

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE013117\
 Data File : BE092703.D
 Acq On : 1 Feb 2017 1:12
 Operator : SJ/MA
 Sample : I1505-04MS 10X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SB-01CMS

Quant Time: Feb 01 02:25:06 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE011617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 17 10:14:01 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	13597	5.00	ng	0.00
7) Naphthalene-d8	10.91	136	67584	5.00	ng	0.00
12) Acenaphthene-d10	14.78	164	43211	5.00	ng	0.00
18) Phenanthrene-d10	17.53	188	91371	5.00	ng	0.00
24) Chrysene-d12	21.72	240	85467	5.00	ng	0.00
31) Perylene-d12	24.06	264	90395	5.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.65	112	3193	1.05	ng	0.00
5) Phenol-d6	7.31	99	4557	1.22	ng	-0.02
8) Nitrobenzene-d5	9.32	82	2149	0.49	ng	-0.02
13) 2,4,6-Tribromophenol	16.28	330	1151	1.02	ng	-0.01
14) 2-Fluorobiphenyl	13.40	172	5039	0.47	ng	-0.02
26) Terphenyl-d14	20.14	244	5846	0.48	ng	-0.02

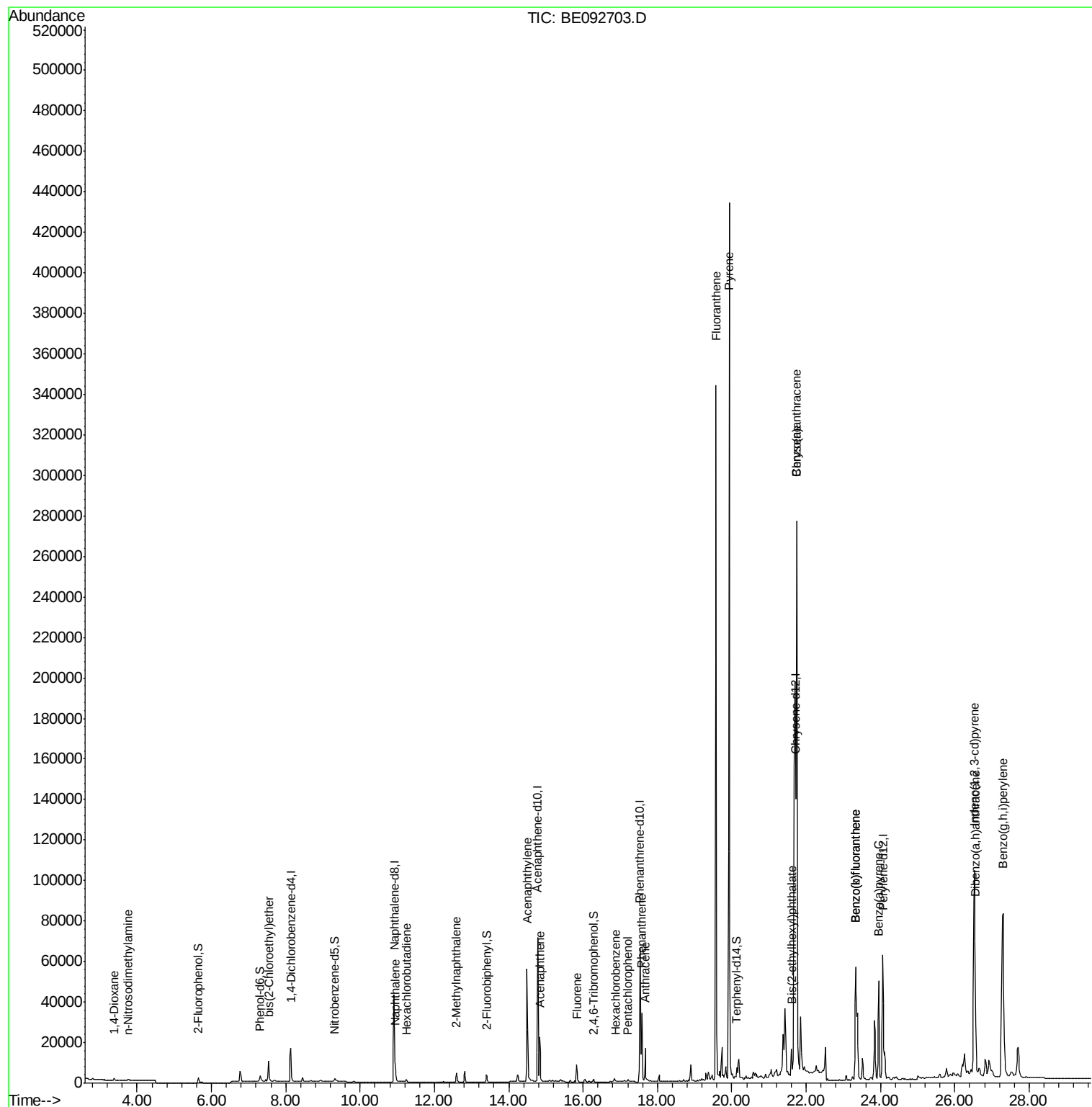
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.39	88	678	0.30	ng	# 72
3) n-Nitrosodimethylamine	3.76	42	949	0.39	ng	# 96
6) bis(2-Chloroethyl)ether	7.54	93	18832	4.77	ng	# 24
9) Naphthalene	10.95	128	7508	0.53	ng	96
10) Hexachlorobutadiene	11.24	225	1008	0.48	ng	99
11) 2-Methylnaphthalene	12.59	142	4748	0.54	ng	97
15) Acenaphthylene	14.49	152	89521	1.50	ng	100
16) Acenaphthene	14.85	154	5169	0.54	ng	94
17) Fluorene	15.83	166	7228	0.60	ng	97
19) Hexachlorobenzene	16.87	284	1718	0.49	ng	# 39
20) Pentachlorophenol	17.21	266	1091	1.16	ng	91
21) Phenanthrene	17.58	178	43817	2.17	ng	95
22) Anthracene	17.67	178	24482	1.32	ng	99
23) Fluoranthene	19.58	202	472791	5.29	ng	99
25) Pyrene	19.93	202	497578	5.91	ng	95
27) Benzo(a)anthracene	21.75	228	608354	7.23	ng	# 85
28) Chrysene	21.75	228	608354	6.42	ng	# 67
29) Bis(2-ethylhexyl)phthalate	21.61	149	15845	1.12	ng	# 75
30) Indeno(1,2,3-cd)pyrene	26.53	276	214877	2.10	ng	99
32) Benzo(b)fluoranthene	23.34	252	140920	6.44	ng	98
33) Benzo(k)fluoranthene	23.34	252	140920	6.42	ng	97
34) Benzo(a)pyrene	23.95	252	74066	3.61	ng	96
35) Dibenzo(a,h)anthracene	26.55	278	20038	1.00	ng	99
36) Benzo(g,h,i)perylene	27.30	276	207683	2.44	ng	97

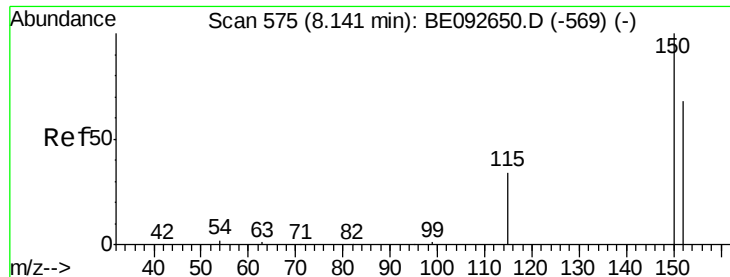
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.14 min Scan# 575

Delta R.T. 0.00 min

Lab File: BE092703.D

Acq: 1 Feb 2017 1:12

Instrument :

BNA_E

ClientSampleId :

SB-01CMS

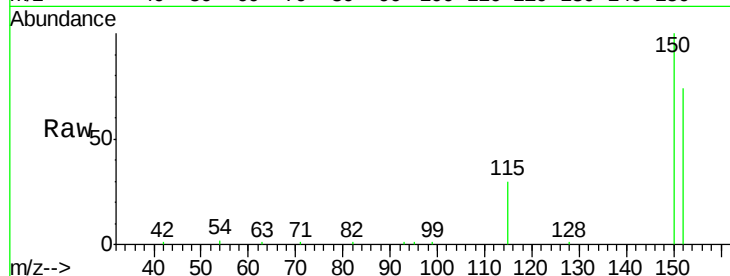
Tgt Ion:152 Resp: 13597

Ion Ratio Lower Upper

152 100

150 135.5 106.0 159.0

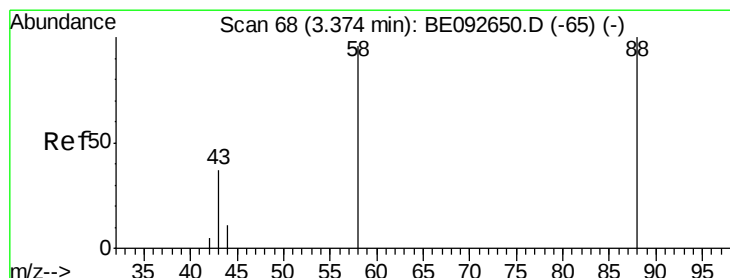
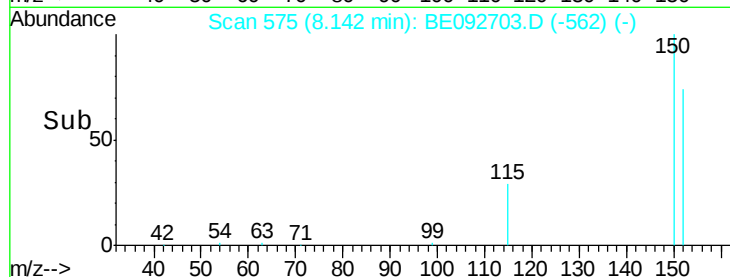
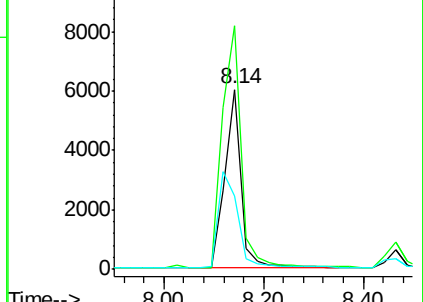
115 40.6 31.2 46.8



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: 0.30 ng

RT: 3.39 min Scan# 69

Delta R.T. 0.01 min

Lab File: BE092703.D

Acq: 1 Feb 2017 1:12

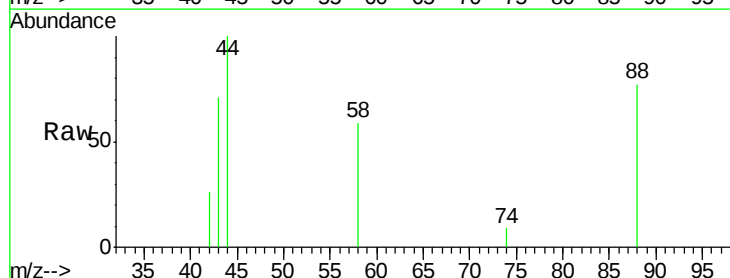
Tgt Ion: 88 Resp: 678

Ion Ratio Lower Upper

88 100

58 87.0 63.6 95.4

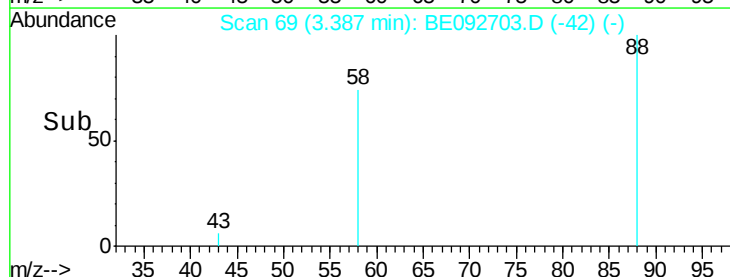
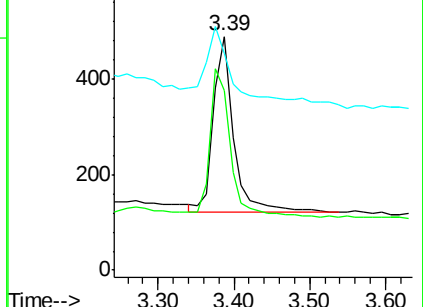
43 77.4 28.0 42.0#

