

Data Path : Z:\HPCHEM1\BNA E\DATA\BE040417\
 Data File : BE092886.D
 Acq On : 4 Apr 2017 15:58
 Operator : SJ/MA
 Sample : SSTDICV0.4
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 ICVBE040417

Quant Time: Apr 04 16:37:50 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 16:34:01 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	8366	5.00	ng	-0.02
7) Naphthalene-d8	10.54	136	36405	5.00	ng	0.00
12) Acenaphthene-d10	14.38	164	17942	5.00	ng	-0.02
18) Phenanthrene-d10	17.13	188	42879	5.00	ng	-0.02
24) Chrysene-d12	21.28	240	48715	5.00	ng	-0.02
31) Perylene-d12	23.70	264	41005	5.00	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.35	112	674	0.40	ng	0.00
5) Phenol-d6	6.95	99	934	0.39	ng	0.00
8) Nitrobenzene-d5	8.90	82	867	0.42	ng	-0.02
13) 2,4,6-Tribromophenol	15.87	330	85	0.37	ng	-0.01
14) 2-Fluorobiphenyl	13.02	172	2387	0.39	ng	-0.01
26) Terphenyl-d14	19.74	244	2880	0.38	ng	-0.02

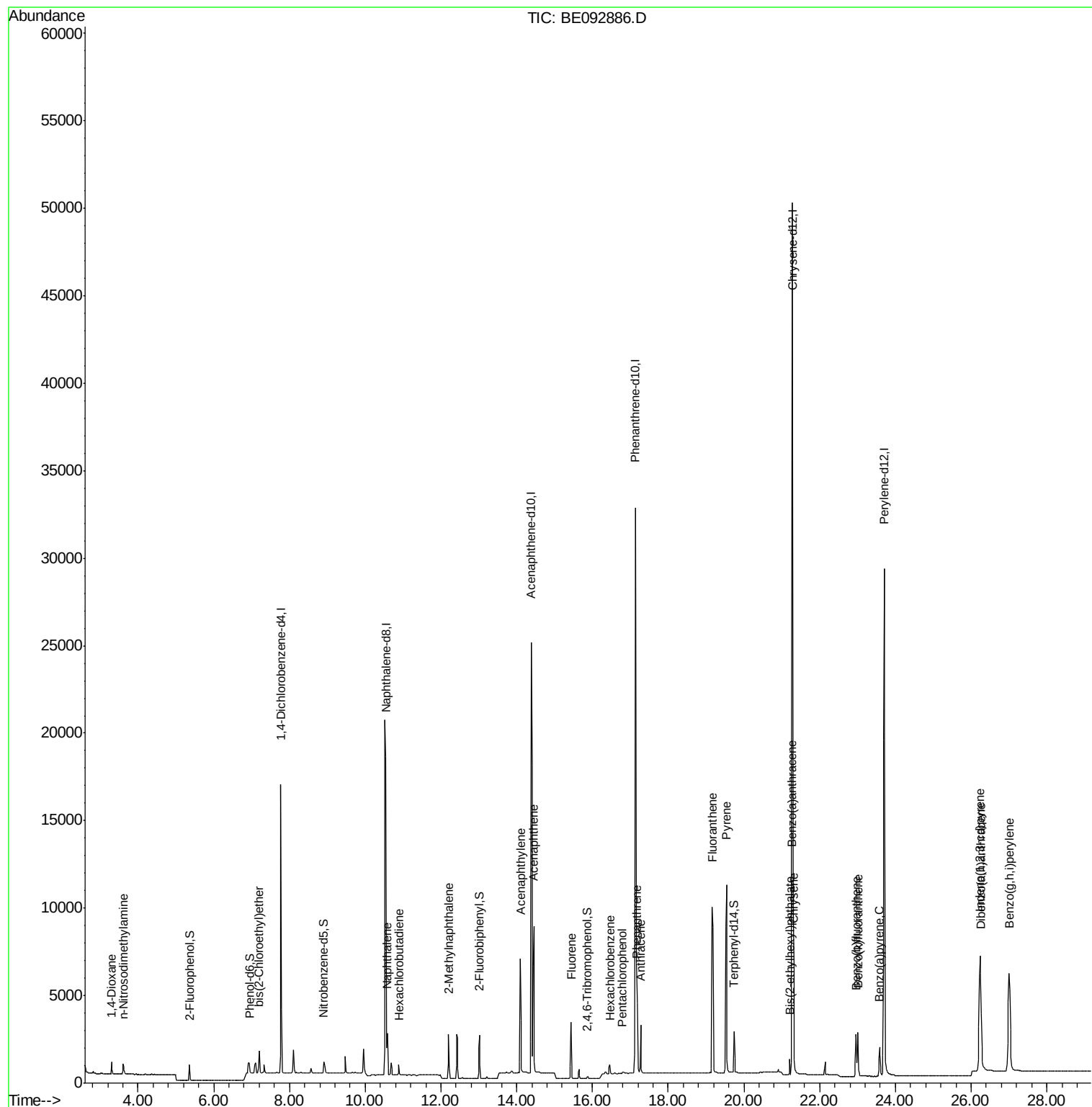
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.31	88	458	0.41	ng	90
3) n-Nitrosodimethylamine	3.61	42	444	0.39	ng	# 84
6) bis(2-Chloroethyl)ether	7.20	93	1060	0.39	ng	# 50
9) Naphthalene	10.58	128	3221	0.40	ng	99
10) Hexachlorobutadiene	10.89	225	431	0.40	ng	99
11) 2-Methylnaphthalene	12.21	142	1956	0.39	ng	# 85
15) Acenaphthylene	14.09	152	9374	0.37	ng	100
16) Acenaphthene	14.45	154	2006	0.38	ng	98
17) Fluorene	15.44	166	2178	0.38	ng	98
19) Hexachlorobenzene	16.47	284	623	0.38	ng	# 65
20) Pentachlorophenol	16.79	266	117	0.43	ng	# 90
21) Phenanthrene	17.18	178	4448	0.39	ng	# 94
22) Anthracene	17.27	178	3337	0.36	ng	99
23) Fluoranthene	19.16	202	15424	0.37	ng	99
25) Pyrene	19.54	202	16544	0.38	ng	99
27) Benzo(a)anthracene	21.26	228	3705	0.35	ng	# 94
28) Chrysene	21.31	228	4999	0.41	ng	# 76
29) Bis(2-ethylhexyl)phthalate	21.21	149	869	0.44	ng	# 74
30) Indeno(1,2,3-cd)pyrene	26.24	276	14460	0.36	ng	# 93
32) Benzo(b)fluoranthene	22.96	252	3741	0.37	ng	97
33) Benzo(k)fluoranthene	23.01	252	3326m	0.36	ng	
34) Benzo(a)pyrene	23.59	252	2725	0.35	ng	# 97
35) Dibenzo(a,h)anthracene	26.25	278	3215	0.36	ng	# 93
36) Benzo(g,h,i)perylene	27.00	276	13542	0.37	ng	# 93

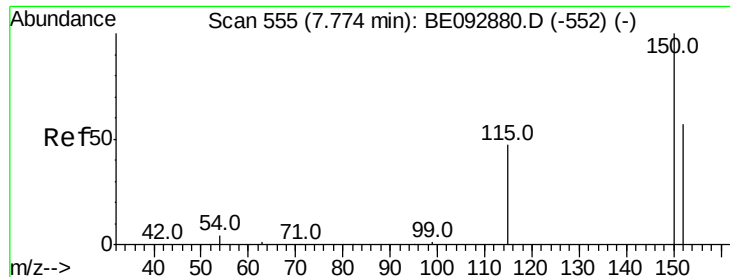
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE092886.D

Acq: 4 Apr 2017 15:58

Instrument :

BNA_E

ClientSampleId :

ICVBE040417

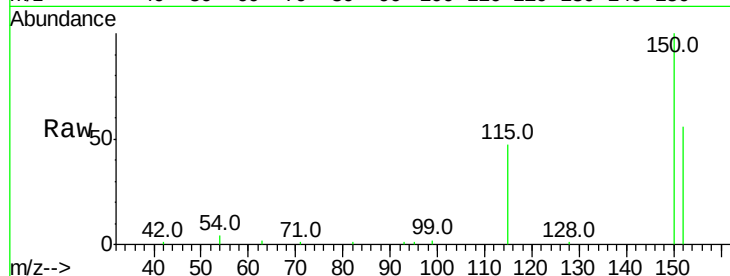
Tot Ion:152 Resp: 8366

Ion Ratio Lower Upper

152 100

150 177.4 106.0 159.0#

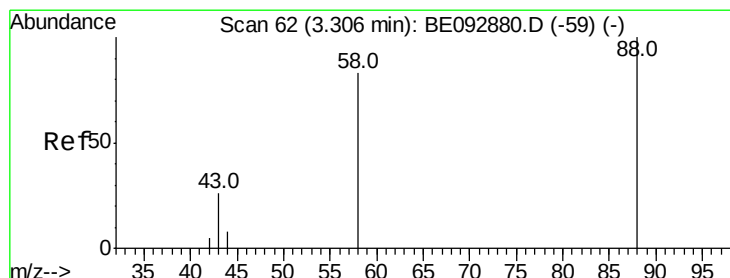
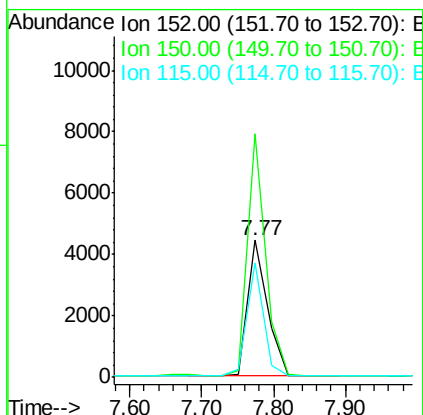
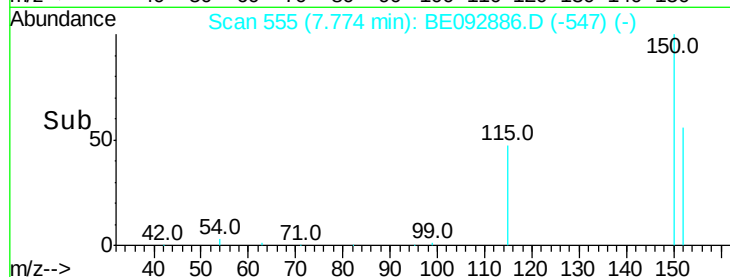
115 83.6 31.2 46.8#



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: 0.41 ng

RT: 3.31 min Scan# 62

Delta R.T. -0.01 min

Lab File: BE092886.D

Acq: 4 Apr 2017 15:58

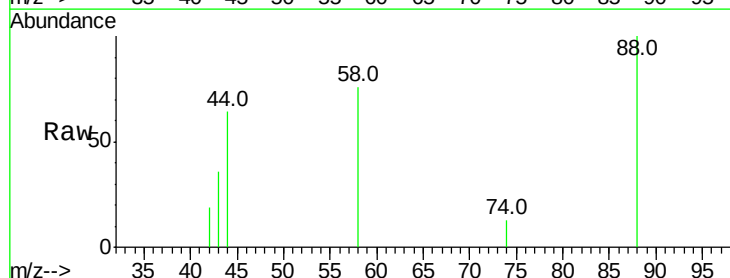
Tgt Ion: 88 Resp: 458

Ion Ratio Lower Upper

88 100

58 71.6 63.6 95.4

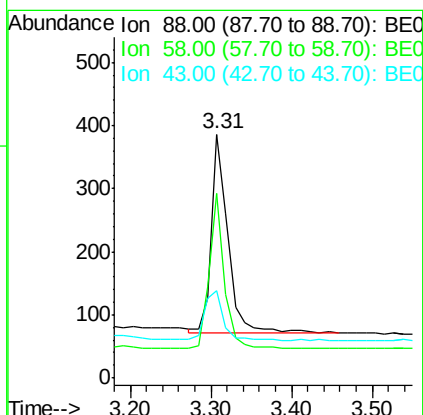
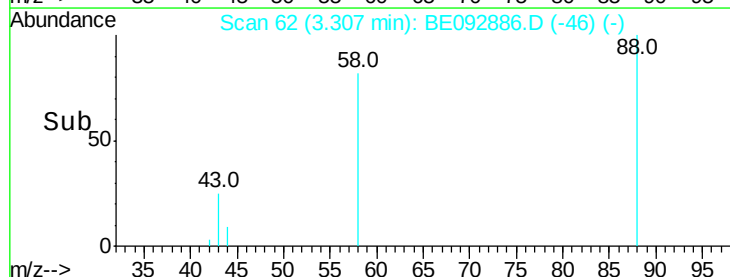
43 28.4 28.0 42.0

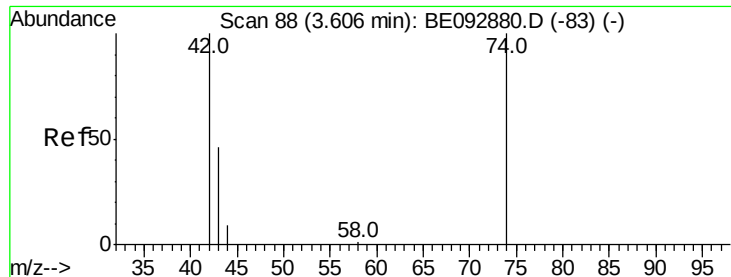


Abundance Ion 88.00 (87.70 to 88.70): BE0

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: 3.61 min Scan# 88

Delta R.T. 0.00 min

Lab File: BE092886.D

Acq: 4 Apr 2017 15:58

Instrument :

BNA_E

ClientSampleId :

