

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE090916\
 Data File : BE092365.D
 Acq On : 9 Sep 2016 21:28
 Operator : UM/SJ
 Sample : H4728-01MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 TILCON-MH-SF-006MSD

Quant Time: Sep 10 02:09:45 2016
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE090216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 02 19:34:51 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	10972	5.00	ng	-0.02
7) Naphthalene-d8	10.95	136	50348	5.00	ng	0.00
12) Acenaphthene-d10	14.82	164	27372	5.00	ng	0.00
18) Phenanthrene-d10	17.58	188	54450	5.00	ng	0.02
24) Chrysene-d12	21.75	240	83480	5.00	ng	0.00
31) Perylene-d12	24.11	264	81721	5.00	ng	0.02

System Monitoring Compounds						
4) 2-Fluorophenol	5.68	112	24222	9.29	ng	-0.01
5) Phenol-d6	7.34	99	34770	9.99	ng	-0.02
8) Nitrobenzene-d5	9.34	82	16540	4.57	ng	-0.02
13) 2,4,6-Tribromophenol	16.31	330	8125	9.58	ng	0.00
14) 2-Fluorobiphenyl	13.43	172	33938	4.04	ng	-0.01
26) Terphenyl-d14	20.17	244	43742	3.54	ng	0.00

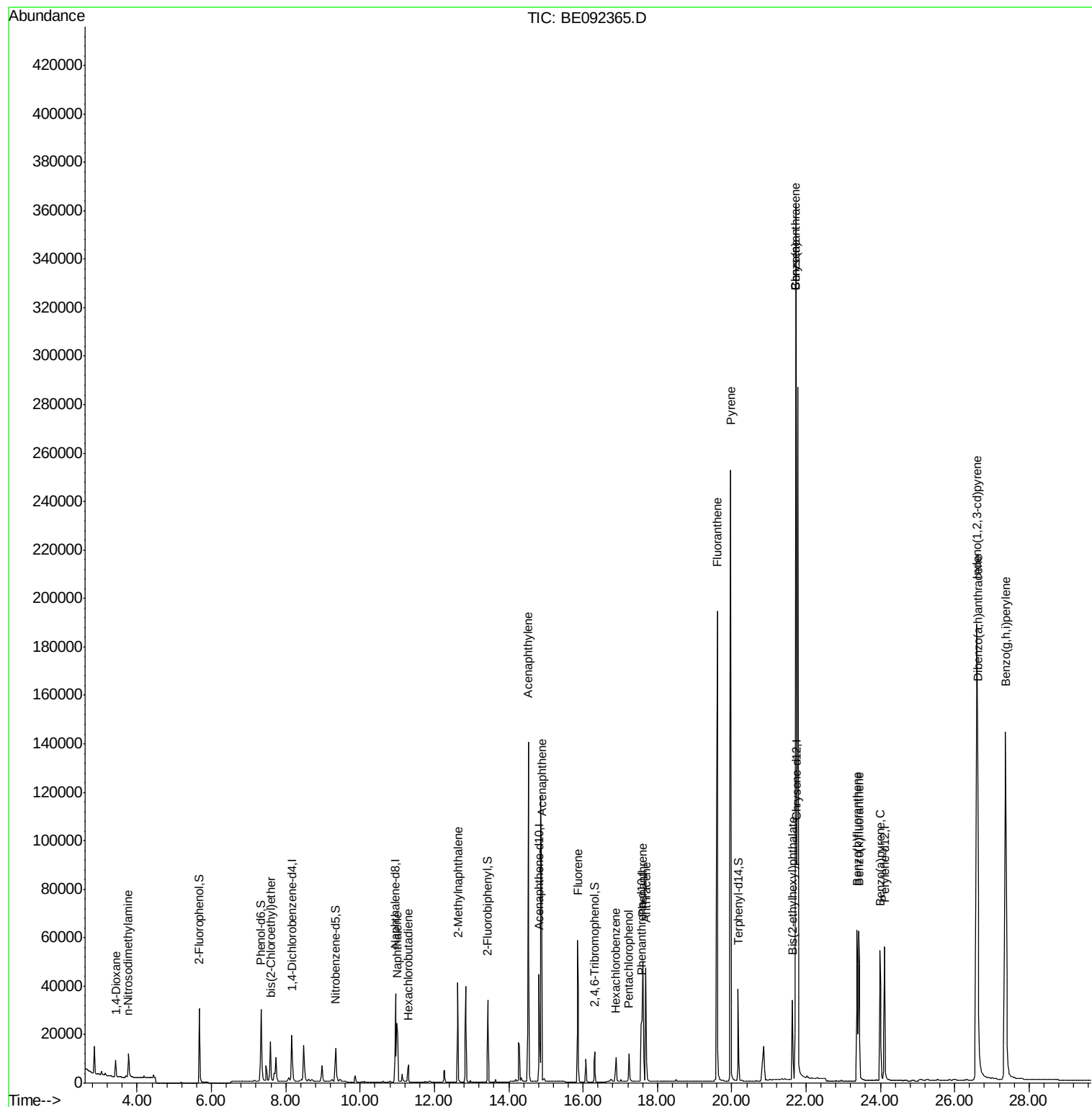
Target Compounds						Qvalue
2) 1,4-Dioxane	3.42	88	4578	3.39	ng	# 86
3) n-Nitrosodimethylamine	3.76	42	7739	4.44	ng	# 97