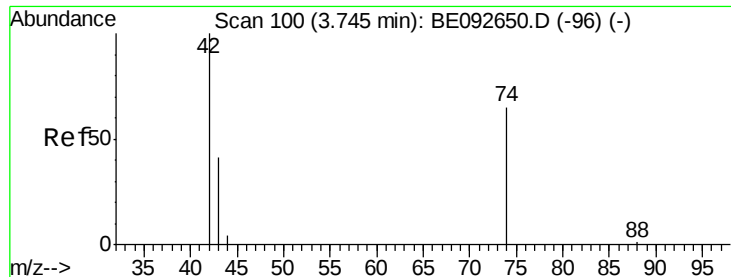


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



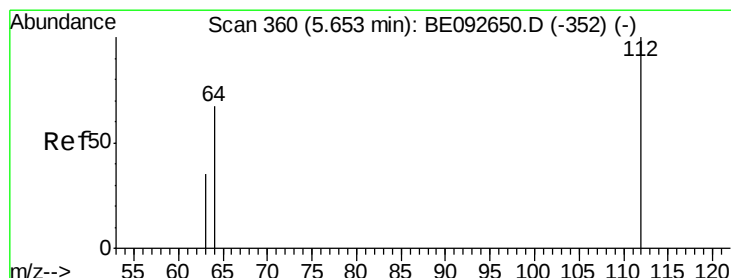
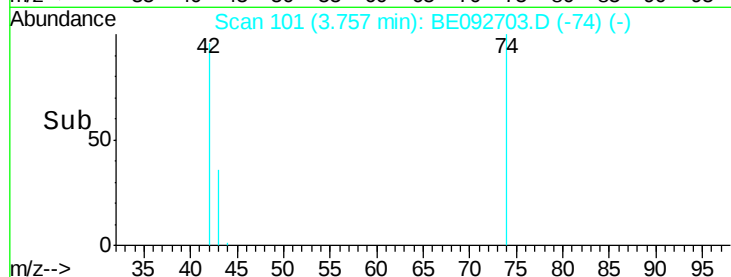
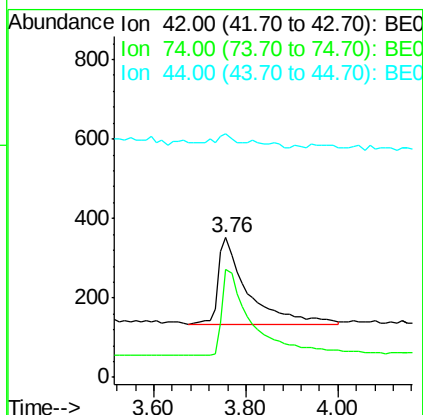
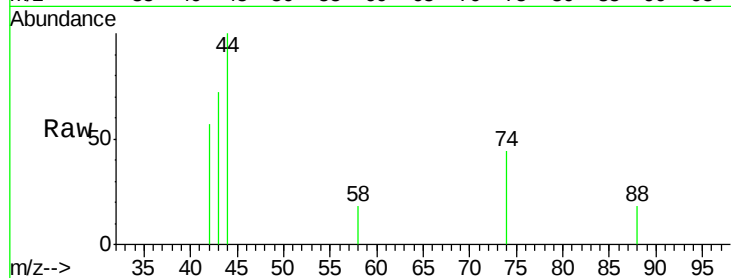


#3

n-Nitrosodimethylamine
Concen: 0.39 ng
RT: 3.76 min Scan# 101
Delta R.T. 0.01 min
Lab File: BE092703.D
Acq: 1 Feb 2017 1:12

Instrument :
BNA_E
ClientSampleId :
SB-01CMS

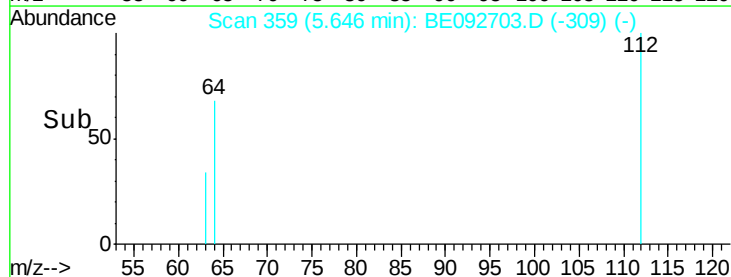
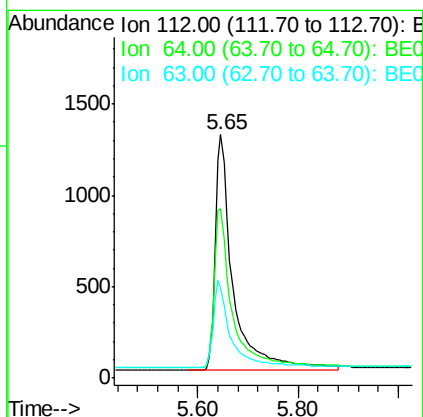
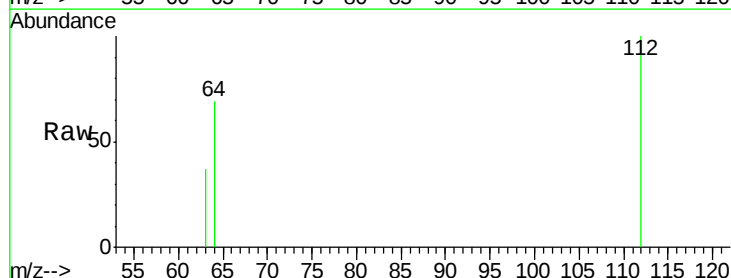
Tgt Ion: 42 Resp: 949
Ion Ratio Lower Upper
42 100
74 103.2 86.0 129.0
44 9.3 5.1 7.7#

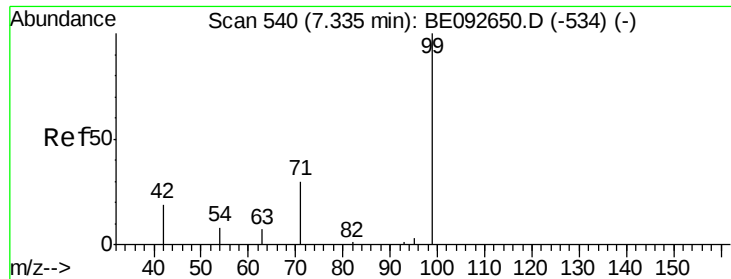


#4

2-Fluorophenol
Concen: 1.05 ng
RT: 5.65 min Scan# 359
Delta R.T. -0.01 min
Lab File: BE092703.D
Acq: 1 Feb 2017 1:12

Tgt Ion: 112 Resp: 3193
Ion Ratio Lower Upper
112 100
64 69.2 53.5 80.3
63 36.8 27.9 41.9





#5

Phenol-d6

Concen: 1.22 ng

RT: 7.31 min Scan# 539

Delta R.T. -0.02 min

Lab File: BE092703.D

Acq: 1 Feb 2017 1:12

Instrument :

BNA_E

ClientSampleId :

SB-01CMS

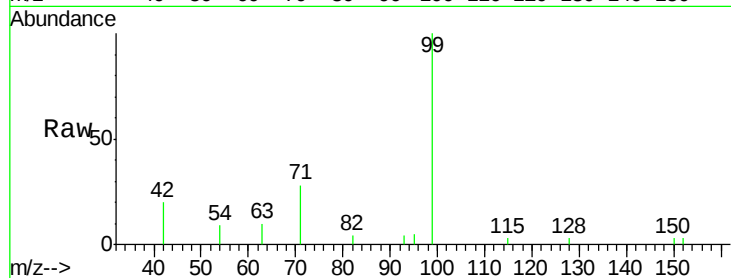
Tgt Ion: 99 Resp: 4557

Ion Ratio Lower Upper

99 100

42 0.0 16.0 24.0#

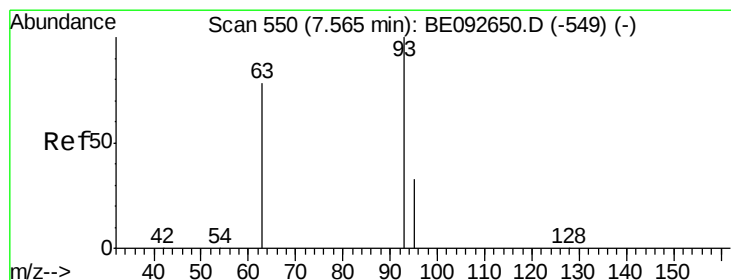
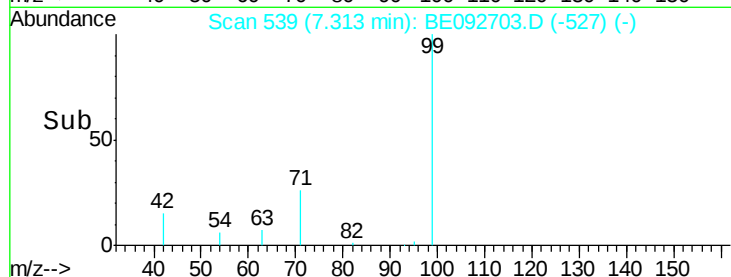
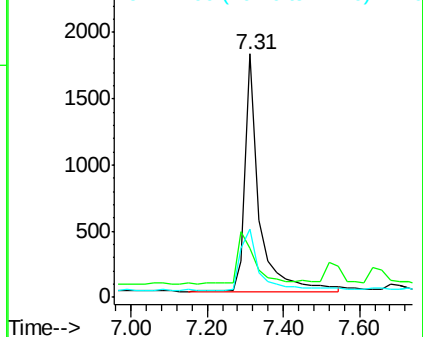
71 35.2 30.6 45.8



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: 4.77 ng

RT: 7.54 min Scan# 549

Delta R.T. -0.02 min

Lab File: BE092703.D

Acq: 1 Feb 2017 1:12

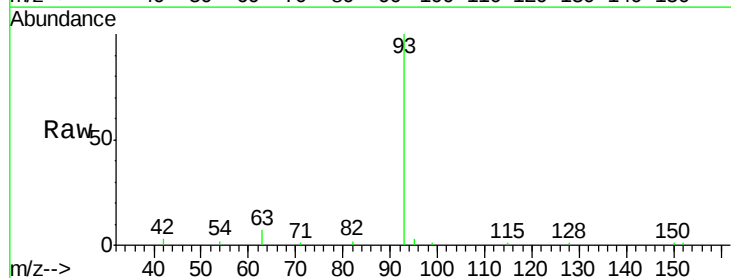
Tgt Ion: 93 Resp: 18832

Ion Ratio Lower Upper

93 100

63 8.7 71.6 107.4#

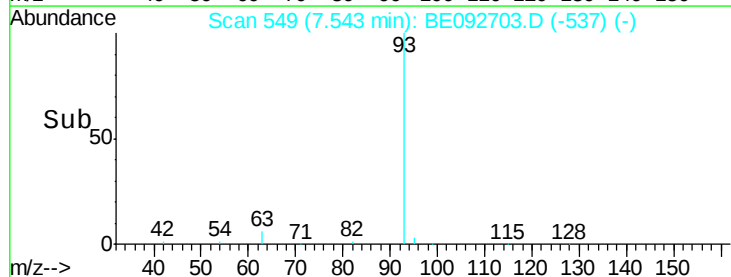
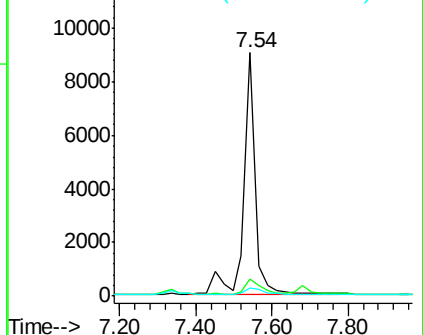
95 4.3 24.0 36.0#

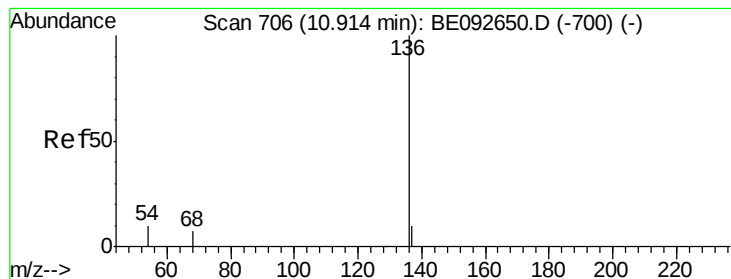


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.91 min Scan# 706

Delta R.T. 0.00 min

Lab File: BE092703.D

Acq: 1 Feb 2017 1:12

Instrument :

BNA_E

ClientSampled :

SB-01CMS

Tgt Ion:136 Resp: 67584

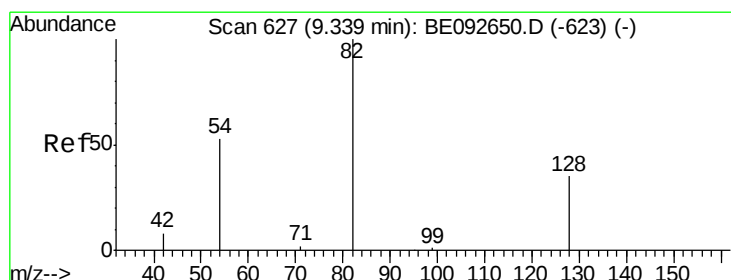
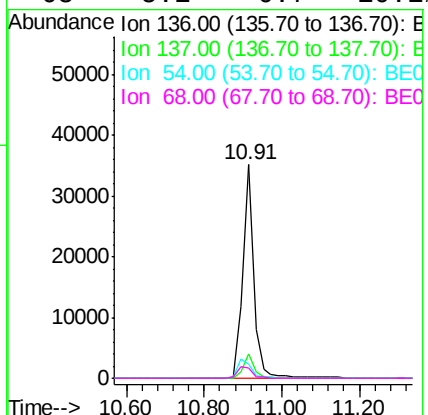
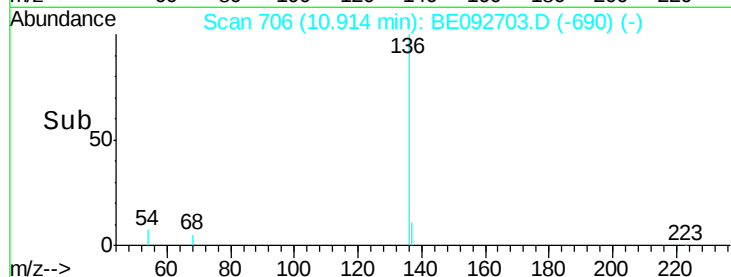
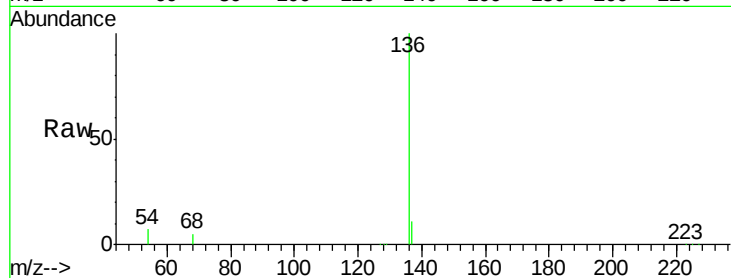
Ion Ratio Lower Upper

