

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE110816\
 Data File : BE092511.D
 Acq On : 8 Nov 2016 16:31
 Operator : UM/SJ
 Sample : PB94535BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB94535BS

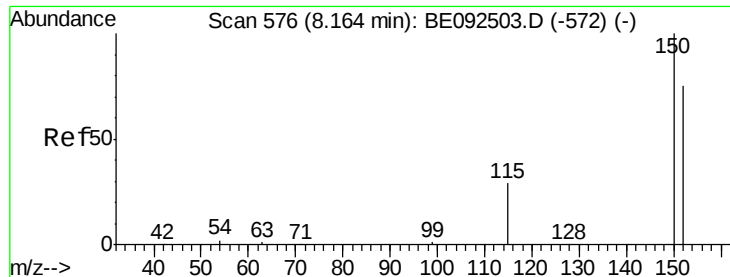
Quant Time: Nov 09 00:09:04 2016
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE110816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 08 16:27:22 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	9769	5.00	ng	-0.02
7) Naphthalene-d8	10.93	136	44325	5.00	ng	0.00
12) Acenaphthene-d10	14.80	164	27793	5.00	ng	0.00
18) Phenanthrene-d10	17.56	188	53566	5.00	ng	0.00
24) Chrysene-d12	21.72	240	72350	5.00	ng	0.00
31) Perylene-d12	24.08	264	59341	5.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.66	112	19925	9.25	ng	0.00
5) Phenol-d6	7.31	99	27923	9.72	ng	-0.02
8) Nitrobenzene-d5	9.32	82	13050	4.49	ng	-0.02
13) 2,4,6-Tribromophenol	16.28	330	6871	6.95	ng	-0.02
14) 2-Fluorobiphenyl	13.42	172	29306	4.26	ng	-0.01
26) Terphenyl-d14	20.16	244	37079	4.22	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.39	88	3943	3.38	ng	# 52
3) n-Nitrosodimethylamine	3.73	42	6375	3.69	ng	# 99
6) bis(2-Chloroethyl)ether	7.57	93	11675	3.71	ng	# 88
9) Naphthalene	10.97	128	34138	3.56	ng	# 96
10) Hexachlorobutadiene	11.26	225	5292	3.64	ng	# 99
11) 2-Methylnaphthalene	12.60	142	23078	3.70	ng	# 98
15) Acenaphthylene	14.51	152	151182	3.79	ng	# 99
16) Acenaphthene	14.87	154	23054	3.58	ng	# 94
17) Fluorene	15.84	166	30240	3.74	ng	# 99
19) Hexachlorobenzene	16.87	284	8709	4.31	ng	# 68
20) Pentachlorophenol	17.21	266	7111	12.16	ng	# 86
21) Phenanthrene	17.58	178	49348	4.26	ng	# 94
22) Anthracene	17.67	178	47945	4.27	ng	# 99
23) Fluoranthene	19.59	202	218115	3.75	ng	# 99
25) Pyrene	19.95	202	229493	3.87	ng	# 99
27) Benzo(a)anthracene	21.70	228	483720	6.60	ng	# 96
28) Chrysene	21.70	228	485206	8.43	ng	# 75
29) Bis(2-ethylhexyl)phthalate	21.61	149	21915	3.42	ng	# 56
30) Indeno(1,2,3-cd)pyrene	26.55	276	283802	3.55	ng	# 98
32) Benzo(b)fluoranthene	23.35	252	61277	4.00	ng	# 95
33) Benzo(k)fluoranthene	23.39	252	64186	3.97	ng	# 93
34) Benzo(a)pyrene	23.97	252	56779	3.70	ng	# 95
35) Dibenzo(a,h)anthracene	26.58	278	59205	4.10	ng	# 94
36) Benzo(g,h,i)perylene	27.31	276	245405	4.13	ng	# 98

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



#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.14 min Scan# 575

Delta R.T. -0.02 min

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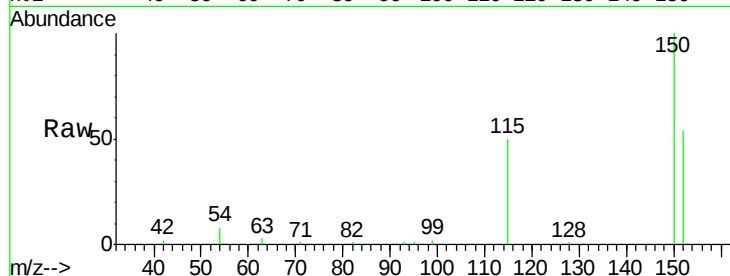
Tgt Ion:152 Resp: 9769

Ion Ratio Lower Upper

152 100

150 186.3 106.0 159.0#

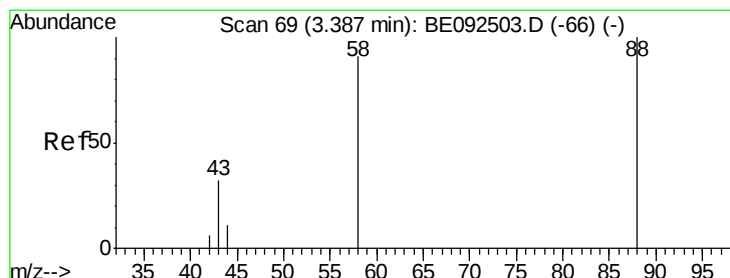
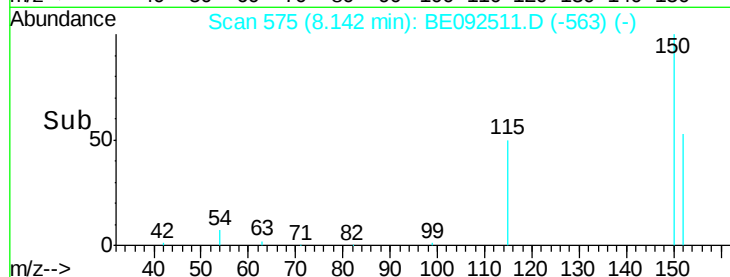
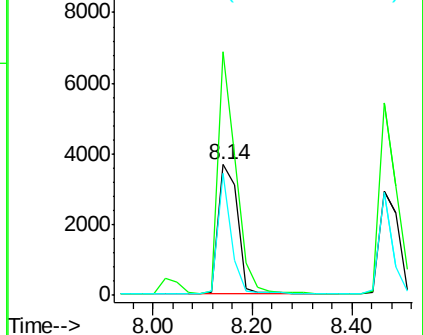
115 93.7 31.2 46.8#



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: 3.38 ng

RT: 3.39 min Scan# 69

Delta R.T. -0.00 min

Lab File: BE092511.D

Acq: 8 Nov 2016 16:31

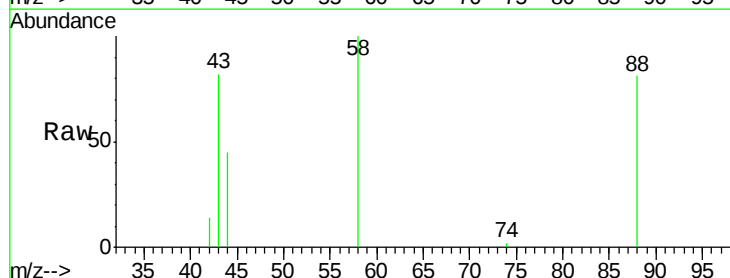
Tgt Ion: 88 Resp: 3943

Ion Ratio Lower Upper

88 100

58 102.8 63.6 95.4#

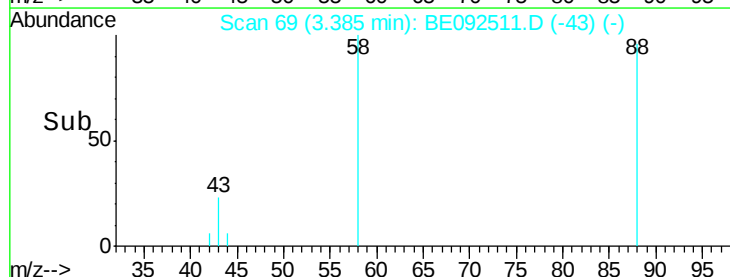
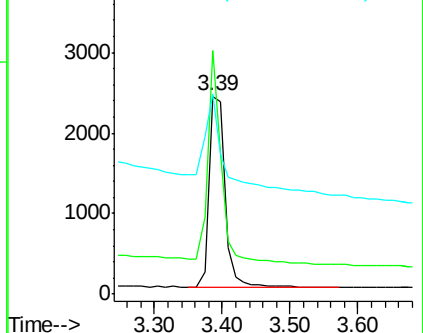
43 91.3 28.0 42.0#

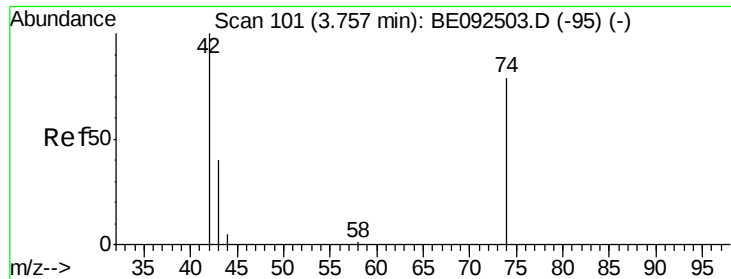


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 3.69 ng

RT: 3.73 min Scan# 99

Delta R.T. -0.02 min

Lab File: BE092511.D

Acq: 8 Nov 2016 16:31

Instrument :

BNA_E

ClientSampleId :

PB94535BS

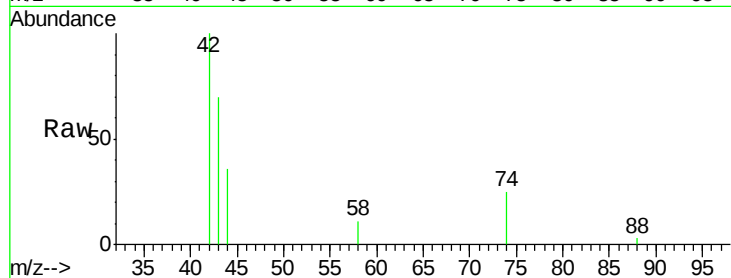
Tgt Ion: 42 Resp: 6375

Ion Ratio Lower Upper

42 100

74 108.5 86.0 129.0

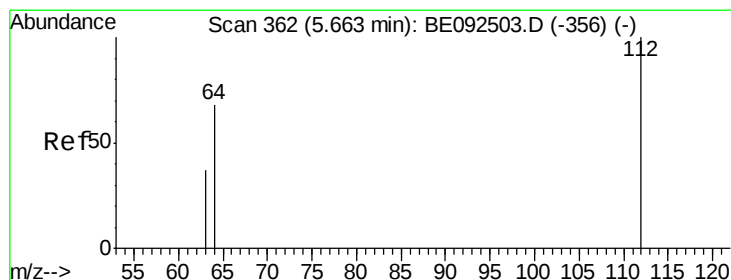
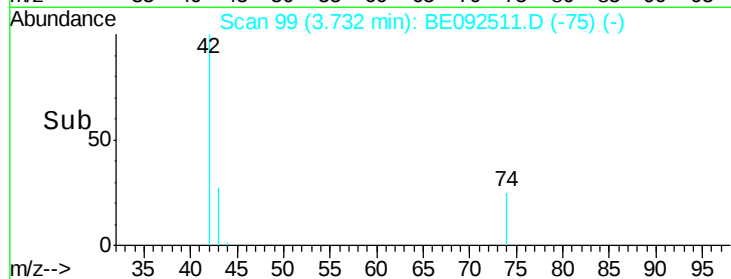
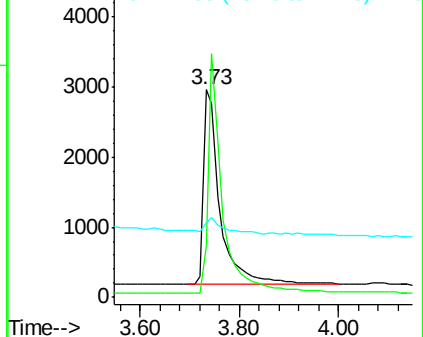
44 9.8 5.1 7.7#



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: 9.25 ng

RT: 5.66 min Scan# 361

Delta R.T. -0.01 min

Lab File: BE092511.D

Acq: 8 Nov 2016 16:31

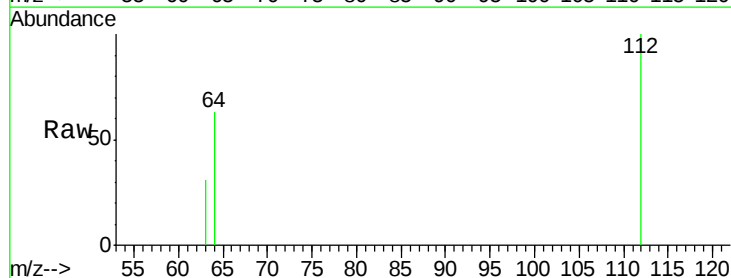
Tgt Ion: 112 Resp: 19925

Ion Ratio Lower Upper

112 100

64 67.2 53.5 80.3

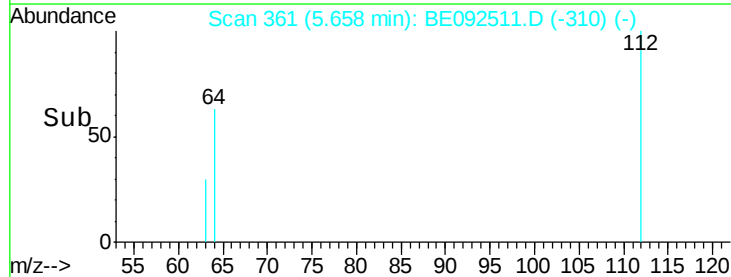
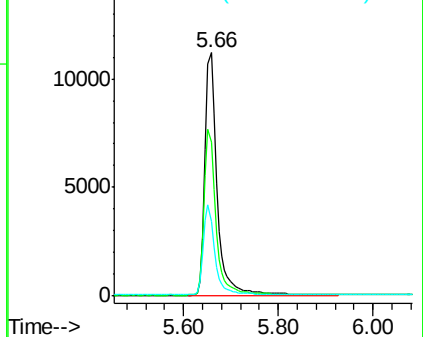
63 35.8 27.9 41.9

