

Data Path : Z:\HPCHEM1\BNA E\DATA\BE040717\
 Data File : BE092896.D
 Acq On : 7 Apr 2017 15:46
 Operator : SJ/MA
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Apr 08 01:08:11 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 16:35:54 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	8515	5.00	ng	-0.02
7) Naphthalene-d8	10.54	136	36186	5.00	ng	0.00
12) Acenaphthene-d10	14.40	164	17563	5.00	ng	0.00
18) Phenanthrene-d10	17.13	188	42498	5.00	ng	-0.02
24) Chrysene-d12	21.28	240	47990	5.00	ng	-0.02
31) Perylene-d12	23.70	264	40424	5.00	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.35	112	632	0.37	ng	0.00
5) Phenol-d6	6.94	99	891	0.36	ng	0.00
8) Nitrobenzene-d5	8.90	82	813	0.39	ng	-0.02
13) 2,4,6-Tribromophenol	15.88	330	78	0.35	ng	0.00
14) 2-Fluorobiphenyl	13.02	172	2353	0.40	ng	-0.01
26) Terphenyl-d14	19.74	244	2830	0.38	ng	-0.02

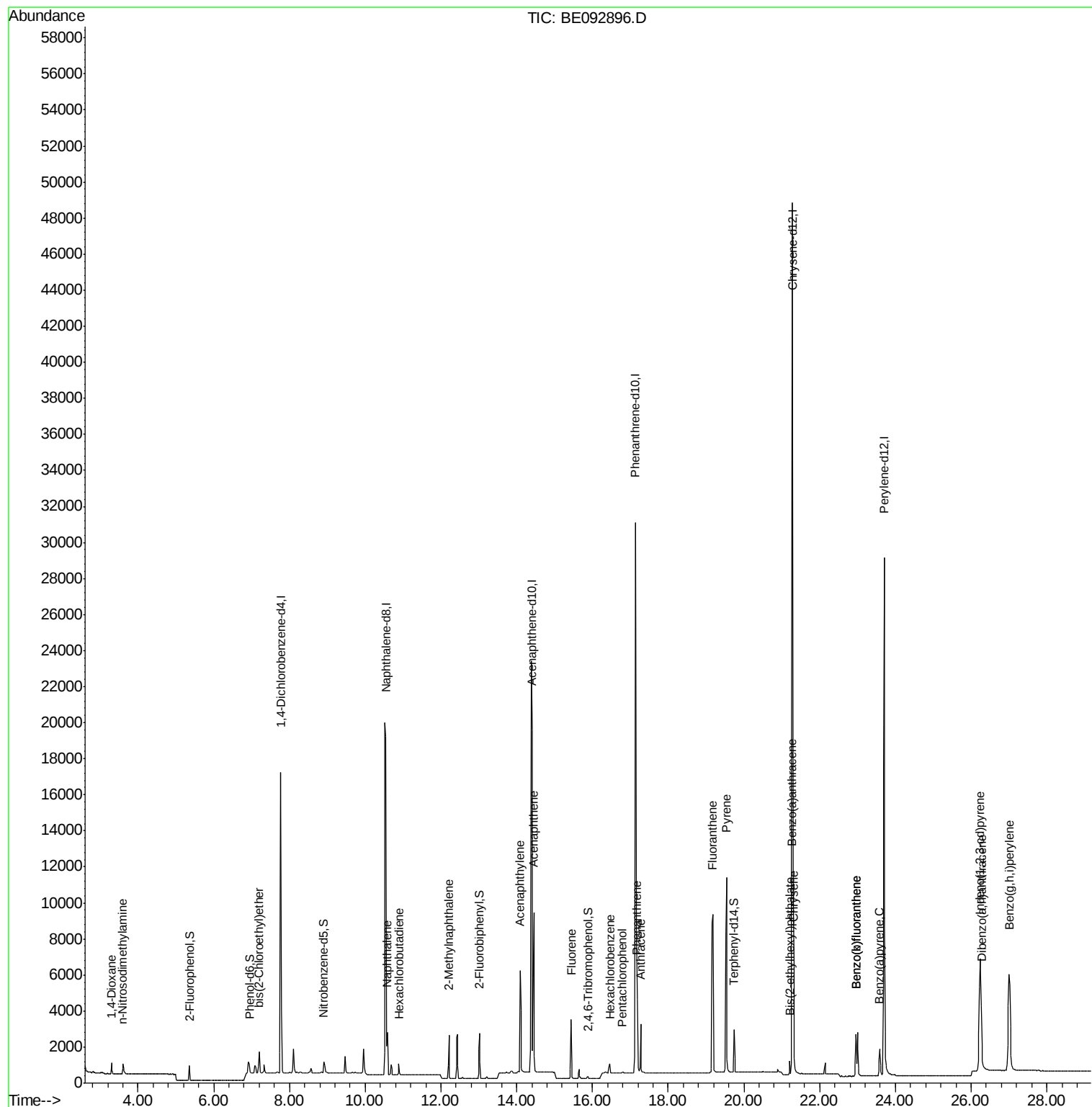
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.31	88	440	0.39	ng	95
3) n-Nitrosodimethylamine	3.60	42	436	0.38	ng	# 86
6) bis(2-Chloroethyl)ether	7.20	93	1037	0.38	ng	# 50
9) Naphthalene	10.58	128	3202	0.40	ng	99
10) Hexachlorobutadiene	10.89	225	432	0.40	ng	98
11) 2-Methylnaphthalene	12.21	142	1927	0.39	ng	# 88
15) Acenaphthylene	14.09	152	8937	0.36	ng	100
16) Acenaphthene	14.45	154	2006	0.39	ng	99
17) Fluorene	15.44	166	2136	0.38	ng	99
19) Hexachlorobenzene	16.46	284	626	0.39	ng	# 63
20) Pentachlorophenol	16.79	266	104	0.40	ng	# 91
21) Phenanthrene	17.18	178	4459	0.39	ng	95
22) Anthracene	17.27	178	3316	0.36	ng	99
23) Fluoranthene	19.18	202	14738	0.35	ng	98
25) Pyrene	19.54	202	16204	0.38	ng	99
27) Benzo(a)anthracene	21.26	228	3586	0.35	ng	# 94
28) Chrysene	21.31	228	4919	0.41	ng	# 76
29) Bis(2-ethylhexyl)phthalate	21.21	149	781	0.40	ng	# 73
30) Indeno(1,2,3-cd)pyrene	26.24	276	13891	0.35	ng	# 93
32) Benzo(b)fluoranthene	22.96	252	3573	0.36	ng	97
33) Benzo(k)fluoranthene	22.96	252	3573	0.40	ng	98
34) Benzo(a)pyrene	23.58	252	2573	0.33	ng	# 95
35) Dibenzo(a,h)anthracene	26.27	278	3064	0.34	ng	96
36) Benzo(g,h,i)perylene	27.00	276	13111	0.36	ng	# 91

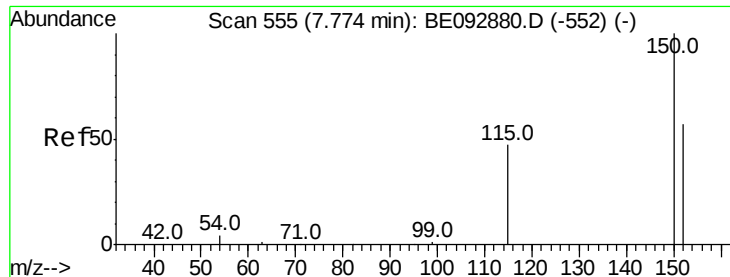
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.77 min Scan# 555

Delta R.T. -0.02 min

Lab File: BE092896.D

Acq: 7 Apr 2017 15:46

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

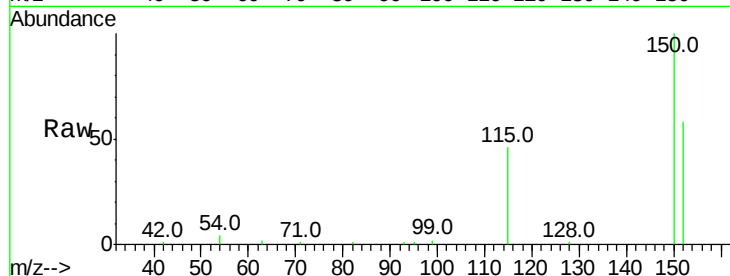
Tot Ion:152 Resp: 8515

Ion Ratio Lower Upper

152 100

150 171.4 106.0 159.0#

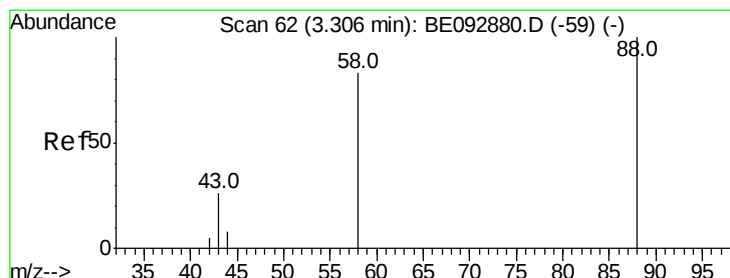
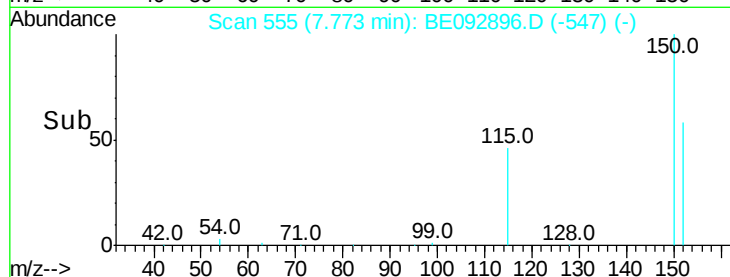
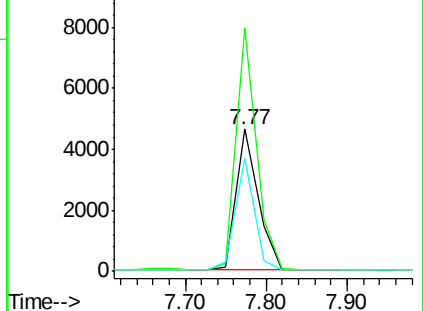
115 79.2 31.2 46.8#



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: 0.39 ng

RT: 3.31 min Scan# 62

Delta R.T. -0.01 min

Lab File: BE092896.D

Acq: 7 Apr 2017 15:46

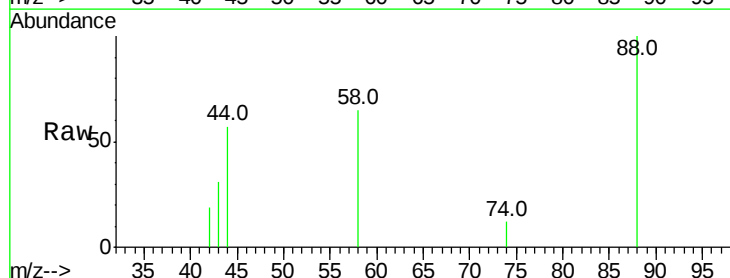
Tgt Ion: 88 Resp: 440

Ion Ratio Lower Upper

88 100

58 77.0 63.6 95.4

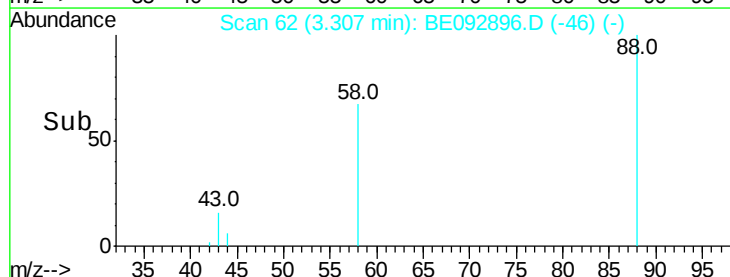
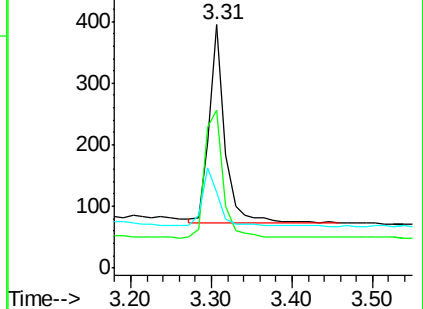
43 28.6 28.0 42.0