ICVBE040417

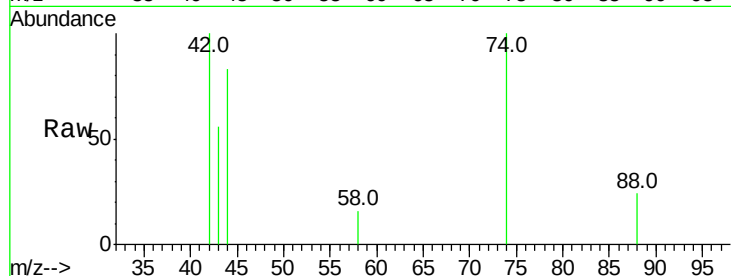
Tot Ion: 42 Resp: 444

Ion Ratio Lower Upper

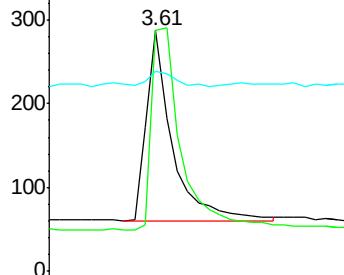
42 100

74 124.3 86.0 129.0

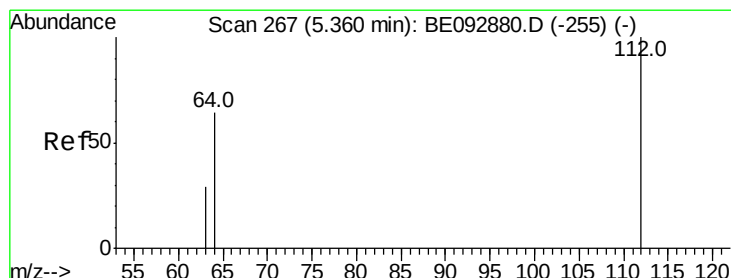
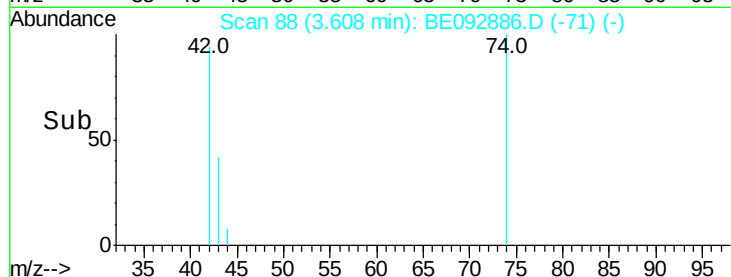
44 8.6 5.1 7.7#



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



Time-->



#4

2-Fluorophenol

Concen: 0.40 ng

RT: 5.35 min Scan# 266

Delta R.T. -0.01 min

Lab File: BE092886.D

Acq: 4 Apr 2017 15:58

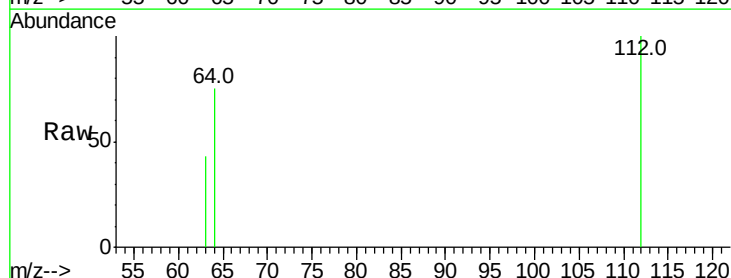
Tgt Ion: 112 Resp: 674

Ion Ratio Lower Upper

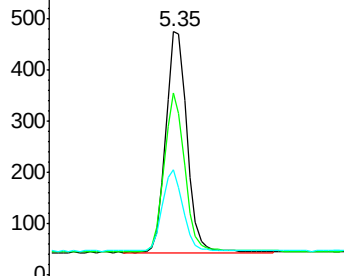
112 100

64 69.1 53.5 80.3

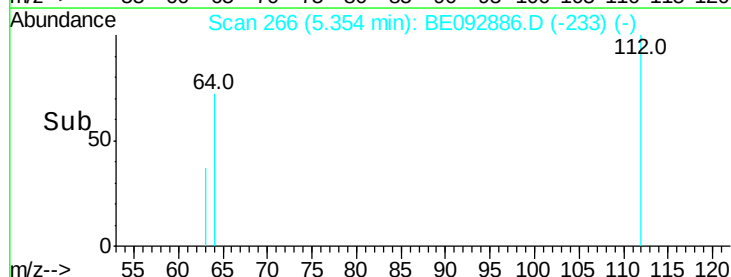
63 34.9 27.9 41.9

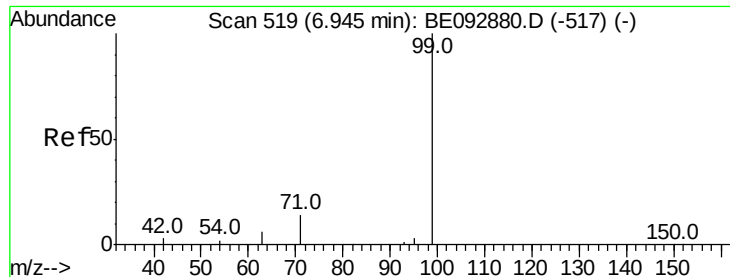


Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BE0
Ion 63.00 (62.70 to 63.70): BE0



Time-->





#5

Phenol-d6

Concen: 0.39 ng

RT: 6.95 min Scan# 519

Delta R.T. 0.00 min

Lab File: BE092886.D

Acq: 4 Apr 2017 15:58

Instrument :

BNA_E

ClientSampleId :

ICVBE040417

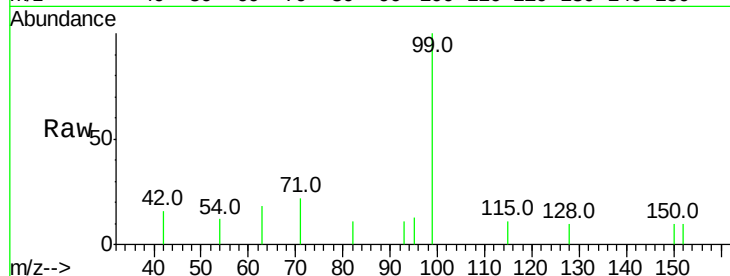
Tot Ion: 99 Resp: 934

Ion Ratio Lower Upper

99 100

42 0.0 16.0 24.0#

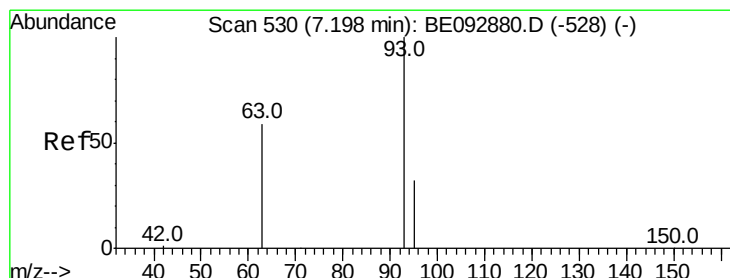
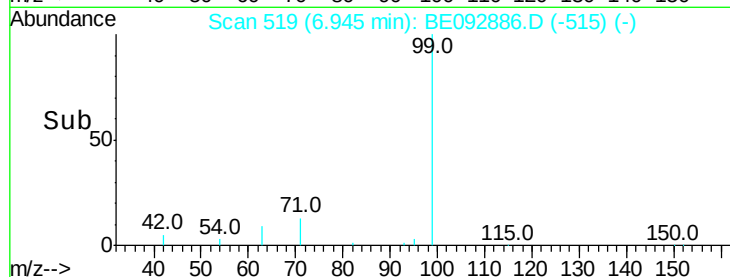
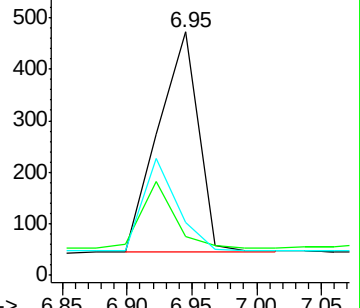
71 0.0 30.6 45.8#



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: 0.39 ng

RT: 7.20 min Scan# 530

Delta R.T. 0.00 min

Lab File: BE092886.D

Acq: 4 Apr 2017 15:58

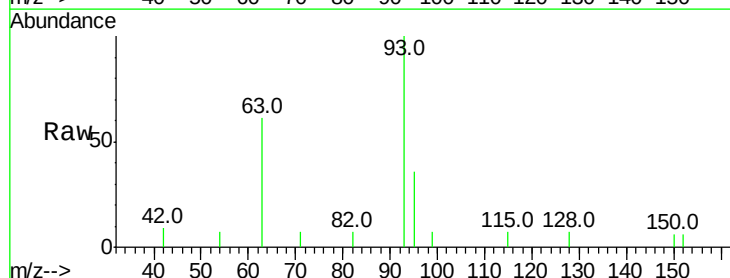
Tgt Ion: 93 Resp: 1060

Ion Ratio Lower Upper

93 100

63 75.7 16.0 24.0#

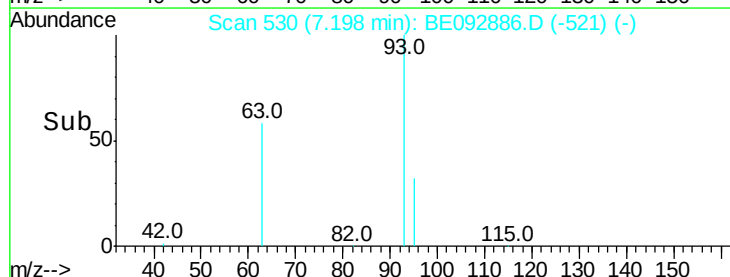
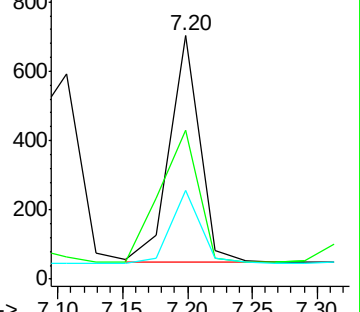
95 31.8 24.0 36.0

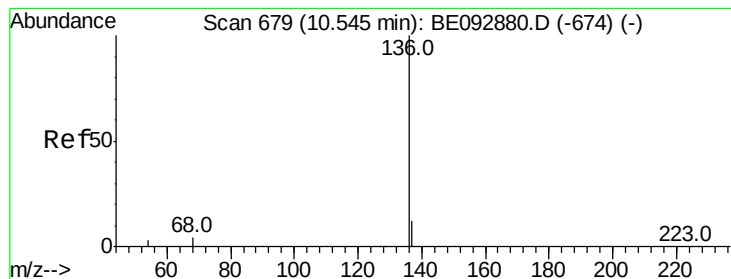


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE092886.D

Acq: 4 Apr 2017 15:58

Instrument :

BNA_E

ClientSampleId :

ICVBE040417

Tot Ion:136 Resp: 36405

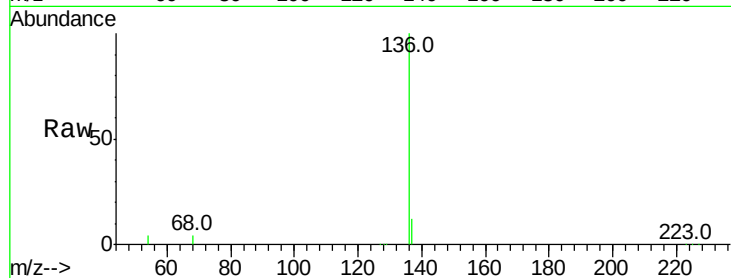
Ion Ratio Lower Upper

136 100

137 12.5 8.2 12.4#

54 3.5 9.6 14.4#

68 3.8 6.7 10.1#

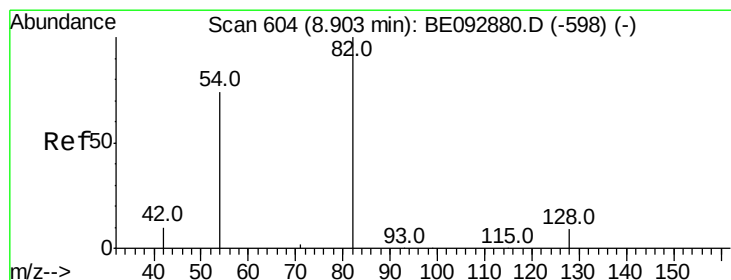
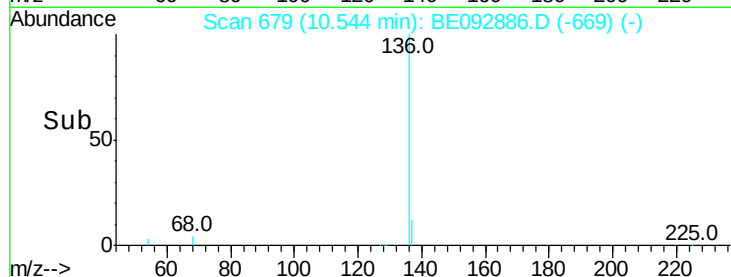
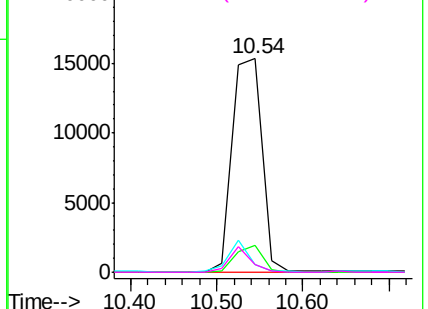