6) bis(2-Chloroethyl)ether	7.59	93	13622	4.09	ng	91
9) Naphthalene	10.99	128	43578	3.86	ng	# 95
10) Hexachlorobutadiene	11.30	225	6519	3.71	ng	100
11) 2-Methylnaphthalene	12.62	142	30479	4.13	ng	93
15) Acenaphthylene	14.53	152	189121	4.01	ng	100
16) Acenaphthene	14.88	154	28497	3.74	ng	95
17) Fluorene	15.86	166	37170	3.88	ng	100
19) Hexachlorobenzene	16.89	284	10908	4.18	ng	# 63
20) Pentachlorophenol	17.23	266	9034	6.67	ng	85
21) Phenanthrene	17.60	178	60457	3.95	ng	# 94
22) Anthracene	17.69	178	58487	4.30	ng	99
23) Fluoranthene	19.61	202	274154	4.10	ng	98
25) Pyrene	19.97	202	294485	3.63	ng	98
27) Benzo(a)anthracene	21.72	228	678189	7.53	ng	# 88
28) Chrysene	21.72	228	681360	8.26	ng	# 69
29) Bis(2-ethylhexyl)phthalate	21.63	149	43264	3.74	ng	# 75
30) Indeno(1,2,3-cd)pyrene	26.60	276	404548	4.26	ng	99
32) Benzo(b)fluoranthene	23.37	252	86021	4.10	ng	96
33) Benzo(k)fluoranthene	23.42	252	88463	3.99	ng	93
34) Benzo(a)pyrene	24.00	252	87775	4.25	ng	# 95
35) Dibenzo(a,h)anthracene	26.62	278	83766	4.38	ng	96
36) Benzo(g,h,i)perylene	27.37	276	345096	4.28	ng	97

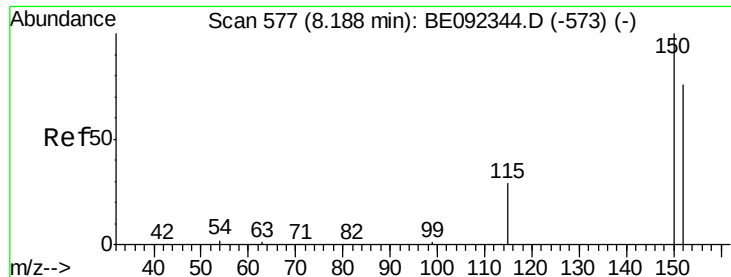
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.17 min Scan# 576