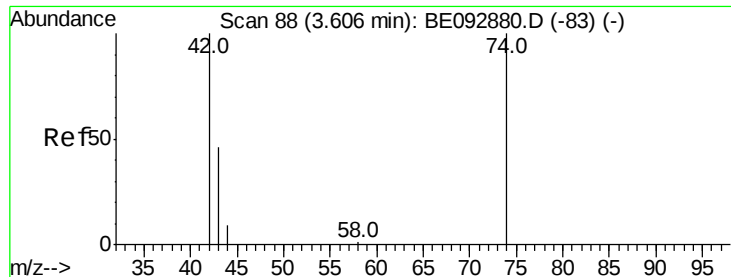


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.38 ng

RT: 3.60 min Scan# 87

Delta R.T. -0.01 min

Lab File: BE092896.D

Acq: 7 Apr 2017 15:46

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

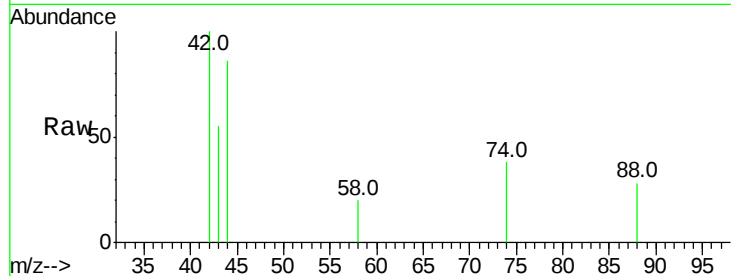
Tot Ion: 42 Resp: 436

Ion Ratio Lower Upper

42 100

74 122.5 86.0 129.0

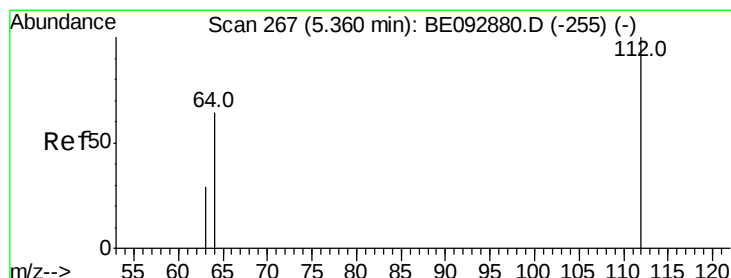
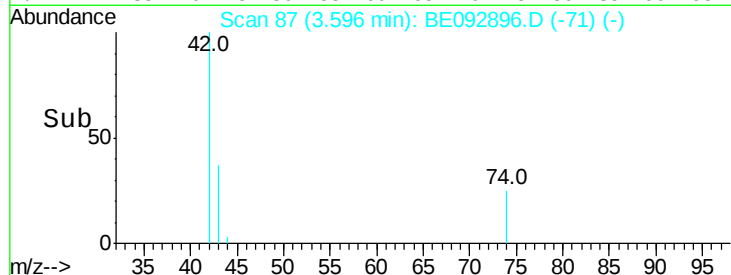
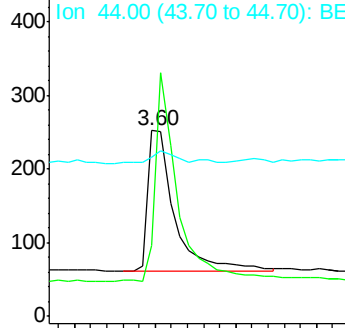
44 8.3 5.1 7.7#



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: 0.37 ng

RT: 5.35 min Scan# 266

Delta R.T. -0.01 min

Lab File: BE092896.D

Acq: 7 Apr 2017 15:46

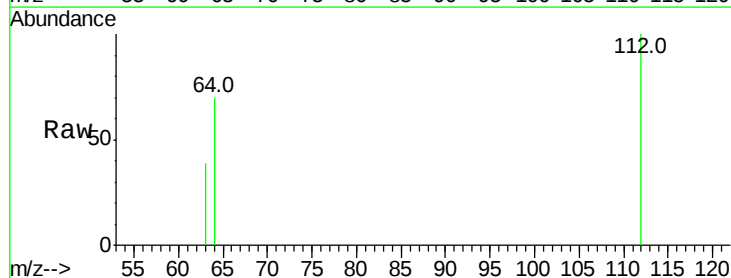
Tgt Ion: 112 Resp: 632

Ion Ratio Lower Upper

112 100

64 69.5 53.5 80.3

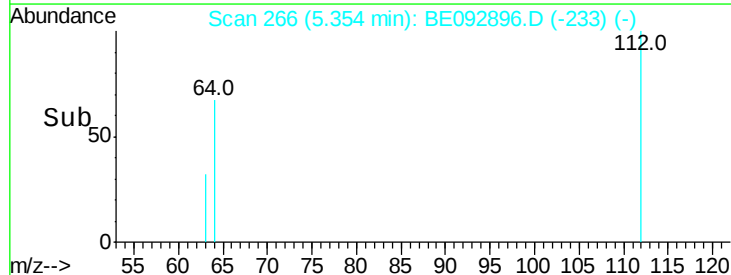
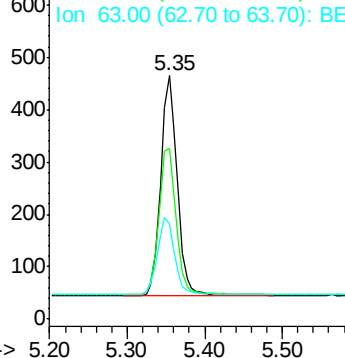
63 35.4 27.9 41.9

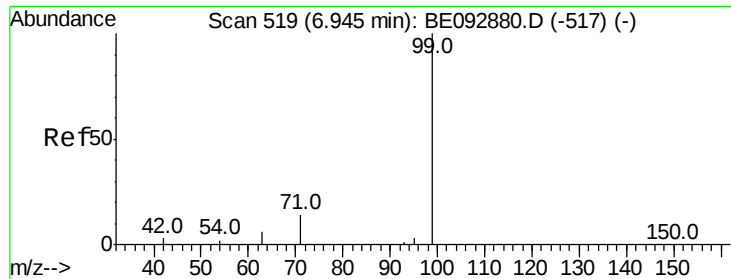


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.36 ng

RT: 6.94 min Scan# 519

Delta R.T. -0.00 min

Lab File: BE092896.D

Acq: 7 Apr 2017 15:46

Instrument :

BNA_E

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SSTDCCC0.4EC

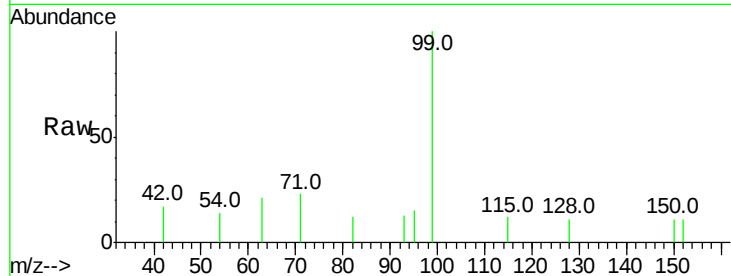
Tot Ion: 99 Resp: 891

Ion Ratio Lower Upper

99 100

42 0.0 16.0 24.0#

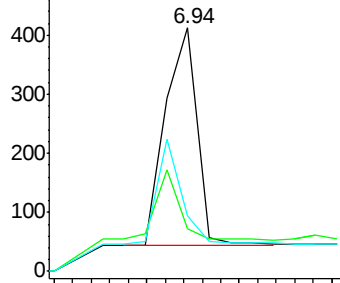
71 0.0 30.6 45.8#



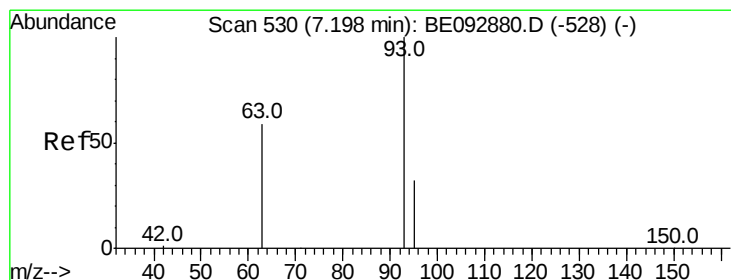
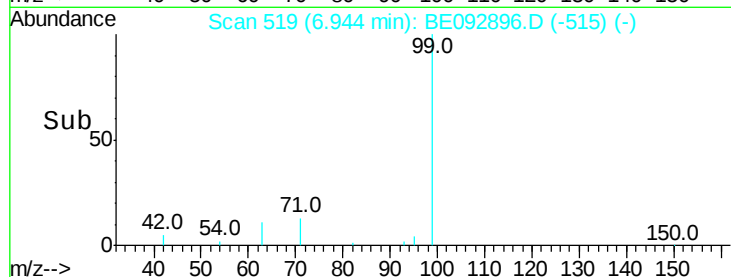
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.38 ng

RT: 7.20 min Scan# 530

Delta R.T. -0.00 min

Lab File: BE092896.D

Acq: 7 Apr 2017 15:46

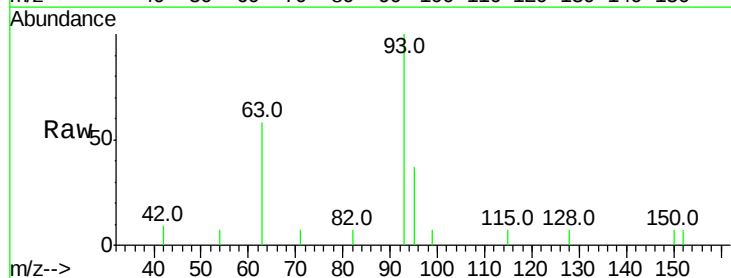
Tgt Ion: 93 Resp: 1037

Ion Ratio Lower Upper

93 100

63 75.4 16.0 24.0#

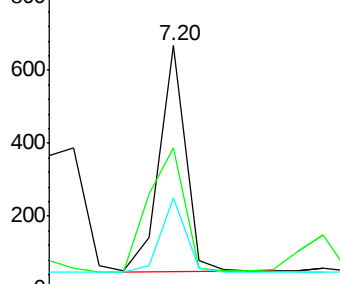
95 31.6 24.0 36.0



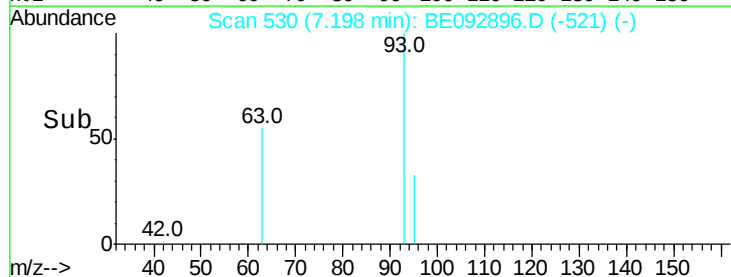
Abundance Ion 93.00 (92.70 to 93.70): BE0

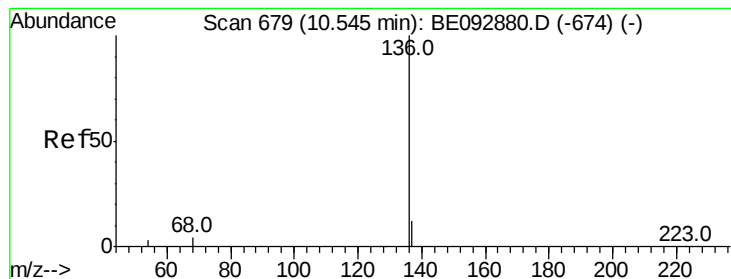
Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0



Time-->





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.54 min Scan# 679

Delta R.T. -0.00 min

Lab File: BE092896.D

Acq: 7 Apr 2017 15:46

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:136 Resp: 36186

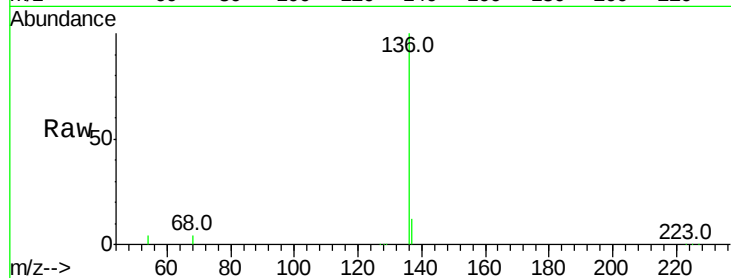
Ion Ratio Lower Upper

136 100

137 12.4 8.2 12.4#

54 3.6 9.6 14.4#

68 3.8 6.7 10.1#

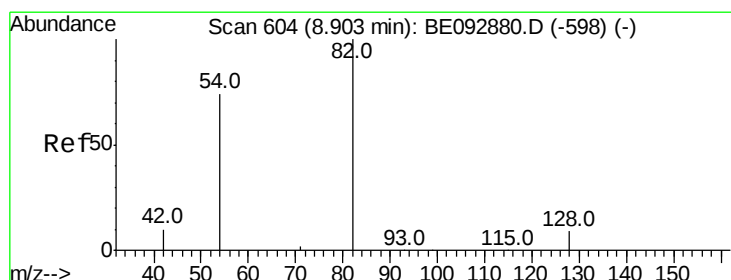
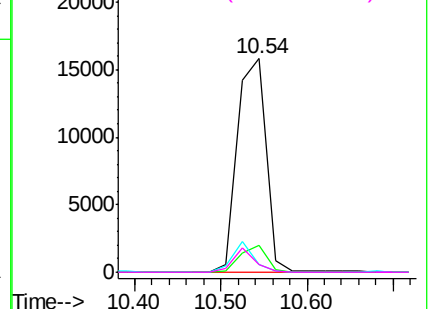
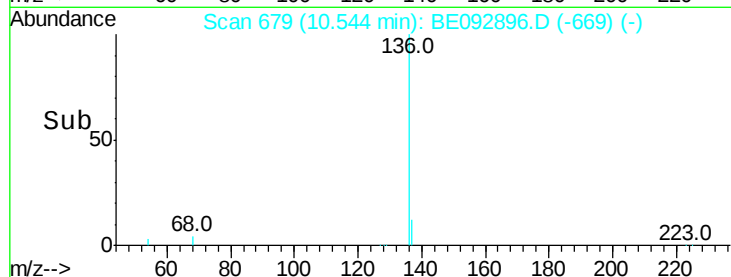


