

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072716\
 Data File : BE092068.D
 Acq On : 28 Jul 2016 5:42
 Operator : UM/SJ
 Sample : H4107-01MS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 TILCON-MH-SF-004MS

Quant Time: Jul 28 06:50:06 2016
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE072716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 27 17:13:26 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	9724	5.00	ng	-0.02
8) Naphthalene-d8	10.99	136	49750	5.00	ng	0.00
15) Acenaphthene-d10	14.86	164	25574	5.00	ng	0.00
24) Phenanthrene-d10	17.58	188	96660	5.00	ng	0.00
31) Chrysene-d12	21.76	240	115276	5.00	ng	0.00
40) Perylene-d12	24.15	264	124177	5.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.70	112	21880	10.10	ng	-0.02
5) Phenol-d6	7.35	99	32268	11.16	ng	0.00
9) Nitrobenzene-d5	9.35	82	16733	4.51	ng	-0.02
16) 2,4,6-Tribromophenol	16.33	330	12151	10.14	ng	-0.02
17) 2-Fluorobiphenyl	13.47	172	41353	4.04	ng	0.00
34) Terphenyl-d14	20.20	244	108860	5.07	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.45	88	3352	2.51	ng	# 78
3) n-Nitrosodimethylamine	3.78	42	7103	4.46	ng	# 96
6) bis(2-Chloroethyl)ether	7.59	93	11775	4.21	ng	97
7) n-Nitroso-di-n-propylamine	8.98	70	10679	4.62	ng	99
10) Nitrobenzene	9.38	77	15136	4.21	ng	99
11) bis(2-Chloroethoxy)methane	10.40	93	18179	4.38	ng	99
12) Naphthalene	11.04	128	39810	3.65	ng	95
13) Hexachlorobutadiene	11.32	225	5754	3.52	ng	# 100
14) 2-Methylnaphthalene	12.66	142	30608	4.35	ng	96
18) Acenaphthylene	14.56	152	260463	3.93	ng	97
19) 2,6-Dinitrotoluene	14.44	165	34834	4.14	ng	# 100
20) Acenaphthene	14.92	154	25657	3.67	ng	# 1
21) 2,4-Dinitrotoluene	15.22	165	59249	4.33	ng	# 1
22) Fluorene	15.88	166	48853	4.45	ng	99
23) 4-Chlorophenyl-phenylether	15.88	204	20691	3.84	ng	95
25) 4-Bromophenyl-phenylether	16.78	248	13812	3.47	ng	98
26) Hexachlorobenzene	16.90	284	14752	3.58	ng	99
27) Pentachlorophenol	17.23	266	14884	7.85	ng	# 82
28) Phenanthrene	17.63	178	97006	3.95	ng	99
29) Anthracene	17.71	178	92139	4.12	ng	100
30) Fluoranthene	19.63	202	608801	5.57	ng	100
32) Benzidine	20.20	184	1354	0.31	ng	94
33) Pyrene	19.99	202	633851	4.27	ng	97
35) Benzo(a)anthracene	21.73	228	355633	7.42	ng	96
36) 3,3'-Dichlorobenzidine	21.67	252	41557	2.89	ng	# 82
37) Chrysene	21.73	228	357176	10.84	ng	97
38) Bis(2-ethylhexyl)phthalate	21.64	149	606081	5.46	ng	# 97
39) Indeno(1,2,3-cd)pyrene	26.65	276	530331	3.93	ng	100
41) Benzo(b)fluoranthene	23.41	252	144454	4.36	ng	97
42) Benzo(k)fluoranthene	23.46	252	134694	3.95	ng	97
43) Benzo(a)pyrene	24.04	252	129334	4.09	ng	95
44) Dibenzo(a,h)anthracene	26.69	278	108895	3.95	ng	# 93
45) Benzo(g,h,i)perylene	27.43	276	443259	3.85	ng	96

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072716\
Data File : BE092068.D
Acq On : 28 Jul 2016 5:42
Operator : UM/SJ
Sample : H4107-01MS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
TILCON-MH-SF-004MS

Quant Time: Jul 28 06:50:06 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE072716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 27 17:13:26 2016
Response via : Initial Calibration

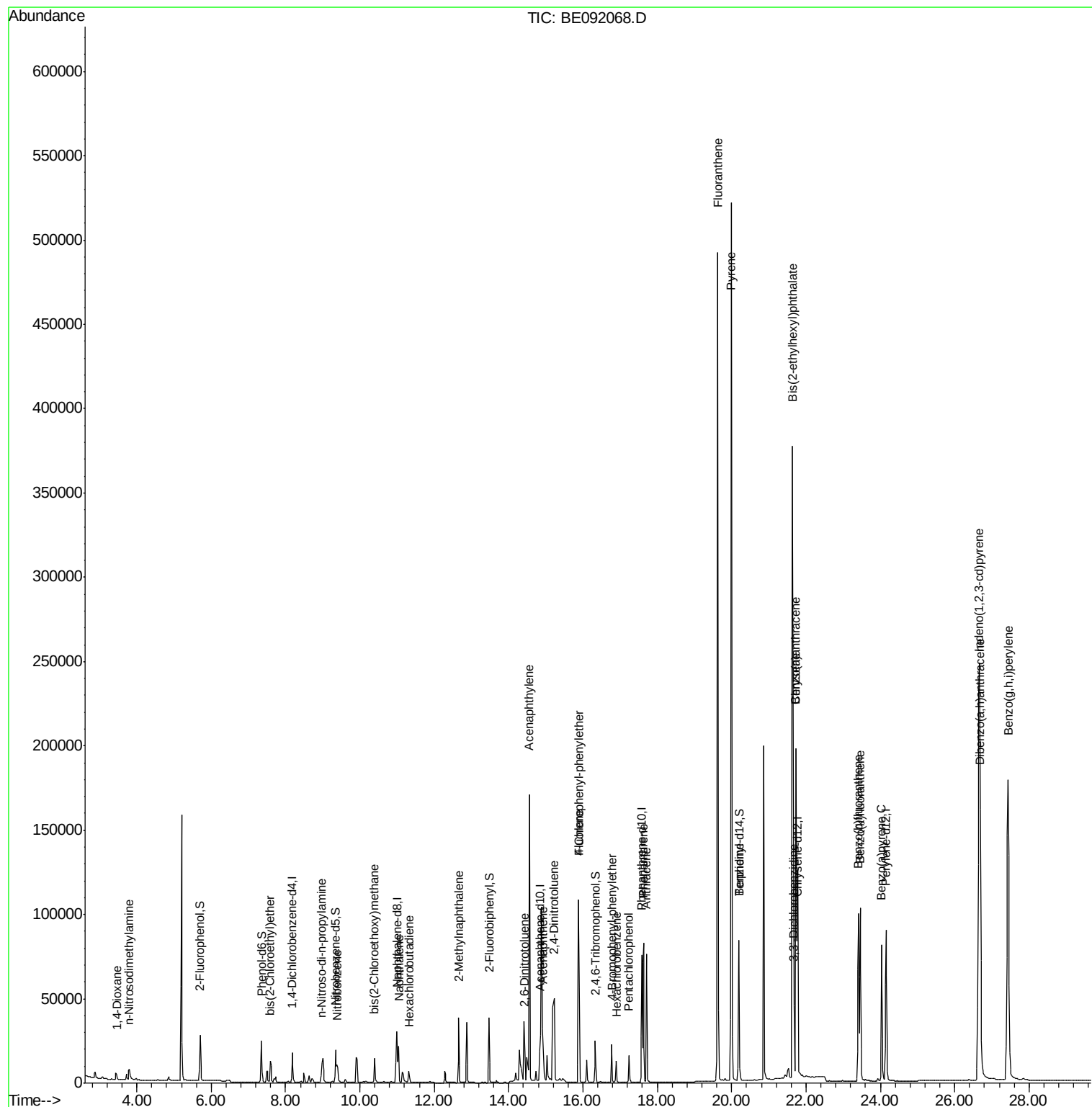
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
--------------------	------	------	----------	------	-------	----------

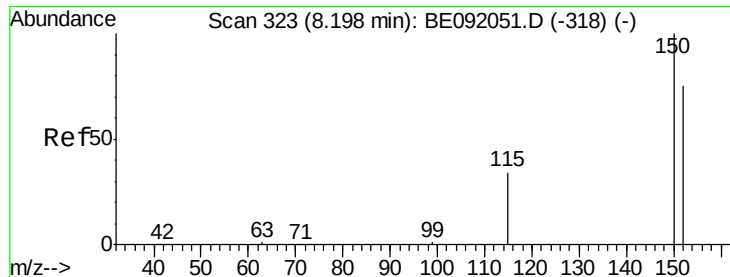
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072716\
Data File : BE092068.D
Acq On : 28 Jul 2016 5:42
Operator : UM/SJ
Sample : H4107-01MS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
TILCON-MH-SF-004MS

Quant Time: Jul 28 06:50:06 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE072716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 27 17:13:26 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.18 min Scan# 322

Delta R.T. -0.02 min

Lab File: BE092068.D

Acq: 28 Jul 2016 5:42

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-SF-004MS

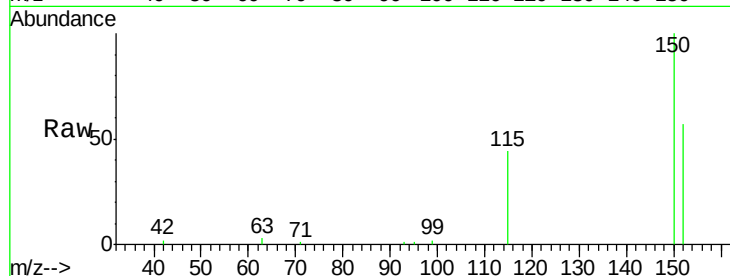
Tgt Ion: 152 Resp: 9724

Ion Ratio Lower Upper

152 100

150 174.8 106.0 159.0#

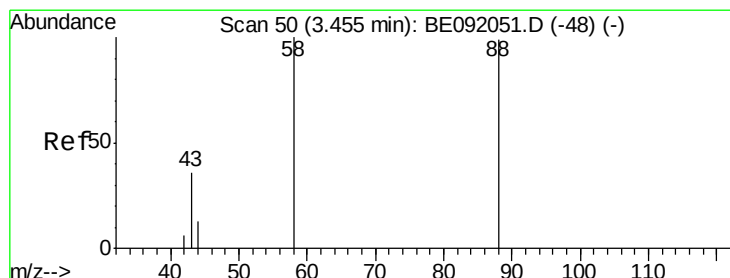
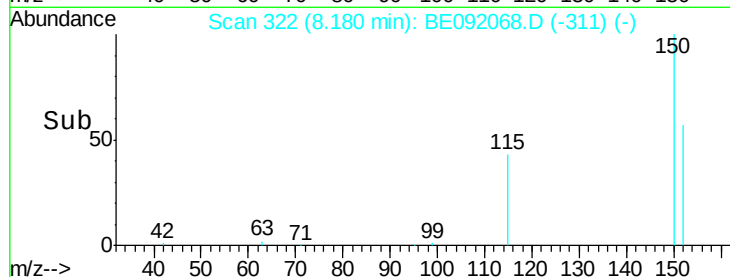
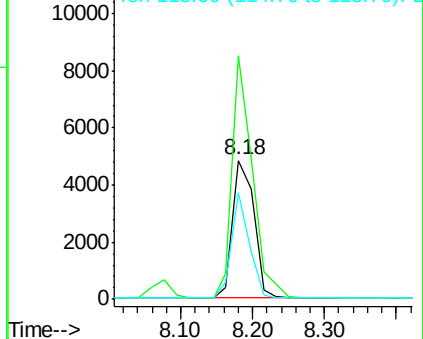
115 76.8 36.9 55.3#



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: 2.51 ng

RT: 3.45 min Scan# 50

Delta R.T. -0.00 min

Lab File: BE092068.D

Acq: 28 Jul 2016 5:42

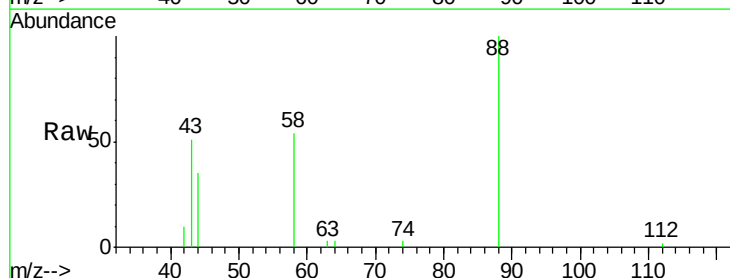
Tgt Ion: 88 Resp: 3352

Ion Ratio Lower Upper

88 100

58 95.5 62.1 93.1#

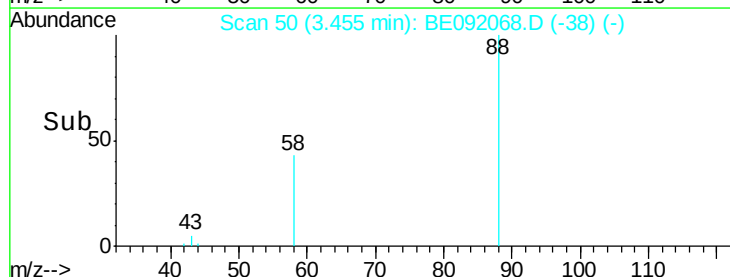
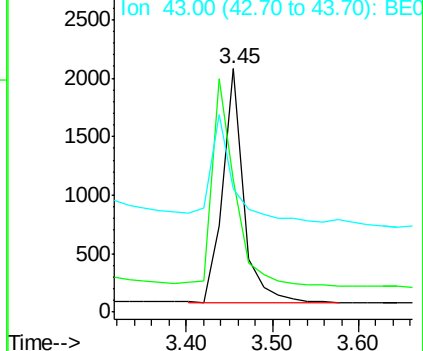
43 47.6 27.2 40.8#

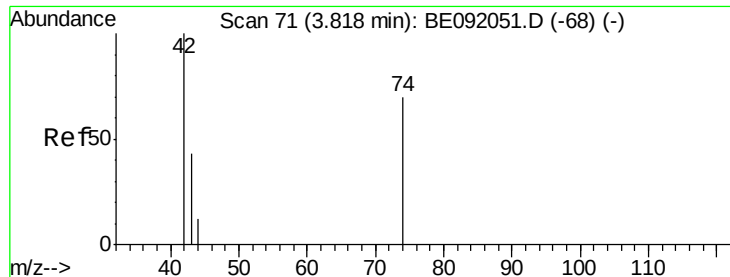


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 4.46 ng

RT: 3.78 min Scan# 69

Delta R.T. -0.03 min

Lab File: BE092068.D

Acq: 28 Jul 2016 5:42

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-SF-004MS

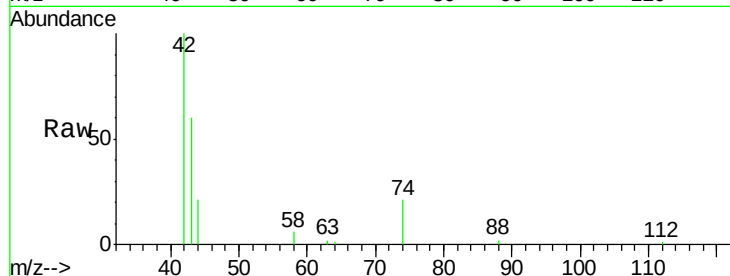
Tgt Ion: 42 Resp: 7103

Ion Ratio Lower Upper

42 100

74 100.0 82.8 124.2

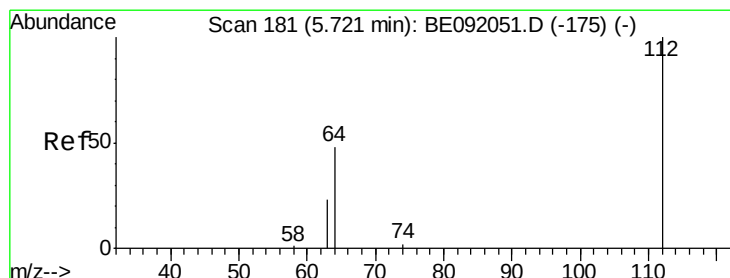
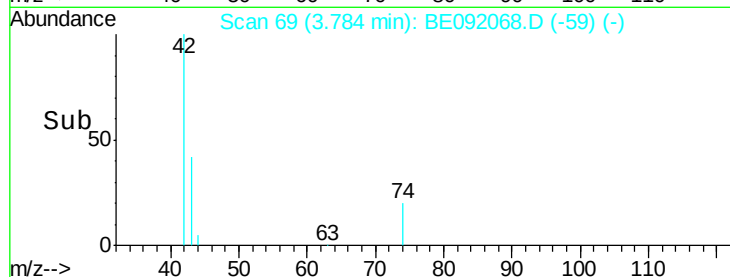
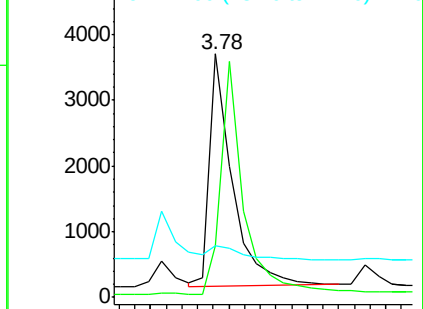
44 8.6 9.0 13.4#