Delta R.T. -0.02 min

Lab File: BE092365.D

Acq: 9 Sep 2016 21:28

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-SF-006MSD

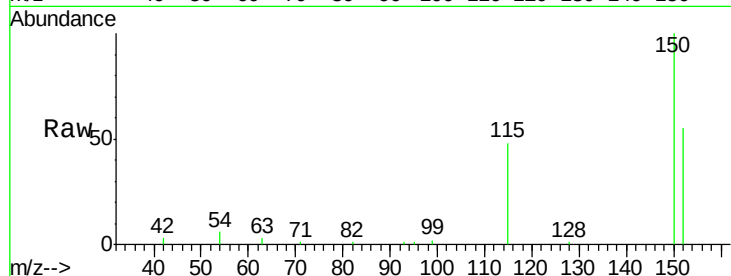
Tgt Ion:152 Resp: 10972

Ion Ratio Lower Upper

152 100

150 182.4 106.0 159.0#

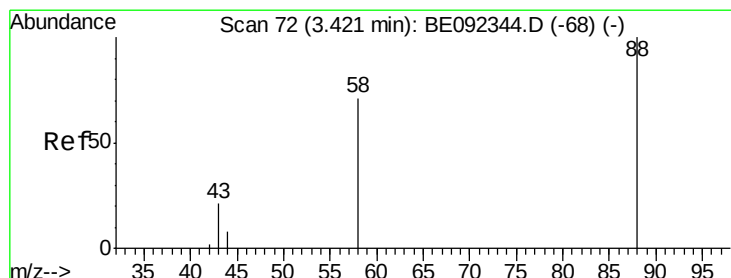
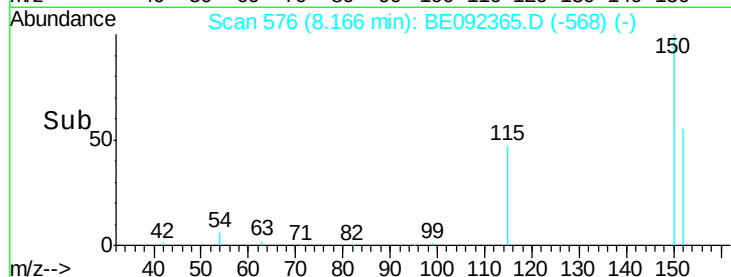
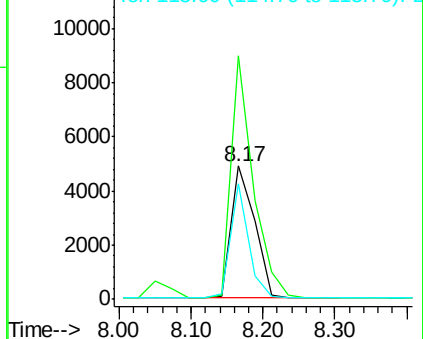
115 86.7 31.2 46.8#



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: 3.39 ng

RT: 3.42 min Scan# 72

Delta R.T. 0.00 min

Lab File: BE092365.D

Acq: 9 Sep 2016 21:28

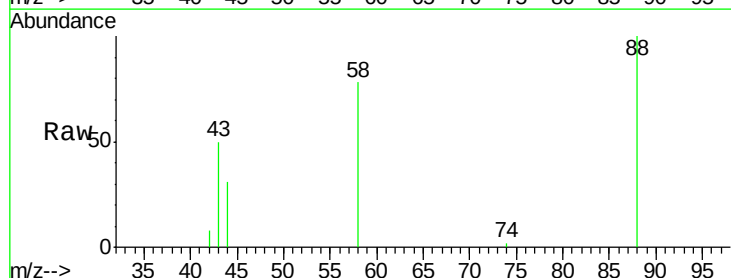
Tgt Ion: 88 Resp: 4578

Ion Ratio Lower Upper

88 100

58 89.9 63.6 95.4

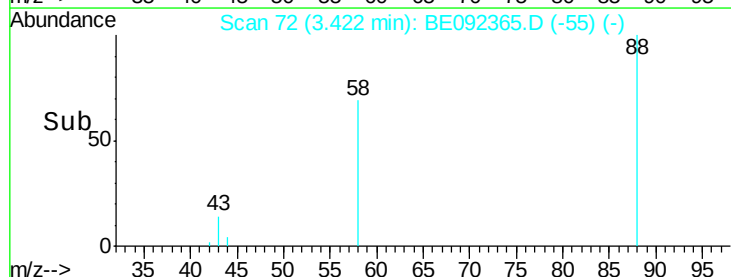
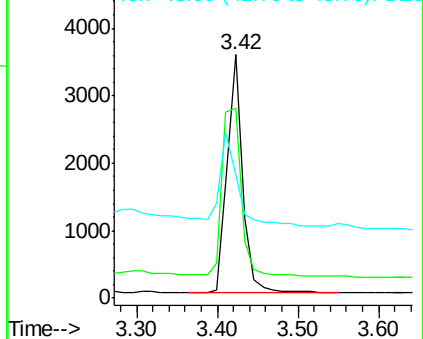
43 45.6 28.0 42.0#

