

Data Path : Z:\HPCHEM1\BNA E\DATA\BE040417\
 Data File : BE092882.D
 Acq On : 4 Apr 2017 13:32
 Operator : SJ/MA
 Sample : SSTDICC1.6
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC1.6

Quant Time: Apr 04 15:13:38 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE040417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 04 13:37:15 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	7893	5.00	ng	0.00
7) Naphthalene-d8	10.54	136	34822	5.00	ng	0.00
12) Acenaphthene-d10	14.38	164	16965	5.00	ng	0.00
18) Phenanthrene-d10	17.13	188	39016	5.00	ng	0.00
24) Chrysene-d12	21.28	240	46382	5.00	ng	0.00
31) Perylene-d12	23.70	264	38075	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.35	112	2410	1.31	ng	0.00
5) Phenol-d6	6.94	99	3530	1.31	ng	0.00
8) Nitrobenzene-d5	8.90	82	3048	1.52	ng	0.00
13) 2,4,6-Tribromophenol	15.87	330	360	1.36	ng	0.00
14) 2-Fluorobiphenyl	13.02	172	9130	1.63	ng	0.00
26) Terphenyl-d14	19.74	244	11727	1.46	ng	0.00

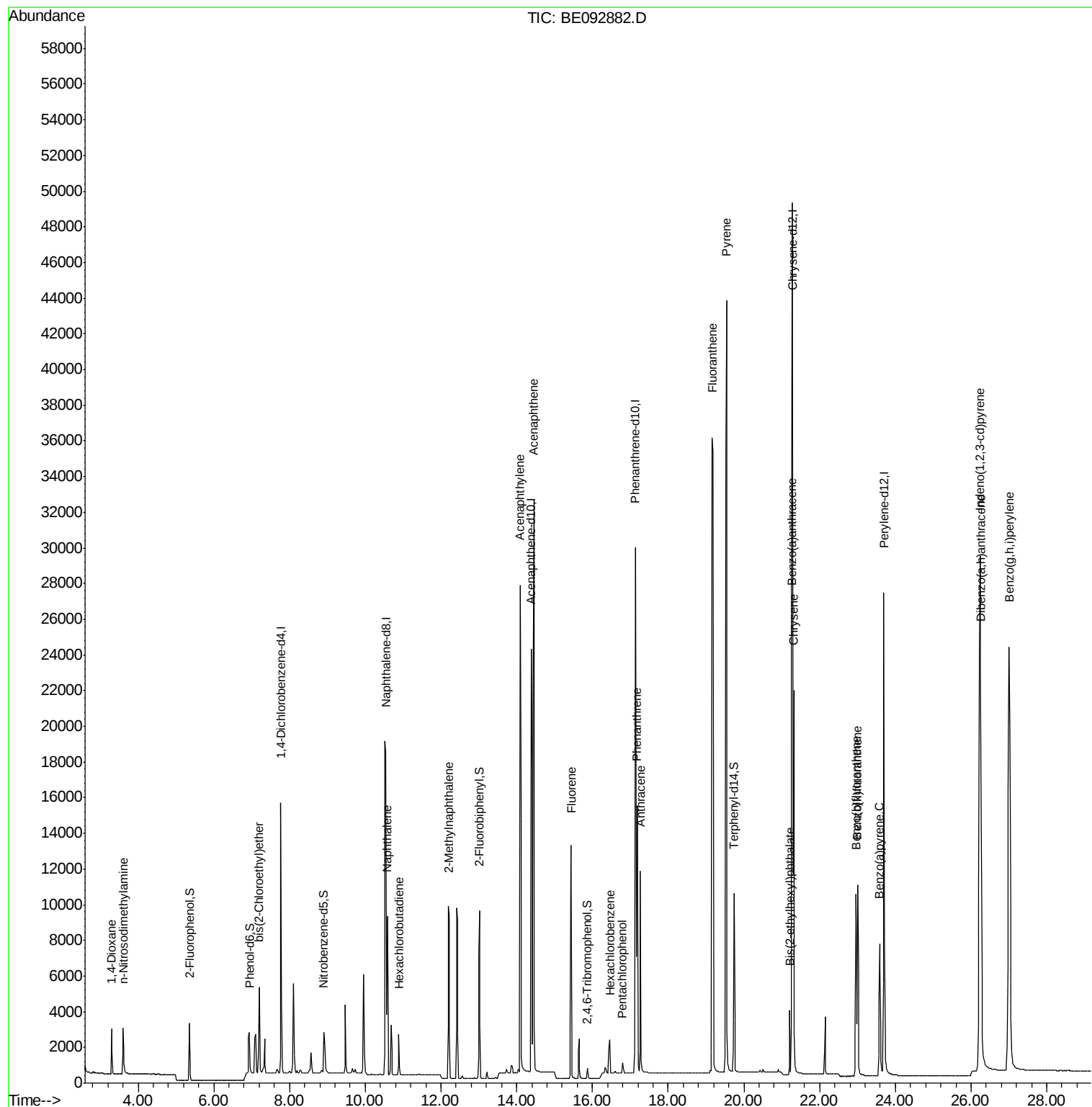
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.30	88	1596	1.51	ng	95
3) n-Nitrosodimethylamine	3.61	42	1703	1.56	ng	87
6) bis(2-Chloroethyl)ether	7.20	93	4015	1.56	ng	# 50
9) Naphthalene	10.58	128	12073	1.58	ng	95
10) Hexachlorobutadiene	10.89	225	1599	1.56	ng	99
11) 2-Methylnaphthalene	12.21	142	7543	1.56	ng	# 85
15) Acenaphthylene	14.09	152	40291	1.55	ng	100
16) Acenaphthene	14.45	154	7553	1.63	ng	97
17) Fluorene	15.44	166	8730	1.58	ng	99
19) Hexachlorobenzene	16.46	284	2308	1.60	ng	# 64
20) Pentachlorophenol	16.79	266	503	1.34	ng	# 85
21) Phenanthrene	17.18	178	16880	1.78	ng	# 94
22) Anthracene	17.27	178	13852	1.61	ng	99
23) Fluoranthene	19.16	202	60309	1.38	ng	98
25) Pyrene	19.54	202	66773	1.45	ng	99
27) Benzo(a)anthracene	21.26	228	16093	1.46	ng	93
28) Chrysene	21.31	228	18921	1.63	ng	# 76
29) Bis(2-ethylhexyl)phthalate	21.21	149	3430	1.02	ng	# 73
30) Indeno(1,2,3-cd)pyrene	26.24	276	60358	1.38	ng	# 93
32) Benzo(b)fluoranthene	22.96	252	15062	1.49	ng	99
33) Benzo(k)fluoranthene	23.01	252	14060	1.55	ng	95
34) Benzo(a)pyrene	23.58	252	11936	1.42	ng	98
35) Dibenzo(a,h)anthracene	26.25	278	13454	1.51	ng	# 93
36) Benzo(g,h,i)perylene	27.00	276	54264	1.47	ng	97

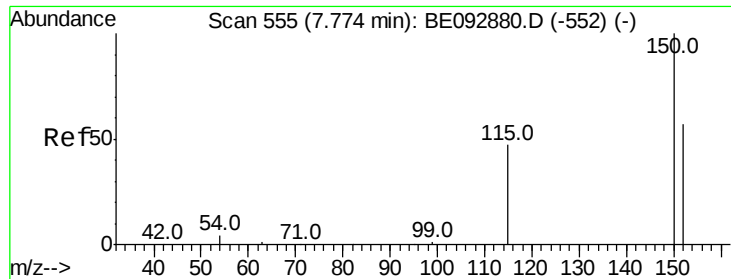
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.77 min Scan# 555

Delta R.T. -0.00 min

Lab File: BE092882.D

Acq: 4 Apr 2017 13:32

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

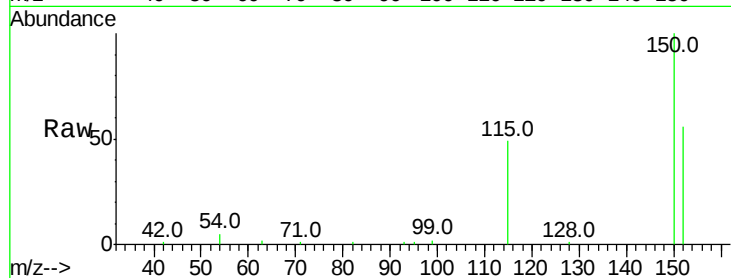
Tot Ion:152 Resp: 7893

Ion Ratio Lower Upper

152 100

150 177.3 106.0 159.0#

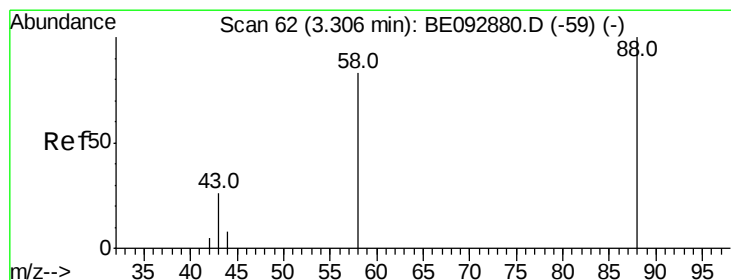
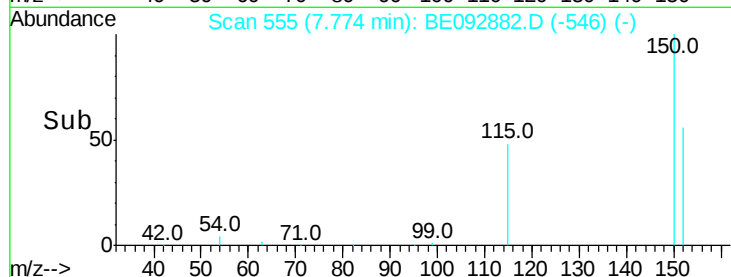
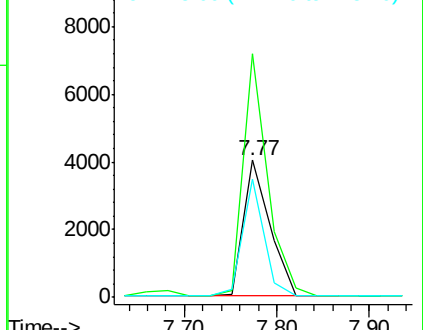
115 86.0 31.2 46.8#



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: 1.51 ng

RT: 3.30 min Scan# 62

Delta R.T. -0.00 min

Lab File: BE092882.D

Acq: 4 Apr 2017 13:32

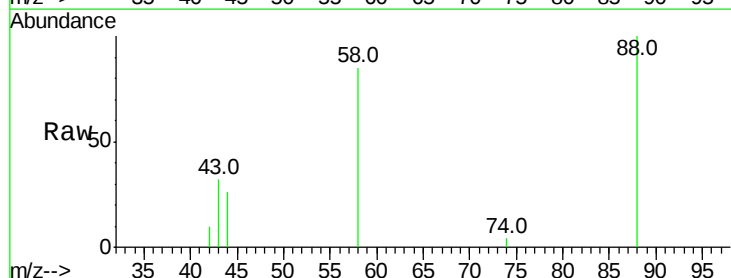
Tgt Ion: 88 Resp: 1596

Ion Ratio Lower Upper

88 100

58 76.8 63.6 95.4

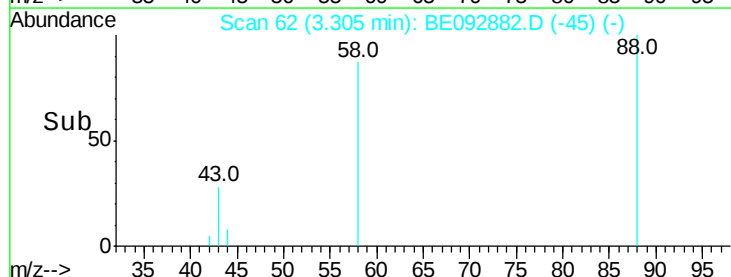
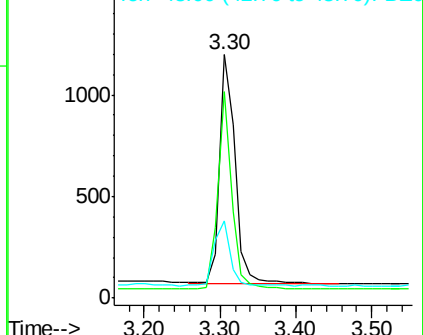
43 29.0 28.0 42.0