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.39 ng

RT: 8.90 min Scan# 604

Delta R.T. -0.02 min

Lab File: BE092896.D

Acq: 7 Apr 2017 15:46

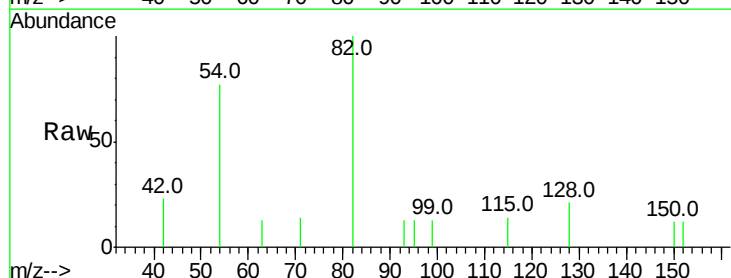
Tgt Ion: 82 Resp: 813

Ion Ratio Lower Upper

82 100

128 21.0 39.0 58.4#

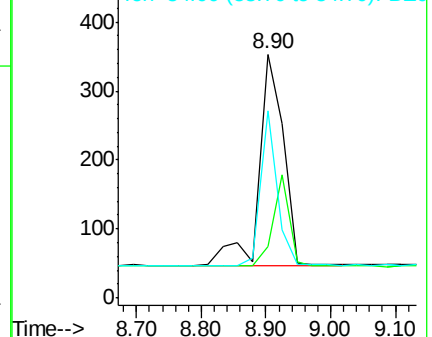
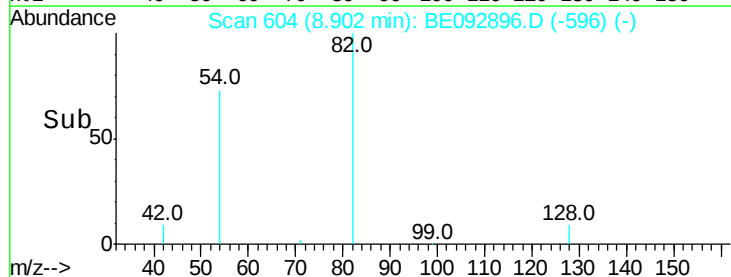
54 76.8 44.8 67.2#

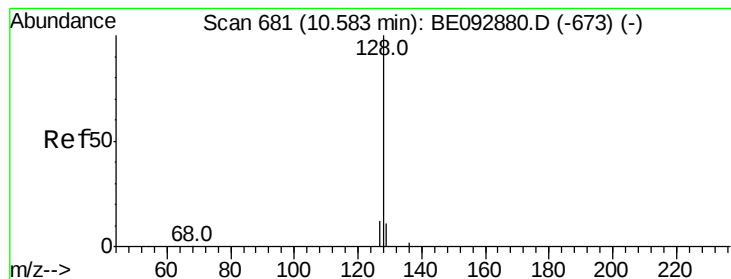


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.40 ng

RT: 10.58 min Scan# 681

Delta R.T. -0.00 min

Lab File: BE092896.D

Acq: 7 Apr 2017 15:46

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

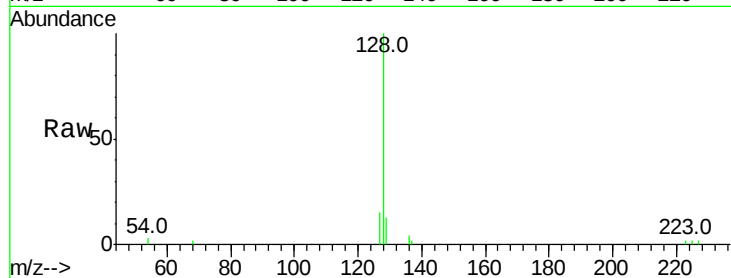
Tot Ion:128 Resp: 3202

Ion Ratio Lower Upper

128 100

129 13.1 11.2 16.8

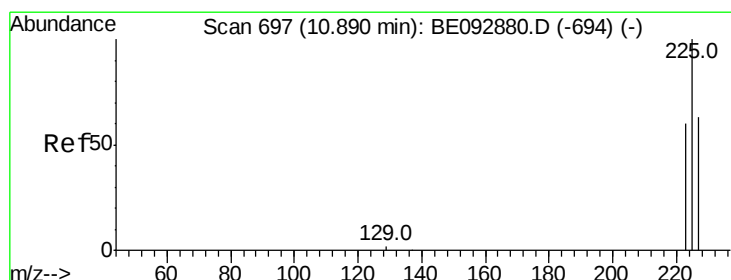
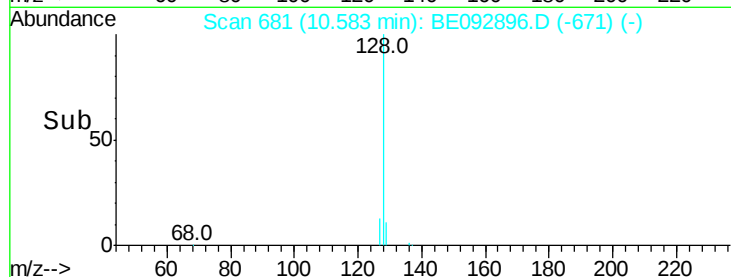
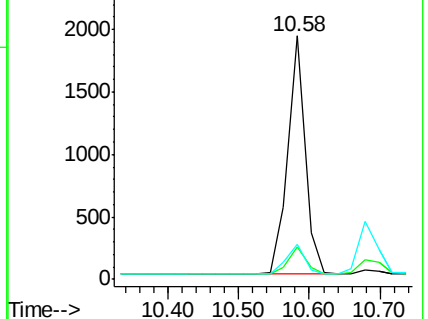
127 14.6 11.6 17.4



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: 0.40 ng

RT: 10.89 min Scan# 697

Delta R.T. -0.00 min

Lab File: BE092896.D

Acq: 7 Apr 2017 15:46

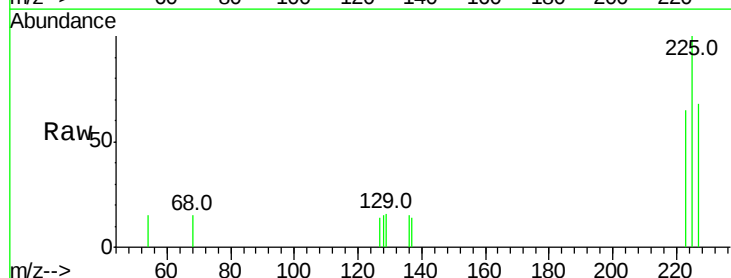
Tgt Ion:225 Resp: 432

Ion Ratio Lower Upper

225 100

223 62.5 50.6 76.0

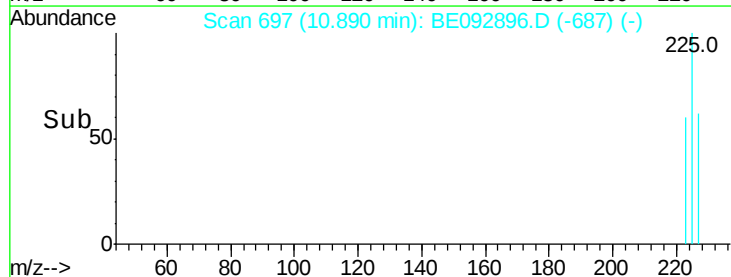
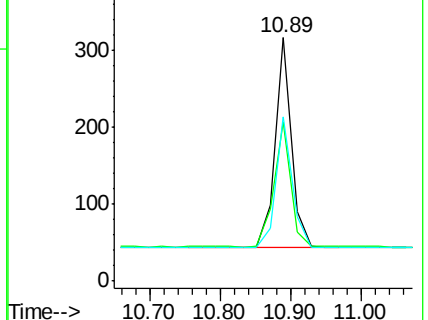
227 62.3 51.4 77.0

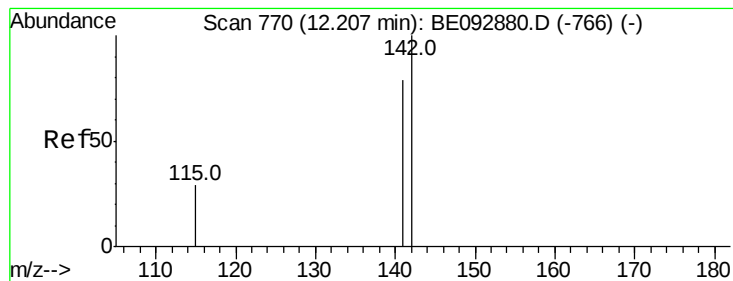


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene

Concen: 0.39 ng

RT: 12.21 min Scan# 770

Delta R.T. -0.00 min

Lab File: BE092896.D

Acq: 7 Apr 2017 15:46

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

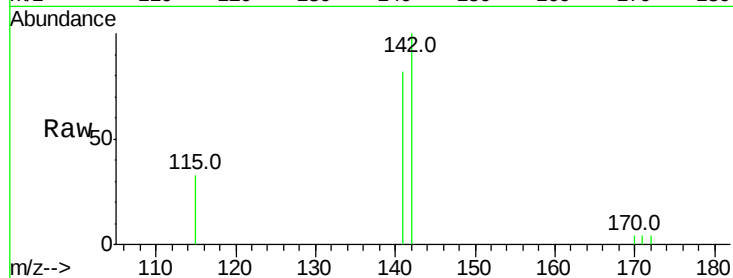
Tot Ion:142 Resp: 1927

Ion Ratio Lower Upper

142 100

141 81.7 73.7 110.5

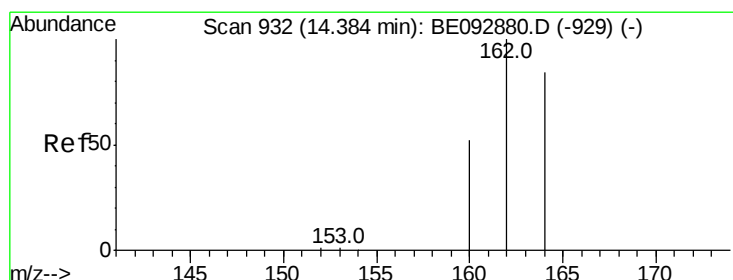
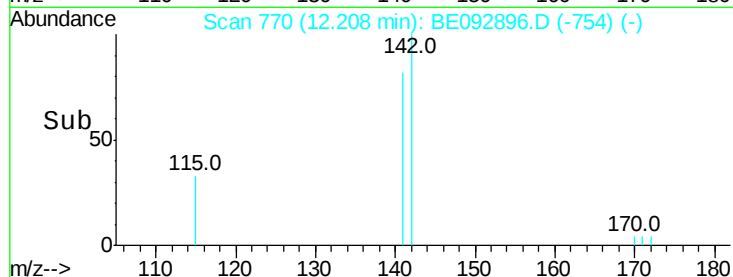
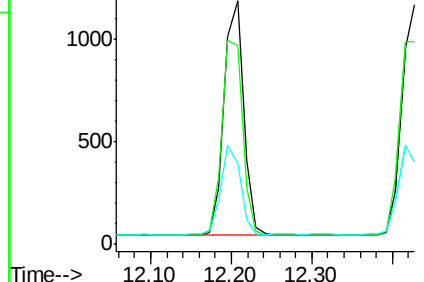
115 33.1 34.0 51.0#



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: 14.40 min Scan# 933

Delta R.T. -0.00 min

Lab File: BE092896.D

Acq: 7 Apr 2017 15:46

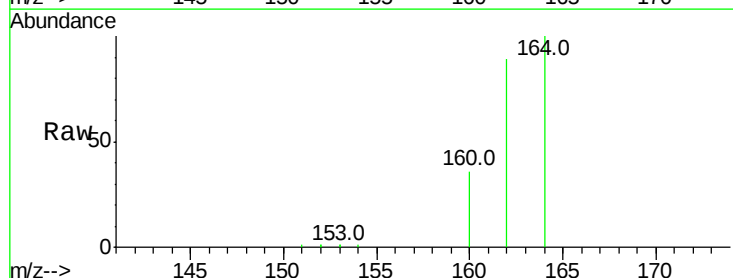
Tgt Ion:164 Resp: 17563

Ion Ratio Lower Upper

164 100

162 88.9 71.4 107.0

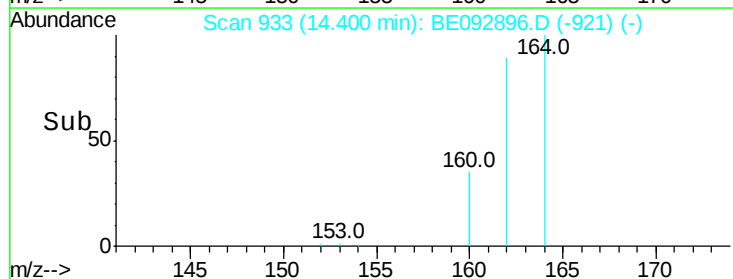
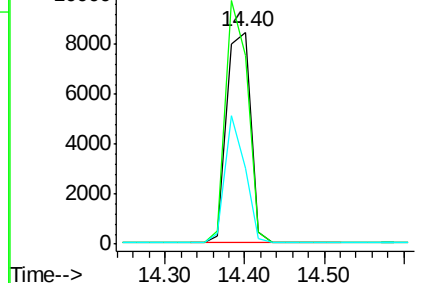
160 35.8 27.4 41.2