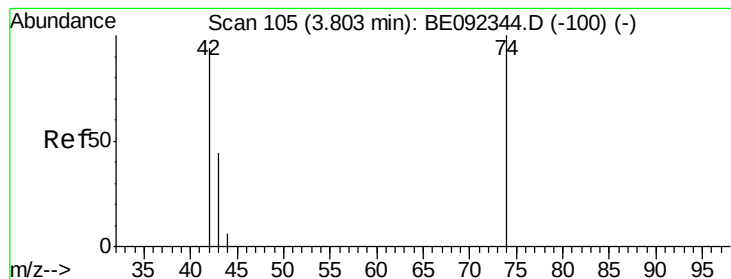


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 4.44 ng

RT: 3.76 min Scan# 101

Delta R.T. -0.04 min

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Acq: 9 Sep 2016 21:28

Instrument :

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TILCON-MH-SF-006MSD

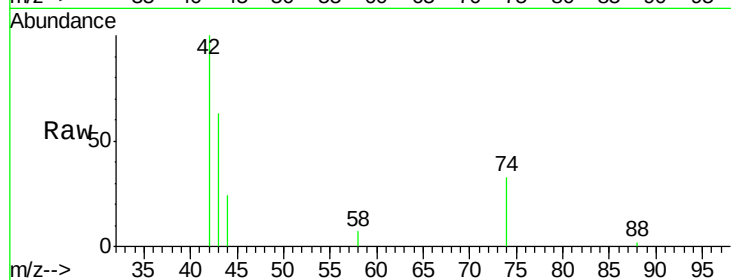
Tgt Ion: 42 Resp: 7739

Ion Ratio Lower Upper

42 100

74 109.9 86.0 129.0

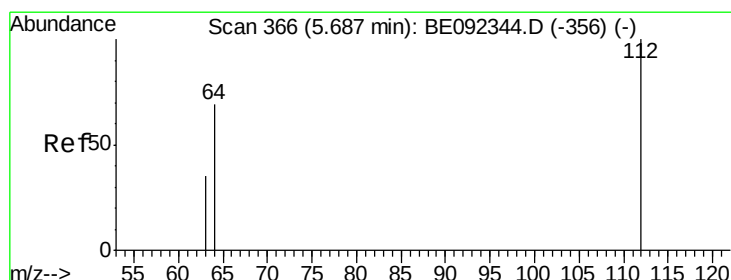
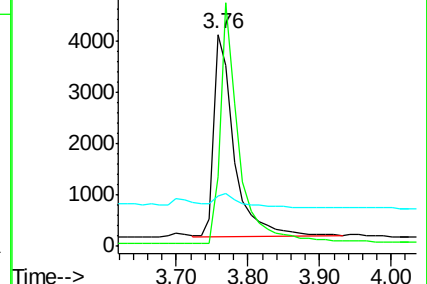
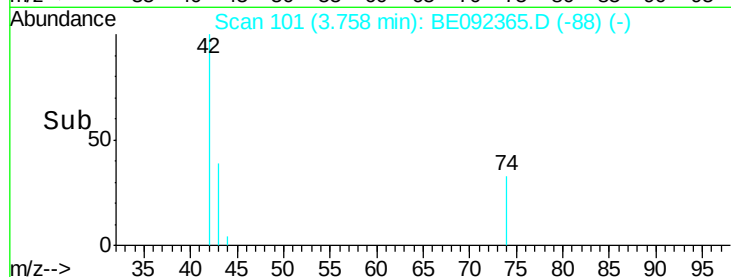
44 10.0 5.1 7.7#