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: 10.10 ng

RT: 5.70 min Scan# 180

Delta R.T. -0.02 min

Lab File: BE092068.D

Acq: 28 Jul 2016 5:42

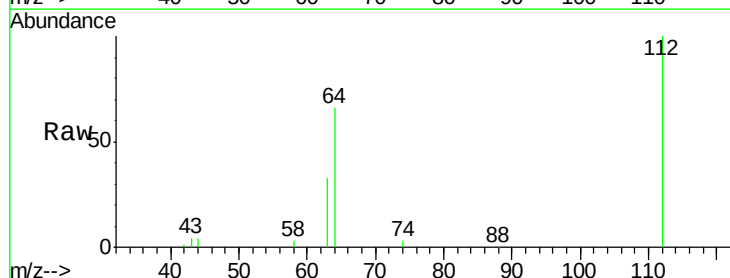
Tgt Ion: 112 Resp: 21880

Ion Ratio Lower Upper

112 100

64 67.1 55.9 83.9

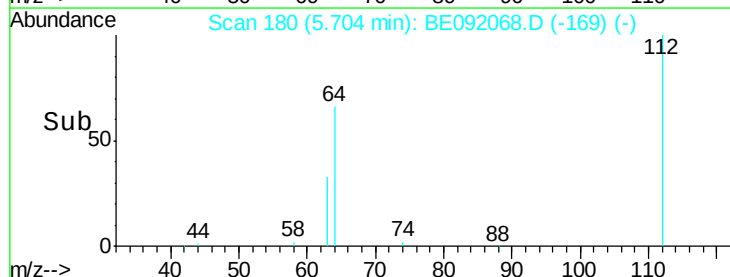
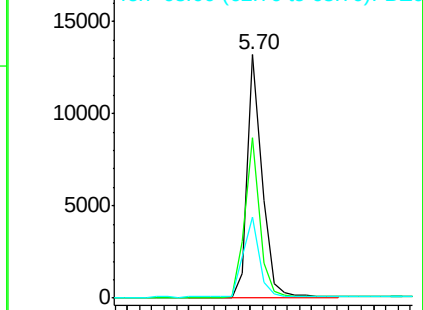
63 36.2 31.1 46.7

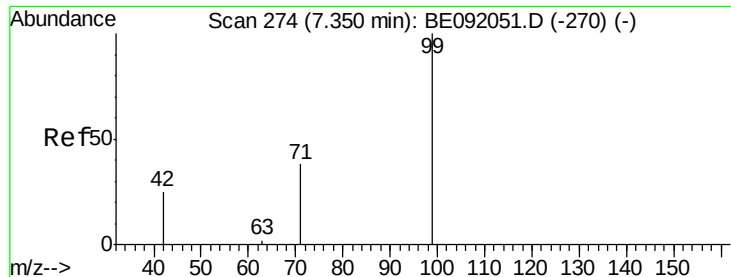


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 11.16 ng

RT: 7.35 min Scan# 274

Delta R.T. 0.00 min

Lab File: BE092068.D

Acq: 28 Jul 2016 5:42

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-SF-004MS

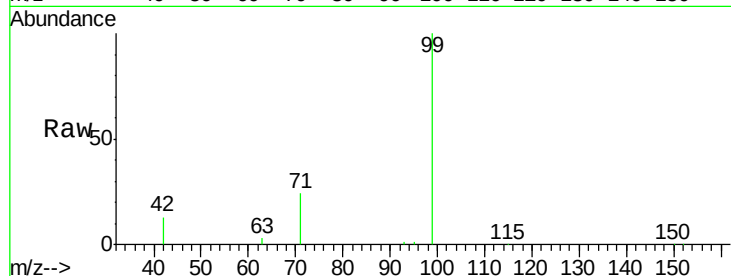
Tgt Ion: 99 Resp: 32268

Ion Ratio Lower Upper

99 100

42 26.7 22.4 33.6

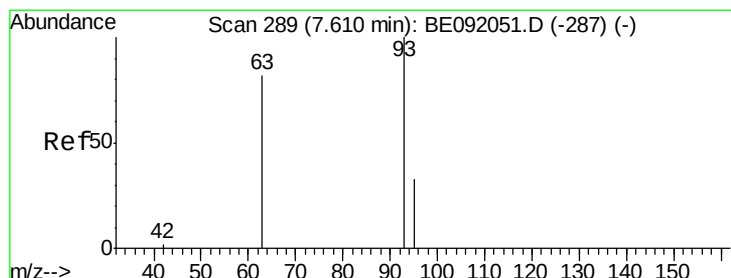
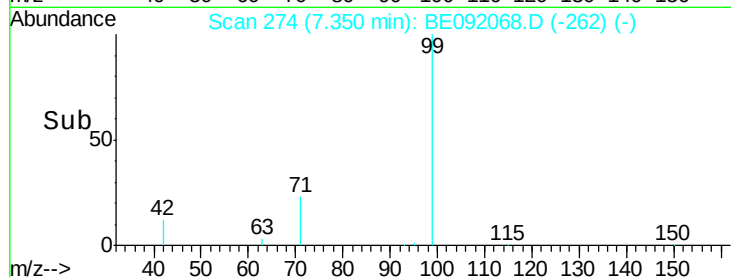
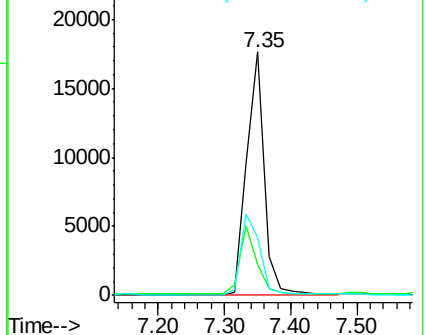
71 35.9 28.9 43.3



Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



#6

bis(2-Chloroethyl)ether

Concen: 4.21 ng

RT: 7.59 min Scan# 288

Delta R.T. -0.02 min

Lab File: BE092068.D

Acq: 28 Jul 2016 5:42

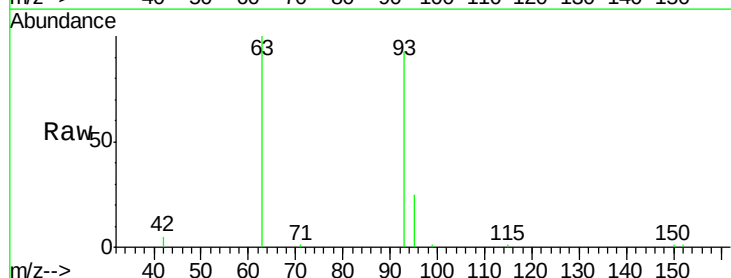
Tgt Ion: 93 Resp: 11775

Ion Ratio Lower Upper

93 100

63 84.0 64.4 96.6

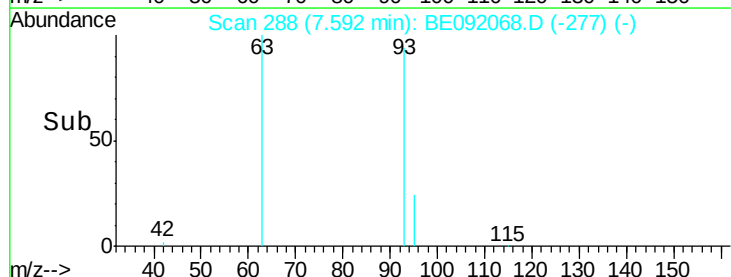
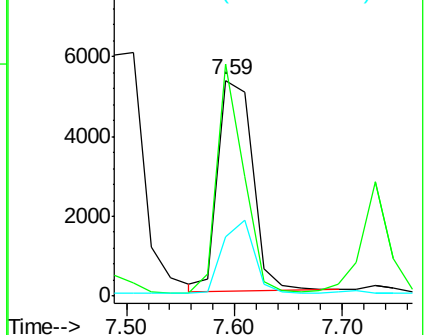
95 31.6 25.8 38.8

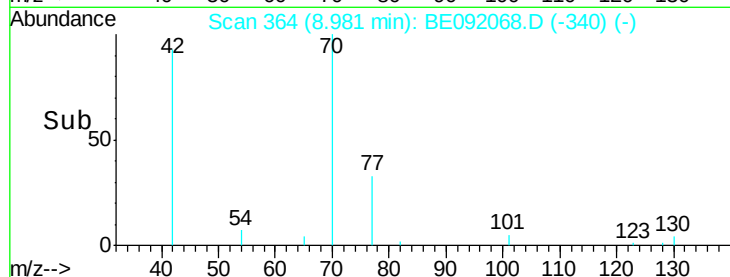
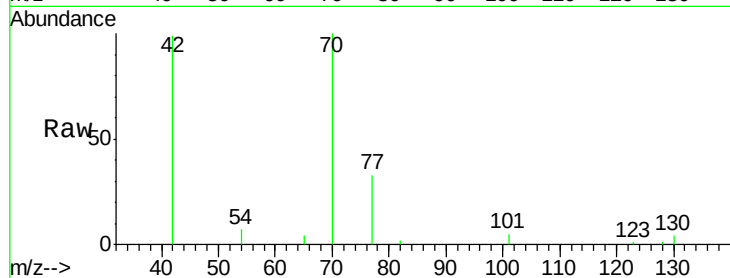
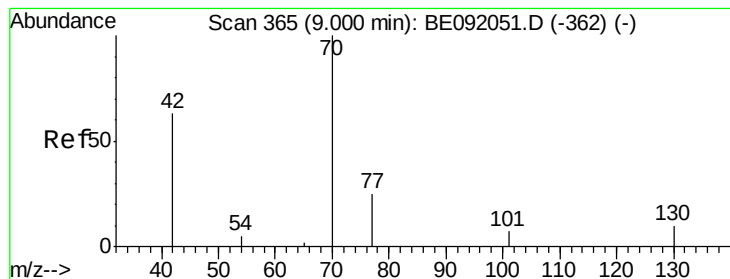


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

n-Nitroso-di-n-propylamine

Concen: 4.62 ng

RT: 8.98 min Scan# 364

Delta R.T. -0.02 min

Lab File: BE092068.D

Acq: 28 Jul 2016 5:42

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-SF-004MS

Tgt Ion: 70 Resp: 10679

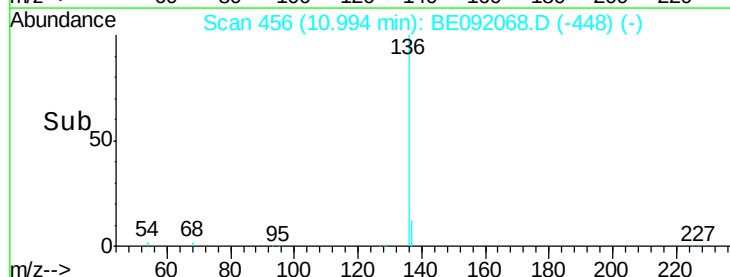
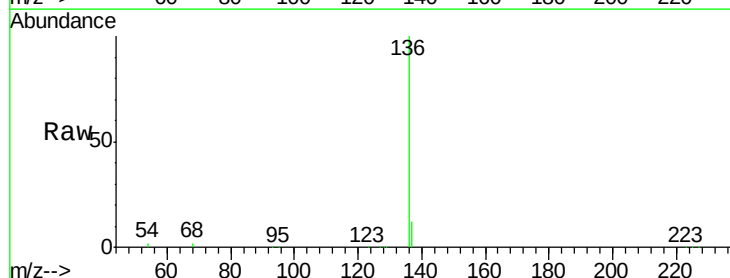
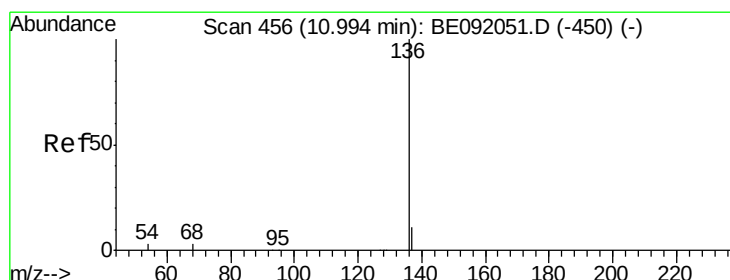
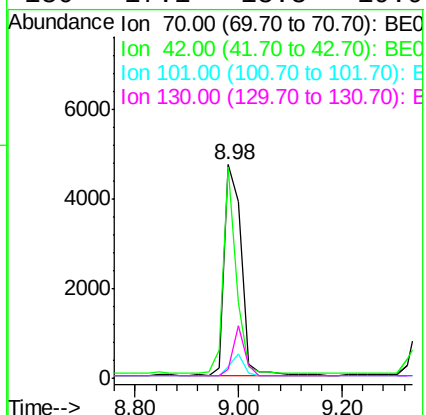
Ion Ratio Lower Upper

70 100

42 76.5 60.2 90.4

101 8.5 6.8 10.2

130 17.1 13.3 19.9



#8

Naphthalene-d8

Concen: 5.00 ng

RT: 10.99 min Scan# 456

Delta R.T. 0.00 min

Lab File: BE092068.D

Acq: 28 Jul 2016 5:42

Tgt Ion: 136 Resp: 49750

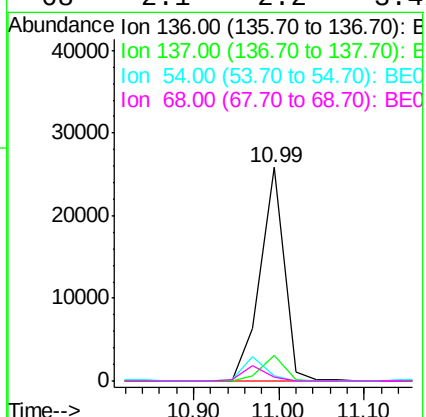
Ion Ratio Lower Upper

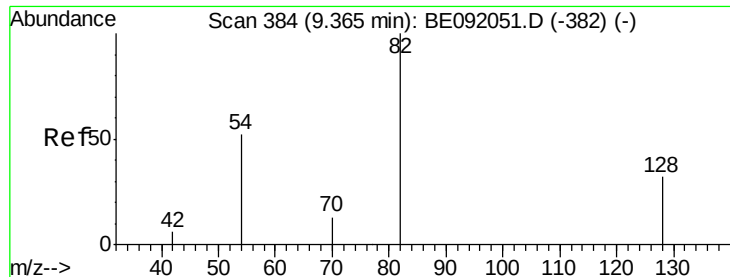
136 100

137 11.8 9.1 13.7

54 2.4 2.7 4.1#

68 2.1 2.2 3.4#





#9

Nitrobenzene-d5

Concen: 4.51 ng

RT: 9.35 min Scan# 383

Delta R.T. -0.02 min

Lab File: BE092068.D

Acq: 28 Jul 2016 5:42

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-SF-004MS

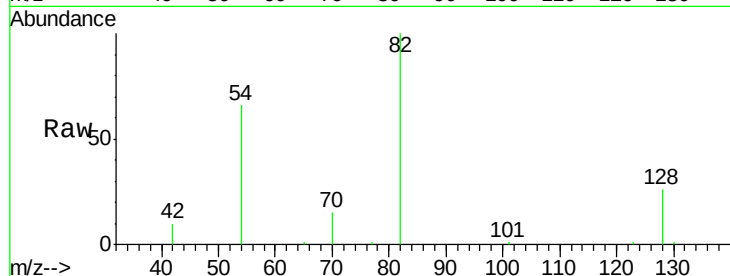
Tgt Ion: 82 Resp: 16733

Ion Ratio Lower Upper

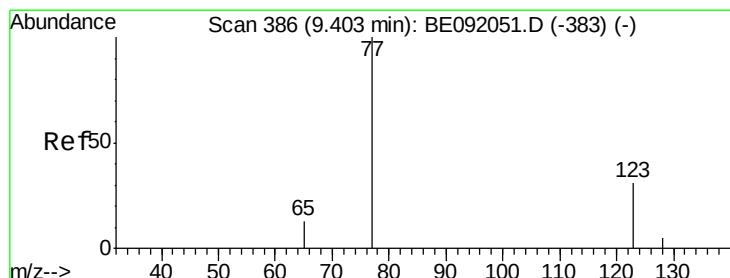
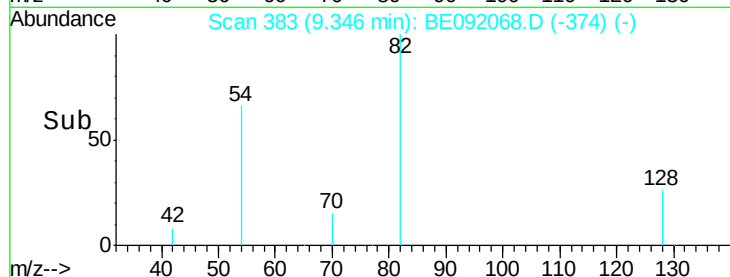
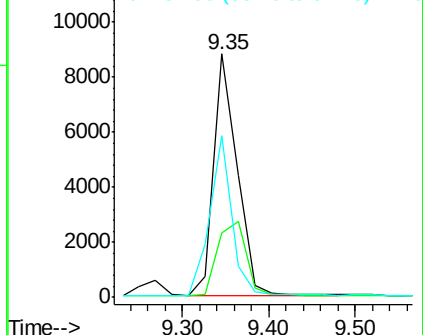
82 100

128 26.5 33.0 49.4#

54 66.4 42.6 63.8#



Abundance Ion 82.00 (81.70 to 82.70): BE0
Ion 128.00 (127.70 to 128.70): BE0
Ion 54.00 (53.70 to 54.70): BE0