136 100

137 11.2 8.2 12.4

54 6.8 9.6 14.4#

68 5.1 6.7 10.1#



#8

Nitrobenzene-d5

Concen: 0.49 ng

RT: 9.32 min Scan# 626

Delta R.T. -0.02 min

Lab File: BE092703.D

Acq: 1 Feb 2017 1:12

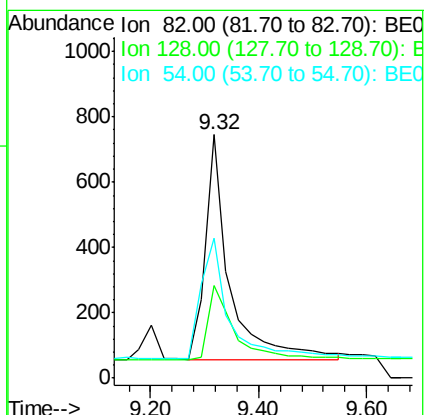
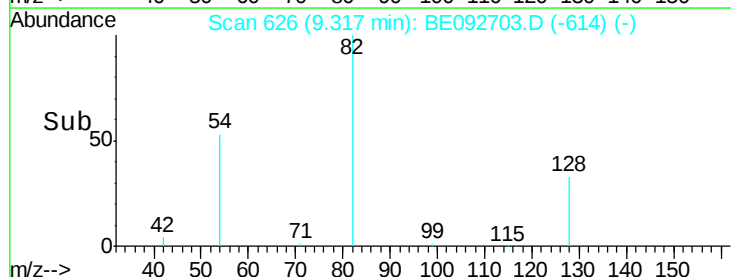
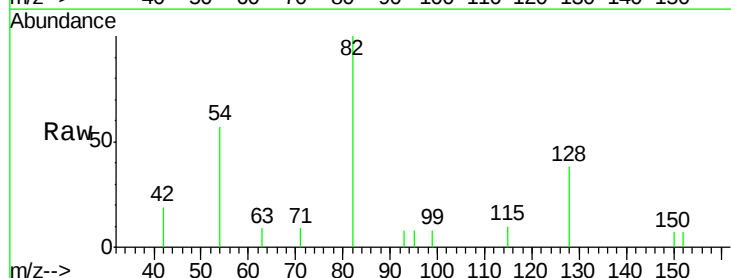
Tgt Ion: 82 Resp: 2149

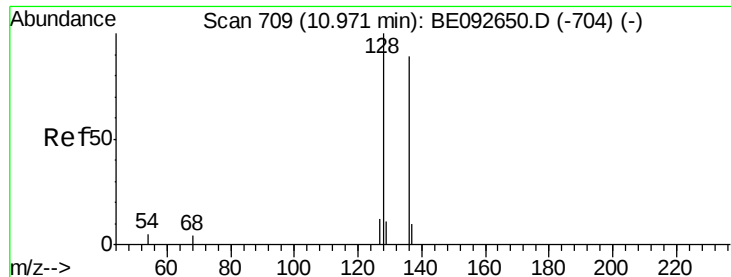
Ion Ratio Lower Upper

82 100

128 38.1 39.0 58.4#

54 57.2 44.8 67.2





#9

Naphthalene

Concen: 0.53 ng

RT: 10.95 min Scan# 708

Delta R.T. -0.02 min

Lab File: BE092703.D

Acq: 1 Feb 2017 1:12

Instrument :

BNA_E

ClientSampleId :

SB-01CMS

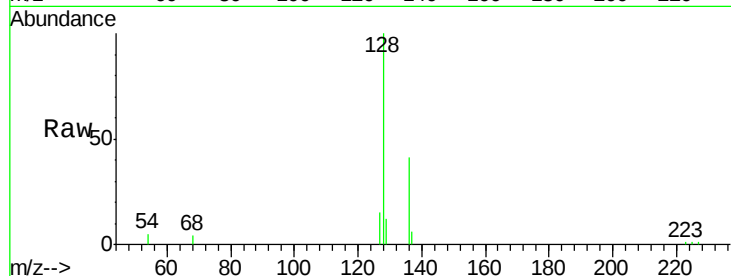
Tgt Ion:128 Resp: 7508

Ion Ratio Lower Upper

128 100

129 11.6 11.2 16.8

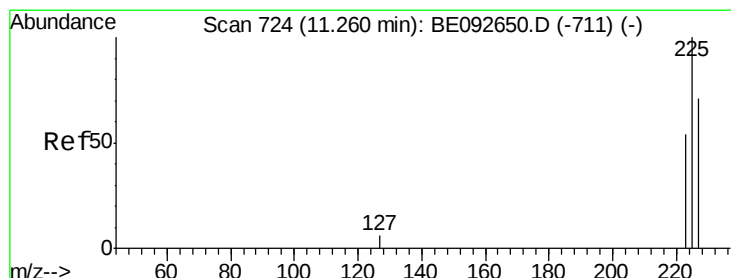
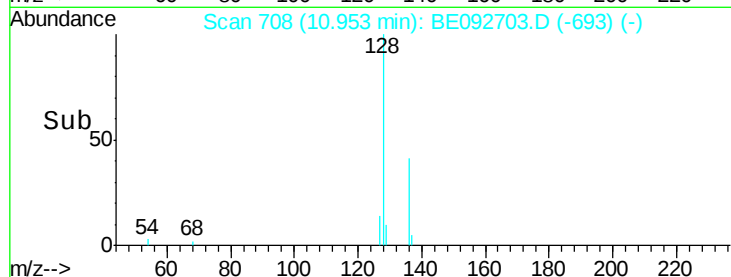
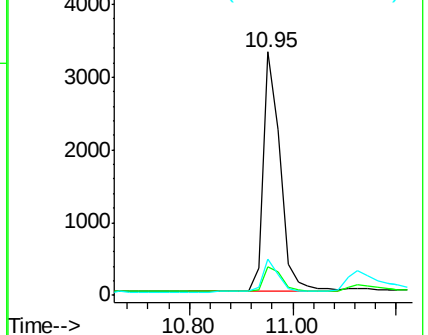
127 15.1 11.6 17.4



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: 0.48 ng

RT: 11.24 min Scan# 723

Delta R.T. -0.02 min

Lab File: BE092703.D

Acq: 1 Feb 2017 1:12

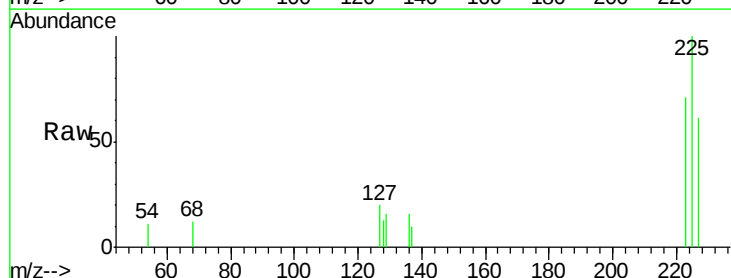
Tgt Ion:225 Resp: 1008

Ion Ratio Lower Upper

225 100

223 62.8 50.6 76.0

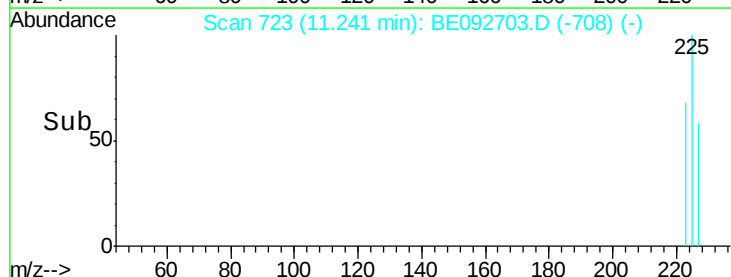
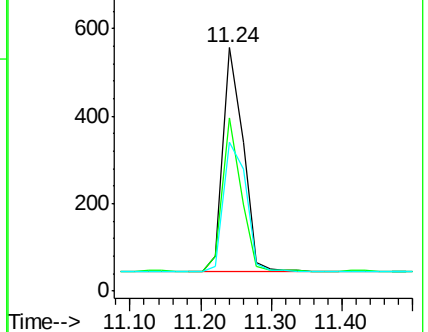
227 65.1 51.4 77.0

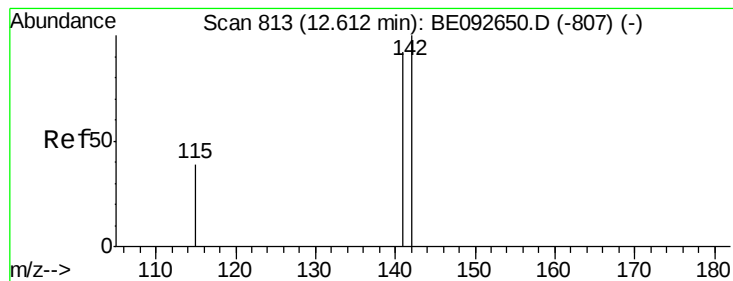


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene

Concen: 0.54 ng

RT: 12.59 min Scan# 811

Delta R.T. -0.02 min

Lab File: BE092703.D

Acq: 1 Feb 2017 1:12

Instrument :

BNA_E

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SB-01CMS

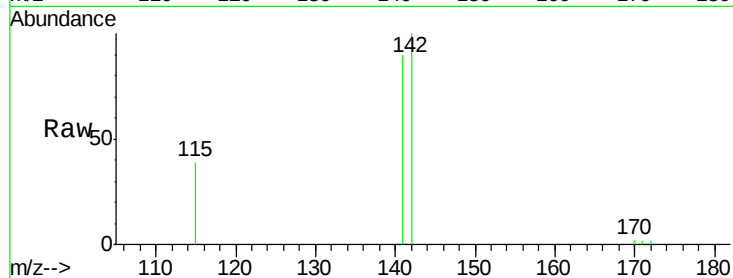
Tgt Ion:142 Resp: 4748

Ion Ratio Lower Upper

142 100

141 90.3 73.7 110.5

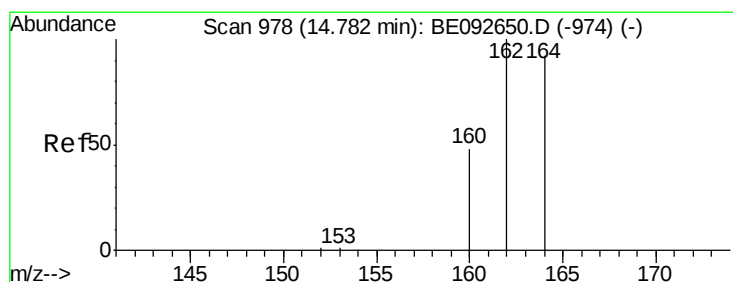
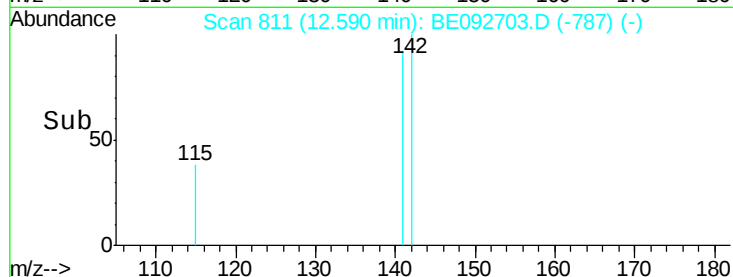
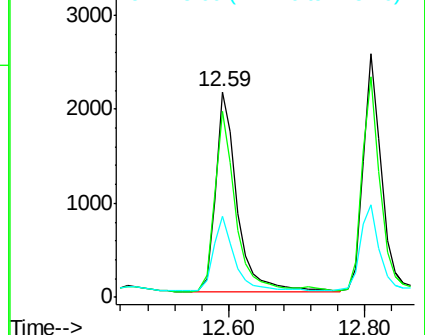
115 39.3 34.0 51.0



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: 14.78 min Scan# 978

Delta R.T. -0.00 min

Lab File: BE092703.D

Acq: 1 Feb 2017 1:12

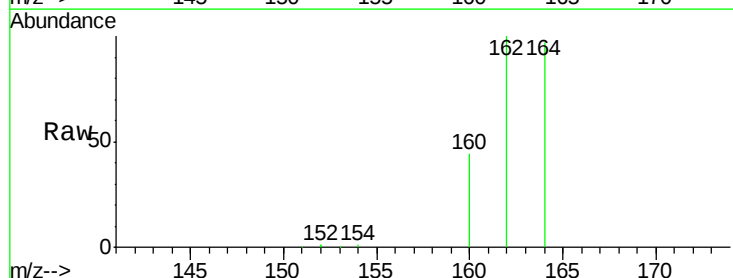
Tgt Ion:164 Resp: 43211

Ion Ratio Lower Upper

164 100

162 103.2 71.4 107.0

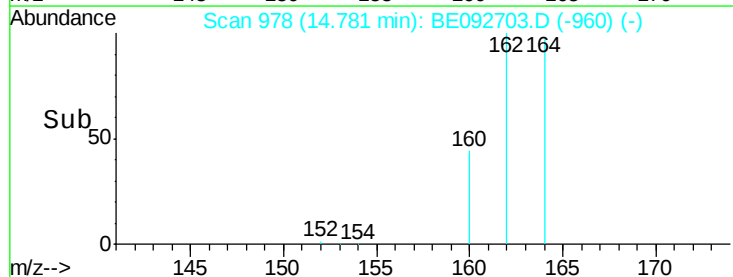
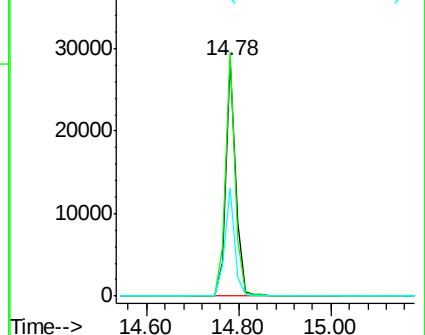
160 45.8 27.4 41.2#

