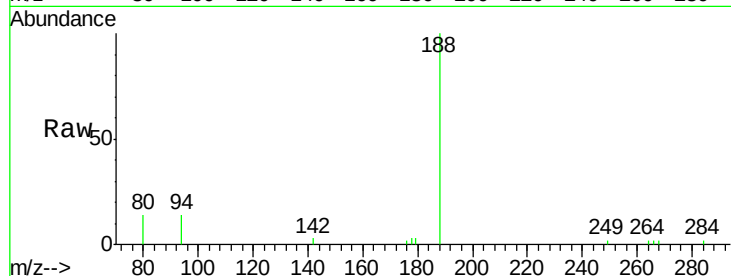
Tgt Ion:188 Resp: 3070

Ion Ratio Lower Upper

188 100

94 14.0 10.2 15.4

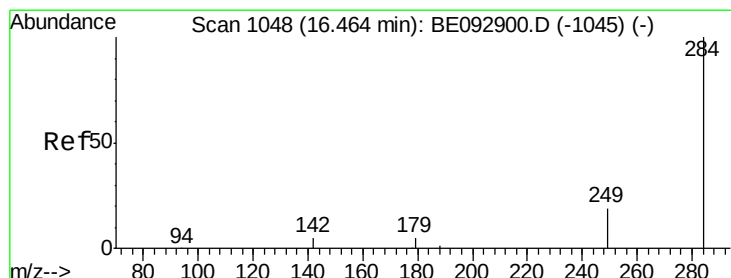
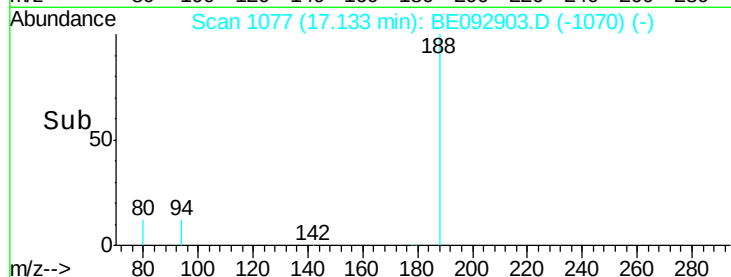
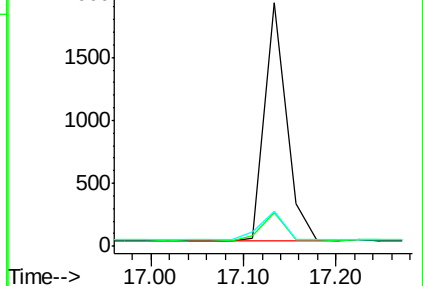
80 14.5 10.6 15.8



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



#20

Hexachlorobenzene

Concen: 3.54 ng

RT: 16.46 min Scan# 1048

Delta R.T. 0.00 min

Lab File: BE092903.D

Acq: 20 Apr 2017 16:59

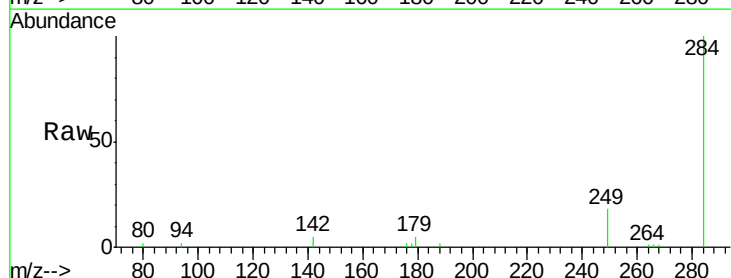
Tgt Ion:284 Resp: 4730

Ion Ratio Lower Upper

284 100

142 0.0 0.0 0.0

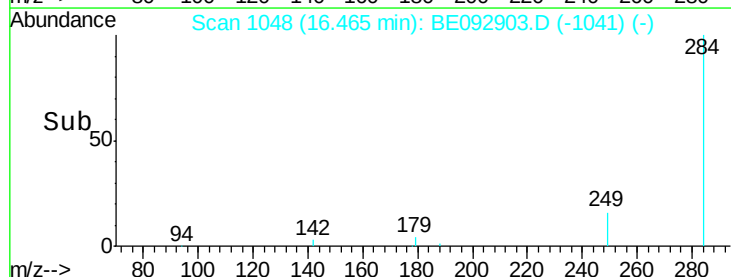
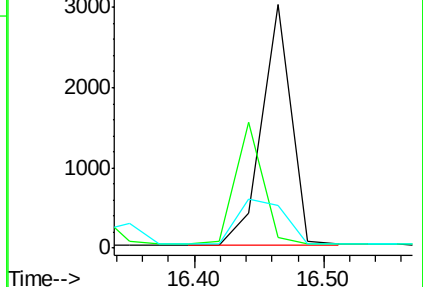
249 0.0 0.0 0.0