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: 9.29 ng

RT: 5.68 min Scan# 364

Delta R.T. -0.01 min

Lab File: BE092365.D

Acq: 9 Sep 2016 21:28

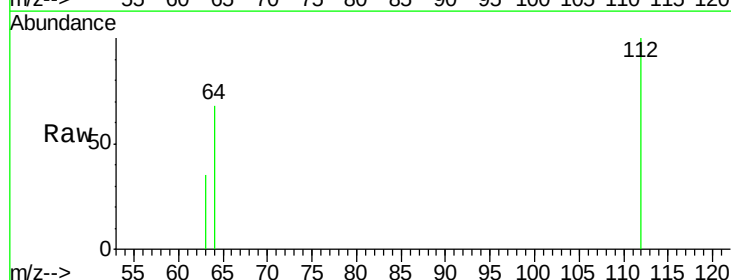
Tgt Ion: 112 Resp: 24222

Ion Ratio Lower Upper

112 100

64 68.0 53.5 80.3

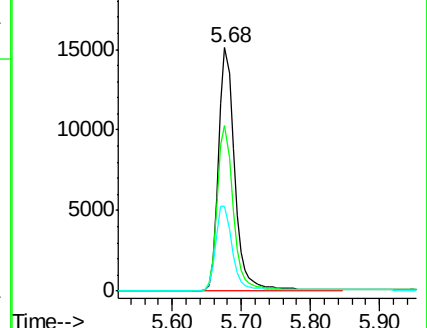
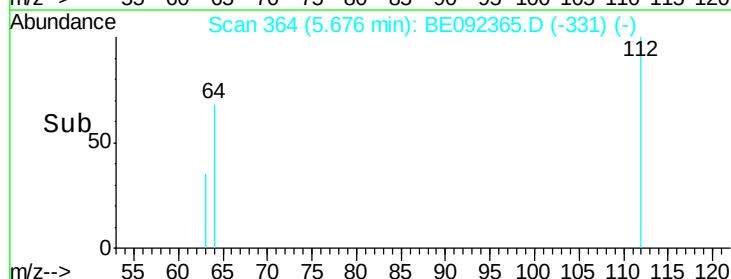
63 36.1 27.9 41.9

