

Data File : BE092752.D
Acq On : 20 Feb 2017 17:51
Operator : SJ/MA
Sample : I1899-02MSD 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SS050SS218(0-6)-170216

Quant Time: Feb 21 00:30:12 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE021517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 15 17:05:20 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	12735	5.00	ng	-0.02
7) Naphthalene-d8	10.88	136	61167	5.00	ng	-0.02
12) Acenaphthene-d10	14.76	164	38109	5.00	ng	0.00
18) Phenanthrene-d10	17.51	188	82502	5.00	ng	0.00
24) Chrysene-d12	21.70	240	71227	5.00	ng	0.00
31) Perylene-d12	24.03	264	79072	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.61	112	7074	2.86	ng	-0.02
5) Phenol-d6	7.29	99	9625	3.17	ng	-0.02
8) Nitrobenzene-d5	9.27	82	4562	1.17	ng	-0.05
13) 2,4,6-Tribromophenol	16.25	330	2477	3.06	ng	-0.03
14) 2-Fluorobiphenyl	13.38	172	9898	1.07	ng	-0.02
26) Terphenyl-d14	20.12	244	12118	1.33	ng	-0.02

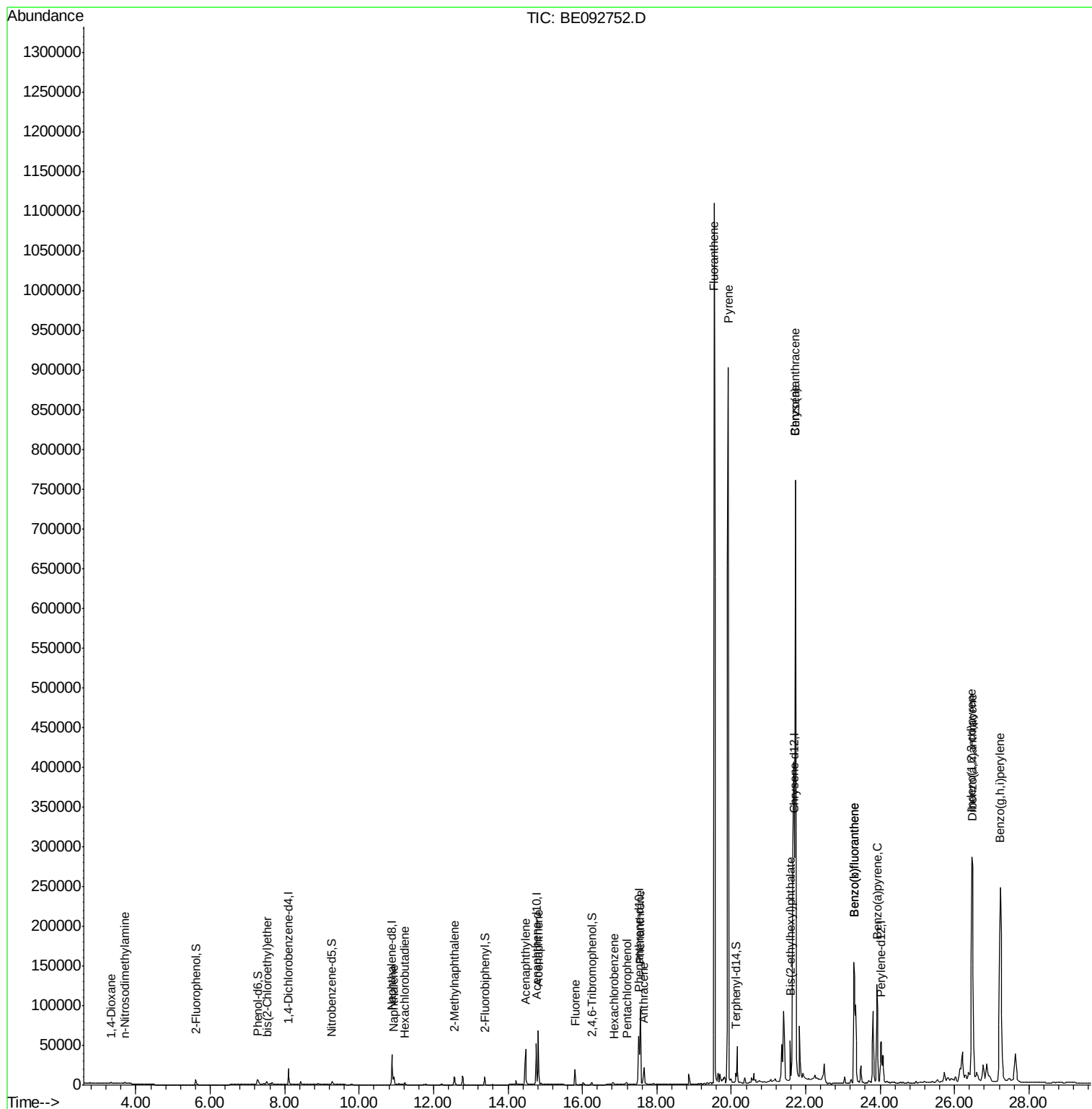
Target Compounds						Qvalue
2) 1,4-Dioxane	3.34	88	1193	0.71	ng	# 67
3) n-Nitrosodimethylamine	3.70	42	2093	1.06	ng	# 98
6) bis(2-Chloroethyl)ether	7.52	93	3994	1.19	ng	90
9) Naphthalene	10.93	128	14919	1.13	ng	95
10) Hexachlorobutadiene	11.22	225	1948	1.00	ng	99
11) 2-Methylnaphthalene	12.56	142	9099	1.09	ng	97
15) Acenaphthylene	14.47	152	75021	1.30	ng	100
16) Acenaphthene	14.82	154	12669	1.52	ng	94
17) Fluorene	15.81	166	14694	1.37	ng	100
19) Hexachlorobenzene	16.84	284	2785	0.87	ng	# 39
20) Pentachlorophenol	17.19	266	2453	2.79	ng	# 89
21) Phenanthrene	17.56	178	134643	6.87	ng	95
22) Anthracene	17.65	178	34374	1.90	ng	98
23) Fluoranthene	19.54	202	1492420	17.75	ng	98
25) Pyrene	19.92	202	1320863	19.48	ng	94
27) Benzo(a)anthracene	21.72	228	1536051	22.24	ng	# 85
28) Chrysene	21.72	228	1536051	18.75	ng	# 66
29) Bis(2-ethylhexyl)phthalate	21.59	149	58826	6.15	ng	# 73
30) Indeno(1,2,3-cd)pyrene	26.46	276	600827	7.05	ng	98
32) Benzo(b)fluoranthene	23.30	252	391964	18.77	ng	97
33) Benzo(k)fluoranthene	23.30	252	391964	17.72	ng	96
34) Benzo(a)pyrene	23.91	252	190796	9.39	ng	97
35) Dibenzo(a,h)anthracene	26.48	278	45507	2.28	ng	95
36) Benzo(g,h,i)perylene	27.23	276	575865	6.95	ng	98

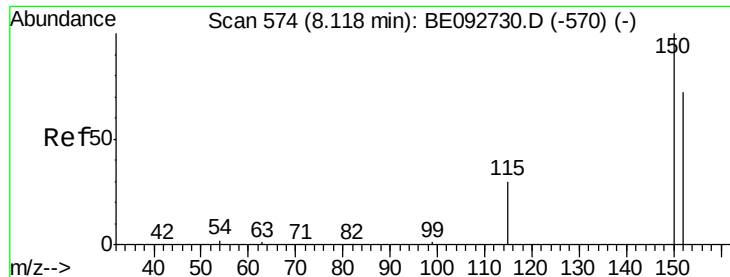
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : BE092752.D
Acq On : 20 Feb 2017 17:51
Operator : SJ/MA
Sample : I1899-02MSD 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SS050SS218(0-6)-170216

Quant Time: Feb 21 00:30:12 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE021517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 15 17:05:20 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.10 min Scan# 573

Delta R.T. -0.02 min

Lab File: BE092752.D

Acq: 20 Feb 2017 17:51

Instrument :

BNA_E

ClientSampleId :

SS050SS218(0-6)-170216

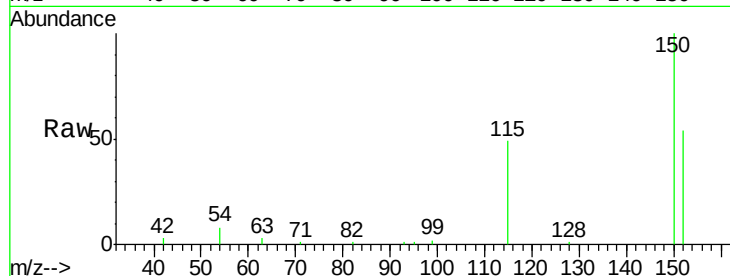
Tgt Ion: 152 Resp: 12735

Ion Ratio Lower Upper

152 100

150 185.9 106.0 159.0#

115 91.6 31.2 46.8#

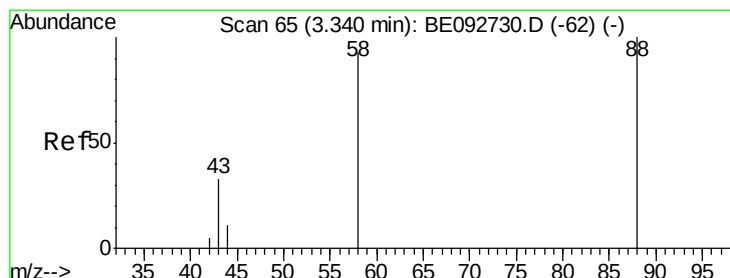
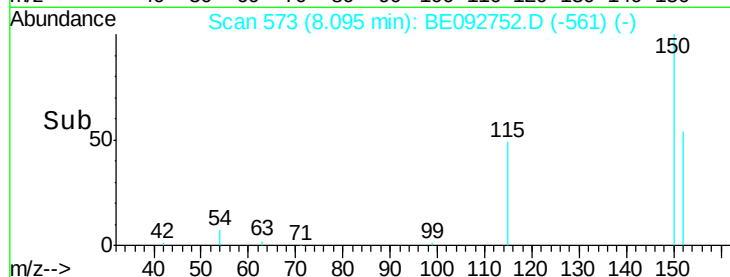
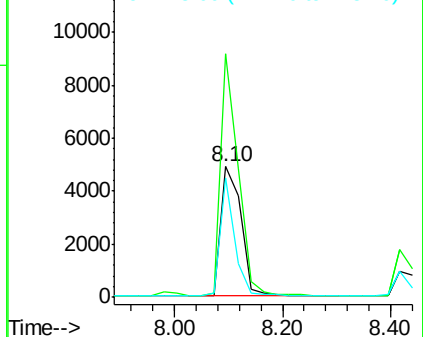


Abundance

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



#2

1,4-Dioxane

Concen: 0.71 ng

RT: 3.34 min Scan# 65

Delta R.T. 0.00 min

Lab File: BE092752.D

Acq: 20 Feb 2017 17:51

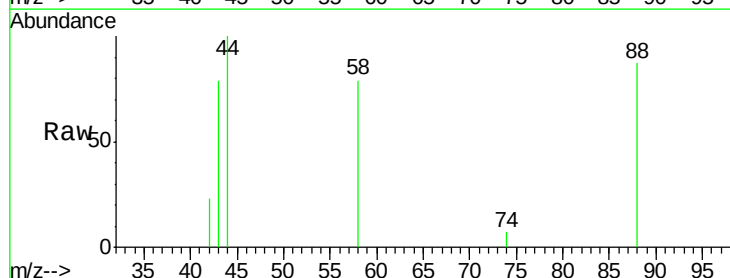
Tgt Ion: 88 Resp: 1193

Ion Ratio Lower Upper

88 100

58 87.0 63.6 95.4

43 87.1 28.0 42.0#

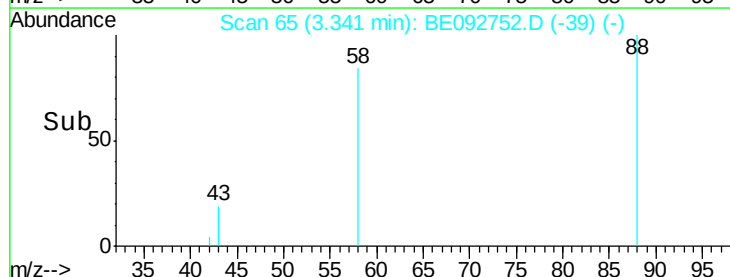
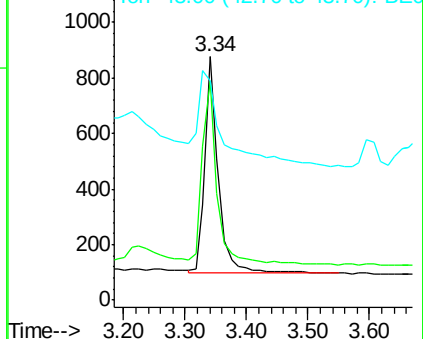


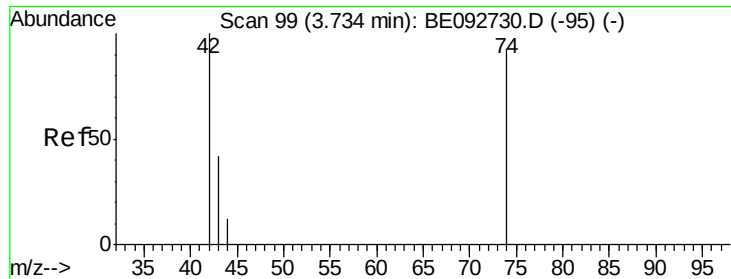
Abundance

Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 1.06 ng

RT: 3.70 min Scan# 96

Delta R.T. -0.03 min

Lab File: BE092752.D

Acq: 20 Feb 2017 17:51

Instrument :

BNA_E

ClientSampleId :