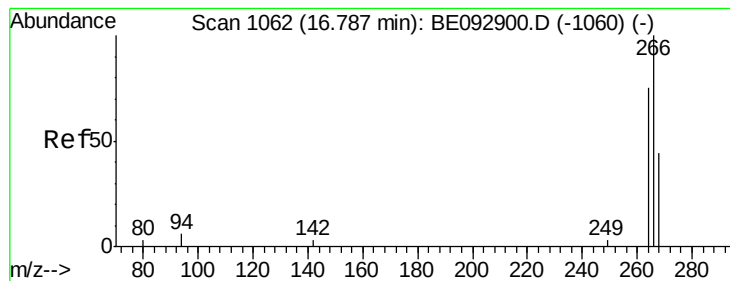


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#21

Pentachlorophenol

Concen: 4.19 ng

RT: 16.79 min Scan# 1062

Delta R.T. 0.00 min

Lab File: BE092903.D

Acq: 20 Apr 2017 16:59

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

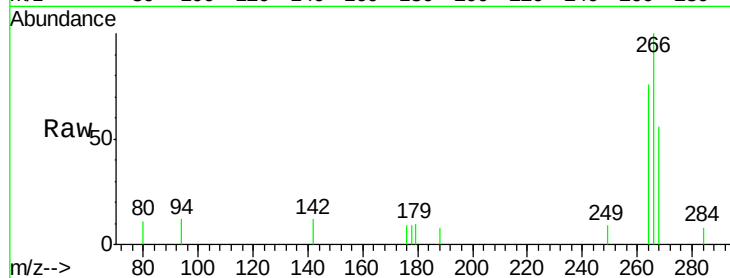
Tgt Ion:266 Resp: 972

Ion Ratio Lower Upper

266 100

264 76.4 75.4 113.2

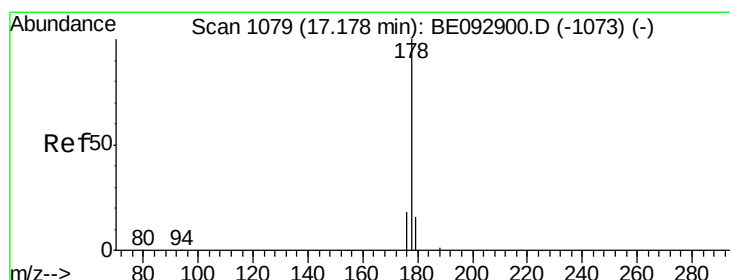
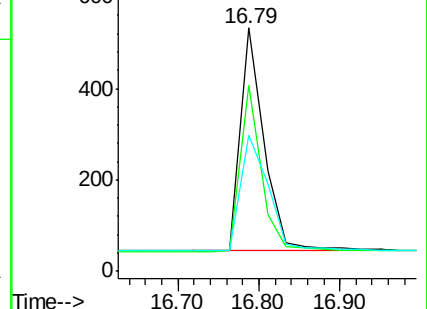
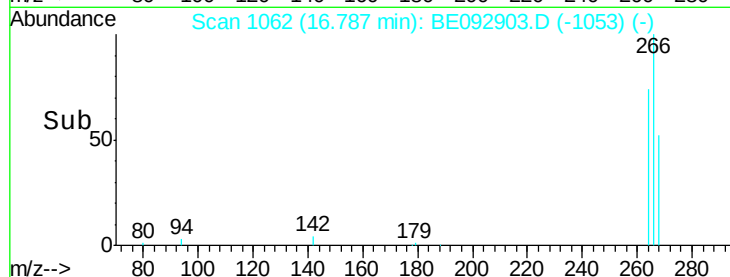
268 55.9 75.4 113.2#



Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



#22

Phenanthrene

Concen: 3.46 ng

RT: 17.18 min Scan# 1079

Delta R.T. 0.00 min

Lab File: BE092903.D

Acq: 20 Apr 2017 16:59

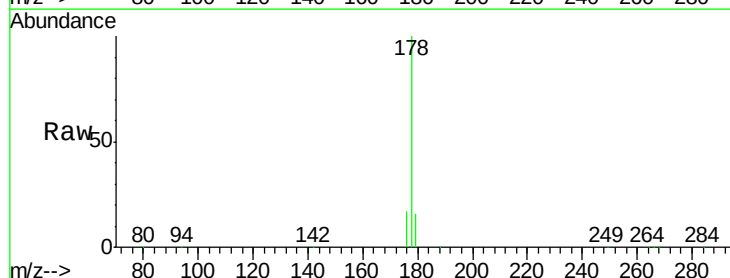
Tgt Ion:178 Resp: 30366

Ion Ratio Lower Upper

178 100

176 18.3 14.2 21.4

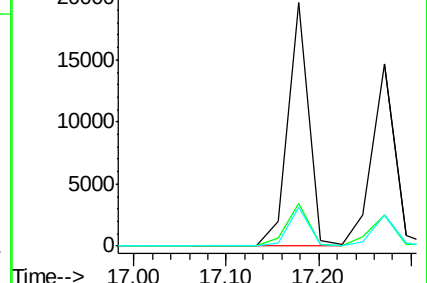
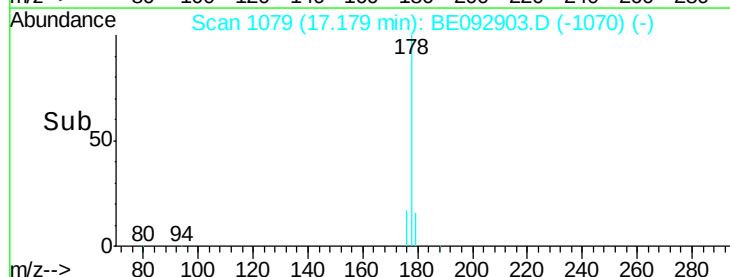
179 15.4 13.6 20.4

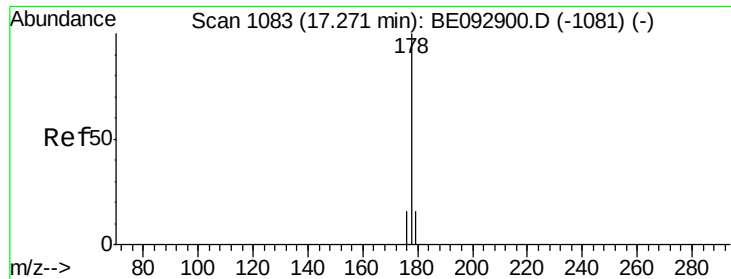


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#23

Anthracene

Concen: 3.80 ng

RT: 17.27 min Scan# 1083

Delta R.T. 0.00 min

Lab File: BE092903.D

Acq: 20 Apr 2017 16:59

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

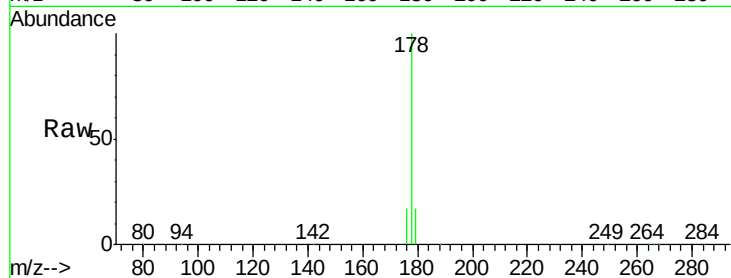
Tgt Ion:178 Resp: 25083

Ion Ratio Lower Upper

178 100

176 18.0 14.7 22.1

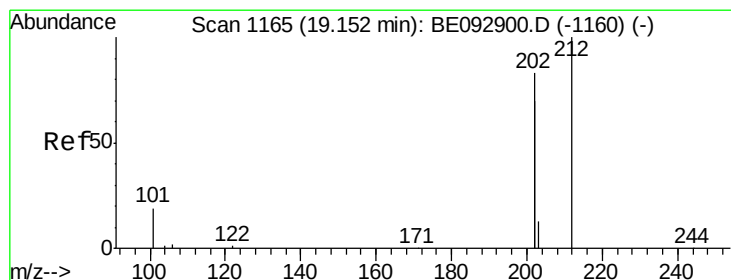
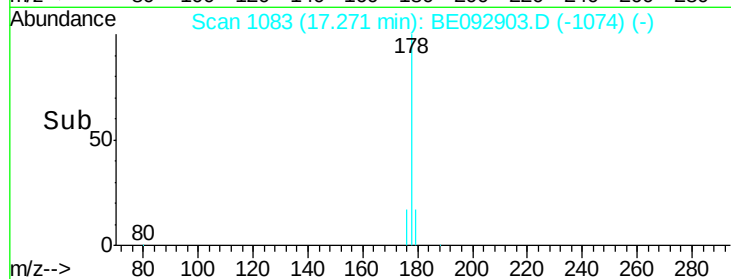
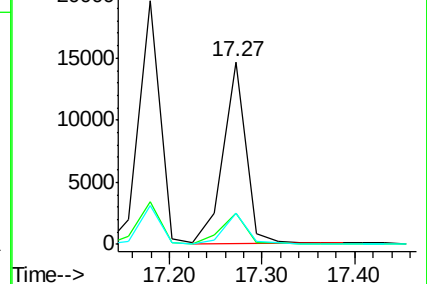
179 15.8 12.8 19.2