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.42 ng

RT: 8.90 min Scan# 604

Delta R.T. -0.02 min

Lab File: BE092886.D

Acq: 4 Apr 2017 15:58

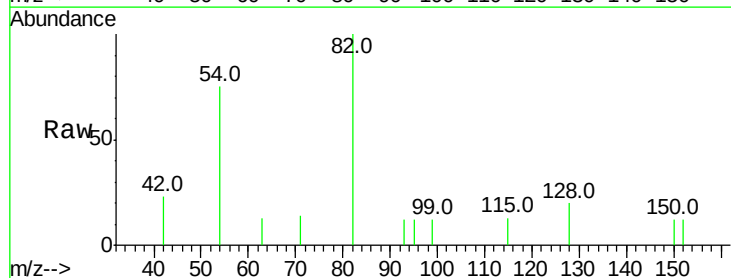
Tgt Ion: 82 Resp: 867

Ion Ratio Lower Upper

82 100

128 20.4 39.0 58.4#

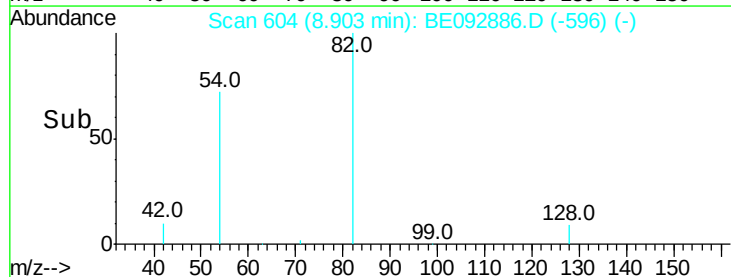
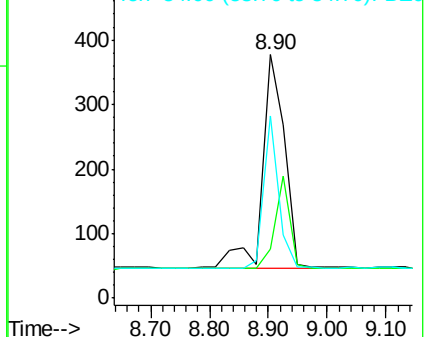
54 75.1 44.8 67.2#

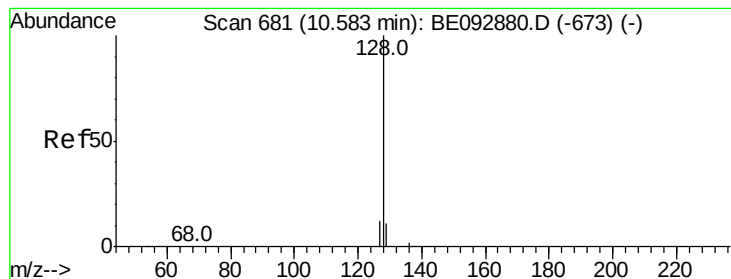


Abundance Ion 82.00 (81.70 to 82.70): BE0

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: BE092886.D

Acq: 4 Apr 2017 15:58

Instrument :

BNA_E

ClientSampleId :

ICVBE040417

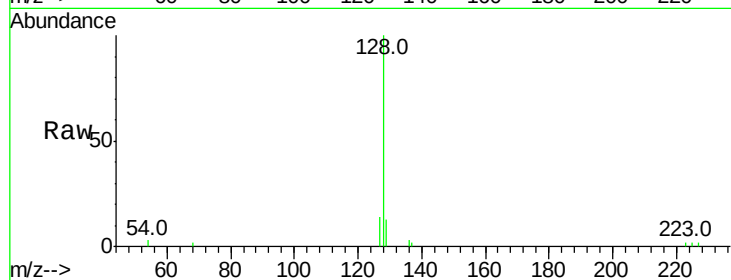
Tot Ion:128 Resp: 3221

Ion Ratio Lower Upper

128 100

129 13.0 11.2 16.8

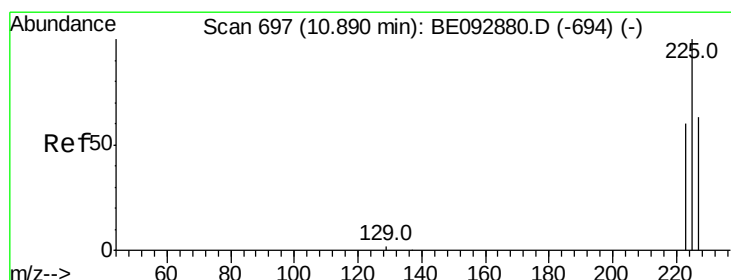
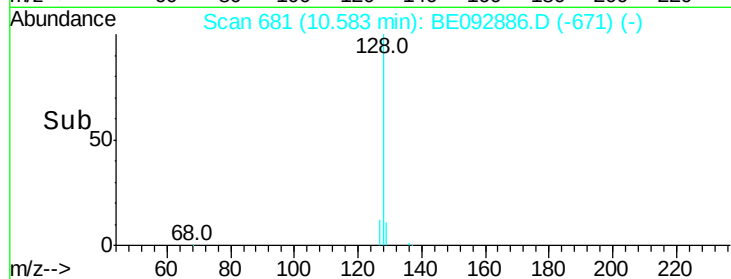
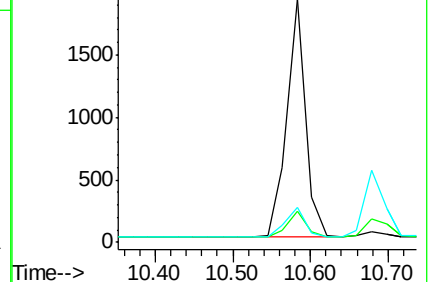
127 14.4 11.6 17.4



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: BE092886.D

Acq: 4 Apr 2017 15:58

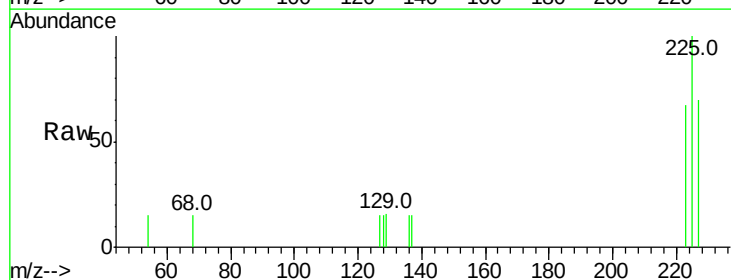
Tgt Ion:225 Resp: 431

Ion Ratio Lower Upper

225 100

223 63.1 50.6 76.0

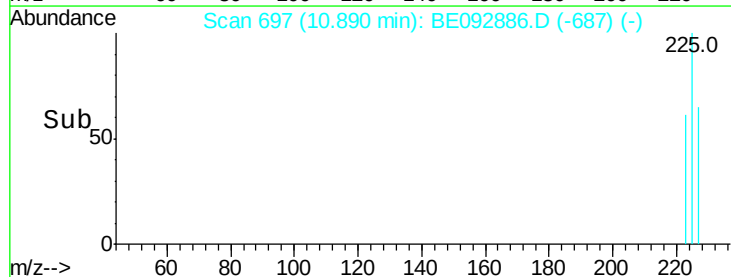
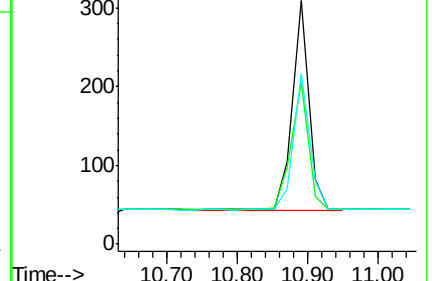
227 65.2 51.4 77.0

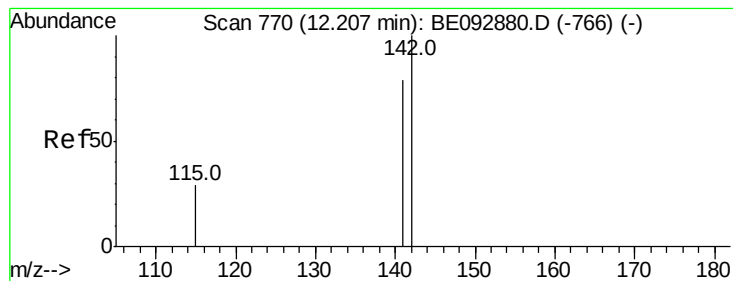


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene

Concen: 0.39 ng

RT: 12.21 min Scan# 770

Delta R.T. 0.00 min

Lab File: BE092886.D

Acq: 4 Apr 2017 15:58

Instrument :

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ICVBE040417

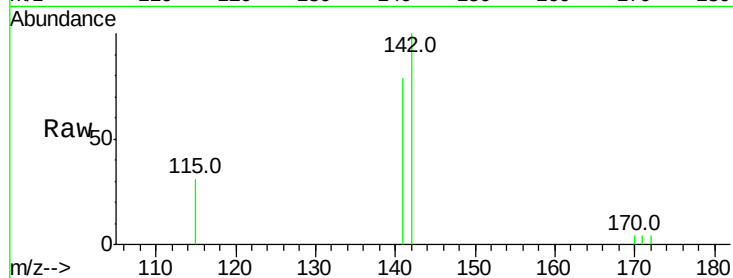
Tot Ion:142 Resp: 1956

Ion Ratio Lower Upper

142 100

141 78.9 73.7 110.5

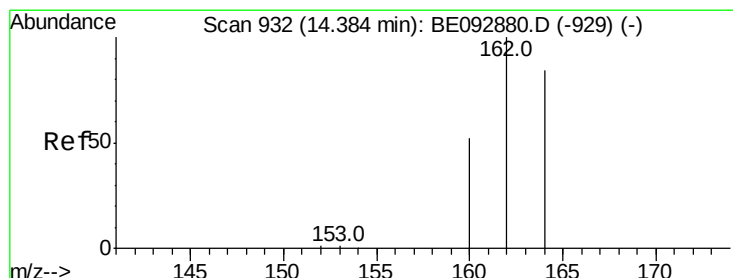
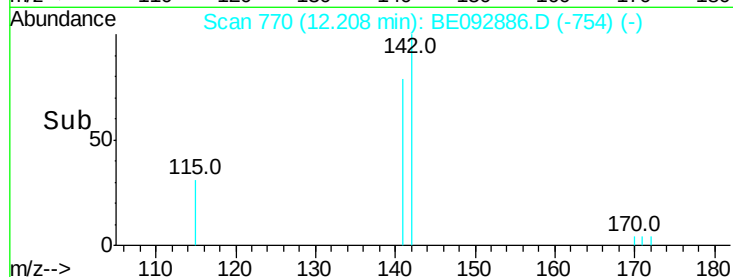
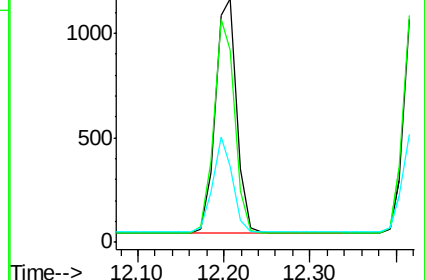
115 31.4 34.0 51.0#



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: 14.38 min Scan# 932

Delta R.T. -0.02 min

Lab File: BE092886.D

Acq: 4 Apr 2017 15:58

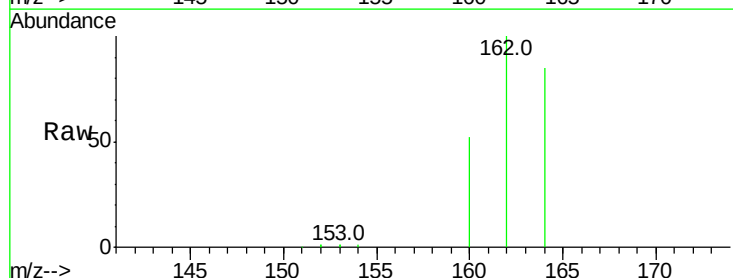
Tgt Ion:164 Resp: 17942

Ion Ratio Lower Upper

164 100

162 117.2 71.4 107.0#

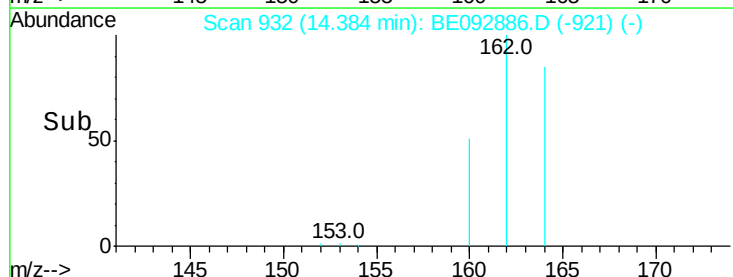
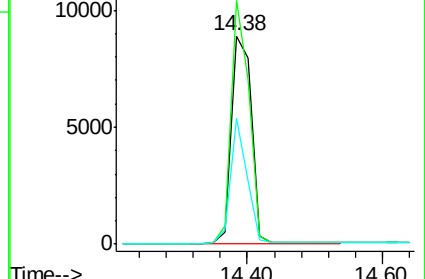
160 60.6 27.4 41.2#