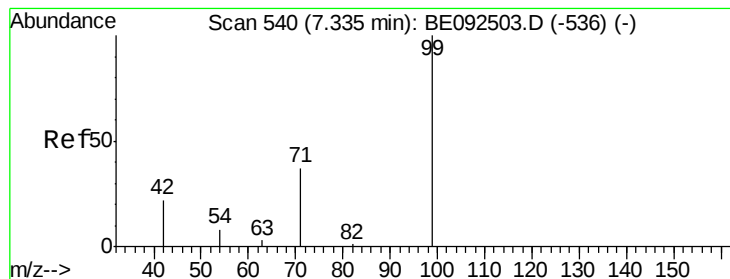


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 9.72 ng

RT: 7.31 min Scan# 539

Delta R.T. -0.02 min

Lab File: BE092511.D

Acq: 8 Nov 2016 16:31

Instrument :

BNA_E

ClientSampleId :

PB94535BS

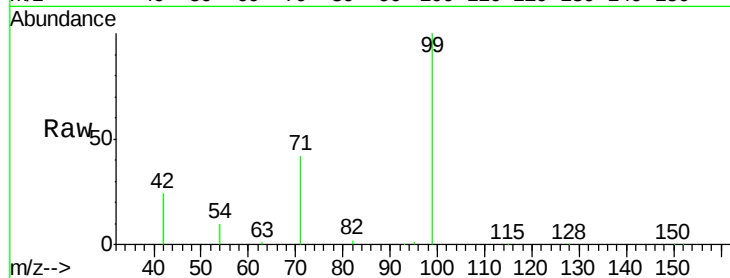
Tgt Ion: 99 Resp: 27923

Ion Ratio Lower Upper

99 100

42 22.8 16.0 24.0

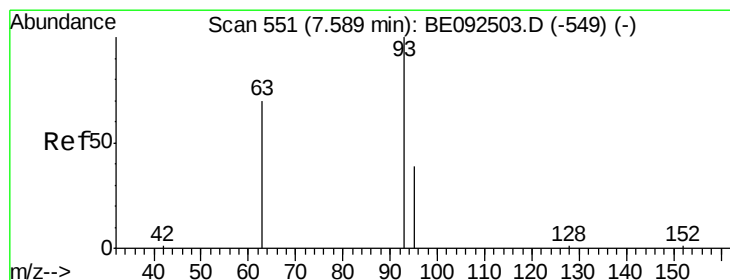
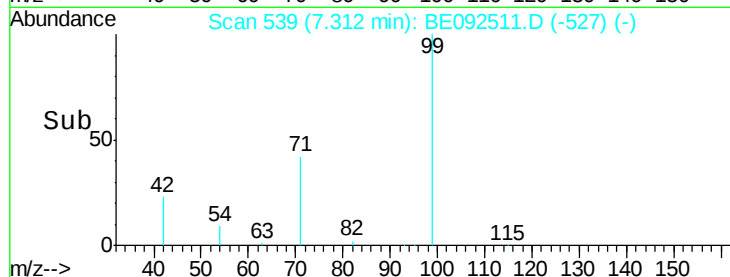
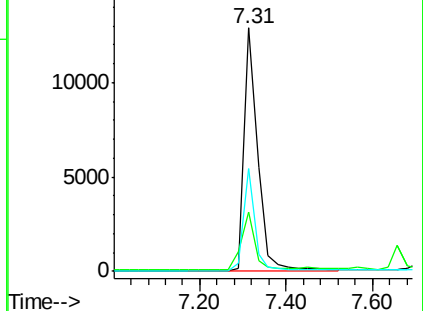
71 35.3 30.6 45.8



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: 3.71 ng

RT: 7.57 min Scan# 550

Delta R.T. -0.02 min

Lab File: BE092511.D

Acq: 8 Nov 2016 16:31

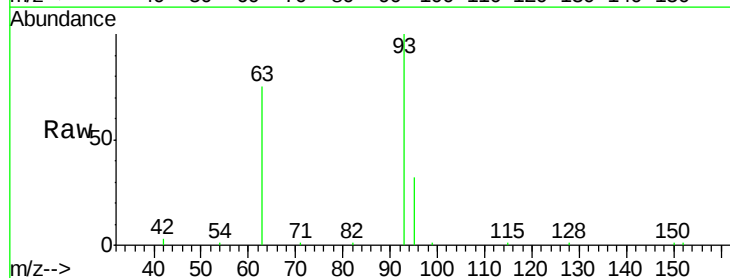
Tgt Ion: 93 Resp: 11675

Ion Ratio Lower Upper

93 100

63 75.2 71.6 107.4

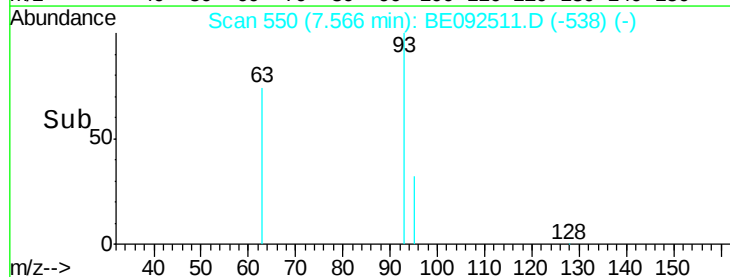
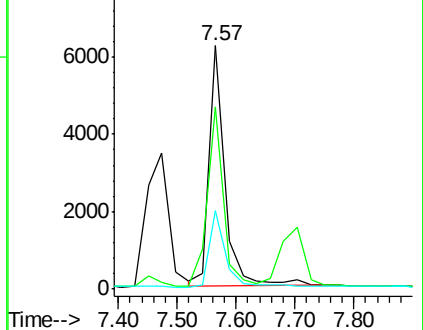
95 32.2 24.0 36.0

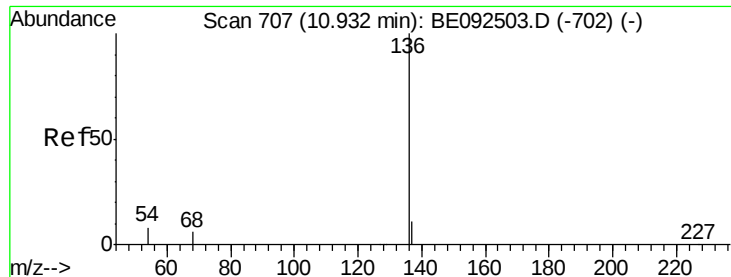


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.93 min Scan# 707

Delta R.T. 0.00 min

Lab File: BE092511.D

Acq: 8 Nov 2016 16:31

Instrument :

BNA_E

ClientSampleId :

PB94535BS

Tgt Ion:136 Resp: 44325

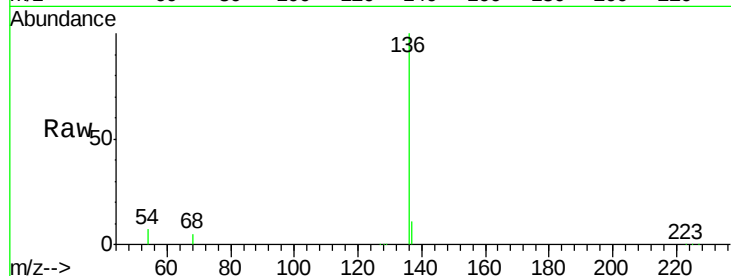
Ion Ratio Lower Upper

136 100

137 11.2 8.2 12.4

54 6.6 9.6 14.4#

68 5.1 6.7 10.1#

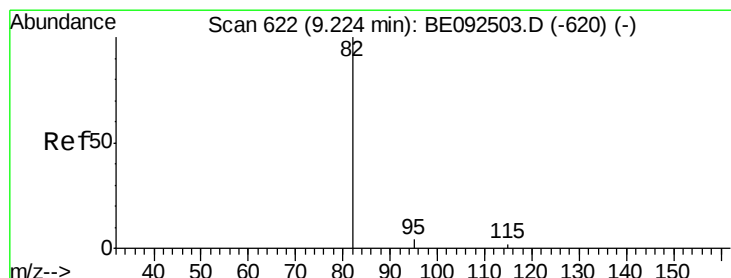
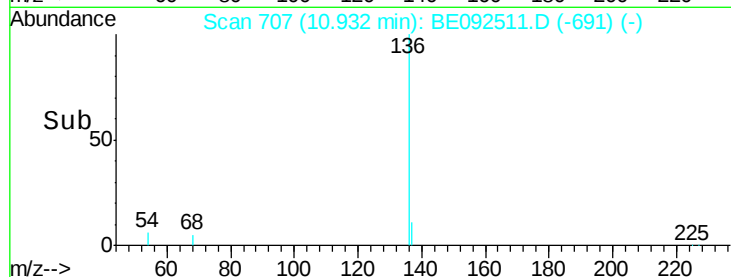
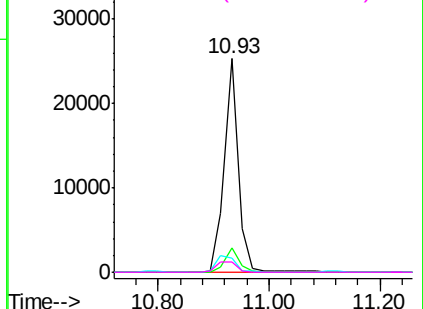


Abundance Ion 136.00 (135.70 to 136.70): E

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: 4.49 ng

RT: 9.32 min Scan# 626

Delta R.T. -0.02 min

Lab File: BE092511.D

Acq: 8 Nov 2016 16:31

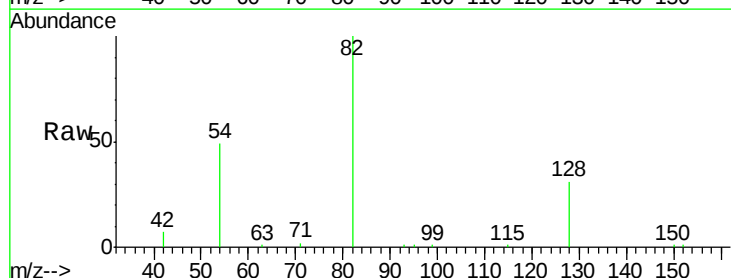
Tgt Ion: 82 Resp: 13050

Ion Ratio Lower Upper

82 100

128 31.0 39.0 58.4#

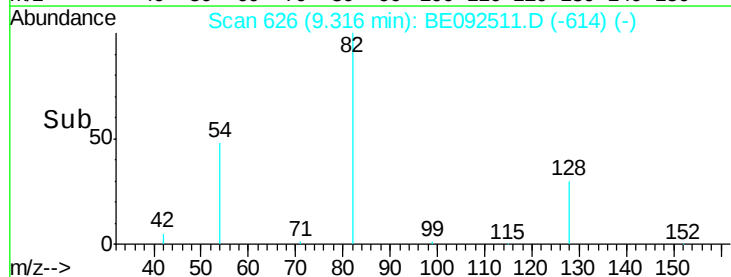
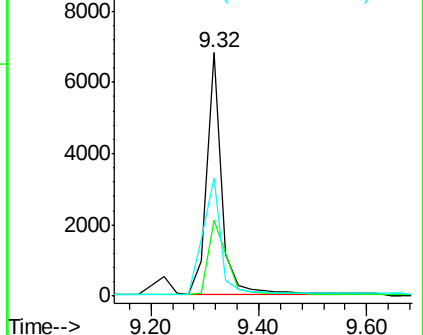
54 48.8 44.8 67.2

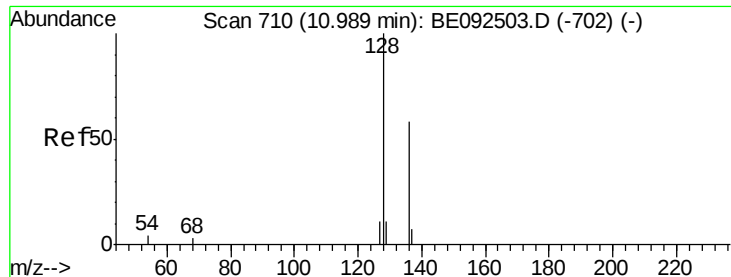


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 3.56 ng

RT: 10.97 min Scan# 709

Delta R.T. -0.02 min

Lab File: BE092511.D

Acq: 8 Nov 2016 16:31

Instrument :