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: 3.56 ng

RT: 19.15 min Scan# 1165

Delta R.T. 0.00 min

Lab File: BE092903.D

Acq: 20 Apr 2017 16:59

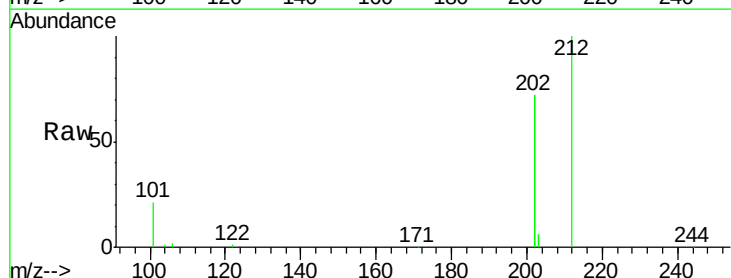
Tgt Ion:212 Resp: 25711

Ion Ratio Lower Upper

212 100

106 0.0 0.0 0.0

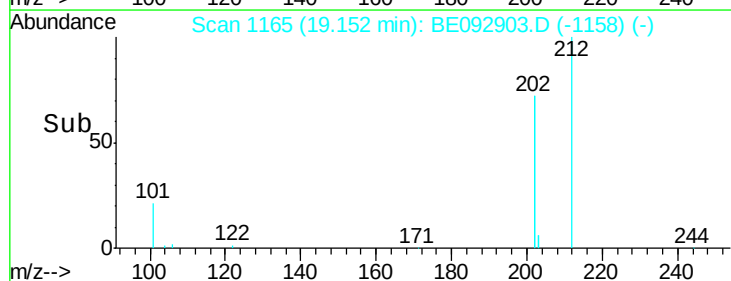
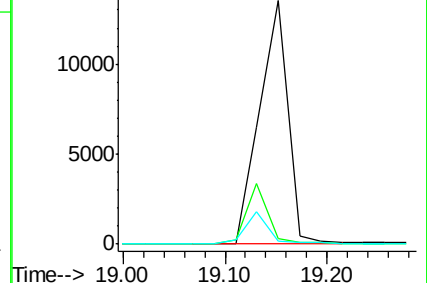
104 0.0 0.0 0.0

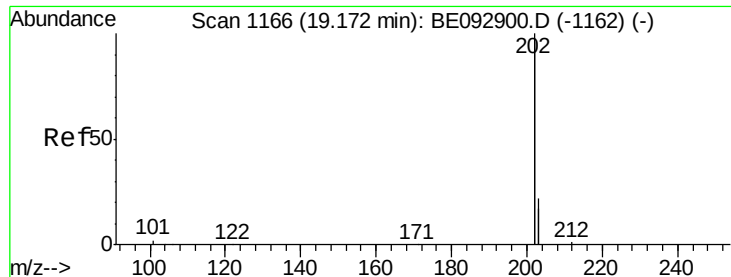


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E





#25

Fluoranthene

Concen: 3.81 ng

RT: 19.17 min Scan# 1166

Delta R.T. 0.00 min

Lab File: BE092903.D

Acq: 20 Apr 2017 16:59

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

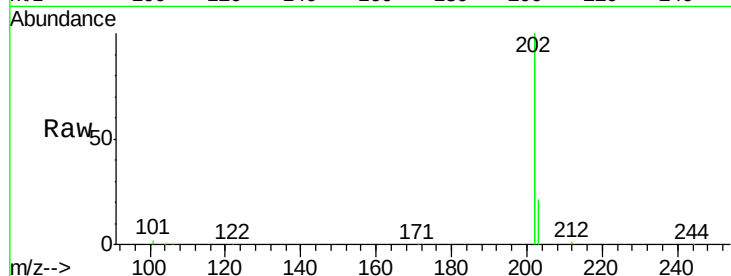
Tgt Ion: 202 Resp: 141582

Ion Ratio Lower Upper

202 100

101 0.0 0.0 0.0

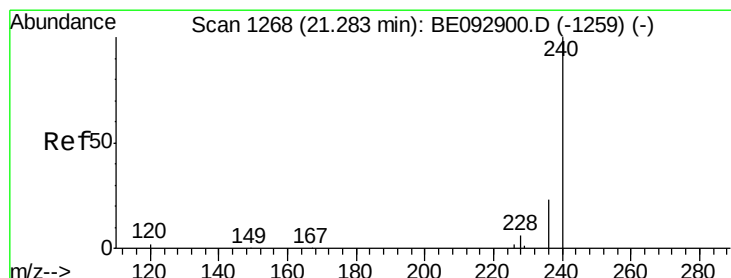
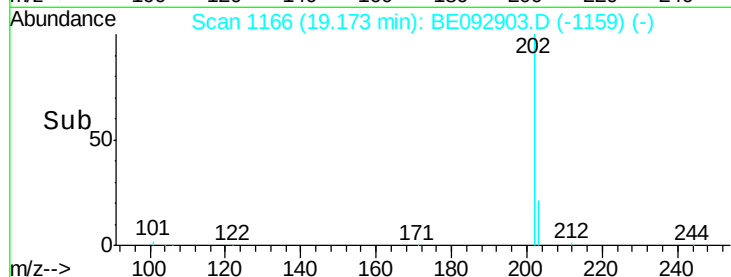
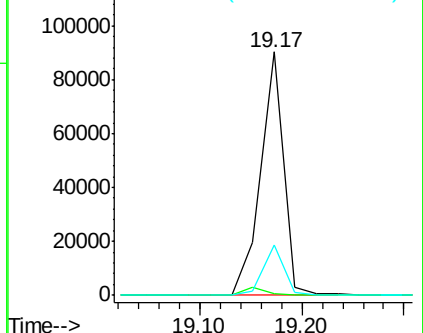
203 18.8 15.3 22.9



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



#26

Chrysene-d12

Concen: 0.40 ng

RT: 21.28 min Scan# 1268

Delta R.T. 0.00 min

Lab File: BE092903.D

Acq: 20 Apr 2017 16:59

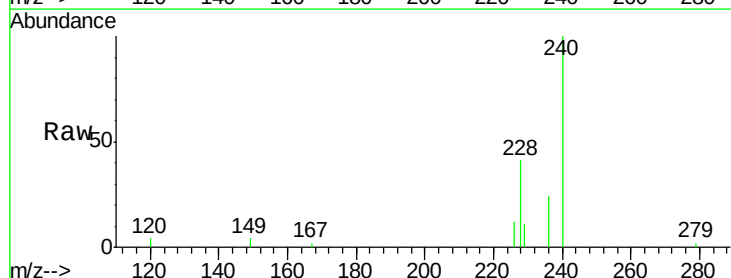
Tgt Ion: 240 Resp: 3725

Ion Ratio Lower Upper

240 100

120 4.2 4.6 6.8#

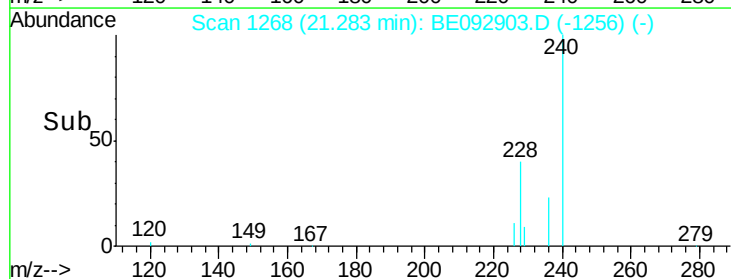
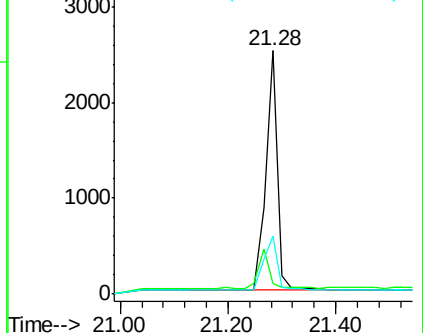
236 23.9 19.8 29.8