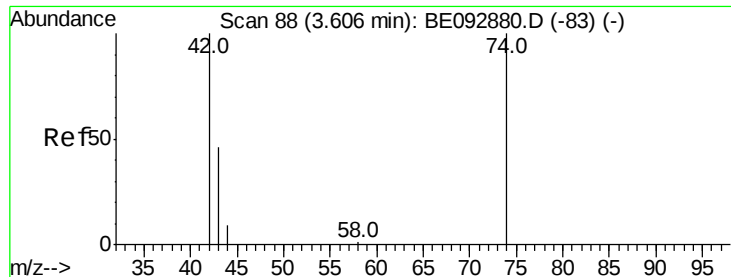


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 1.56 ng

RT: 3.61 min Scan# 88

Delta R.T. -0.00 min

Lab File: BE092882.D

Acq: 4 Apr 2017 13:32

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

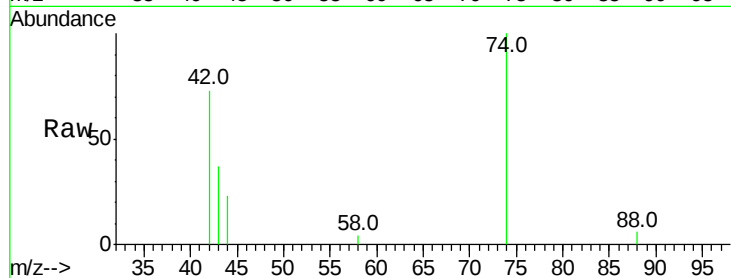
Tot Ion: 42 Resp: 1703

Ion Ratio Lower Upper

42 100

74 122.0 86.0 129.0

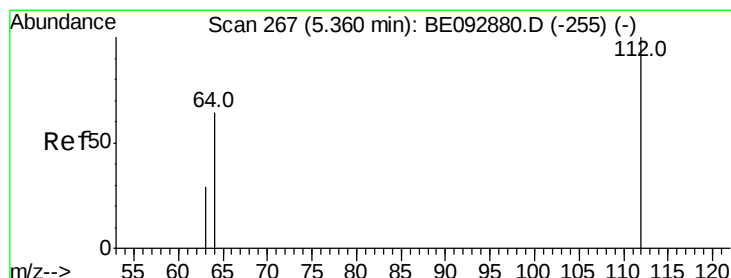
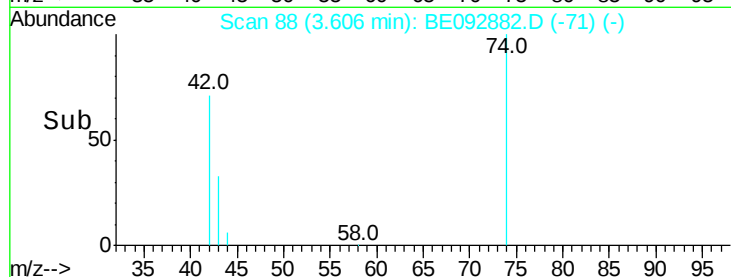
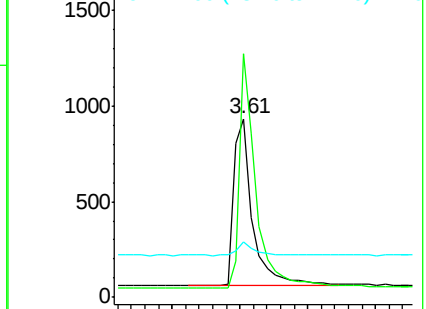
44 7.6 5.1 7.7



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: 1.31 ng

RT: 5.35 min Scan# 266

Delta R.T. -0.01 min

Lab File: BE092882.D

Acq: 4 Apr 2017 13:32

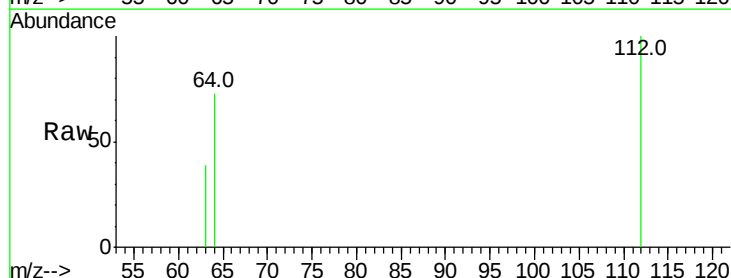
Tgt Ion: 112 Resp: 2410

Ion Ratio Lower Upper

112 100

64 69.2 53.5 80.3

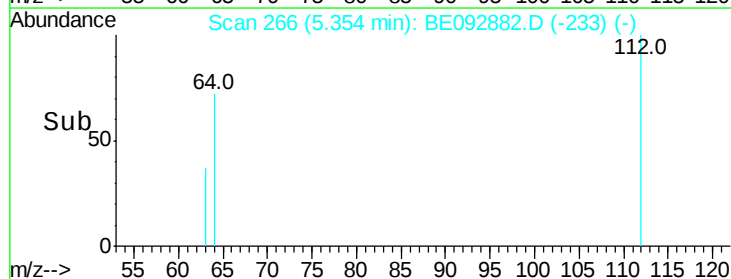
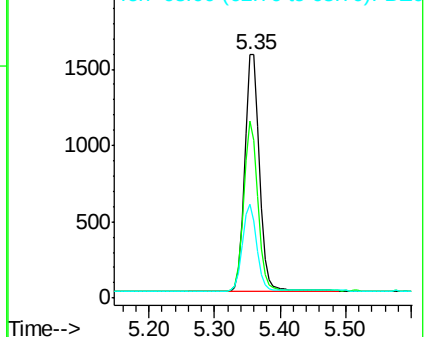
63 35.4 27.9 41.9

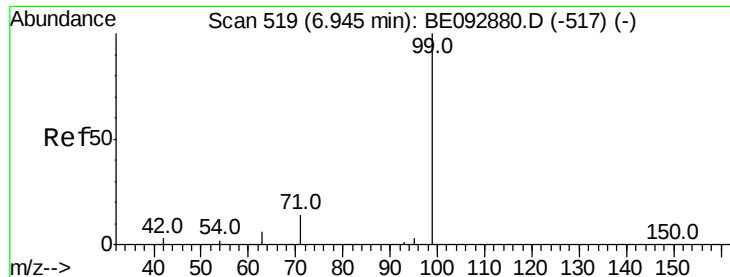


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 1.31 ng

RT: 6.94 min Scan# 519

Delta R.T. -0.00 min

Lab File: BE092882.D

Acq: 4 Apr 2017 13:32

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

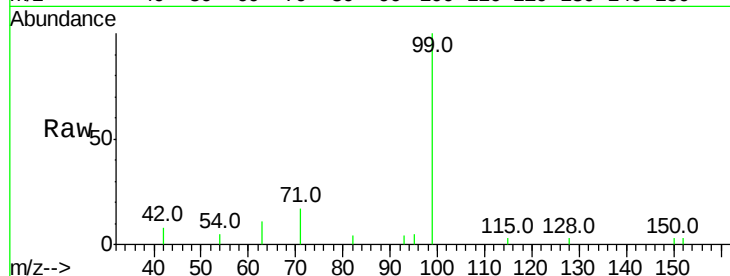
Tot Ion: 99 Resp: 3530

Ion Ratio Lower Upper

99 100

42 0.0 16.0 24.0#

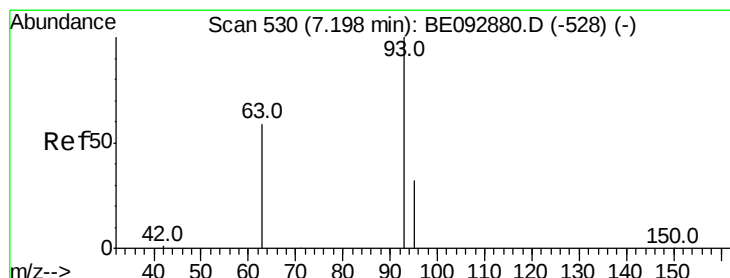
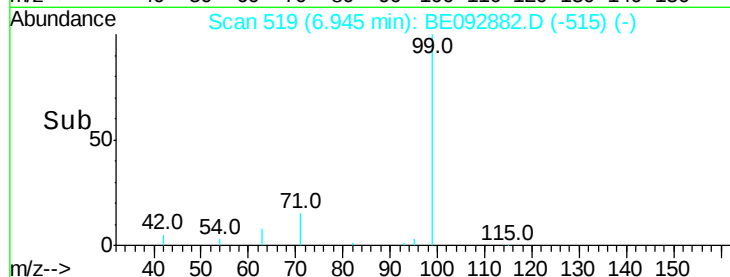
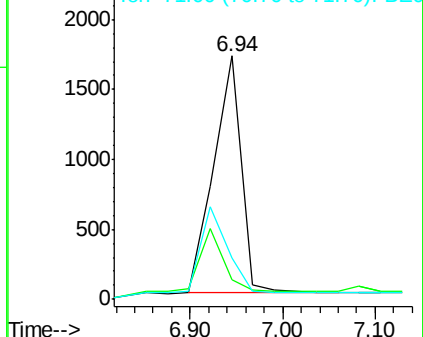
71 0.0 30.6 45.8#



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: 1.56 ng

RT: 7.20 min Scan# 530

Delta R.T. -0.00 min

Lab File: BE092882.D

Acq: 4 Apr 2017 13:32

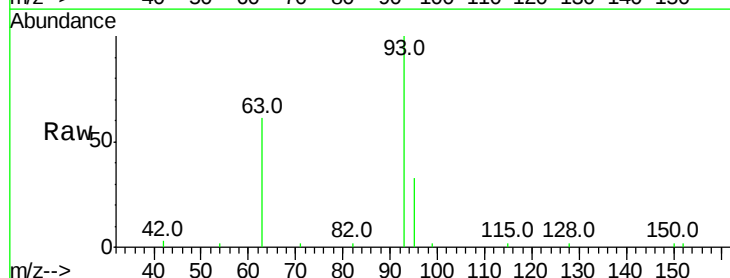
Tgt Ion: 93 Resp: 4015

Ion Ratio Lower Upper

93 100

63 75.8 16.0 24.0#

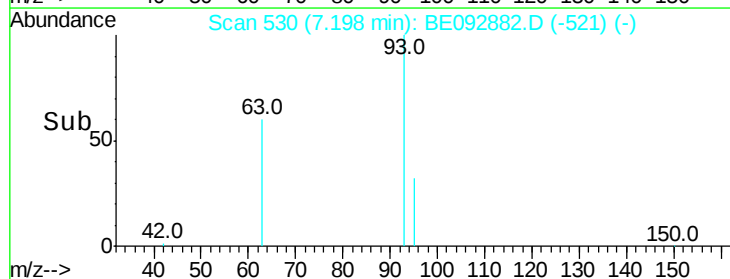
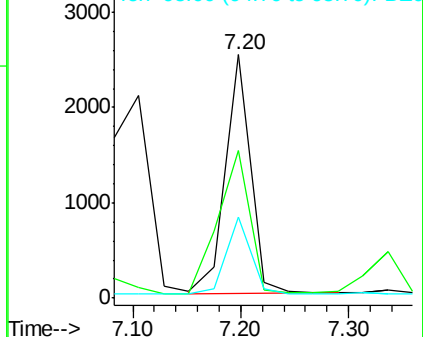
95 31.1 24.0 36.0

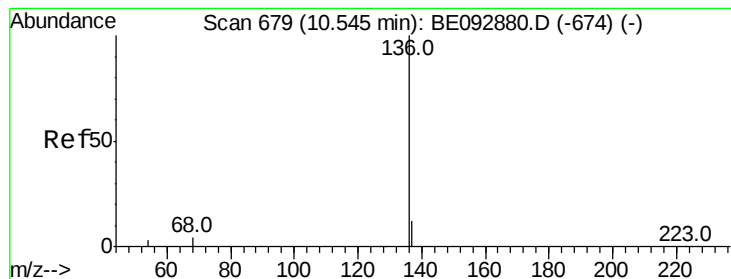


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.54 min Scan# 679

Delta R.T. -0.00 min

Lab File: BE092882.D

Acq: 4 Apr 2017 13:32

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

Tot Ion:136 Resp: 34822

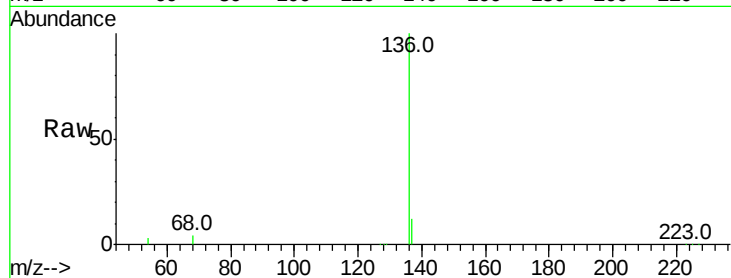
Ion Ratio Lower Upper

136 100

137 12.3 8.2 12.4

54 3.5 9.6 14.4#

68 3.8 6.7 10.1#

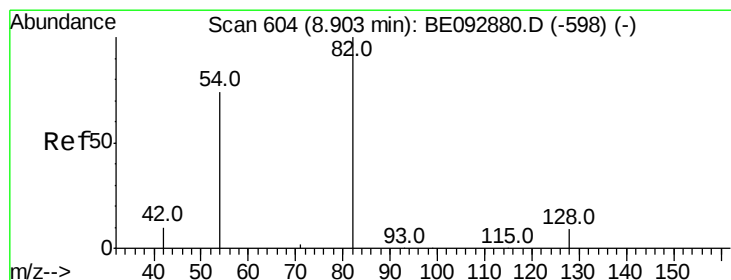
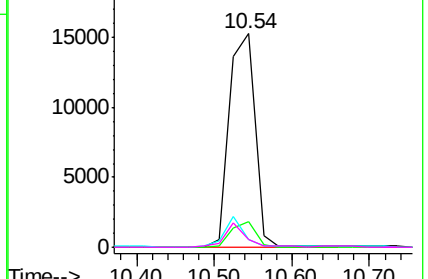
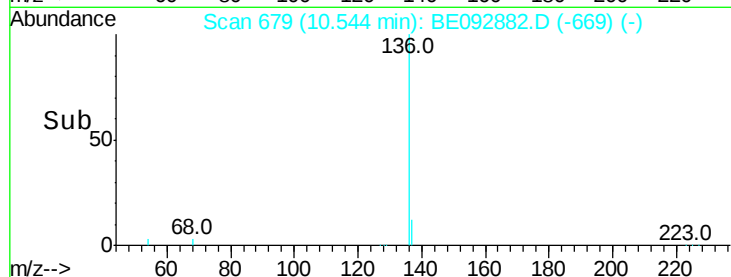