BNA_E

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PB94535BS

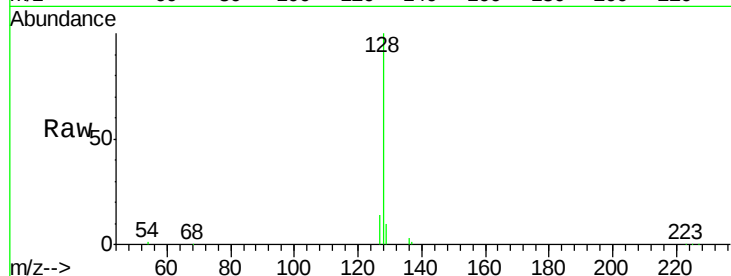
Tgt Ion:128 Resp: 34138

Ion Ratio Lower Upper

128 100

129 10.3 11.2 16.8#

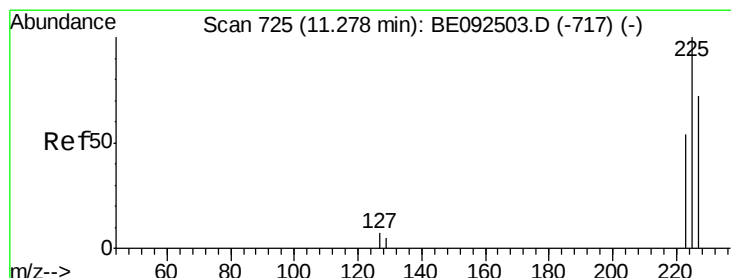
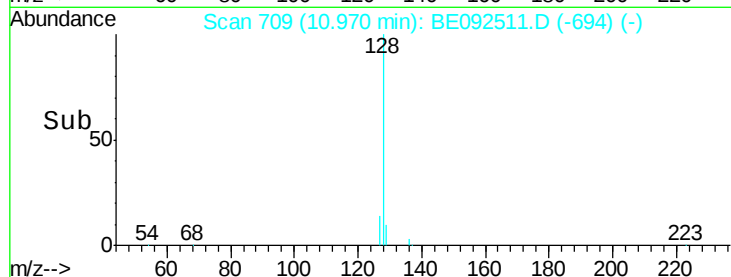
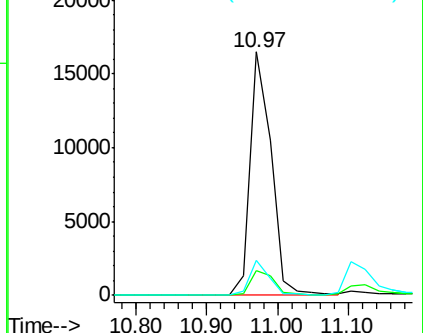
127 14.5 11.6 17.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 3.64 ng

RT: 11.26 min Scan# 724

Delta R.T. -0.02 min

Lab File: BE092511.D

Acq: 8 Nov 2016 16:31

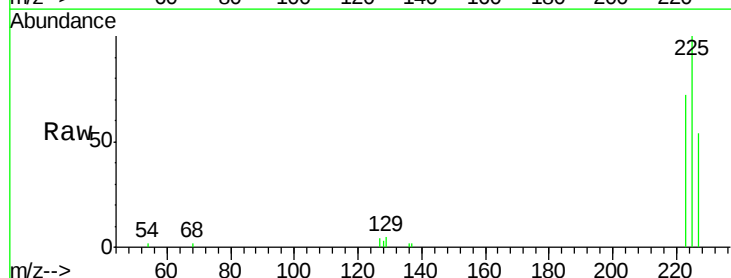
Tgt Ion:225 Resp: 5292

Ion Ratio Lower Upper

225 100

223 63.3 50.6 76.0

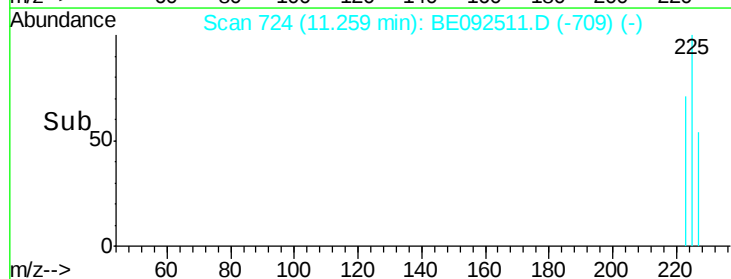
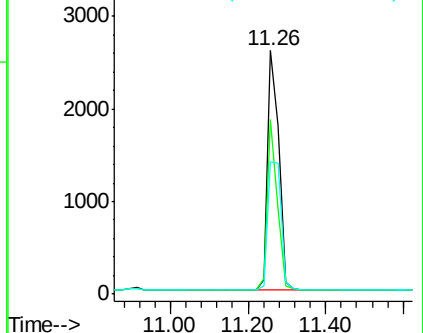
227 63.2 51.4 77.0

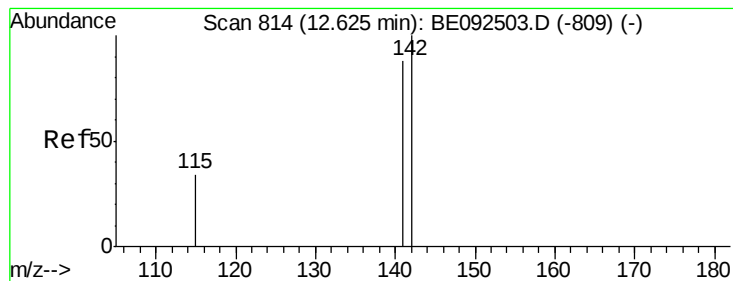


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene

Concen: 3.70 ng

RT: 12.60 min Scan# 812

Delta R.T. -0.02 min

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Acq: 8 Nov 2016 16:31

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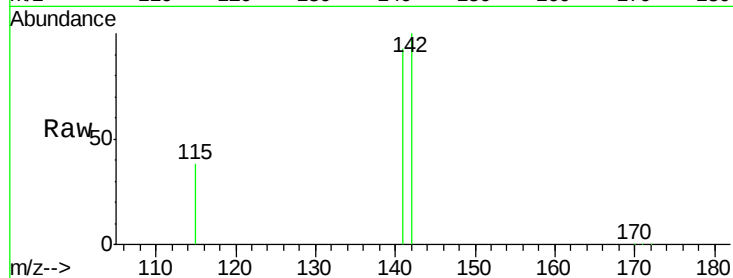
Tgt Ion:142 Resp: 23078

Ion Ratio Lower Upper

142 100

141 92.6 73.7 110.5

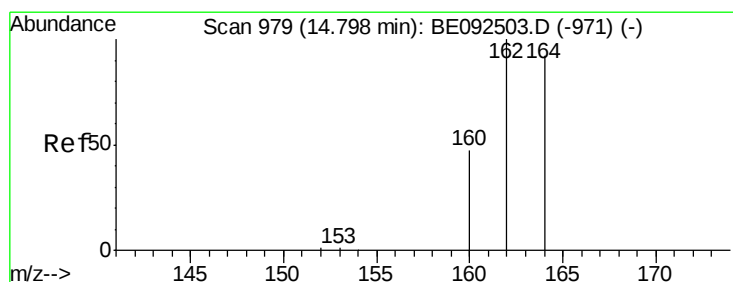
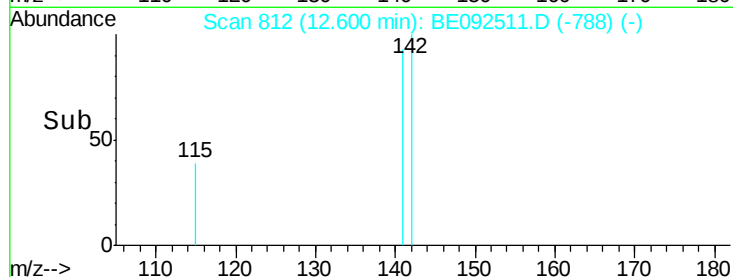
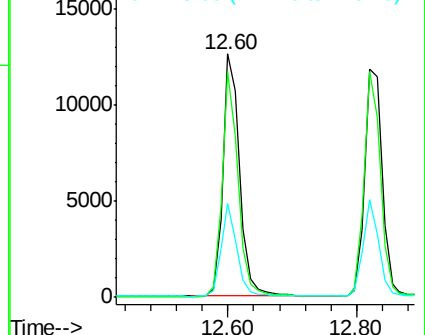
115 38.5 34.0 51.0



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: 14.80 min Scan# 979

Delta R.T. -0.00 min

Lab File: BE092511.D

Acq: 8 Nov 2016 16:31

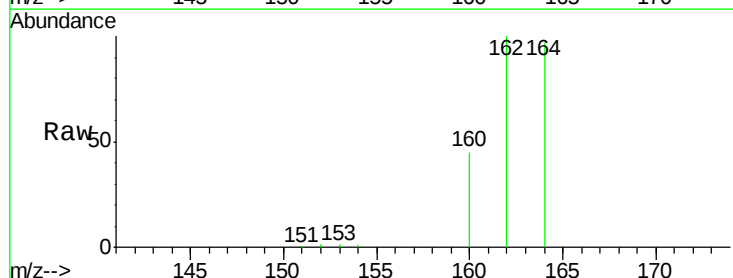
Tgt Ion:164 Resp: 27793

Ion Ratio Lower Upper

164 100

162 102.7 71.4 107.0

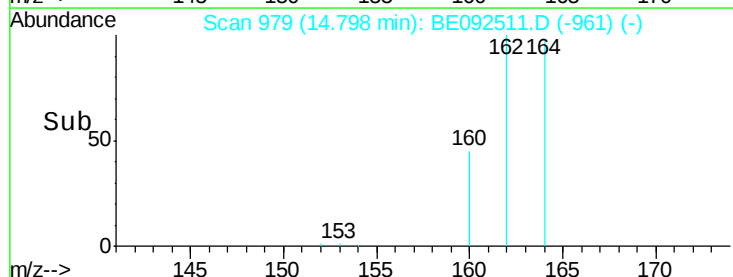
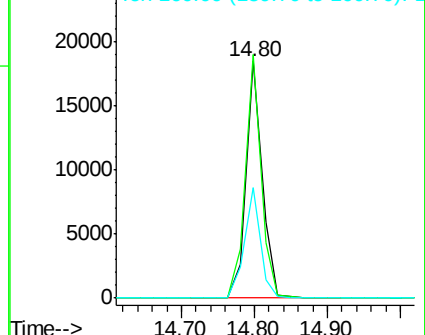
160 46.4 27.4 41.2#

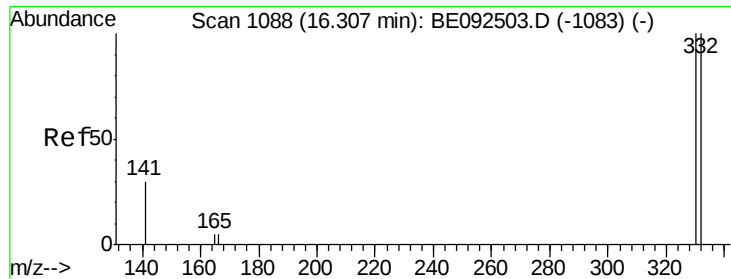


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

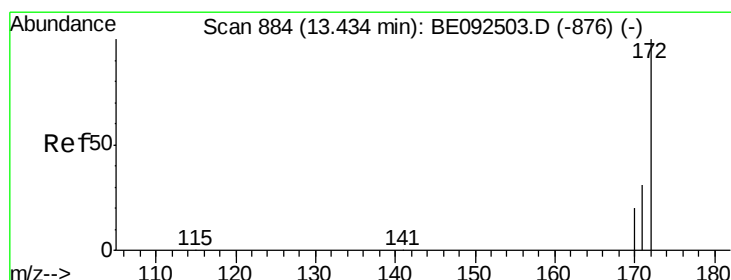
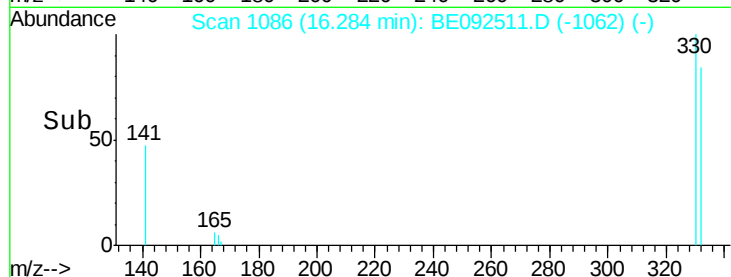
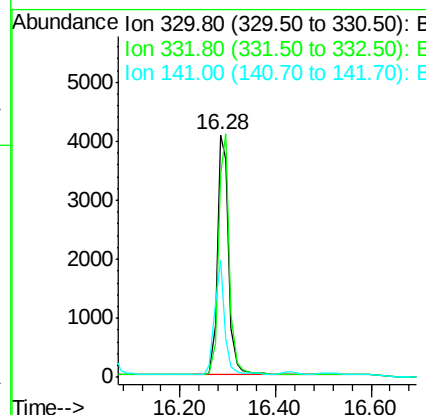
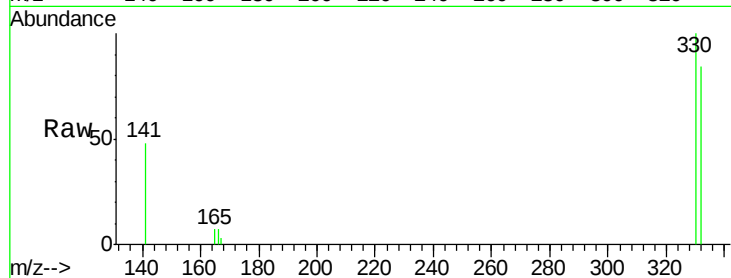