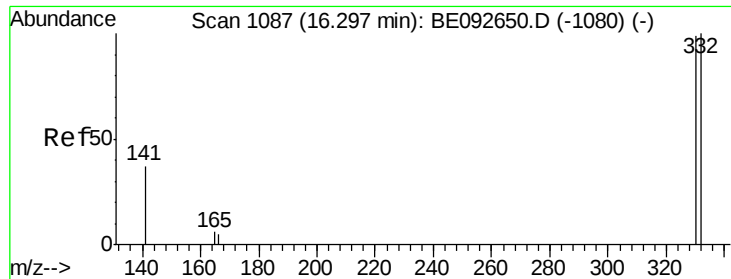


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

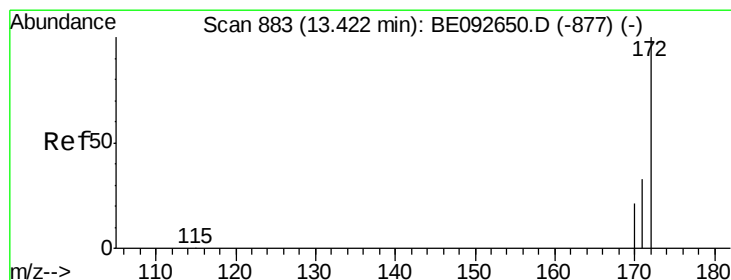
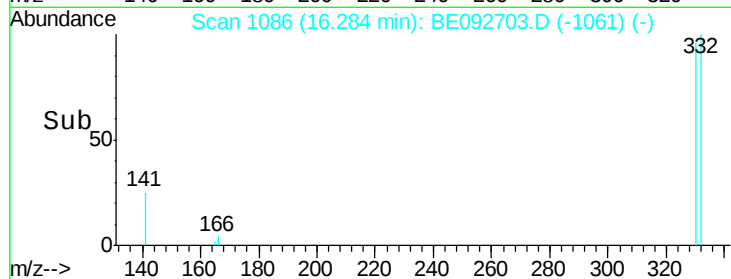
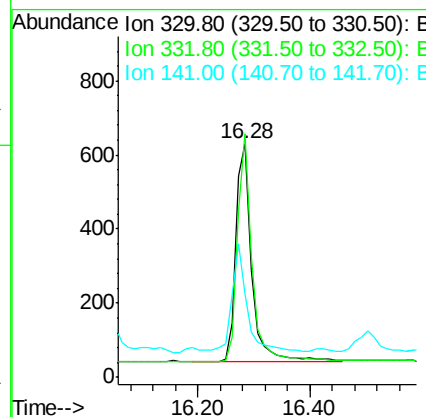
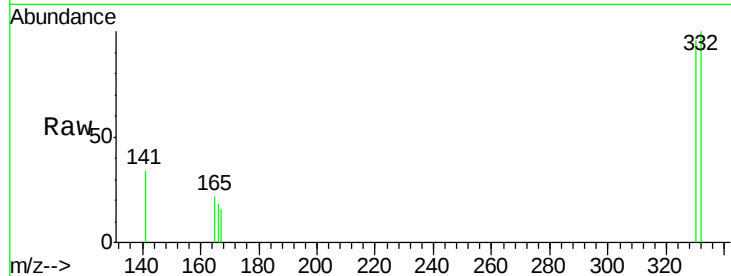




#13
 2,4,6-Tribromophenol
 Concen: 1.02 ng
 RT: 16.28 min Scan# 1086
 Delta R.T. -0.01 min
 Lab File: BE092703.D
 Acq: 1 Feb 2017 1:12

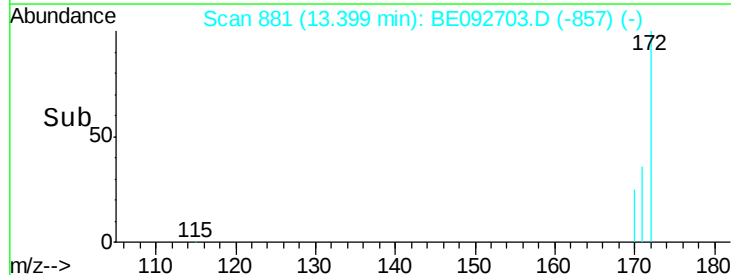
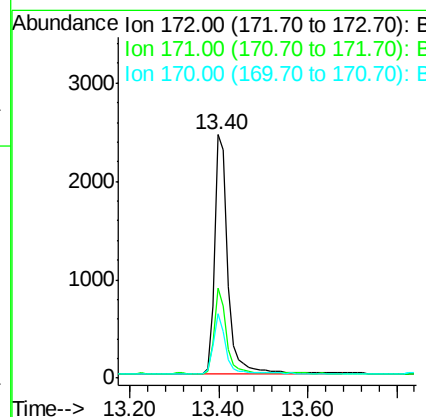
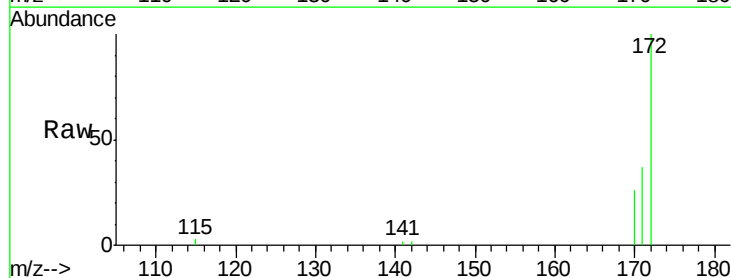
Instrument :
 BNA_E
 ClientSampleId :
 SB-01CMS

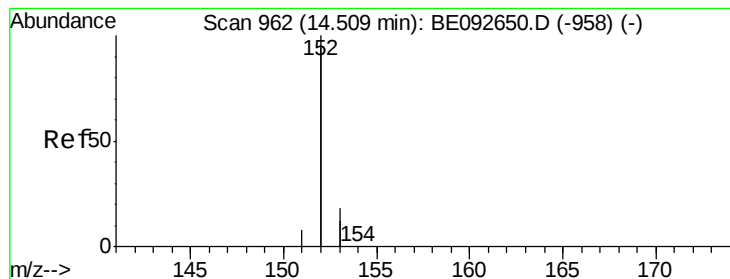
Tgt Ion:330 Resp: 1151
 Ion Ratio Lower Upper
 330 100
 332 96.3 75.4 113.0
 141 47.6 31.0 46.6#



#14
 2-Fluorobiphenyl
 Concen: 0.47 ng
 RT: 13.40 min Scan# 881
 Delta R.T. -0.02 min
 Lab File: BE092703.D
 Acq: 1 Feb 2017 1:12

Tgt Ion:172 Resp: 5039
 Ion Ratio Lower Upper
 172 100
 171 36.8 30.1 45.1
 170 26.3 21.8 32.6





#15

Acenaphthylene

Concen: 1.50 ng

RT: 14.49 min Scan# 961

Delta R.T. -0.02 min

Lab File: BE092703.D

Acq: 1 Feb 2017 1:12

Instrument :

BNA_E

ClientSampleId :

SB-01CMS

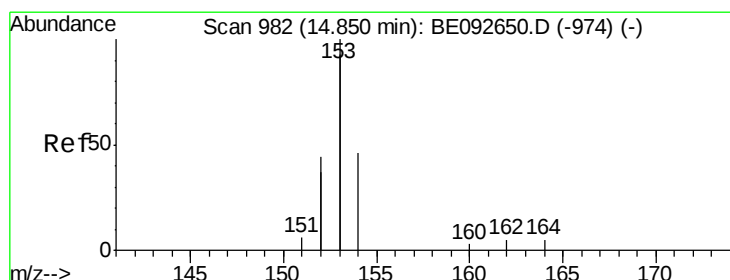
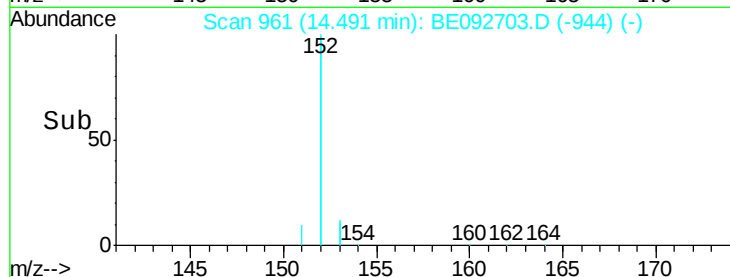
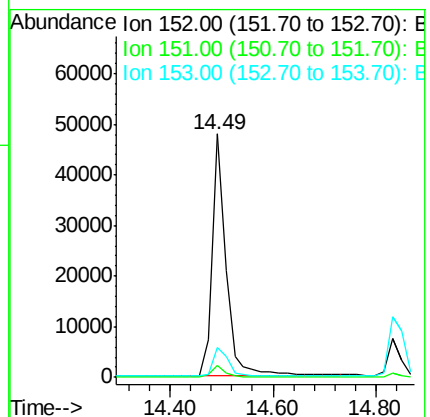
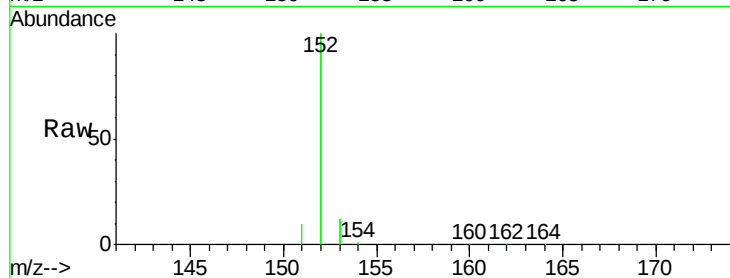
Tgt Ion:152 Resp: 89521

Ion Ratio Lower Upper

152 100

151 4.9 3.9 5.9

153 13.0 10.4 15.6



#16

Acenaphthene

Concen: 0.54 ng

RT: 14.85 min Scan# 982

Delta R.T. -0.00 min

Lab File: BE092703.D

Acq: 1 Feb 2017 1:12

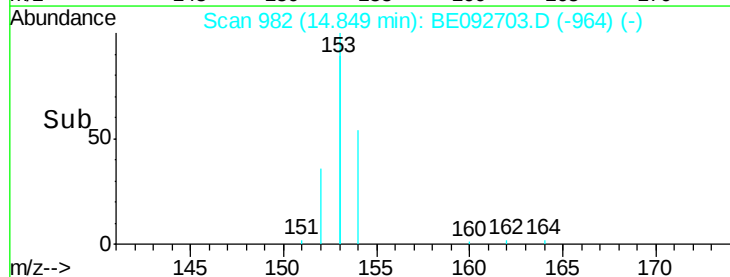
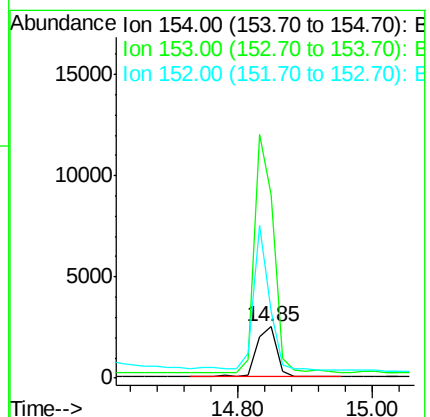
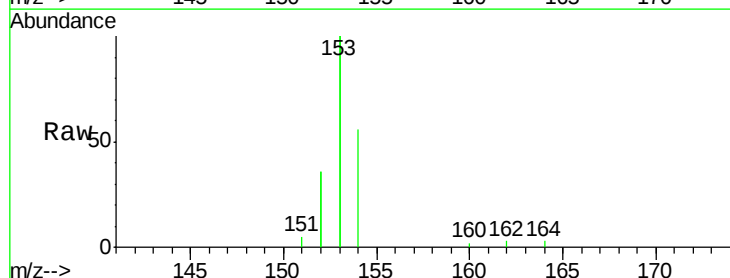
Tgt Ion:154 Resp: 5169

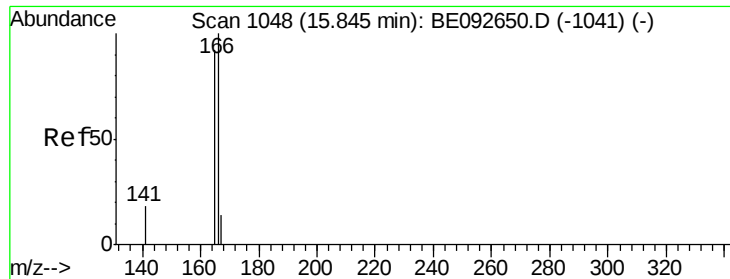
Ion Ratio Lower Upper

154 100

153 447.7 350.8 526.2

152 228.9 171.1 256.7

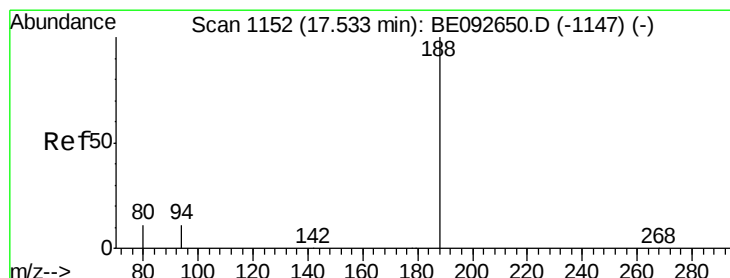
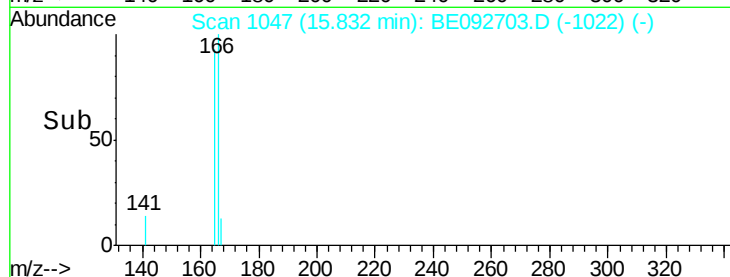
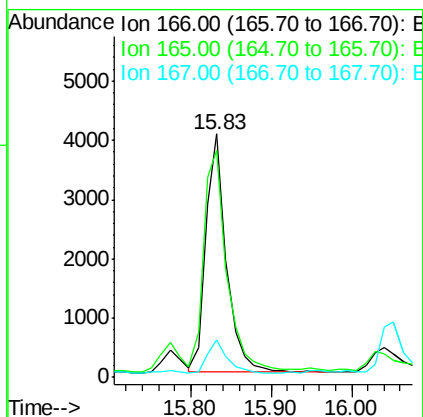
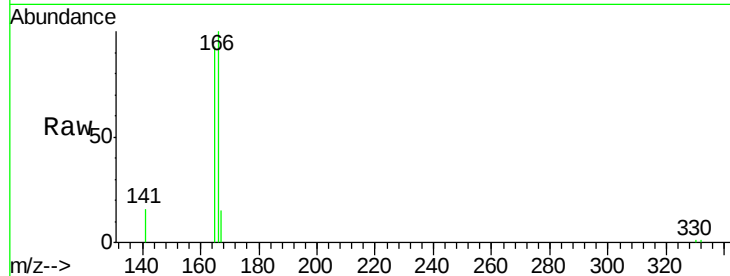