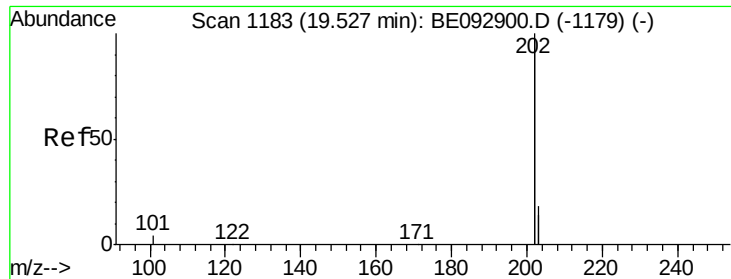


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

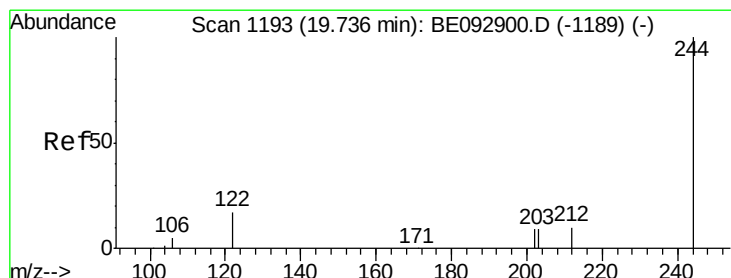
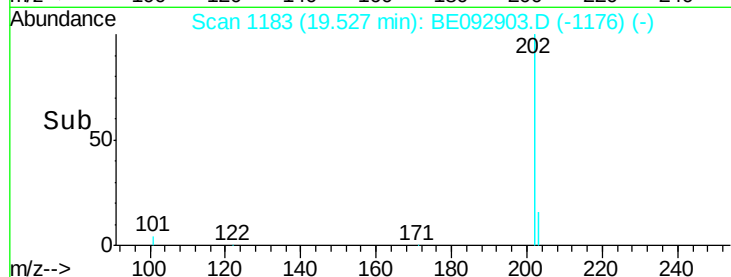
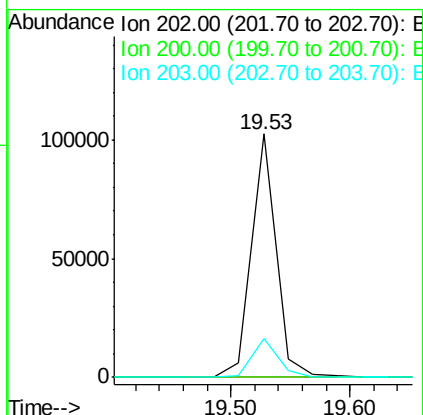
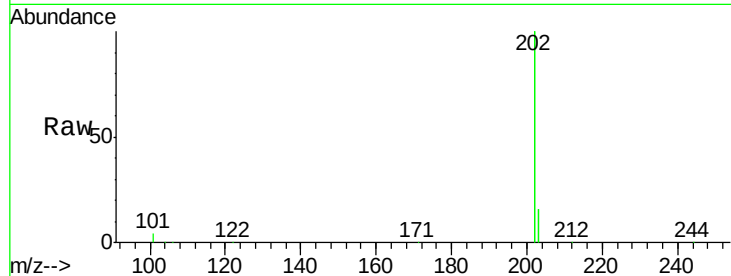




#27
 Pyrene
 Concen: 2.98 ng
 RT: 19.53 min Scan# 1183
 Delta R.T. 0.00 min
 Lab File: BE092903.D
 Acq: 20 Apr 2017 16:59

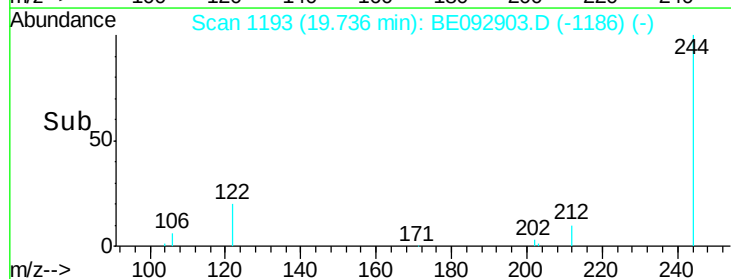
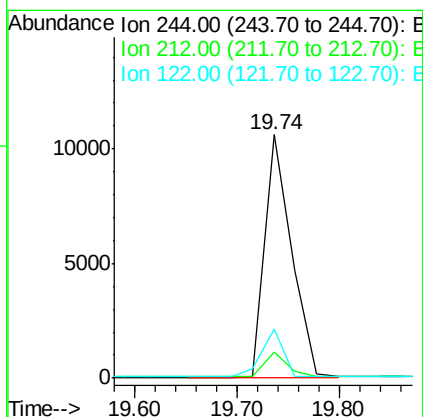
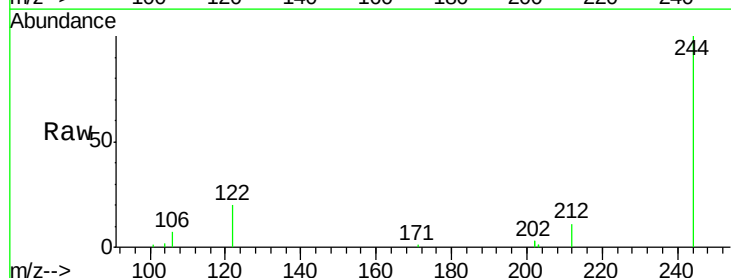
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC3.2

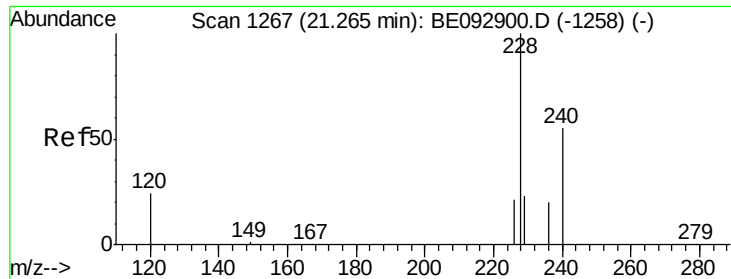
Tgt Ion: 202 Resp: 146498
 Ion Ratio Lower Upper
 202 100
 200 0.0 0.0 0.0
 203 16.9 13.5 20.3