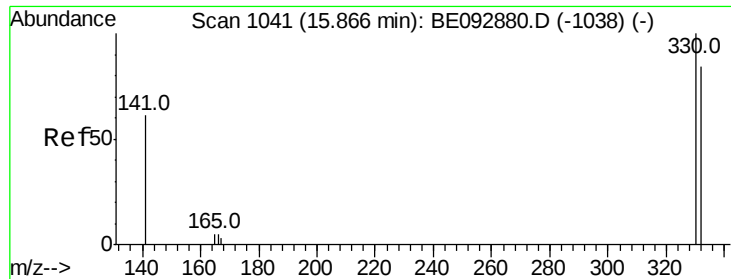


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

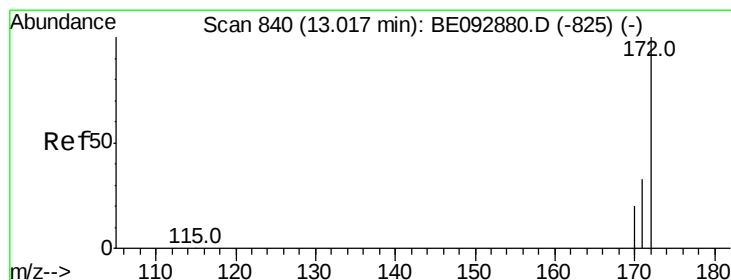
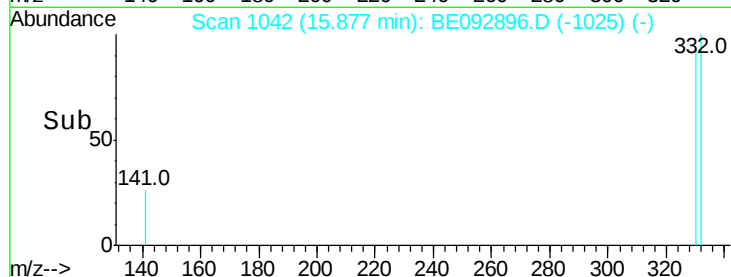
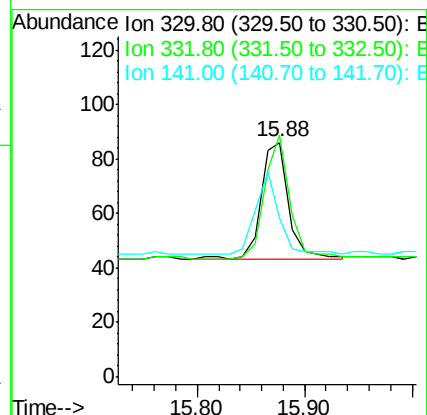
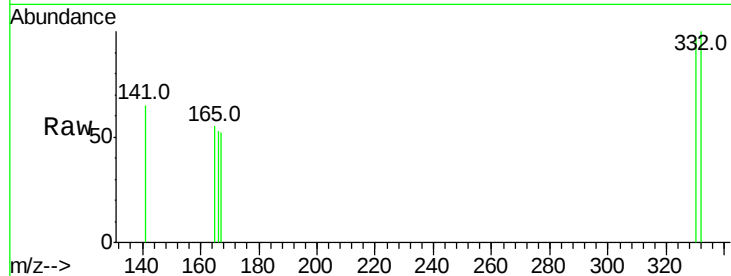




#13
 2,4,6-Tribromophenol
 Concen: 0.35 ng
 RT: 15.88 min Scan# 1042
 Delta R.T. -0.00 min
 Lab File: BE092896.D
 Acq: 7 Apr 2017 15:46

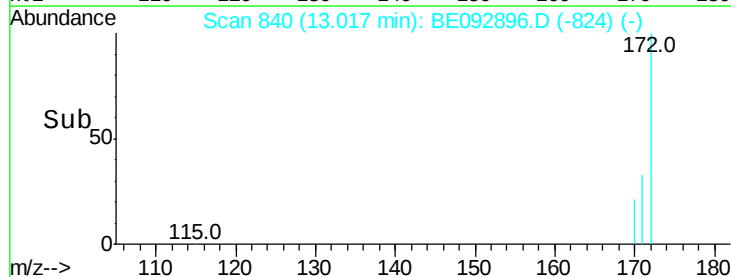
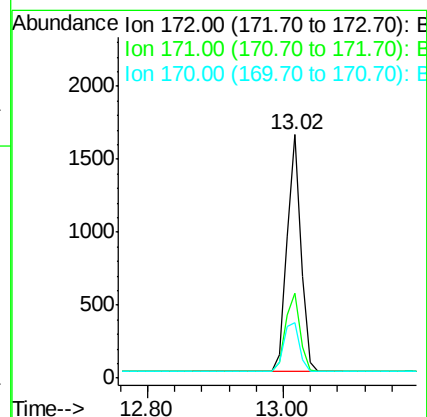
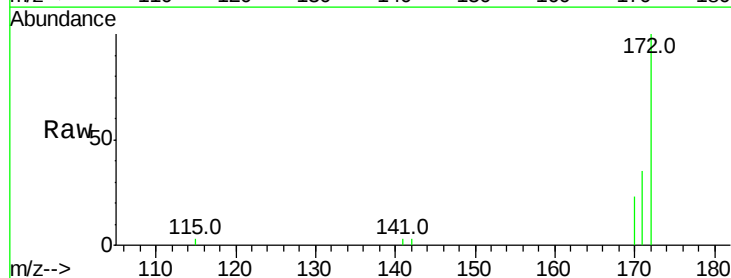
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

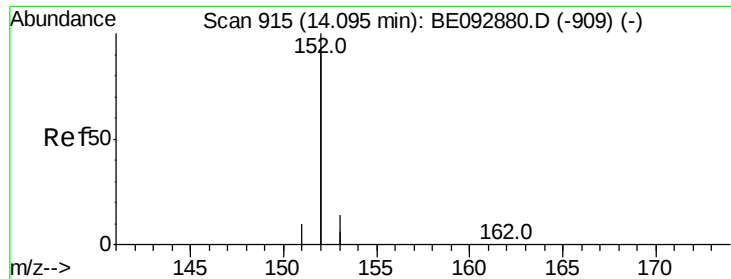
Tot Ion:330 Resp: 78
 Ion Ratio Lower Upper
 330 100
 332 98.7 75.4 113.0
 141 59.0 31.0 46.6#



#14
 2-Fluorobiphenyl
 Concen: 0.40 ng
 RT: 13.02 min Scan# 840
 Delta R.T. -0.01 min
 Lab File: BE092896.D
 Acq: 7 Apr 2017 15:46

Tgt Ion:172 Resp: 2353
 Ion Ratio Lower Upper
 172 100
 171 34.6 30.1 45.1
 170 22.8 21.8 32.6





#15

Acenaphthylene

Concen: 0.36 ng

RT: 14.09 min Scan# 915

Delta R.T. -0.02 min

Lab File: BE092896.D

Acq: 7 Apr 2017 15:46

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

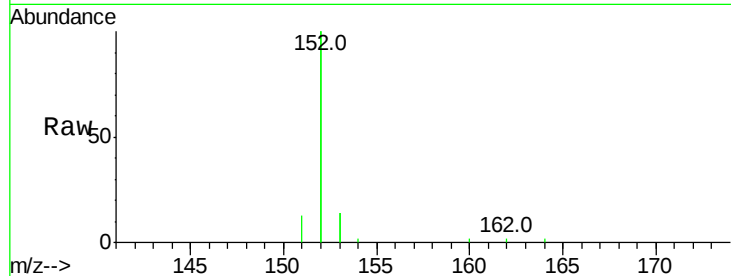
Tot Ion:152 Resp: 8937

Ion Ratio Lower Upper

152 100

151 5.1 3.9 5.9

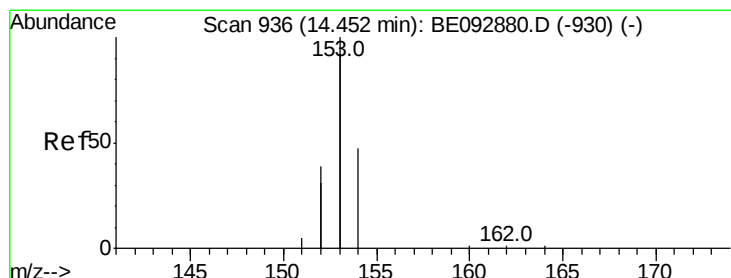
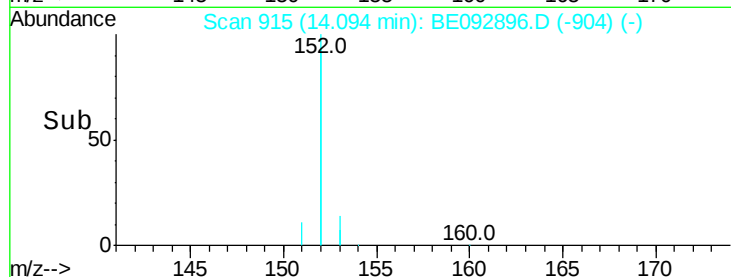
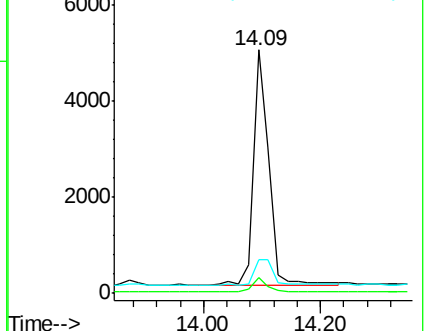
153 13.2 10.4 15.6



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: 0.39 ng

RT: 14.45 min Scan# 936

Delta R.T. 0.00 min

Lab File: BE092896.D

Acq: 7 Apr 2017 15:46

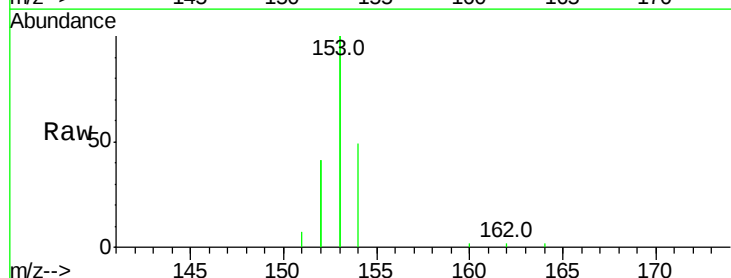
Tgt Ion:154 Resp: 2006

Ion Ratio Lower Upper

154 100

153 435.6 350.8 526.2

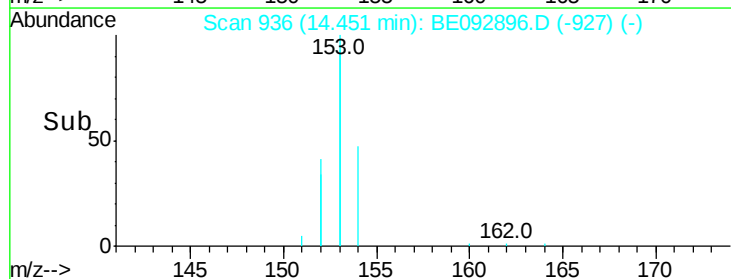
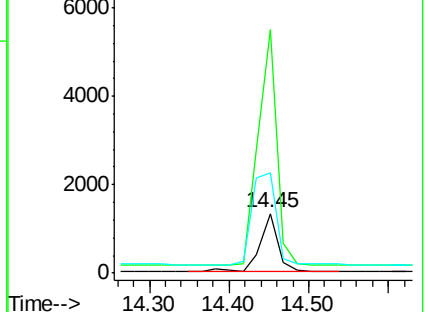
152 216.2 171.1 256.7

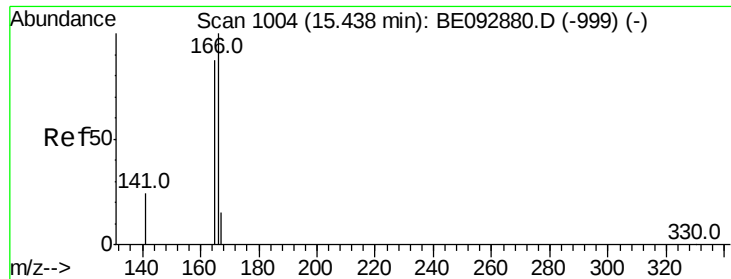


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

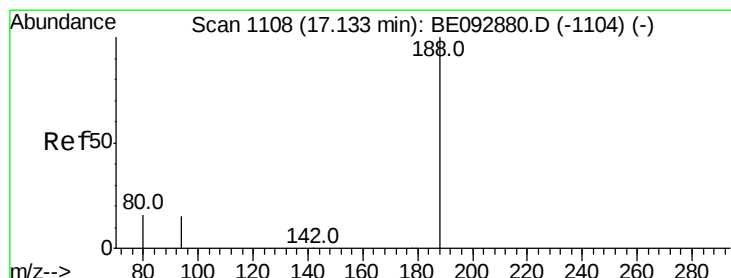
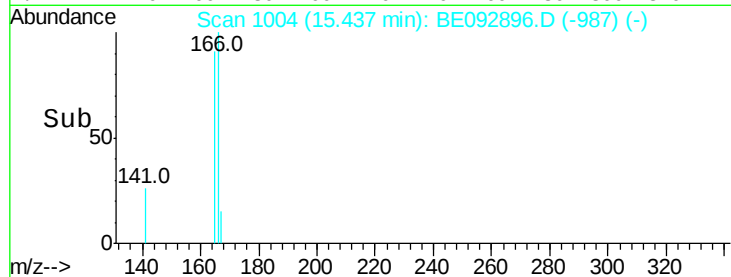
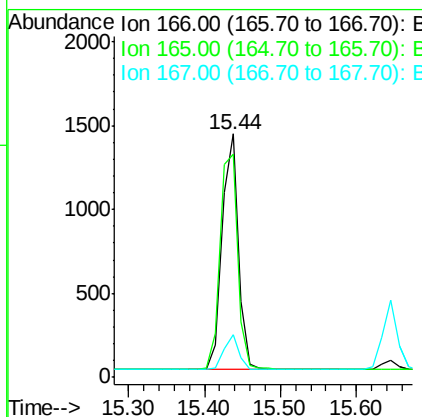
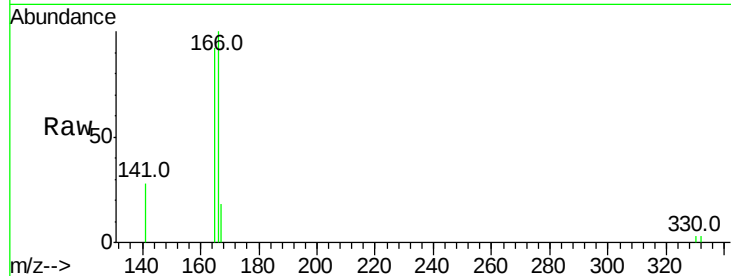