#17
Fluorene
 Concen: 0.60 ng
 RT: 15.83 min Scan# 1047
 Delta R.T. -0.01 min
 Lab File: BE092703.D
 Acq: 1 Feb 2017 1:12

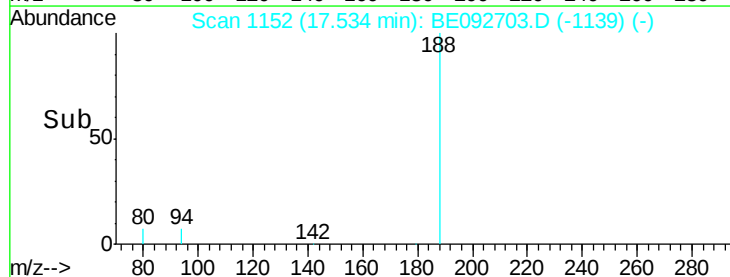
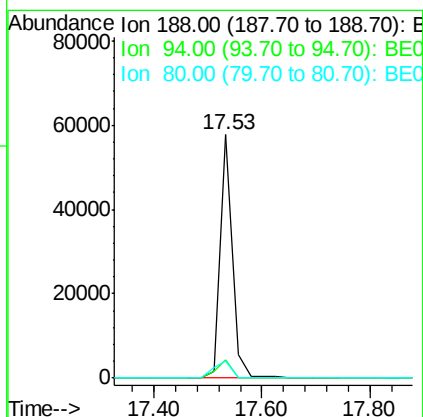
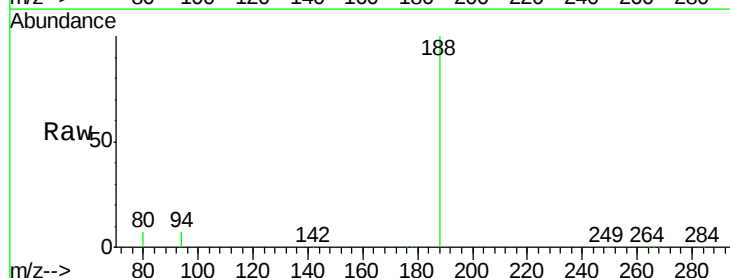
Instrument :
 BNA_E
 ClientSampleId :
 SB-01CMS

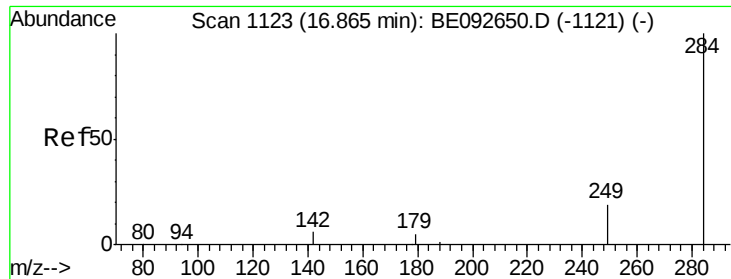
Tgt Ion:166 Resp: 7228
 Ion Ratio Lower Upper
 166 100
 165 101.6 78.2 117.4
 167 13.7 11.0 16.4



#18
Phenanthrene-d10
 Concen: 5.00 ng
 RT: 17.53 min Scan# 1152
 Delta R.T. 0.00 min
 Lab File: BE092703.D
 Acq: 1 Feb 2017 1:12

Tgt Ion:188 Resp: 91371
 Ion Ratio Lower Upper
 188 100
 94 7.4 3.2 4.8#
 80 6.8 2.6 3.8#

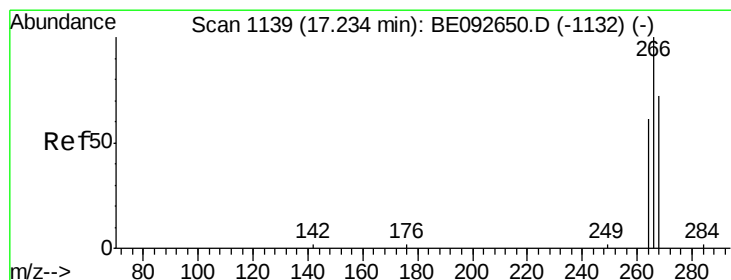
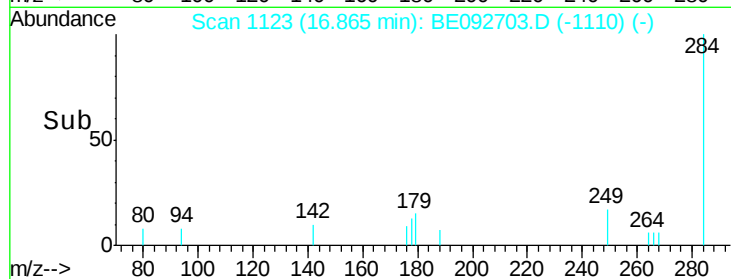
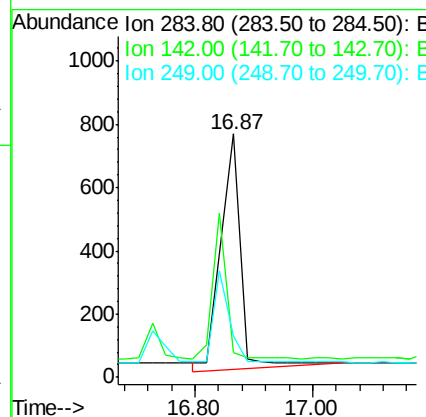
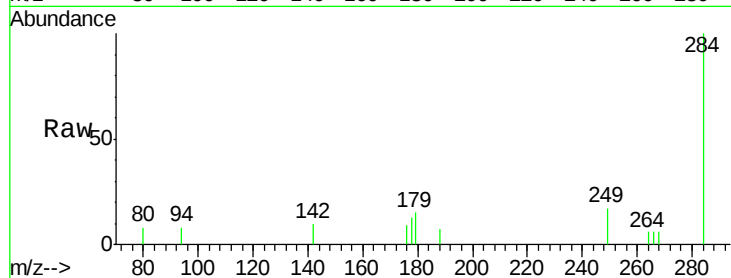




#19
Hexachlorobenzene
Concen: 0.49 ng
RT: 16.87 min Scan# 1123
Delta R.T. 0.00 min
Lab File: BE092703.D
Acq: 1 Feb 2017 1:12

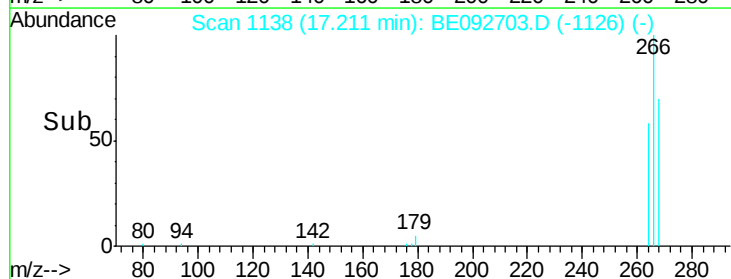
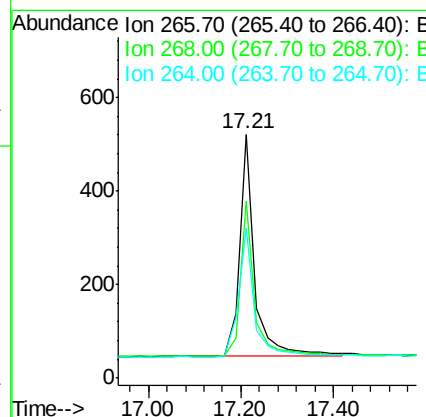
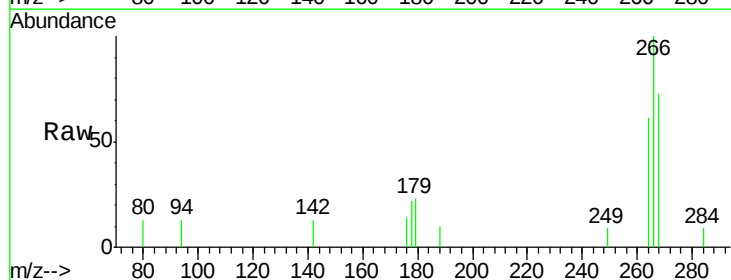
Instrument :
BNA_E
ClientSampleId :
SB-01CMS

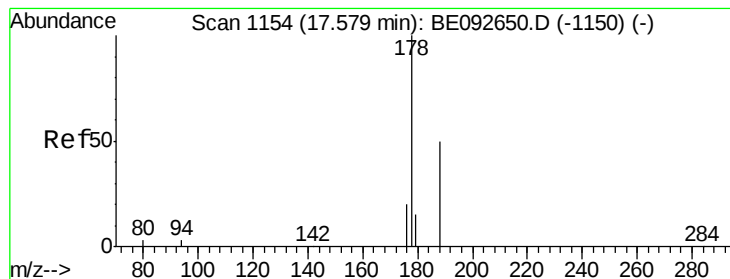
Tgt Ion: 284 Resp: 1718
Ion Ratio Lower Upper
284 100
142 0.0 29.1 43.7#
249 0.0 27.9 41.9#



#20
Pentachlorophenol
Concen: 1.16 ng
RT: 17.21 min Scan# 1138
Delta R.T. -0.02 min
Lab File: BE092703.D
Acq: 1 Feb 2017 1:12

Tgt Ion: 266 Resp: 1091
Ion Ratio Lower Upper
266 100
268 72.6 62.5 93.7
264 61.4 57.2 85.8





#21

Phenanthrene

Concen: 2.17 ng

RT: 17.58 min Scan# 1154

Delta R.T. 0.00 min

Lab File: BE092703.D

Acq: 1 Feb 2017 1:12

Instrument :

BNA_E

ClientSampleId :

SB-01CMS

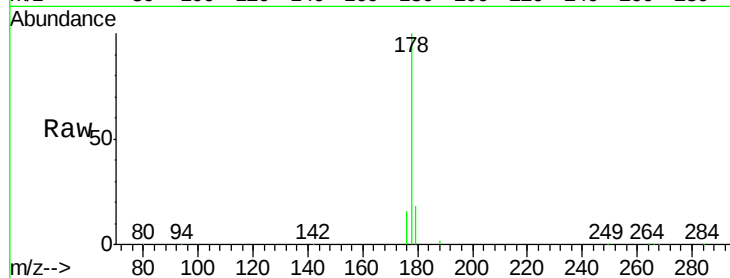
Tgt Ion:178 Resp: 43817

Ion Ratio Lower Upper

178 100

176 18.3 15.8 23.8

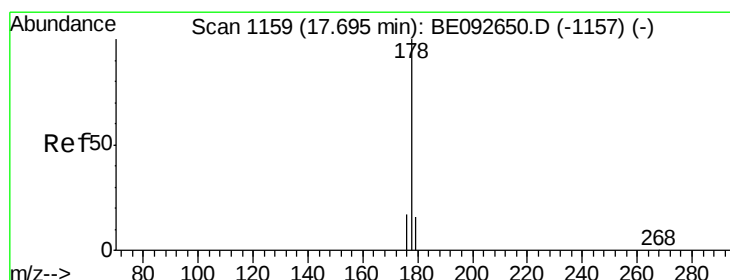
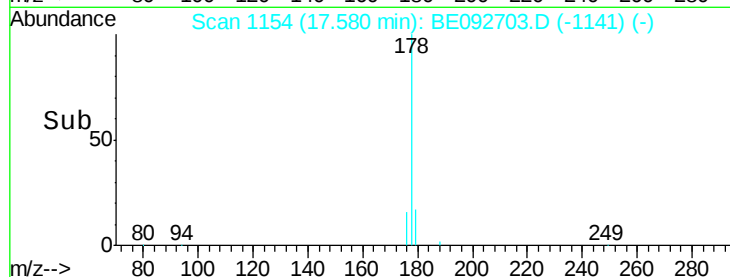
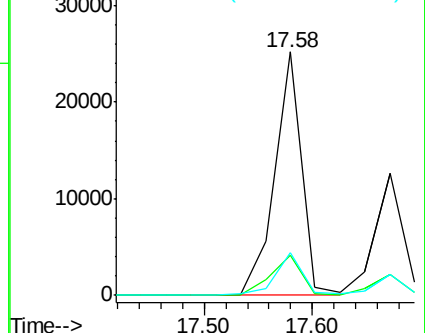
179 16.6 16.0 24.0