#13
 2,4,6-Tribromophenol
 Concen: 6.95 ng
 RT: 16.28 min Scan# 1086
 Delta R.T. -0.02 min
 Lab File: BE092511.D
 Acq: 8 Nov 2016 16:31

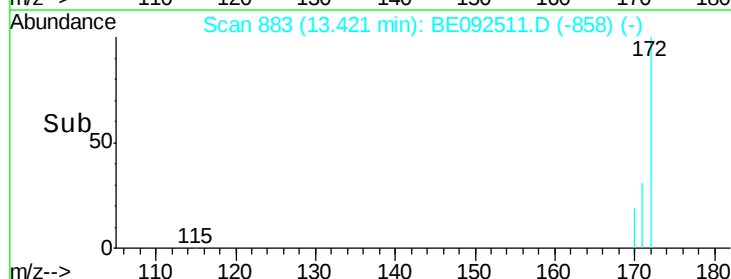
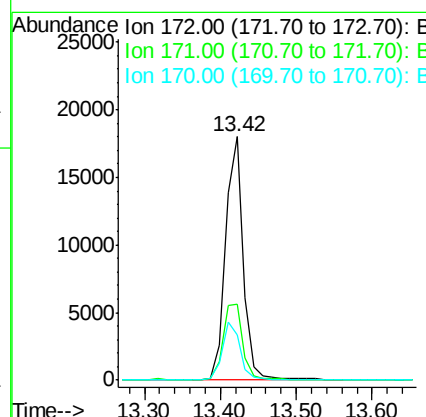
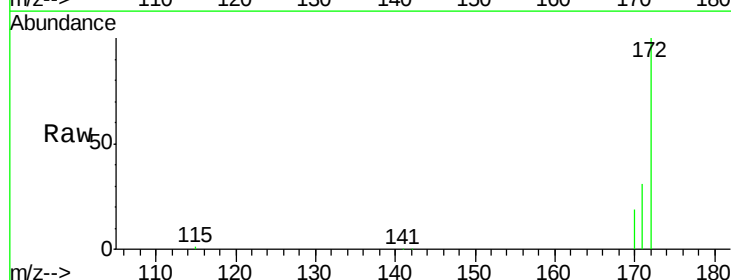
Instrument :
 BNA_E
 ClientSampleId :
 PB94535BS

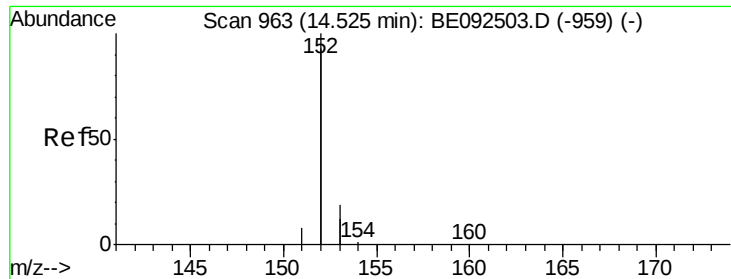
Tgt Ion:330 Resp: 6871
 Ion Ratio Lower Upper
 330 100
 332 97.2 75.4 113.0
 141 41.5 31.0 46.6



#14
 2-Fluorobiphenyl
 Concen: 4.26 ng
 RT: 13.42 min Scan# 883
 Delta R.T. -0.01 min
 Lab File: BE092511.D
 Acq: 8 Nov 2016 16:31

Tgt Ion:172 Resp: 29306
 Ion Ratio Lower Upper
 172 100
 171 31.2 30.1 45.1
 170 18.8 21.8 32.6#





#15

Acenaphthylene

Concen: 3.79 ng

RT: 14.51 min Scan# 962

Delta R.T. -0.02 min

Lab File: BE092511.D

Acq: 8 Nov 2016 16:31

Instrument :

BNA_E

ClientSampleId :

PB94535BS

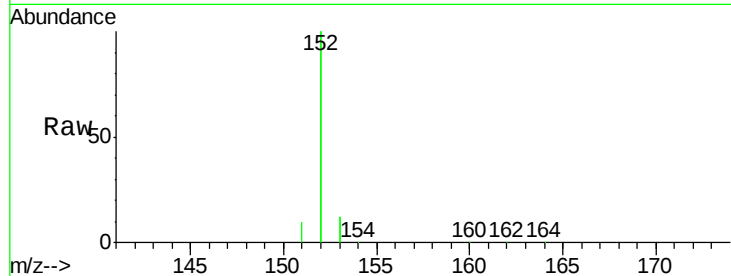
Tgt Ion:152 Resp: 151182

Ion Ratio Lower Upper

152 100

151 4.9 3.9 5.9

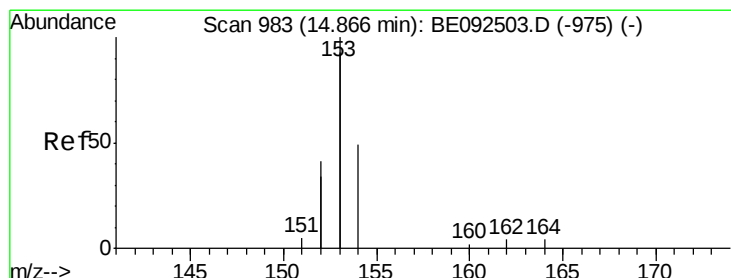
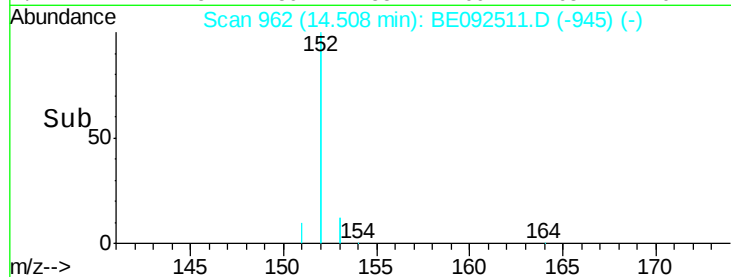
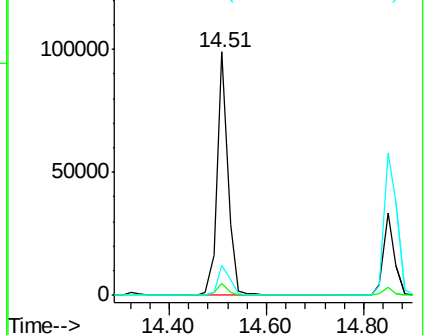
153 13.3 10.4 15.6



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: 3.58 ng

RT: 14.87 min Scan# 983

Delta R.T. -0.00 min

Lab File: BE092511.D

Acq: 8 Nov 2016 16:31

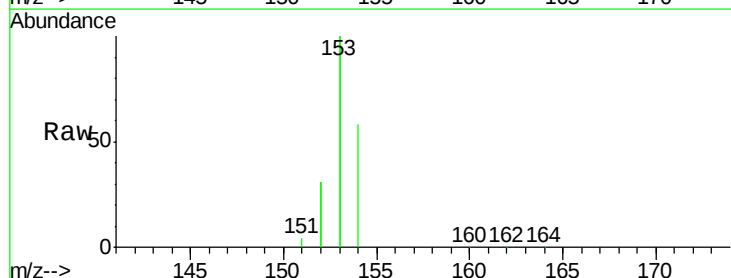
Tgt Ion:154 Resp: 23054

Ion Ratio Lower Upper

154 100

153 452.2 350.8 526.2

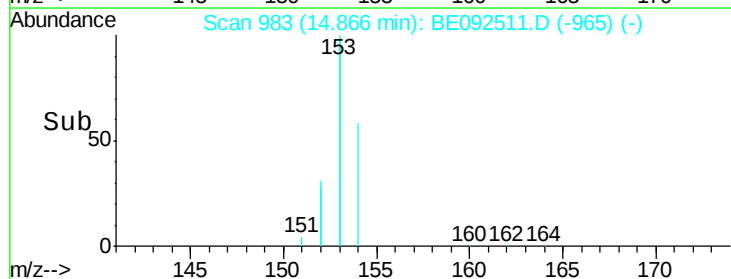
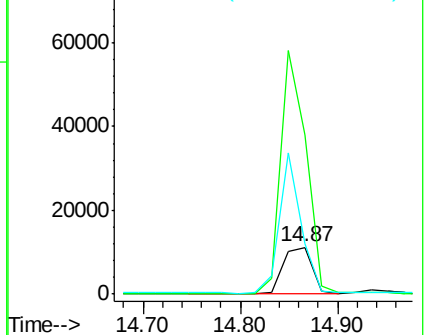
152 223.8 171.1 256.7

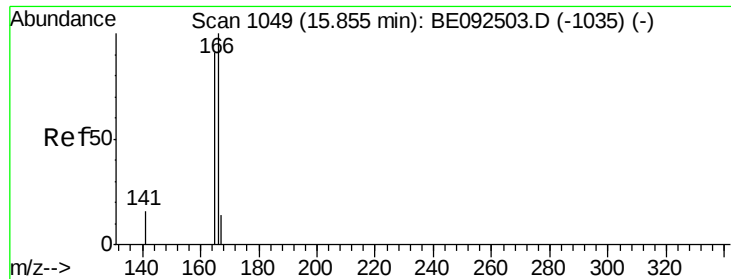


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

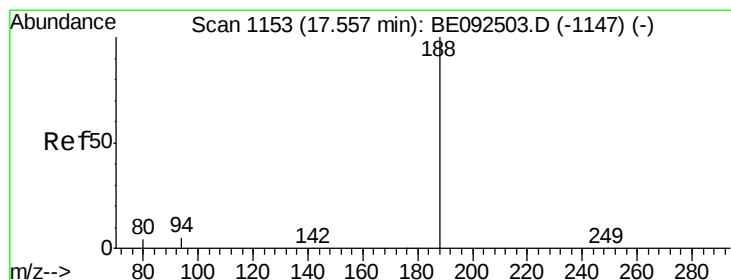
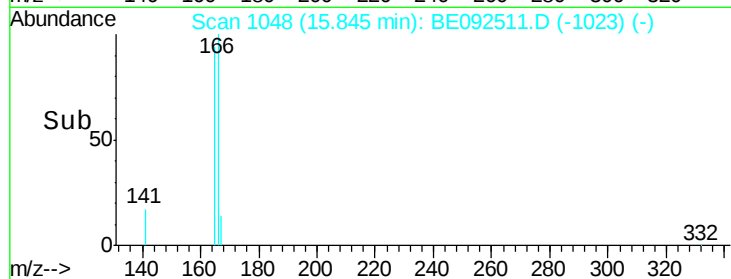
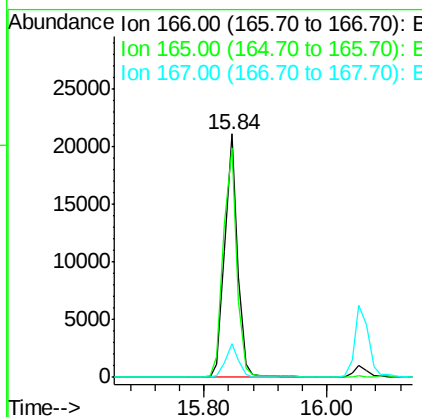
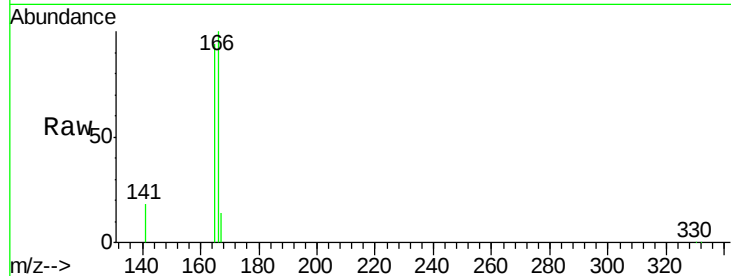




#17
Fluorene
 Concen: 3.74 ng
 RT: 15.84 min Scan# 1048
 Delta R.T. -0.01 min
 Lab File: BE092511.D
 Acq: 8 Nov 2016 16:31