Abundance Ion 136.00 (135.70 to 136.70): E

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: 1.52 ng

RT: 8.90 min Scan# 604

Delta R.T. -0.00 min

Lab File: BE092882.D

Acq: 4 Apr 2017 13:32

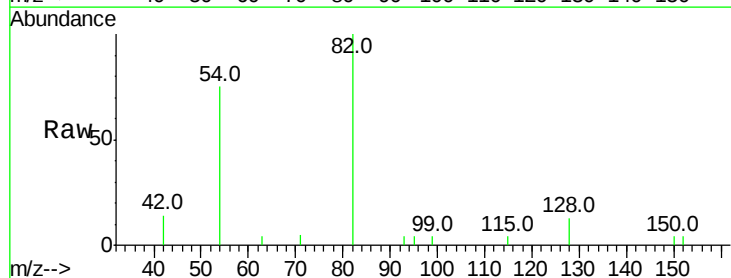
Tgt Ion: 82 Resp: 3048

Ion Ratio Lower Upper

82 100

128 13.5 39.0 58.4#

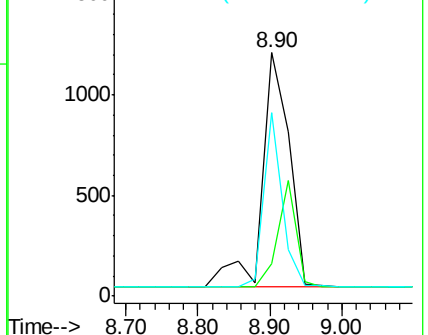
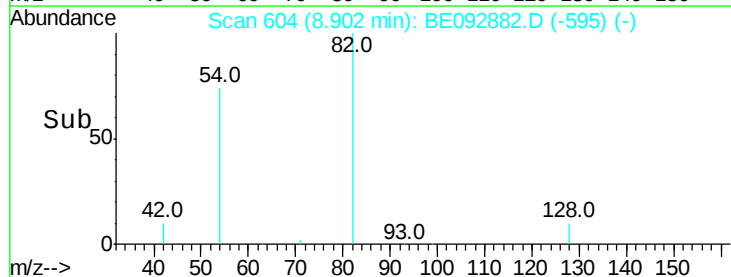
54 75.3 44.8 67.2#

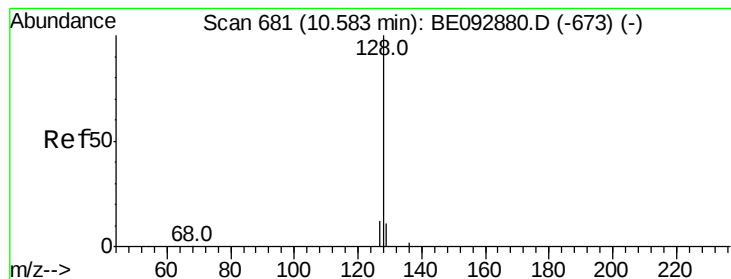


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 1.58 ng

RT: 10.58 min Scan# 681

Delta R.T. -0.00 min

Lab File: BE092882.D

Acq: 4 Apr 2017 13:32

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

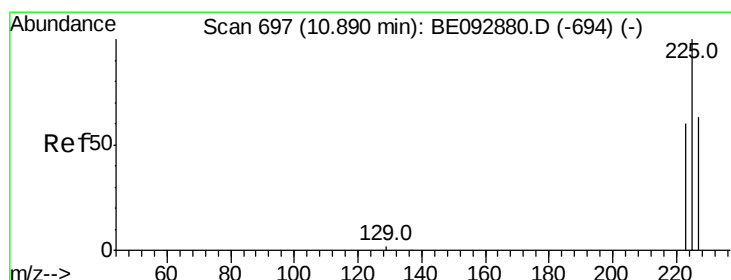
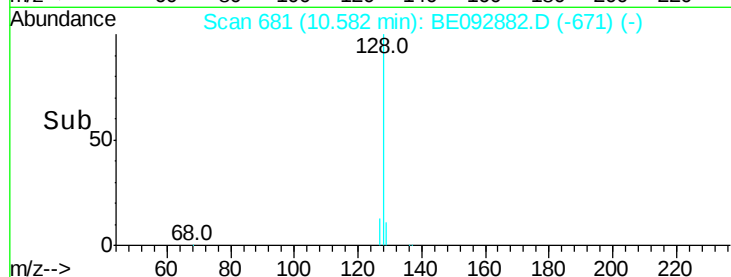
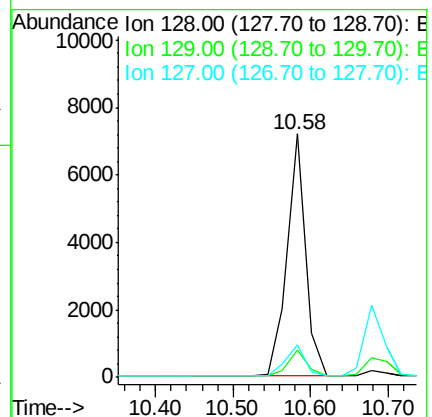
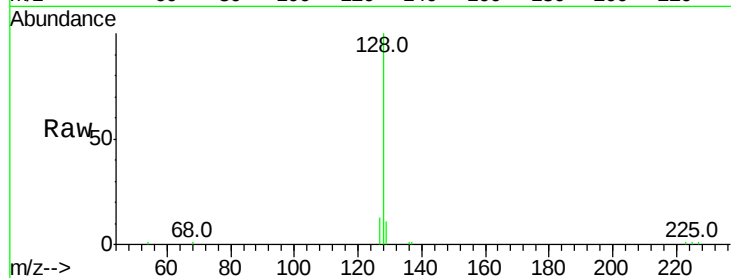
Tot Ion:128 Resp: 12073

Ion Ratio Lower Upper

128 100

129 11.4 11.2 16.8

127 13.2 11.6 17.4



#10

Hexachlorobutadiene

Concen: 1.56 ng

RT: 10.89 min Scan# 697

Delta R.T. -0.00 min

Lab File: BE092882.D

Acq: 4 Apr 2017 13:32

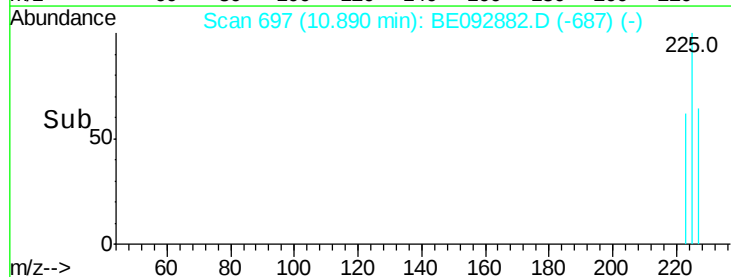
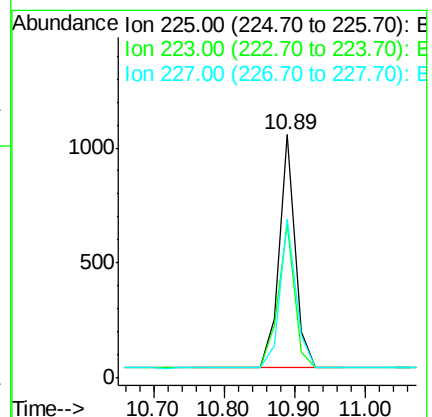
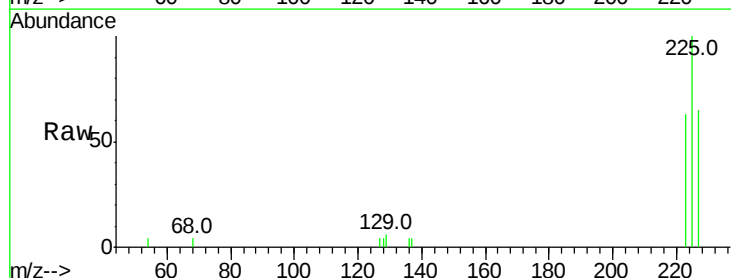
Tgt Ion:225 Resp: 1599

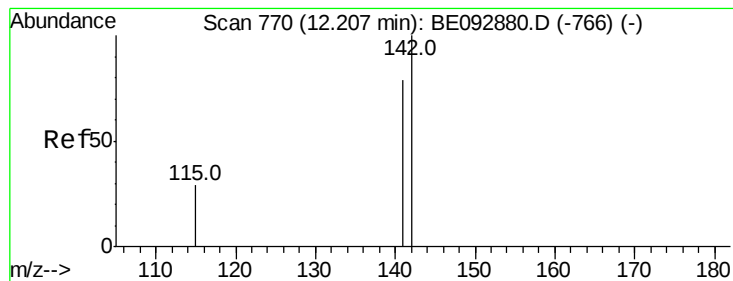
Ion Ratio Lower Upper

225 100

223 63.8 50.6 76.0

227 63.6 51.4 77.0





#11

2-Methylnaphthalene

Concen: 1.56 ng

RT: 12.21 min Scan# 770

Delta R.T. -0.00 min

Lab File: BE092882.D

Acq: 4 Apr 2017 13:32

Instrument :

BNA_E

ClientSampleId :

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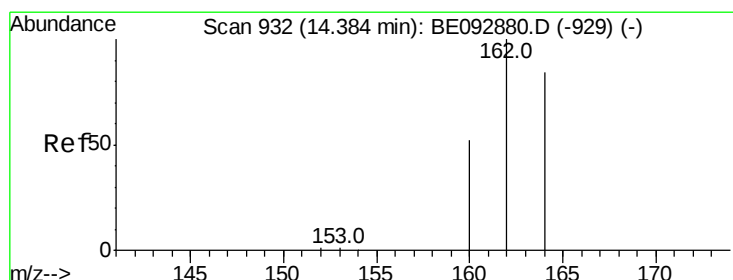
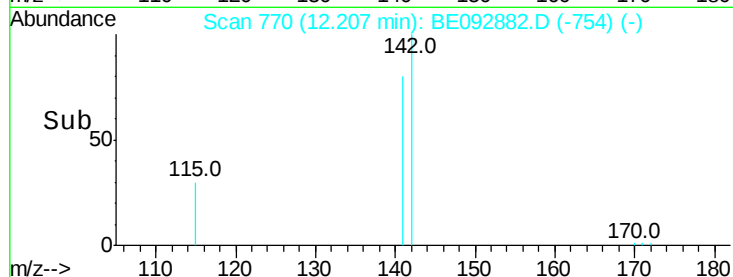
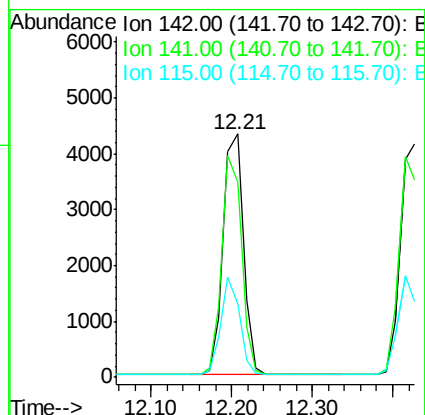
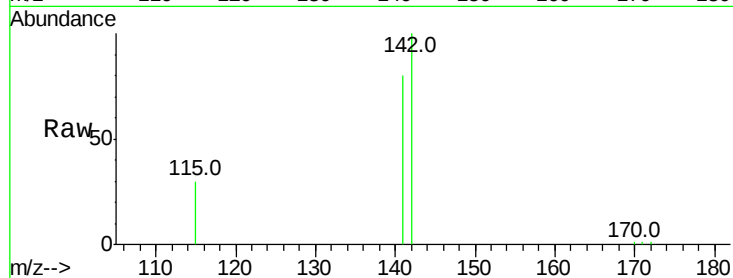
Tot Ion:142 Resp: 7543

Ion Ratio Lower Upper

142 100

141 80.0 73.7 110.5

115 30.3 34.0 51.0#



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.38 min Scan# 932

Delta R.T. -0.00 min

Lab File: BE092882.D

Acq: 4 Apr 2017 13:32

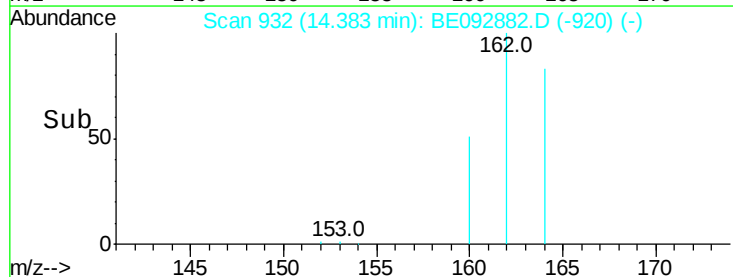
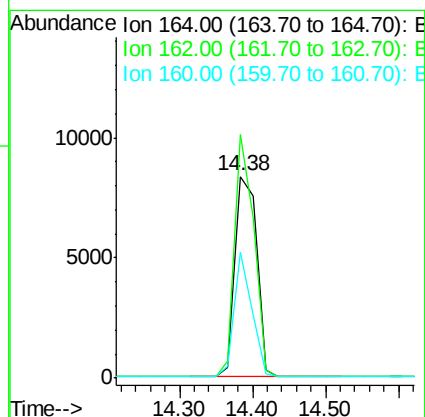
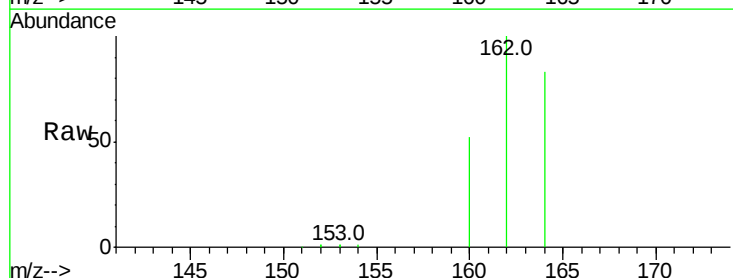
Tgt Ion:164 Resp: 16965