#28
 Terphenyl-d14
 Concen: 2.95 ng
 RT: 19.74 min Scan# 1193
 Delta R.T. 0.00 min
 Lab File: BE092903.D
 Acq: 20 Apr 2017 16:59

Tgt Ion: 244 Resp: 19292
 Ion Ratio Lower Upper
 244 100
 212 10.6 18.4 27.6#
 122 19.9 23.3 34.9#





#29

Benzo(a)anthracene

Concen: 3.49 ng

RT: 21.27 min Scan# 1267

Delta R.T. 0.00 min

Lab File: BE092903.D

Acq: 20 Apr 2017 16:59

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

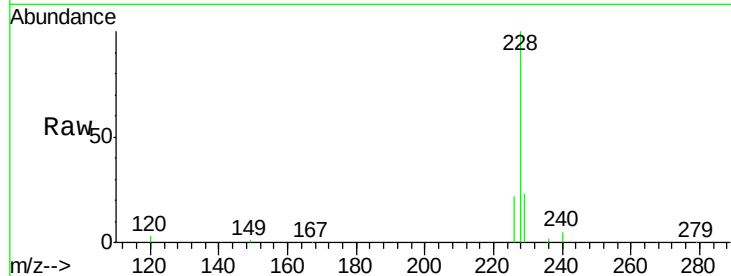
Tgt Ion:228 Resp: 29786

Ion Ratio Lower Upper

228 100

226 22.0 32.0 48.0#

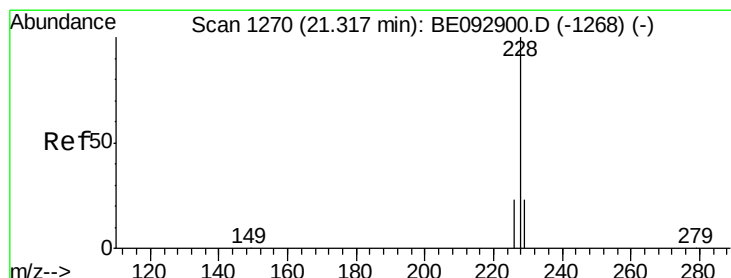
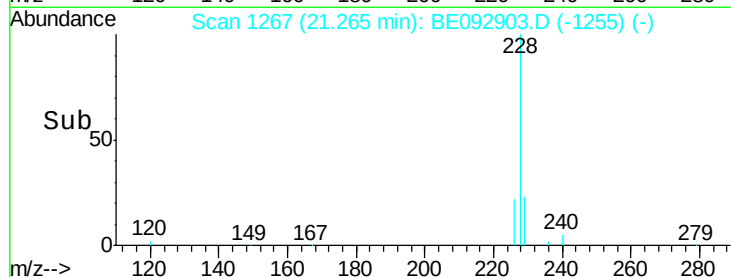
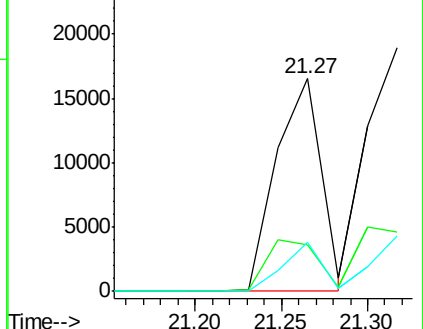
229 23.1 21.4 32.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#30

Chrysene

Concen: 3.09 ng

RT: 21.32 min Scan# 1270

Delta R.T. 0.00 min

Lab File: BE092903.D

Acq: 20 Apr 2017 16:59

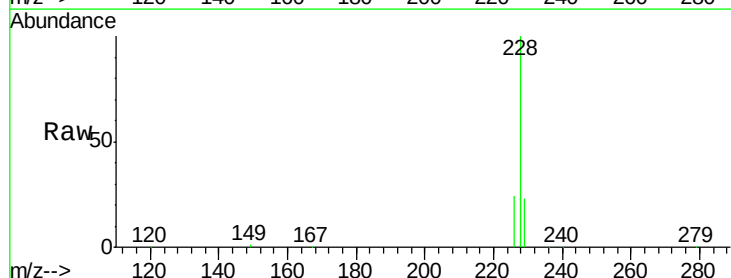
Tgt Ion:228 Resp: 34501

Ion Ratio Lower Upper

228 100

226 24.2 34.2 51.2#

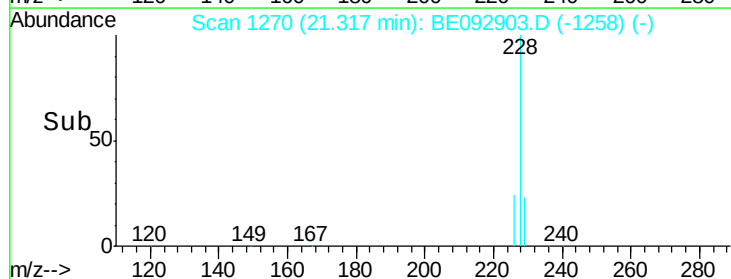
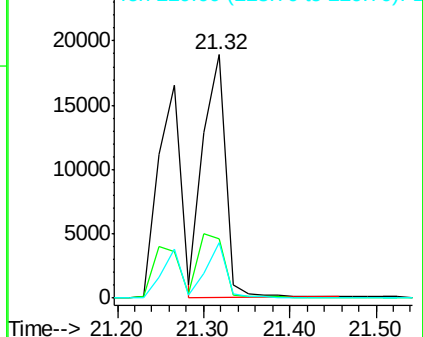
229 22.9 18.6 28.0