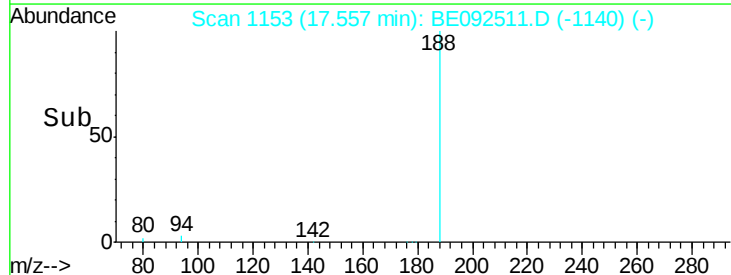
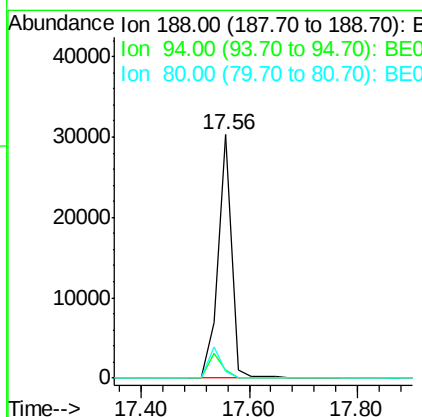
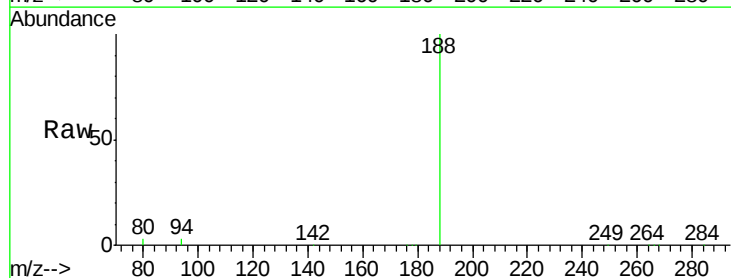
Instrument :
 BNA_E
 ClientSampled :
 PB94535BS

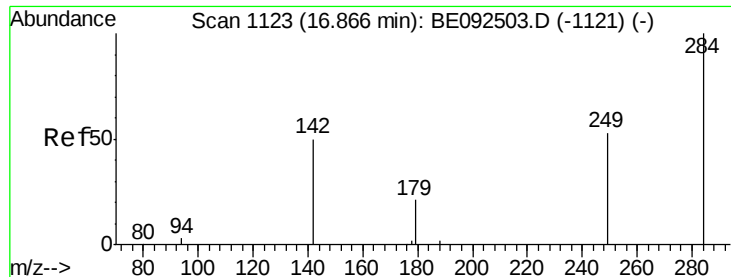
Tgt Ion:166 Resp: 30240
 Ion Ratio Lower Upper
 166 100
 165 98.6 78.2 117.4
 167 13.5 11.0 16.4



#18
Phenanthrene-d10
 Concen: 5.00 ng
 RT: 17.56 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: BE092511.D
 Acq: 8 Nov 2016 16:31

Tgt Ion:188 Resp: 53566
 Ion Ratio Lower Upper
 188 100
 94 3.4 3.2 4.8
 80 2.7 2.6 3.8

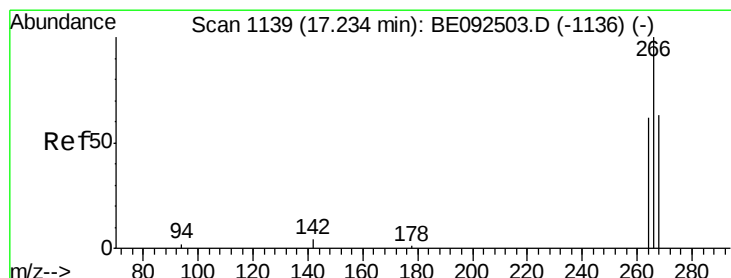
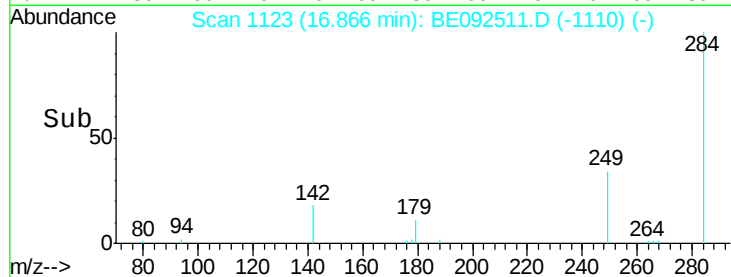
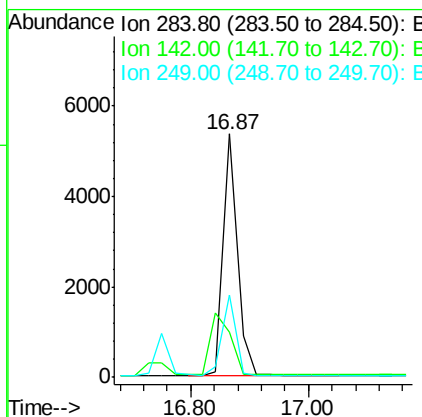
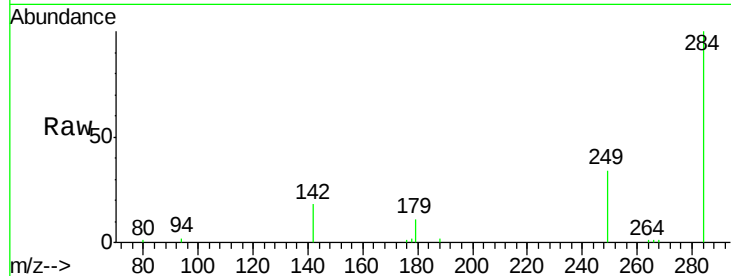




#19
Hexachlorobenzene
Concen: 4.31 ng
RT: 16.87 min Scan# 1123
Delta R.T. -0.00 min
Lab File: BE092511.D
Acq: 8 Nov 2016 16:31

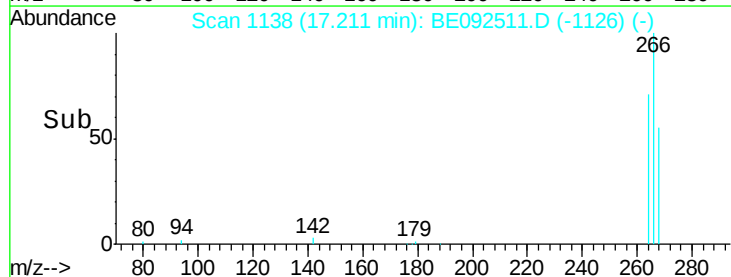
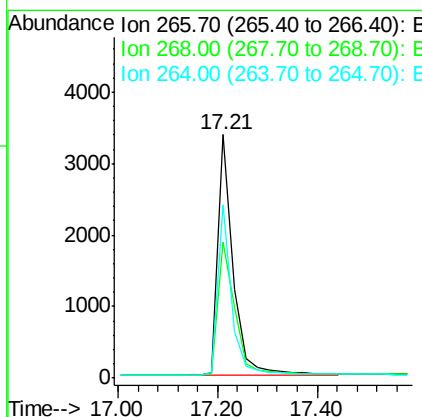
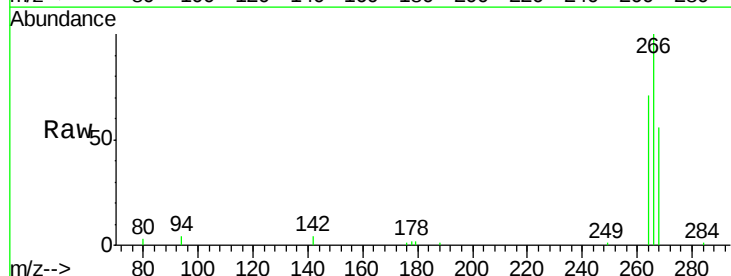
Instrument :
BNA_E
ClientSampleId :
PB94535BS

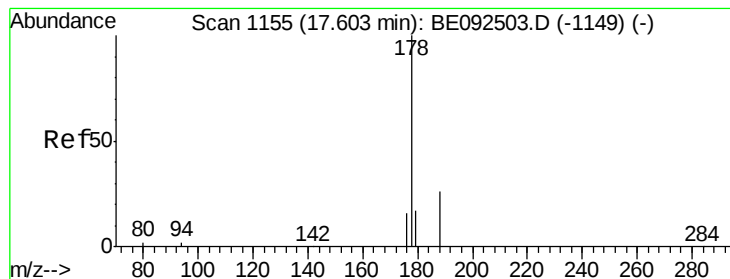
Tgt Ion: 284 Resp: 8709
Ion Ratio Lower Upper
284 100
142 0.0 29.1 43.7#
249 34.3 27.9 41.9



#20
Pentachlorophenol
Concen: 12.16 ng
RT: 17.21 min Scan# 1138
Delta R.T. -0.02 min
Lab File: BE092511.D
Acq: 8 Nov 2016 16:31

Tgt Ion: 266 Resp: 7111
Ion Ratio Lower Upper
266 100
268 55.7 62.5 93.7#
264 70.9 57.2 85.8





#21

Phenanthrene

Concen: 4.26 ng

RT: 17.58 min Scan# 1154

Delta R.T. -0.02 min

Lab File: BE092511.D

Acq: 8 Nov 2016 16:31

Instrument :

BNA_E

ClientSampleId :

PB94535BS

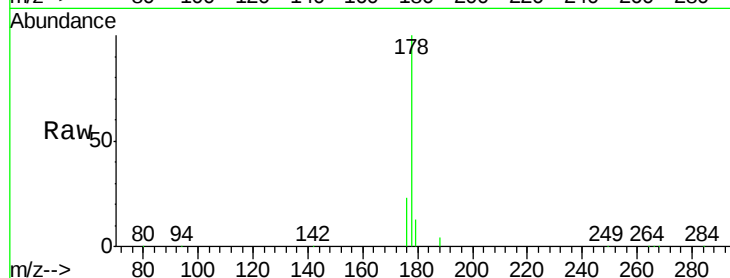
Tgt Ion:178 Resp: 49348

Ion Ratio Lower Upper

178 100

176 20.1 15.8 23.8

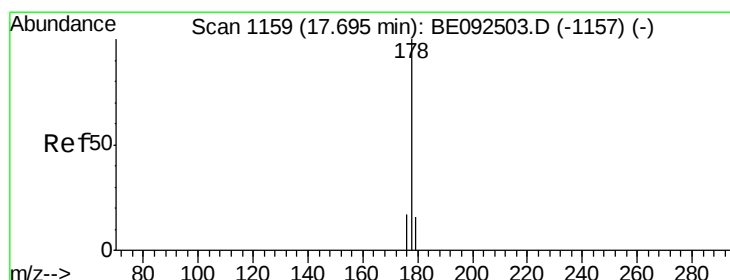
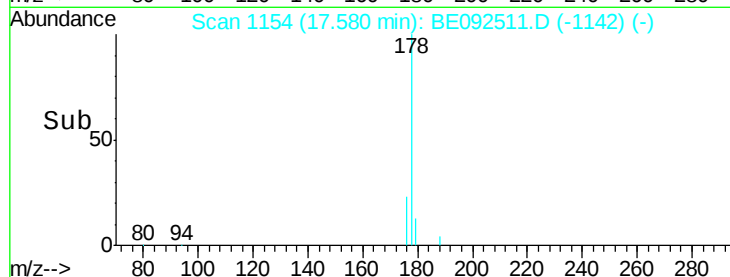
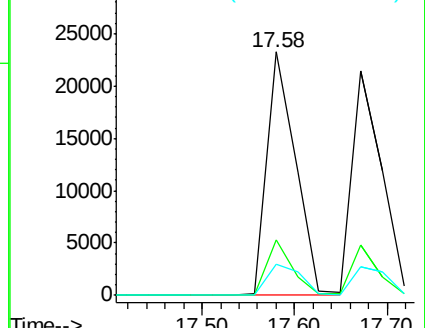
179 14.8 16.0 24.0#



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: 4.27 ng

RT: 17.67 min Scan# 1158

Delta R.T. -0.02 min

Lab File: BE092511.D

Acq: 8 Nov 2016 16:31

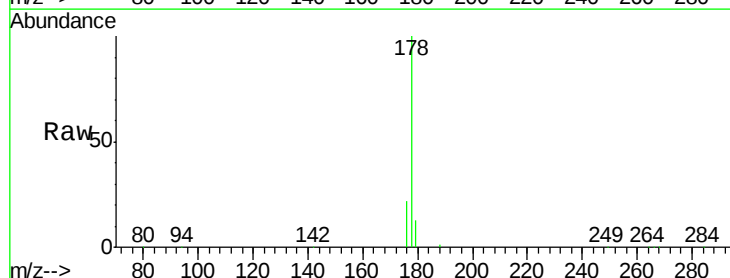
Tgt Ion:178 Resp: 47945

Ion Ratio Lower Upper

178 100

176 19.3 15.0 22.4

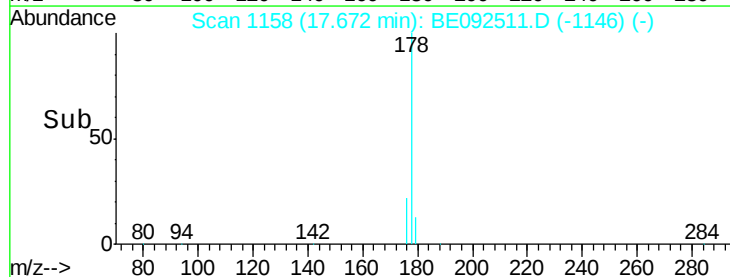
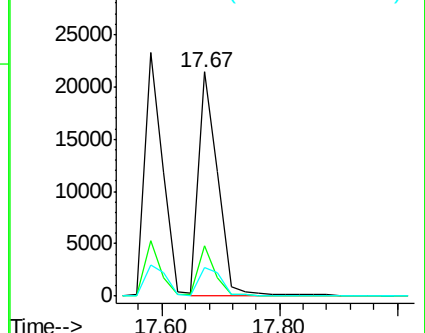
179 15.2 12.2 18.2