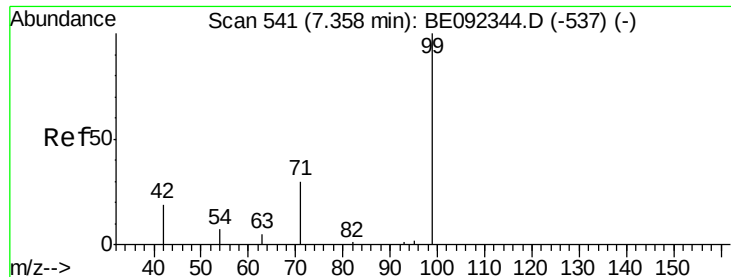


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 9.99 ng

RT: 7.34 min Scan# 540

Delta R.T. -0.02 min

Lab File: BE092365.D

Acq: 9 Sep 2016 21:28

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-SF-006MSD

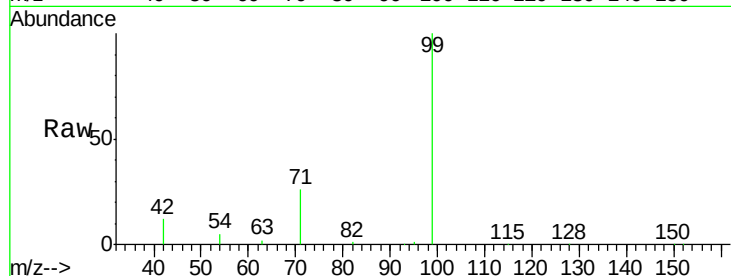
Tgt Ion: 99 Resp: 34770

Ion Ratio Lower Upper

99 100

42 0.0 16.0 24.0#

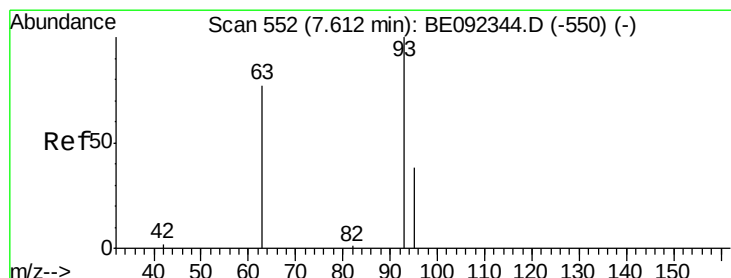
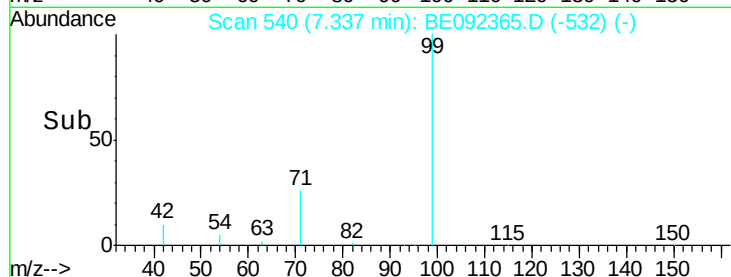
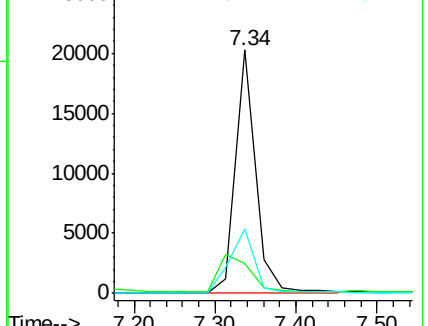
71 32.4 30.6 45.8



Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



#6

bis(2-Chloroethyl)ether

Concen: 4.09 ng

RT: 7.59 min Scan# 551

Delta R.T. -0.02 min

Lab File: BE092365.D

Acq: 9 Sep 2016 21:28

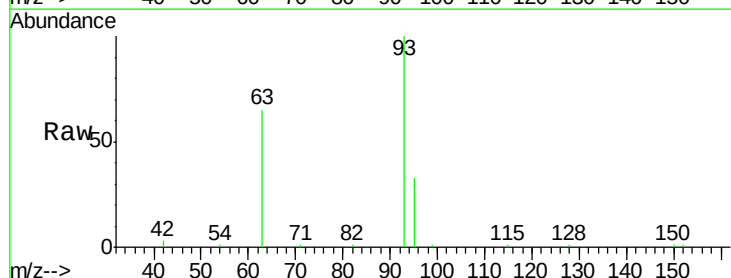
Tgt Ion: 93 Resp: 13622

Ion Ratio Lower Upper

93 100

63 79.9 71.6 107.4

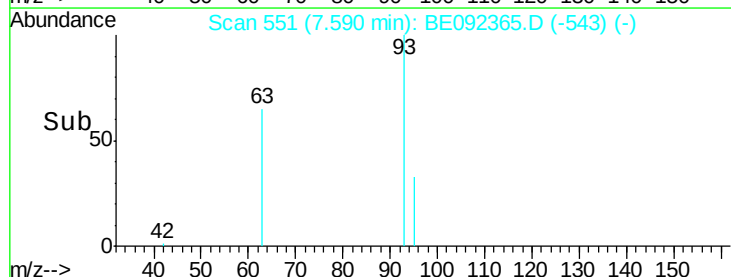
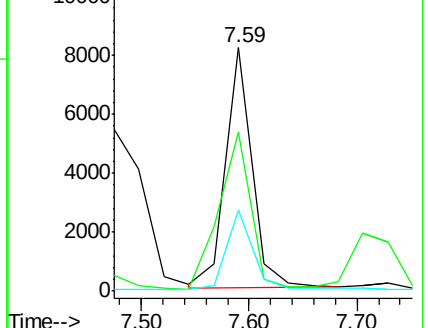
95 32.8 24.0 36.0

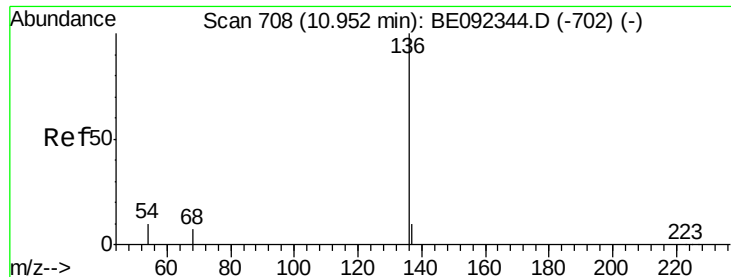


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.95 min Scan# 708

Delta R.T. 0.00 min

Lab File: BE092365.D

Acq: 9 Sep 2016 21:28

Instrument :