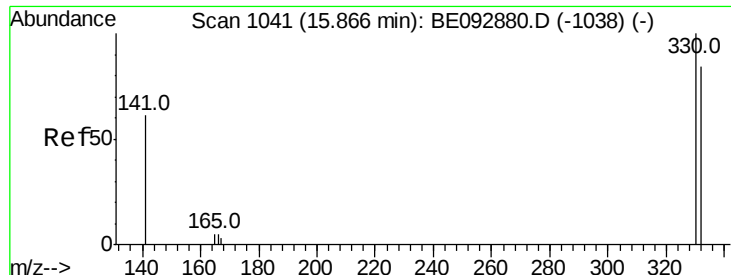
Ion Ratio Lower Upper

164 100

162 120.6 71.4 107.0#

160 62.3 27.4 41.2#

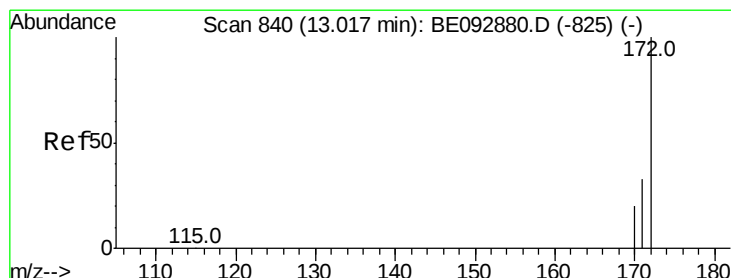
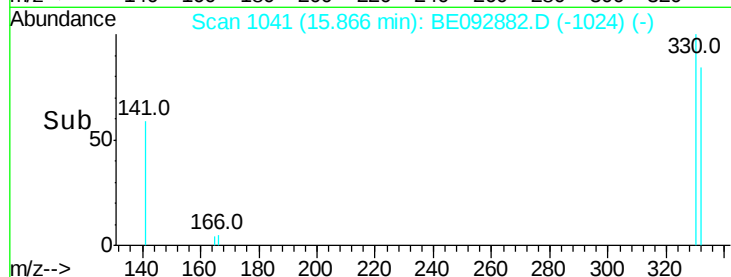
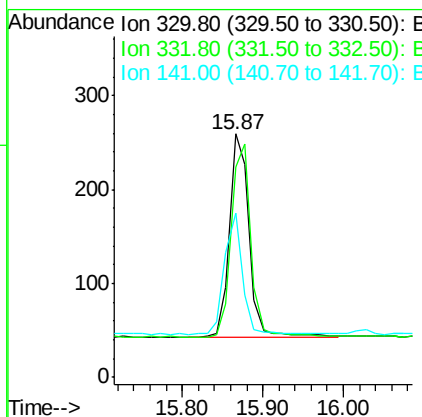
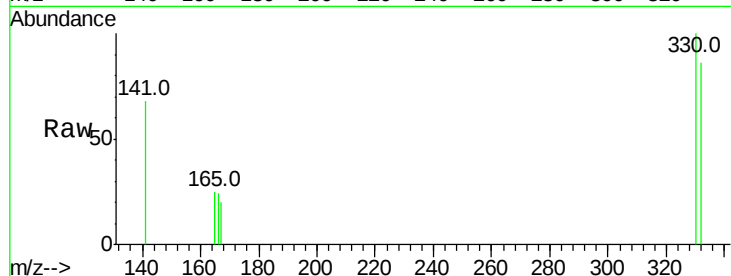




#13
 2,4,6-Tribromophenol
 Concen: 1.36 ng
 RT: 15.87 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: BE092882.D
 Acq: 4 Apr 2017 13:32

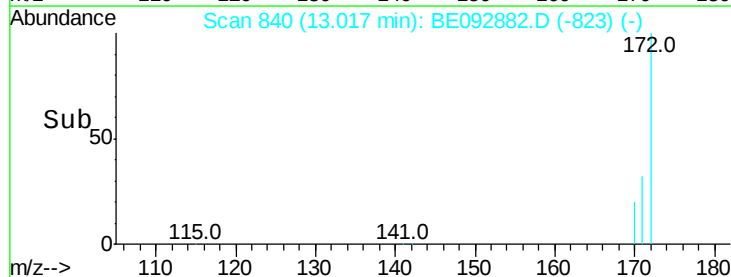
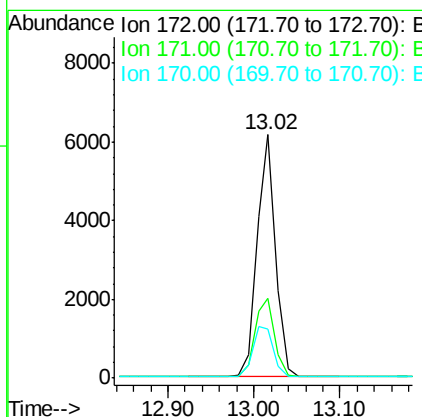
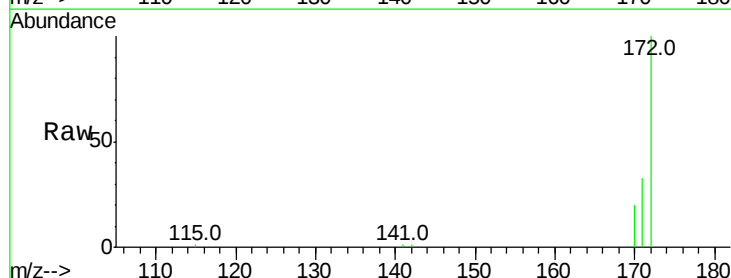
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC1.6

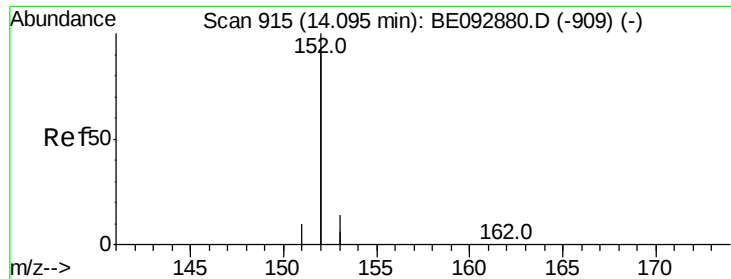
Tot Ion:330 Resp: 360
 Ion Ratio Lower Upper
 330 100
 332 96.4 75.4 113.0
 141 57.2 31.0 46.6#



#14
 2-Fluorobiphenyl
 Concen: 1.63 ng
 RT: 13.02 min Scan# 840
 Delta R.T. -0.00 min
 Lab File: BE092882.D
 Acq: 4 Apr 2017 13:32

Tgt Ion:172 Resp: 9130
 Ion Ratio Lower Upper
 172 100
 171 32.9 30.1 45.1
 170 20.3 21.8 32.6#





#15

Acenaphthylene

Concen: 1.55 ng

RT: 14.09 min Scan# 915

Delta R.T. -0.00 min

Lab File: BE092882.D

Acq: 4 Apr 2017 13:32

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

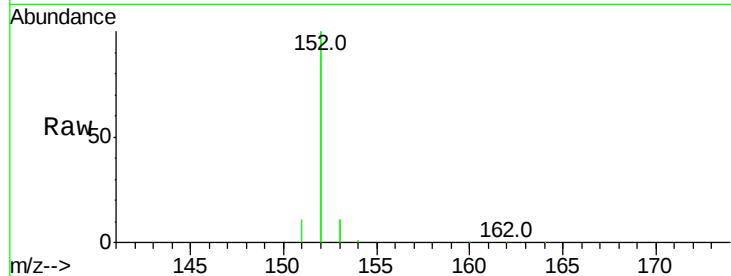
Tot Ion:152 Resp: 40291

Ion Ratio Lower Upper

152 100

151 5.0 3.9 5.9

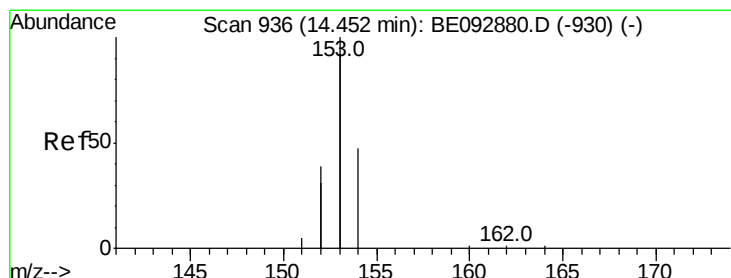
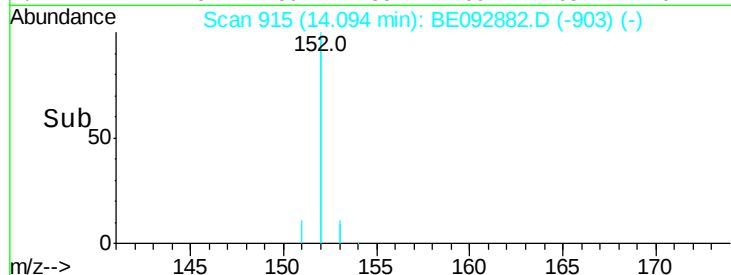
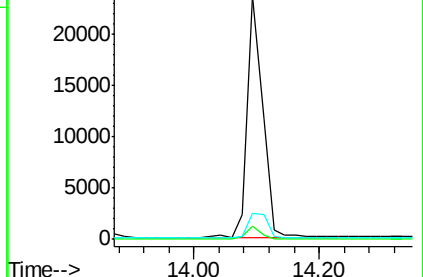
153 12.9 10.4 15.6



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: 1.63 ng

RT: 14.45 min Scan# 936

Delta R.T. -0.00 min

Lab File: BE092882.D

Acq: 4 Apr 2017 13:32

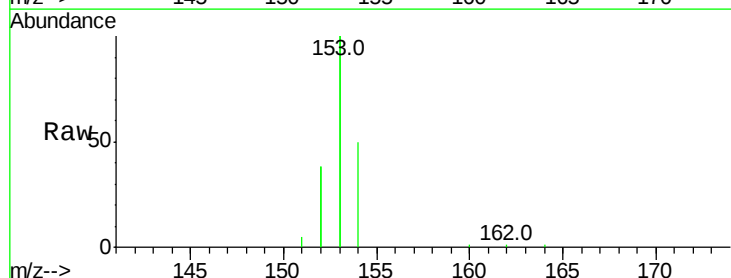
Tgt Ion:154 Resp: 7553

Ion Ratio Lower Upper

154 100

153 444.8 350.8 526.2

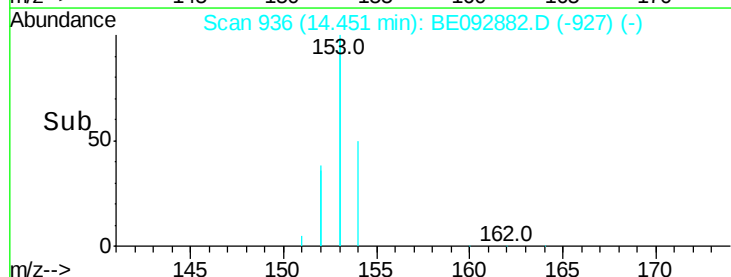
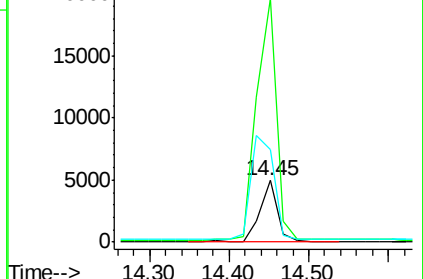
152 221.7 171.1 256.7