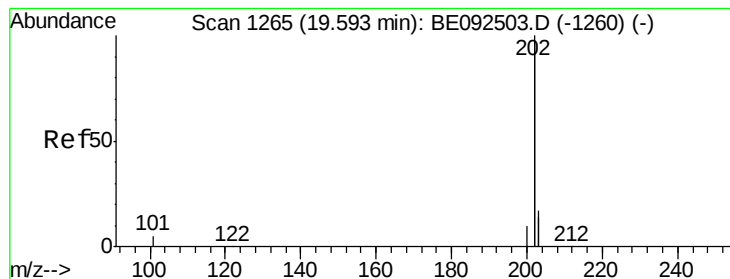


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#23

Fluoranthene

Concen: 3.75 ng

RT: 19.59 min Scan# 1265

Delta R.T. 0.00 min

Lab File: BE092511.D

Acq: 8 Nov 2016 16:31

Instrument :

BNA_E

ClientSampleId :

PB94535BS

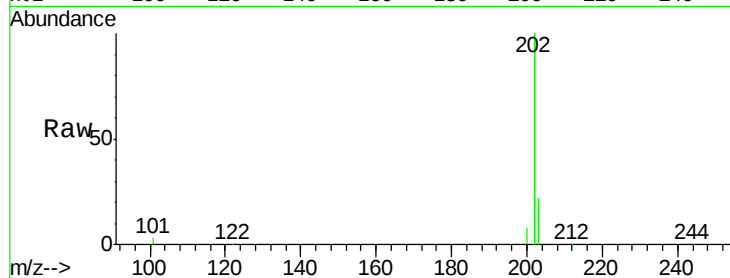
Tgt Ion: 202 Resp: 218115

Ion Ratio Lower Upper

202 100

101 2.9 2.2 3.4

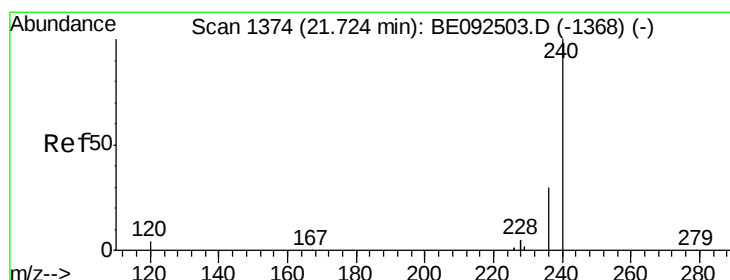
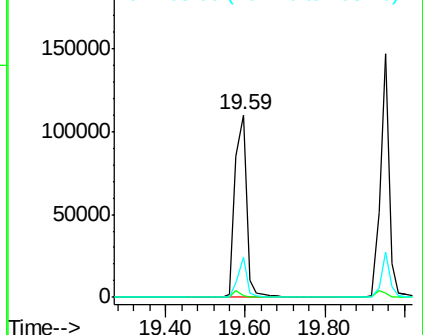
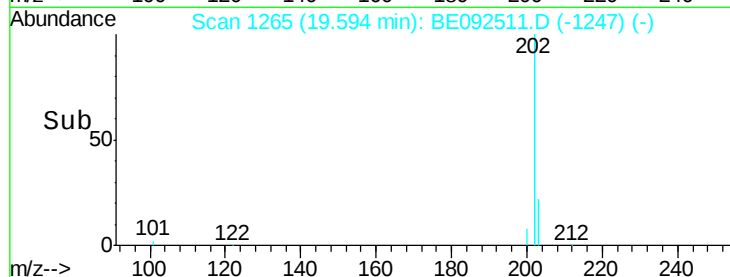
203 17.6 13.7 20.5



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: 21.72 min Scan# 1374

Delta R.T. 0.00 min

Lab File: BE092511.D

Acq: 8 Nov 2016 16:31

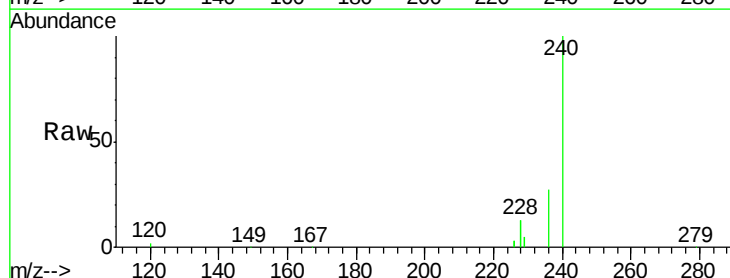
Tgt Ion: 240 Resp: 72350

Ion Ratio Lower Upper

240 100

120 2.1 2.6 4.0#

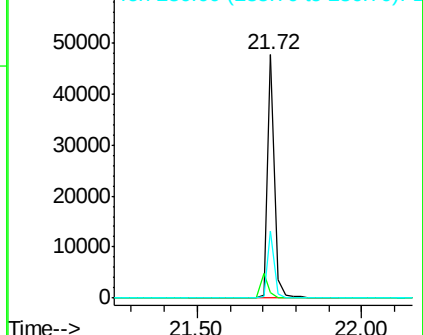
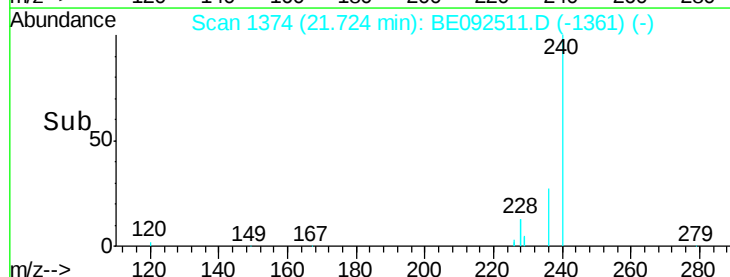
236 27.3 24.6 37.0

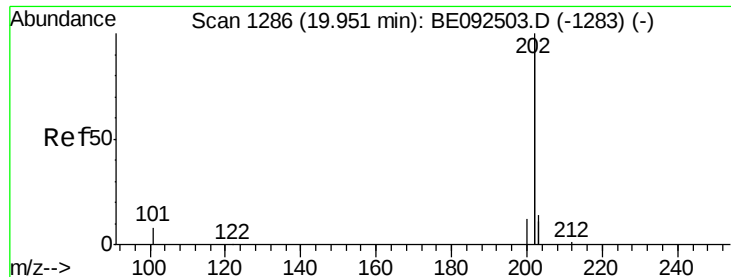


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

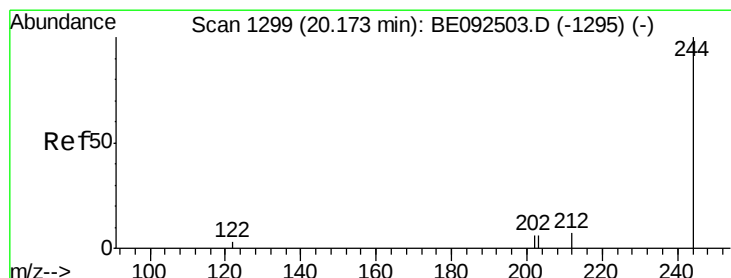
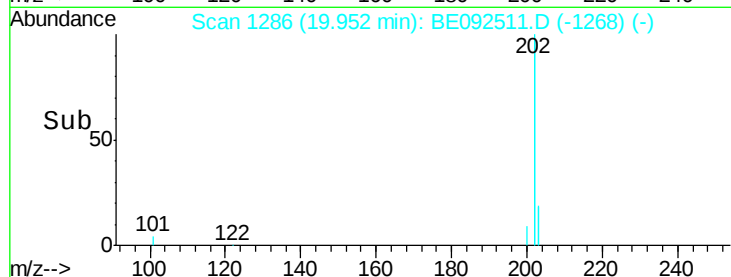
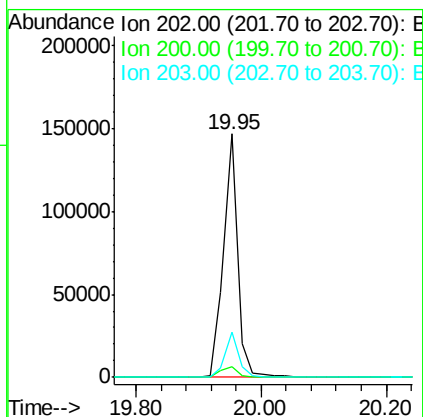
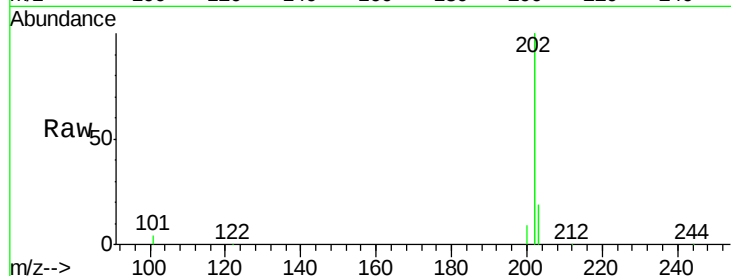




#25
 Pyrene
 Concen: 3.87 ng
 RT: 19.95 min Scan# 1286
 Delta R.T. 0.00 min
 Lab File: BE092511.D
 Acq: 8 Nov 2016 16:31

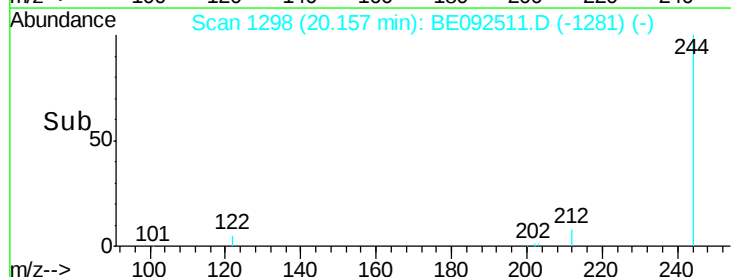
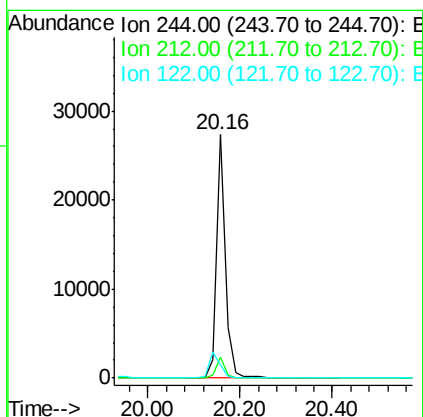
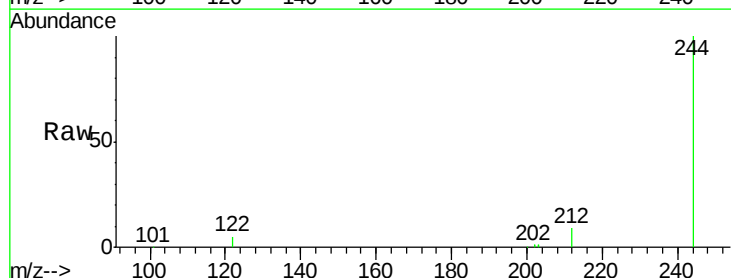
Instrument :
 BNA_E
 ClientSampleId :
 PB94535BS

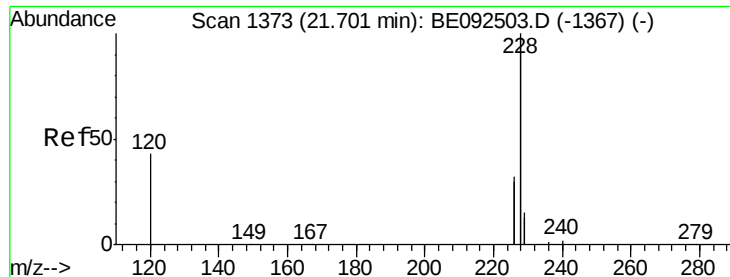
Tgt Ion: 202 Resp: 229493
 Ion Ratio Lower Upper
 202 100
 200 5.3 4.2 6.4
 203 17.9 13.9 20.9



#26
 Terphenyl-d14
 Concen: 4.22 ng
 RT: 20.16 min Scan# 1298
 Delta R.T. -0.02 min
 Lab File: BE092511.D
 Acq: 8 Nov 2016 16:31

Tgt Ion: 244 Resp: 37079
 Ion Ratio Lower Upper
 244 100
 212 8.6 6.7 10.1
 122 5.3 3.6 5.4





#27

Benzo(a)anthracene

Concen: 6.60 ng

RT: 21.70 min Scan# 1373

Delta R.T. 0.00 min

Lab File: BE092511.D

Acq: 8 Nov 2016 16:31

Instrument :

BNA_E

ClientSampleId :