#10

Nitrobenzene

Concen: 4.21 ng

RT: 9.38 min Scan# 385

Delta R.T. -0.02 min

Lab File: BE092068.D

Acq: 28 Jul 2016 5:42

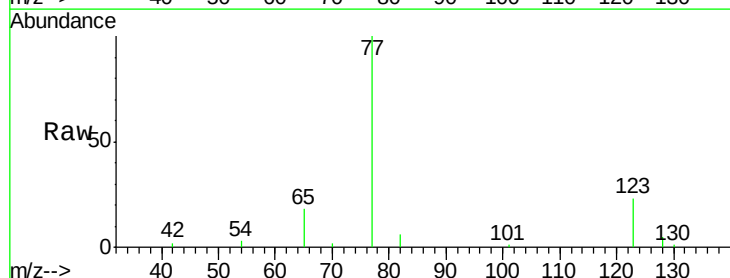
Tgt Ion: 77 Resp: 15136

Ion Ratio Lower Upper

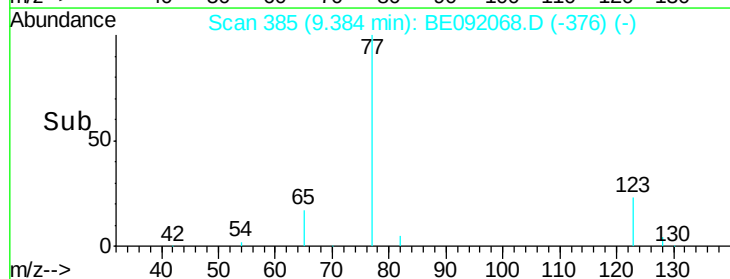
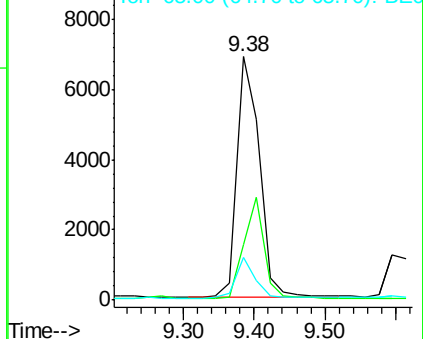
77 100

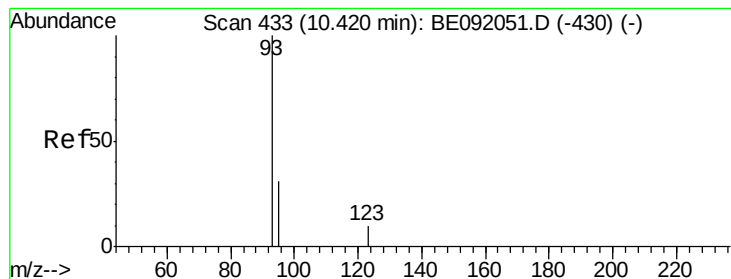
123 38.4 29.9 44.9

65 14.3 11.4 17.0



Abundance Ion 77.00 (76.70 to 77.70): BE0
Ion 123.00 (122.70 to 123.70): BE0
Ion 65.00 (64.70 to 65.70): BE0

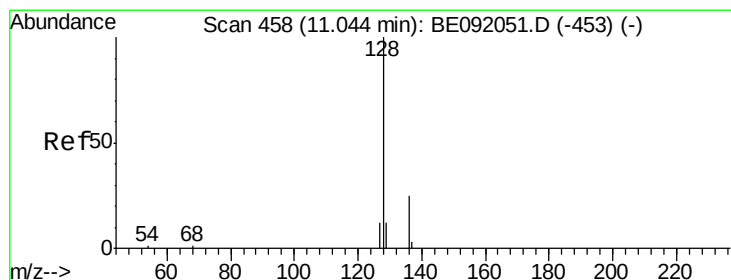
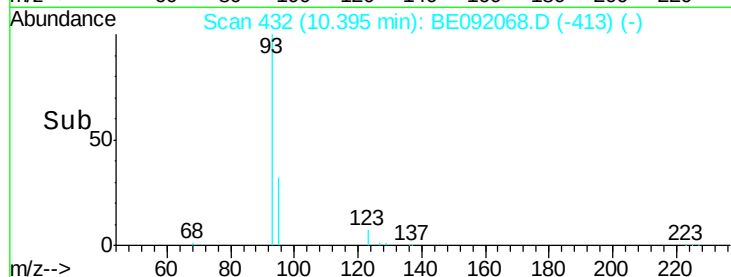
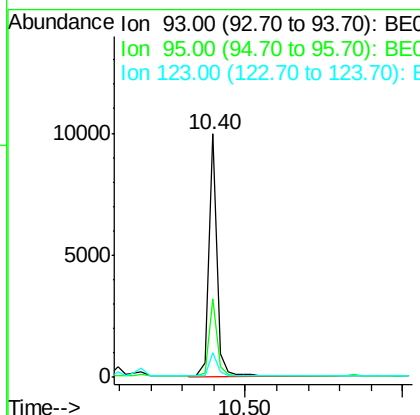
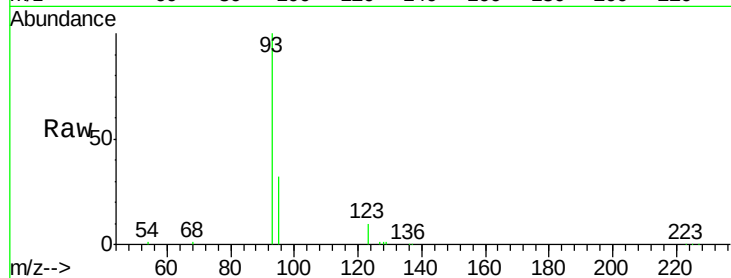




#11
 bis(2-Chloroethoxy)methane
 Concen: 4.38 ng
 RT: 10.40 min Scan# 432
 Delta R.T. -0.02 min
 Lab File: BE092068.D
 Acq: 28 Jul 2016 5:42

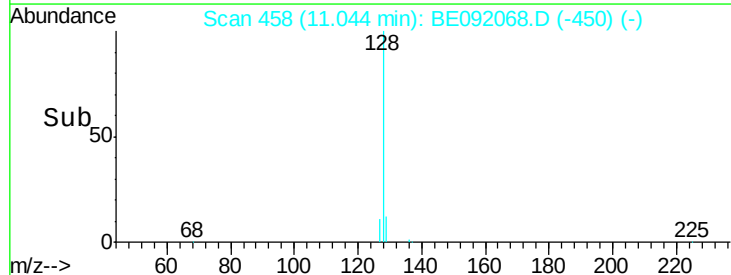
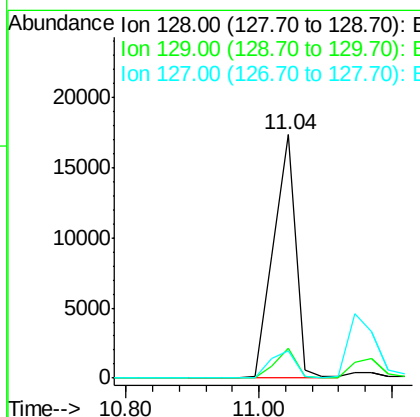
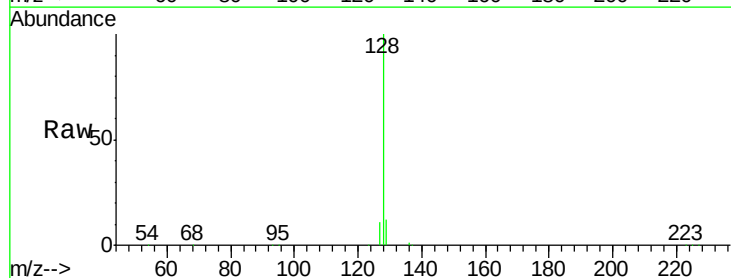
Instrument :
 BNA_E
 ClientSampleId :
 TILCON-MH-SF-004MS

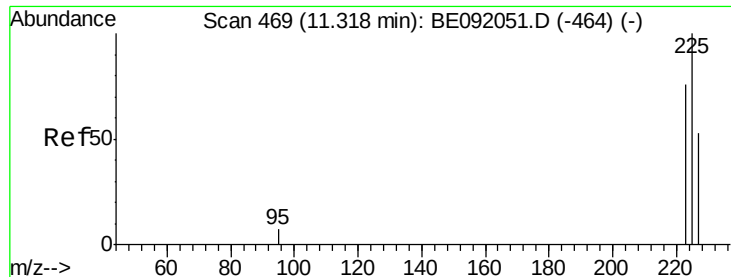
Tgt Ion: 93 Resp: 18179
 Ion Ratio Lower Upper
 93 100
 95 31.9 25.0 37.6
 123 9.5 7.8 11.8



#12
 Naphthalene
 Concen: 3.65 ng
 RT: 11.04 min Scan# 458
 Delta R.T. 0.00 min
 Lab File: BE092068.D
 Acq: 28 Jul 2016 5:42

Tgt Ion: 128 Resp: 39810
 Ion Ratio Lower Upper
 128 100
 129 12.3 11.1 16.7
 127 11.3 11.3 16.9

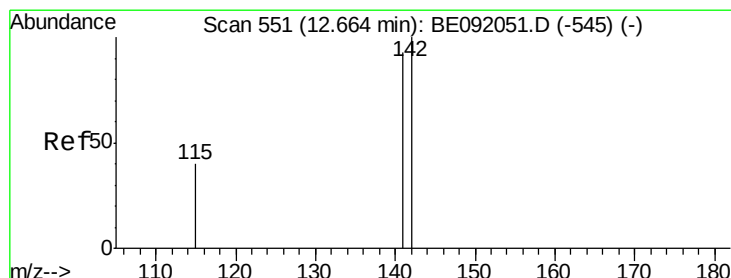
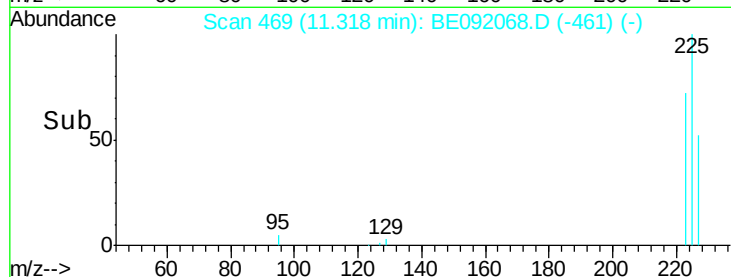
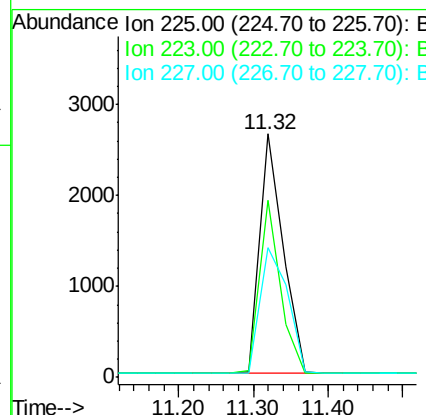
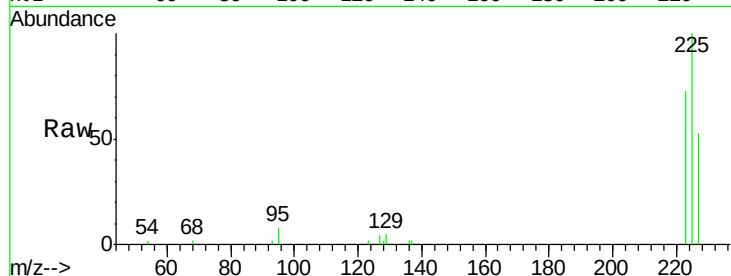




#13
Hexachlorobutadiene
Concen: 3.52 ng
RT: 11.32 min Scan# 469
Delta R.T. 0.00 min
Lab File: BE092068.D
Acq: 28 Jul 2016 5:42

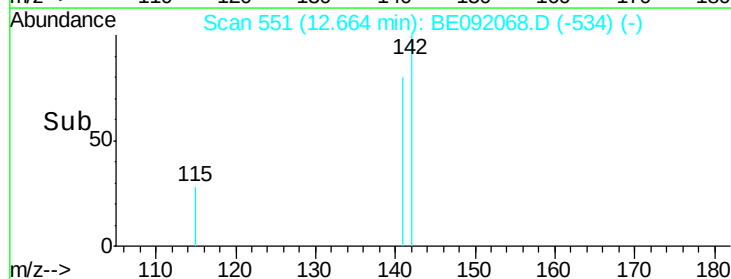
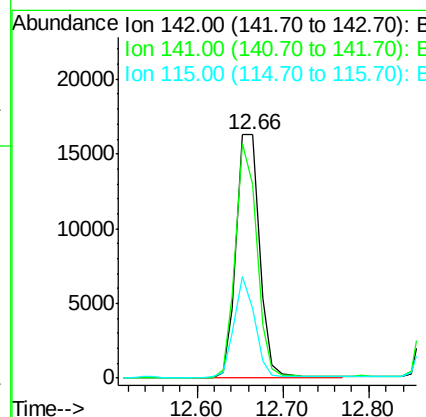
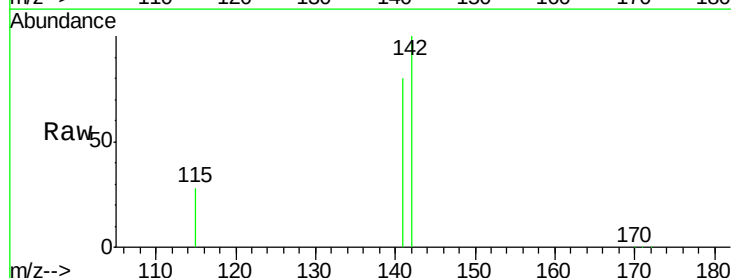
Instrument :
BNA_E
ClientSampleId :
TILCON-MH-SF-004MS

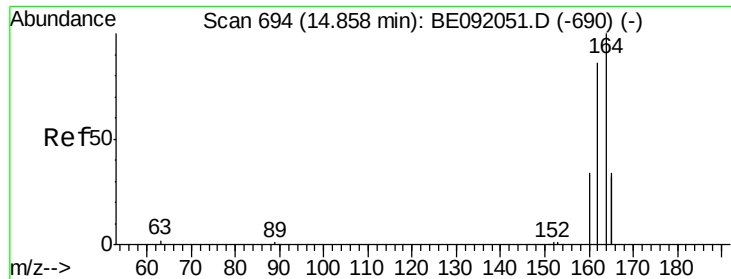
Tgt Ion: 225 Resp: 5754
Ion Ratio Lower Upper
225 100
223 64.8 51.9 77.9
227 62.0 0.0 0.0#



#14
2-Methylnaphthalene
Concen: 4.35 ng
RT: 12.66 min Scan# 551
Delta R.T. 0.00 min
Lab File: BE092068.D
Acq: 28 Jul 2016 5:42

Tgt Ion: 142 Resp: 30608
Ion Ratio Lower Upper
142 100
141 79.7 65.1 97.7
115 28.5 27.0 40.4

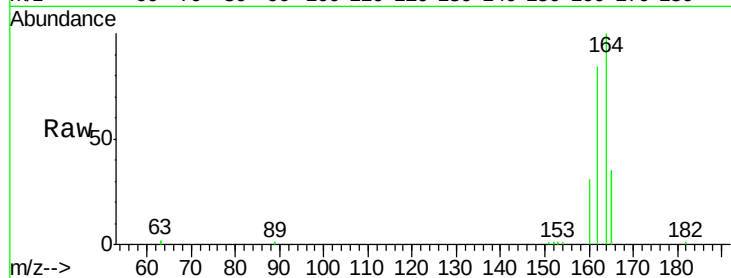




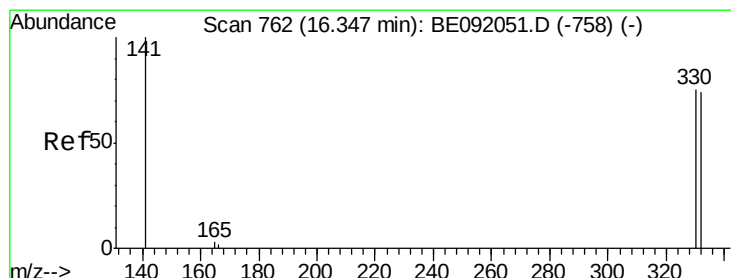
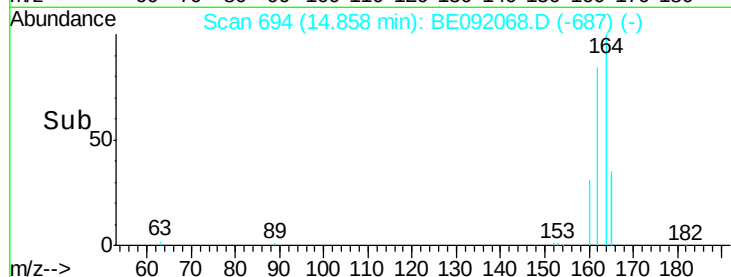
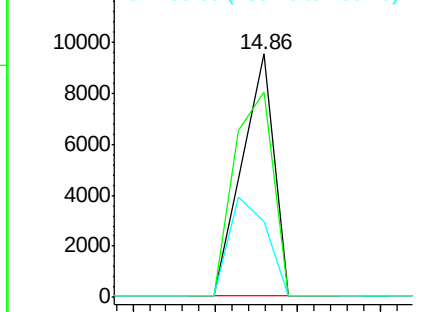
#15
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.86 min Scan# 694
Delta R.T. 0.00 min
Lab File: BE092068.D
Acq: 28 Jul 2016 5:42