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: 1.32 ng

RT: 17.67 min Scan# 1158

Delta R.T. -0.02 min

Lab File: BE092703.D

Acq: 1 Feb 2017 1:12

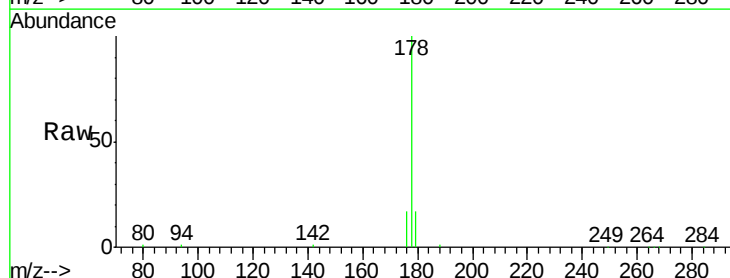
Tgt Ion:178 Resp: 24482

Ion Ratio Lower Upper

178 100

176 18.0 15.0 22.4

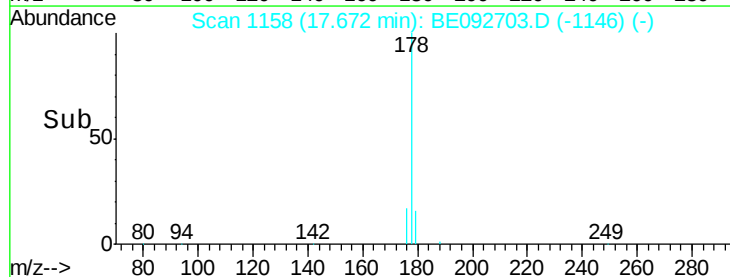
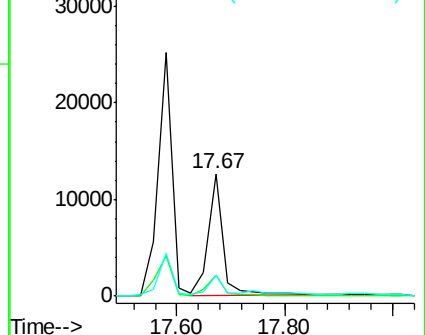
179 14.9 12.2 18.2

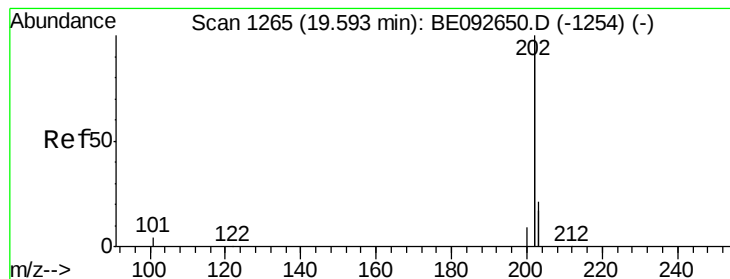


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#23

Fluoranthene

Concen: 5.29 ng

RT: 19.58 min Scan# 1264

Delta R.T. -0.02 min

Lab File: BE092703.D

Acq: 1 Feb 2017 1:12

Instrument :

BNA_E

ClientSampleId :

SB-01CMS

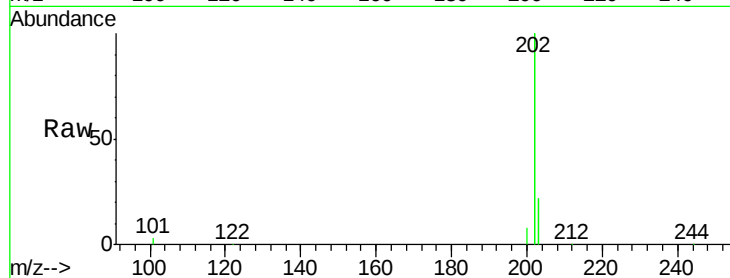
Tgt Ion:202 Resp: 472791

Ion Ratio Lower Upper

202 100

101 3.0 2.2 3.4

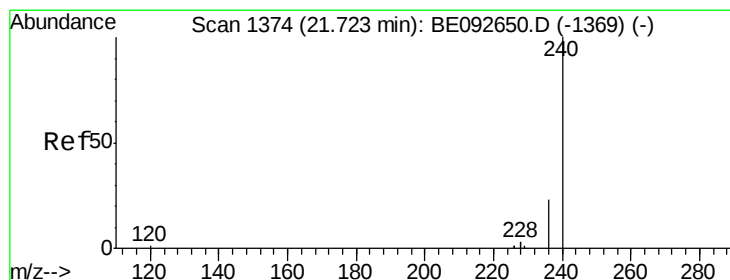
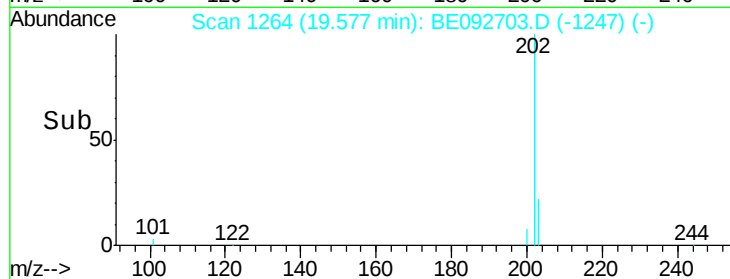
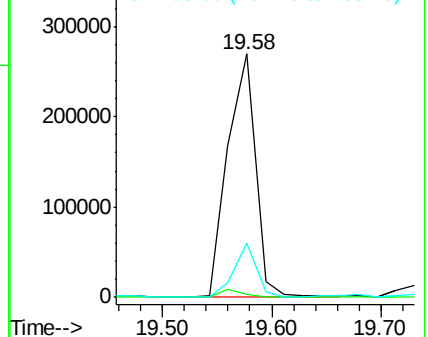
203 17.6 13.7 20.5



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: BE092703.D

Acq: 1 Feb 2017 1:12

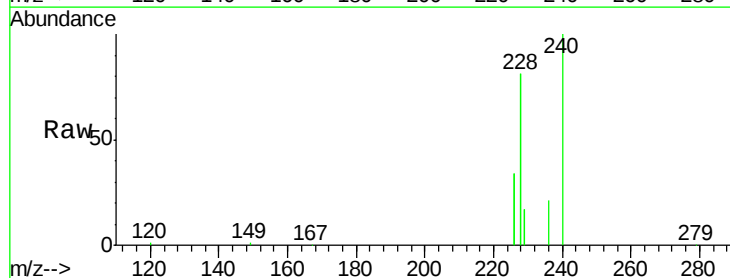
Tgt Ion:240 Resp: 85467

Ion Ratio Lower Upper

240 100

120 1.0 2.6 4.0#

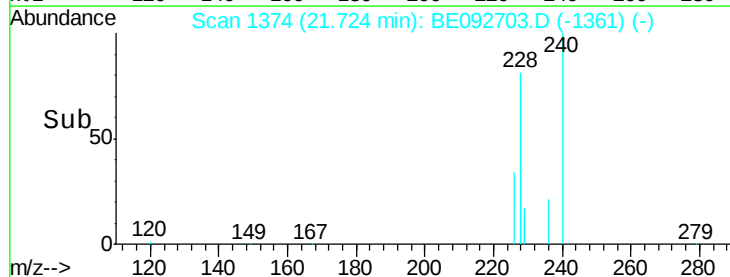
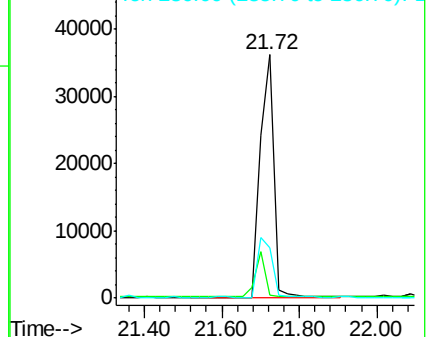
236 20.9 24.6 37.0#

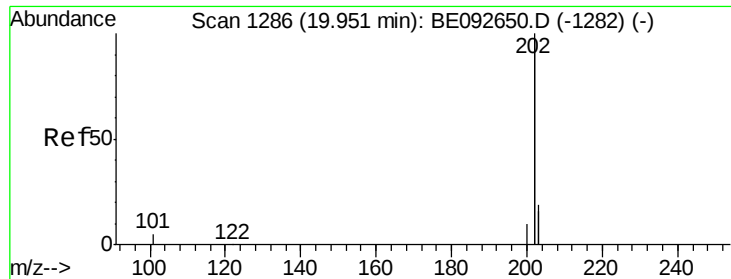


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

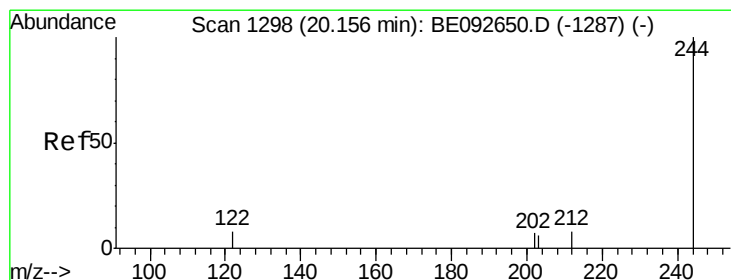
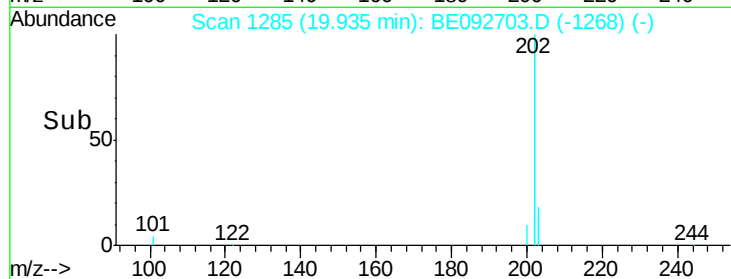
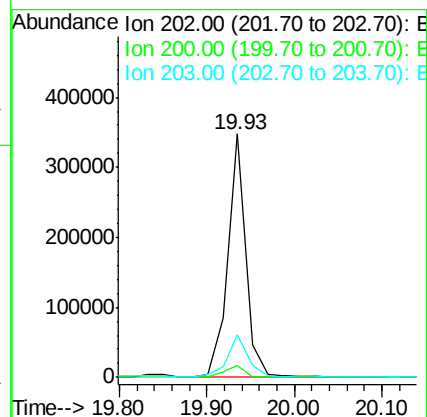
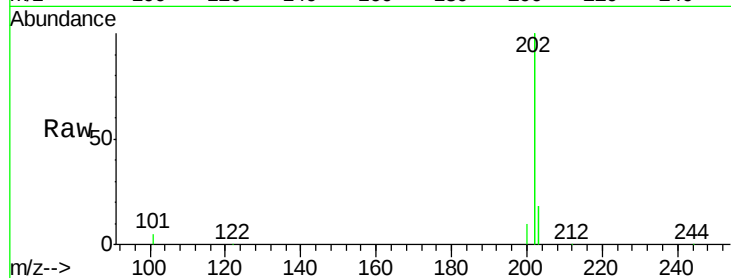




#25
 Pyrene
 Concen: 5.91 ng
 RT: 19.93 min Scan# 1285
 Delta R.T. -0.02 min
 Lab File: BE092703.D
 Acq: 1 Feb 2017 1:12

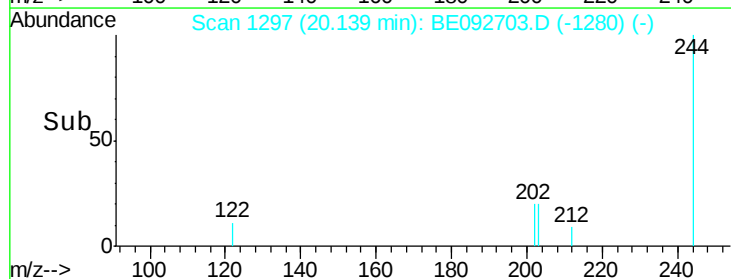
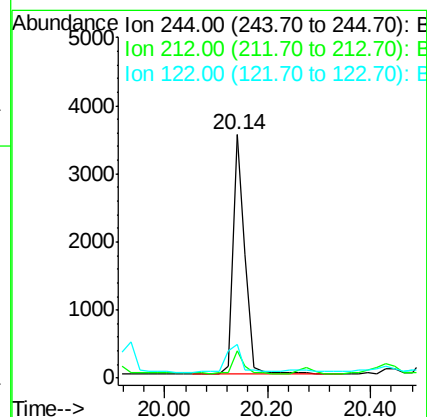
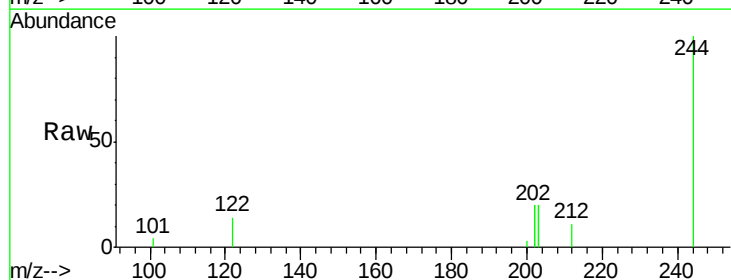
Instrument :
 BNA_E
 ClientSampleId :
 SB-01CMS

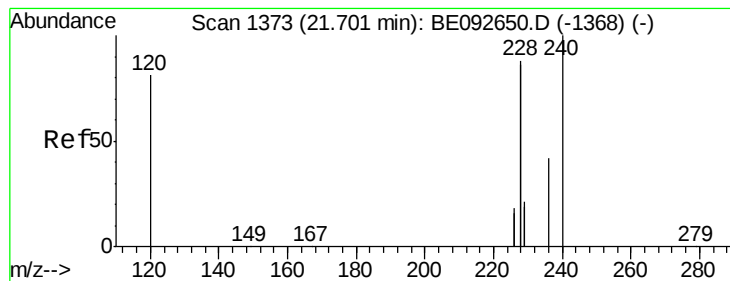
Tgt Ion: 202 Resp: 497578
 Ion Ratio Lower Upper
 202 100
 200 5.3 4.2 6.4
 203 20.5 13.9 20.9



#26
 Terphenyl-d14
 Concen: 0.48 ng
 RT: 20.14 min Scan# 1297
 Delta R.T. -0.02 min
 Lab File: BE092703.D
 Acq: 1 Feb 2017 1:12