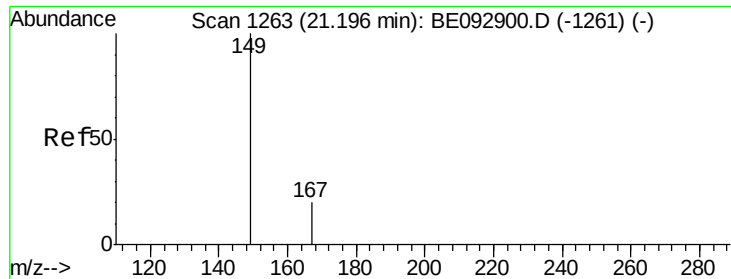


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

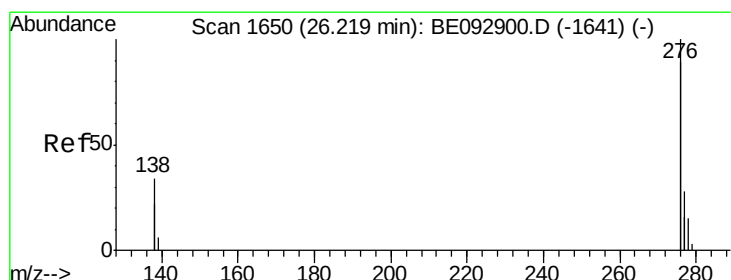
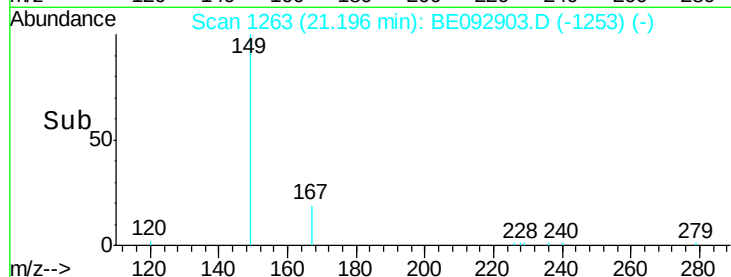
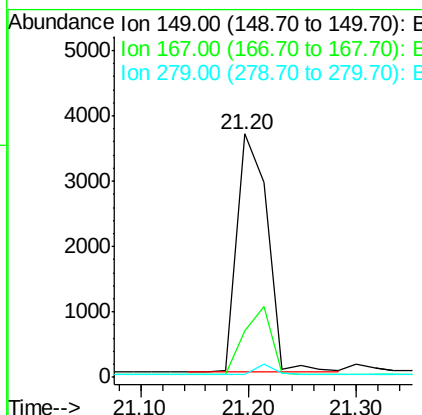
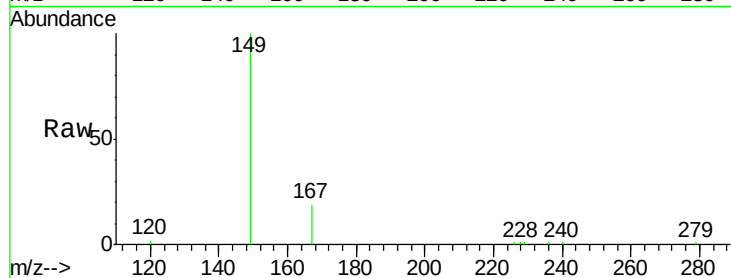




#31
 Bis(2-ethylhexyl)phthalate
 Concen: 3.10 ng
 RT: 21.20 min Scan# 1263
 Delta R.T. 0.00 min
 Lab File: BE092903.D
 Acq: 20 Apr 2017 16:59

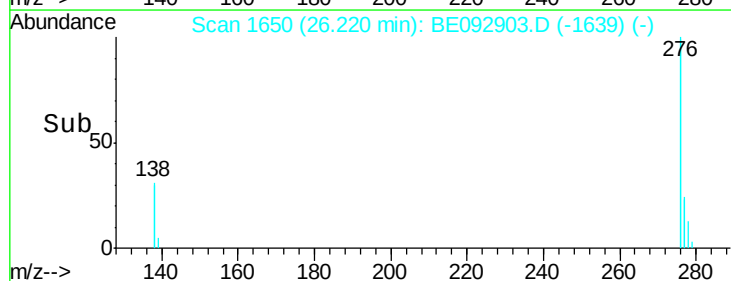
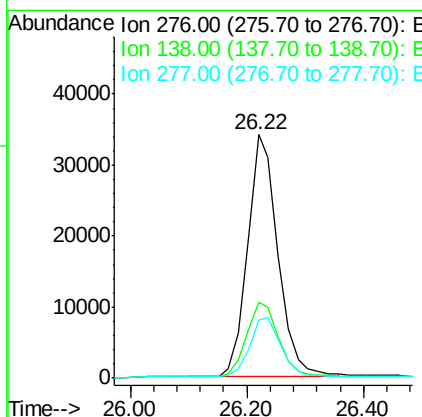
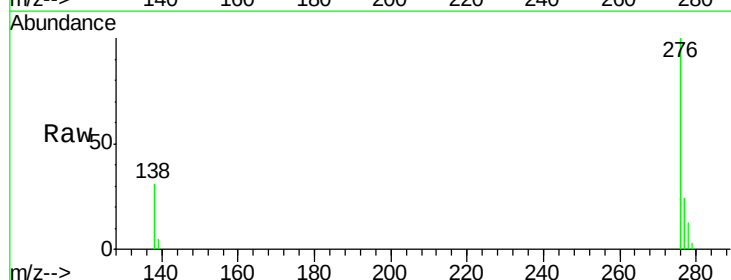
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC3.2

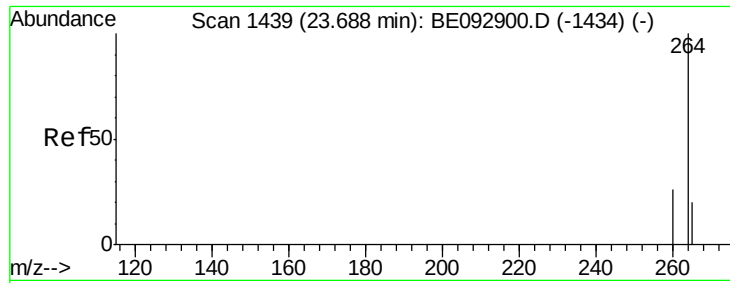
Tgt Ion: 149 Resp: 6987
 Ion Ratio Lower Upper
 149 100
 167 25.6 20.9 31.3
 279 2.6 0.0 0.0#



#32
 Indeno(1,2,3-cd)pyrene
 Concen: 3.44 ng
 RT: 26.22 min Scan# 1650
 Delta R.T. 0.00 min
 Lab File: BE092903.D
 Acq: 20 Apr 2017 16:59

Tgt Ion: 276 Resp: 123666
 Ion Ratio Lower Upper
 276 100
 138 32.4 25.8 38.6
 277 25.1 20.2 30.4

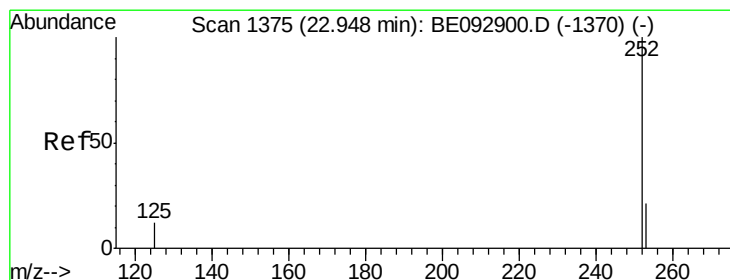
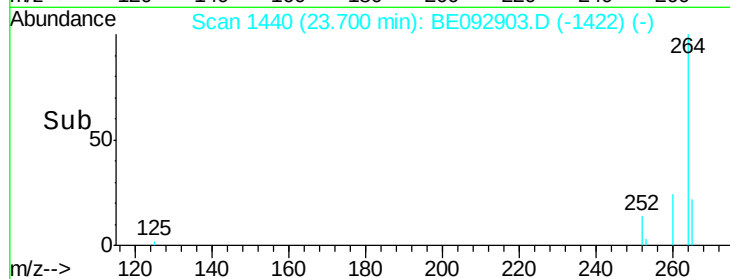
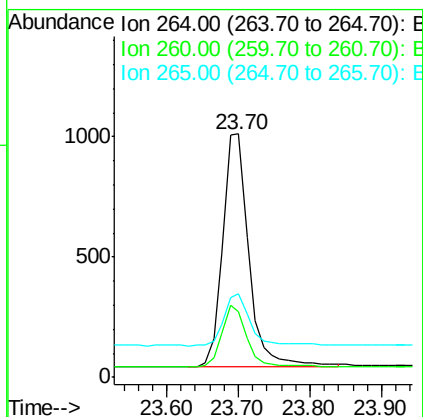
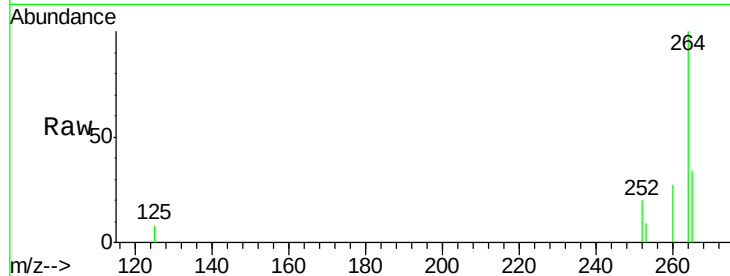