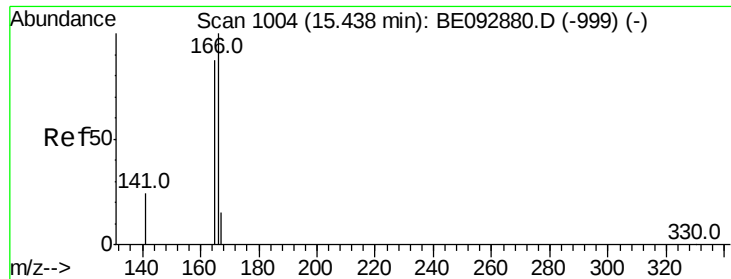


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

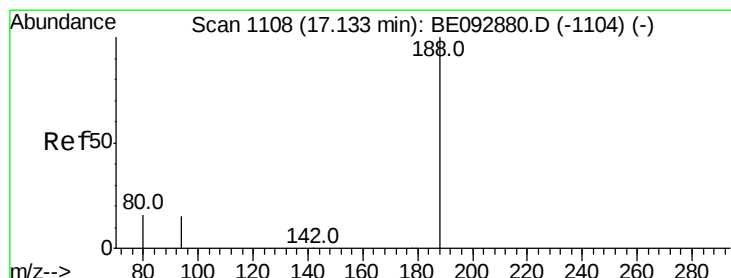
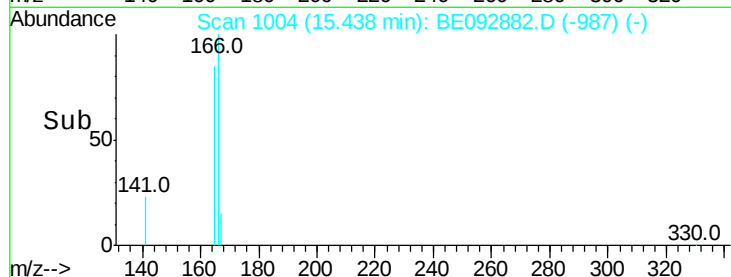
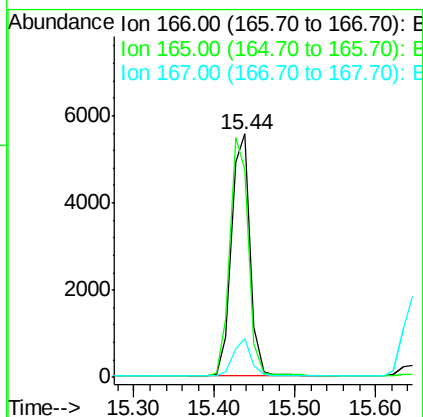
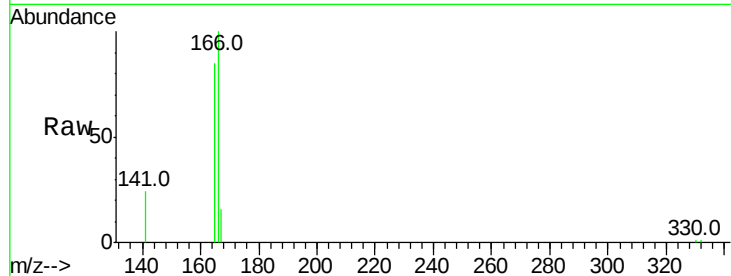




#17
Fluorene
 Concen: 1.58 ng
 RT: 15.44 min Scan# 1004
 Delta R.T. -0.00 min
 Lab File: BE092882.D
 Acq: 4 Apr 2017 13:32

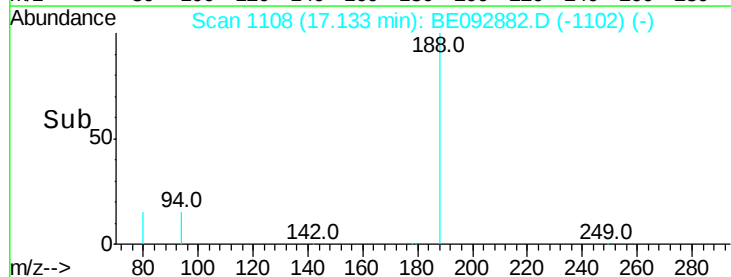
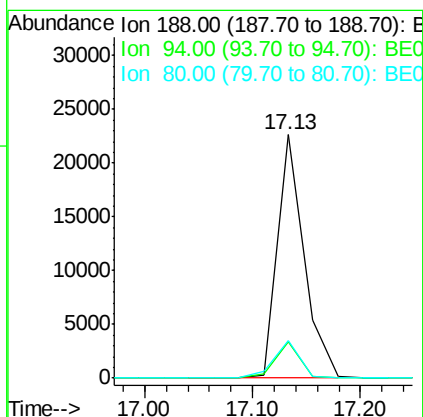
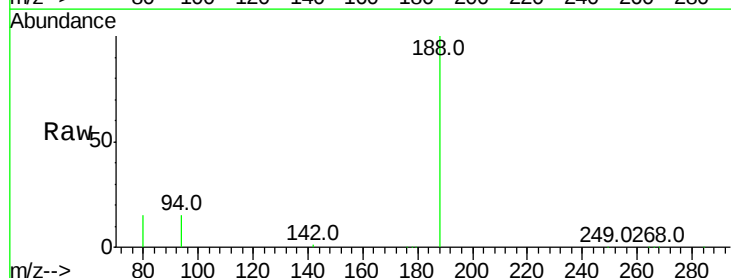
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC1.6

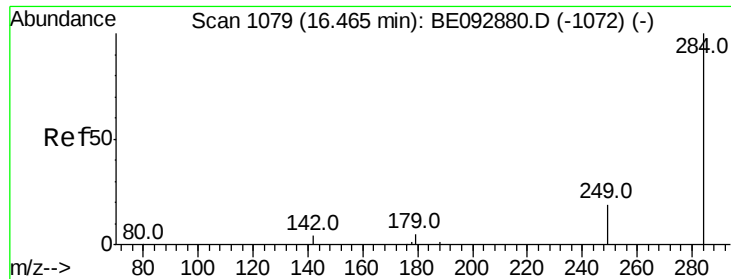
Tot Ion:166 Resp: 8730
 Ion Ratio Lower Upper
 166 100
 165 98.5 78.2 117.4
 167 14.4 11.0 16.4



#18
Phenanthrene-d10
 Concen: 5.00 ng
 RT: 17.13 min Scan# 1108
 Delta R.T. -0.00 min
 Lab File: BE092882.D
 Acq: 4 Apr 2017 13:32

Tgt Ion:188 Resp: 39016
 Ion Ratio Lower Upper
 188 100
 94 14.8 3.2 4.8#
 80 15.3 2.6 3.8#

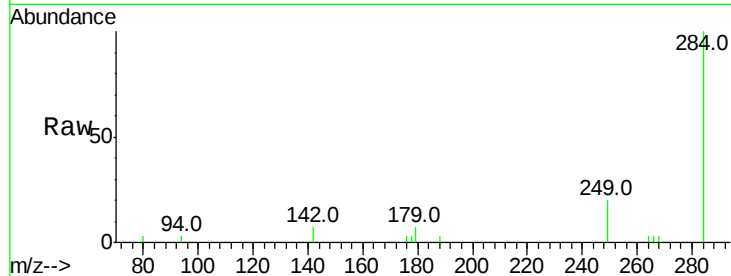




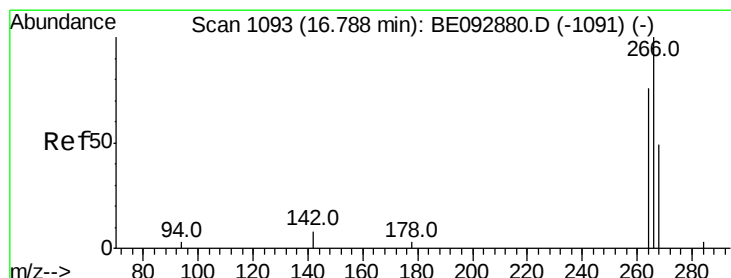
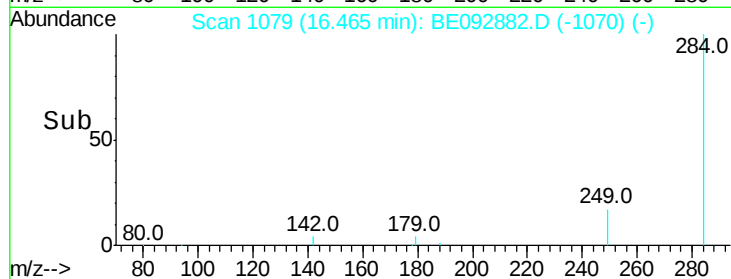
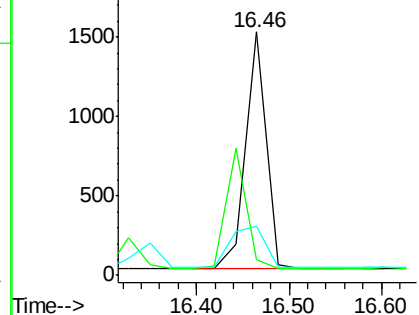
#19
Hexachlorobenzene
Concen: 1.60 ng
RT: 16.46 min Scan# 1079
Delta R.T. -0.00 min
Lab File: BE092882.D
Acq: 4 Apr 2017 13:32

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tot Ion:284 Resp: 2308
Ion Ratio Lower Upper
284 100
142 0.0 29.1 43.7#
249 29.5 27.9 41.9

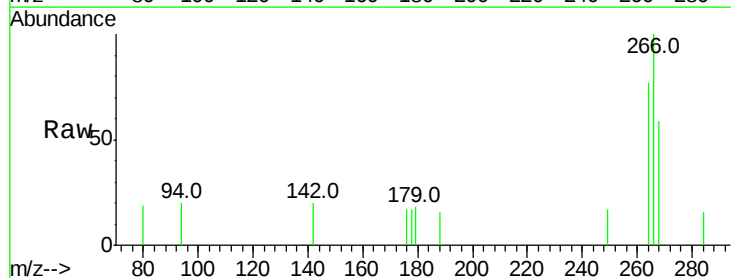


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

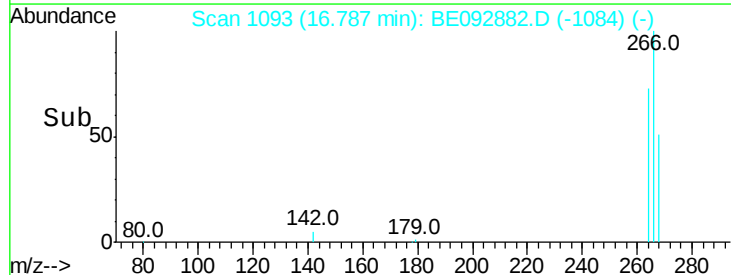
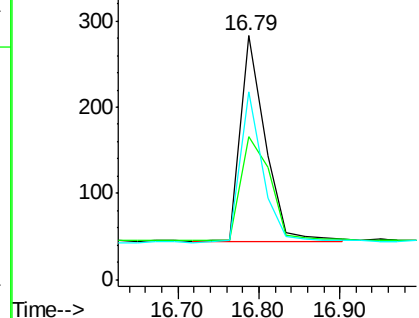


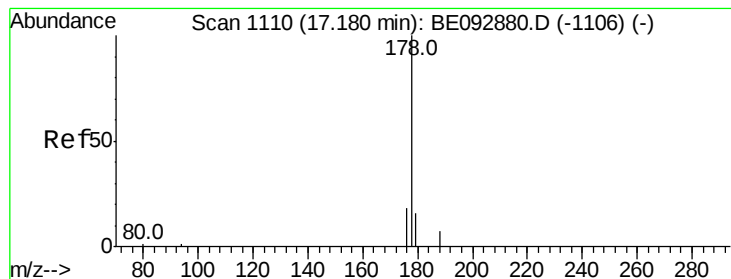
#20
Pentachlorophenol
Concen: 1.34 ng
RT: 16.79 min Scan# 1093
Delta R.T. -0.00 min
Lab File: BE092882.D
Acq: 4 Apr 2017 13:32

Tgt Ion:266 Resp: 503
Ion Ratio Lower Upper
266 100
268 58.7 62.5 93.7#
264 77.0 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: 1.78 ng

RT: 17.18 min Scan# 1110

Delta R.T. -0.00 min

Lab File: BE092882.D

Acq: 4 Apr 2017 13:32

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

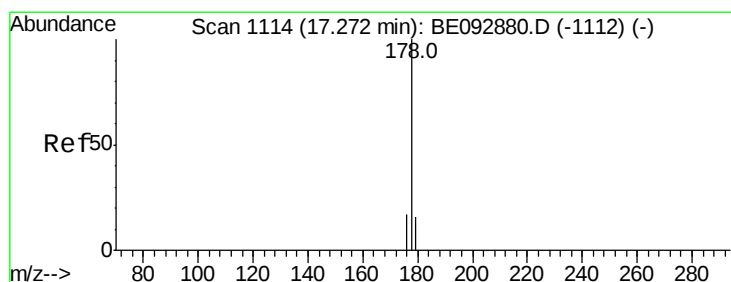
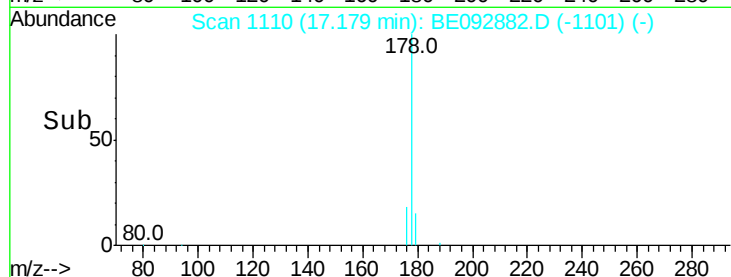
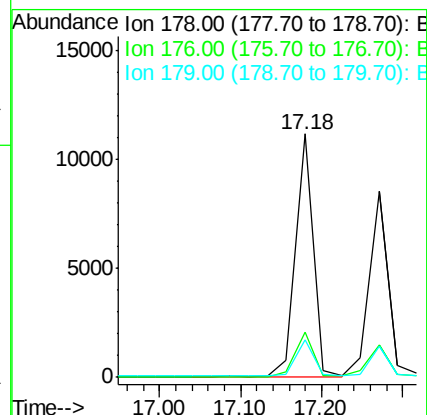
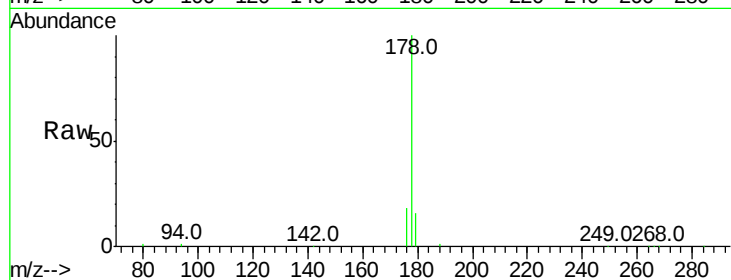
Tot Ion:178 Resp: 16880