SS050SS218(0-6)-170216

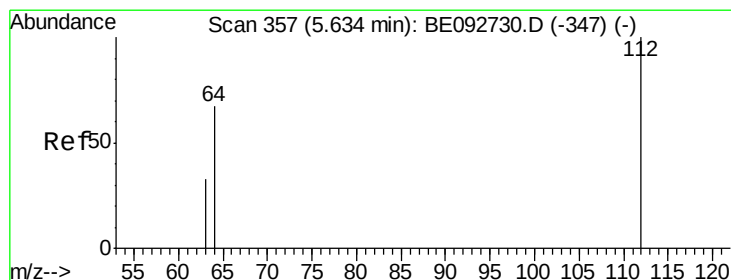
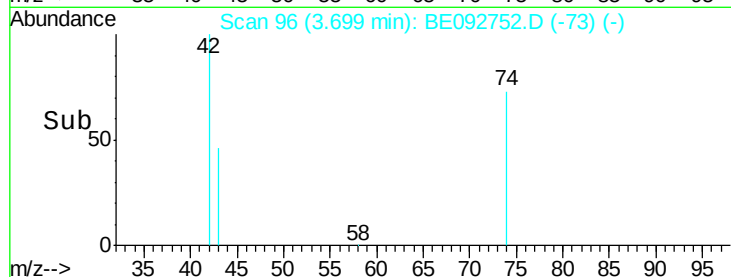
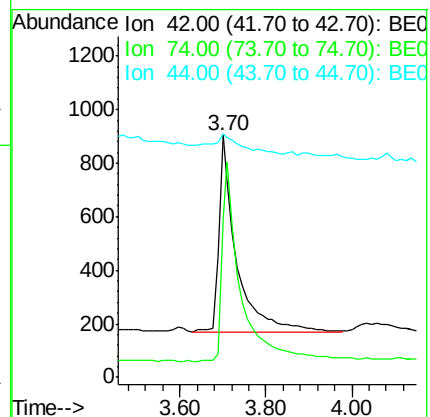
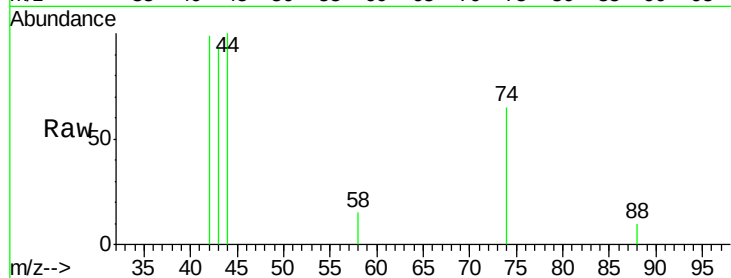
Tgt Ion: 42 Resp: 2093

Ion Ratio Lower Upper

42 100

74 108.0 86.0 129.0

44 14.2 5.1 7.7#



#4

2-Fluorophenol

Concen: 2.86 ng

RT: 5.61 min Scan# 353

Delta R.T. -0.02 min

Lab File: BE092752.D

Acq: 20 Feb 2017 17:51

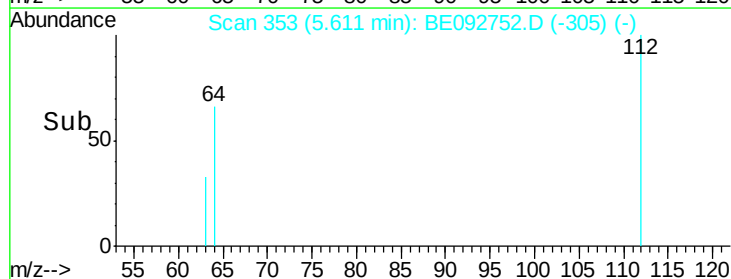
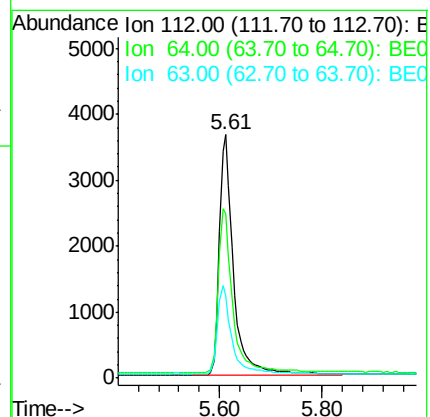
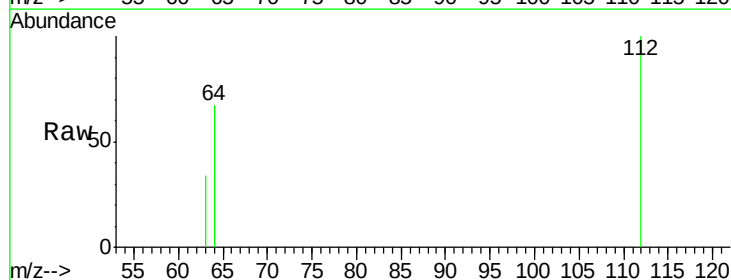
Tgt Ion: 112 Resp: 7074

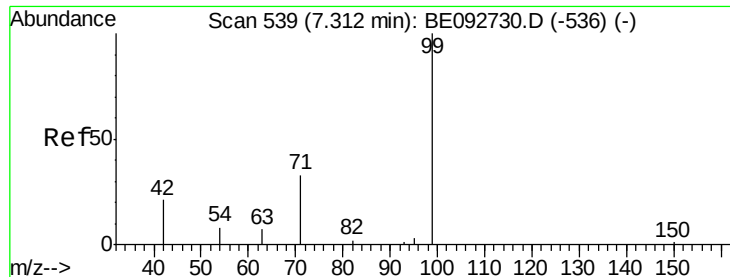
Ion Ratio Lower Upper

112 100

64 68.7 53.5 80.3

63 37.2 27.9 41.9





#5

Phenol-d6

Concen: 3.17 ng

RT: 7.29 min Scan# 538

Delta R.T. -0.02 min

Lab File: BE092752.D

Acq: 20 Feb 2017 17:51

Instrument :

BNA_E

ClientSampleId :

SS050SS218(0-6)-170216

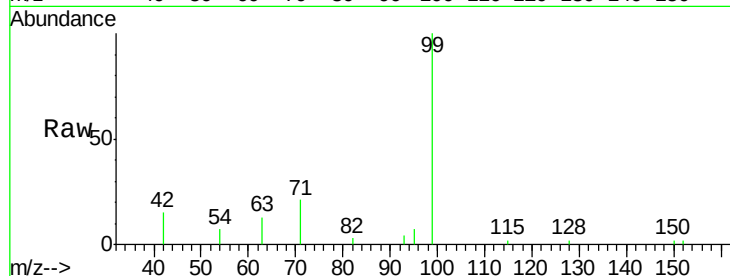
Tgt Ion: 99 Resp: 9625

Ion Ratio Lower Upper

99 100

42 0.0 16.0 24.0#

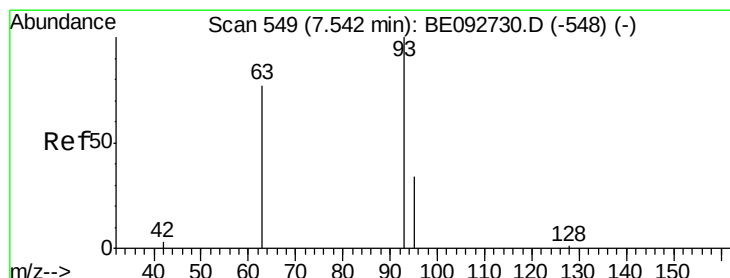
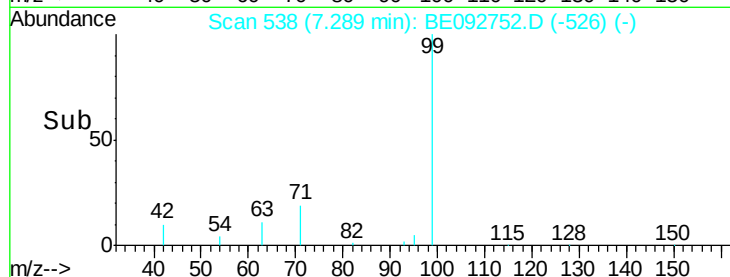
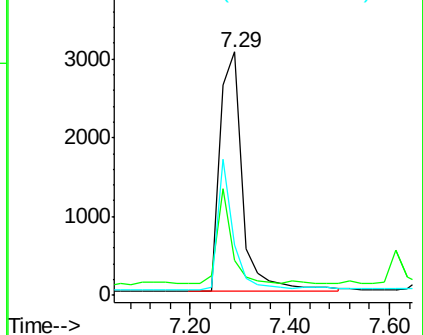
71 0.0 30.6 45.8#



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: 1.19 ng

RT: 7.52 min Scan# 548

Delta R.T. -0.02 min

Lab File: BE092752.D

Acq: 20 Feb 2017 17:51

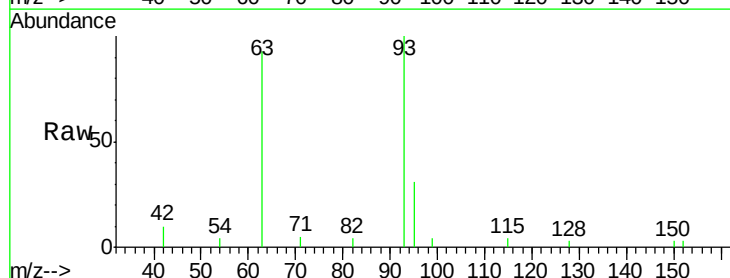
Tgt Ion: 93 Resp: 3994

Ion Ratio Lower Upper

93 100

63 77.5 71.6 107.4

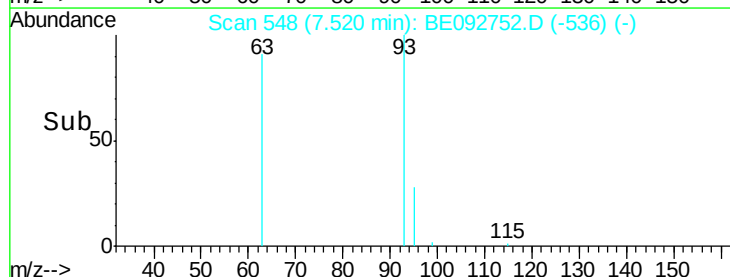
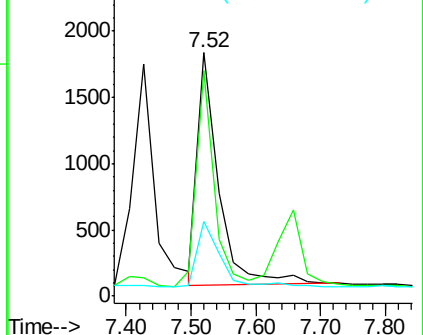
95 30.9 24.0 36.0

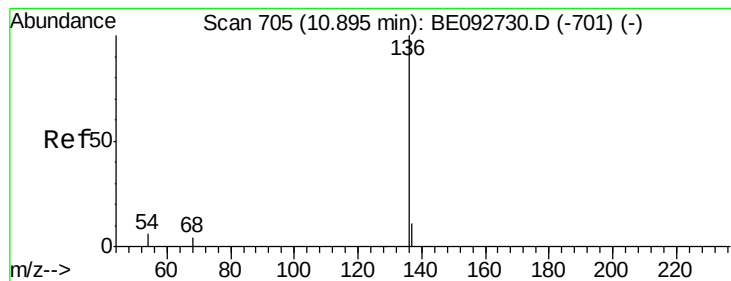


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.88 min Scan# 704

Delta R.T. -0.02 min

Lab File: BE092752.D

Acq: 20 Feb 2017 17:51

Instrument :

BNA_E

ClientSampleId :

SS050SS218(0-6)-170216

Tgt Ion:136 Resp: 61167

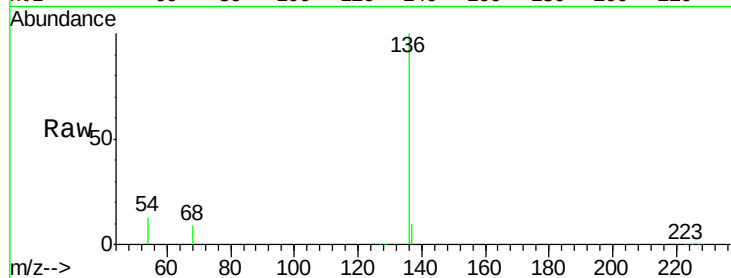
Ion Ratio Lower Upper

136 100

137 10.0 8.2 12.4

54 13.3 9.6 14.4

68 9.0 6.7 10.1

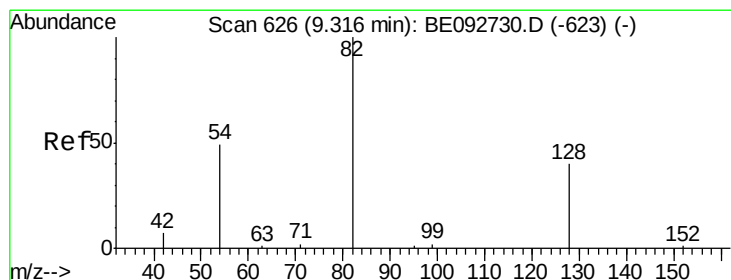
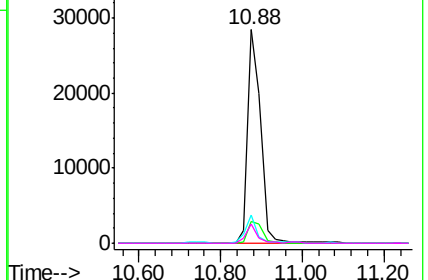
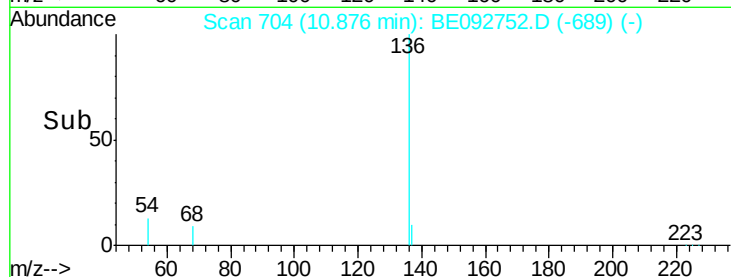