#33
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.70 min Scan# 1440
 Delta R.T. 0.01 min
 Lab File: BE092903.D
 Acq: 20 Apr 2017 16:59

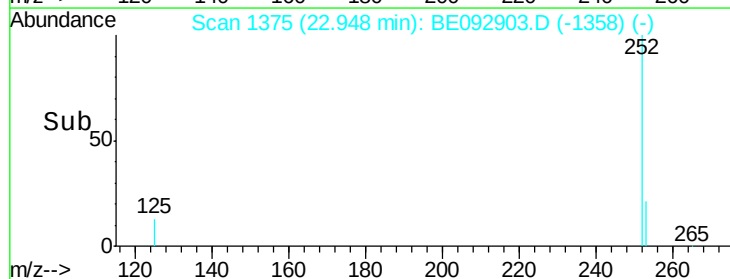
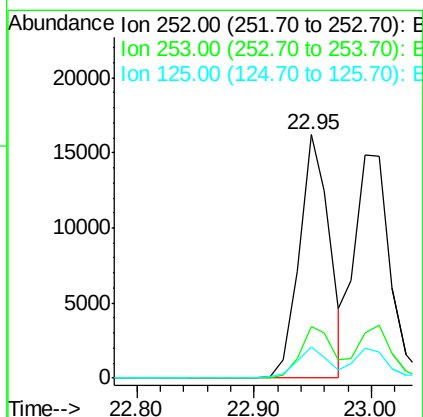
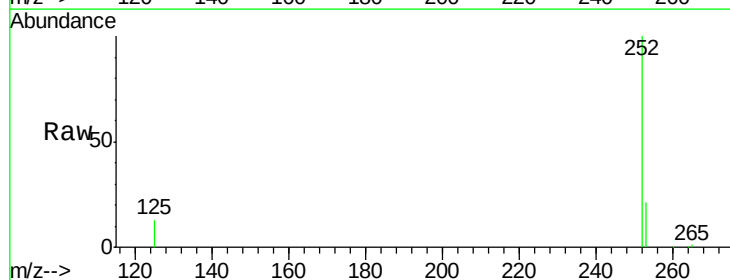
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC3.2

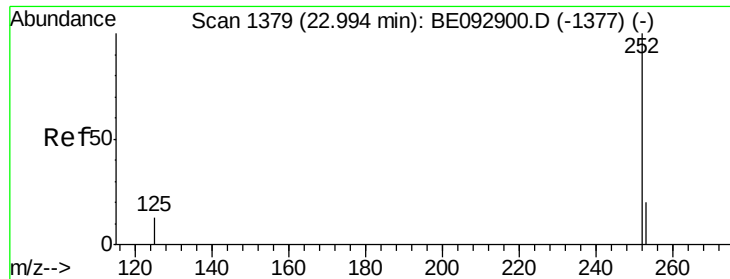
Tgt Ion: 264 Resp: 2463
 Ion Ratio Lower Upper
 264 100
 260 27.2 23.5 35.3
 265 34.4 27.2 40.8



#34
 Benzo(b)fluoranthene
 Concen: 3.36 ng
 RT: 22.95 min Scan# 1375
 Delta R.T. 0.00 min
 Lab File: BE092903.D
 Acq: 20 Apr 2017 16:59

Tgt Ion: 252 Resp: 28754
 Ion Ratio Lower Upper
 252 100
 253 21.3 24.7 37.1#
 125 12.9 20.3 30.5#

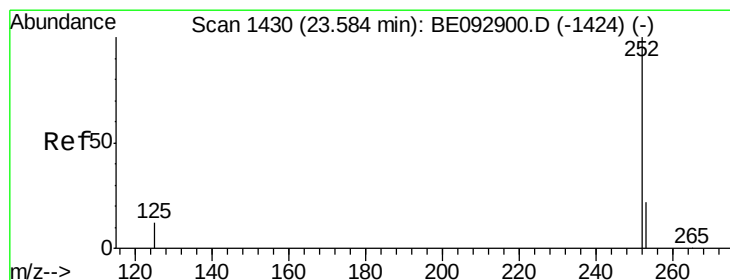
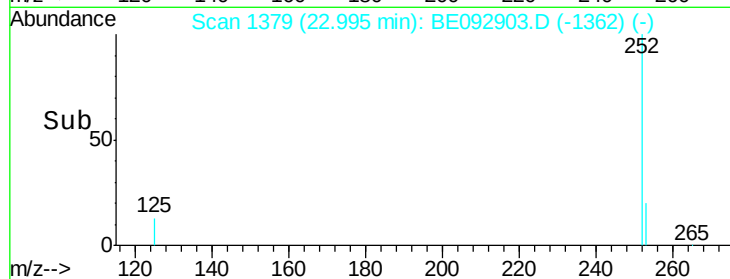
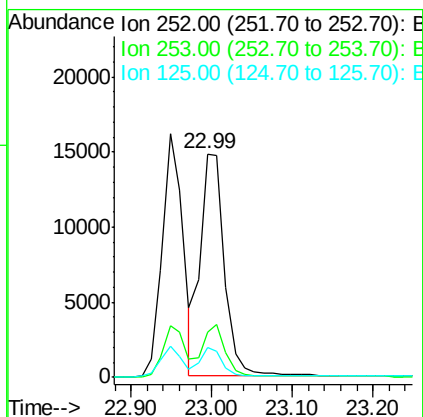
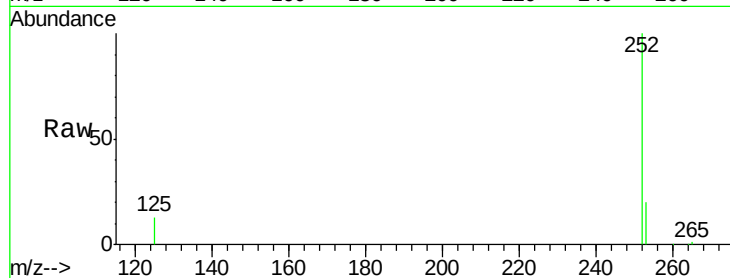




#35
Benzo(k)fluoranthene
Concen: 3.61 ng
RT: 22.99 min Scan# 1379
Delta R.T. 0.00 min
Lab File: BE092903.D
Acq: 20 Apr 2017 16:59