Ion Ratio Lower Upper

178 100

176 18.6 15.8 23.8

179 15.3 16.0 24.0#



#22

Anthracene

Concen: 1.61 ng

RT: 17.27 min Scan# 1114

Delta R.T. -0.00 min

Lab File: BE092882.D

Acq: 4 Apr 2017 13:32

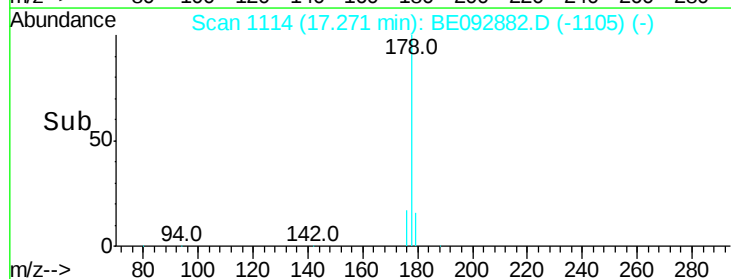
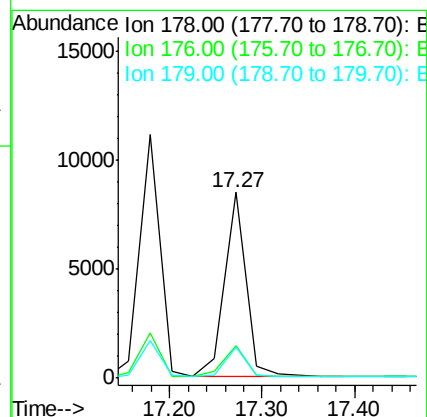
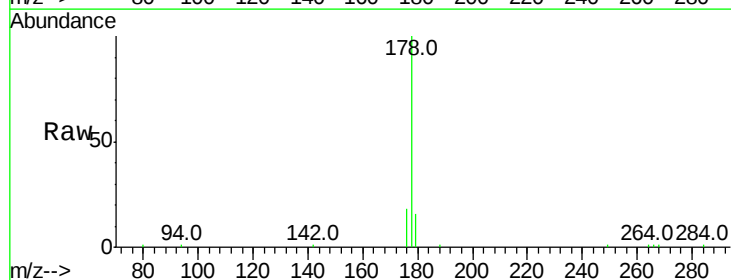
Tgt Ion:178 Resp: 13852

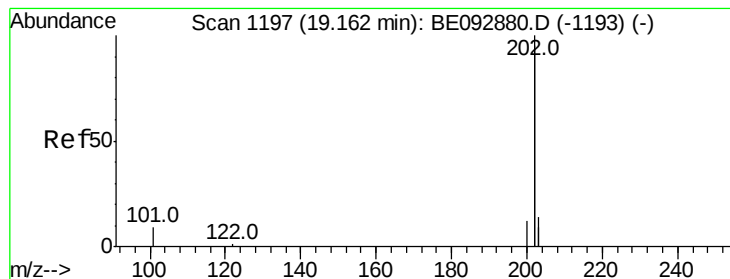
Ion Ratio Lower Upper

178 100

176 17.9 15.0 22.4

179 15.6 12.2 18.2





#23

Fluoranthene

Concen: 1.38 ng

RT: 19.16 min Scan# 1197

Delta R.T. -0.00 min

Lab File: BE092882.D

Acq: 4 Apr 2017 13:32

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

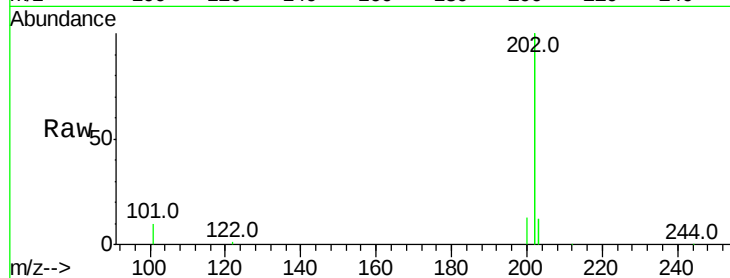
Tot Ion:202 Resp: 60309

Ion Ratio Lower Upper

202 100

101 3.3 2.2 3.4

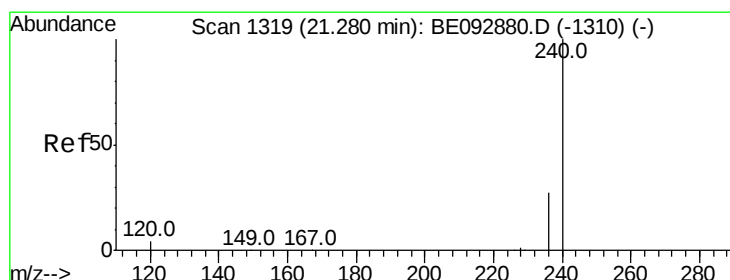
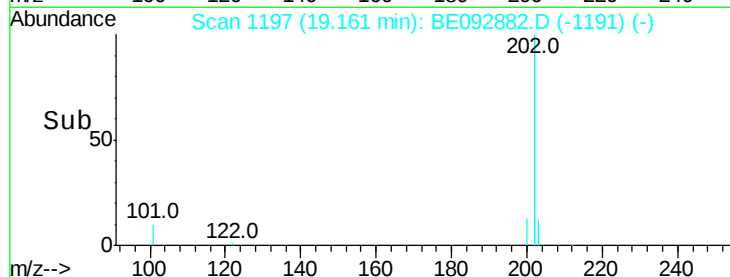
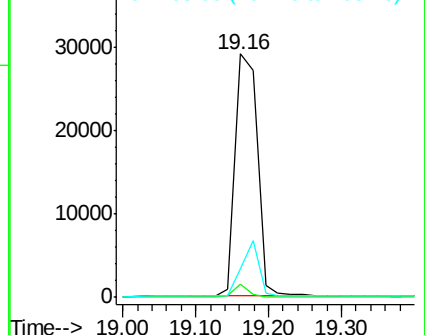
203 17.8 13.7 20.5



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: 21.28 min Scan# 1319

Delta R.T. -0.00 min

Lab File: BE092882.D

Acq: 4 Apr 2017 13:32

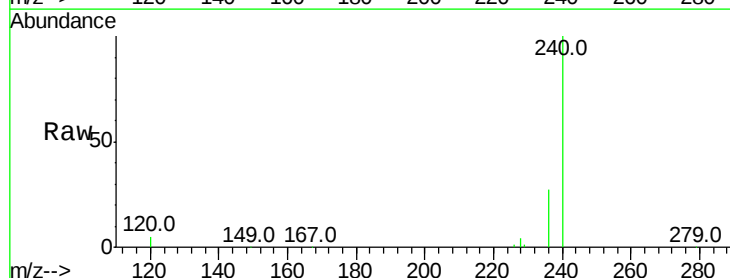
Tgt Ion:240 Resp: 46382

Ion Ratio Lower Upper

240 100

120 5.1 2.6 4.0#

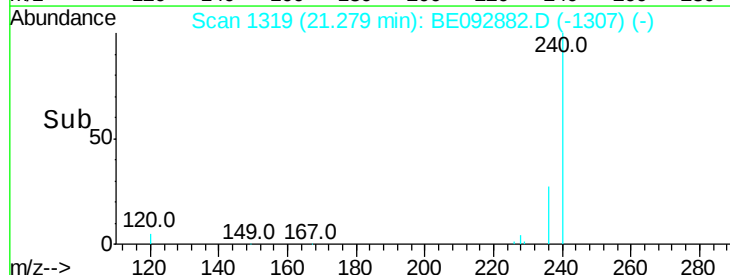
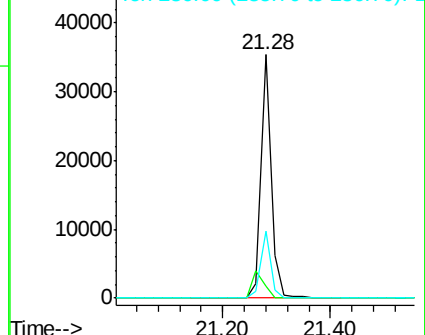
236 27.5 24.6 37.0

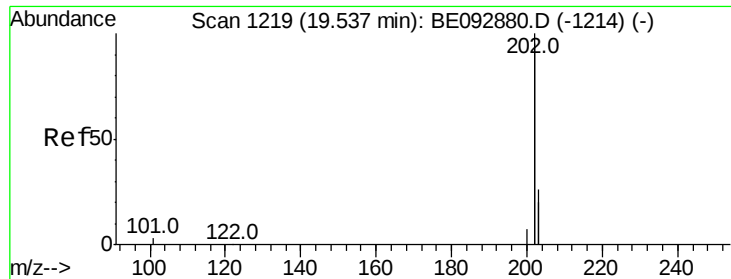


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#25

Pvrene

Concen: 1.45 ng

RT: 19.54 min Scan# 1219

Delta R.T. -0.00 min

Lab File: BE092882.D

Acq: 4 Apr 2017 13:32

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

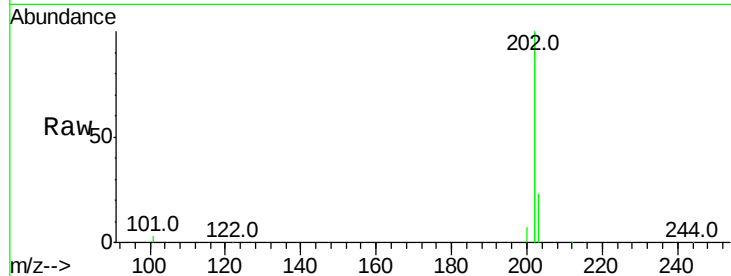
Tot Ion:202 Resp: 66773

Ion Ratio Lower Upper

202 100

200 5.1 4.2 6.4

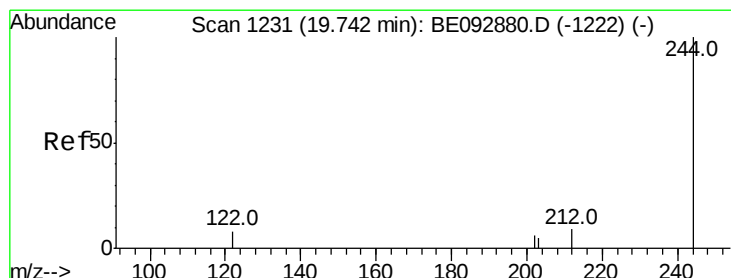
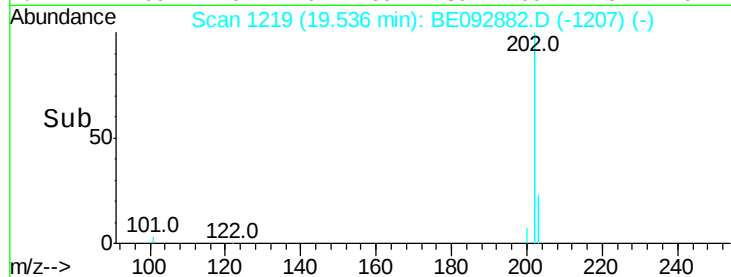
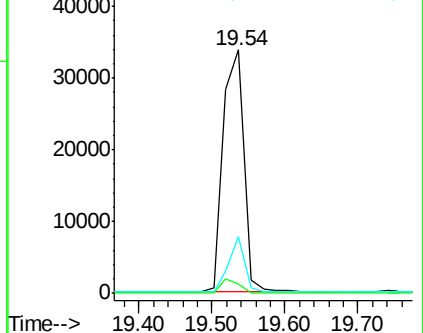
203 17.8 13.9 20.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#26

Terphenyl-d14

Concen: 1.46 ng

RT: 19.74 min Scan# 1231

Delta R.T. -0.00 min

Lab File: BE092882.D

Acq: 4 Apr 2017 13:32

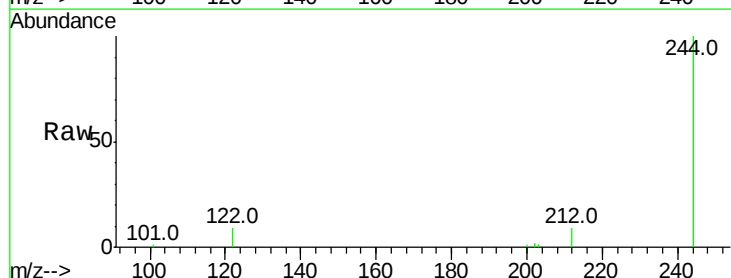
Tgt Ion:244 Resp: 11727

Ion Ratio Lower Upper

244 100

212 9.3 6.7 10.1

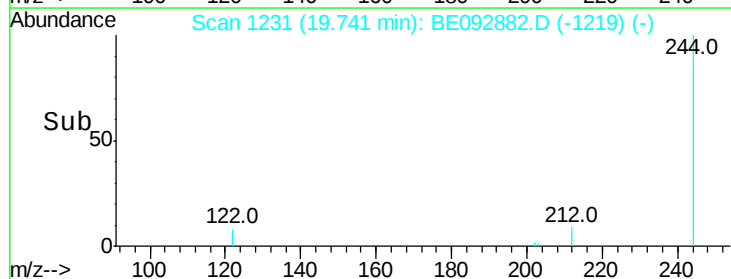
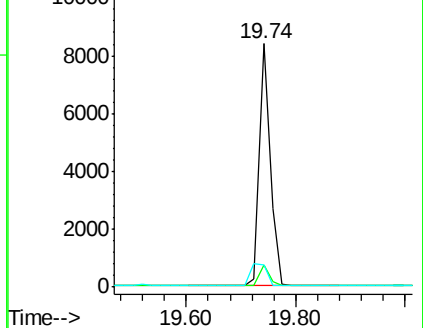
122 9.1 3.6 5.4#