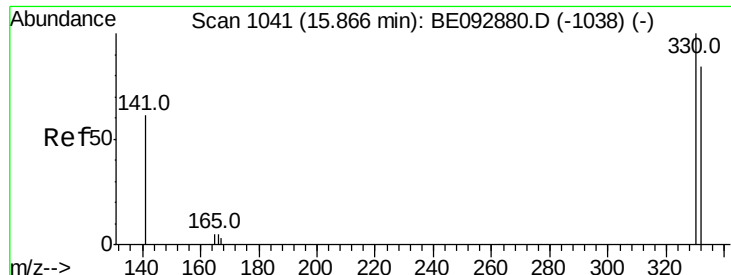


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

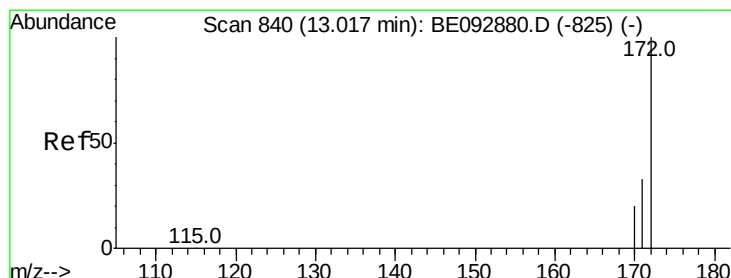
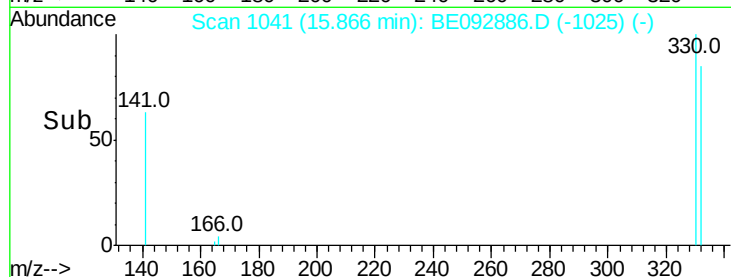
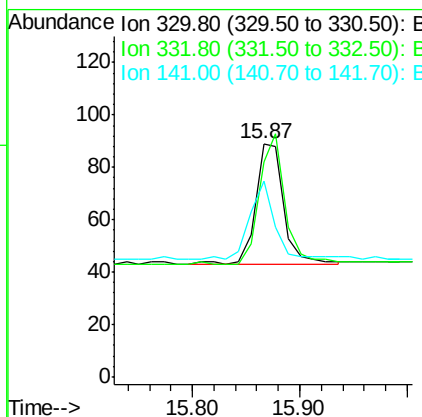
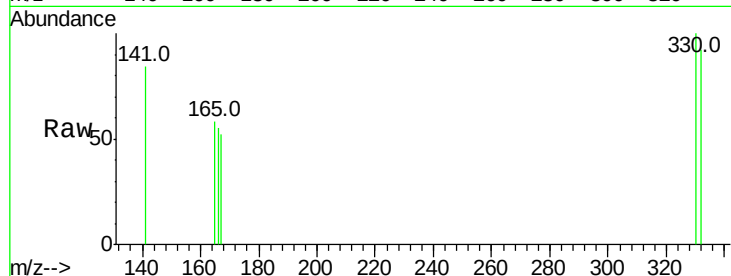




#13
 2,4,6-Tribromophenol
 Concen: 0.37 ng
 RT: 15.87 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BE092886.D
 Acq: 4 Apr 2017 15:58

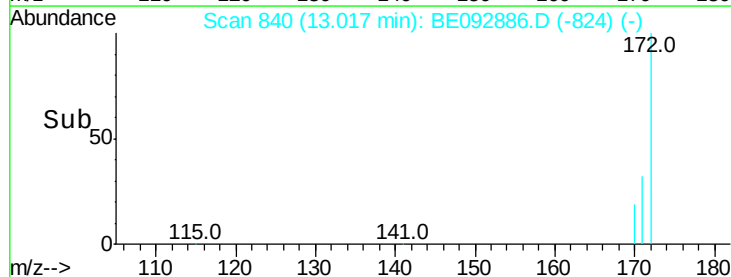
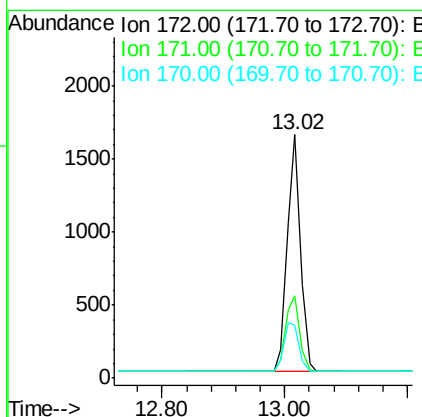
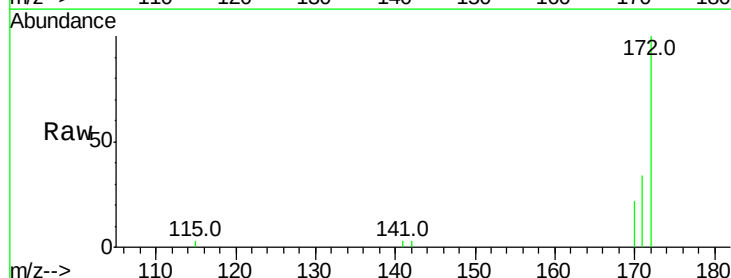
Instrument :
 BNA_E
 ClientSampleId :
 ICVBE040417

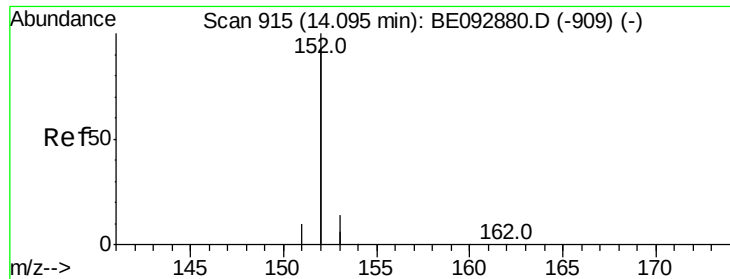
Tot Ion:330 Resp: 85
 Ion Ratio Lower Upper
 330 100
 332 98.8 75.4 113.0
 141 58.8 31.0 46.6#



#14
 2-Fluorobiphenyl
 Concen: 0.39 ng
 RT: 13.02 min Scan# 840
 Delta R.T. -0.01 min
 Lab File: BE092886.D
 Acq: 4 Apr 2017 15:58

Tgt Ion:172 Resp: 2387
 Ion Ratio Lower Upper
 172 100
 171 33.8 30.1 45.1
 170 21.5 21.8 32.6#





#15

Acenaphthylene

Concen: 0.37 ng

RT: 14.09 min Scan# 915

Delta R.T. -0.02 min

Lab File: BE092886.D

Acq: 4 Apr 2017 15:58

Instrument :

BNA_E

ClientSampleId :

ICVBE040417

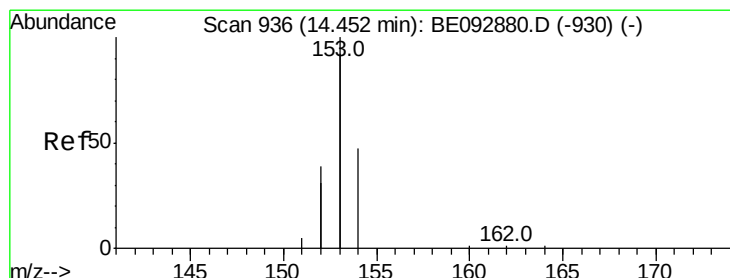
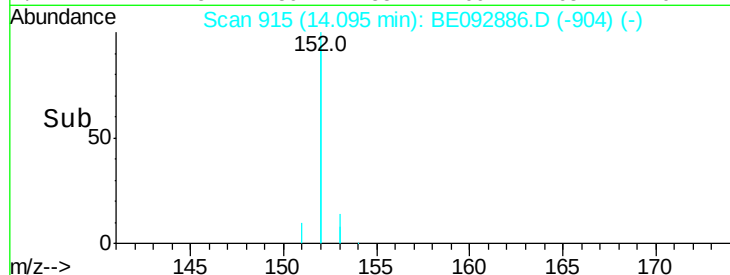
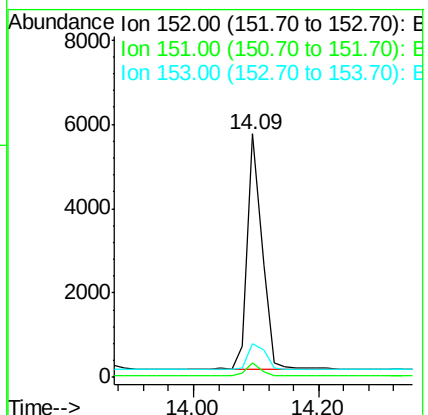
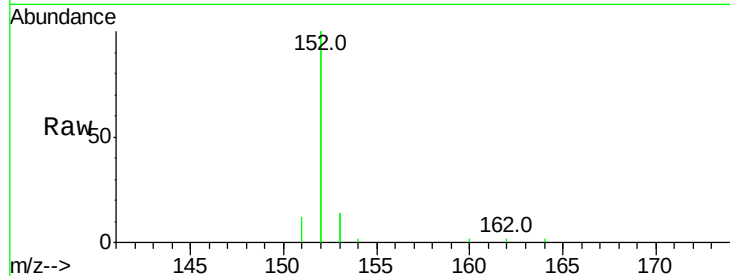
Tot Ion:152 Resp: 9374

Ion Ratio Lower Upper

152 100

151 4.9 3.9 5.9

153 13.1 10.4 15.6



#16

Acenaphthene

Concen: 0.38 ng

RT: 14.45 min Scan# 936

Delta R.T. 0.00 min

Lab File: BE092886.D

Acq: 4 Apr 2017 15:58

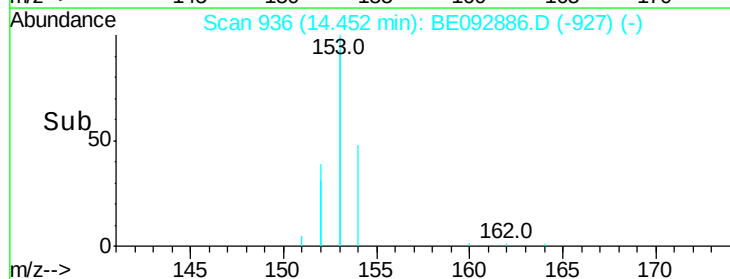
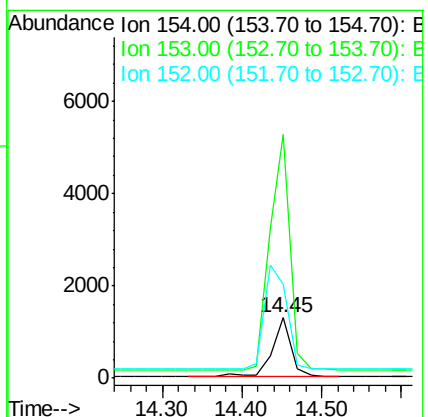
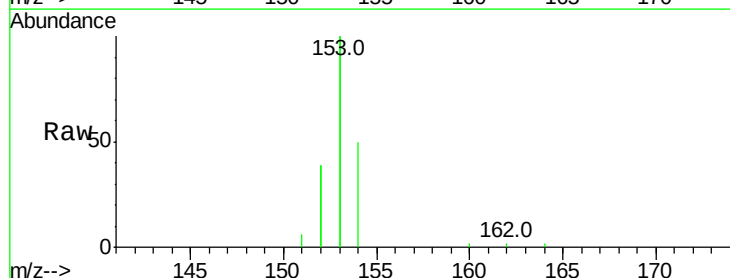
Tgt Ion:154 Resp: 2006

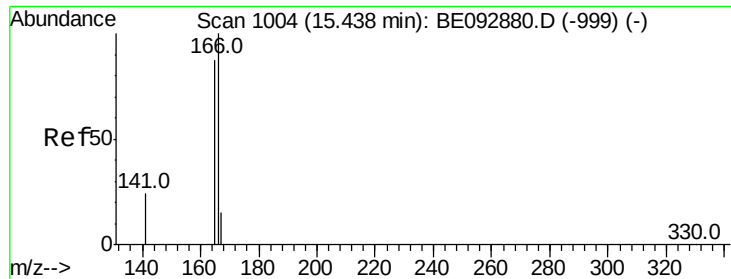
Ion Ratio Lower Upper

154 100

153 442.6 350.8 526.2

152 220.6 171.1 256.7

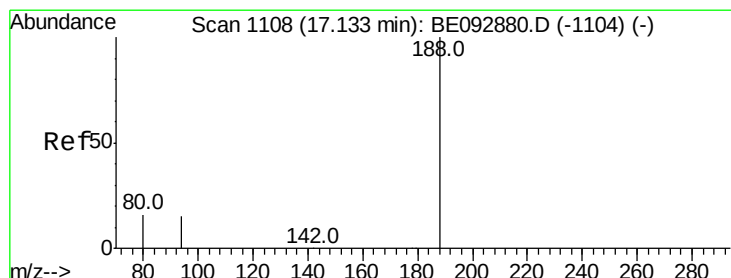
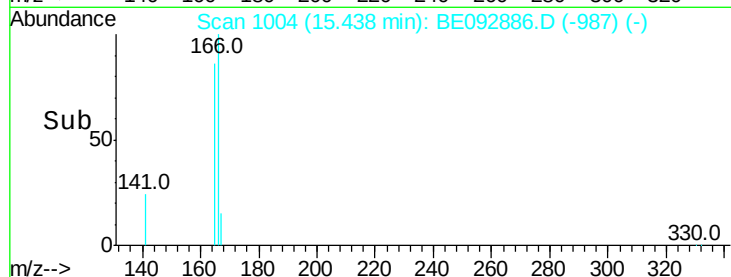
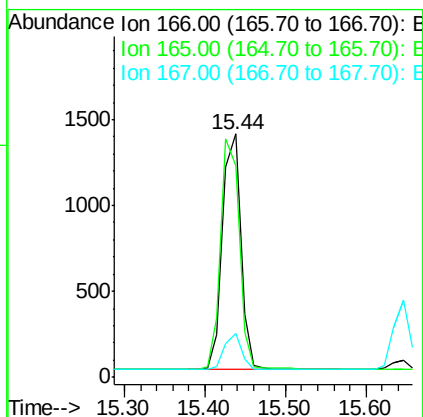
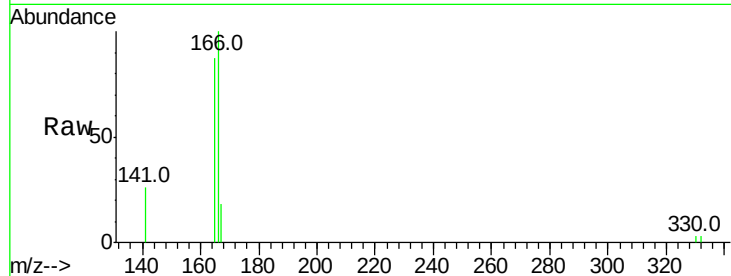