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ClientSampleId :

TILCON-MH-SF-006MSD

Tgt Ion:136 Resp: 50348

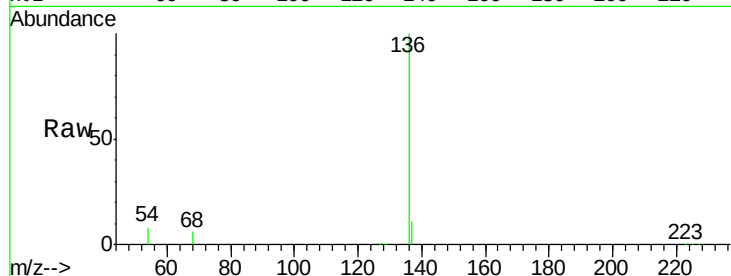
Ion Ratio Lower Upper

136 100

137 10.9 8.2 12.4

54 7.8 9.6 14.4#

68 5.8 6.7 10.1#

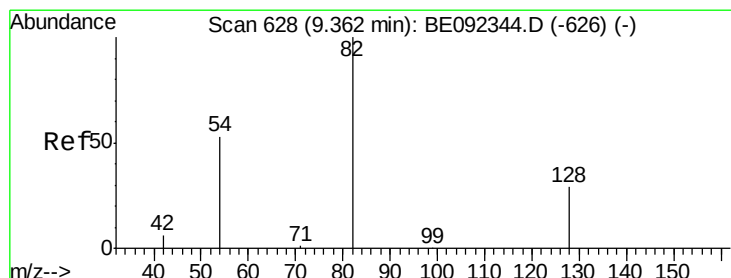
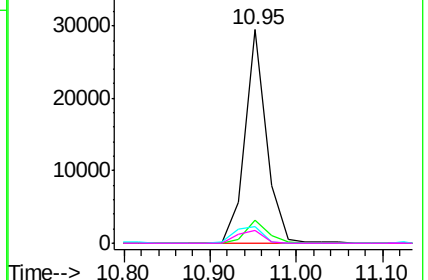
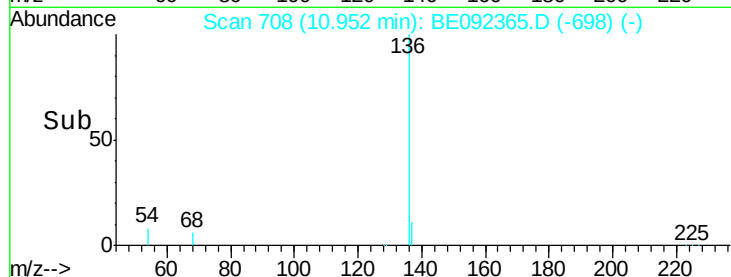