Tgt Ion: 244 Resp: 5846
 Ion Ratio Lower Upper
 244 100
 212 11.1 6.7 10.1#
 122 13.8 3.6 5.4#





#27

Benzo(a)anthracene

Concen: 7.23 ng

RT: 21.75 min Scan# 1375

Delta R.T. 0.05 min

Lab File: BE092703.D

Acq: 1 Feb 2017 1:12

Instrument :

BNA_E

ClientSampleId :

SB-01CMS

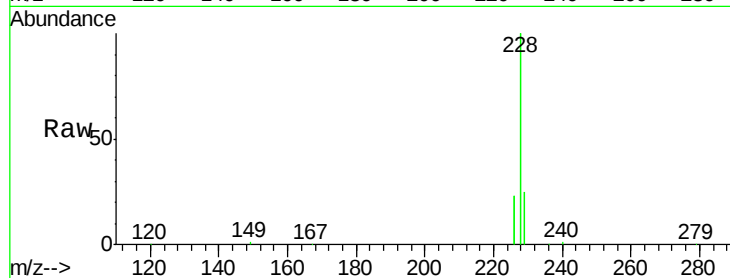
Tgt Ion:228 Resp: 608354

Ion Ratio Lower Upper

228 100

226 22.8 23.6 35.4#

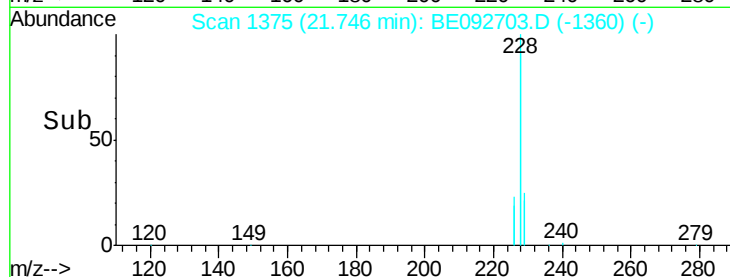
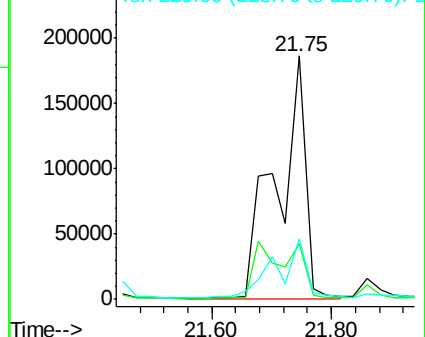
229 24.6 13.3 19.9#



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: 6.42 ng

RT: 21.75 min Scan# 1375

Delta R.T. 0.00 min

Lab File: BE092703.D

Acq: 1 Feb 2017 1:12

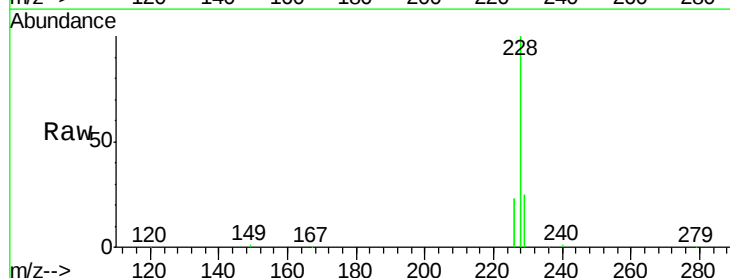
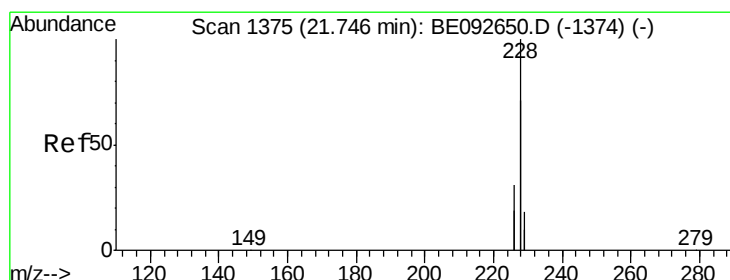
Tgt Ion:228 Resp: 608354

Ion Ratio Lower Upper

228 100

226 22.8 36.3 54.5#

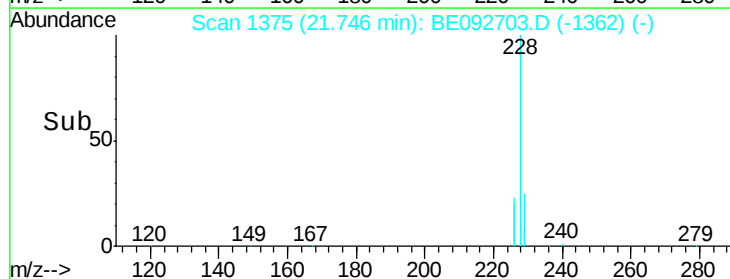
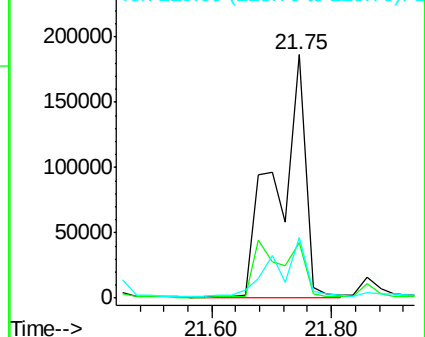
229 24.6 10.6 16.0#

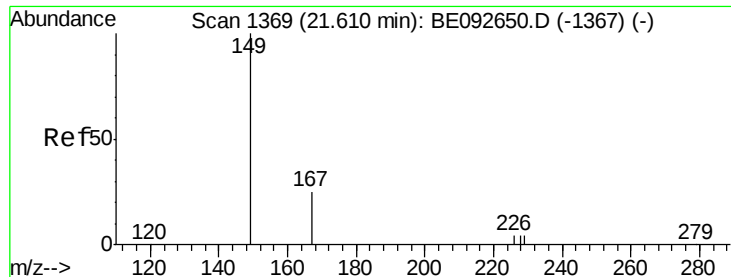


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#29

Bis(2-ethylhexyl)phthalate

Concen: 1.12 ng

RT: 21.61 min Scan# 1369

Delta R.T. 0.00 min

Lab File: BE092703.D

Acq: 1 Feb 2017 1:12

Instrument :

BNA_E

ClientSampleId :

SB-01CMS

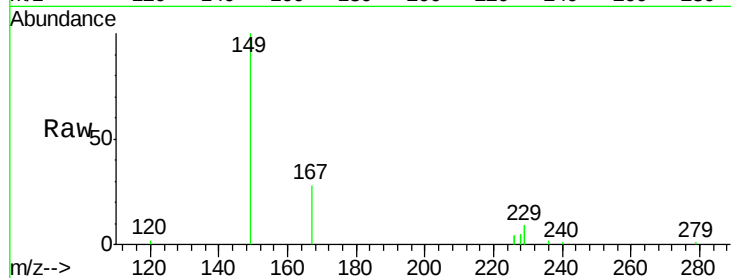
Tgt Ion:149 Resp: 15845

Ion Ratio Lower Upper

149 100

167 23.0 16.0 24.0

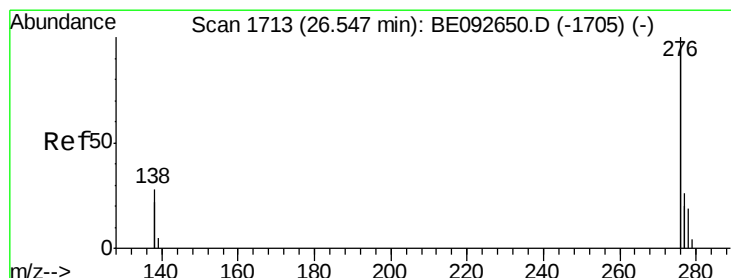
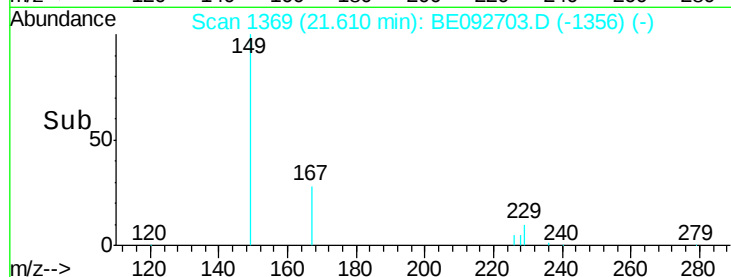
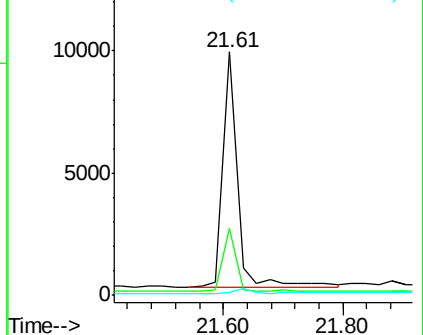
279 0.0 16.0 24.0#



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: 2.10 ng

RT: 26.53 min Scan# 1712

Delta R.T. -0.02 min

Lab File: BE092703.D

Acq: 1 Feb 2017 1:12

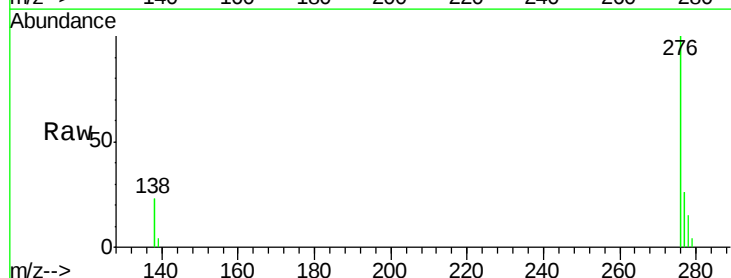
Tgt Ion:276 Resp: 214877

Ion Ratio Lower Upper

276 100

138 24.8 20.3 30.5

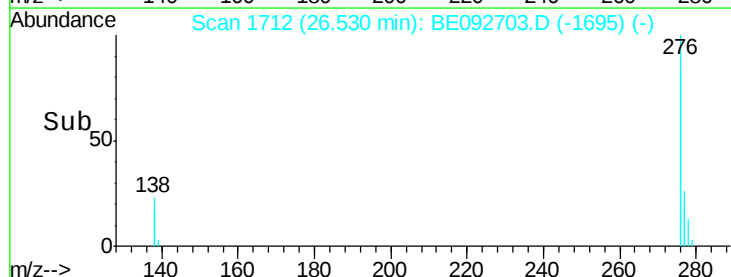
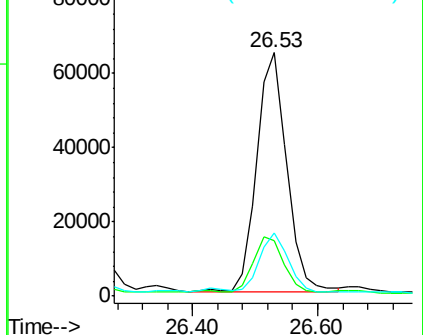
277 23.9 19.7 29.5

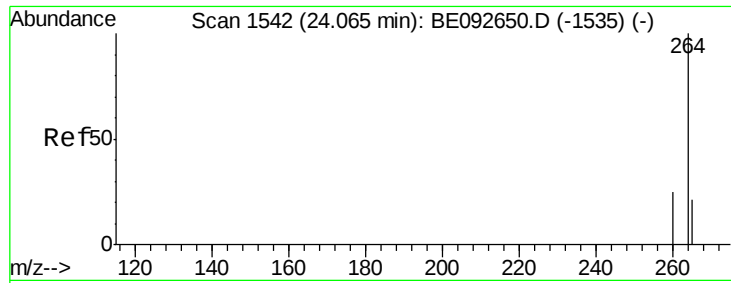


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

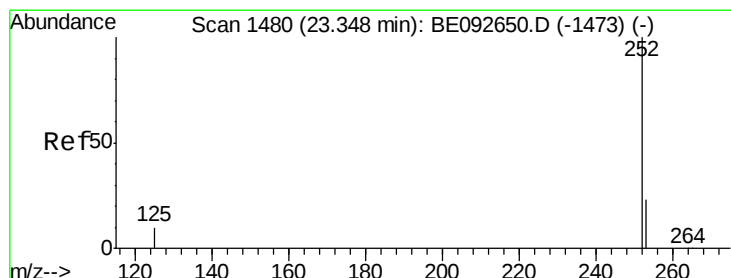
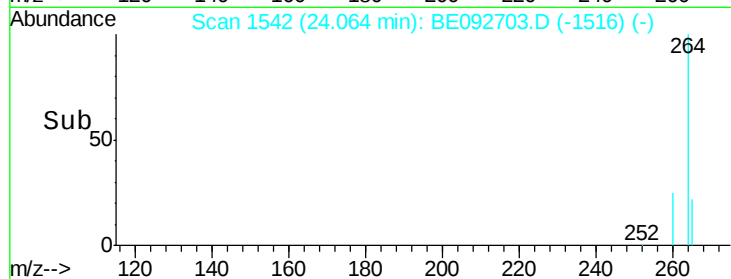
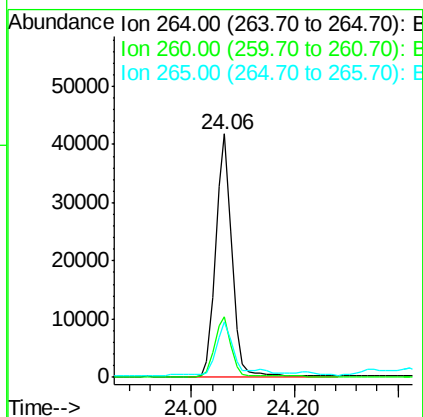
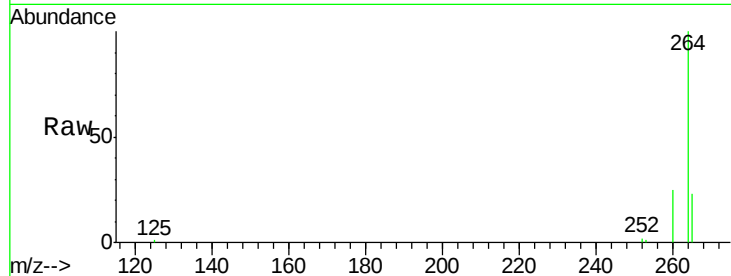