Abundance Ion 136.00 (135.70 to 136.70): E

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: 1.17 ng

RT: 9.27 min Scan# 624

Delta R.T. -0.05 min

Lab File: BE092752.D

Acq: 20 Feb 2017 17:51

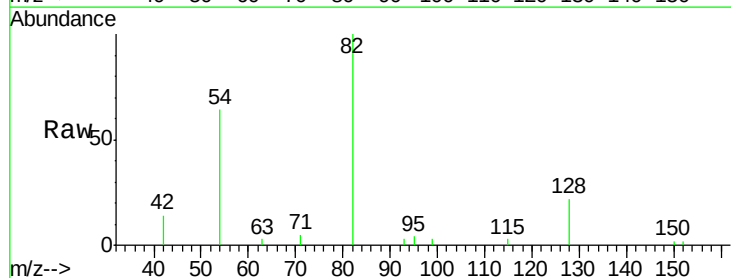
Tgt Ion: 82 Resp: 4562

Ion Ratio Lower Upper

82 100

128 22.0 39.0 58.4#

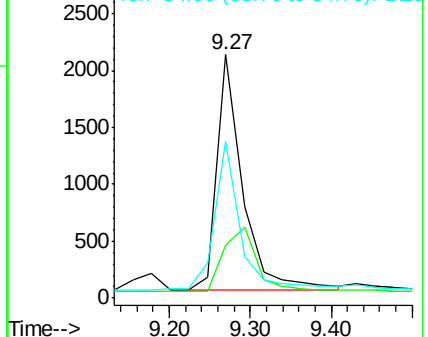
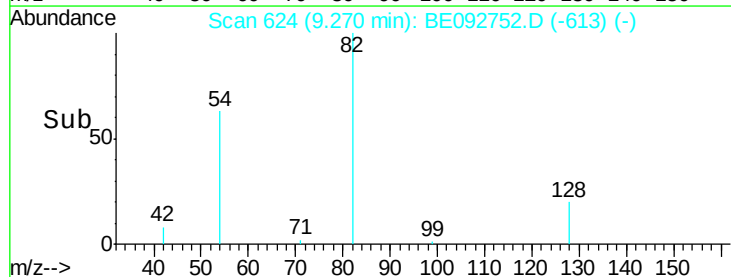
54 64.4 44.8 67.2

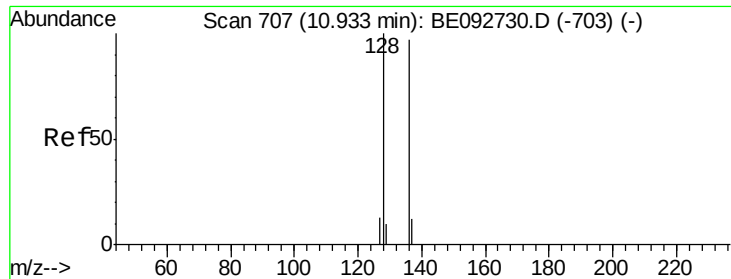


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 1.13 ng

RT: 10.93 min Scan# 707

Delta R.T. 0.00 min

Lab File: BE092752.D

Acq: 20 Feb 2017 17:51

Instrument :

BNA_E

ClientSampleId :

SS050SS218(0-6)-170216

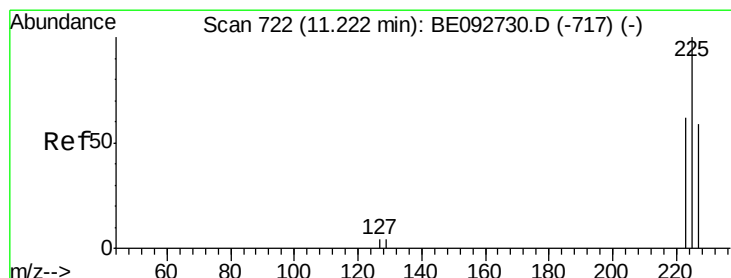
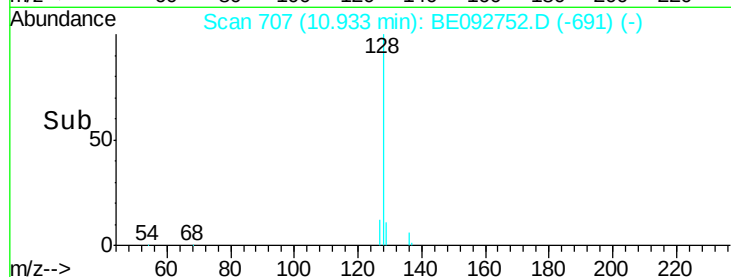
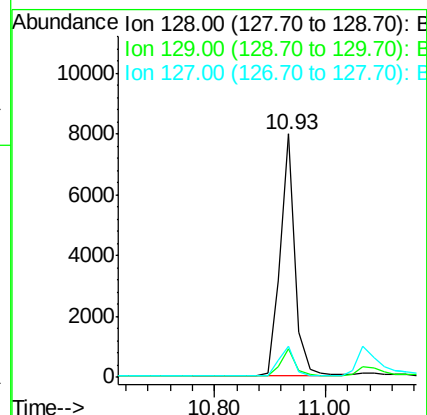
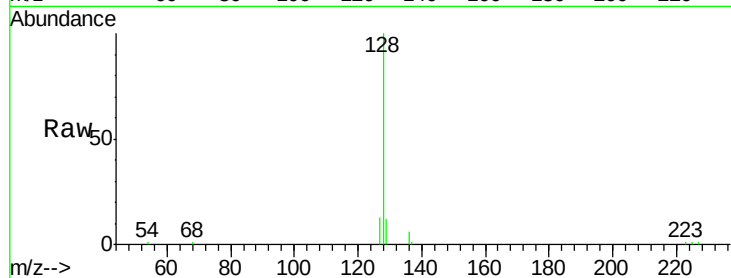
Tgt Ion:128 Resp: 14919

Ion Ratio Lower Upper

128 100

129 11.8 11.2 16.8

127 12.6 11.6 17.4



#10

Hexachlorobutadiene

Concen: 1.00 ng

RT: 11.22 min Scan# 722

Delta R.T. 0.00 min

Lab File: BE092752.D

Acq: 20 Feb 2017 17:51

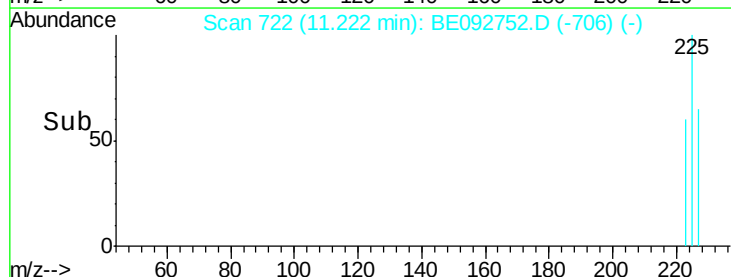
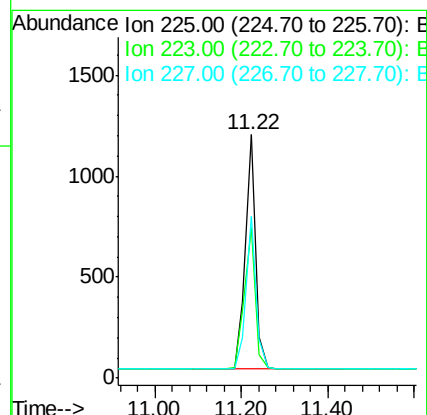
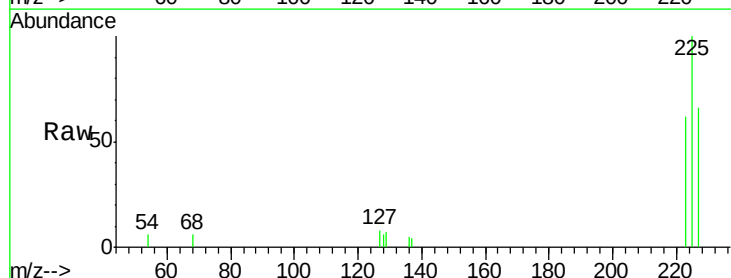
Tgt Ion:225 Resp: 1948

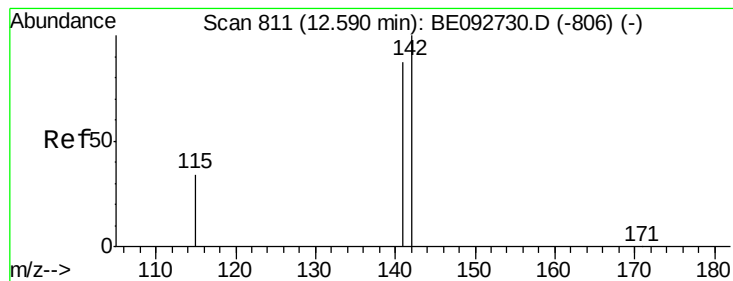
Ion Ratio Lower Upper

225 100

223 63.8 50.6 76.0

227 63.7 51.4 77.0





#11

2-Methylnaphthalene

Concen: 1.09 ng

RT: 12.56 min Scan# 808

Delta R.T. -0.03 min

Lab File: BE092752.D

Acq: 20 Feb 2017 17:51

Instrument :

BNA_E

ClientSampleId :

SS050SS218(0-6)-170216

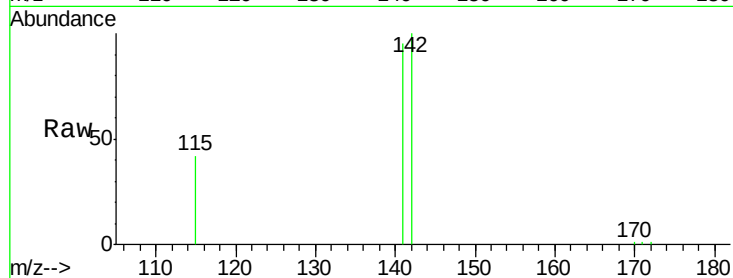
Tgt Ion:142 Resp: 9099

Ion Ratio Lower Upper

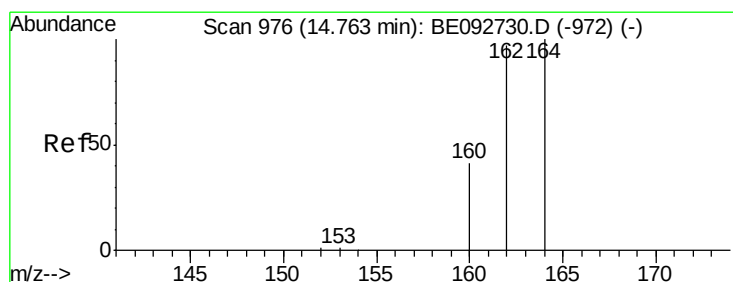
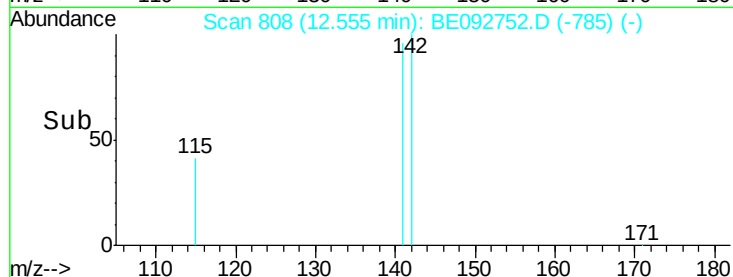
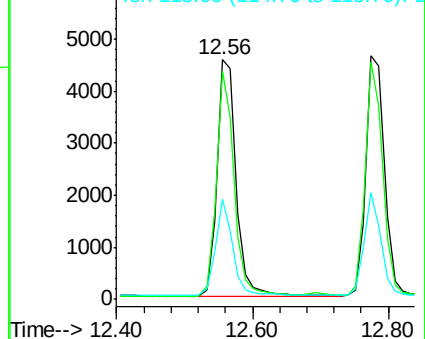
142 100

141 95.4 73.7 110.5

115 41.8 34.0 51.0



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



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.76 min Scan# 977

Delta R.T. 0.00 min

Lab File: BE092752.D

Acq: 20 Feb 2017 17:51

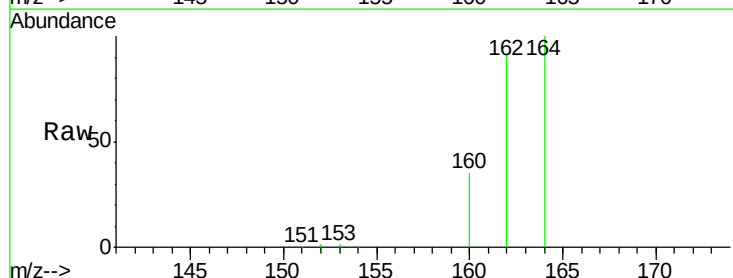
Tgt Ion:164 Resp: 38109

Ion Ratio Lower Upper

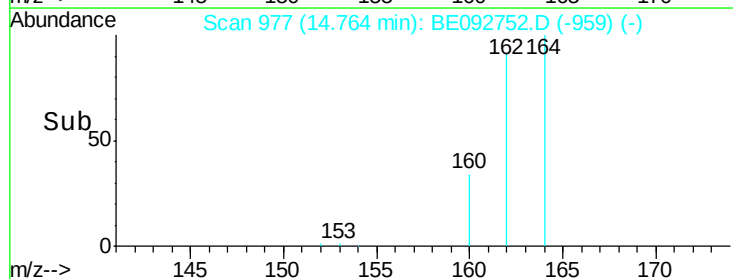
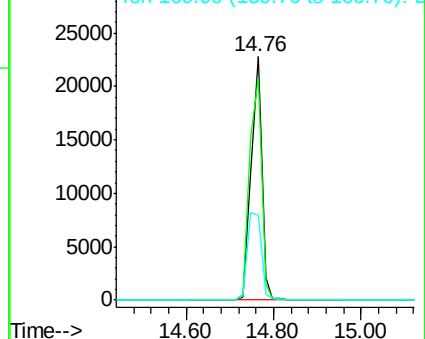
164 100