#17
Fluorene
Concen: 0.38 ng
RT: 15.44 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BE092886.D
Acq: 4 Apr 2017 15:58

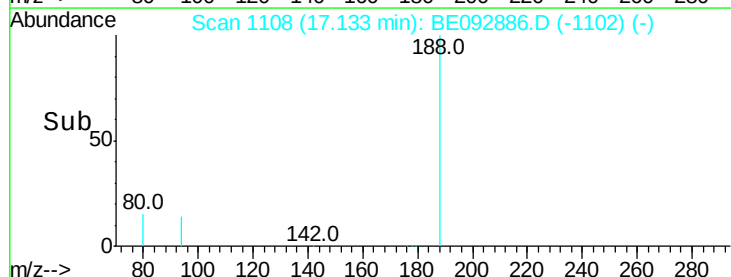
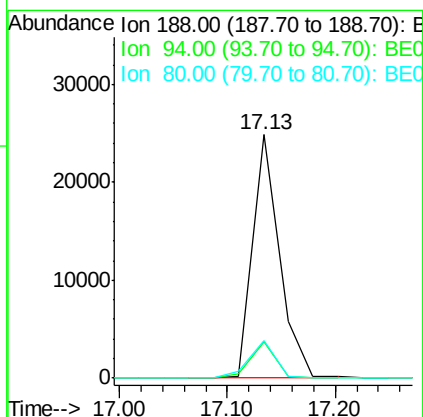
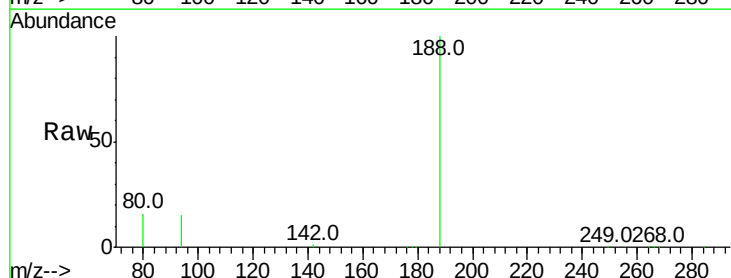
Instrument :
BNA_E
ClientSampleId :
ICVBE040417

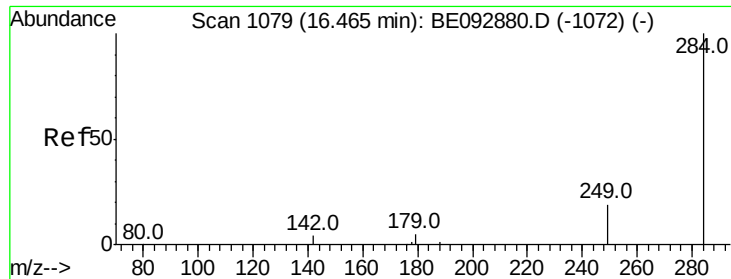
Tot Ion:166 Resp: 2178
Ion Ratio Lower Upper
166 100
165 99.6 78.2 117.4
167 14.2 11.0 16.4



#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.13 min Scan# 1108
Delta R.T. -0.02 min
Lab File: BE092886.D
Acq: 4 Apr 2017 15:58

Tgt Ion:188 Resp: 42879
Ion Ratio Lower Upper
188 100
94 14.6 3.2 4.8#
80 15.6 2.6 3.8#





#19

Hexachlorobenzene

Concen: 0.38 ng

RT: 16.47 min Scan# 1079

Delta R.T. -0.00 min

Lab File: BE092886.D

Acq: 4 Apr 2017 15:58

Instrument :

BNA_E

ClientSampleId :

ICVBE040417

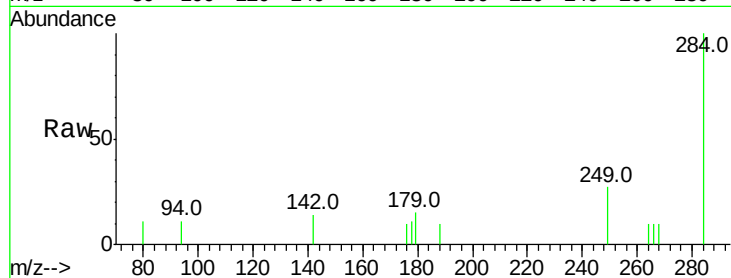
Tot Ion:284 Resp: 623

Ion Ratio Lower Upper

284 100

142 0.0 29.1 43.7#

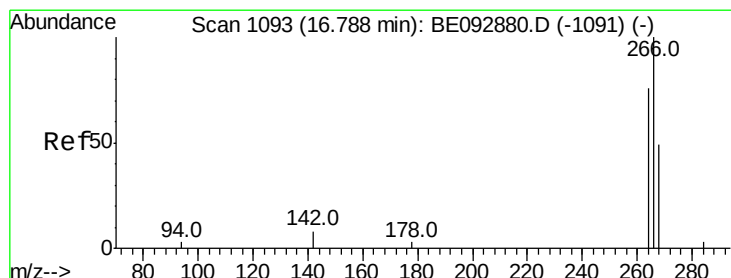
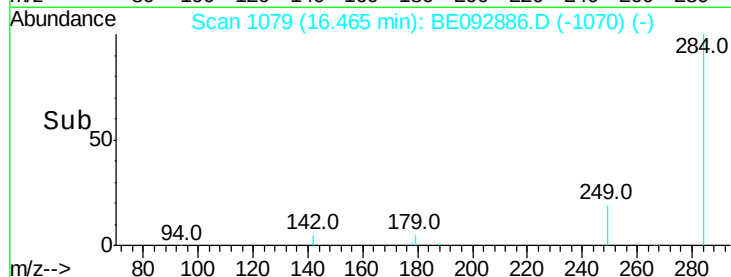
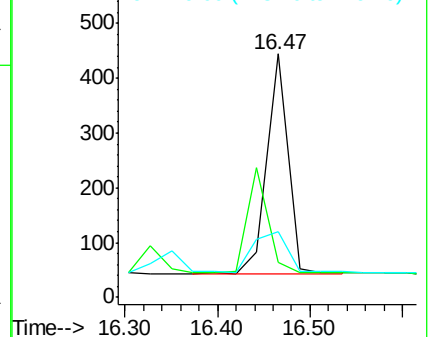
249 30.3 27.9 41.9



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: 0.43 ng

RT: 16.79 min Scan# 1093

Delta R.T. -0.02 min

Lab File: BE092886.D

Acq: 4 Apr 2017 15:58

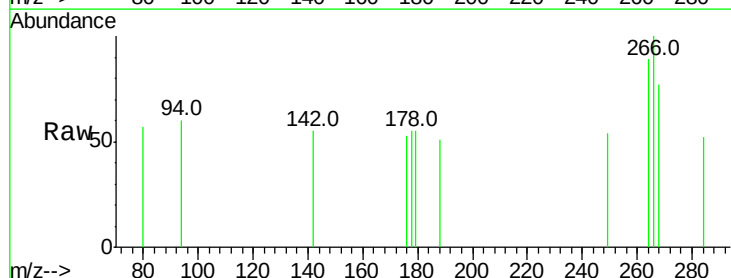
Tgt Ion:266 Resp: 117

Ion Ratio Lower Upper

266 100

268 77.0 62.5 93.7

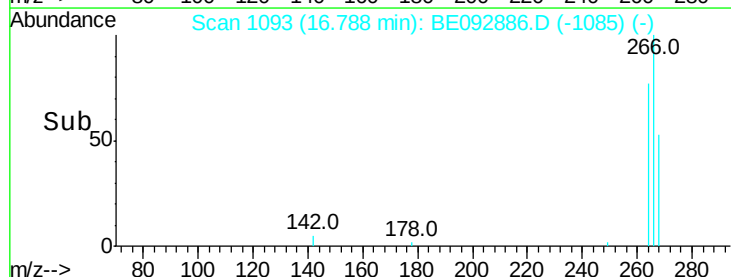
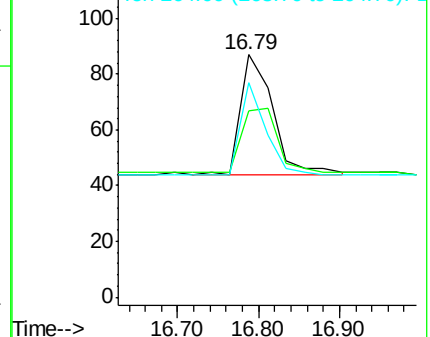
264 88.5 57.2 85.8#

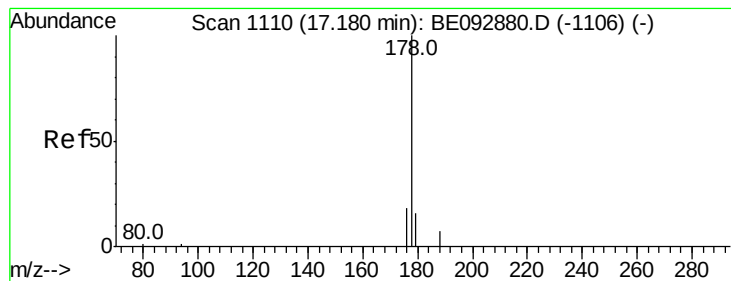


Abundance Ion 265.70 (265.40 to 266.40): E

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: BE092886.D

Acq: 4 Apr 2017 15:58

Instrument :

BNA_E

ClientSampleId :

ICVBE040417

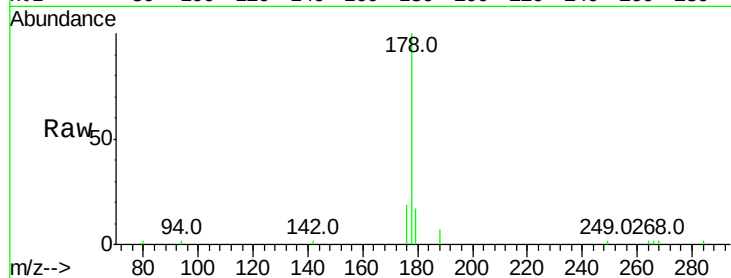
Tot Ion:178 Resp: 4448

Ion Ratio Lower Upper

178 100

176 18.7 15.8 23.8

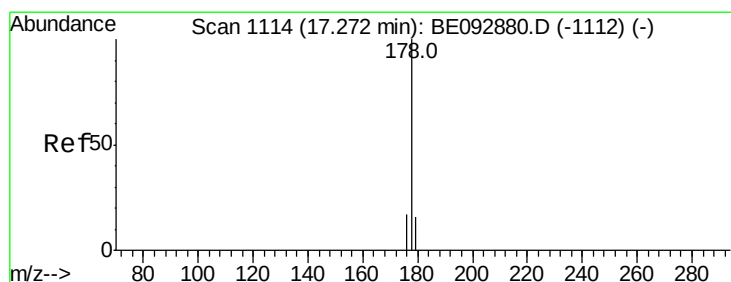
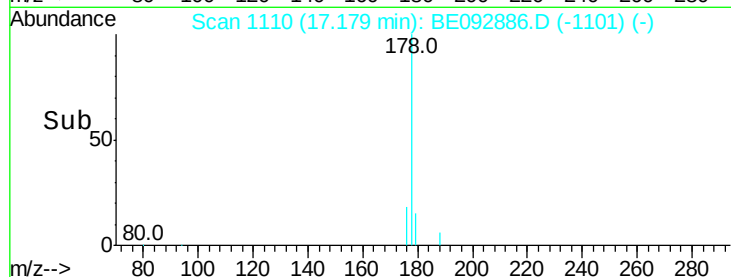
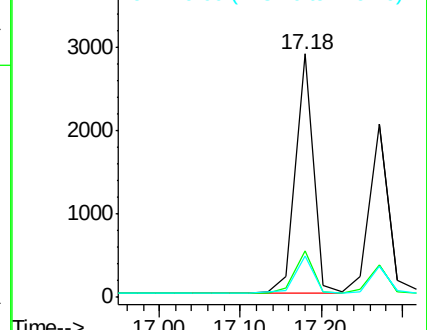
179 16.0 16.0 24.0#