#17
Fluorene
Concen: 0.38 ng
RT: 15.44 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BE092896.D
Acq: 7 Apr 2017 15:46

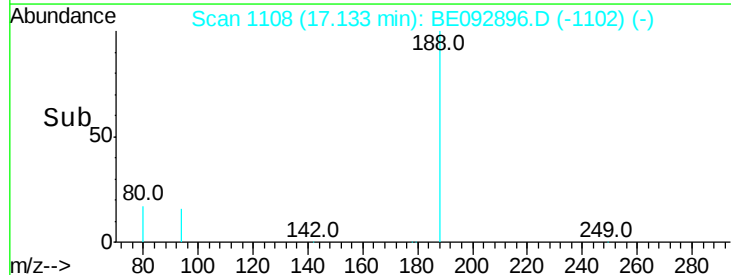
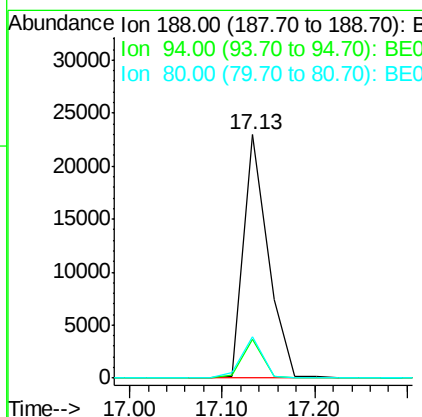
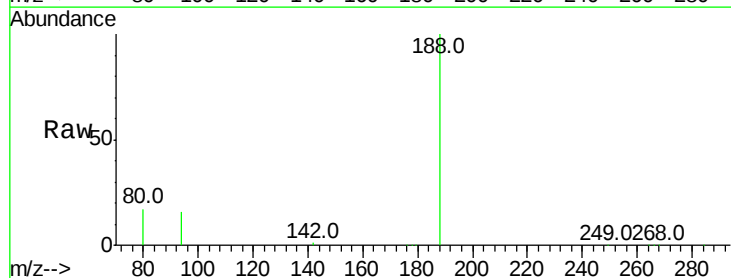
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

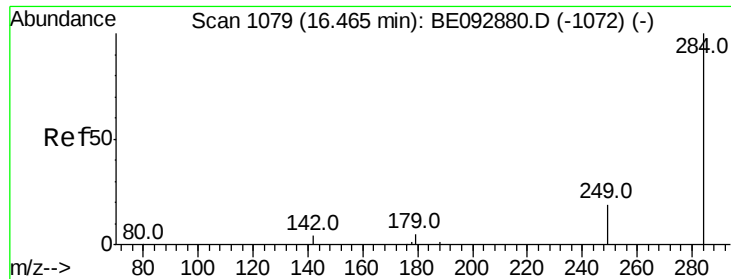
Tot Ion:166 Resp: 2136
Ion Ratio Lower Upper
166 100
165 99.1 78.2 117.4
167 14.3 11.0 16.4



#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.13 min Scan# 1108
Delta R.T. -0.02 min
Lab File: BE092896.D
Acq: 7 Apr 2017 15:46

Tgt Ion:188 Resp: 42498
Ion Ratio Lower Upper
188 100
94 16.0 3.2 4.8#
80 17.2 2.6 3.8#

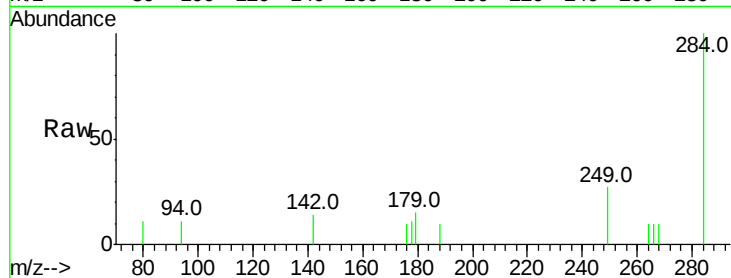




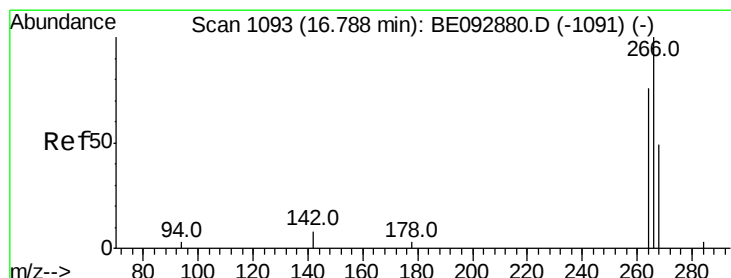
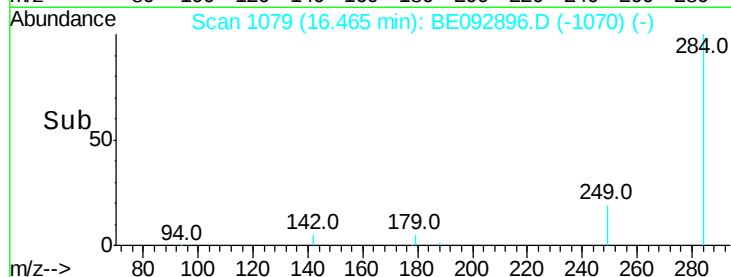
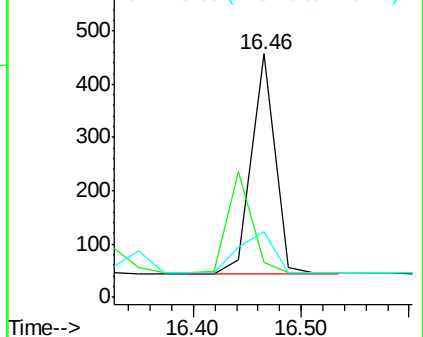
#19
Hexachlorobenzene
Concen: 0.39 ng
RT: 16.46 min Scan# 1079
Delta R.T. -0.00 min
Lab File: BE092896.D
Acq: 7 Apr 2017 15:46

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:284 Resp: 626
Ion Ratio Lower Upper
284 100
142 0.0 29.1 43.7#
249 28.1 27.9 41.9

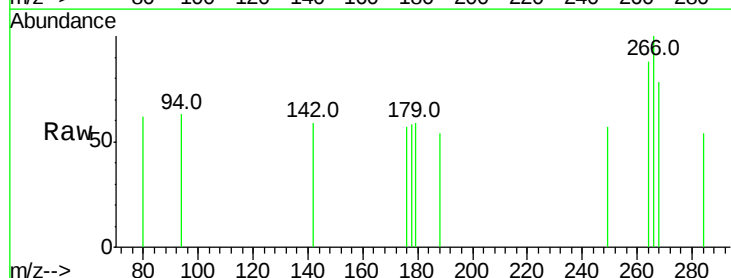


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

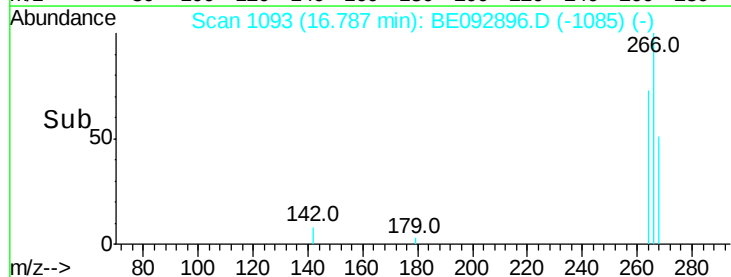
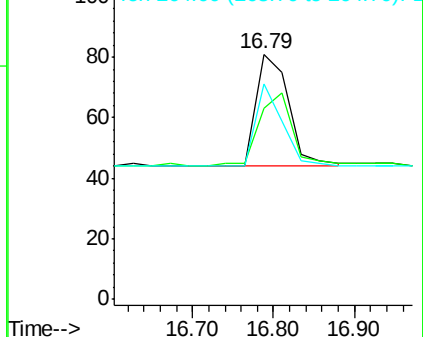


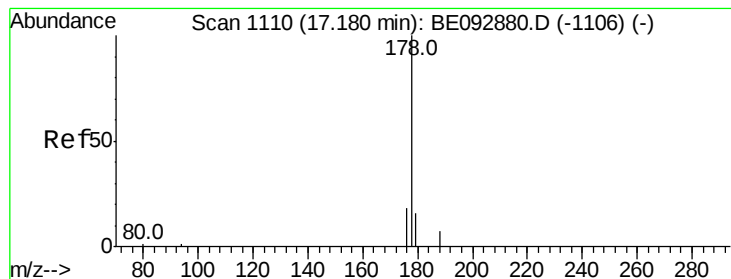
#20
Pentachlorophenol
Concen: 0.40 ng
RT: 16.79 min Scan# 1093
Delta R.T. -0.02 min
Lab File: BE092896.D
Acq: 7 Apr 2017 15:46

Tgt Ion:266 Resp: 104
Ion Ratio Lower Upper
266 100
268 77.8 62.5 93.7
264 87.7 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: 0.39 ng

RT: 17.18 min Scan# 1110

Delta R.T. -0.00 min

Lab File: BE092896.D

Acq: 7 Apr 2017 15:46

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

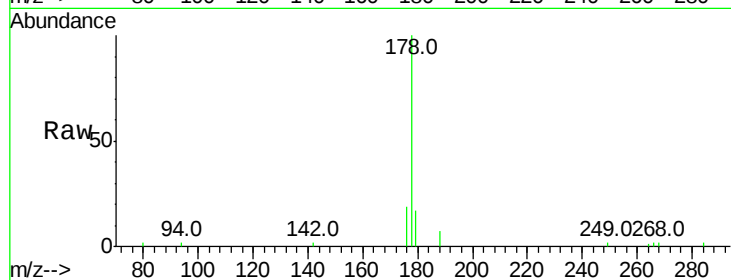
Tot Ion:178 Resp: 4459

Ion Ratio Lower Upper

178 100

176 18.7 15.8 23.8

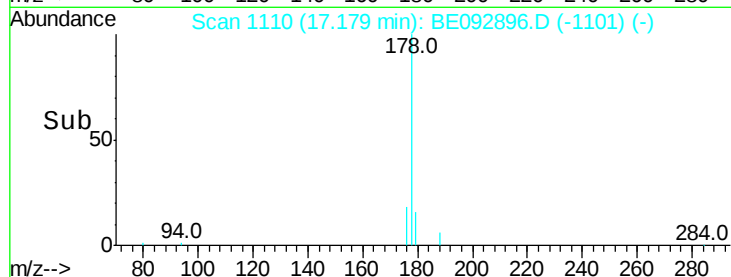
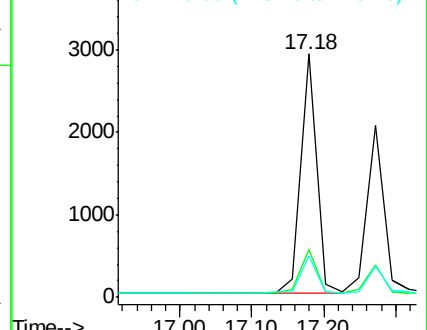
179 16.4 16.0 24.0



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: 0.36 ng

RT: 17.27 min Scan# 1114

Delta R.T. -0.00 min

Lab File: BE092896.D

Acq: 7 Apr 2017 15:46

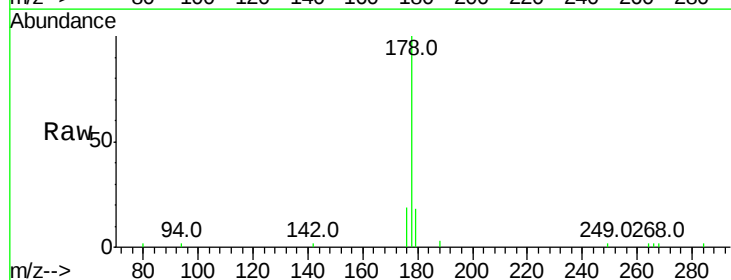
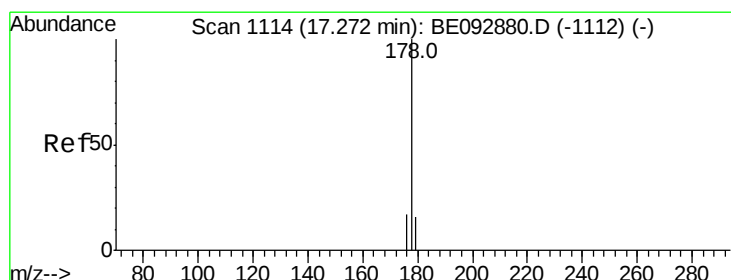
Tgt Ion:178 Resp: 3316