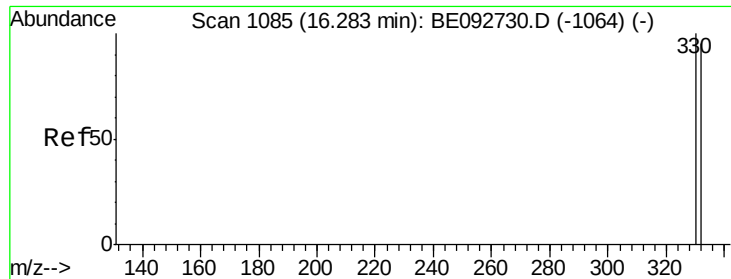
162 91.0 71.4 107.0

160 34.7 27.4 41.2



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

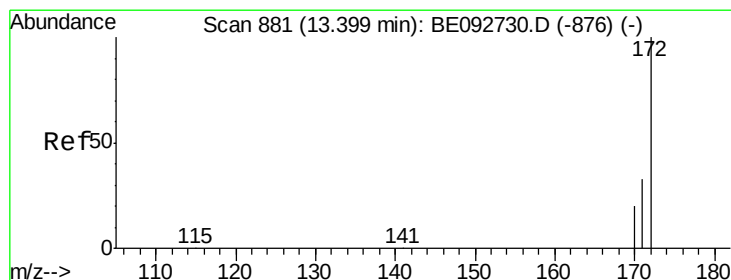
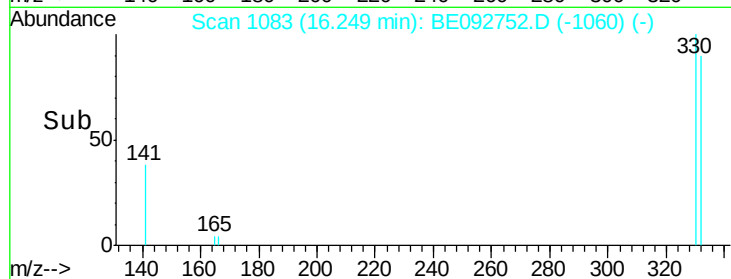
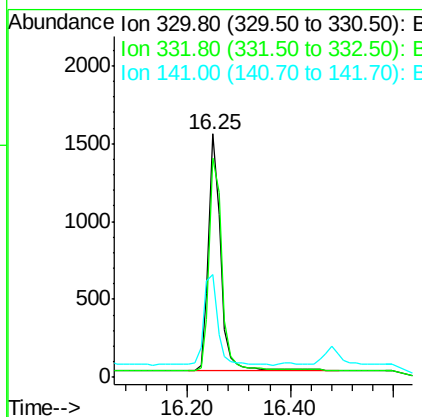
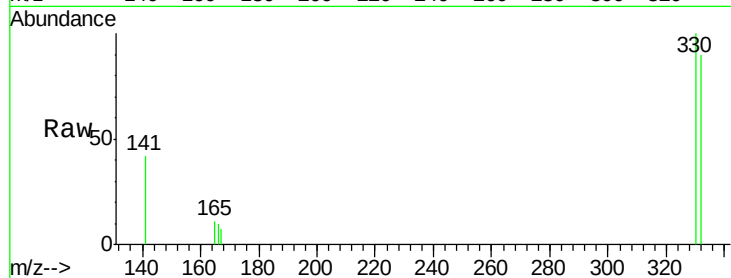




#13
 2,4,6-Tribromophenol
 Concen: 3.06 ng
 RT: 16.25 min Scan# 1083
 Delta R.T. -0.03 min
 Lab File: BE092752.D
 Acq: 20 Feb 2017 17:51

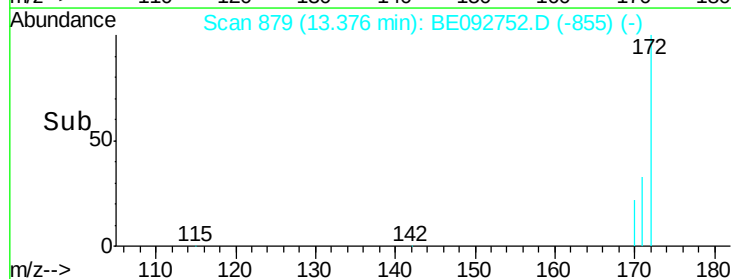
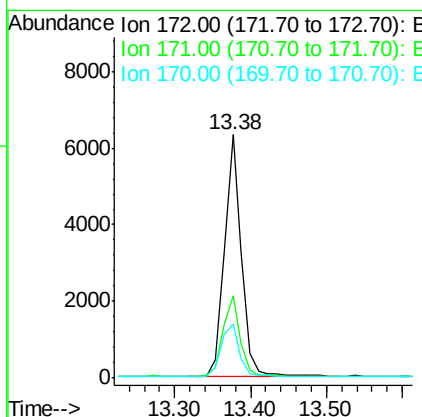
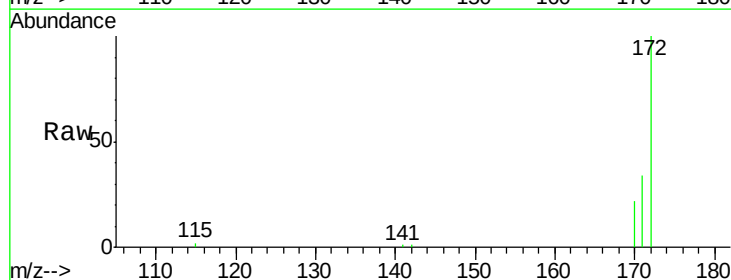
Instrument :
 BNA_E
 ClientSampleId :
 SS050SS218(0-6)-170216

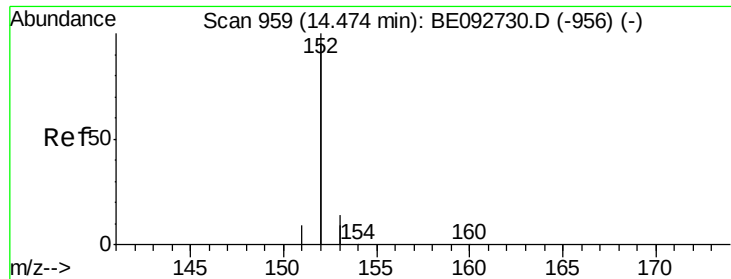
Tgt Ion: 330 Resp: 2477
 Ion Ratio Lower Upper
 330 100
 332 97.0 75.4 113.0
 141 44.0 31.0 46.6



#14
 2-Fluorobiphenyl
 Concen: 1.07 ng
 RT: 13.38 min Scan# 879
 Delta R.T. -0.02 min
 Lab File: BE092752.D
 Acq: 20 Feb 2017 17:51

Tgt Ion: 172 Resp: 9898
 Ion Ratio Lower Upper
 172 100
 171 33.8 30.1 45.1
 170 22.2 21.8 32.6





#15

Acenaphthylene

Concen: 1.30 ng

RT: 14.47 min Scan# 960

Delta R.T. 0.00 min

Lab File: BE092752.D

Acq: 20 Feb 2017 17:51

Instrument :

BNA_E

ClientSampleId :

SS050SS218(0-6)-170216

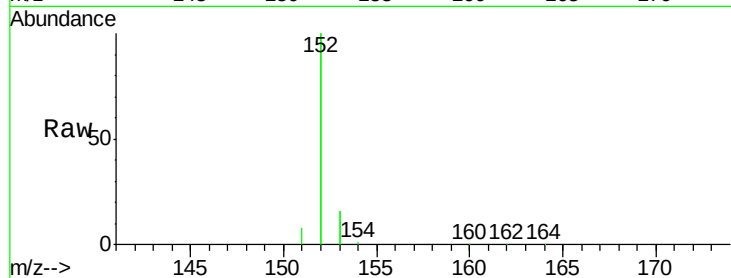
Tgt Ion:152 Resp: 75021

Ion Ratio Lower Upper

152 100

151 4.8 3.9 5.9

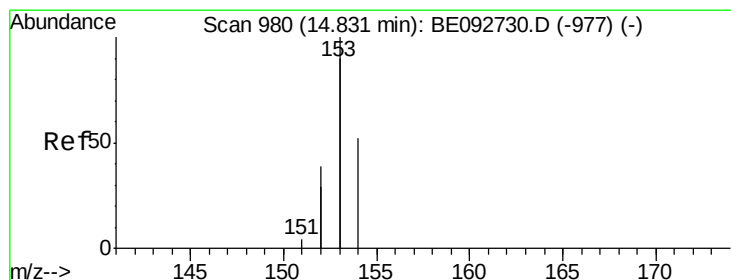
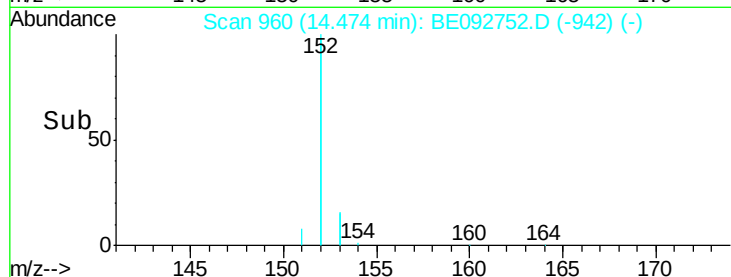
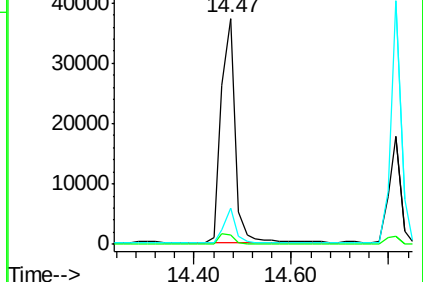
153 13.1 10.4 15.6



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



#16

Acenaphthene

Concen: 1.52 ng

RT: 14.82 min Scan# 980

Delta R.T. -0.02 min

Lab File: BE092752.D

Acq: 20 Feb 2017 17:51

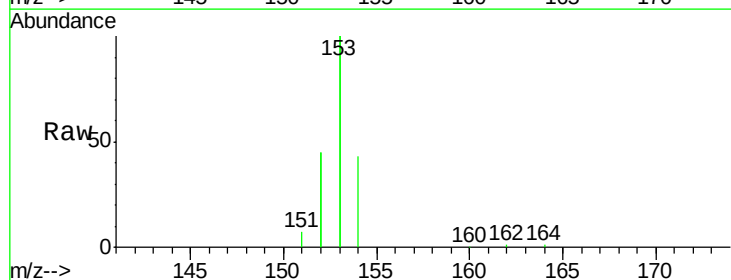
Tgt Ion:154 Resp: 12669

Ion Ratio Lower Upper

154 100

153 455.5 350.8 526.2

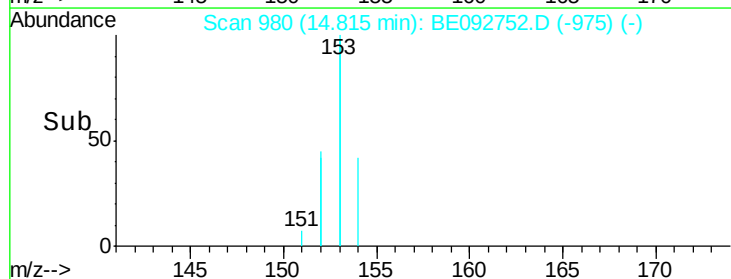
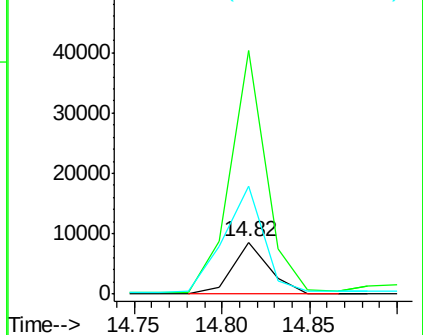
152 221.6 171.1 256.7

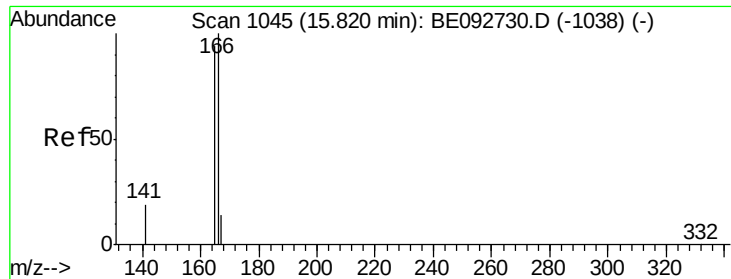


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#17

Fluorene

Concen: 1.37 ng

RT: 15.81 min Scan# 1045

Delta R.T. -0.01 min

Lab File: BE092752.D

Acq: 20 Feb 2017 17:51

Instrument :

BNA_E

ClientSampleId :