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: BE092886.D

Acq: 4 Apr 2017 15:58

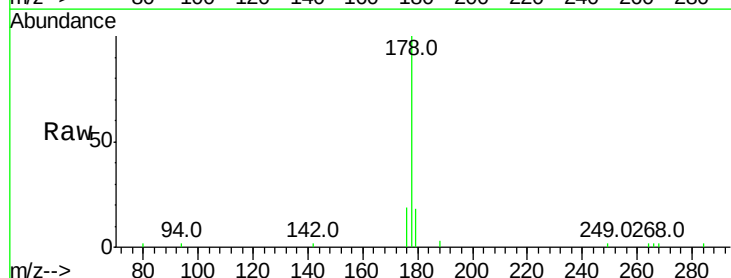
Tgt Ion:178 Resp: 3337

Ion Ratio Lower Upper

178 100

176 18.0 15.0 22.4

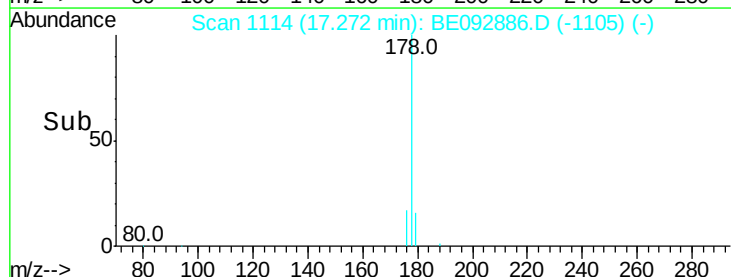
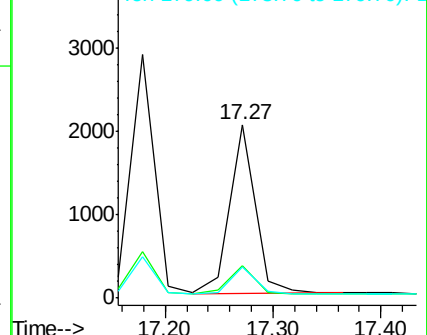
179 15.8 12.2 18.2

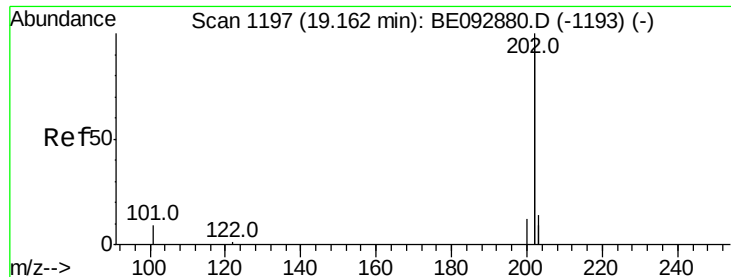


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#23

Fluoranthene

Concen: 0.37 ng

RT: 19.16 min Scan# 1197

Delta R.T. -0.02 min

Lab File: BE092886.D

Acq: 4 Apr 2017 15:58

Instrument :

BNA_E

ClientSampleId :

ICVBE040417

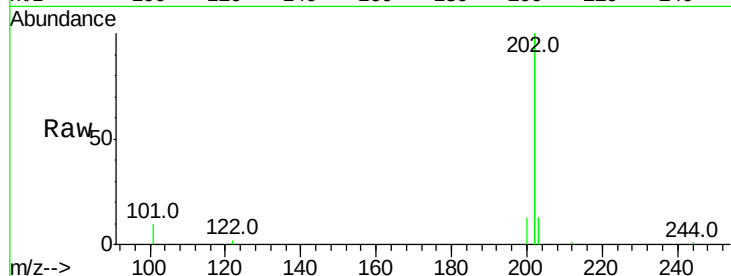
Tot Ion:202 Resp: 15424

Ion Ratio Lower Upper

202 100

101 3.2 2.2 3.4

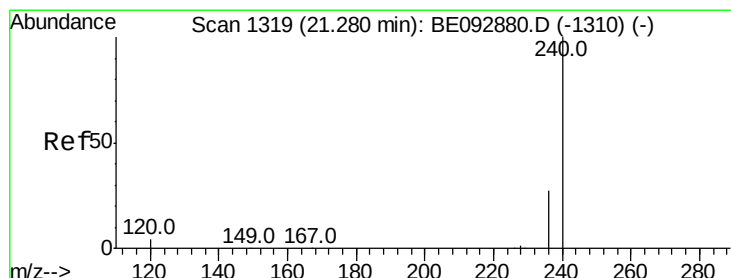
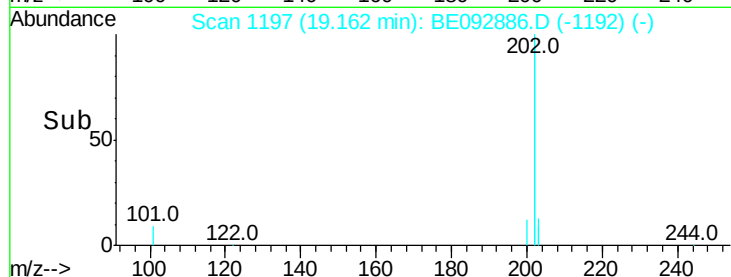
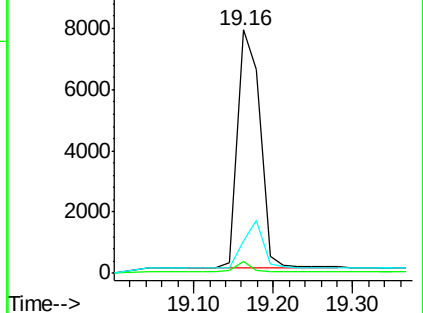
203 17.3 13.7 20.5



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. -0.02 min

Lab File: BE092886.D

Acq: 4 Apr 2017 15:58

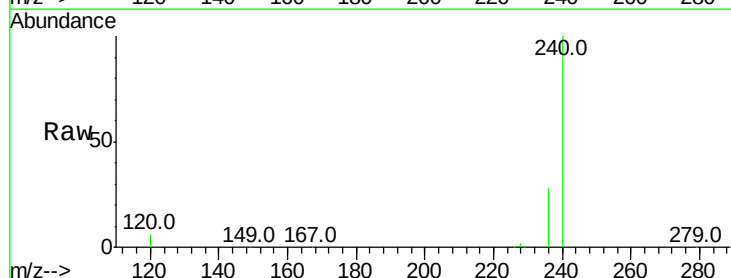
Tgt Ion:240 Resp: 48715

Ion Ratio Lower Upper

240 100

120 5.6 2.6 4.0#

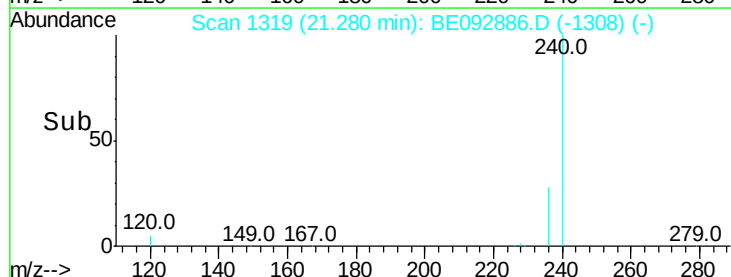
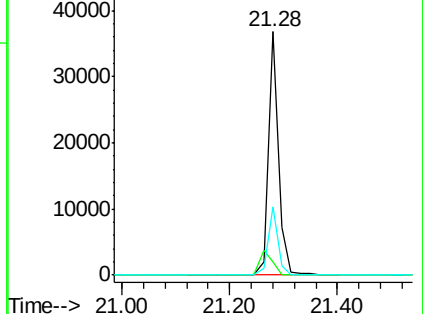
236 28.2 24.6 37.0

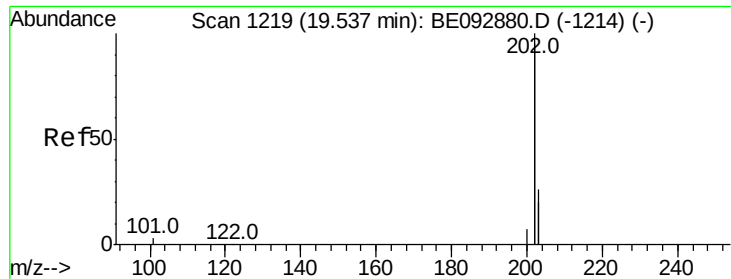


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

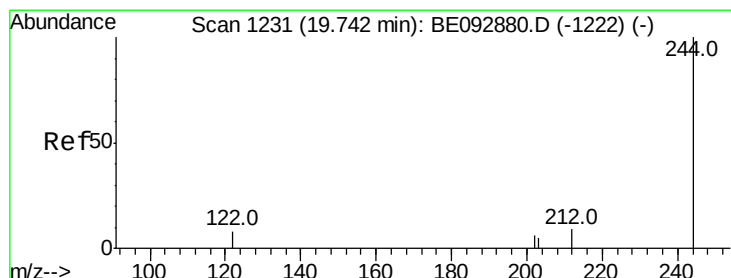
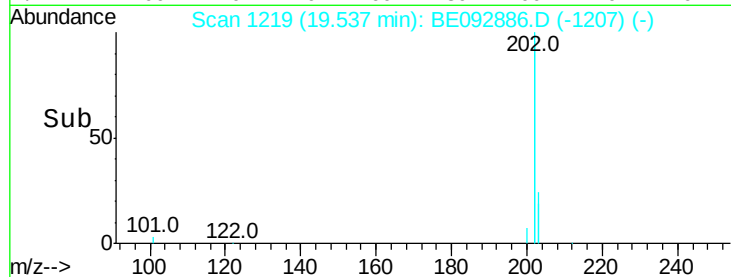
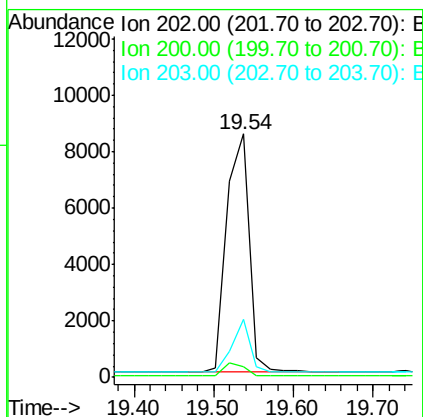
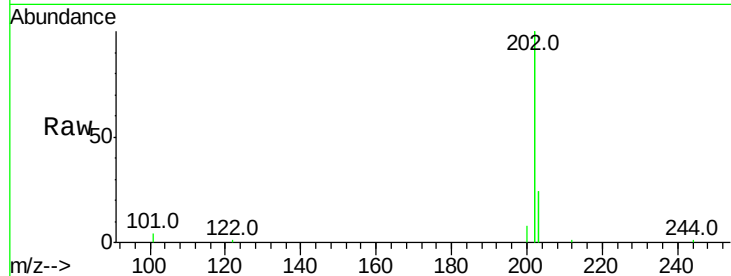




#25
Pvrene
Concen: 0.38 ng
RT: 19.54 min Scan# 1219
Delta R.T. -0.00 min
Lab File: BE092886.D
Acq: 4 Apr 2017 15:58

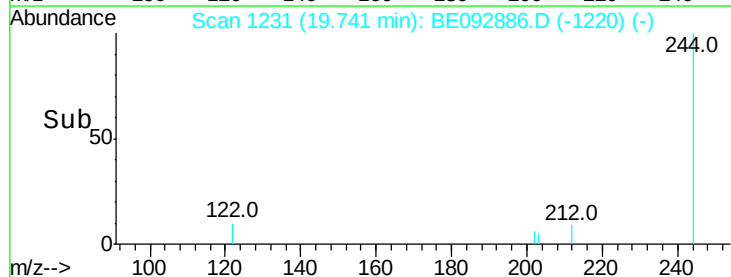
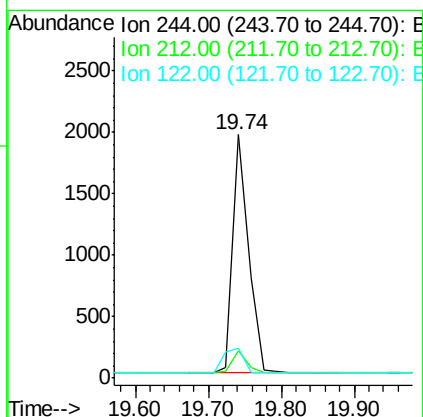
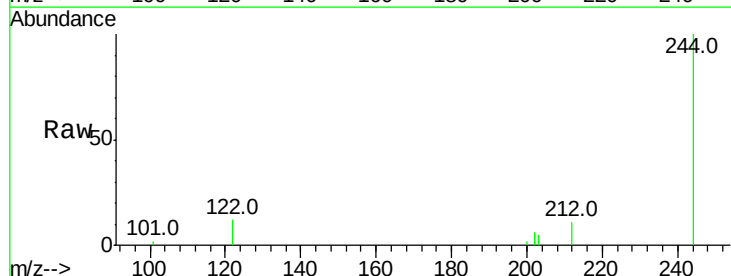
Instrument :
BNA_E
ClientSampleId :
ICVBE040417

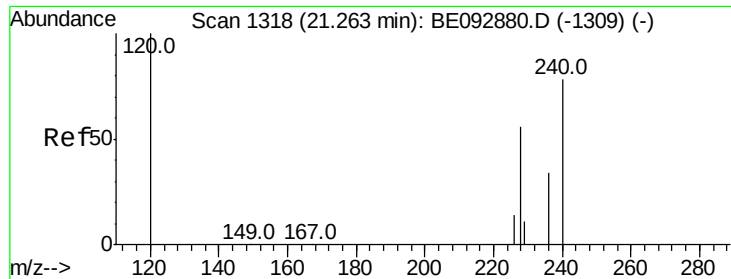
Tot Ion:202 Resp: 16544
Ion Ratio Lower Upper
202 100
200 5.0 4.2 6.4
203 17.6 13.9 20.9



#26
Terphenyl-d14
Concen: 0.38 ng
RT: 19.74 min Scan# 1231
Delta R.T. -0.02 min
Lab File: BE092886.D
Acq: 4 Apr 2017 15:58

Tgt Ion:244 Resp: 2880
Ion Ratio Lower Upper
244 100
212 11.0 6.7 10.1#
122 12.2 3.6 5.4#