Ion Ratio Lower Upper

178 100

176 18.0 15.0 22.4

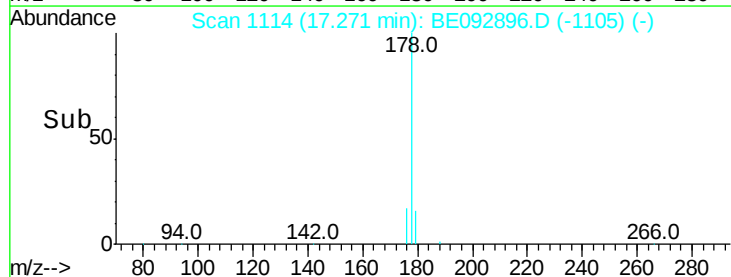
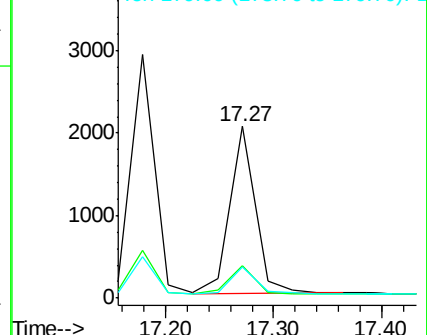
179 15.7 12.2 18.2

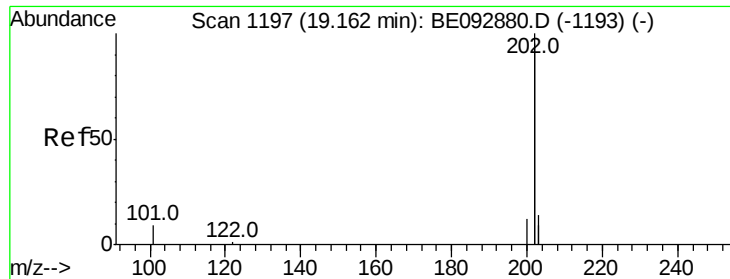


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

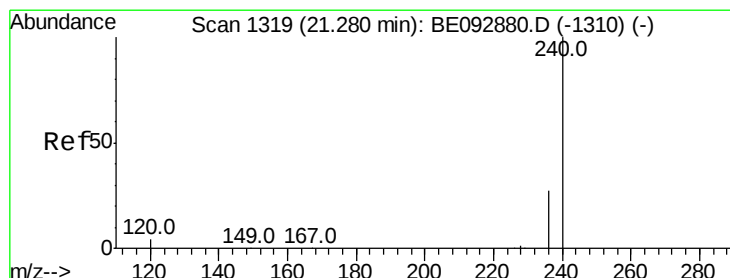
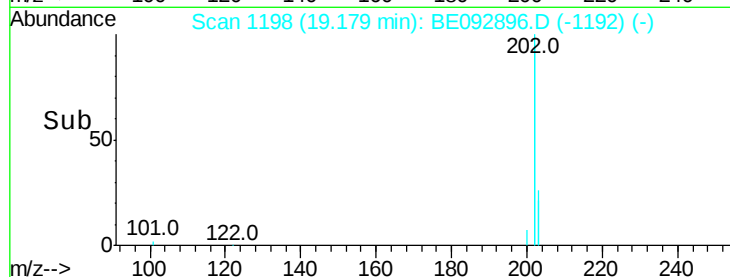
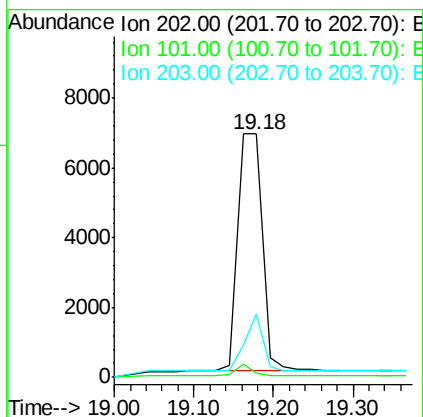
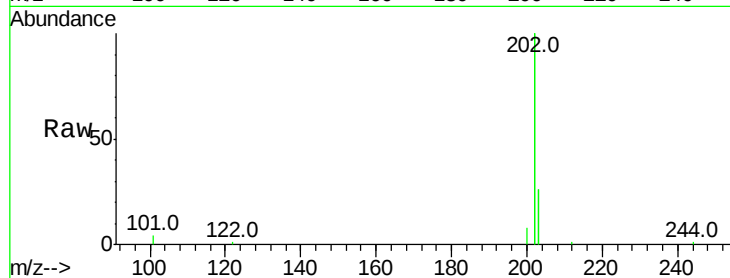




#23
 Fluoranthene
 Concen: 0.35 ng
 RT: 19.18 min Scan# 1198
 Delta R.T. 0.00 min
 Lab File: BE092896.D
 Acq: 7 Apr 2017 15:46

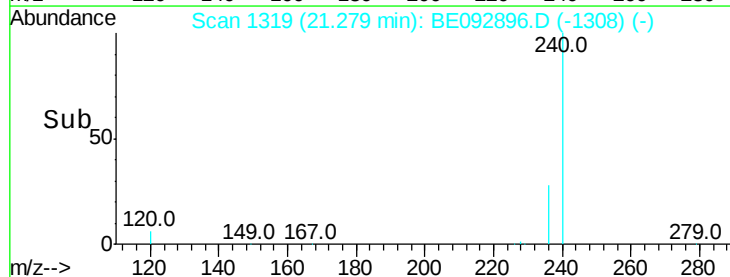
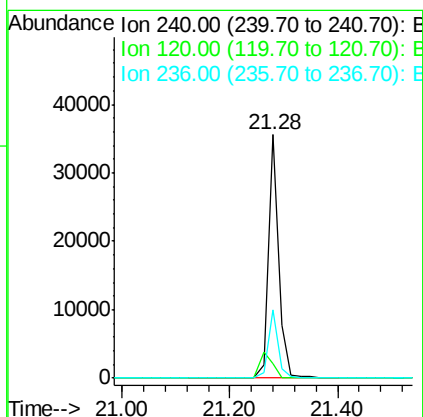
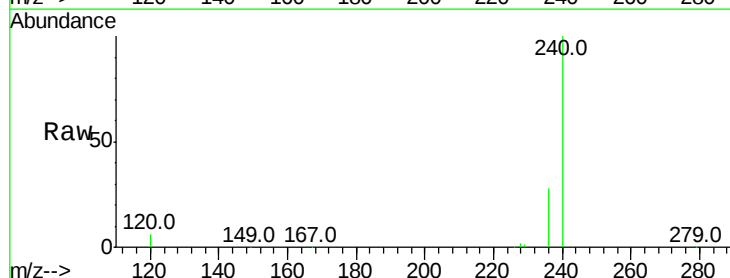
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

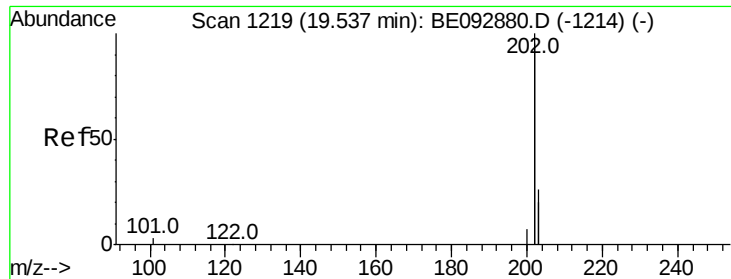
Tot Ion:202 Resp: 14738
 Ion Ratio Lower Upper
 202 100
 101 3.3 2.2 3.4
 203 17.8 13.7 20.5



#24
 Chrysene-d12
 Concen: 5.00 ng
 RT: 21.28 min Scan# 1319
 Delta R.T. -0.02 min
 Lab File: BE092896.D
 Acq: 7 Apr 2017 15:46

Tgt Ion:240 Resp: 47990
 Ion Ratio Lower Upper
 240 100
 120 6.1 2.6 4.0#
 236 28.1 24.6 37.0





#25

Pvrene

Concen: 0.38 ng

RT: 19.54 min Scan# 1219

Delta R.T. -0.00 min

Lab File: BE092896.D

Acq: 7 Apr 2017 15:46

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

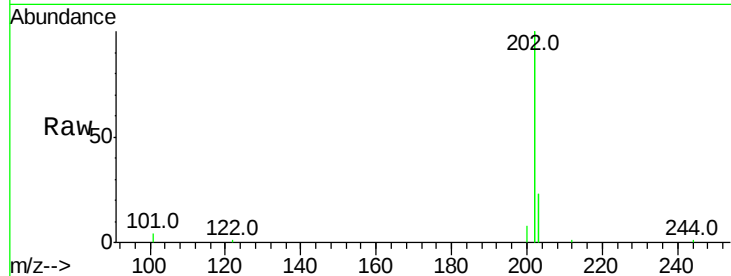
Tot Ion:202 Resp: 16204

Ion Ratio Lower Upper

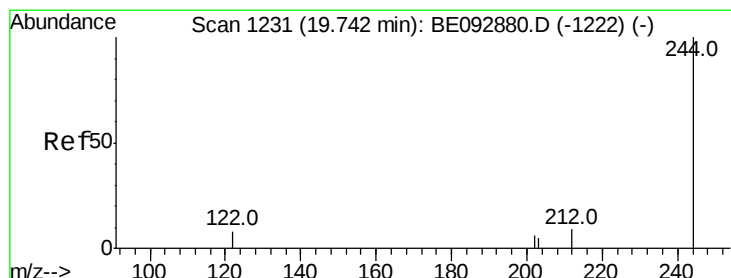
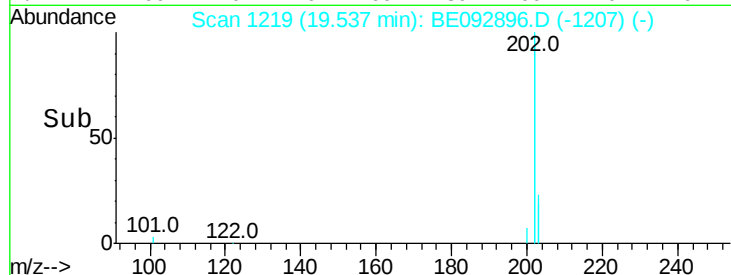
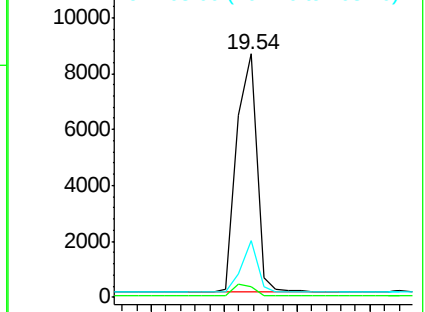
202 100

200 5.1 4.2 6.4

203 17.7 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: 0.38 ng

RT: 19.74 min Scan# 1231

Delta R.T. -0.02 min

Lab File: BE092896.D

Acq: 7 Apr 2017 15:46

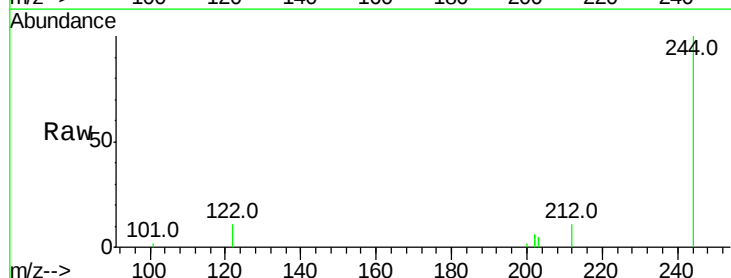
Tgt Ion:244 Resp: 2830

Ion Ratio Lower Upper

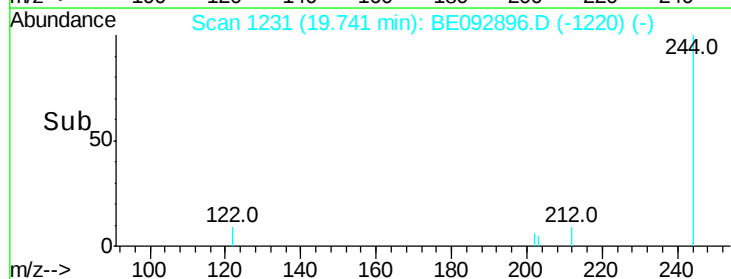
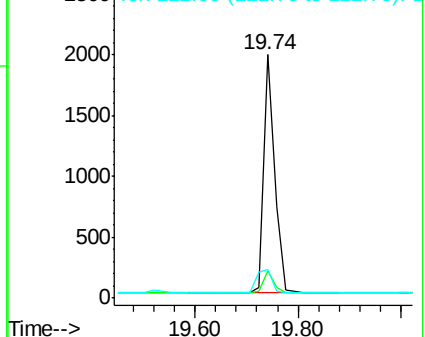
244 100