Instrument :
BNA_E
ClientSampleId :
TILCON-MH-SF-004MS

Tgt Ion:164 Resp: 25574
Ion Ratio Lower Upper
164 100
162 84.2 69.5 104.3
160 31.4 27.6 41.4

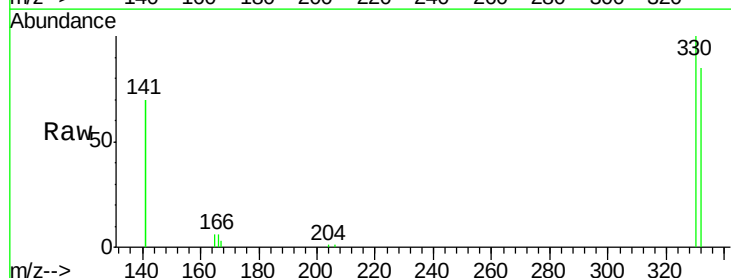


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

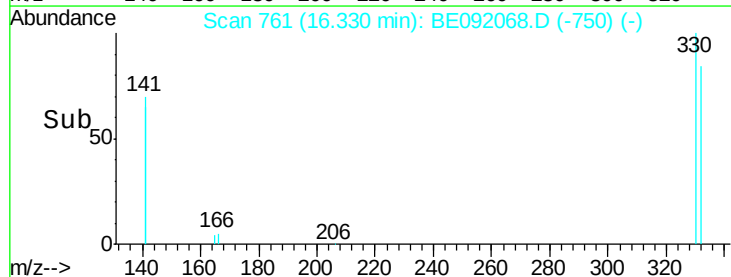
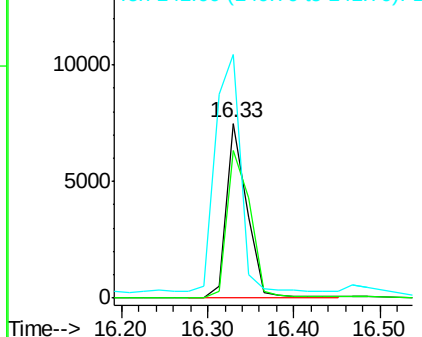


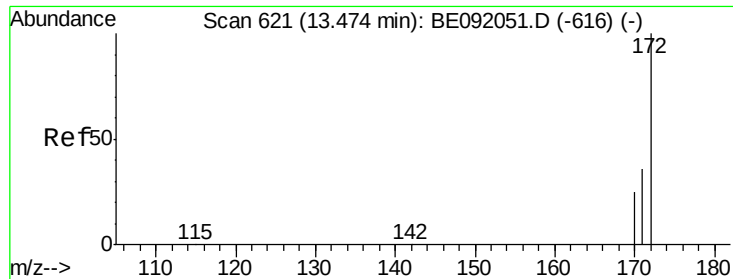
#16
2,4,6-Tribromophenol
Concen: 10.14 ng
RT: 16.33 min Scan# 761
Delta R.T. -0.02 min
Lab File: BE092068.D
Acq: 28 Jul 2016 5:42

Tgt Ion:330 Resp: 12151
Ion Ratio Lower Upper
330 100
332 95.8 74.2 111.4
141 169.9 139.8 209.8



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

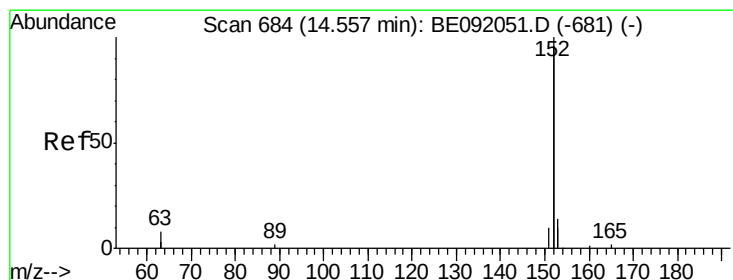
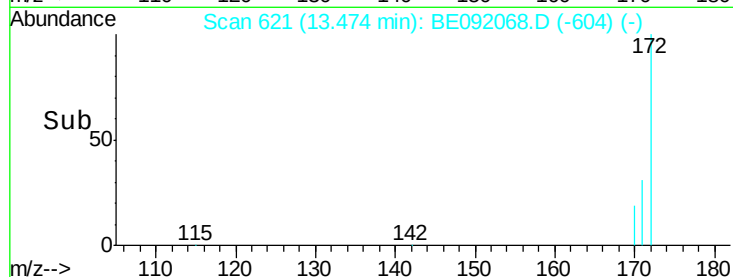
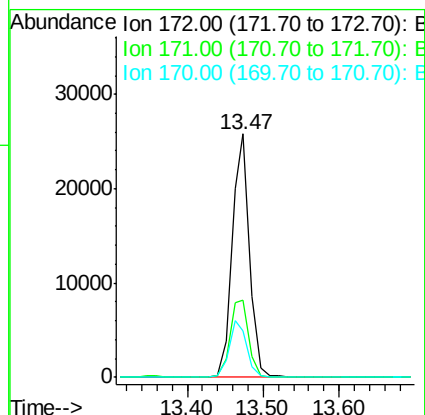
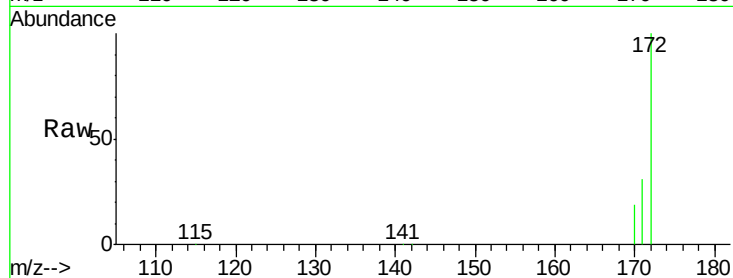




#17
 2-Fluorobiphenyl
 Concen: 4.04 ng
 RT: 13.47 min Scan# 621
 Delta R.T. 0.00 min
 Lab File: BE092068.D
 Acq: 28 Jul 2016 5:42

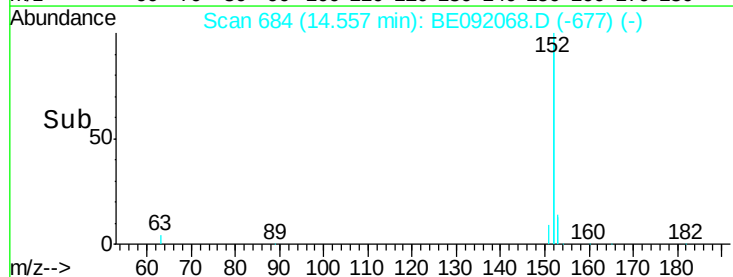
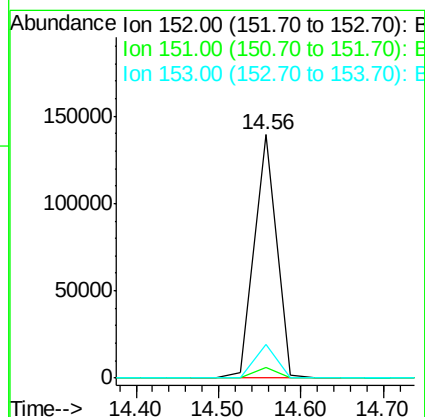
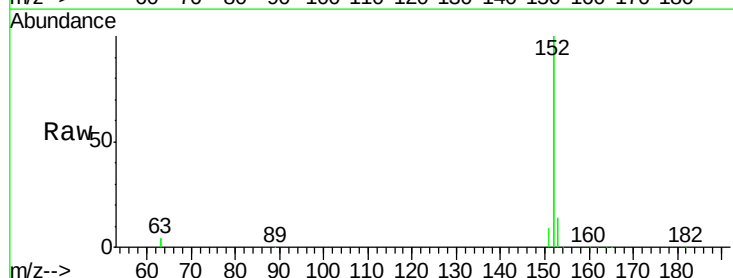
Instrument :
 BNA_E
 ClientSampleId :
 TILCON-MH-SF-004MS

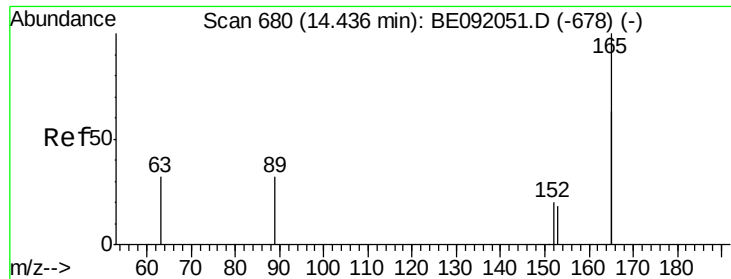
Tgt Ion:172 Resp: 41353
 Ion Ratio Lower Upper
 172 100
 171 31.5 30.3 45.5
 170 19.1 21.6 32.4#



#18
 Acenaphthylene
 Concen: 3.93 ng
 RT: 14.56 min Scan# 684
 Delta R.T. 0.00 min
 Lab File: BE092068.D
 Acq: 28 Jul 2016 5:42

Tgt Ion:152 Resp: 260463
 Ion Ratio Lower Upper
 152 100
 151 4.6 4.0 6.0
 153 13.4 9.6 14.4

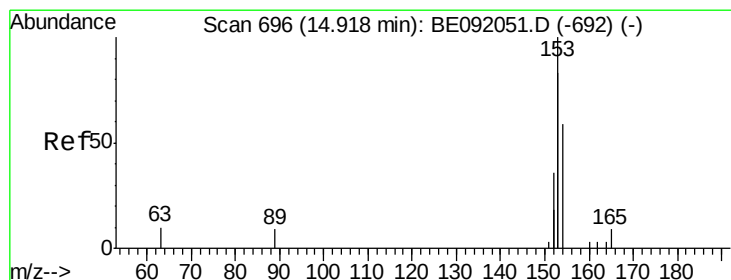
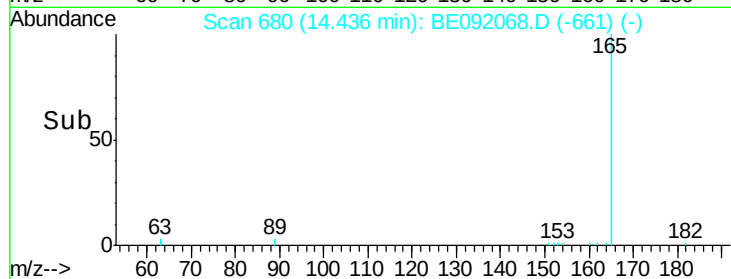
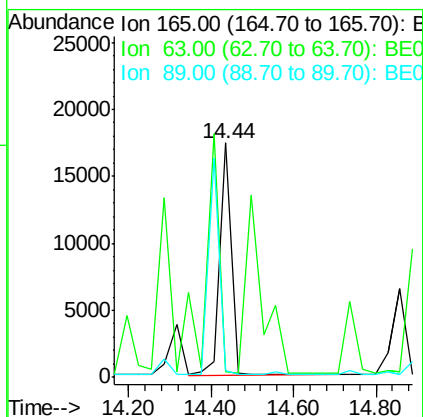
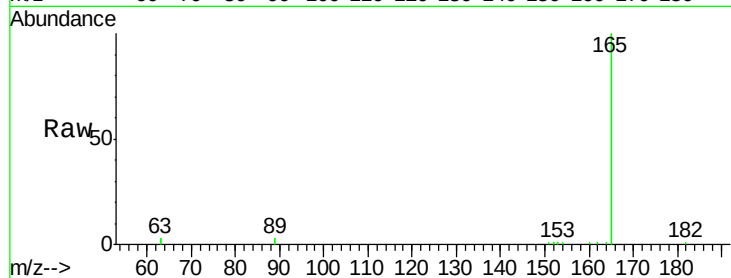




#19
2,6-Dinitrotoluene
Concen: 4.14 ng
RT: 14.44 min Scan# 680
Delta R.T. 0.00 min
Lab File: BE092068.D
Acq: 28 Jul 2016 5:42

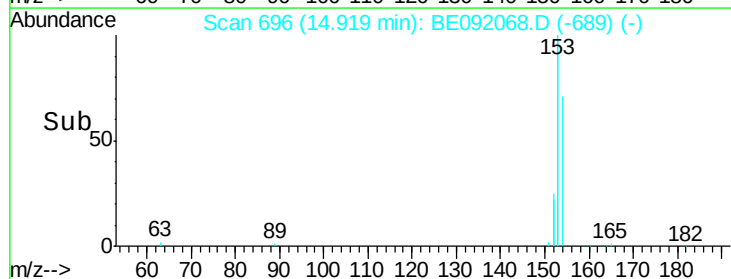
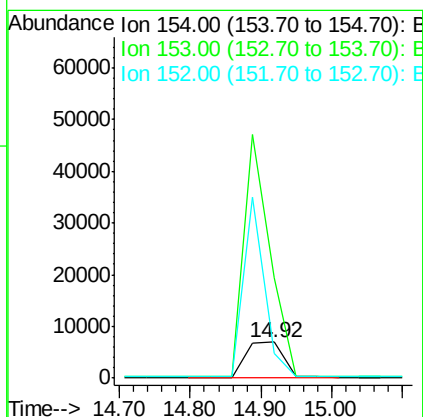
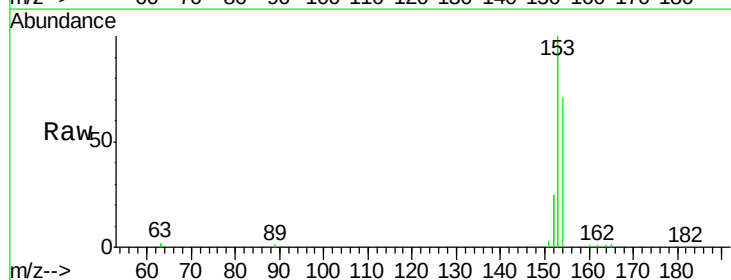
Instrument :
BNA_E
ClientSampleId :
TILCON-MH-SF-004MS

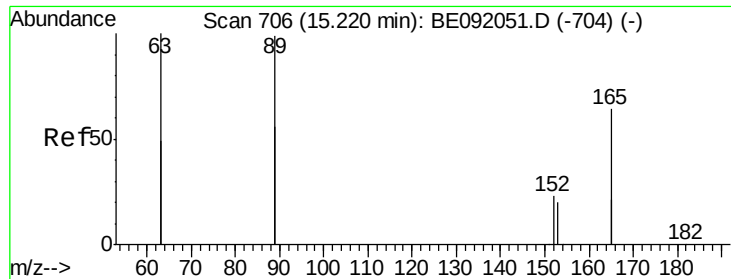
Tgt Ion:165 Resp: 34834
Ion Ratio Lower Upper
165 100
63 0.0 0.0 0.0
89 0.0 0.0 0.0



#20
Acenaphthene
Concen: 3.67 ng
RT: 14.92 min Scan# 696
Delta R.T. 0.00 min
Lab File: BE092068.D
Acq: 28 Jul 2016 5:42

Tgt Ion:154 Resp: 25657
Ion Ratio Lower Upper
154 100
153 0.0 345.1 517.7#
152 0.0 0.0 0.0

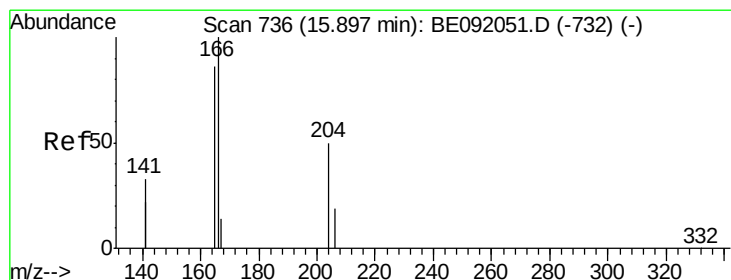
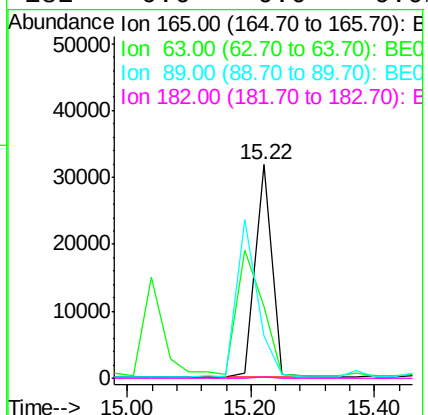
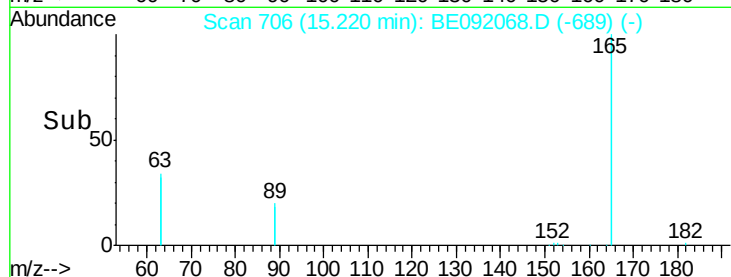
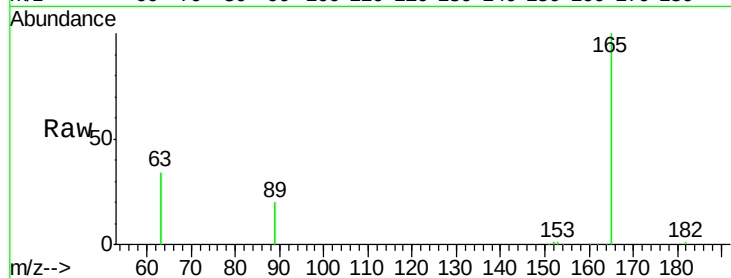