#27

Benzo(a)anthracene

Concen: 0.35 ng

RT: 21.26 min Scan# 1318

Delta R.T. -0.00 min

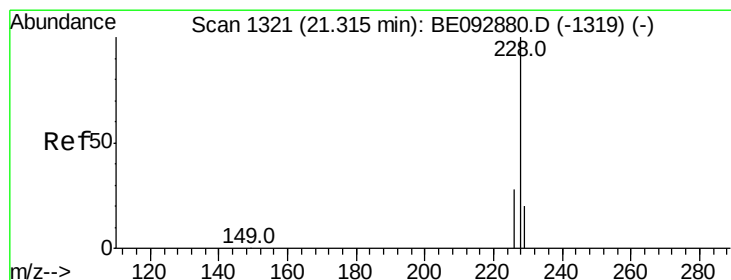
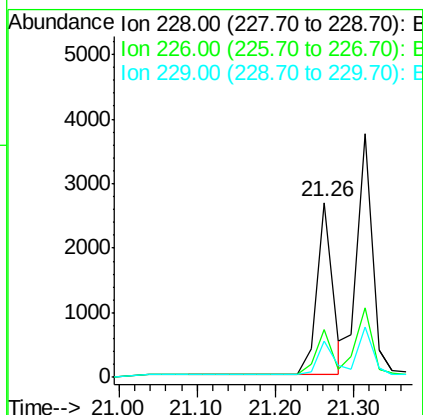
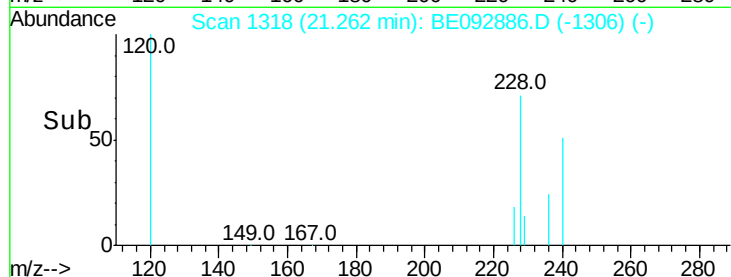
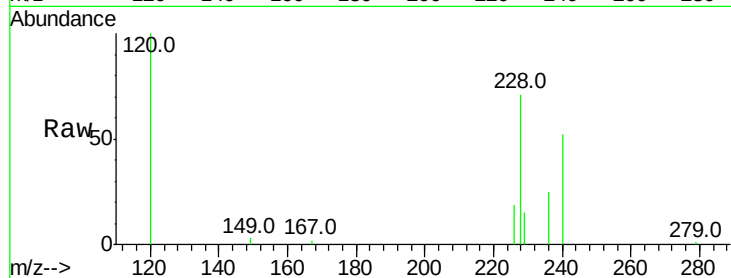
Lab File: BE092886.D

Acq: 4 Apr 2017 15:58

Instrument :
BNA_E
ClientSampleId :
ICVBE040417

Tot Ion:228 Resp: 3705

Ion	Ratio	Lower	Upper
228	100		
226	27.1	23.6	35.4
229	20.6	13.3	19.9#



#28

Chrysene

Concen: 0.41 ng

RT: 21.31 min Scan# 1321

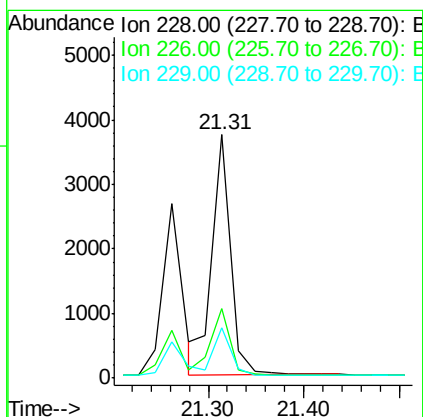
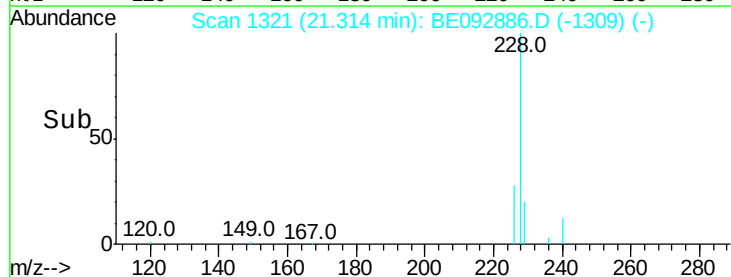
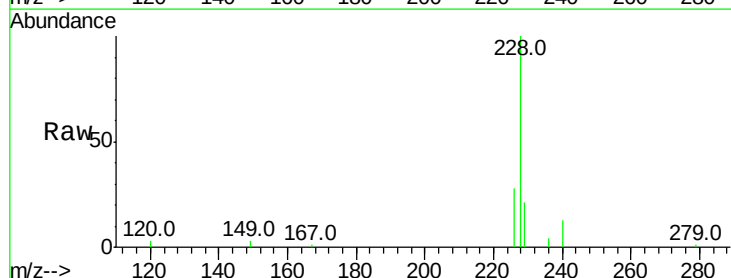
Delta R.T. 0.00 min

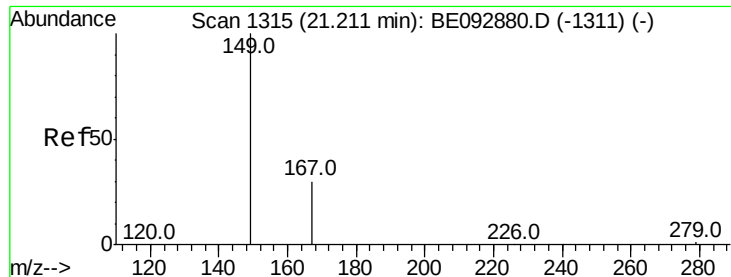
Lab File: BE092886.D

Acq: 4 Apr 2017 15:58

Tgt Ion:228 Resp: 4999

Ion	Ratio	Lower	Upper
228	100		
226	28.3	36.3	54.5#
229	20.8	10.6	16.0#





#29

Bis(2-ethylhexyl)phthalate

Concen: 0.44 ng

RT: 21.21 min Scan# 1315

Delta R.T. -0.02 min

Lab File: BE092886.D

Acq: 4 Apr 2017 15:58

Instrument :

BNA_E

ClientSampleId :

ICVBE040417

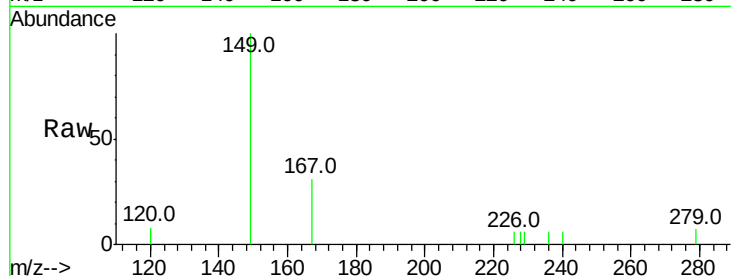
Tot Ion:149 Resp: 869

Ion Ratio Lower Upper

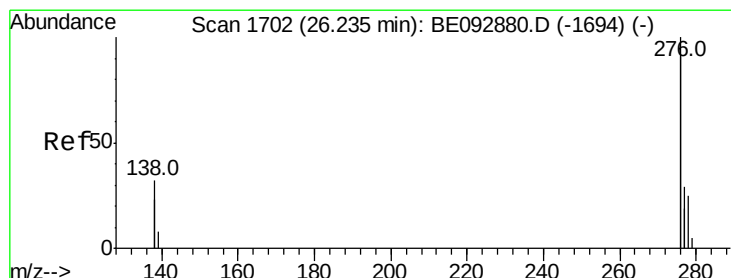
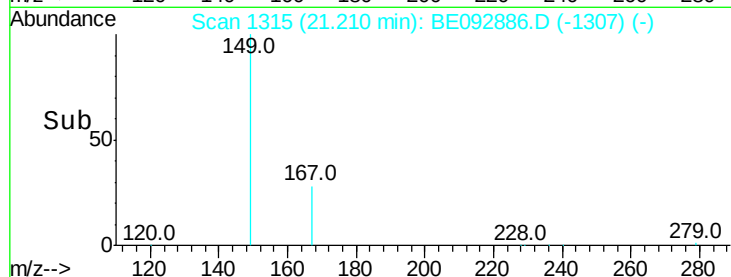
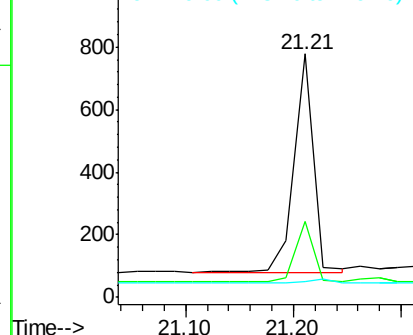
149 100

167 26.4 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: 0.36 ng

RT: 26.24 min Scan# 1702

Delta R.T. -0.02 min

Lab File: BE092886.D

Acq: 4 Apr 2017 15:58

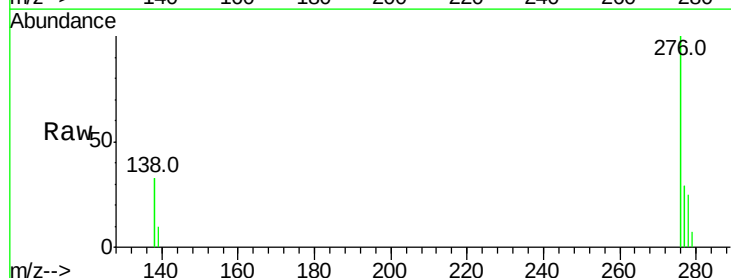
Tgt Ion:276 Resp: 14460

Ion Ratio Lower Upper

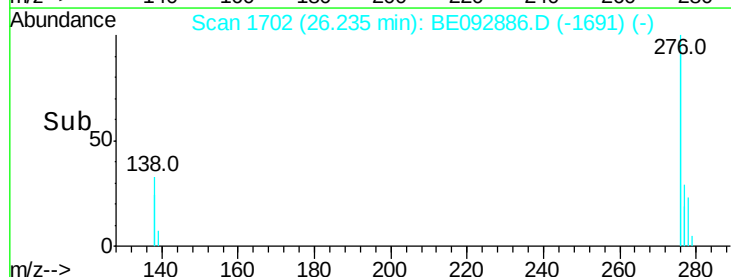
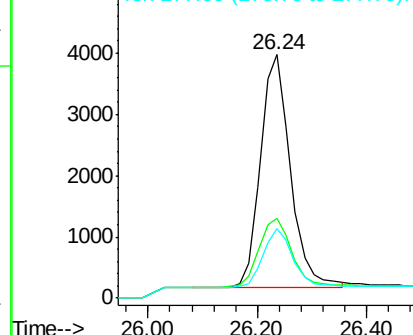
276 100

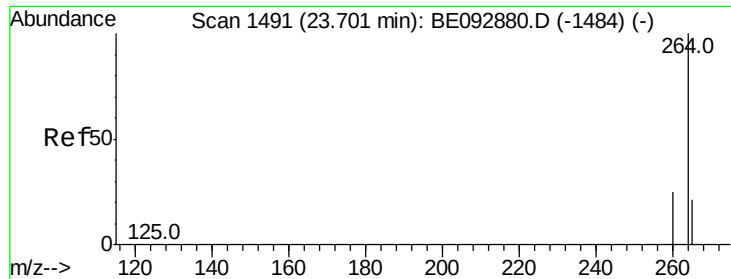
138 31.8 20.3 30.5#

277 25.0 19.7 29.5



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

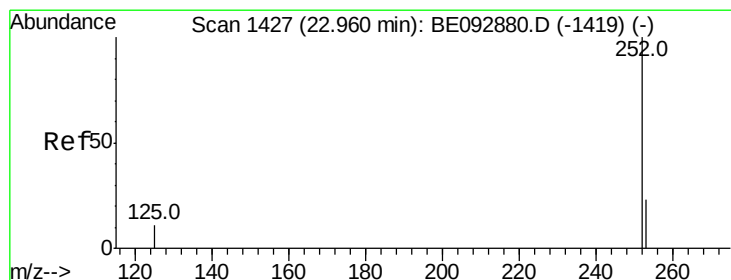
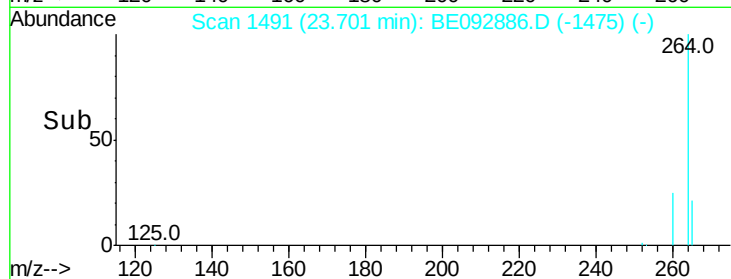
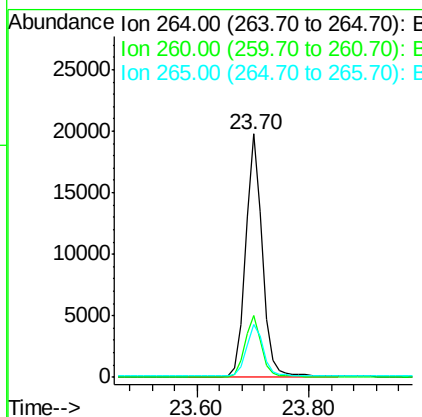
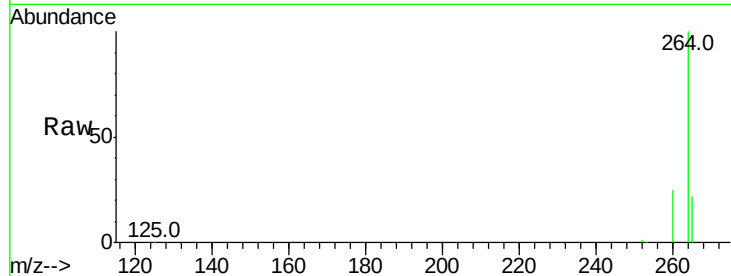