#31
 Perylene-d12
 Concen: 5.00 ng
 RT: 24.06 min Scan# 1542
 Delta R.T. -0.00 min
 Lab File: BE092703.D
 Acq: 1 Feb 2017 1:12

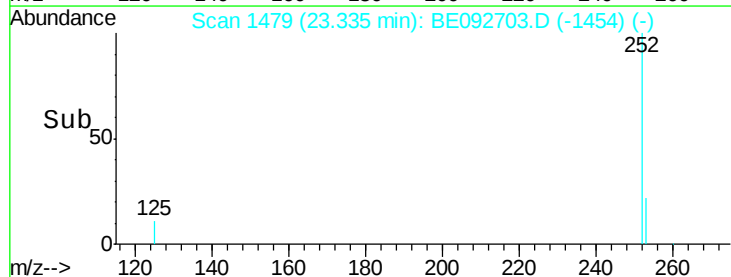
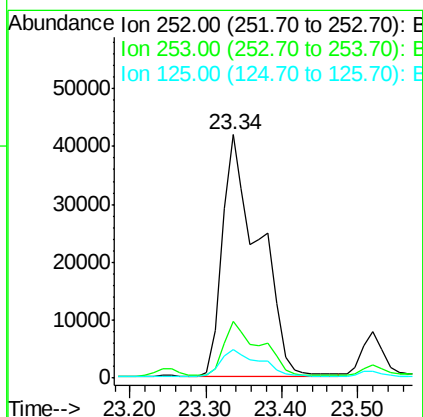
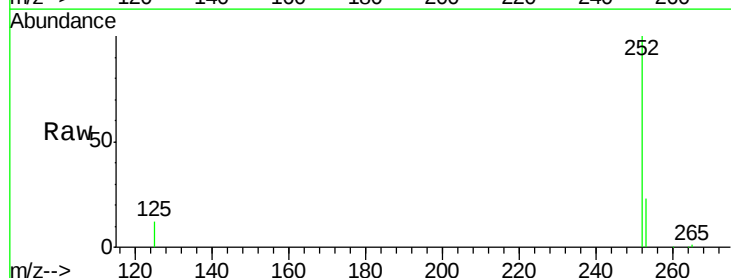
Instrument :
 BNA_E
 ClientSampleId :
 SB-01CMS

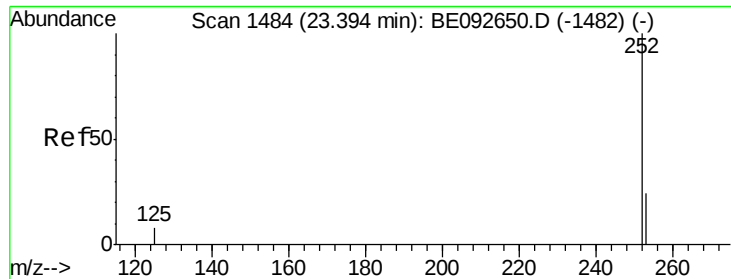
Tgt Ion: 264 Resp: 90395
 Ion Ratio Lower Upper
 264 100
 260 25.1 20.1 30.1
 265 22.5 17.9 26.9



#32
 Benzo(b)fluoranthene
 Concen: 6.44 ng
 RT: 23.34 min Scan# 1479
 Delta R.T. -0.01 min
 Lab File: BE092703.D
 Acq: 1 Feb 2017 1:12

Tgt Ion: 252 Resp: 140920
 Ion Ratio Lower Upper
 252 100
 253 23.1 18.7 28.1
 125 11.7 10.5 15.7





#33

Benzo(k)fluoranthene

Concen: 6.42 ng

RT: 23.34 min Scan# 1479

Delta R.T. -0.06 min

Lab File: BE092703.D

Acq: 1 Feb 2017 1:12

Instrument :

BNA_E

ClientSampleId :

SB-01CMS

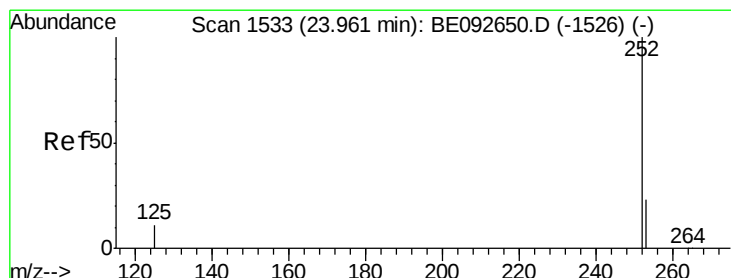
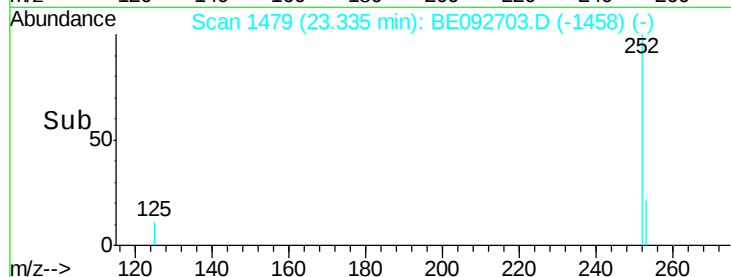
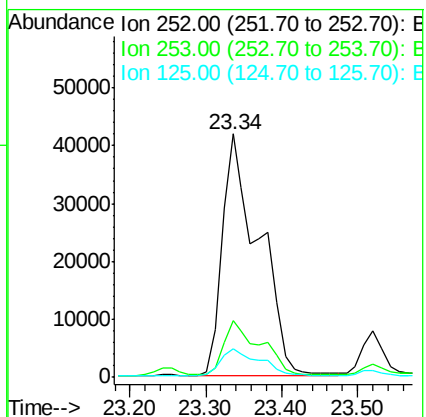
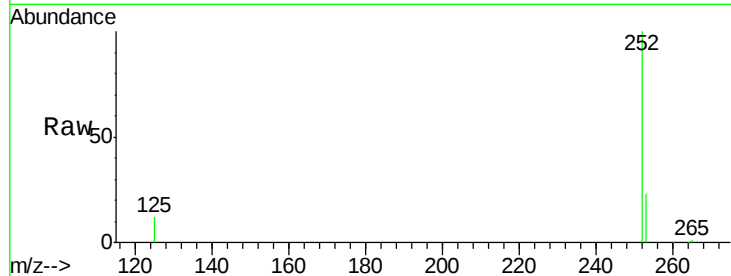
Tgt Ion:252 Resp: 140920

Ion Ratio Lower Upper

252 100

253 23.1 20.3 30.5

125 11.7 9.6 14.4



#34

Benzo(a)pyrene

Concen: 3.61 ng

RT: 23.95 min Scan# 1532

Delta R.T. -0.01 min

Lab File: BE092703.D

Acq: 1 Feb 2017 1:12

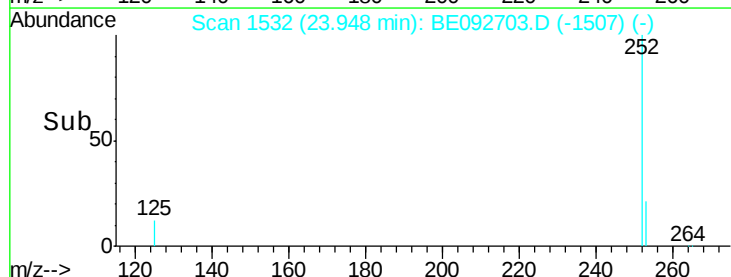
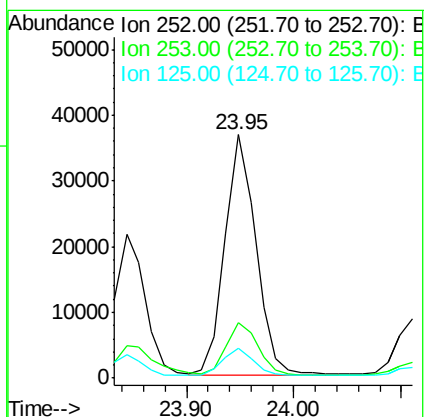
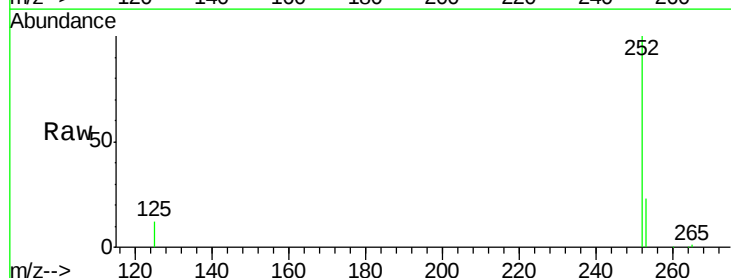
Tgt Ion:252 Resp: 74066

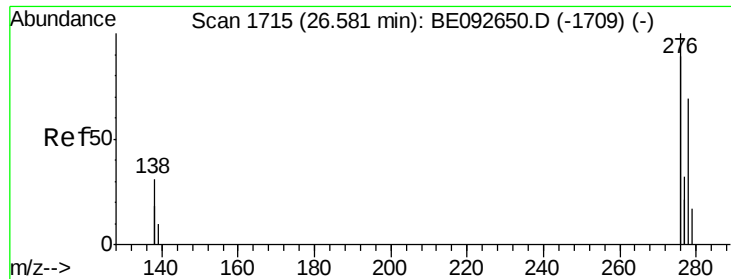
Ion Ratio Lower Upper

252 100

253 22.6 19.0 28.6

125 12.4 11.8 17.8





#35

Dibenzo(a,h)anthracene

Concen: 1.00 ng

RT: 26.55 min Scan# 1713

Delta R.T. -0.03 min

Lab File: BE092703.D

Acq: 1 Feb 2017 1:12

Instrument :

BNA_E

ClientSampleId :

SB-01CMS

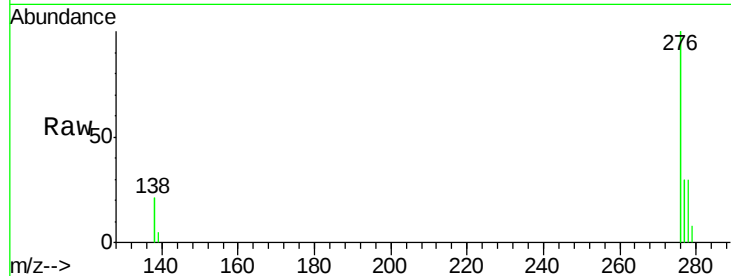
Tgt Ion: 278 Resp: 20038

Ion Ratio Lower Upper

278 100

139 18.4 13.8 20.8

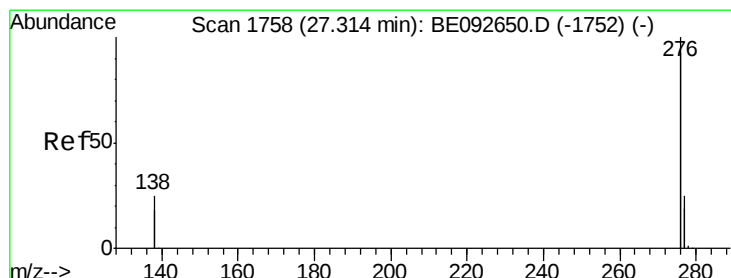
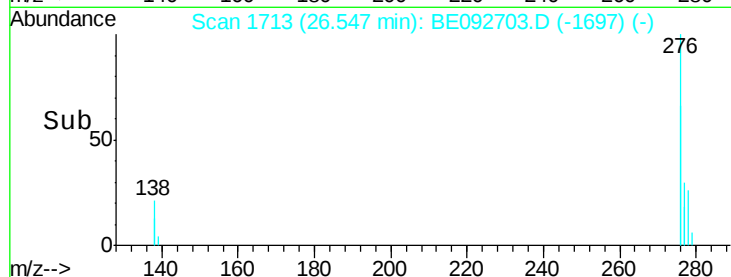
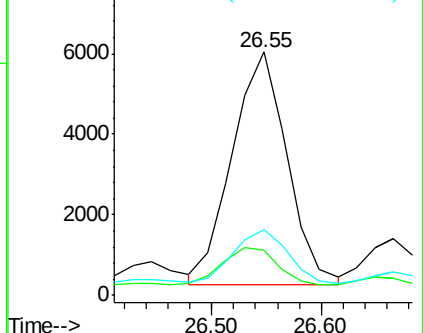
279 27.1 21.4 32.2



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



#36

Benzo(g,h,i)perylene

Concen: 2.44 ng

RT: 27.30 min Scan# 1757

Delta R.T. -0.02 min

Lab File: BE092703.D

Acq: 1 Feb 2017 1:12

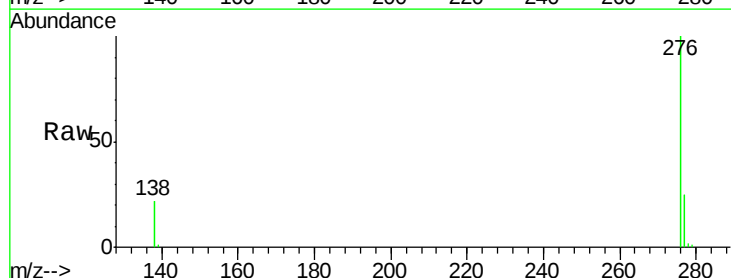
Tgt Ion: 276 Resp: 207683

Ion Ratio Lower Upper

276 100

277 25.5 19.8 29.8

138 22.1 19.8 29.6



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