#21
2,4-Dinitrotoluene
Concen: 4.33 ng
RT: 15.22 min Scan# 706
Delta R.T. 0.00 min
Lab File: BE092068.D
Acq: 28 Jul 2016 5:42

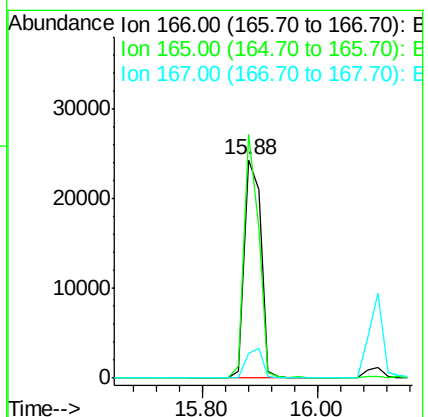
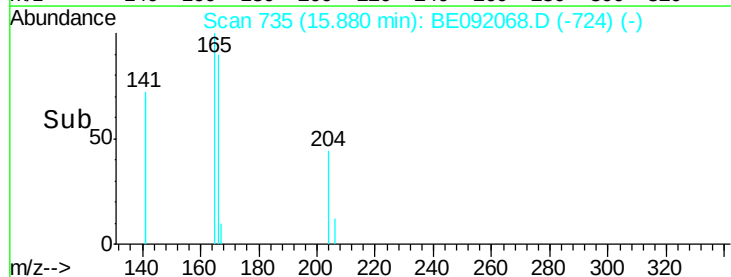
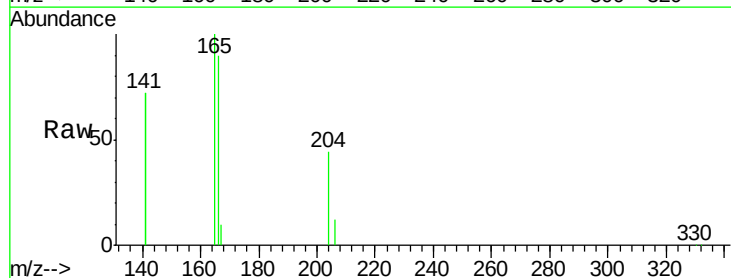
Instrument :
BNA_E
ClientSampleId :
TILCON-MH-SF-004MS

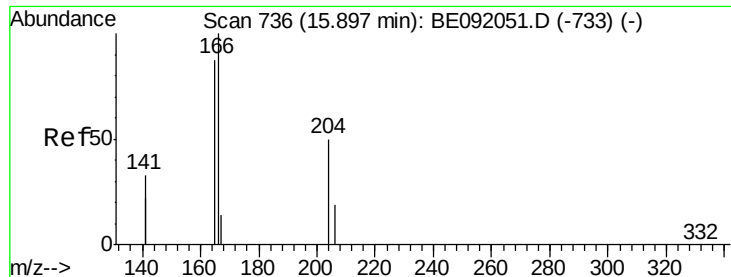
Tgt Ion:165 Resp: 59249
Ion Ratio Lower Upper
165 100
63 0.0 324.0 486.0#
89 0.0 308.4 462.6#
182 0.6 0.0 0.0#



#22
Fluorene
Concen: 4.45 ng
RT: 15.88 min Scan# 735
Delta R.T. -0.02 min
Lab File: BE092068.D
Acq: 28 Jul 2016 5:42

Tgt Ion:166 Resp: 48853
Ion Ratio Lower Upper
166 100
165 97.6 78.6 118.0
167 13.4 11.1 16.7

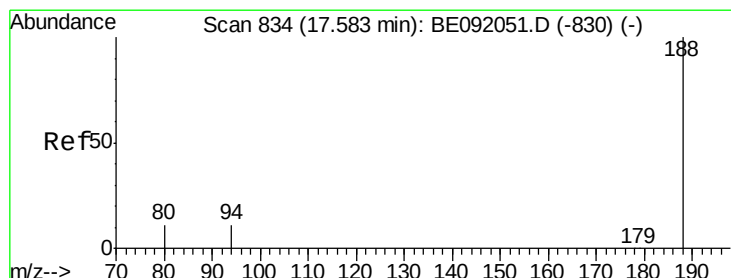
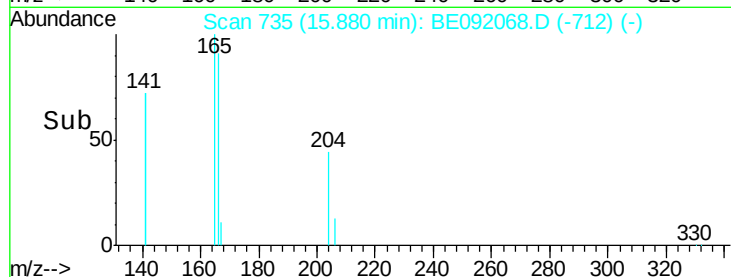
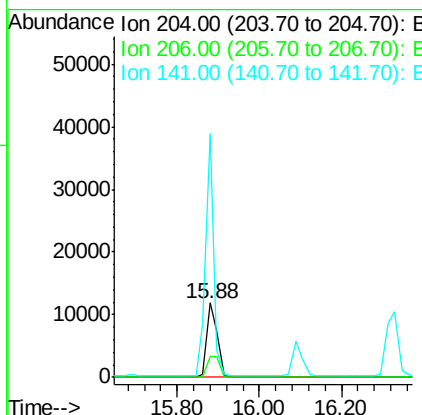
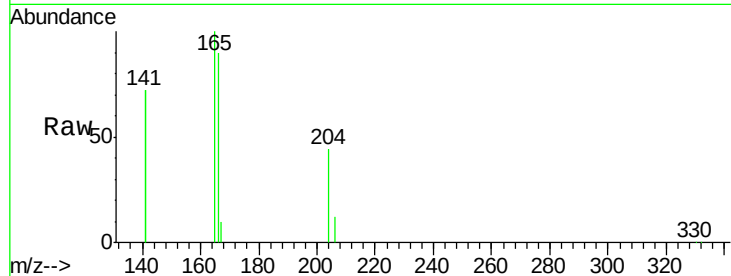




#23
 4-Chlorophenyl-phenylether
 Concen: 3.84 ng
 RT: 15.88 min Scan# 735
 Delta R.T. -0.02 min
 Lab File: BE092068.D
 Acq: 28 Jul 2016 5:42

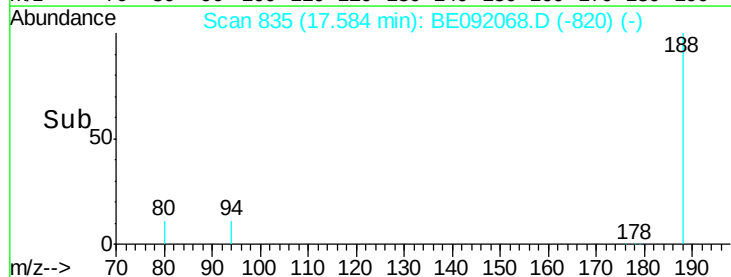
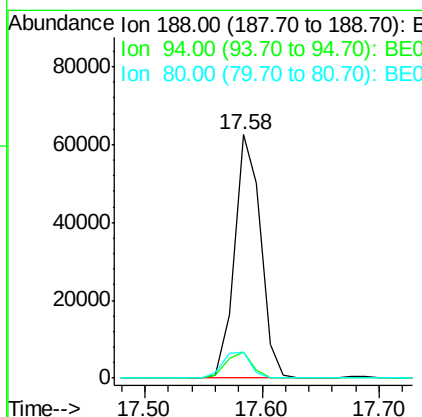
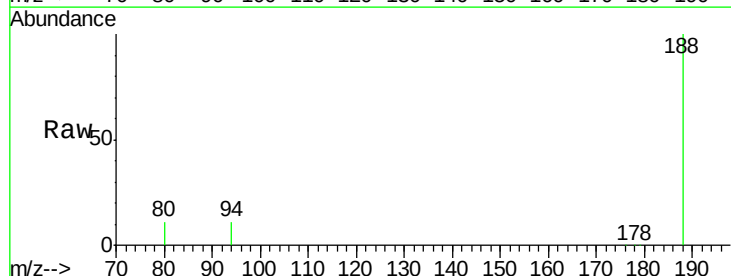
Instrument :
 BNA_E
 ClientSampleId :
 TILCON-MH-SF-004MS

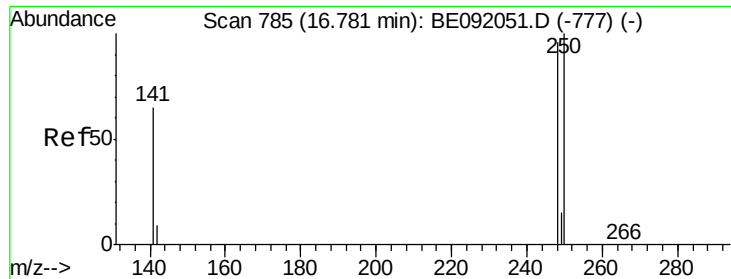
Tgt Ion: 204 Resp: 20691
 Ion Ratio Lower Upper
 204 100
 206 34.2 27.0 40.4
 141 258.2 198.5 297.7



#24
 Phenanthrene-d10
 Concen: 5.00 ng
 RT: 17.58 min Scan# 835
 Delta R.T. 0.00 min
 Lab File: BE092068.D
 Acq: 28 Jul 2016 5:42

Tgt Ion: 188 Resp: 96660
 Ion Ratio Lower Upper
 188 100
 94 10.6 3.9 5.9#
 80 10.7 3.4 5.0#

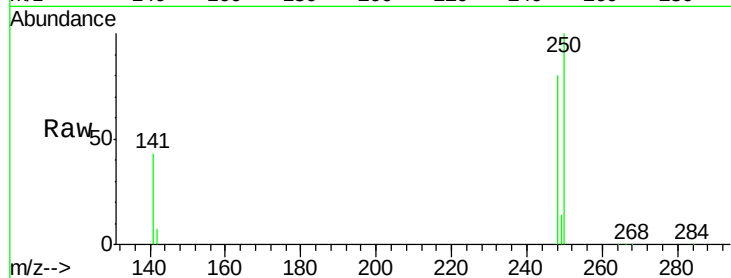




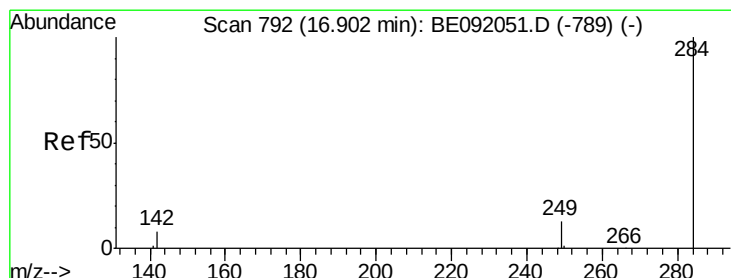
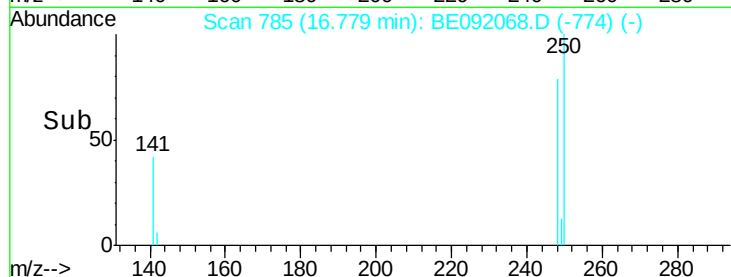
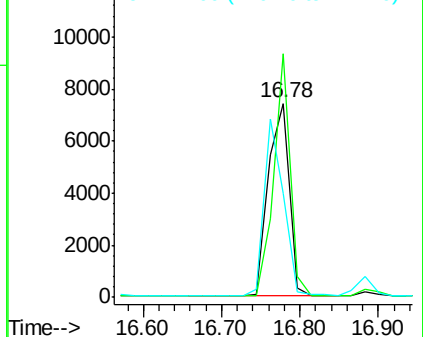
#25
4-Bromophenyl-phenylether
Concen: 3.47 ng
RT: 16.78 min Scan# 785
Delta R.T. -0.00 min
Lab File: BE092068.D
Acq: 28 Jul 2016 5:42

Instrument :
BNA_E
ClientSampleId :
TILCON-MH-SF-004MS

Tgt Ion:248 Resp: 13812
Ion Ratio Lower Upper
248 100
250 98.5 79.6 119.4
141 83.7 68.7 103.1

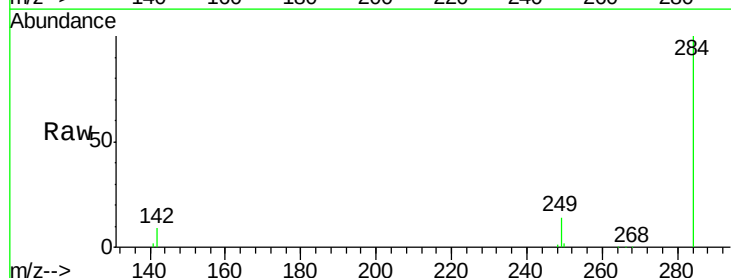


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

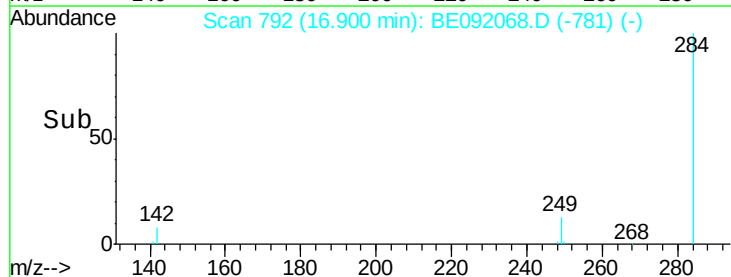
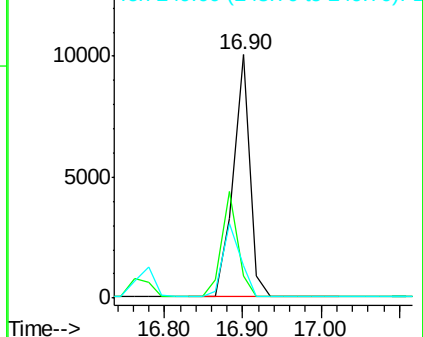


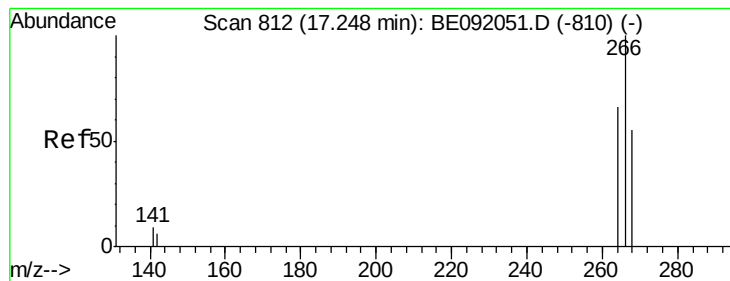
#26
Hexachlorobenzene
Concen: 3.58 ng
RT: 16.90 min Scan# 792
Delta R.T. -0.00 min
Lab File: BE092068.D
Acq: 28 Jul 2016 5:42

Tgt Ion:284 Resp: 14752
Ion Ratio Lower Upper
284 100
142 41.2 33.3 49.9
249 32.3 25.4 38.0



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





#27

Pentachlorophenol

Concen: 7.85 ng

RT: 17.23 min Scan# 811

Delta R.T. -0.02 min

Lab File: BE092068.D

Acq: 28 Jul 2016 5:42

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-SF-004MS

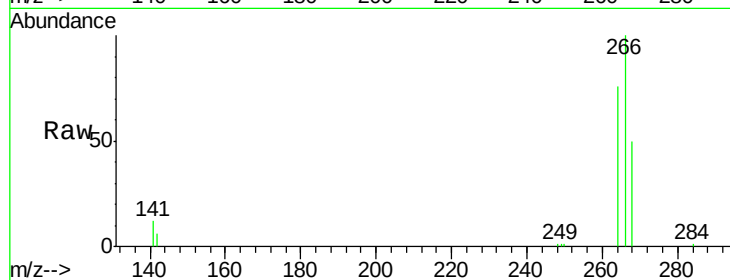
Tgt Ion:266 Resp: 14884

Ion Ratio Lower Upper

266 100

268 49.7 62.7 94.1#

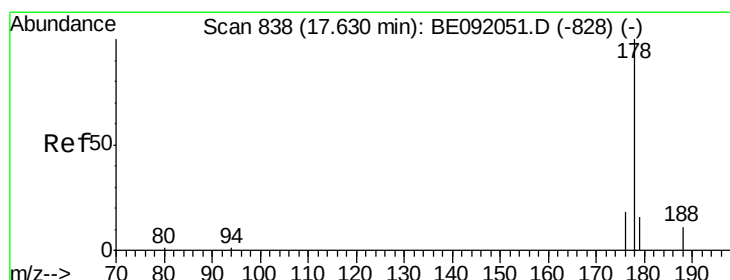
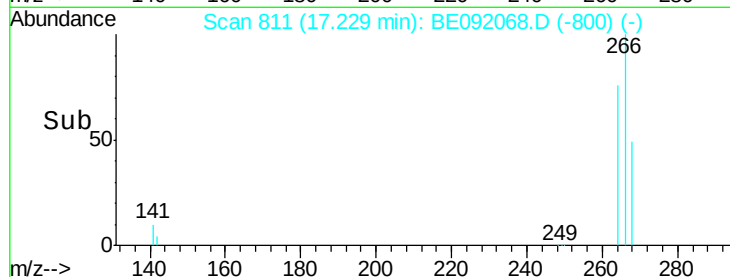
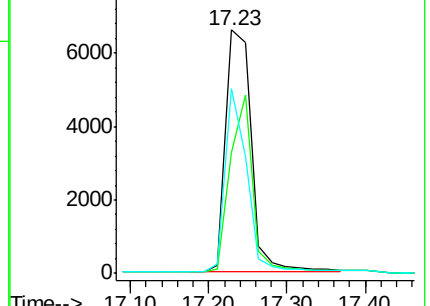
264 75.8 63.5 95.3