#31
 Pervlene-d12
 Concen: 5.00 ng
 RT: 23.70 min Scan# 1491
 Delta R.T. -0.01 min
 Lab File: BE092886.D
 Acq: 4 Apr 2017 15:58

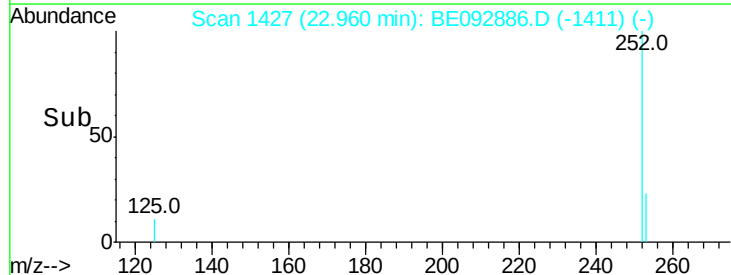
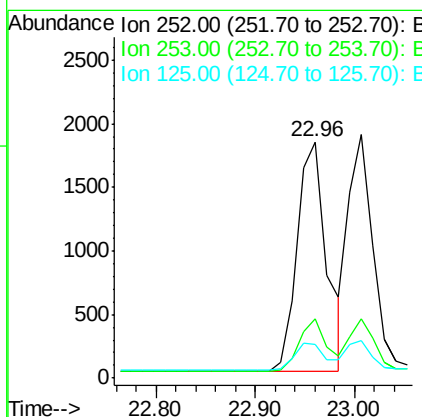
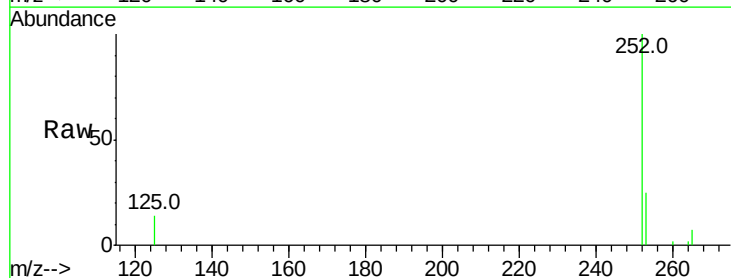
Instrument :
 BNA_E
 ClientSampleId :
 ICVBE040417

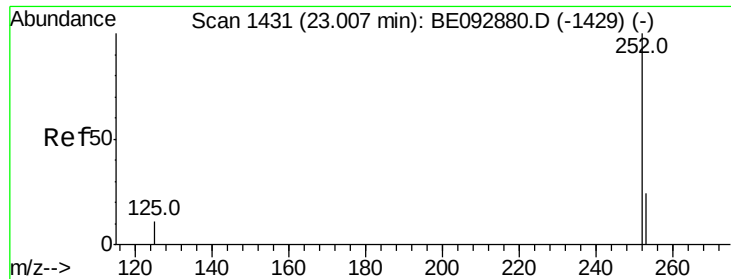
Tot Ion:264 Resp: 41005
 Ion Ratio Lower Upper
 264 100
 260 25.2 20.1 30.1
 265 21.6 17.9 26.9



#32
 Benzo(b)fluoranthene
 Concen: 0.37 ng
 RT: 22.96 min Scan# 1427
 Delta R.T. -0.01 min
 Lab File: BE092886.D
 Acq: 4 Apr 2017 15:58

Tgt Ion:252 Resp: 3741
 Ion Ratio Lower Upper
 252 100
 253 25.0 18.7 28.1
 125 14.1 10.5 15.7





#33

Benzo(k)fluoranthene

Concen: 0.36 ng m

RT: 23.01 min Scan# 1431

Delta R.T. -0.01 min

Lab File: BE092886.D

Acq: 4 Apr 2017 15:58

Instrument :

BNA_E

ClientSampleId :

ICVBE040417

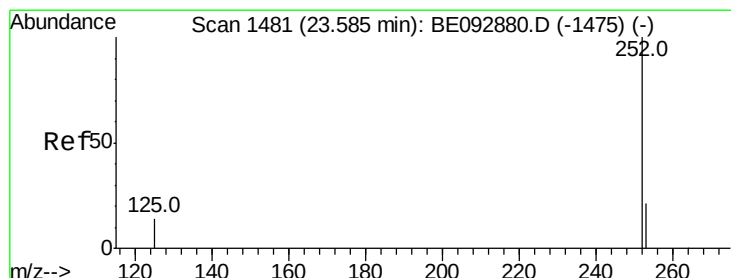
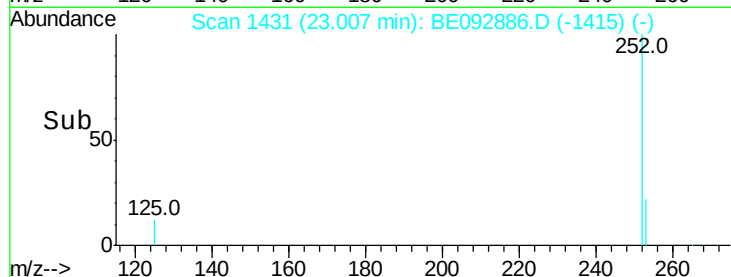
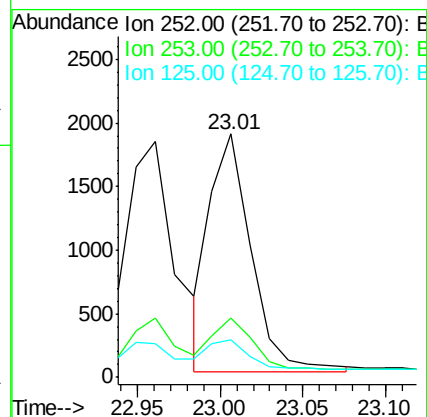
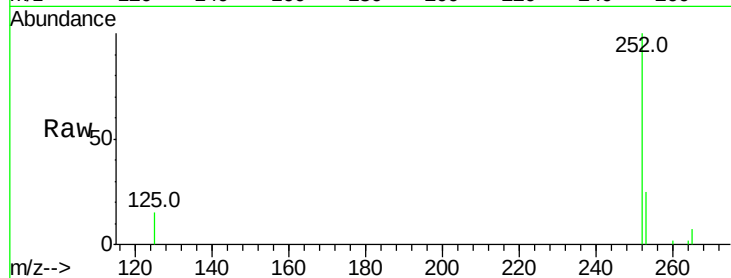
Tot Ion:252 Resp: 3326

Ion Ratio Lower Upper

252 100

253 24.6 20.3 30.5

125 15.4 9.6 14.4#



#34

Benzo(a)pyrene

Concen: 0.35 ng

RT: 23.59 min Scan# 1481

Delta R.T. -0.01 min

Lab File: BE092886.D

Acq: 4 Apr 2017 15:58

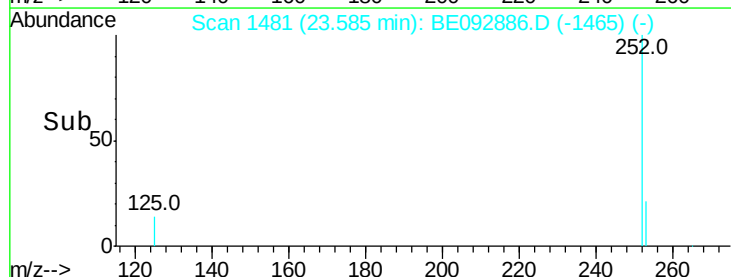
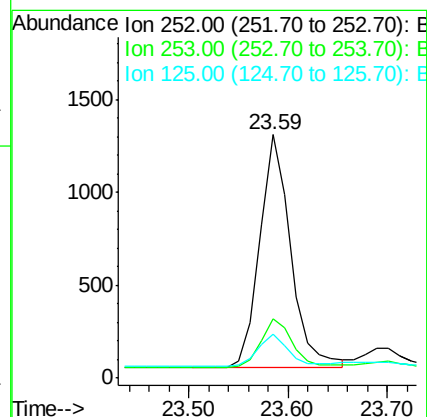
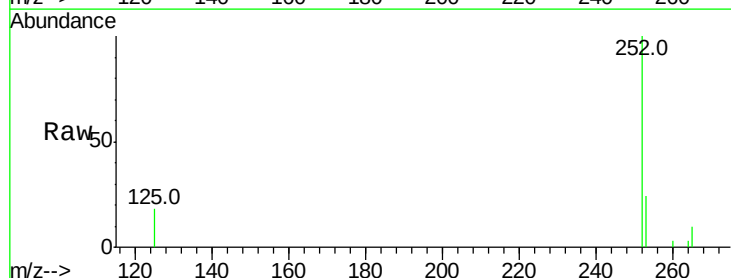
Tgt Ion:252 Resp: 2725

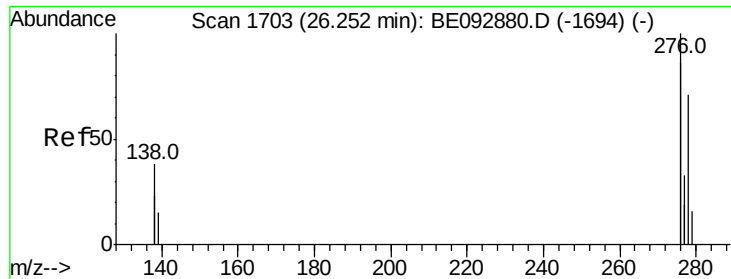
Ion Ratio Lower Upper

252 100

253 24.2 19.0 28.6

125 18.0 11.8 17.8#





#35

Dibenzo(a,h)anthracene

Concen: 0.36 ng

RT: 26.25 min Scan# 1703

Delta R.T. -0.03 min

Lab File: BE092886.D

Acq: 4 Apr 2017 15:58

Instrument :

BNA_E

ClientSampleId :

ICVBE040417

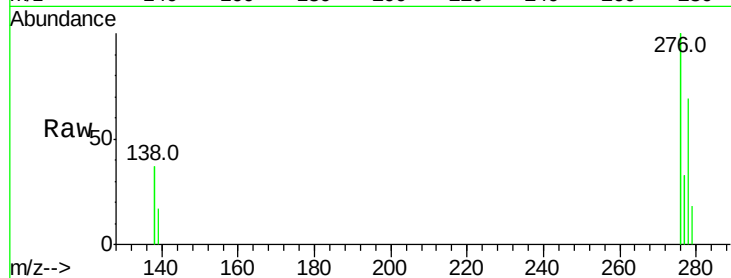
Tot Ion:278 Resp: 3215

Ion Ratio Lower Upper

278 100

139 25.0 13.8 20.8#

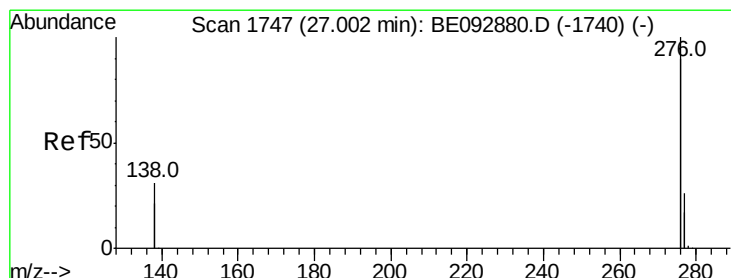
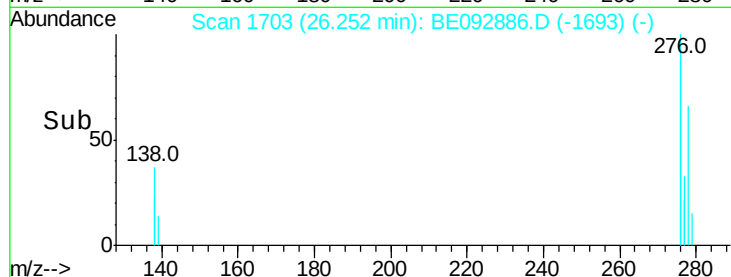
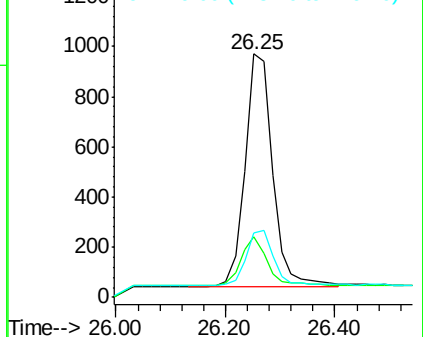
279 26.7 21.4 32.2



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: 0.37 ng

RT: 27.00 min Scan# 1747

Delta R.T. -0.02 min

Lab File: BE092886.D

Acq: 4 Apr 2017 15:58

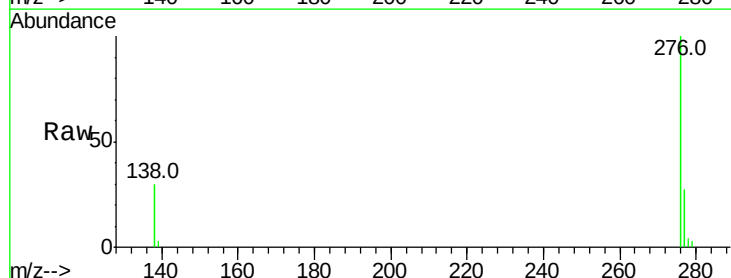
Tgt Ion:276 Resp: 13542

Ion Ratio Lower Upper

276 100

277 26.6 19.8 29.8

138 29.8 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