SS050SS218(0-6)-170216

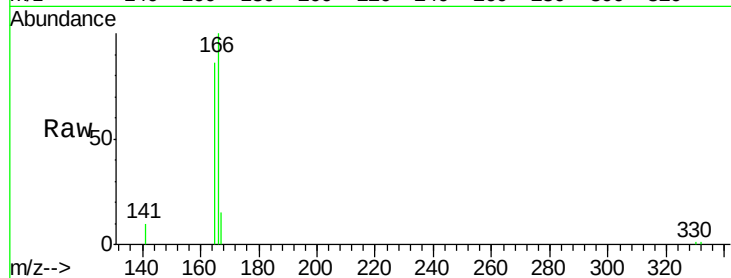
Tgt Ion:166 Resp: 14694

Ion Ratio Lower Upper

166 100

165 98.2 78.2 117.4

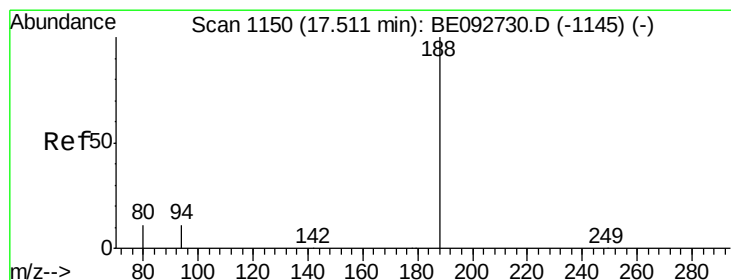
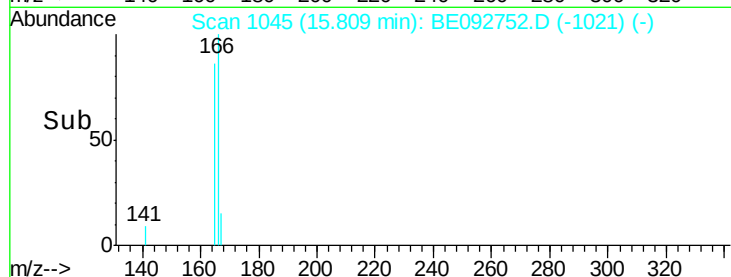
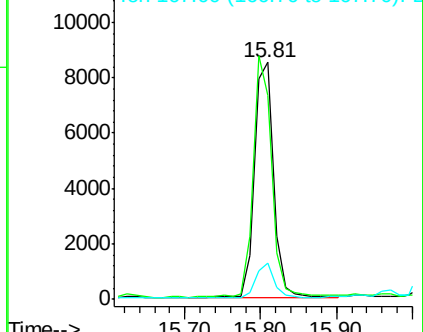
167 13.5 11.0 16.4



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



#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.51 min Scan# 1151

Delta R.T. 0.00 min

Lab File: BE092752.D

Acq: 20 Feb 2017 17:51

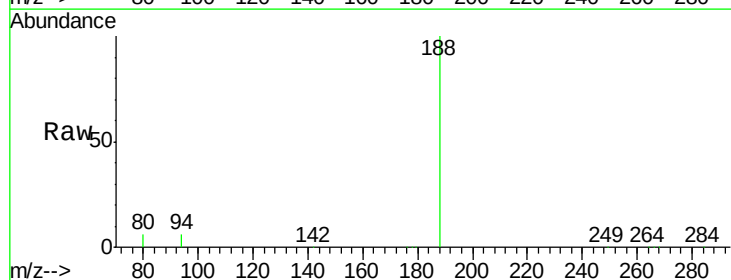
Tgt Ion:188 Resp: 82502

Ion Ratio Lower Upper

188 100

94 6.2 3.2 4.8#

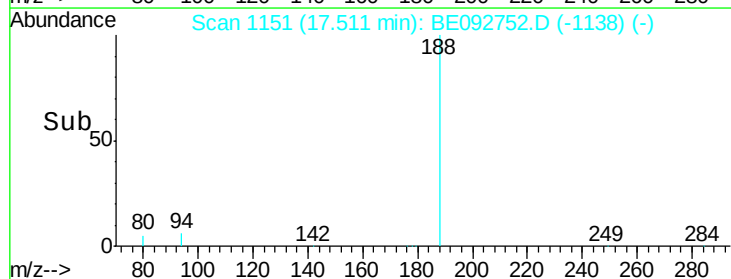
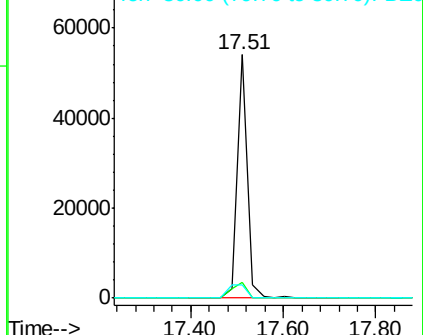
80 5.5 2.6 3.8#

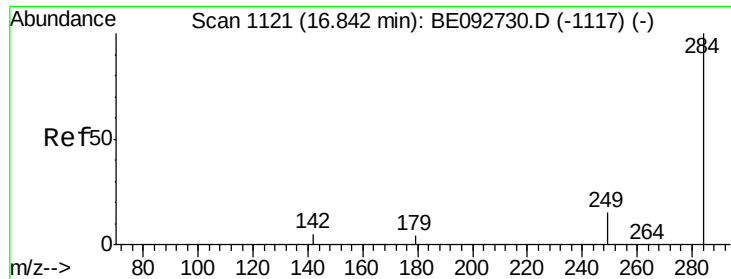


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0

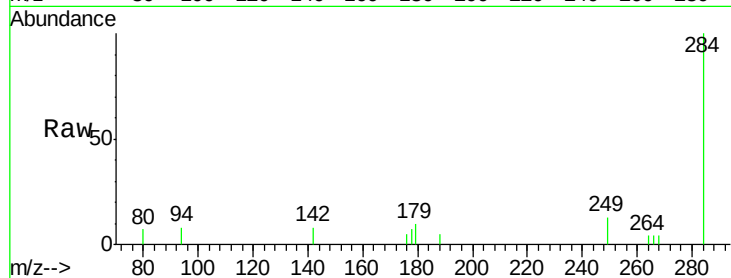




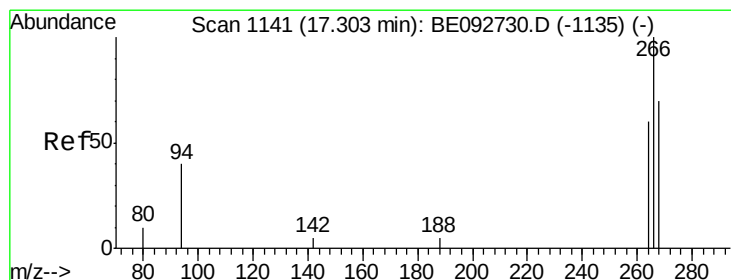
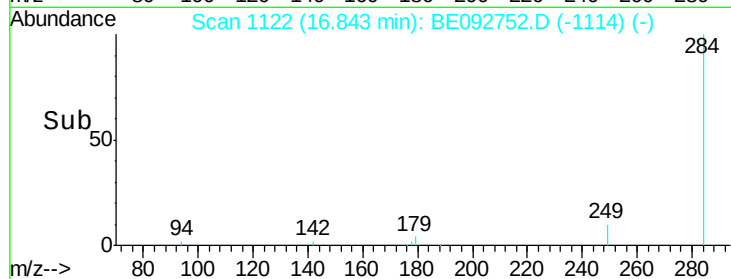
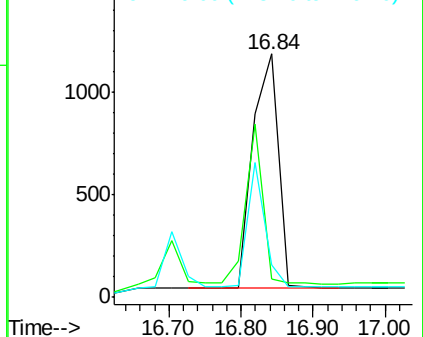
#19
Hexachlorobenzene
Concen: 0.87 ng
RT: 16.84 min Scan# 1122
Delta R.T. 0.00 min
Lab File: BE092752.D
Acq: 20 Feb 2017 17:51

Instrument :
BNA_E
ClientSampleId :
SS050SS218(0-6)-170216

Tgt Ion: 284 Resp: 2785
Ion Ratio Lower Upper
284 100
142 0.0 29.1 43.7#
249 0.0 27.9 41.9#

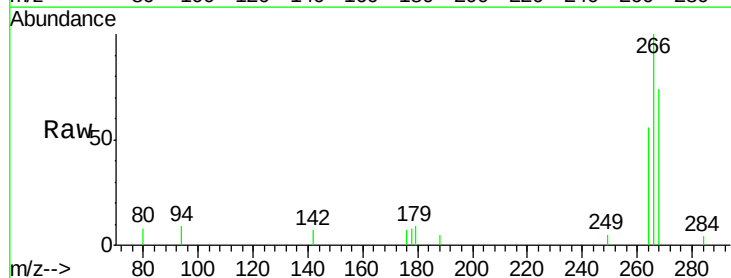


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

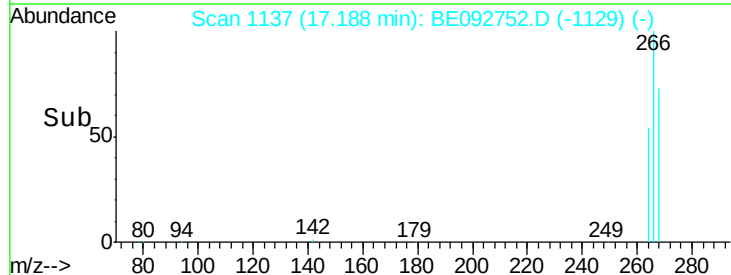
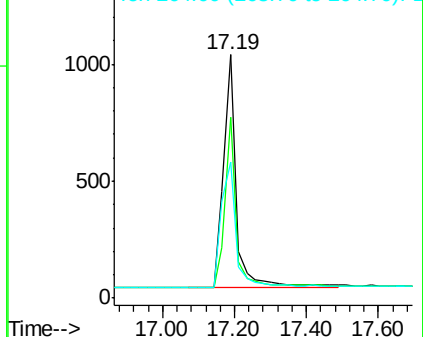


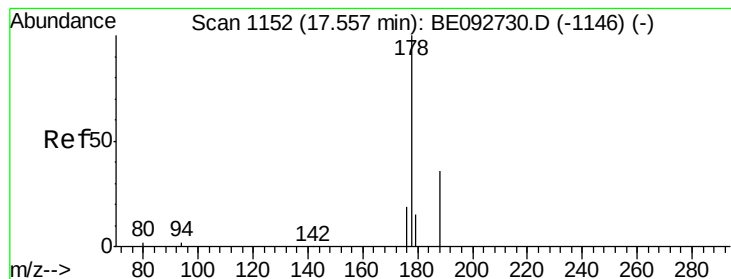
#20
Pentachlorophenol
Concen: 2.79 ng
RT: 17.19 min Scan# 1137
Delta R.T. -0.11 min
Lab File: BE092752.D
Acq: 20 Feb 2017 17:51

Tgt Ion: 266 Resp: 2453
Ion Ratio Lower Upper
266 100
268 74.4 62.5 93.7
264 55.8 57.2 85.8#



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





#21

Phenanthrene

Concen: 6.87 ng

RT: 17.56 min Scan# 1153

Delta R.T. 0.00 min

Lab File: BE092752.D

Acq: 20 Feb 2017 17:51

Instrument :

BNA_E

ClientSampleId :

SS050SS218(0-6)-170216

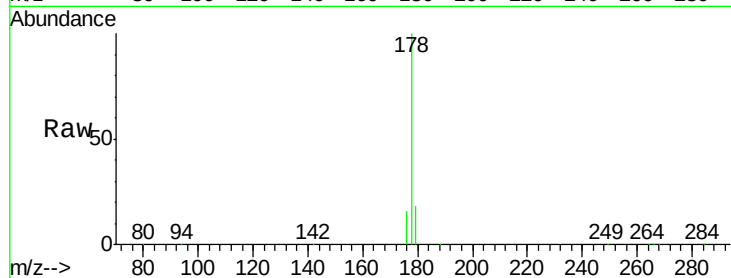
Tgt Ion:178 Resp: 134643

Ion Ratio Lower Upper

178 100

176 18.9 15.8 23.8

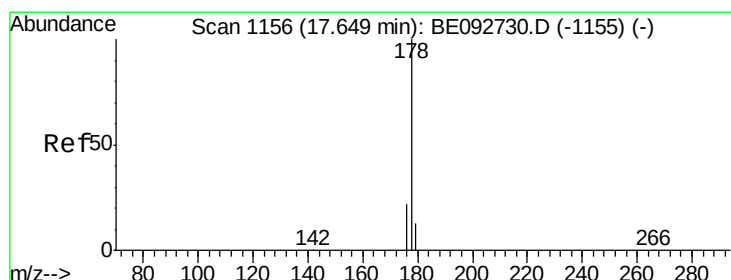
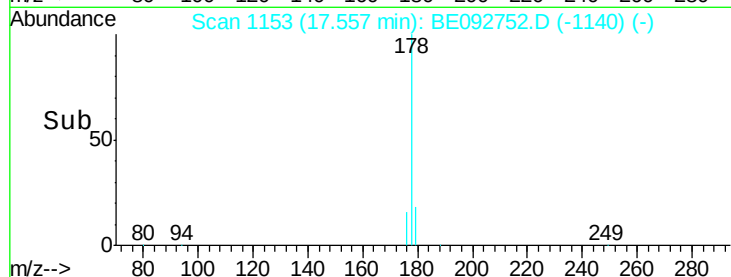
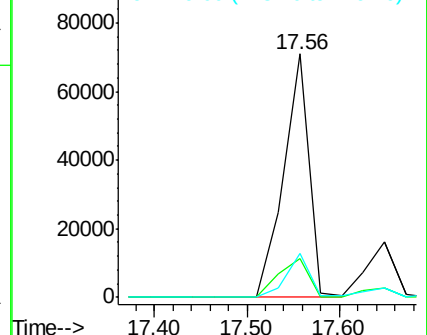
179 16.7 16.0 24.0