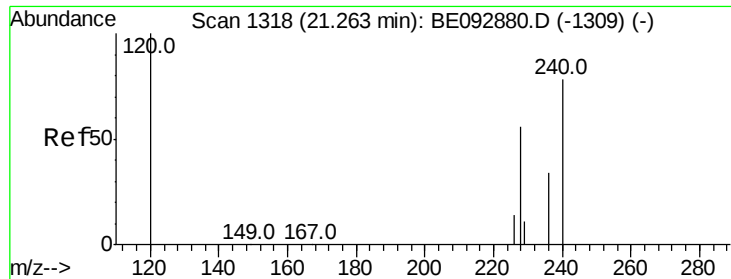
212 11.0 6.7 10.1#

122 11.5 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: 0.35 ng

RT: 21.26 min Scan# 1318

Delta R.T. -0.00 min

Lab File: BE092896.D

Acq: 7 Apr 2017 15:46

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

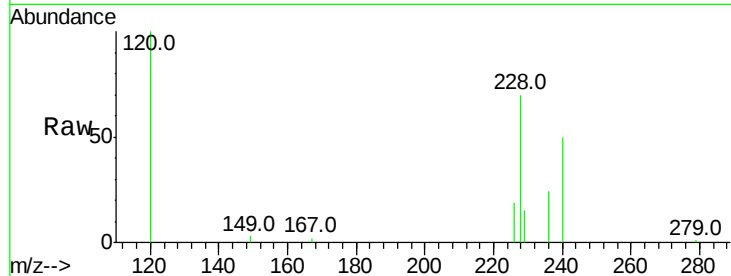
Tot Ion:228 Resp: 3586

Ion Ratio Lower Upper

228 100

226 27.0 23.6 35.4

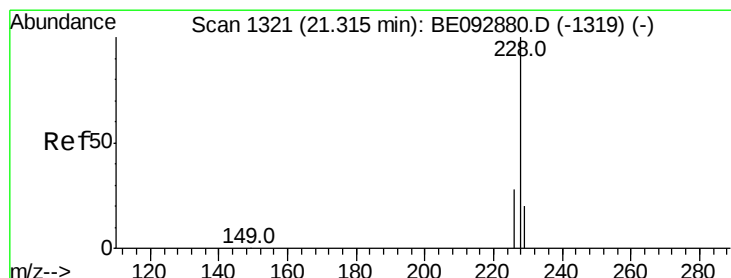
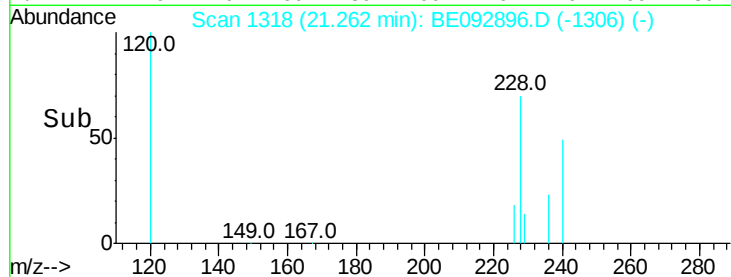
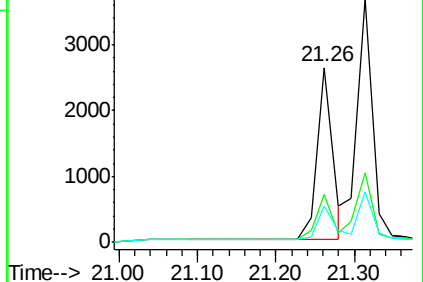
229 20.7 13.3 19.9#



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: 0.41 ng

RT: 21.31 min Scan# 1321

Delta R.T. -0.00 min

Lab File: BE092896.D

Acq: 7 Apr 2017 15:46

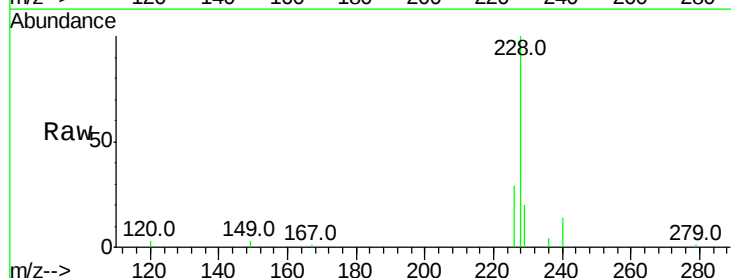
Tgt Ion:228 Resp: 4919

Ion Ratio Lower Upper

228 100

226 28.8 36.3 54.5#

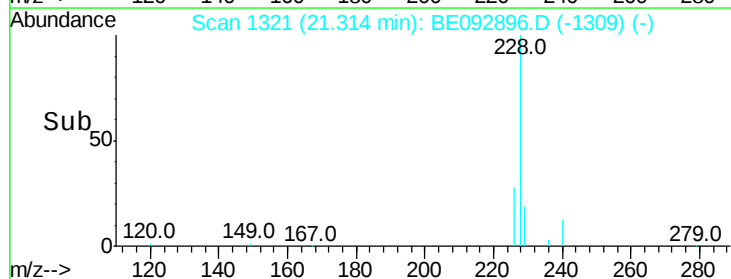
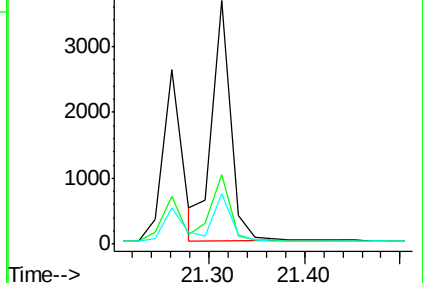
229 20.5 10.6 16.0#

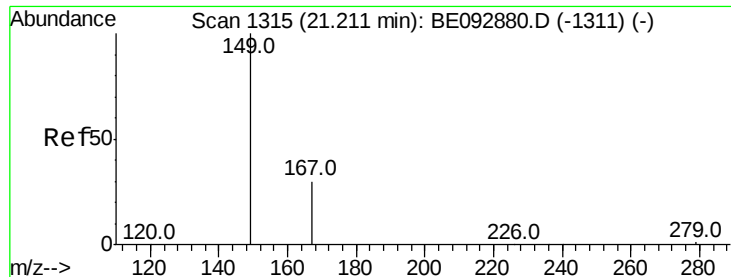


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

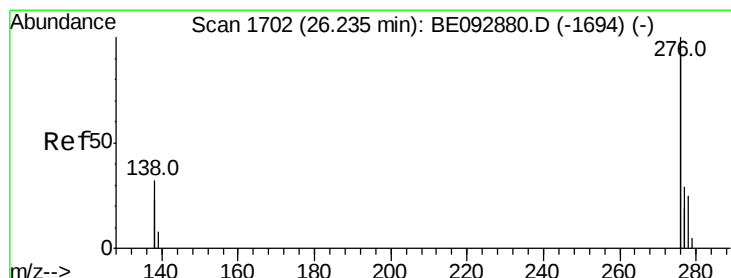
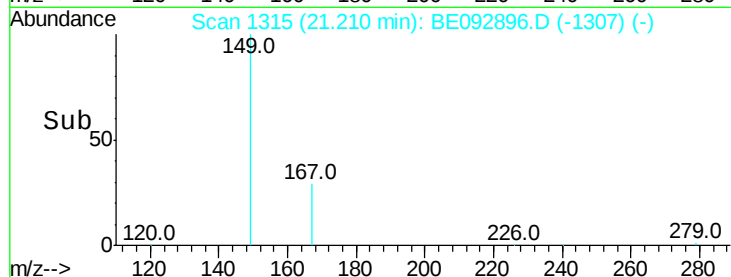
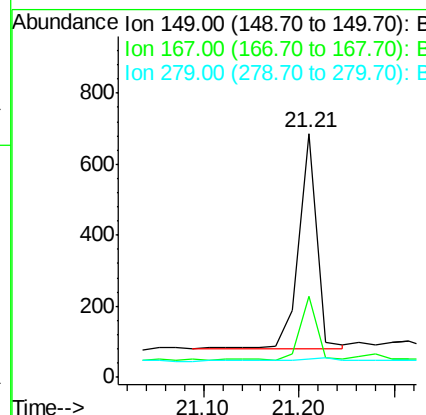
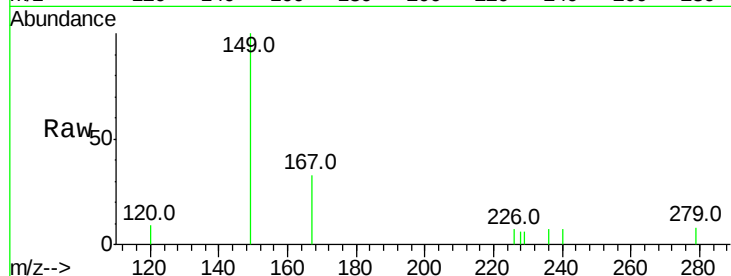




#29
 Bis(2-ethylhexyl)phthalate
 Concen: 0.40 ng
 RT: 21.21 min Scan# 1315
 Delta R.T. -0.02 min
 Lab File: BE092896.D
 Acq: 7 Apr 2017 15:46

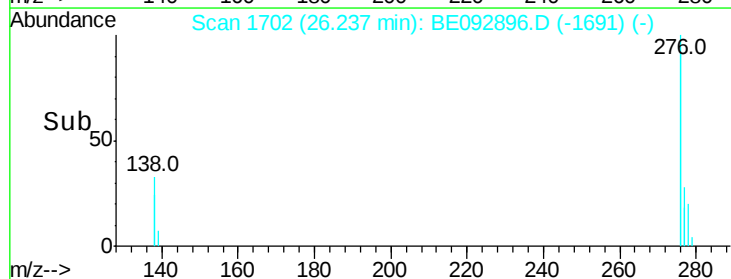
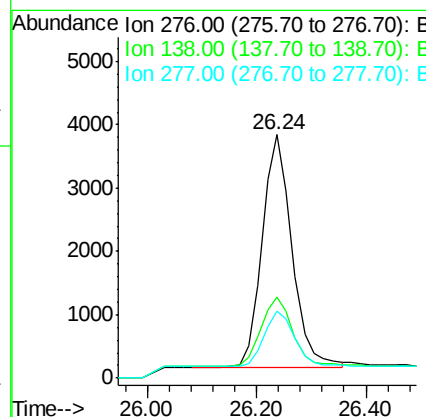
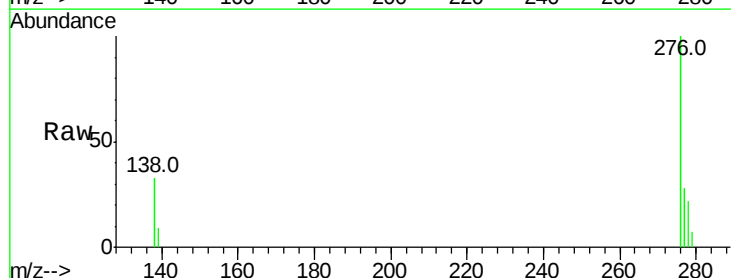
Instrument :
 BNA_E
 ClientSampleId :
 SSTCCCC0.4EC

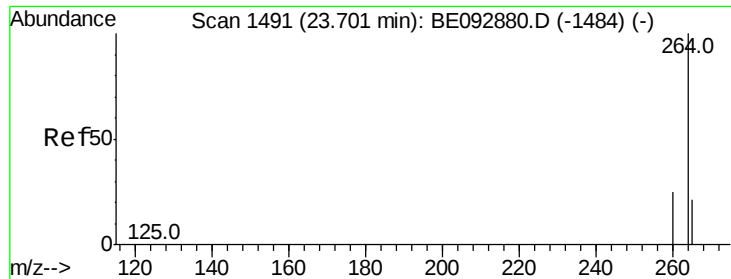
Tot Ion:149 Resp: 781
 Ion Ratio Lower Upper
 149 100
 167 27.3 16.0 24.0#
 279 2.3 16.0 24.0#



#30
 Indeno(1,2,3-cd)pyrene
 Concen: 0.35 ng
 RT: 26.24 min Scan# 1702
 Delta R.T. -0.02 min
 Lab File: BE092896.D
 Acq: 7 Apr 2017 15:46

Tgt Ion:276 Resp: 13891
 Ion Ratio Lower Upper
 276 100
 138 31.9 20.3 30.5#
 277 24.8 19.7 29.5

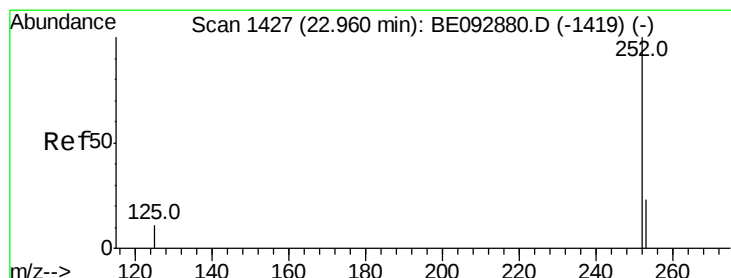
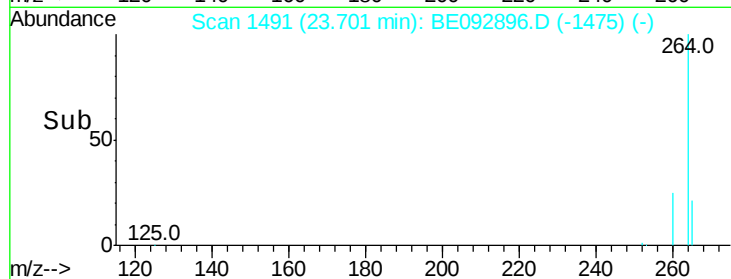
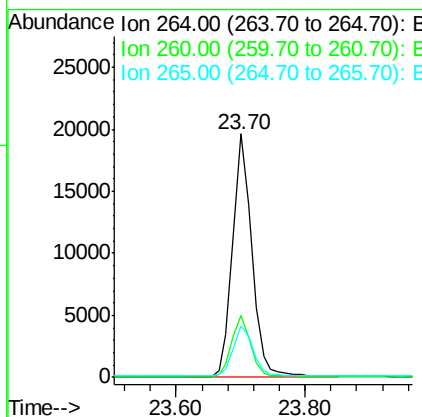
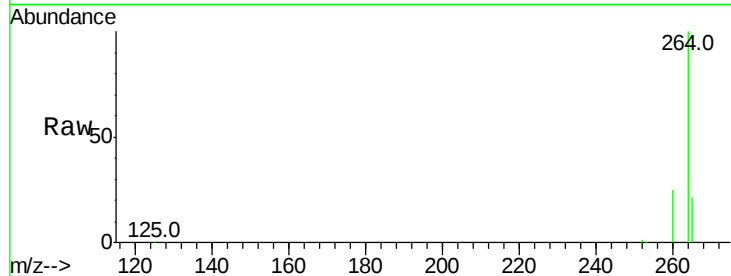