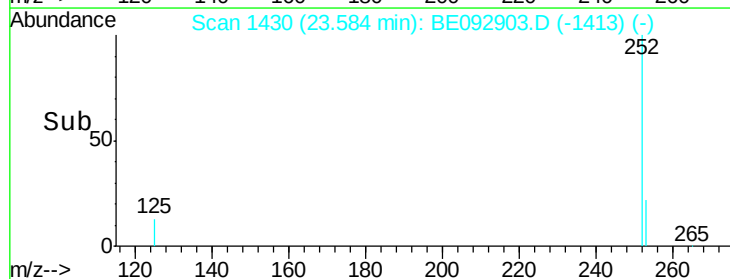
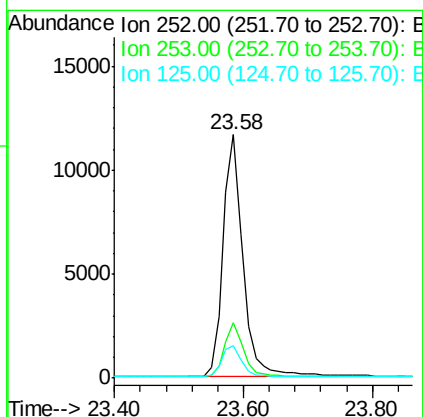
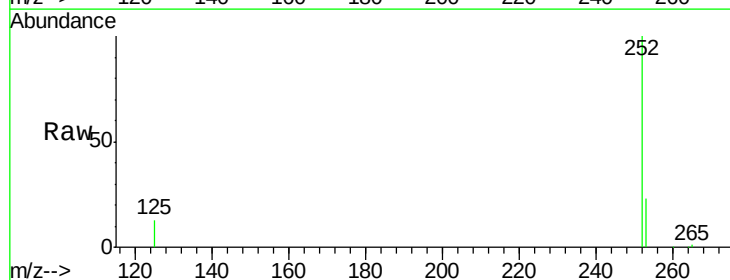
Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

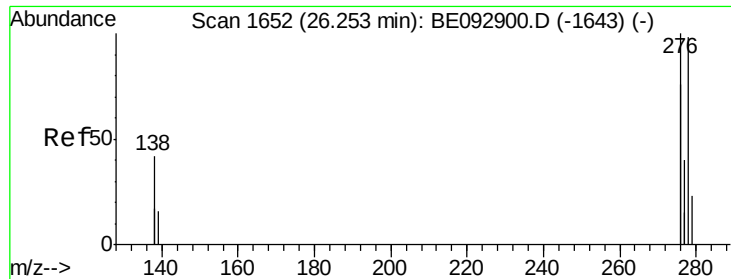
Tgt Ion: 252 Resp: 31047
Ion Ratio Lower Upper
252 100
253 20.4 25.8 38.8#
125 13.4 22.9 34.3#



#36
Benzo(a)pyrene
Concen: 3.69 ng
RT: 23.58 min Scan# 1430
Delta R.T. 0.00 min
Lab File: BE092903.D
Acq: 20 Apr 2017 16:59

Tgt Ion: 252 Resp: 25126
Ion Ratio Lower Upper
252 100
253 22.8 31.3 46.9#
125 13.5 26.4 39.6#





#37

Dibenzo(a,h)anthracene

Concen: 3.77 ng

RT: 26.25 min Scan# 1652

Delta R.T. 0.00 min

Lab File: BE092903.D

Acq: 20 Apr 2017 16:59

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

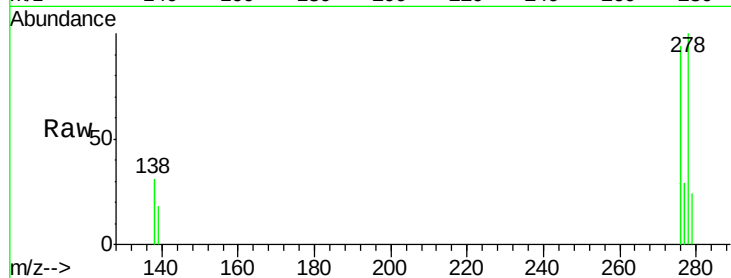
Tgt Ion: 278 Resp: 28514

Ion Ratio Lower Upper

278 100

139 18.0 27.4 41.2#

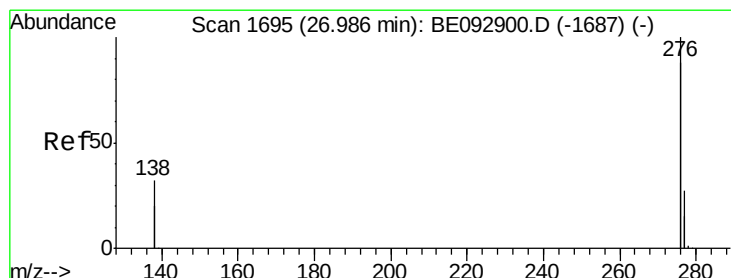
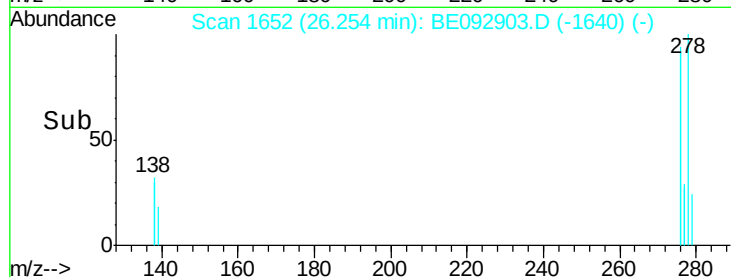
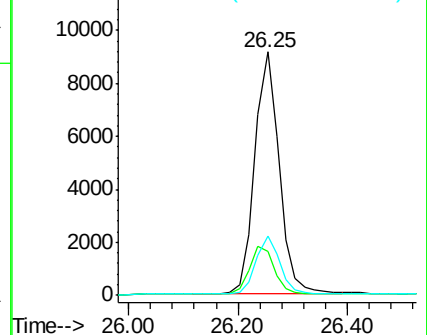
279 24.4 33.3 49.9#



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#38

Benzo(g,h,i)perylene

Concen: 3.47 ng

RT: 27.00 min Scan# 1696

Delta R.T. 0.02 min

Lab File: BE092903.D

Acq: 20 Apr 2017 16:59

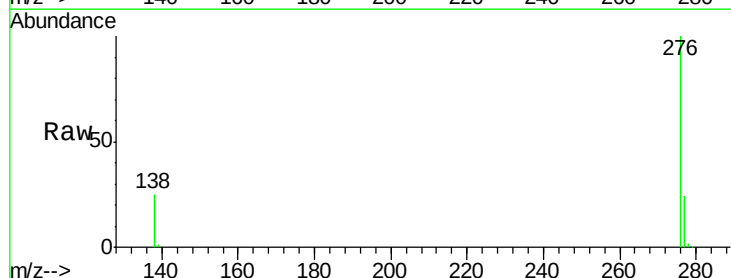
Tgt Ion: 276 Resp: 115479

Ion Ratio Lower Upper

276 100

277 24.0 29.9 44.9#

138 25.3 34.6 51.8#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