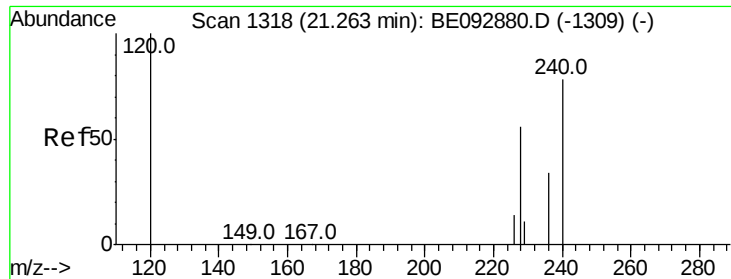


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#27

Benzo(a)anthracene

Concen: 1.46 ng

RT: 21.26 min Scan# 1318

Delta R.T. -0.00 min

Lab File: BE092882.D

Acq: 4 Apr 2017 13:32

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

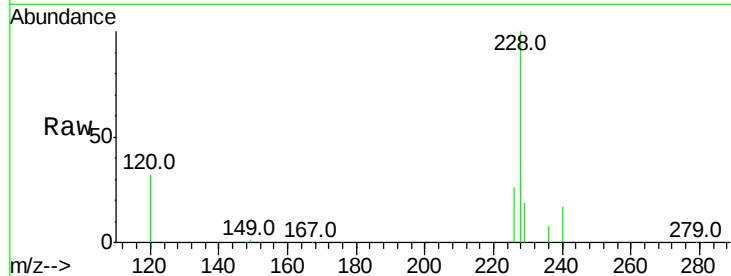
Tot Ion:228 Resp: 16093

Ion Ratio Lower Upper

228 100

226 26.0 23.6 35.4

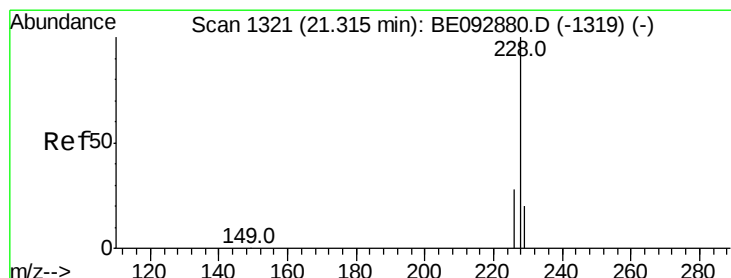
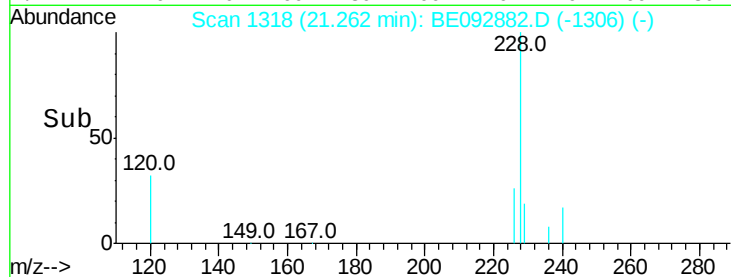
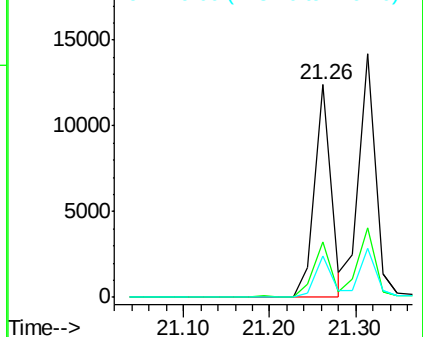
229 19.5 13.3 19.9



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: 1.63 ng

RT: 21.31 min Scan# 1321

Delta R.T. -0.00 min

Lab File: BE092882.D

Acq: 4 Apr 2017 13:32

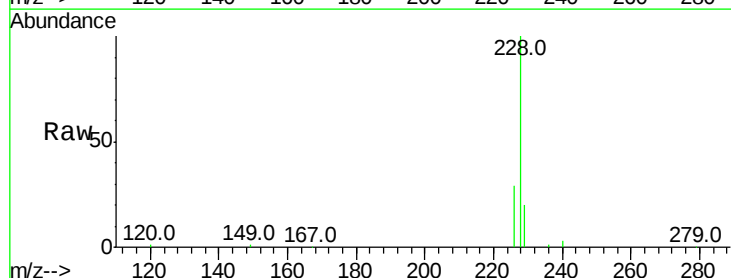
Tgt Ion:228 Resp: 18921

Ion Ratio Lower Upper

228 100

226 28.6 36.3 54.5#

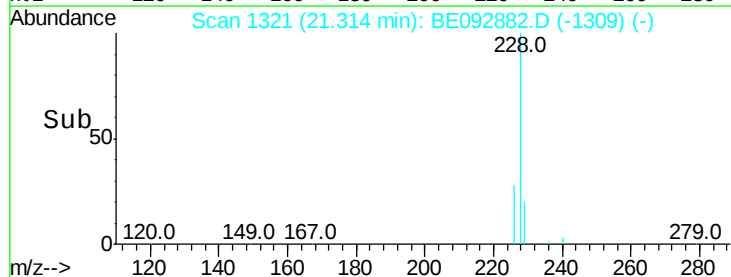
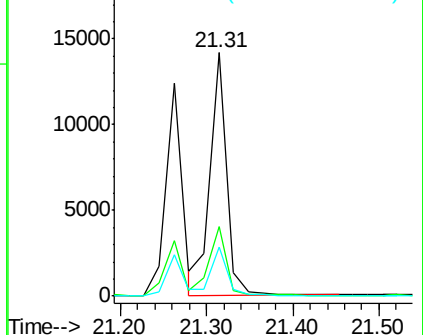
229 20.1 10.6 16.0#

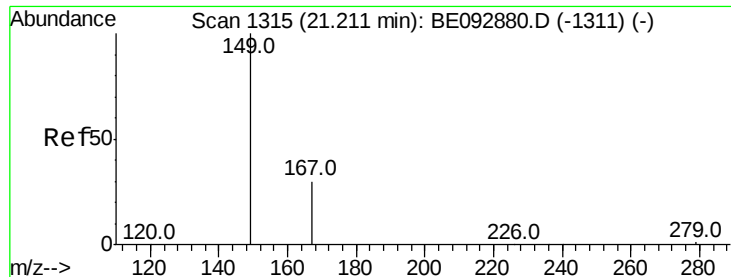


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#29

Bis(2-ethylhexyl)phthalate

Concen: 1.02 ng

RT: 21.21 min Scan# 1315

Delta R.T. -0.00 min

Lab File: BE092882.D

Acq: 4 Apr 2017 13:32

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

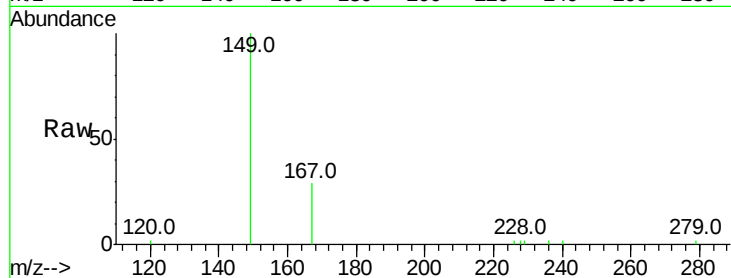
Tot Ion:149 Resp: 3430

Ion Ratio Lower Upper

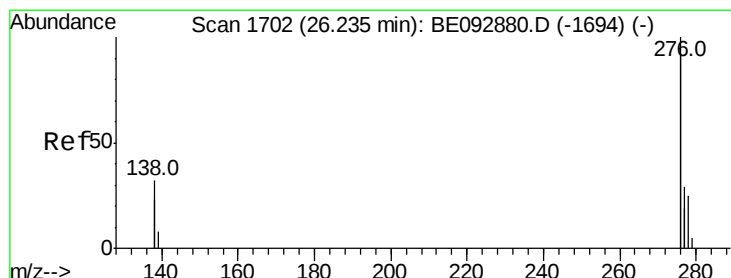
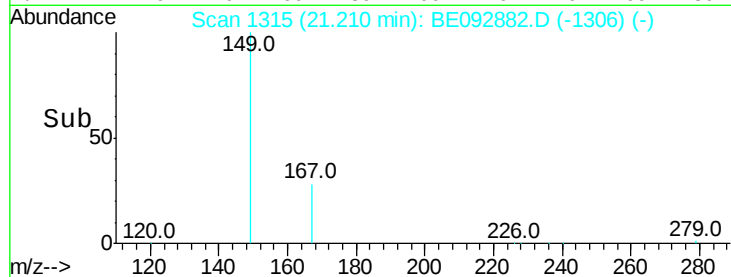
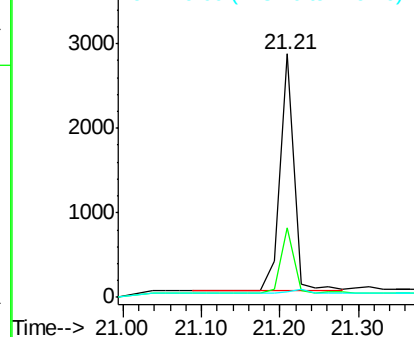
149 100

167 27.1 16.0 24.0#

279 2.3 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: 1.38 ng

RT: 26.24 min Scan# 1702

Delta R.T. 0.00 min

Lab File: BE092882.D

Acq: 4 Apr 2017 13:32

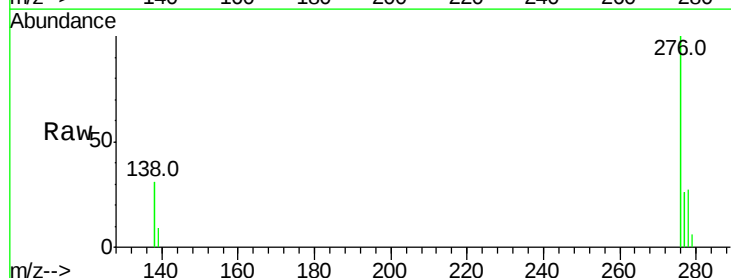
Tgt Ion:276 Resp: 60358

Ion Ratio Lower Upper

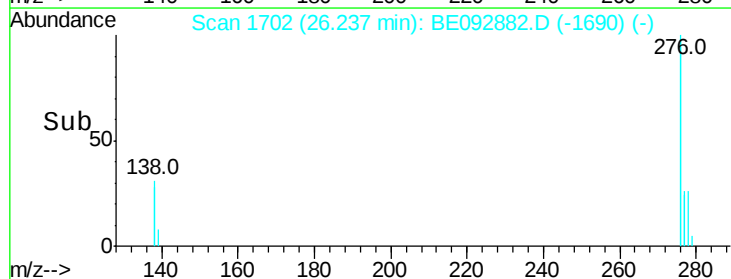
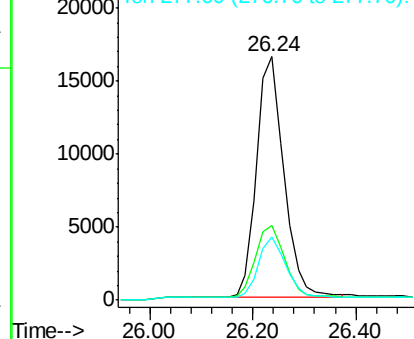
276 100

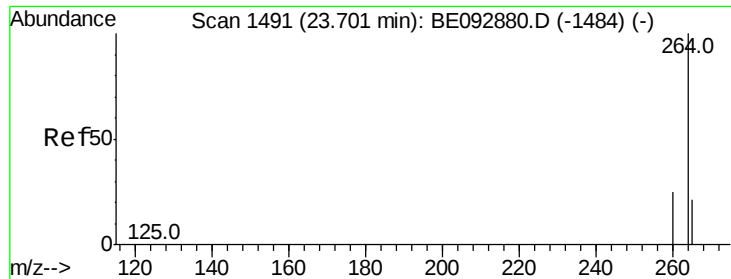
138 31.9 20.3 30.5#

277 25.1 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

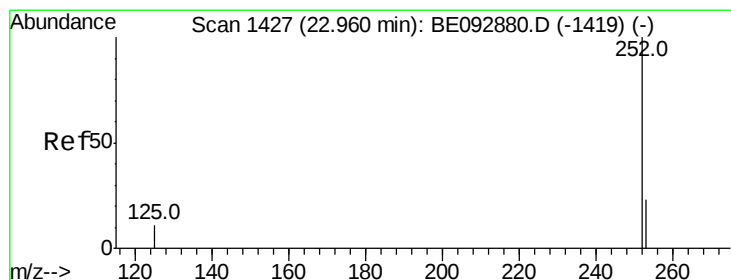
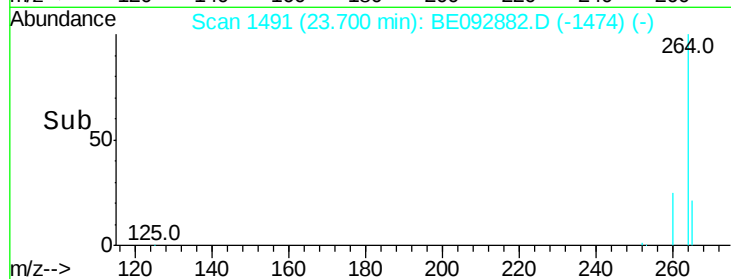
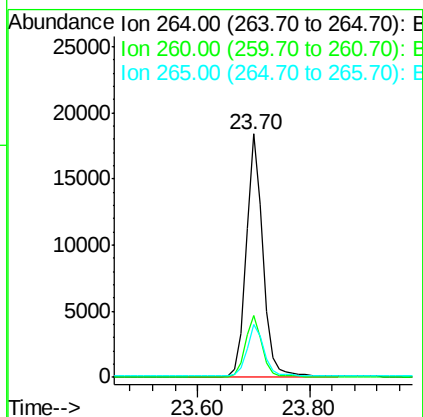
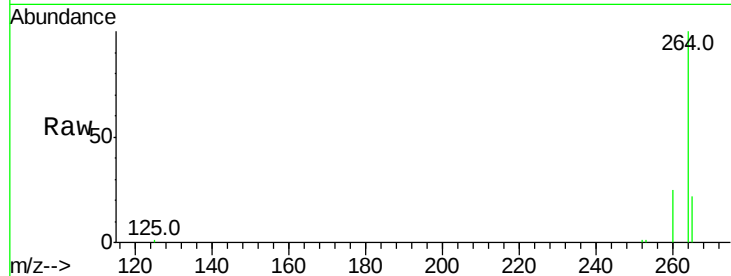