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



#28

Phenanthrene

Concen: 3.95 ng

RT: 17.63 min Scan# 839

Delta R.T. 0.00 min

Lab File: BE092068.D

Acq: 28 Jul 2016 5:42

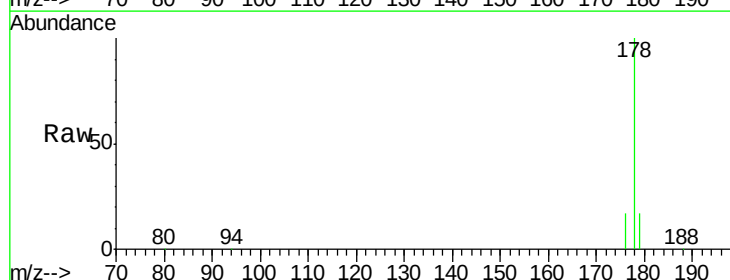
Tgt Ion:178 Resp: 97006

Ion Ratio Lower Upper

178 100

176 19.7 15.4 23.0

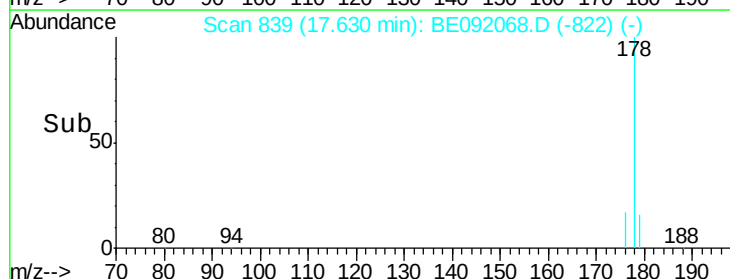
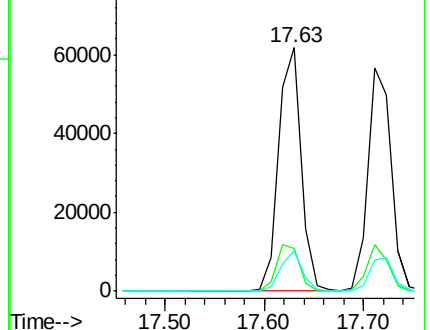
179 15.4 12.7 19.1

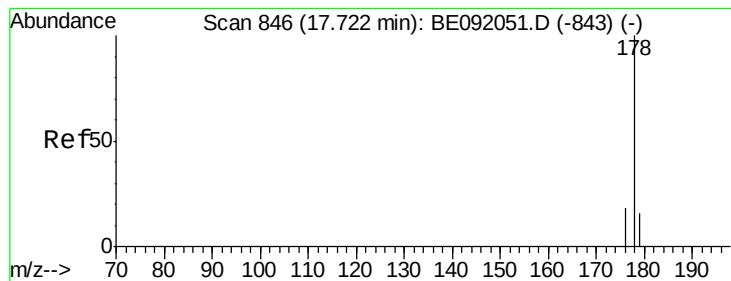


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#29

Anthracene

Concen: 4.12 ng

RT: 17.71 min Scan# 846

Delta R.T. -0.01 min

Lab File: BE092068.D

Acq: 28 Jul 2016 5:42

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-SF-004MS

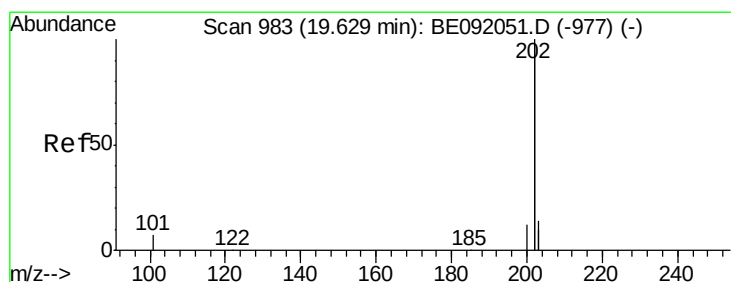
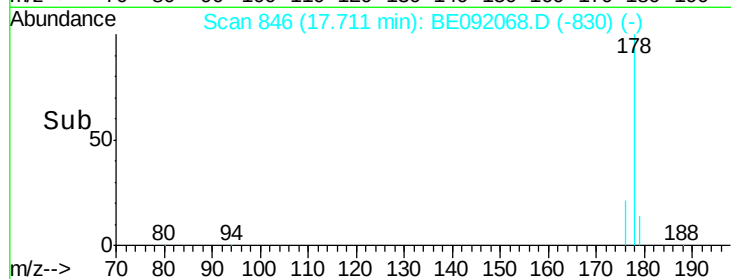
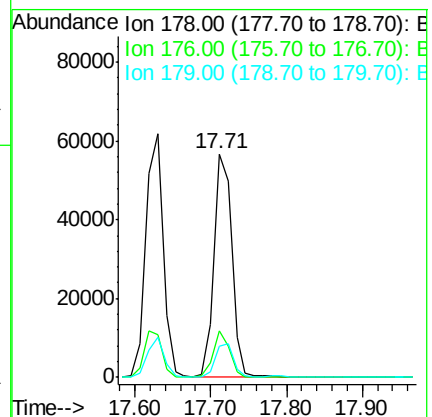
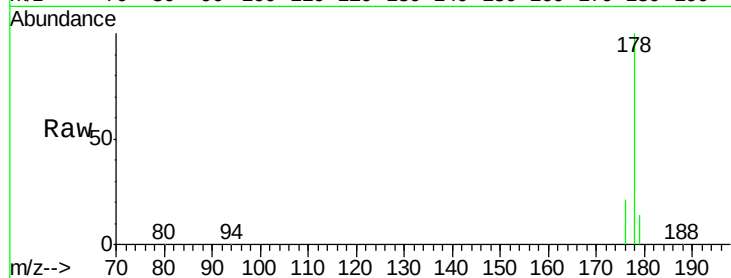
Tgt Ion:178 Resp: 92139

Ion Ratio Lower Upper

178 100

176 18.9 15.2 22.8

179 15.3 12.2 18.4



#30

Fluoranthene

Concen: 5.57 ng

RT: 19.63 min Scan# 984

Delta R.T. 0.00 min

Lab File: BE092068.D

Acq: 28 Jul 2016 5:42

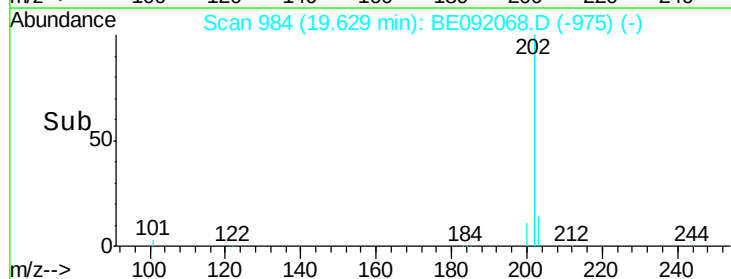
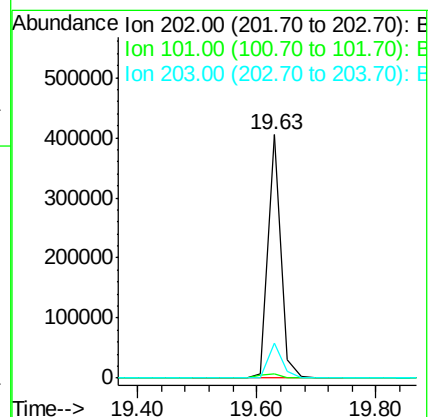
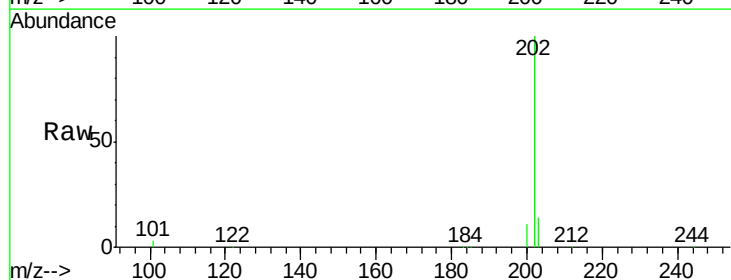
Tgt Ion:202 Resp: 608801

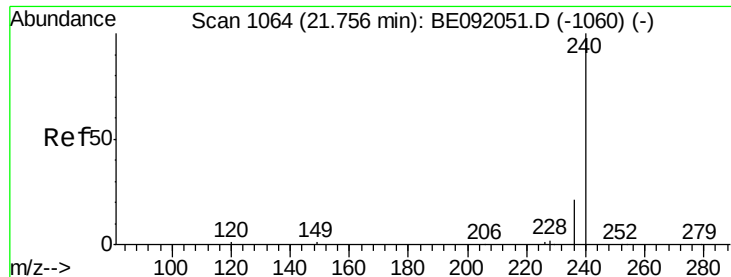
Ion Ratio Lower Upper

202 100

101 2.3 2.2 3.2

203 16.1 13.0 19.4





#31

Chrysene-d12

Concen: 5.00 ng

RT: 21.76 min Scan# 1065

Delta R.T. 0.00 min

Lab File: BE092068.D

Acq: 28 Jul 2016 5:42

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-SF-004MS

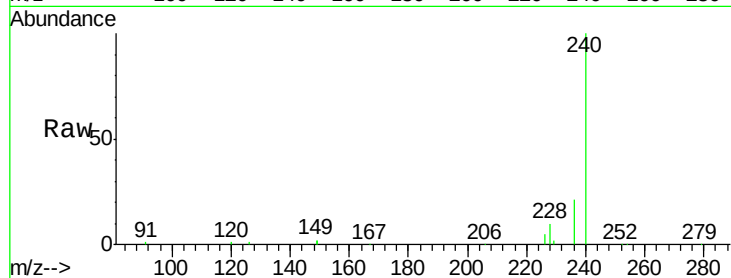
Tgt Ion:240 Resp: 115276

Ion Ratio Lower Upper

240 100

120 0.6 0.6 1.0

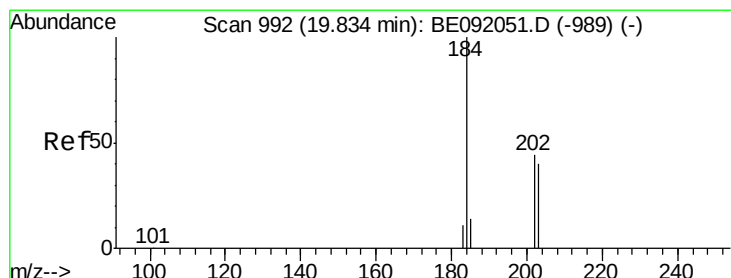
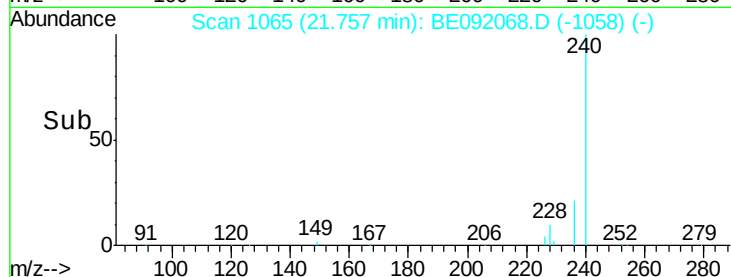
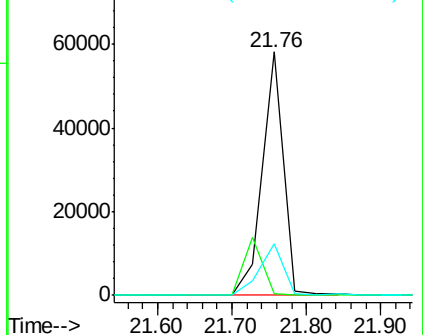
236 21.0 18.2 27.4



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



#32

Benzidine

Concen: 0.31 ng

RT: 20.20 min Scan# 1009

Delta R.T. 0.37 min

Lab File: BE092068.D

Acq: 28 Jul 2016 5:42

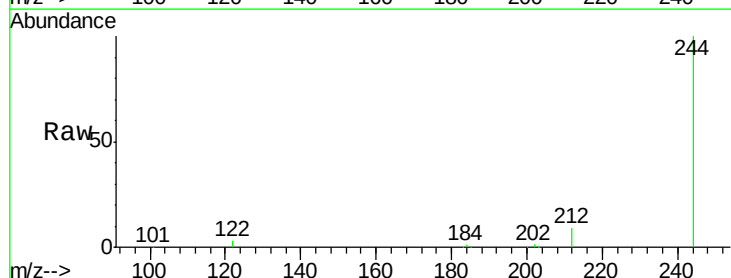
Tgt Ion:184 Resp: 1354

Ion Ratio Lower Upper

184 100

185 35.4 23.8 35.6

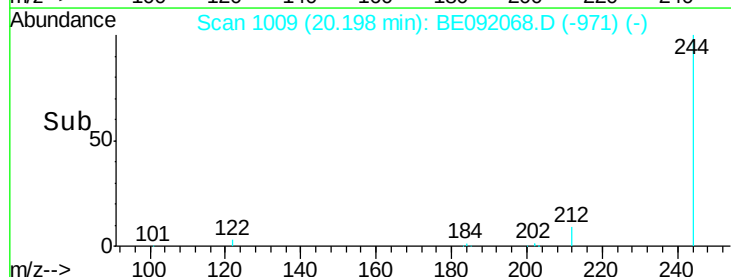
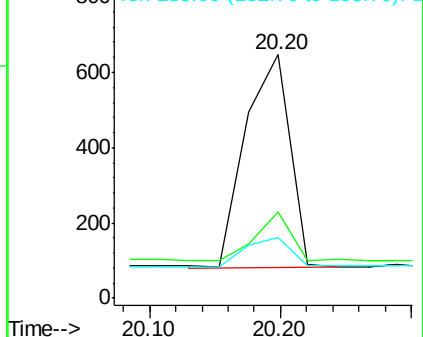
183 25.0 20.7 31.1

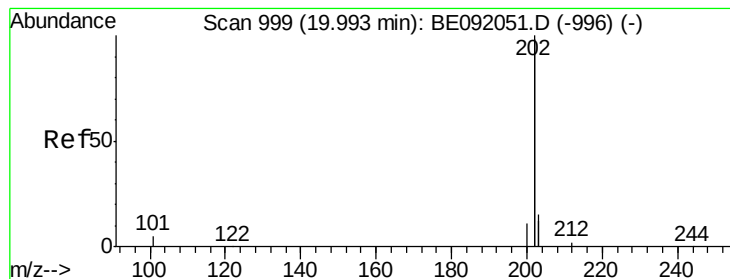


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#33

Pyrene

Concen: 4.27 ng

RT: 19.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: BE092068.D

Acq: 28 Jul 2016 5:42

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-SF-004MS

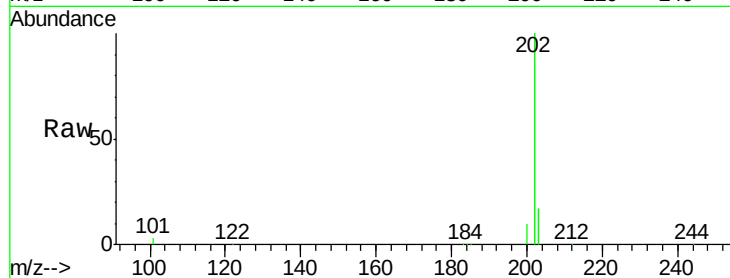
Tgt Ion:202 Resp: 633851

Ion Ratio Lower Upper

202 100

200 5.3 4.4 6.6

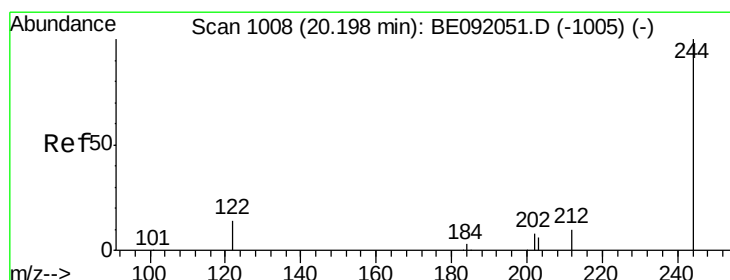
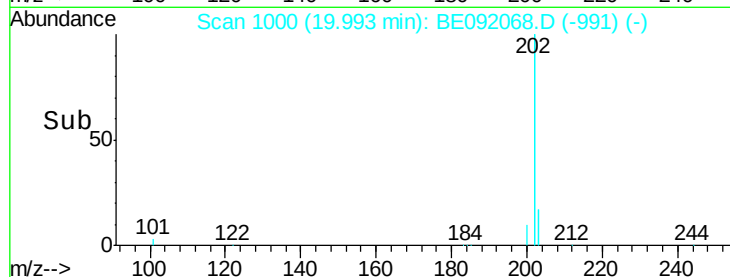
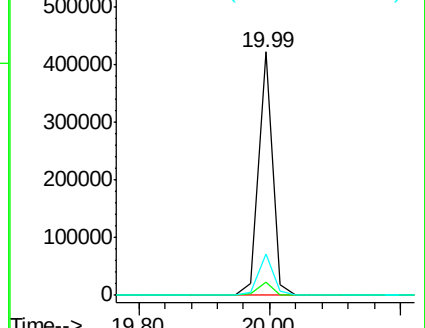
203 18.1 13.4 20.0