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



#22

Anthracene

Concen: 1.90 ng

RT: 17.65 min Scan# 1157

Delta R.T. 0.00 min

Lab File: BE092752.D

Acq: 20 Feb 2017 17:51

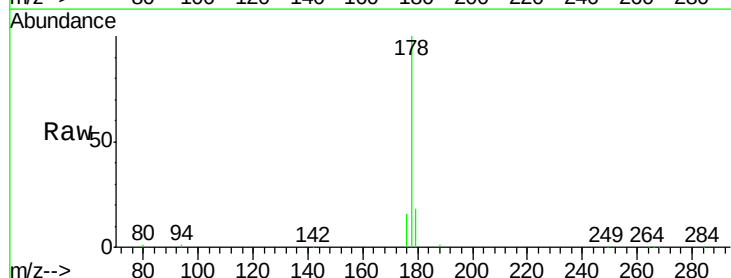
Tgt Ion:178 Resp: 34374

Ion Ratio Lower Upper

178 100

176 18.5 15.0 22.4

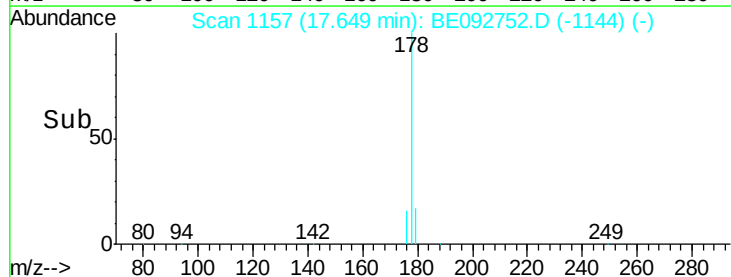
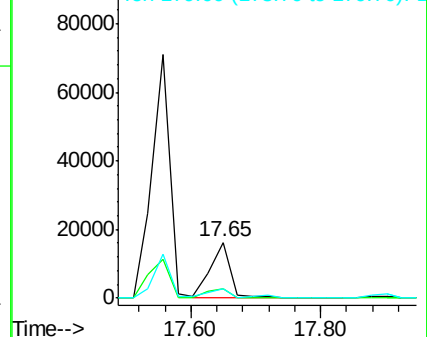
179 13.1 12.2 18.2

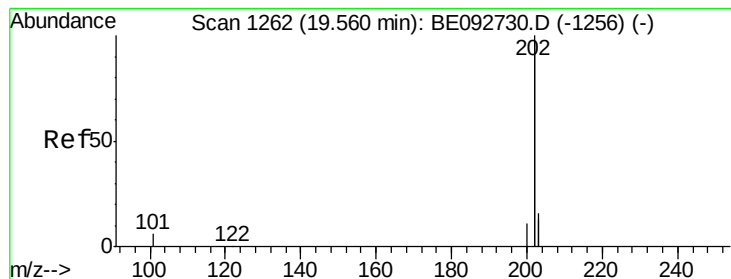


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#23

Fluoranthene

Concen: 17.75 ng

RT: 19.54 min Scan# 1262

Delta R.T. -0.02 min

Lab File: BE092752.D

Acq: 20 Feb 2017 17:51

Instrument :

BNA_E

ClientSampleId :

SS050SS218(0-6)-170216

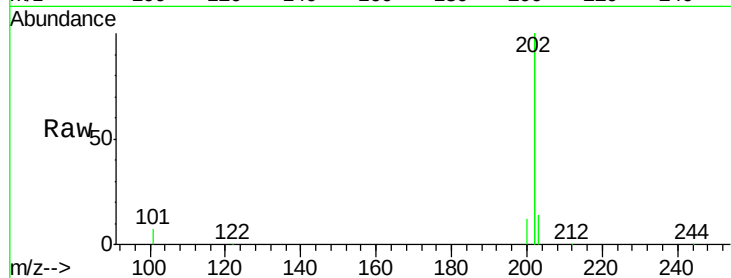
Tgt Ion:202 Resp: 1492420

Ion Ratio Lower Upper

202 100

101 3.0 2.2 3.4

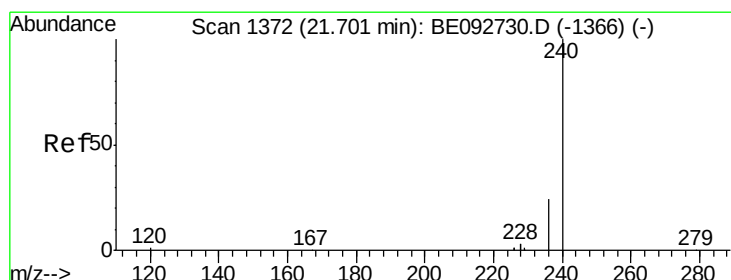
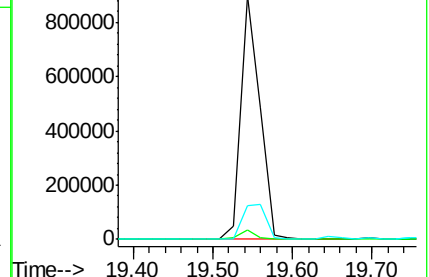
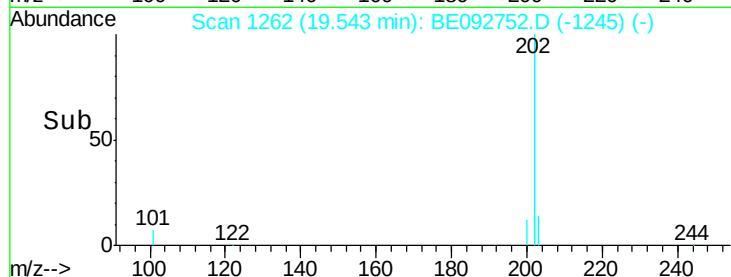
203 17.9 13.7 20.5



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



#24

Chrysene-d12

Concen: 5.00 ng

RT: 21.70 min Scan# 1373

Delta R.T. -0.00 min

Lab File: BE092752.D

Acq: 20 Feb 2017 17:51

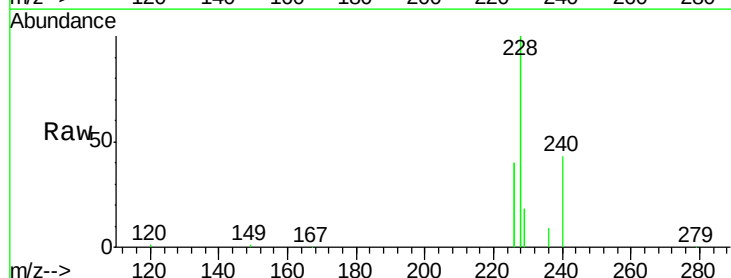
Tgt Ion:240 Resp: 71227

Ion Ratio Lower Upper

240 100

120 1.3 2.6 4.0#

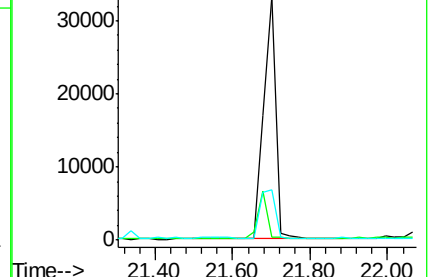
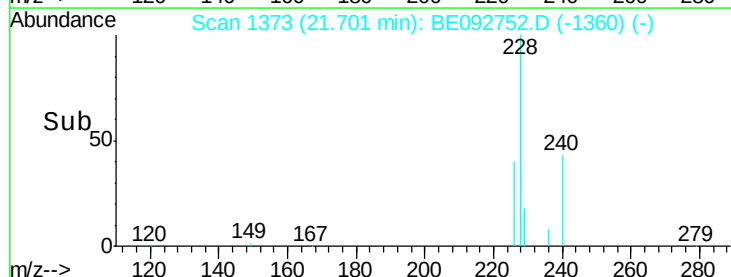
236 20.4 24.6 37.0#

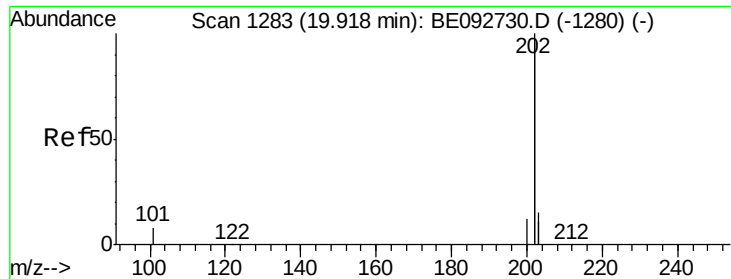


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

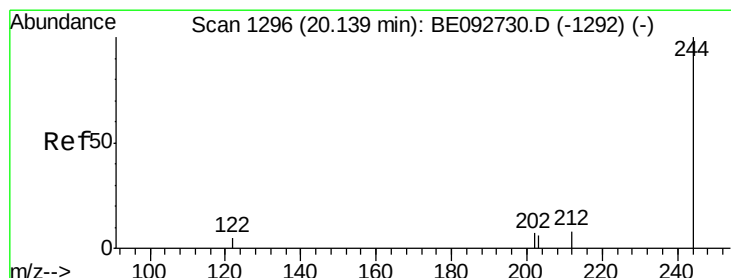
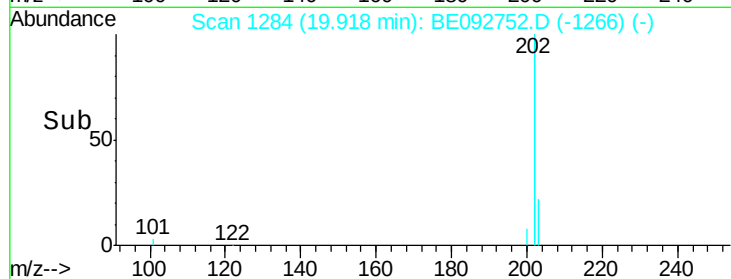
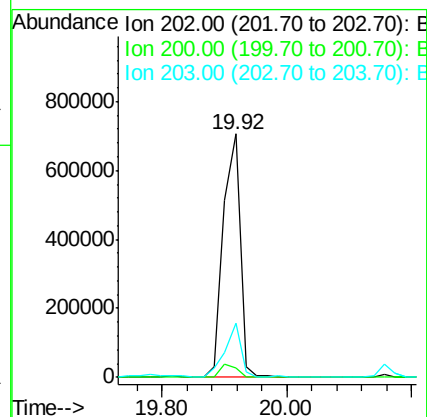
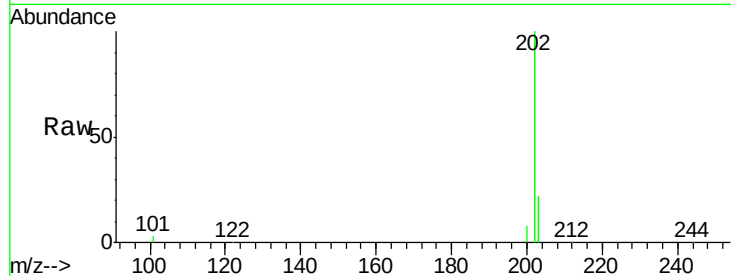




#25
 Pyrene
 Concen: 19.48 ng
 RT: 19.92 min Scan# 1284
 Delta R.T. 0.00 min
 Lab File: BE092752.D
 Acq: 20 Feb 2017 17:51

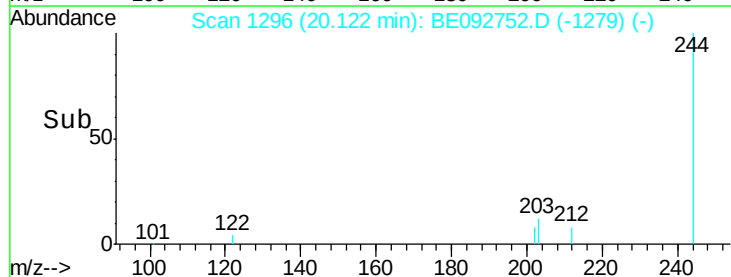
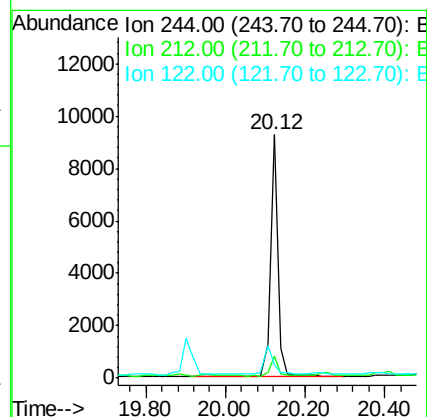
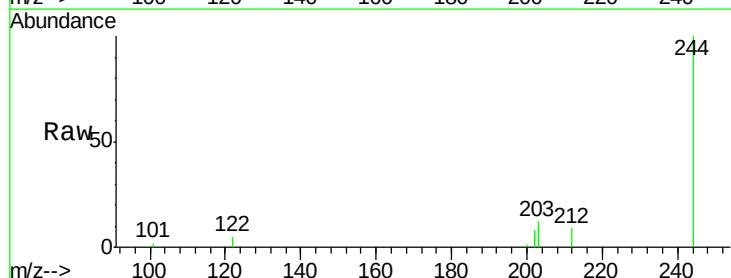
Instrument :
 BNA_E
 ClientSampleId :
 SS050SS218(0-6)-170216