#31
 Pervlene-d12
 Concen: 5.00 ng
 RT: 23.70 min Scan# 1491
 Delta R.T. -0.00 min
 Lab File: BE092882.D
 Acq: 4 Apr 2017 13:32

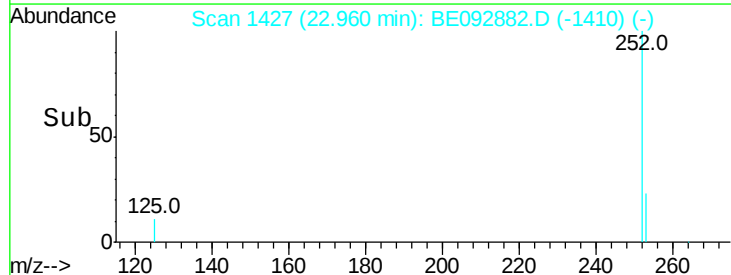
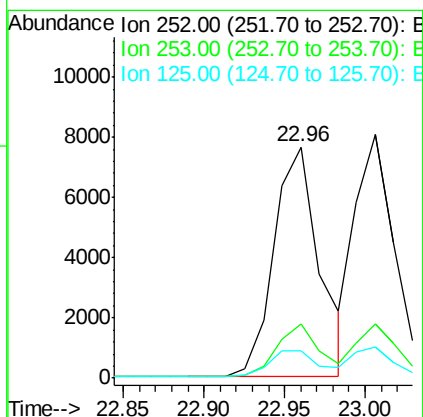
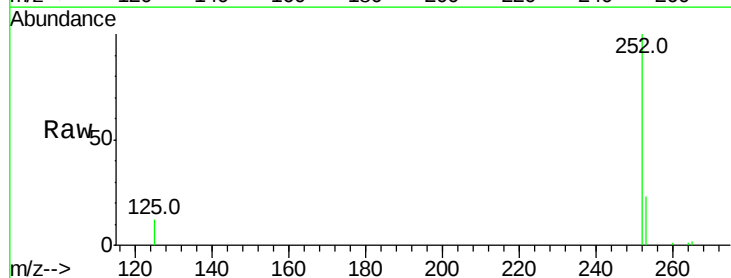
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC1.6

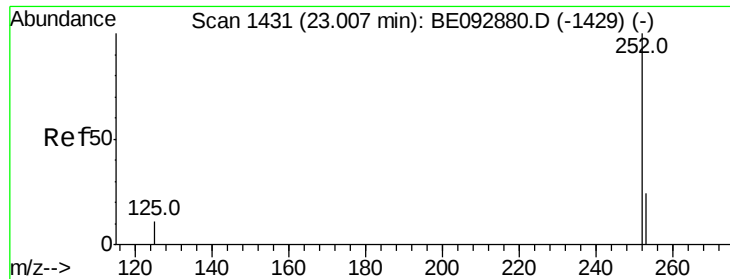
Tot Ion:264 Resp: 38075
 Ion Ratio Lower Upper
 264 100
 260 25.2 20.1 30.1
 265 21.7 17.9 26.9



#32
 Benzo(b)fluoranthene
 Concen: 1.49 ng
 RT: 22.96 min Scan# 1427
 Delta R.T. -0.00 min
 Lab File: BE092882.D
 Acq: 4 Apr 2017 13:32

Tgt Ion:252 Resp: 15062
 Ion Ratio Lower Upper
 252 100
 253 23.3 18.7 28.1
 125 12.0 10.5 15.7





#33

Benzo(k)fluoranthene

Concen: 1.55 ng

RT: 23.01 min Scan# 1431

Delta R.T. -0.00 min

Lab File: BE092882.D

Acq: 4 Apr 2017 13:32

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

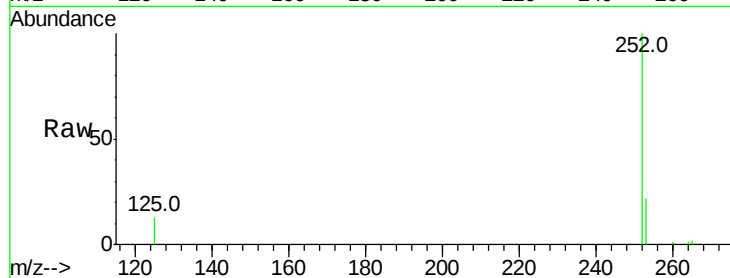
Tot Ion:252 Resp: 14060

Ion Ratio Lower Upper

252 100

253 22.3 20.3 30.5

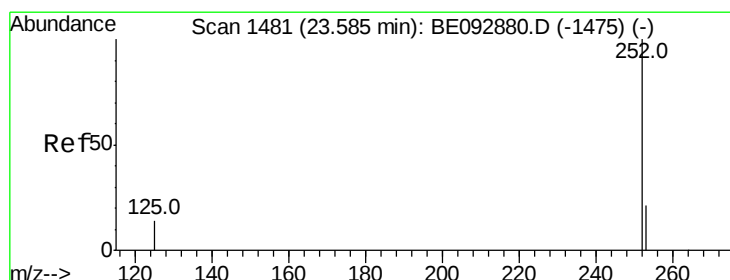
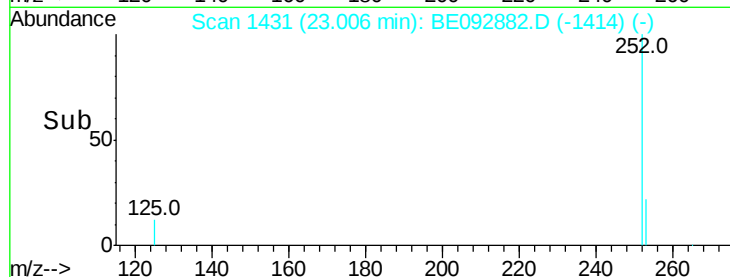
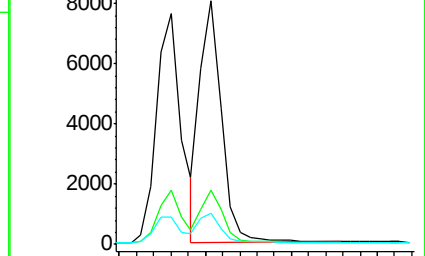
125 12.6 9.6 14.4



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: 1.42 ng

RT: 23.58 min Scan# 1481

Delta R.T. -0.00 min

Lab File: BE092882.D

Acq: 4 Apr 2017 13:32

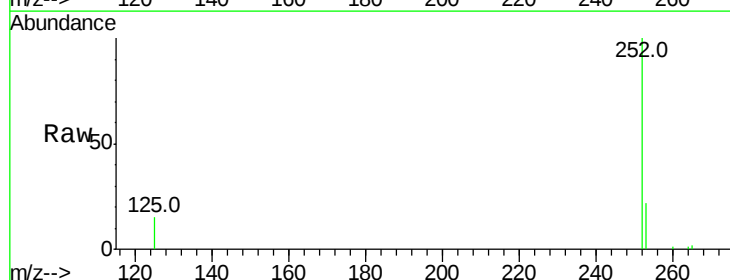
Tgt Ion:252 Resp: 11936

Ion Ratio Lower Upper

252 100

253 22.1 19.0 28.6

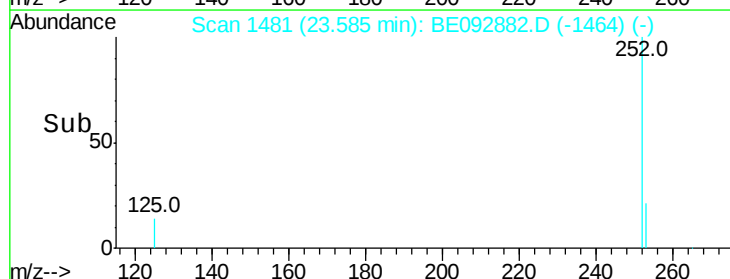
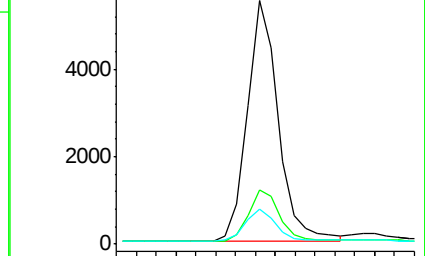
125 14.6 11.8 17.8

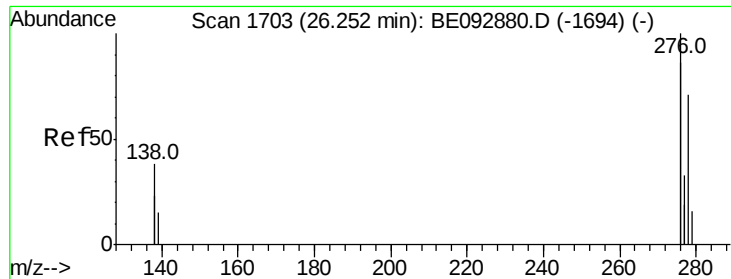


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

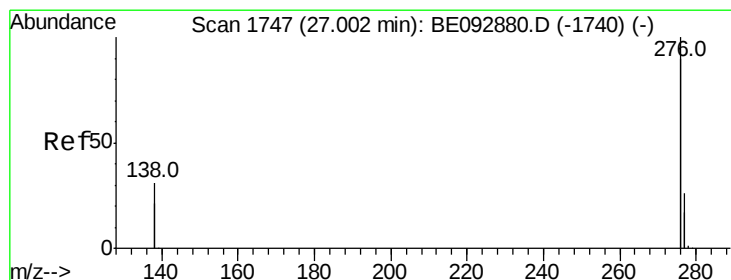
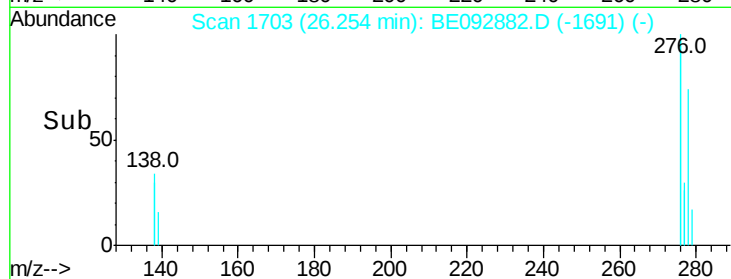
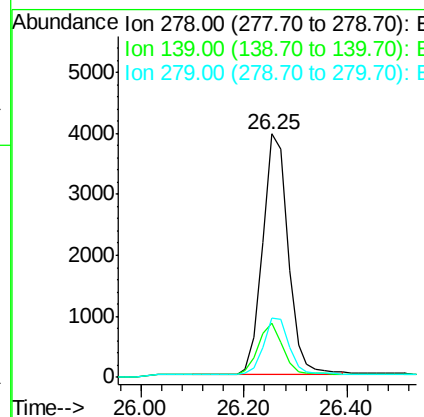
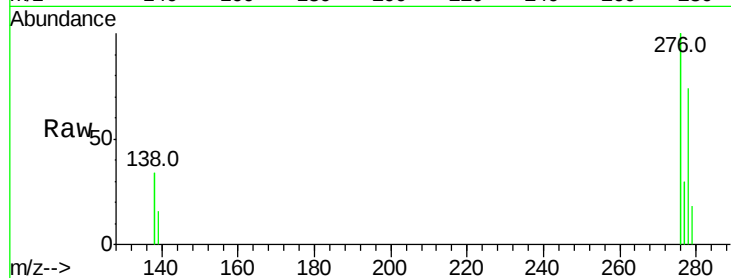




#35
Dibenzo(a,h)anthracene
Concen: 1.51 ng
RT: 26.25 min Scan# 1703
Delta R.T. 0.00 min
Lab File: BE092882.D
Acq: 4 Apr 2017 13:32

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tot Ion:278 Resp: 13454
Ion Ratio Lower Upper
278 100
139 22.1 13.8 20.8#
279 24.1 21.4 32.2



#36
Benzo(g,h,i)perylene
Concen: 1.47 ng
RT: 27.00 min Scan# 1747
Delta R.T. 0.00 min
Lab File: BE092882.D
Acq: 4 Apr 2017 13:32

Tgt Ion:276 Resp: 54264
Ion Ratio Lower Upper
276 100
277 24.0 19.8 29.8
138 27.2 19.8 29.6