#31
 Pervlene-d12
 Concen: 5.00 ng
 RT: 23.70 min Scan# 1491
 Delta R.T. -0.01 min
 Lab File: BE092896.D
 Acq: 7 Apr 2017 15:46

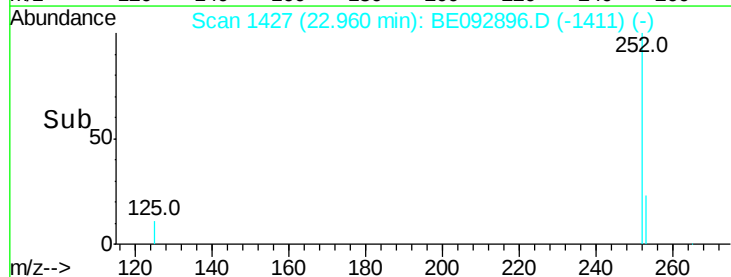
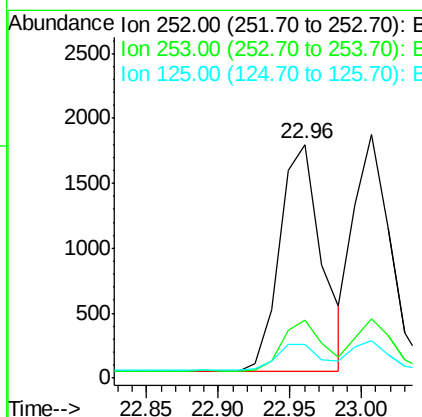
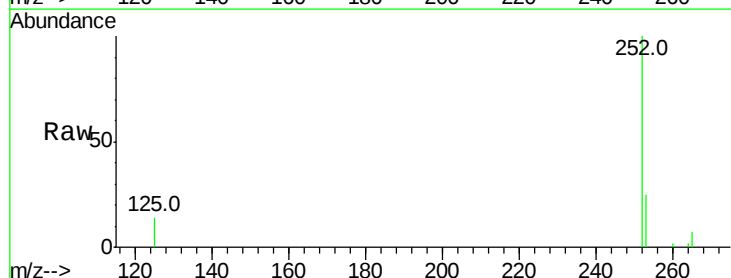
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

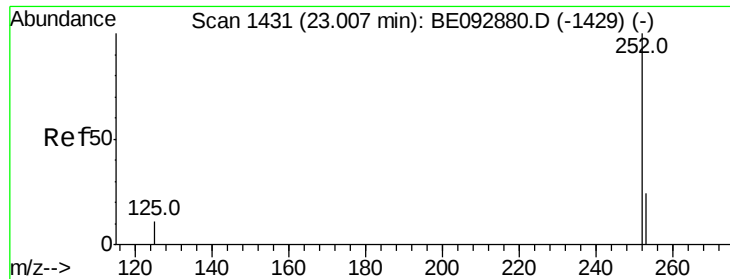
Tot Ion:264 Resp: 40424
 Ion Ratio Lower Upper
 264 100
 260 25.3 20.1 30.1
 265 21.4 17.9 26.9



#32
 Benzo(b)fluoranthene
 Concen: 0.36 ng
 RT: 22.96 min Scan# 1427
 Delta R.T. -0.01 min
 Lab File: BE092896.D
 Acq: 7 Apr 2017 15:46

Tgt Ion:252 Resp: 3573
 Ion Ratio Lower Upper
 252 100
 253 25.0 18.7 28.1
 125 14.4 10.5 15.7





#33

Benzo(k)fluoranthene

Concen: 0.40 ng

RT: 22.96 min Scan# 1427

Delta R.T. -0.06 min

Lab File: BE092896.D

Acq: 7 Apr 2017 15:46

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

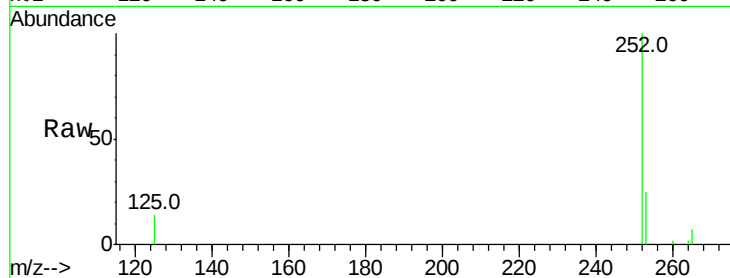
Tot Ion:252 Resp: 3573

Ion Ratio Lower Upper

252 100

253 25.0 20.3 30.5

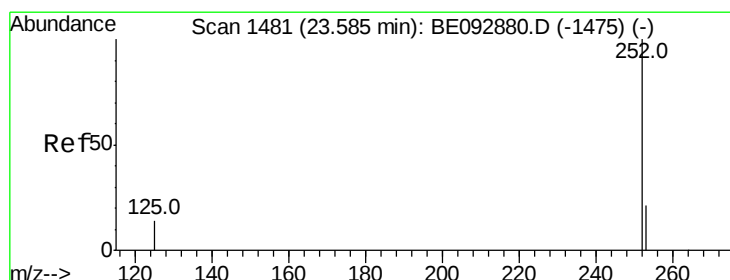
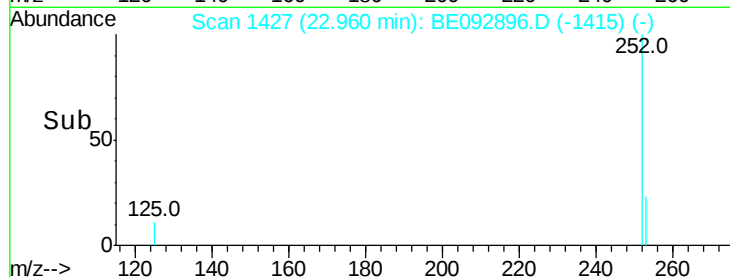
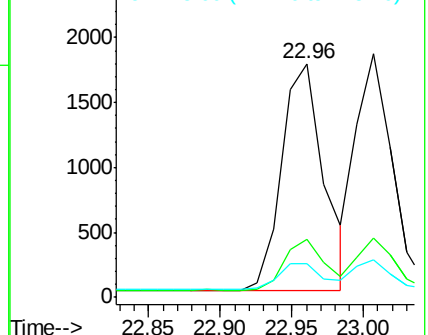
125 14.4 9.6 14.4



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: 0.33 ng

RT: 23.58 min Scan# 1481

Delta R.T. -0.01 min

Lab File: BE092896.D

Acq: 7 Apr 2017 15:46

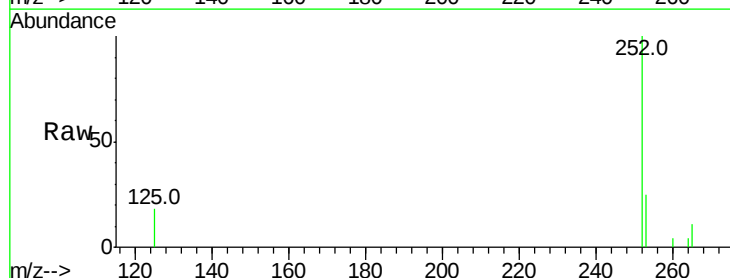
Tgt Ion:252 Resp: 2573

Ion Ratio Lower Upper

252 100

253 25.3 19.0 28.6

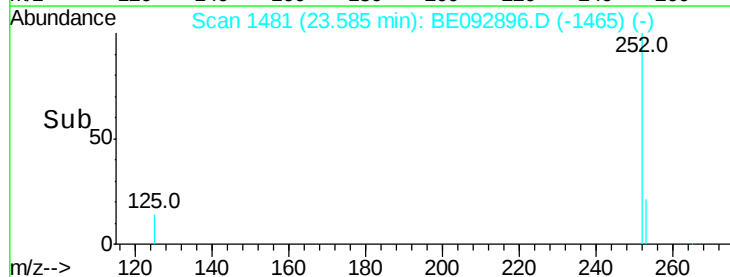
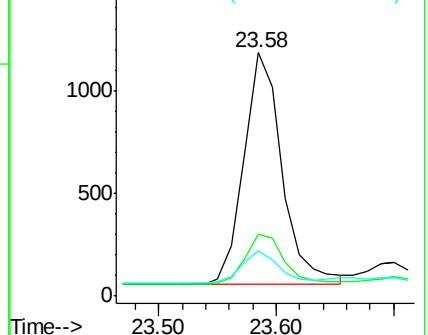
125 18.5 11.8 17.8#

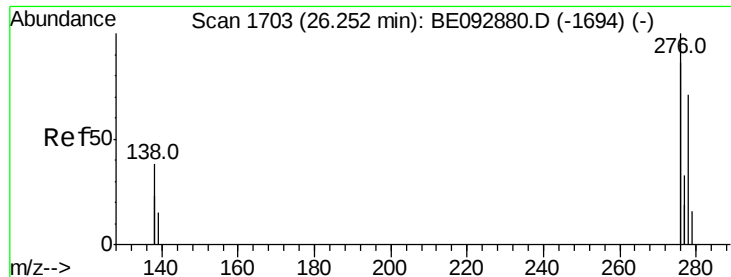


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#35

Dibenzo(a,h)anthracene

Concen: 0.34 ng

RT: 26.27 min Scan# 1704

Delta R.T. -0.02 min

Lab File: BE092896.D

Acq: 7 Apr 2017 15:46

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

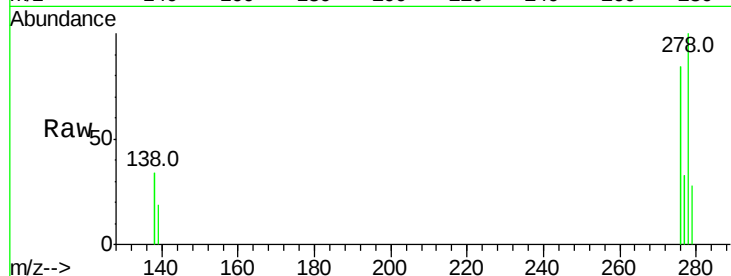
Tot Ion:278 Resp: 3064

Ion Ratio Lower Upper

278 100

139 19.3 13.8 20.8

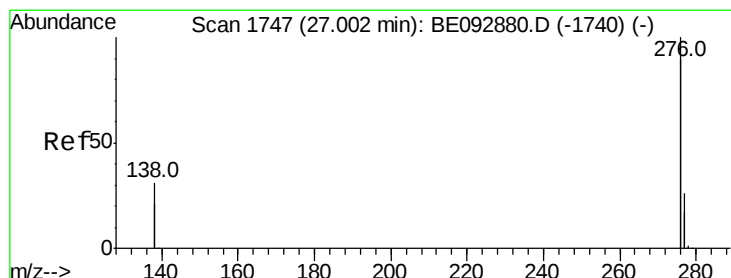
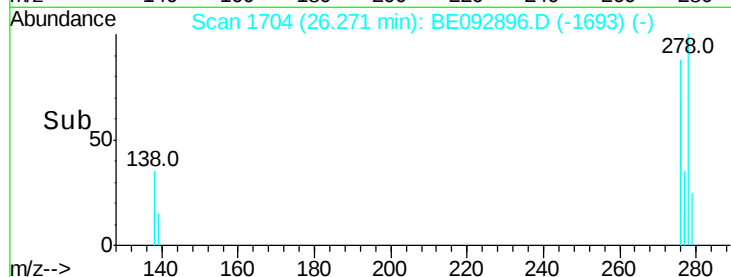
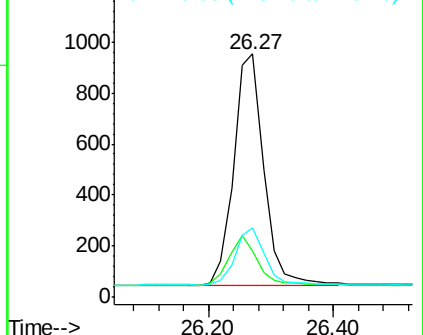
279 28.4 21.4 32.2



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: 0.36 ng

RT: 27.00 min Scan# 1747

Delta R.T. -0.02 min

Lab File: BE092896.D

Acq: 7 Apr 2017 15:46

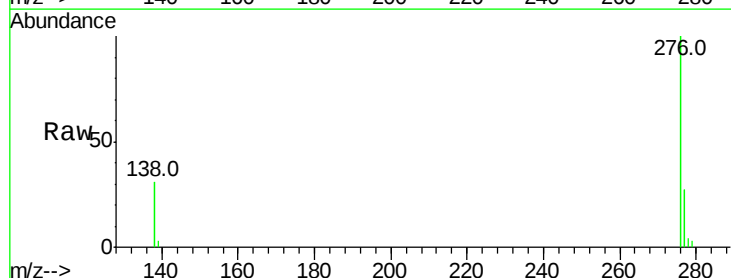
Tgt Ion:276 Resp: 13111

Ion Ratio Lower Upper

276 100

277 26.5 19.8 29.8

138 31.5 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