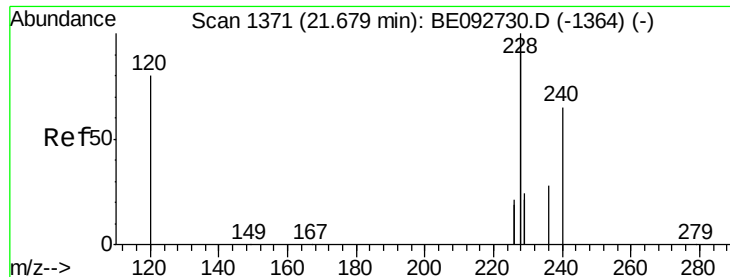
Tgt Ion: 202 Resp: 1320863
 Ion Ratio Lower Upper
 202 100
 200 5.4 4.2 6.4
 203 20.8 13.9 20.9



#26
 Terphenyl-d14
 Concen: 1.33 ng
 RT: 20.12 min Scan# 1296
 Delta R.T. -0.02 min
 Lab File: BE092752.D
 Acq: 20 Feb 2017 17:51

Tgt Ion: 244 Resp: 12118
 Ion Ratio Lower Upper
 244 100
 212 9.0 6.7 10.1
 122 5.2 3.6 5.4





#27

Benzo(a)anthracene

Concen: 22.24 ng

RT: 21.72 min Scan# 1374

Delta R.T. 0.05 min

Lab File: BE092752.D

Acq: 20 Feb 2017 17:51

Instrument :

BNA_E

ClientSampleId :

SS050SS218(0-6)-170216

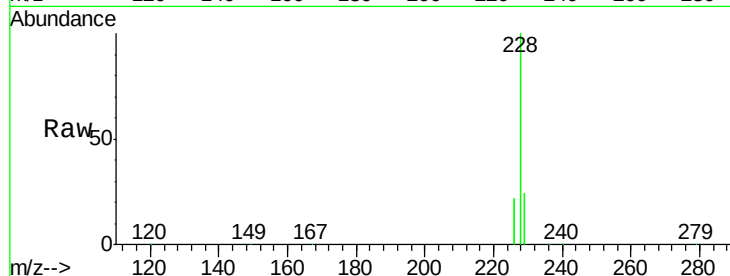
Tgt Ion:228 Resp: 1536051

Ion Ratio Lower Upper

228 100

226 21.8 23.6 35.4#

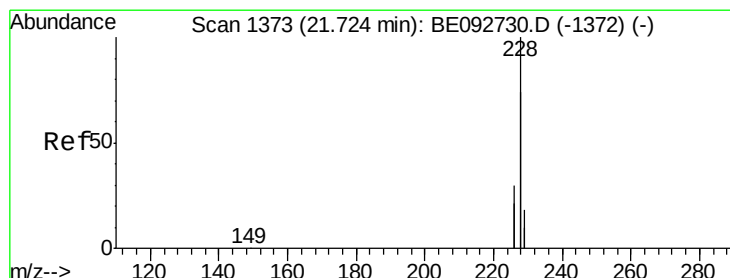
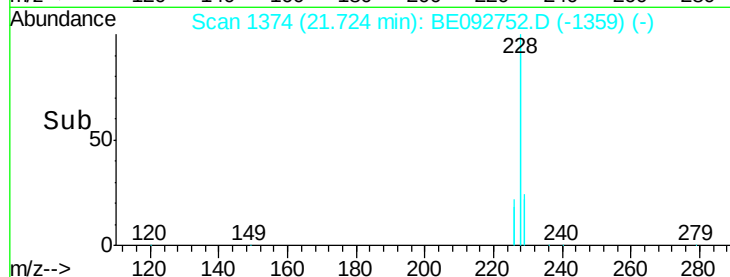
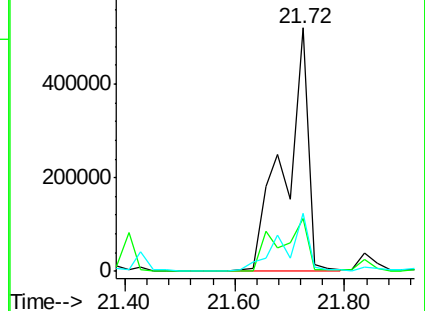
229 24.1 13.3 19.9#



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



#28

Chrysene

Concen: 18.75 ng

RT: 21.72 min Scan# 1374

Delta R.T. -0.00 min

Lab File: BE092752.D

Acq: 20 Feb 2017 17:51

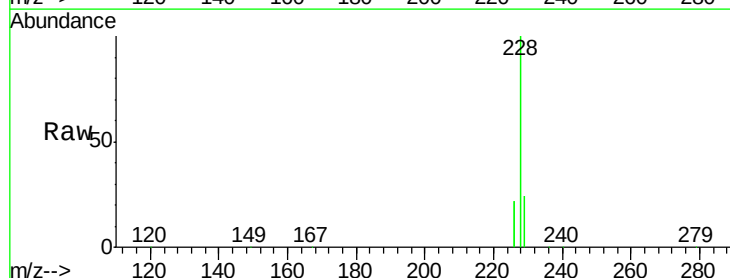
Tgt Ion:228 Resp: 1536051

Ion Ratio Lower Upper

228 100

226 21.8 36.3 54.5#

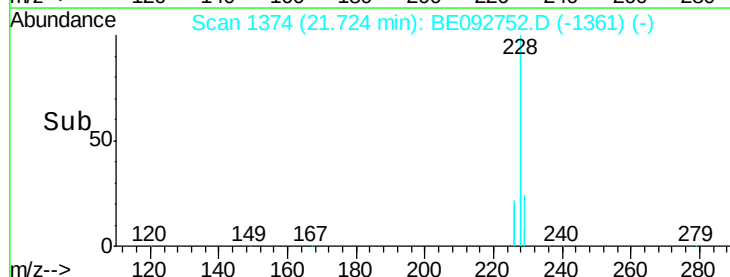
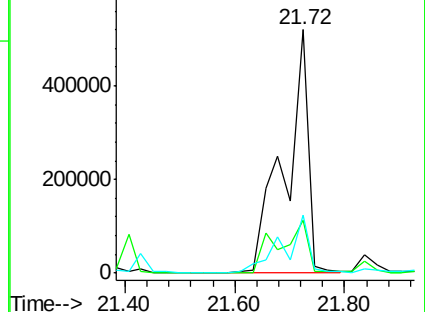
229 24.1 10.6 16.0#

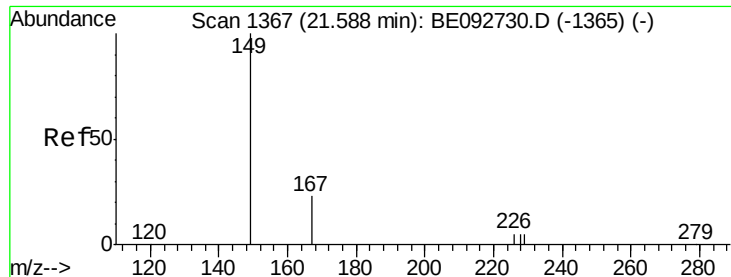


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#29

Bis(2-ethylhexyl)phthalate

Concen: 6.15 ng

RT: 21.59 min Scan# 1368

Delta R.T. 0.00 min

Lab File: BE092752.D

Acq: 20 Feb 2017 17:51

Instrument :

BNA_E

ClientSampleId :

SS050SS218(0-6)-170216

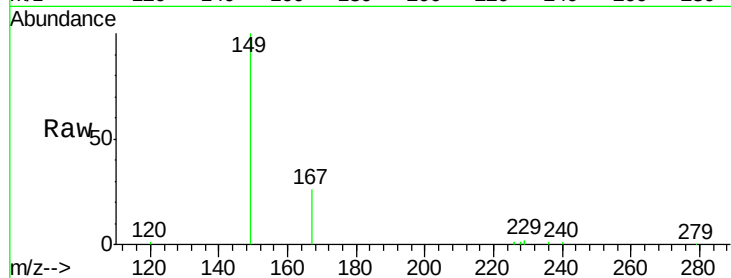
Tgt Ion:149 Resp: 58826

Ion Ratio Lower Upper

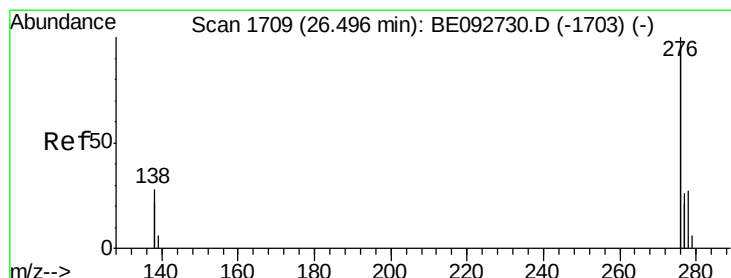
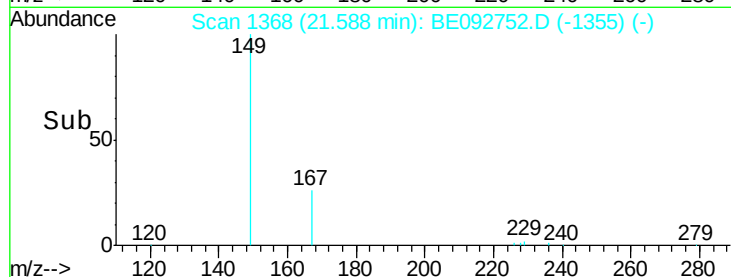
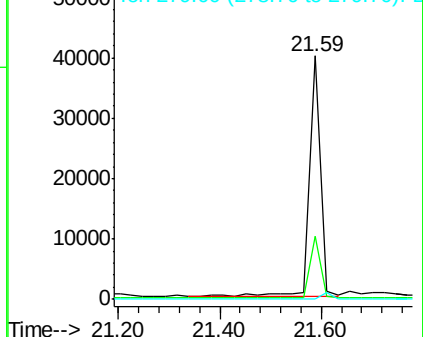
149 100

167 24.6 16.0 24.0#

279 0.0 16.0 24.0#



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



#30

Indeno(1,2,3-cd)pyrene

Concen: 7.05 ng

RT: 26.46 min Scan# 1708

Delta R.T. -0.03 min

Lab File: BE092752.D

Acq: 20 Feb 2017 17:51

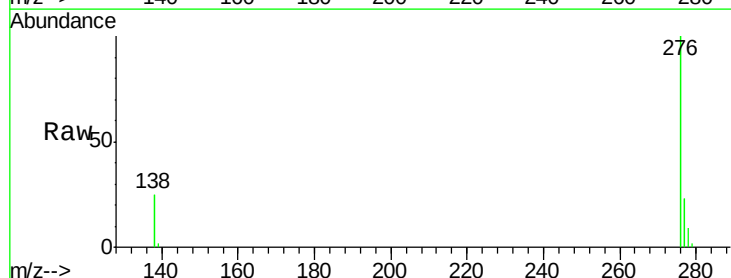
Tgt Ion:276 Resp: 600827

Ion Ratio Lower Upper

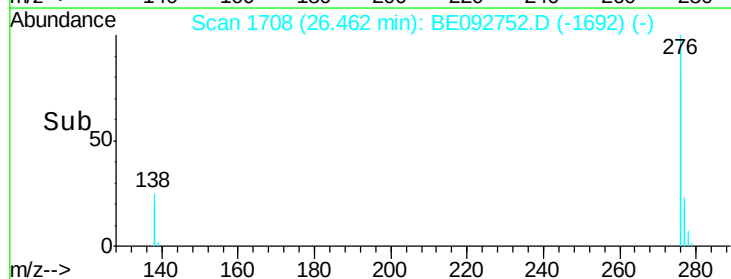
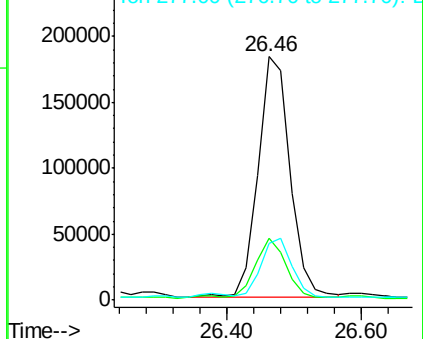
276 100

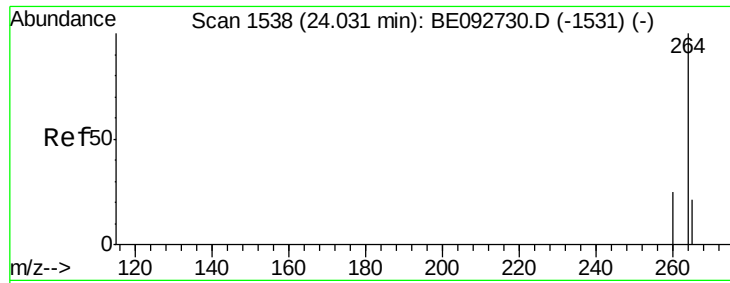
138 24.3 20.3 30.5

277 24.0 19.7 29.5



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





#31

Perylene-d12

Concen: 5.00 ng

RT: 24.03 min Scan# 1539

Delta R.T. -0.00 min

Lab File: BE092752.D

Acq: 20 Feb 2017 17:51

Instrument :

BNA_E

ClientSampleId :