PB94535BS

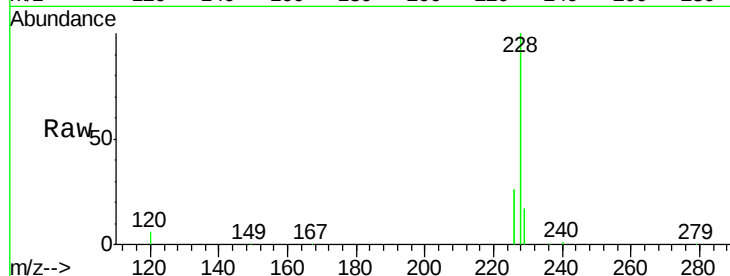
Tgt Ion:228 Resp: 483720

Ion Ratio Lower Upper

228 100

226 26.3 23.6 35.4

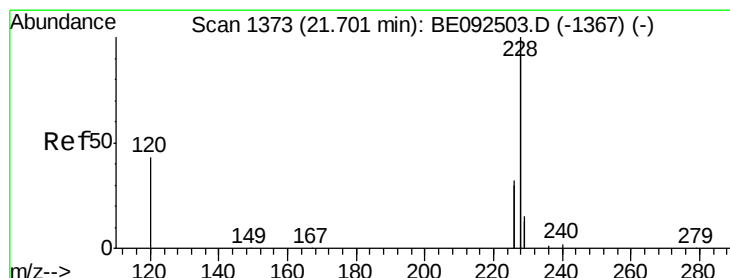
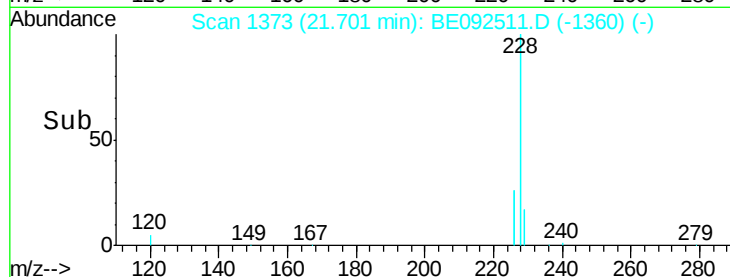
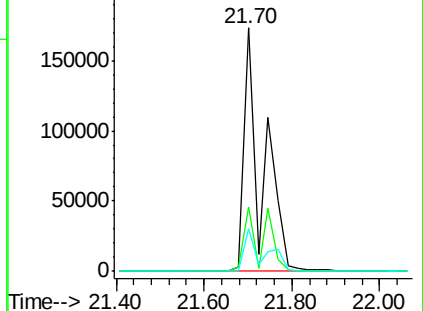
229 17.3 13.3 19.9



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: 8.43 ng

RT: 21.70 min Scan# 1373

Delta R.T. -0.07 min

Lab File: BE092511.D

Acq: 8 Nov 2016 16:31

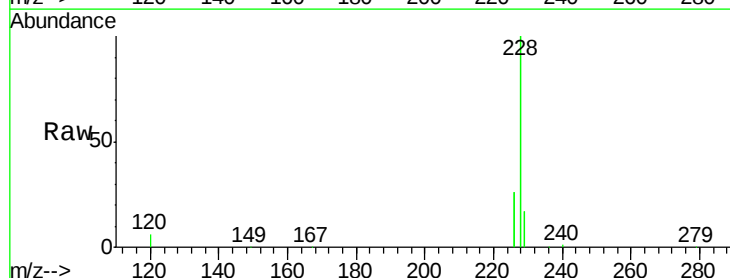
Tgt Ion:228 Resp: 485206

Ion Ratio Lower Upper

228 100

226 26.3 36.3 54.5#

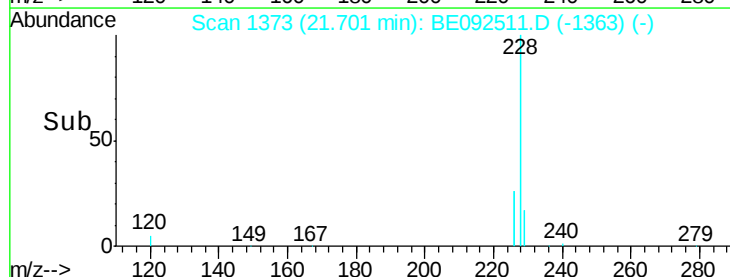
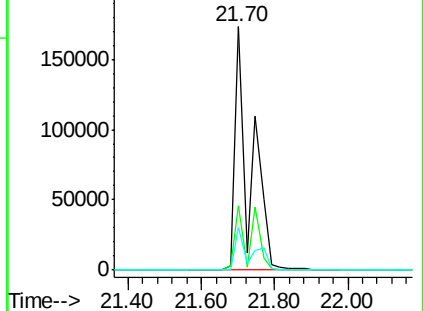
229 17.3 10.6 16.0#

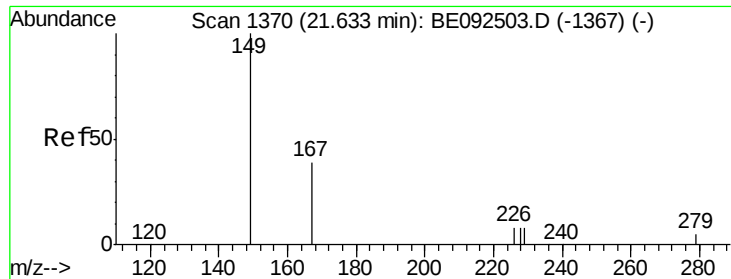


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#29

Bis(2-ethylhexyl)phthalate

Concen: 3.42 ng

RT: 21.61 min Scan# 1369

Delta R.T. -0.02 min

Lab File: BE092511.D

Acq: 8 Nov 2016 16:31

Instrument :

BNA_E

ClientSampleId :

PB94535BS

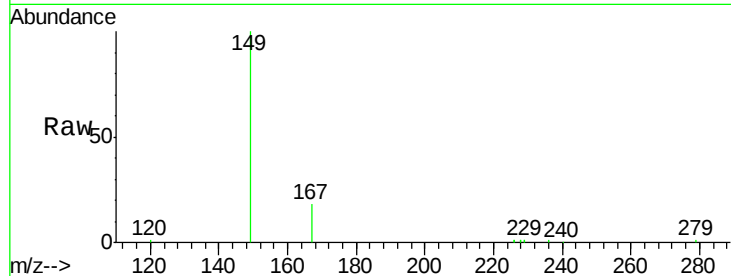
Tgt Ion:149 Resp: 21915

Ion Ratio Lower Upper

149 100

167 0.0 16.0 24.0#

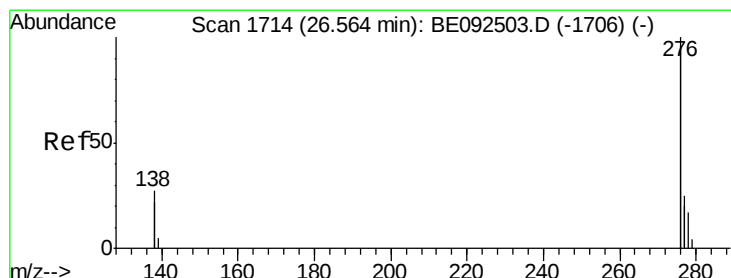
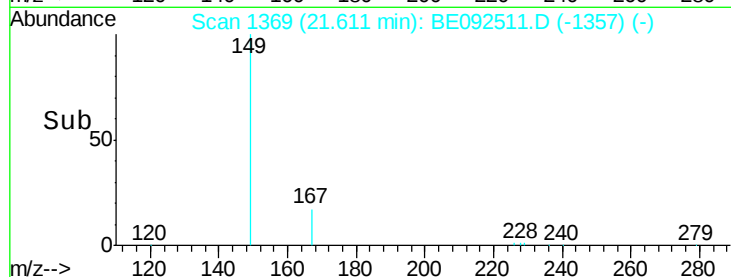
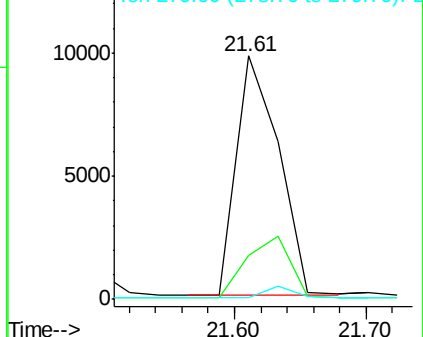
279 0.0 16.0 24.0#



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: 3.55 ng

RT: 26.55 min Scan# 1713

Delta R.T. -0.02 min

Lab File: BE092511.D

Acq: 8 Nov 2016 16:31

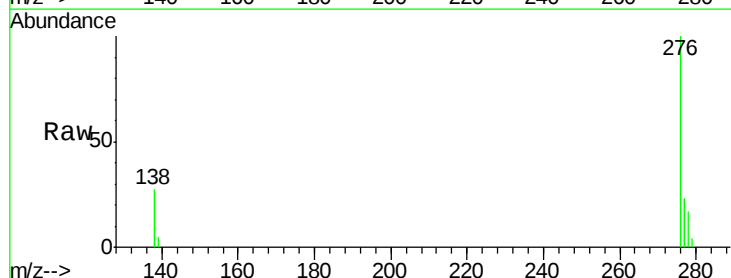
Tgt Ion:276 Resp: 283802

Ion Ratio Lower Upper

276 100

138 26.9 20.3 30.5

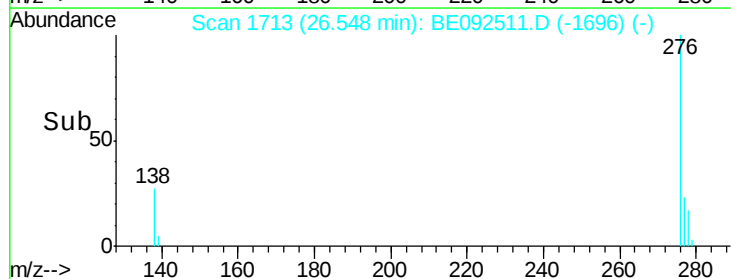
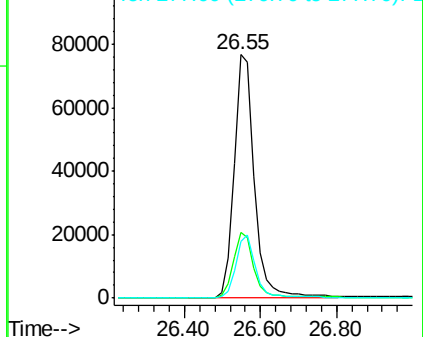
277 24.9 19.7 29.5

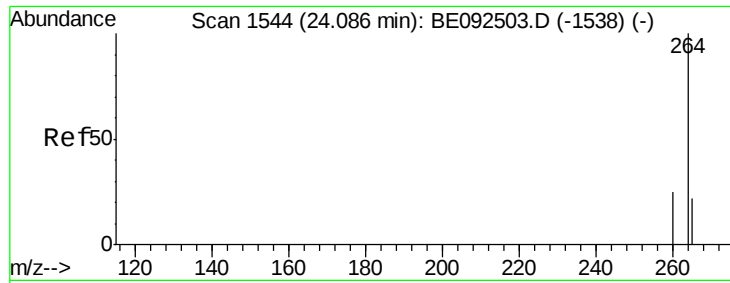


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

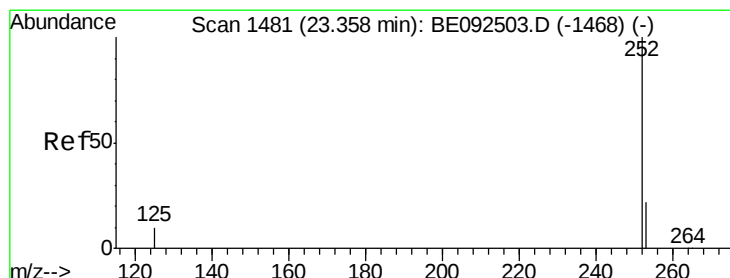
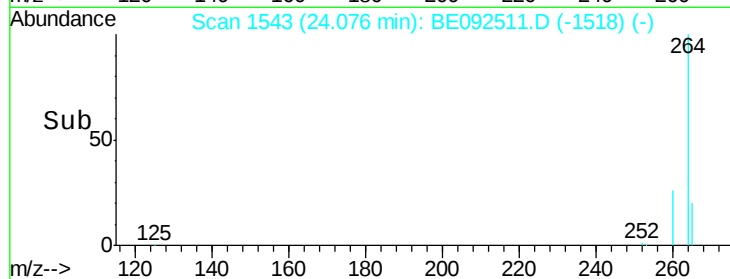
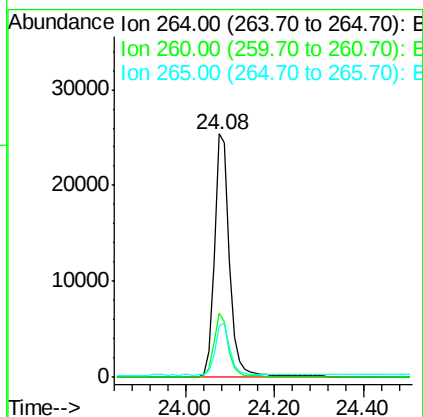
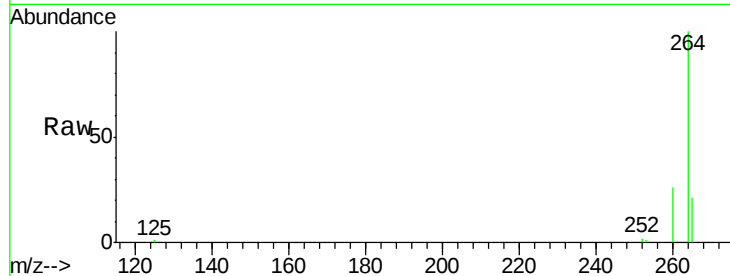