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



#34

Terphenyl-d14

Concen: 5.07 ng

RT: 20.20 min Scan# 1009

Delta R.T. 0.00 min

Lab File: BE092068.D

Acq: 28 Jul 2016 5:42

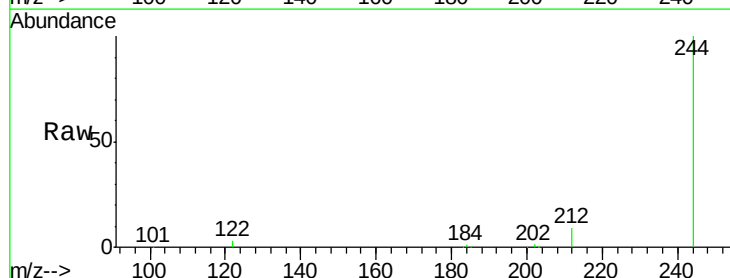
Tgt Ion:244 Resp: 108860

Ion Ratio Lower Upper

244 100

212 9.2 9.1 13.7

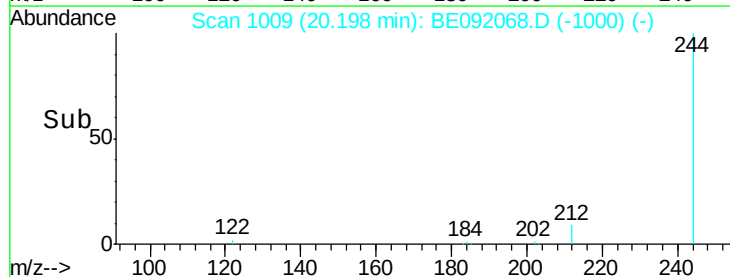
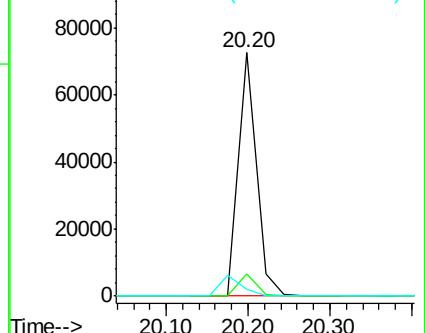
122 2.9 11.0 16.4#

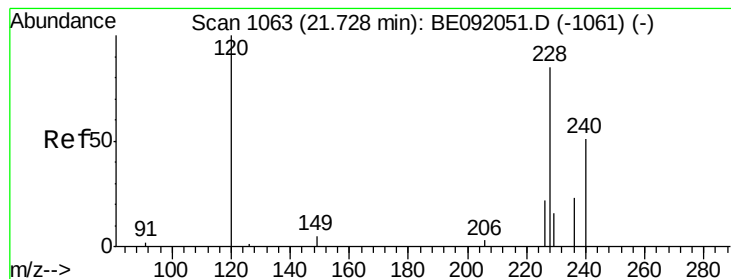


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#35

Benzo(a)anthracene

Concen: 7.42 ng

RT: 21.73 min Scan# 1064

Delta R.T. 0.00 min

Lab File: BE092068.D

Acq: 28 Jul 2016 5:42

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-SF-004MS

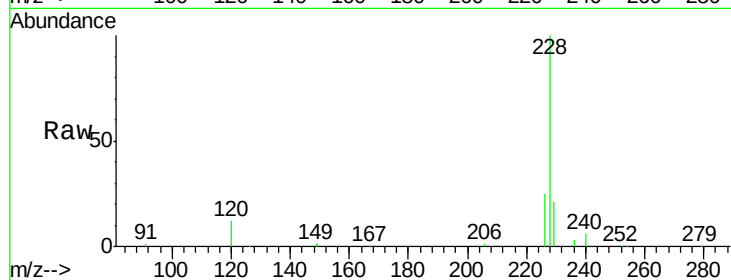
Tgt Ion:228 Resp: 355633

Ion Ratio Lower Upper

228 100

226 25.2 22.1 33.1

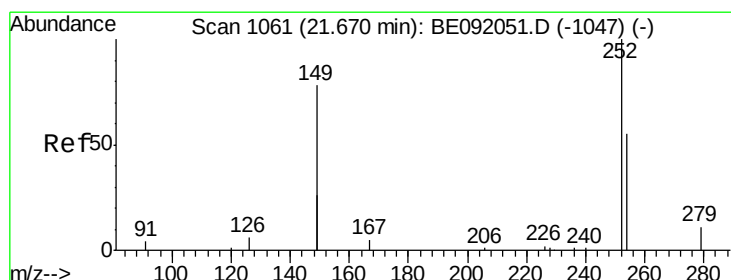
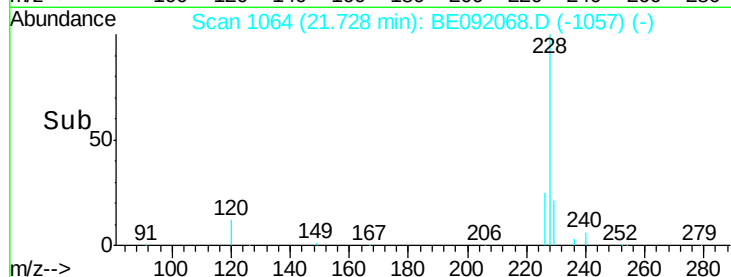
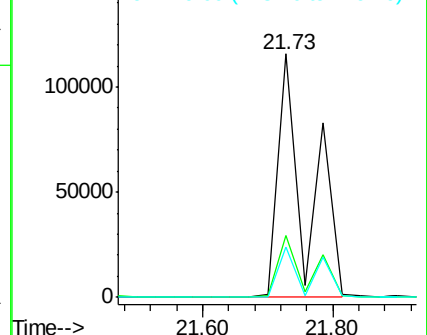
229 20.9 15.1 22.7



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



#36

3,3'-Dichlorobenzidine

Concen: 2.89 ng

RT: 21.67 min Scan# 1062

Delta R.T. 0.00 min

Lab File: BE092068.D

Acq: 28 Jul 2016 5:42

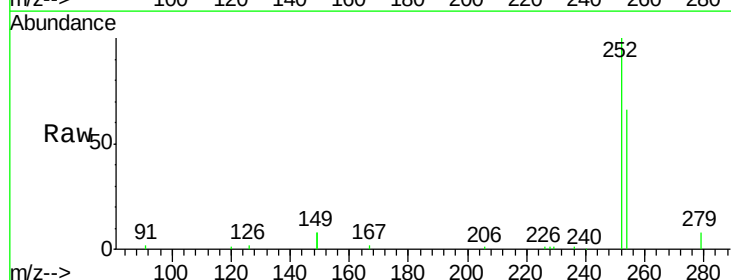
Tgt Ion:252 Resp: 41557

Ion Ratio Lower Upper

252 100

254 66.1 44.2 66.2

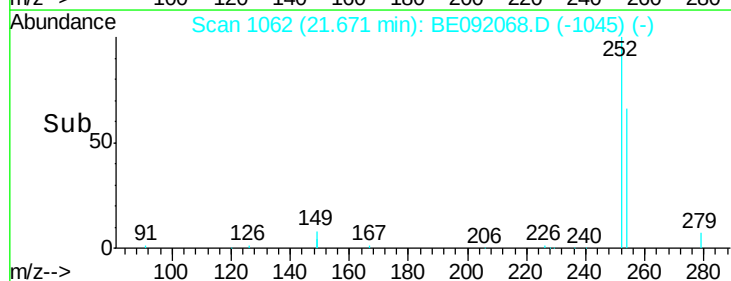
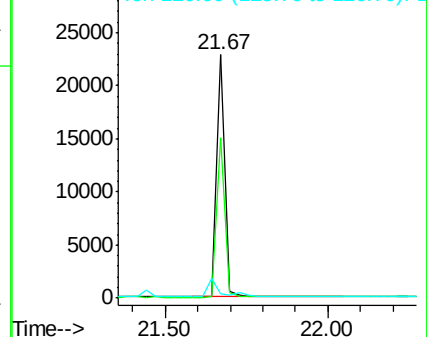
126 1.5 10.6 15.8#

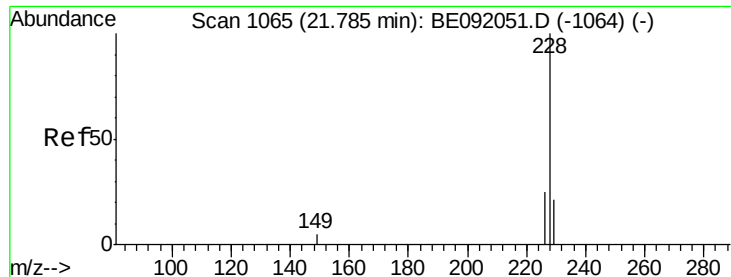


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#37

Chrysene

Concen: 10.84 ng

RT: 21.73 min Scan# 1064

Delta R.T. -0.06 min

Lab File: BE092068.D

Acq: 28 Jul 2016 5:42

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-SF-004MS

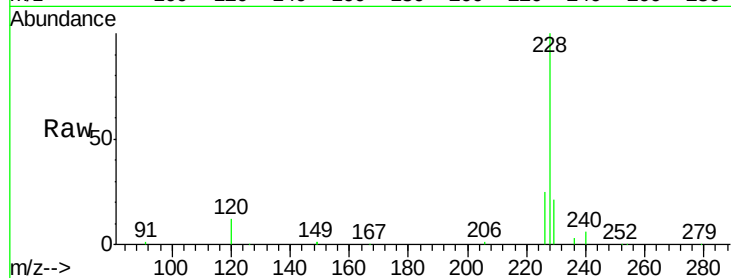
Tgt Ion:228 Resp: 357176

Ion Ratio Lower Upper

228 100

226 25.2 22.3 33.5

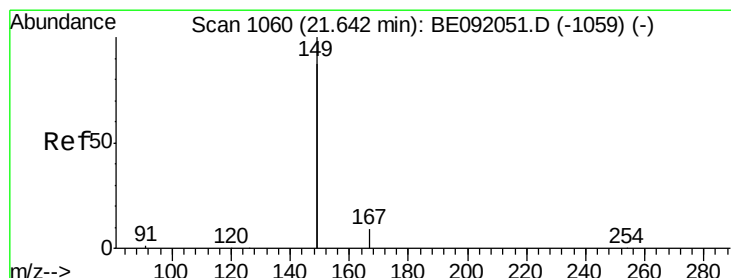
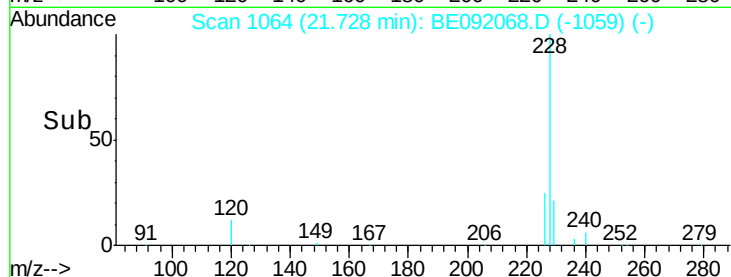
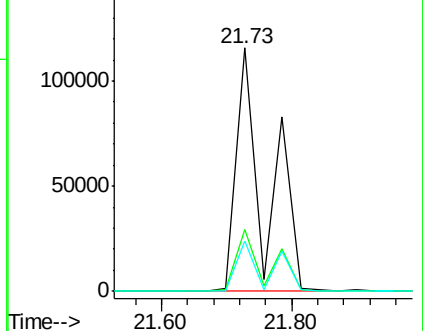
229 20.9 16.9 25.3



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



#38

Bis(2-ethylhexyl)phthalate

Concen: 5.46 ng

RT: 21.64 min Scan# 1061

Delta R.T. 0.00 min

Lab File: BE092068.D

Acq: 28 Jul 2016 5:42

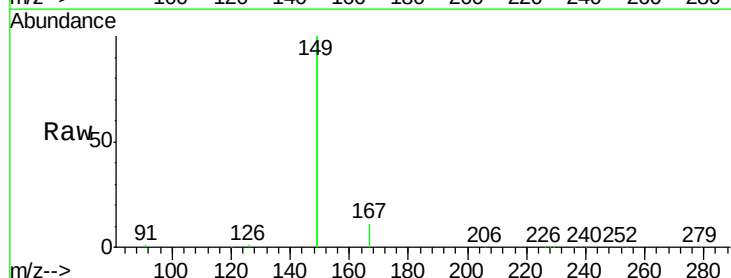
Tgt Ion:149 Resp: 606081

Ion Ratio Lower Upper

149 100

167 5.7 3.8 5.6#

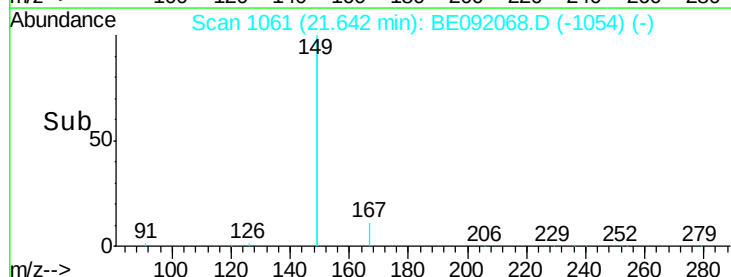
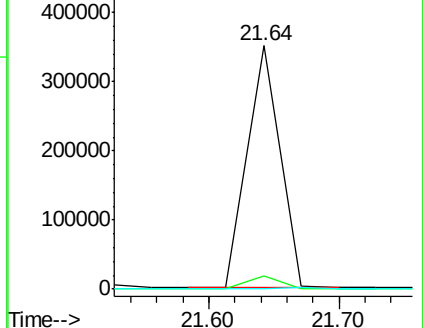
279 0.0 0.0 0.0

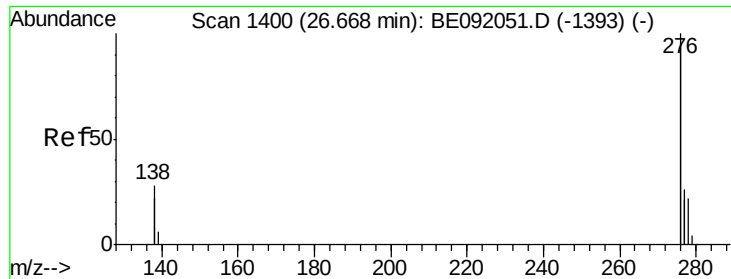


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

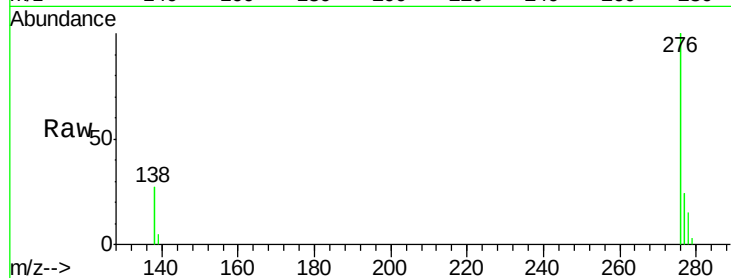




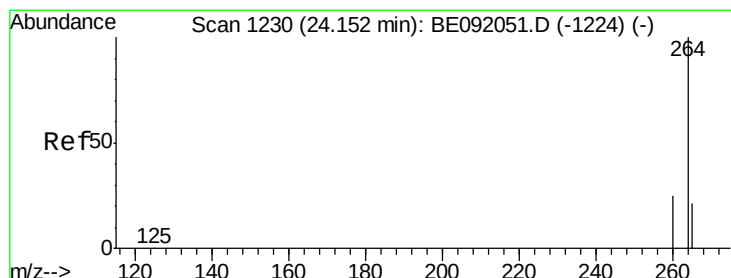
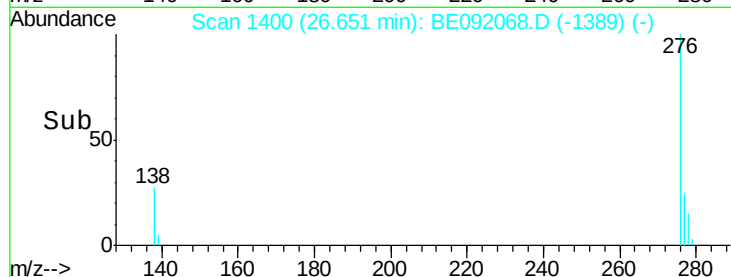
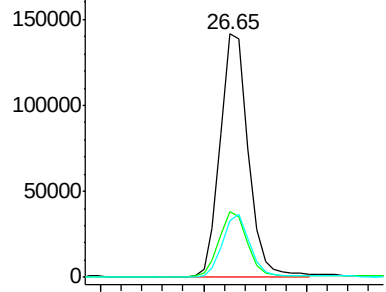
#39
 Indeno(1,2,3-cd)pyrene
 Concen: 3.93 ng
 RT: 26.65 min Scan# 1400
 Delta R.T. -0.02 min
 Lab File: BE092068.D
 Acq: 28 Jul 2016 5:42