SS050SS218(0-6)-170216

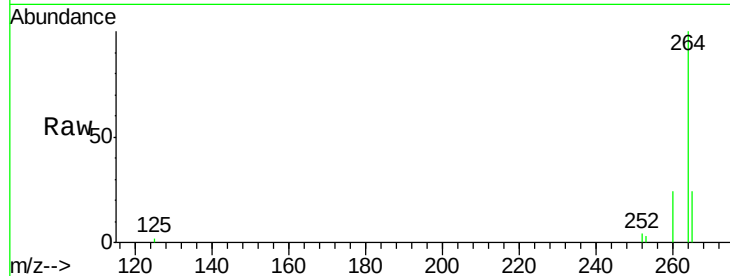
Tgt Ion:264 Resp: 79072

Ion Ratio Lower Upper

264 100

260 24.1 20.1 30.1

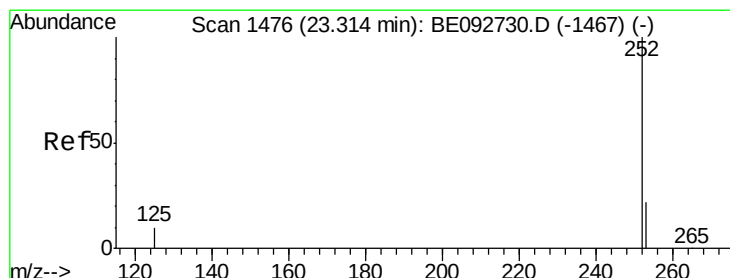
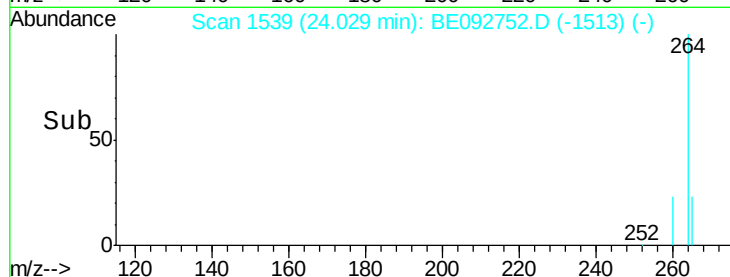
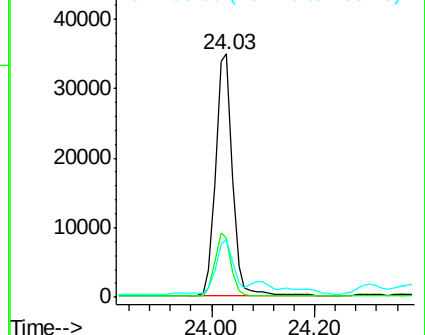
265 24.1 17.9 26.9



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



#32

Benzo(b)fluoranthene

Concen: 18.77 ng

RT: 23.30 min Scan# 1476

Delta R.T. -0.01 min

Lab File: BE092752.D

Acq: 20 Feb 2017 17:51

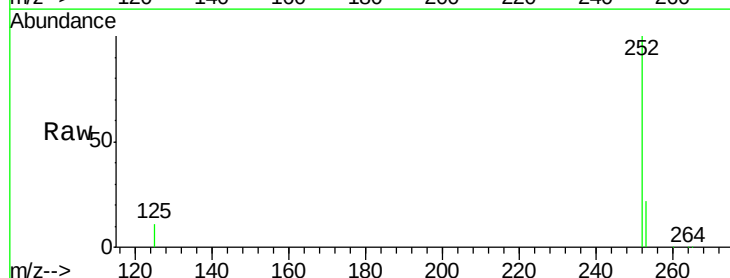
Tgt Ion:252 Resp: 391964

Ion Ratio Lower Upper

252 100

253 22.5 18.7 28.1

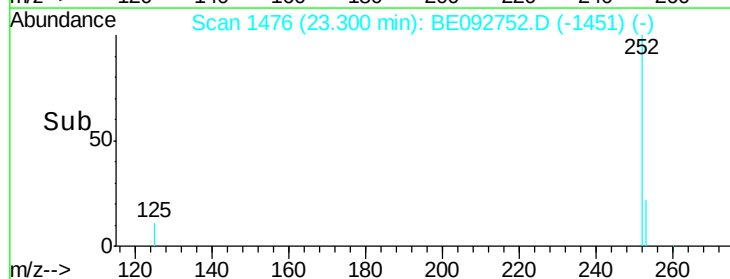
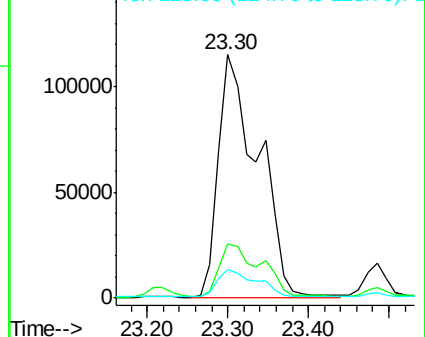
125 11.5 10.5 15.7

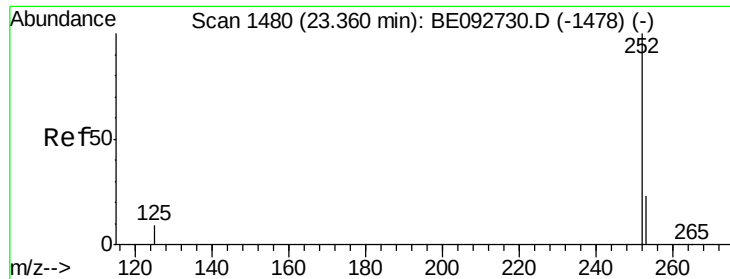


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#33

Benzo(k)fluoranthene

Concen: 17.72 ng

RT: 23.30 min Scan# 1476

Delta R.T. -0.06 min

Lab File: BE092752.D

Acq: 20 Feb 2017 17:51

Instrument :

BNA_E

ClientSampleId :

SS050SS218(0-6)-170216

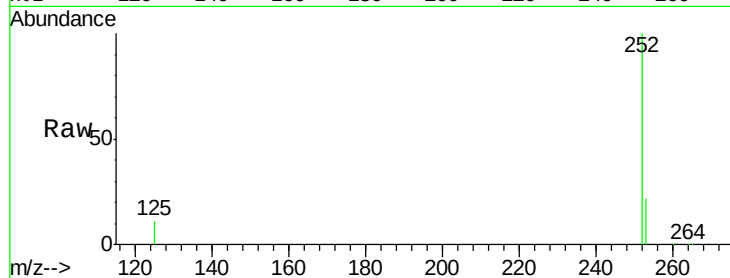
Tgt Ion:252 Resp: 391964

Ion Ratio Lower Upper

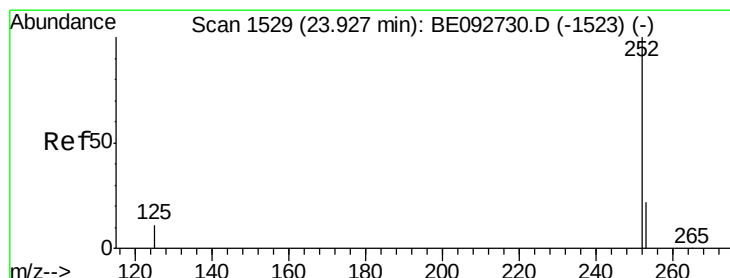
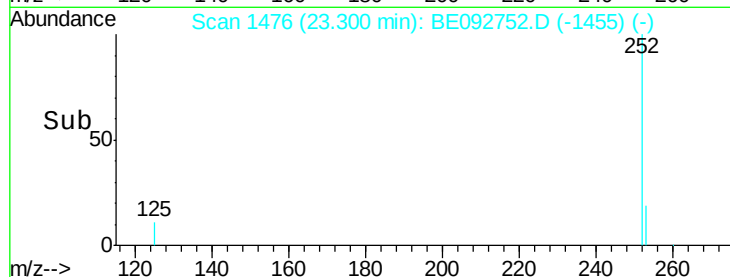
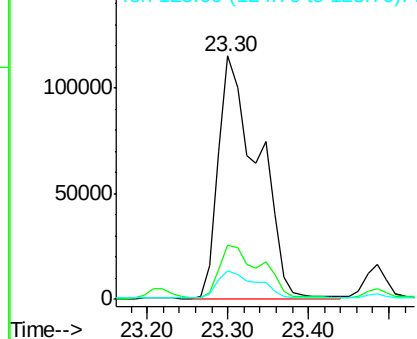
252 100

253 22.5 20.3 30.5

125 11.5 9.6 14.4



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#34

Benzo(a)pyrene

Concen: 9.39 ng

RT: 23.91 min Scan# 1529

Delta R.T. -0.01 min

Lab File: BE092752.D

Acq: 20 Feb 2017 17:51

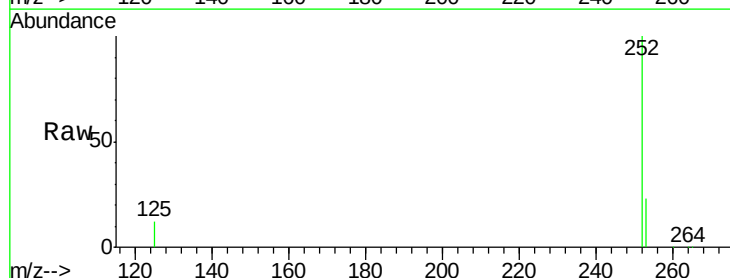
Tgt Ion:252 Resp: 190796

Ion Ratio Lower Upper

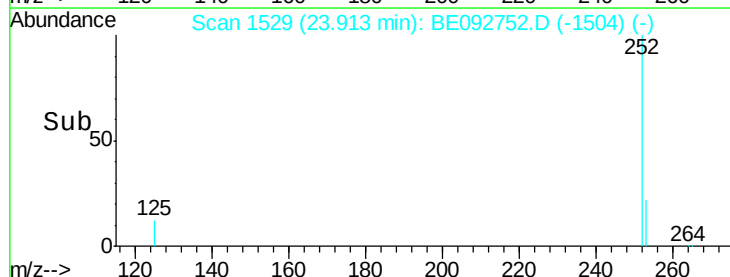
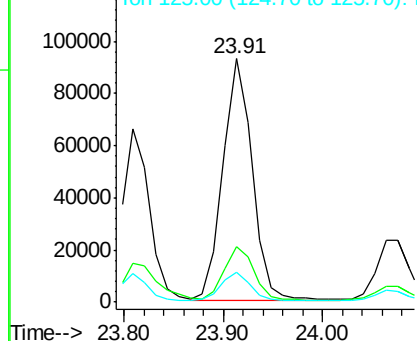
252 100

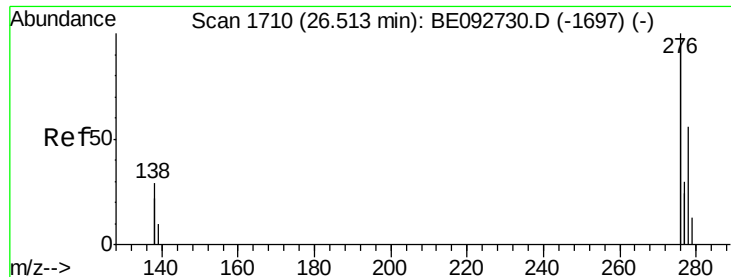
253 23.0 19.0 28.6

125 12.2 11.8 17.8



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

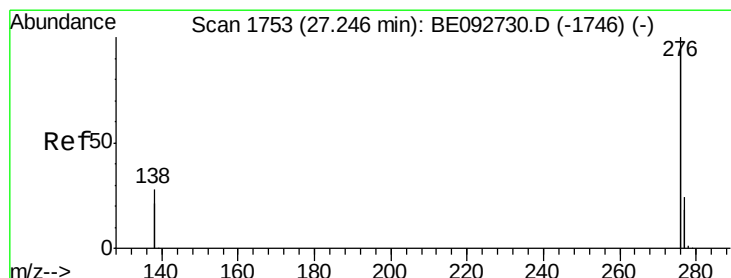
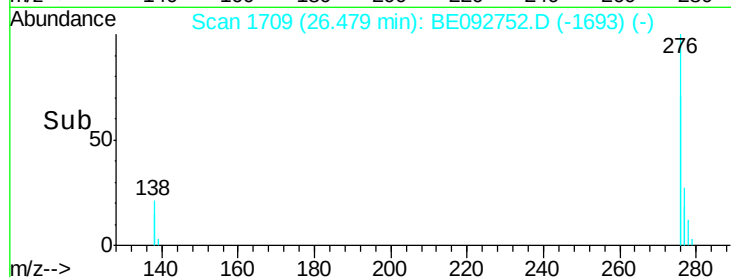
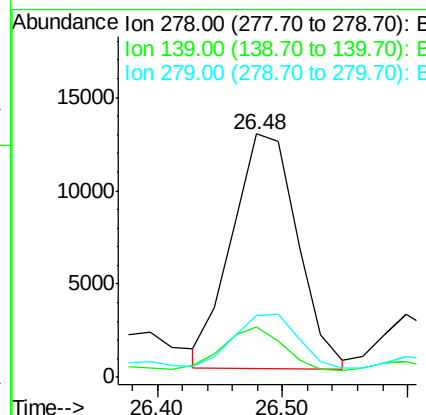
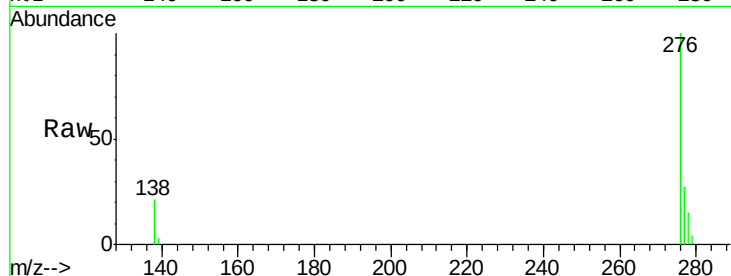




#35
Dibenzo(a,h)anthracene
Concen: 2.28 ng
RT: 26.48 min Scan# 1709
Delta R.T. -0.03 min
Lab File: BE092752.D
Acq: 20 Feb 2017 17:51

Instrument :
BNA_E
ClientSampleId :
SS050SS218(0-6)-170216

Tgt Ion: 278 Resp: 45507
Ion Ratio Lower Upper
278 100
139 20.7 13.8 20.8
279 25.6 21.4 32.2



#36
Benzo(g,h,i)perylene
Concen: 6.95 ng
RT: 27.23 min Scan# 1753
Delta R.T. -0.02 min
Lab File: BE092752.D
Acq: 20 Feb 2017 17:51

Tgt Ion: 276 Resp: 575865
Ion Ratio Lower Upper
276 100
277 24.2 19.8 29.8
138 23.7 19.8 29.6