#31
Perylene-d12
 Concen: 5.00 ng
 RT: 24.08 min Scan# 1543
 Delta R.T. -0.01 min
 Lab File: BE092511.D
 Acq: 8 Nov 2016 16:31

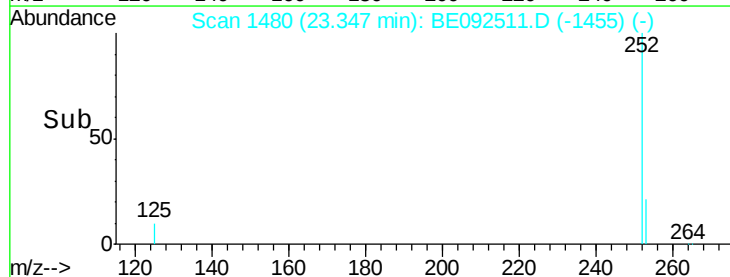
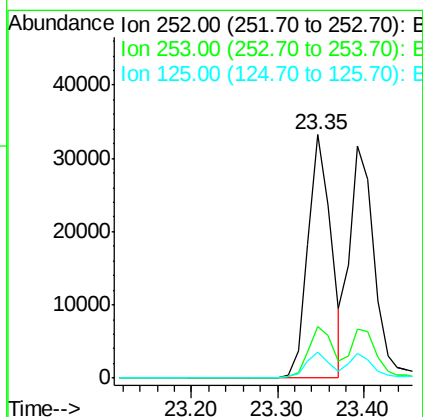
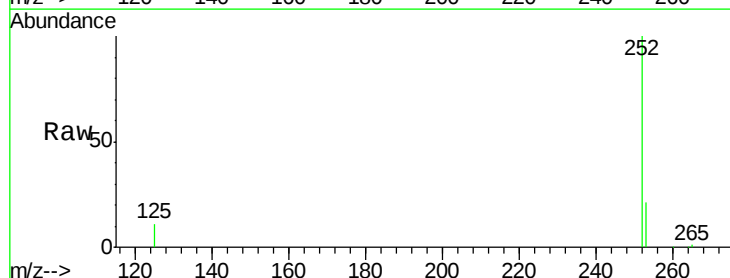
Instrument :
 BNA_E
 ClientSampleId :
 PB94535BS

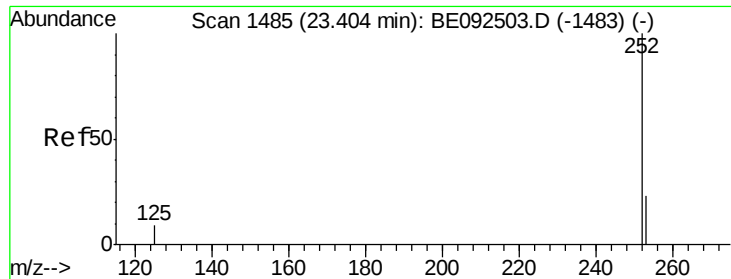
Tgt Ion: 264 Resp: 59341
 Ion Ratio Lower Upper
 264 100
 260 26.2 20.1 30.1
 265 21.2 17.9 26.9



#32
Benzo(b)fluoranthene
 Concen: 4.00 ng
 RT: 23.35 min Scan# 1480
 Delta R.T. -0.01 min
 Lab File: BE092511.D
 Acq: 8 Nov 2016 16:31

Tgt Ion: 252 Resp: 61277
 Ion Ratio Lower Upper
 252 100
 253 21.5 18.7 28.1
 125 10.5 10.5 15.7





#33

Benzo(k)fluoranthene

Concen: 3.97 ng

RT: 23.39 min Scan# 1484

Delta R.T. -0.01 min

Lab File: BE092511.D

Acq: 8 Nov 2016 16:31

Instrument :

BNA_E

ClientSampleId :

PB94535BS

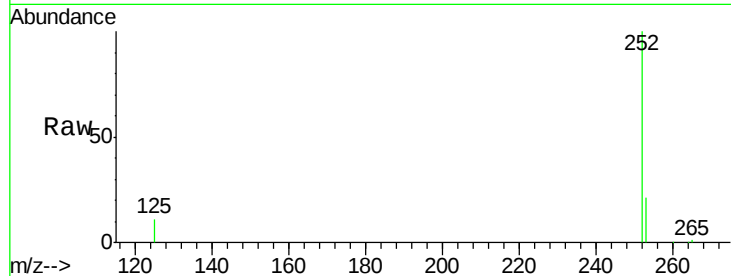
Tgt Ion:252 Resp: 64186

Ion Ratio Lower Upper

252 100

253 21.1 20.3 30.5

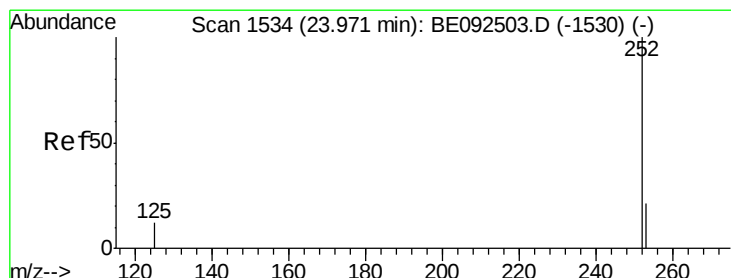
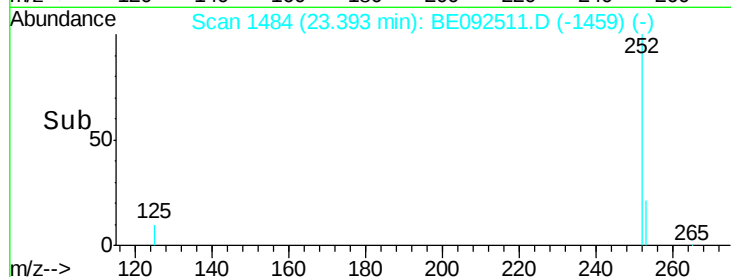
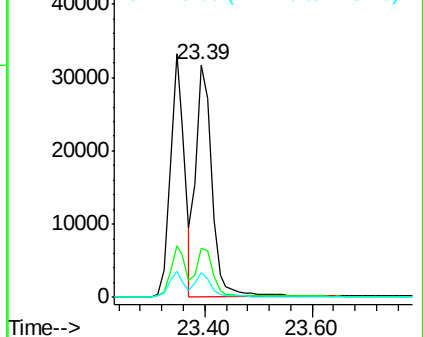
125 10.6 9.6 14.4



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: 3.70 ng

RT: 23.97 min Scan# 1534

Delta R.T. 0.00 min

Lab File: BE092511.D

Acq: 8 Nov 2016 16:31

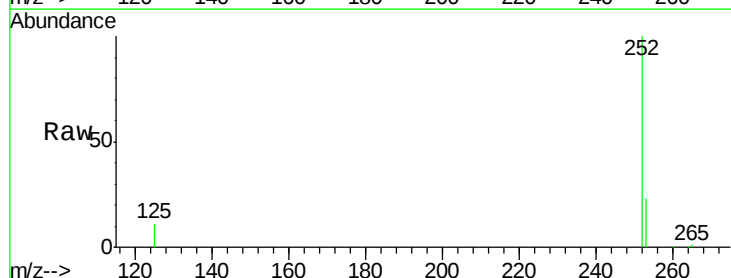
Tgt Ion:252 Resp: 56779

Ion Ratio Lower Upper

252 100

253 22.8 19.0 28.6

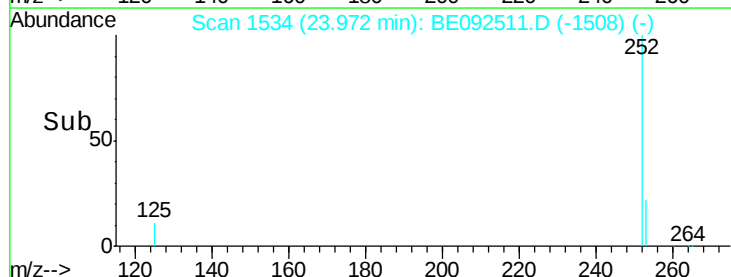
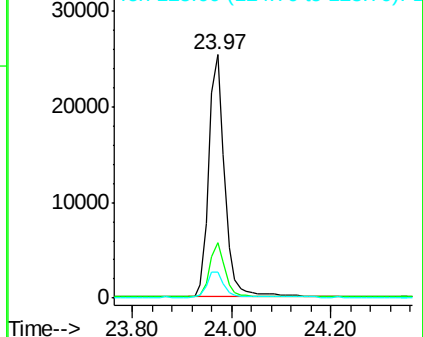
125 10.9 11.8 17.8#

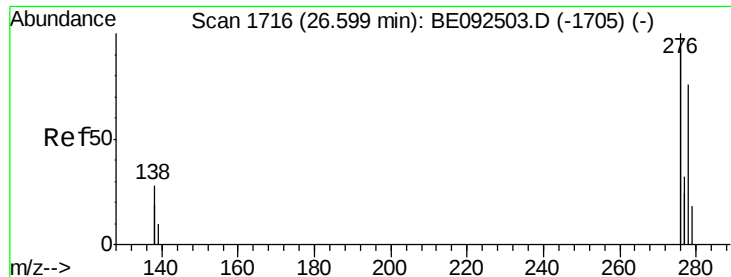


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

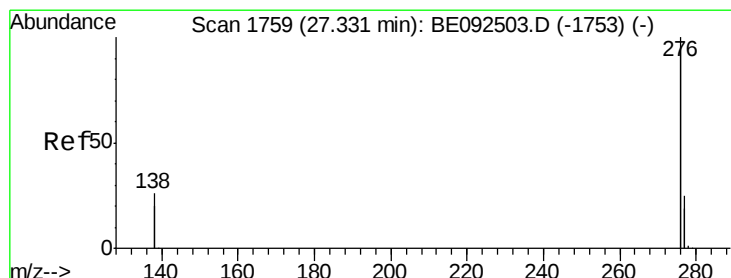
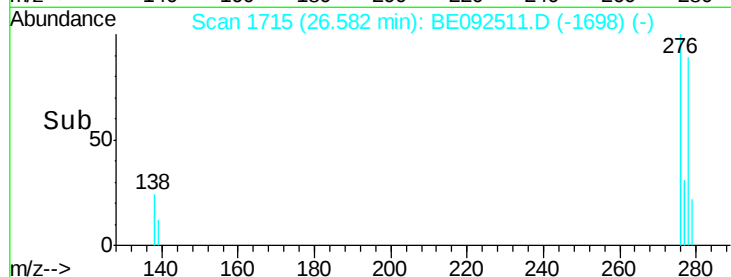
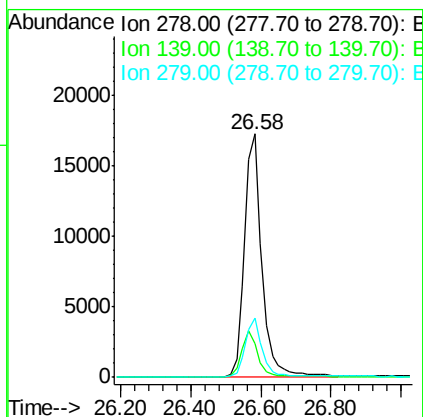
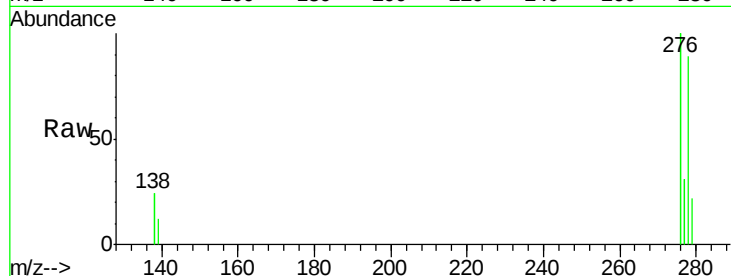




#35
Dibenzo(a,h)anthracene
Concen: 4.10 ng
RT: 26.58 min Scan# 1715
Delta R.T. -0.02 min
Lab File: BE092511.D
Acq: 8 Nov 2016 16:31

Instrument :
BNA_E
ClientSampleId :
PB94535BS

Tgt Ion: 278 Resp: 59205
Ion Ratio Lower Upper
278 100
139 13.7 13.8 20.8#
279 24.5 21.4 32.2



#36
Benzo(g,h,i)perylene
Concen: 4.13 ng
RT: 27.31 min Scan# 1758
Delta R.T. -0.02 min
Lab File: BE092511.D
Acq: 8 Nov 2016 16:31

Tgt Ion: 276 Resp: 245405
Ion Ratio Lower Upper
276 100
277 23.1 19.8 29.8
138 24.3 19.8 29.6