Instrument :
 BNA_E
 ClientSampleId :
 TILCON-MH-SF-004MS

Tgt Ion: 276 Resp: 530331
 Ion Ratio Lower Upper
 276 100
 138 26.9 21.2 31.8
 277 24.8 19.8 29.8

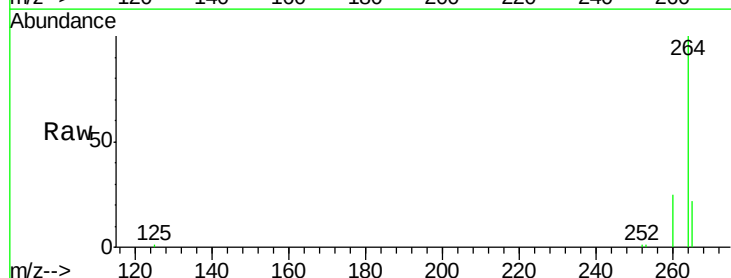


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

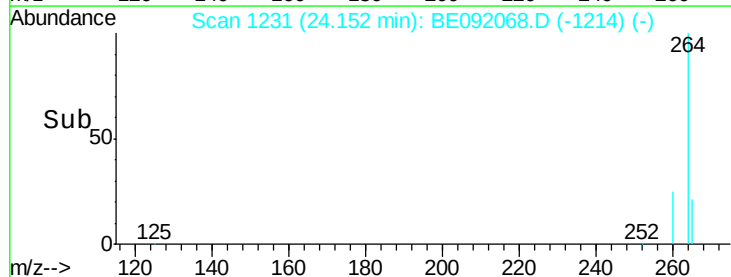
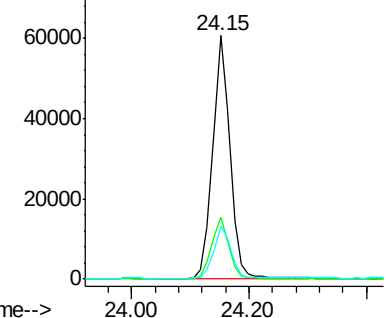


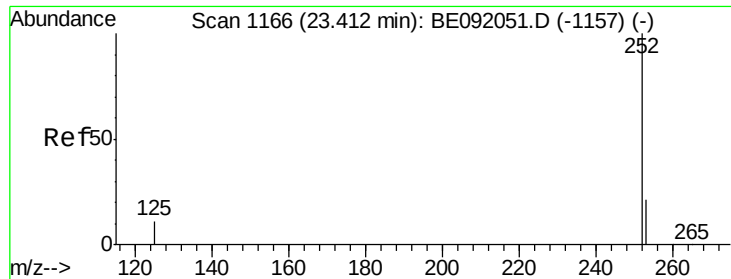
#40
 Perylene-d12
 Concen: 5.00 ng
 RT: 24.15 min Scan# 1231
 Delta R.T. -0.00 min
 Lab File: BE092068.D
 Acq: 28 Jul 2016 5:42

Tgt Ion: 264 Resp: 124177
 Ion Ratio Lower Upper
 264 100
 260 25.3 20.8 31.2
 265 21.6 16.6 25.0



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





#41

Benzo(b)fluoranthene

Concen: 4.36 ng

RT: 23.41 min Scan# 1167

Delta R.T. 0.00 min

Lab File: BE092068.D

Acq: 28 Jul 2016 5:42

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-SF-004MS

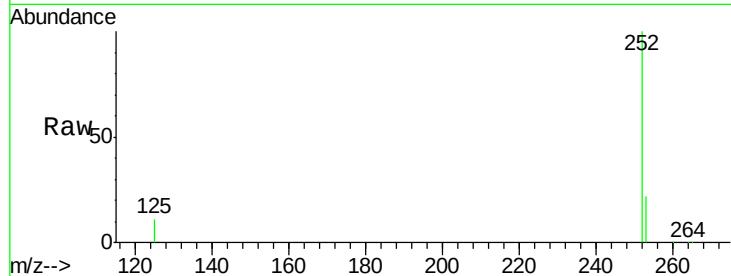
Tgt Ion:252 Resp: 144454

Ion Ratio Lower Upper

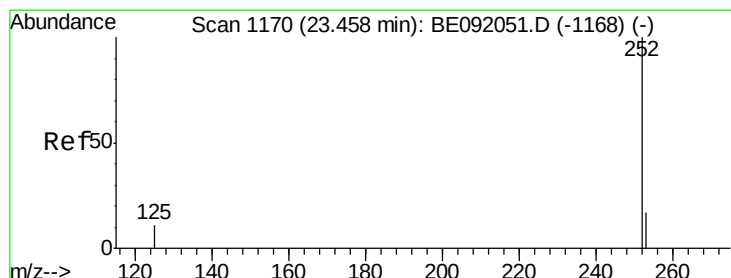
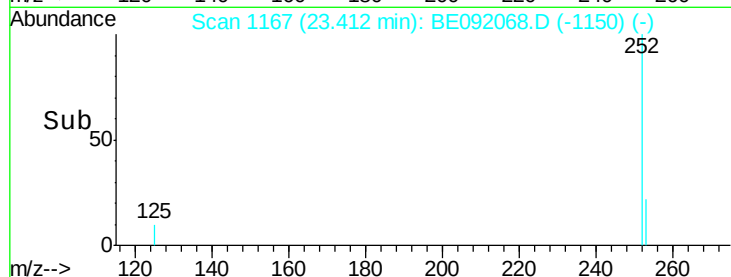
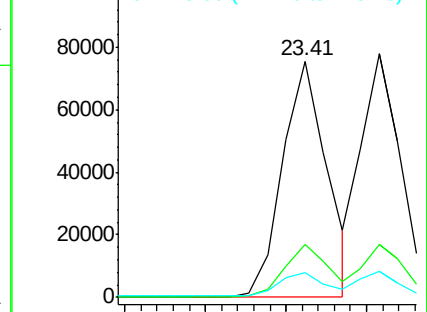
252 100

253 22.4 17.4 26.0

125 10.6 10.2 15.2



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



#42

Benzo(k)fluoranthene

Concen: 3.95 ng

RT: 23.46 min Scan# 1171

Delta R.T. -0.00 min

Lab File: BE092068.D

Acq: 28 Jul 2016 5:42

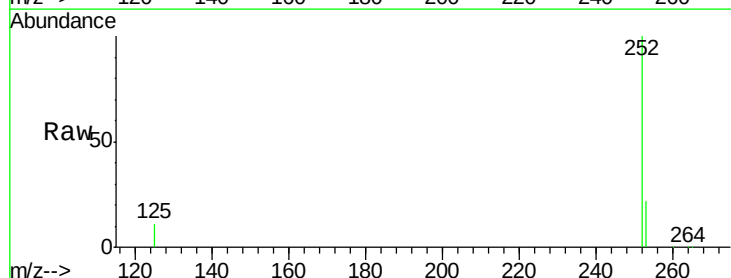
Tgt Ion:252 Resp: 134694

Ion Ratio Lower Upper

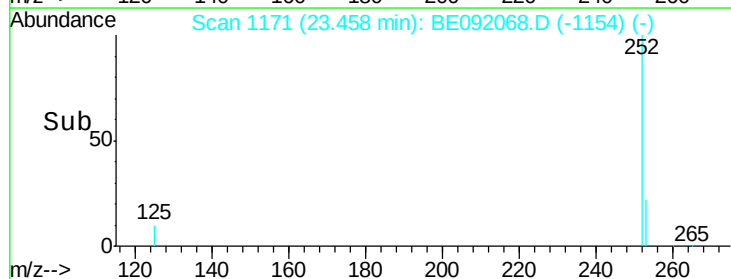
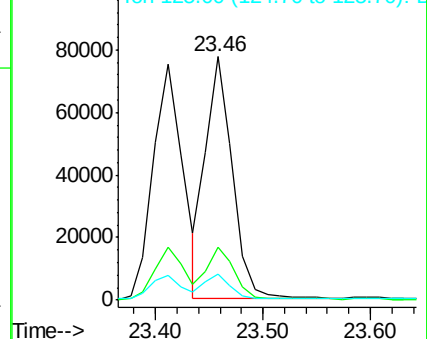
252 100

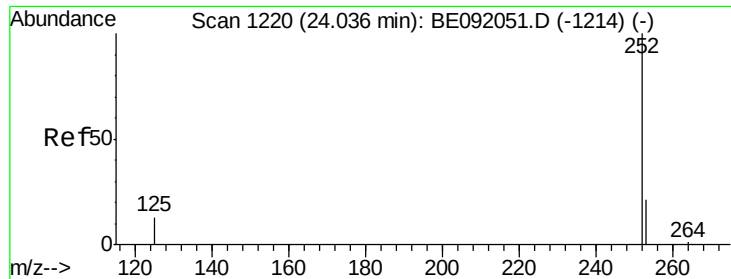
253 22.0 19.4 29.0

125 10.6 8.9 13.3



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





#43

Benzo(a)pyrene

Concen: 4.09 ng

RT: 24.04 min Scan# 1221

Delta R.T. -0.00 min

Lab File: BE092068.D

Acq: 28 Jul 2016 5:42

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-SF-004MS

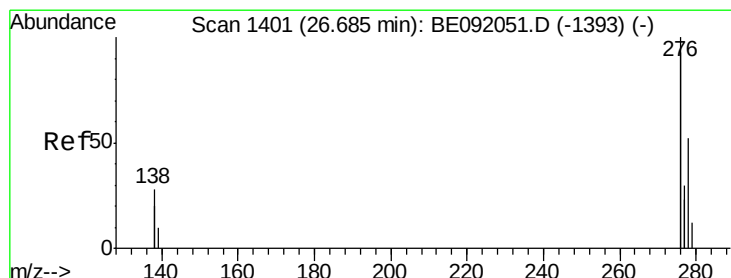
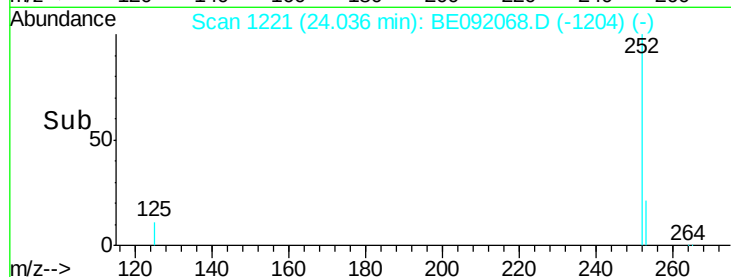
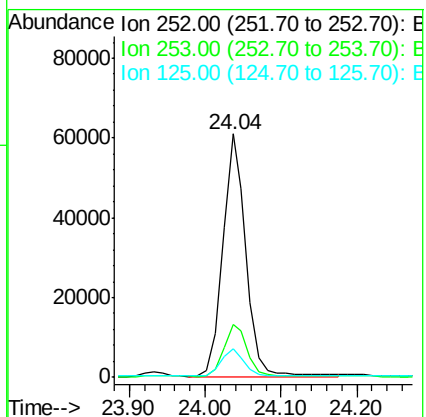
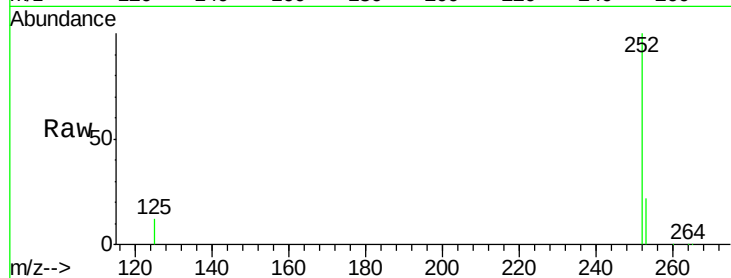
Tgt Ion: 252 Resp: 129334

Ion Ratio Lower Upper

252 100

253 21.8 19.8 29.8

125 11.9 10.4 15.6



#44

Dibenzo(a,h)anthracene

Concen: 3.95 ng

RT: 26.69 min Scan# 1402

Delta R.T. 0.00 min

Lab File: BE092068.D

Acq: 28 Jul 2016 5:42

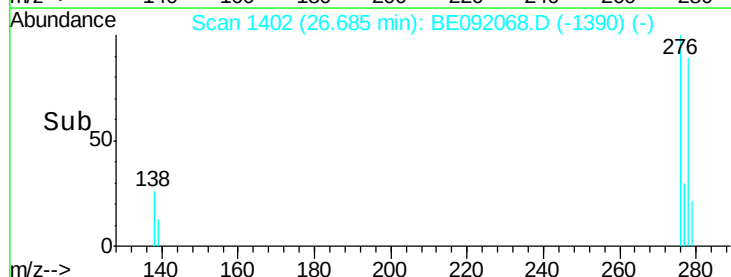
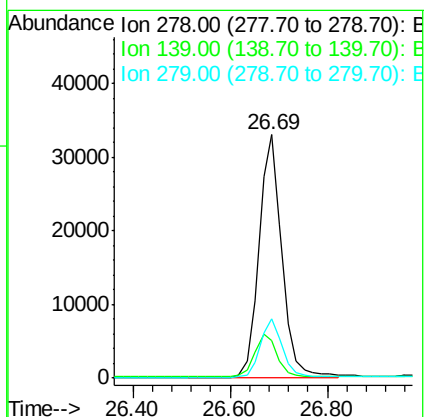
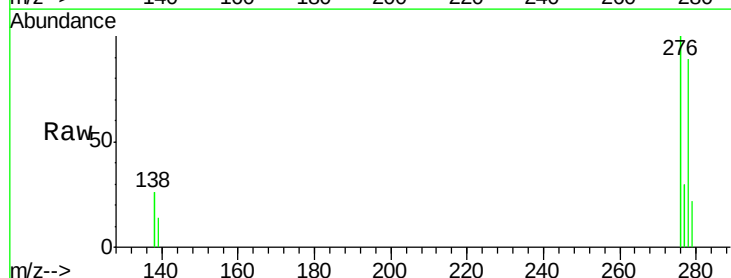
Tgt Ion: 278 Resp: 108895

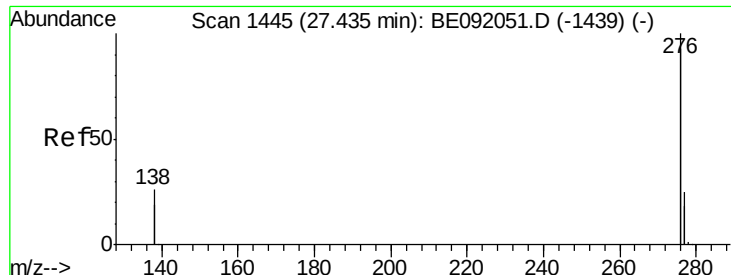
Ion Ratio Lower Upper

278 100

139 15.3 16.7 25.1#

279 24.3 20.3 30.5





#45

Benzo(g,h,i)perylene

Concen: 3.85 ng

RT: 27.43 min Scan# 1446

Delta R.T. 0.00 min

Lab File: BE092068.D

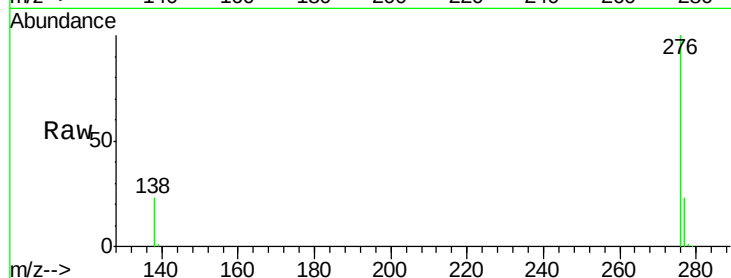
Acq: 28 Jul 2016 5:42

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-SF-004MS



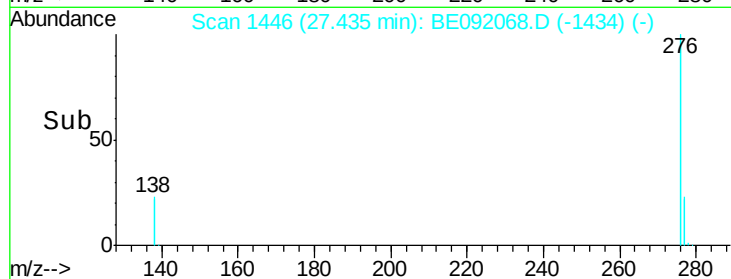
Tgt Ion: 276 Resp: 443259

Ion Ratio Lower Upper

276 100

277 23.2 19.5 29.3

138 22.8 20.8 31.2



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