Abundance Ion 136.00 (135.70 to 136.70): E

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: 4.57 ng

RT: 9.34 min Scan# 627

Delta R.T. -0.02 min

Lab File: BE092365.D

Acq: 9 Sep 2016 21:28

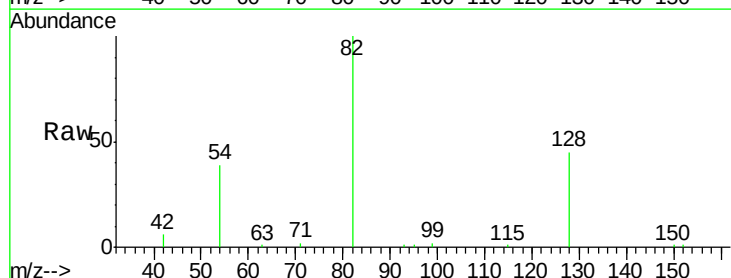
Tgt Ion: 82 Resp: 16540

Ion Ratio Lower Upper

82 100

128 44.6 39.0 58.4

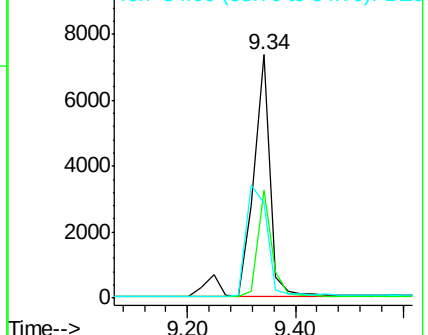
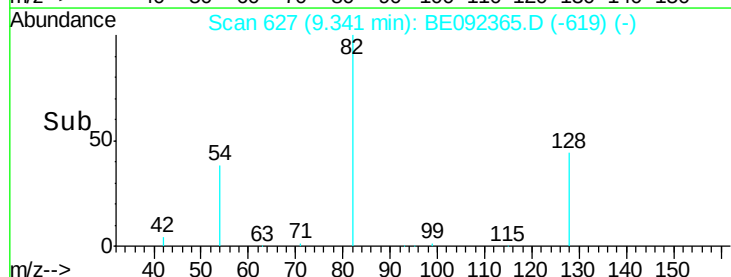
54 38.9 44.8 67.2#

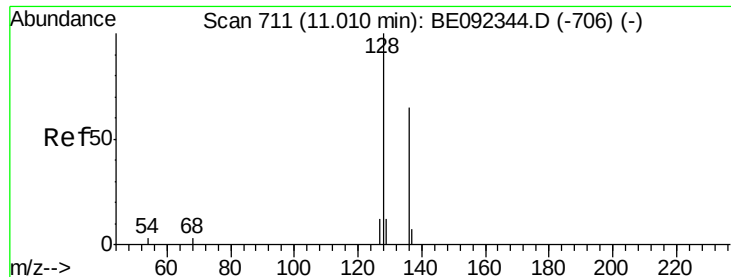


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 3.86 ng

RT: 10.99 min Scan# 710

Delta R.T. -0.02 min

Lab File: BE092365.D

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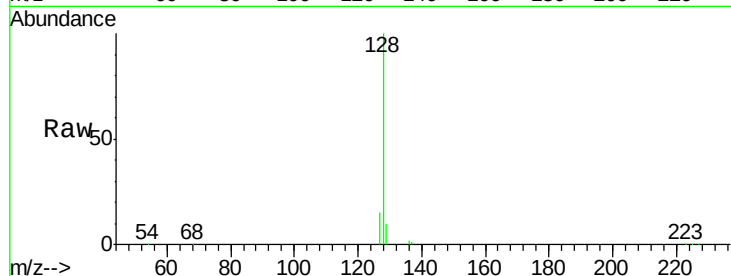
Tgt Ion:128 Resp: 43578

Ion Ratio Lower Upper

128 100

129 10.0 11.2 16.8#

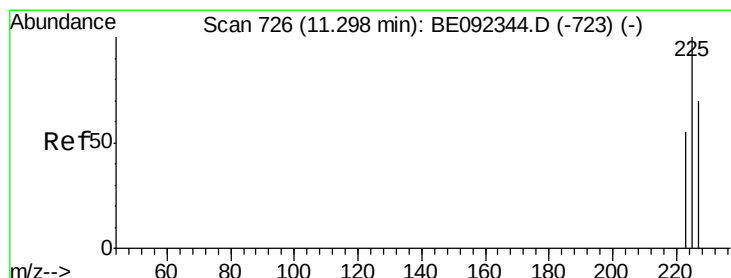
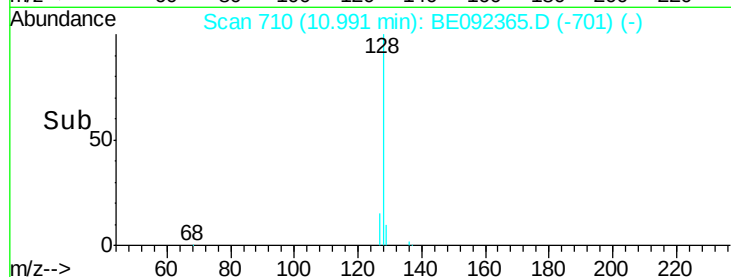
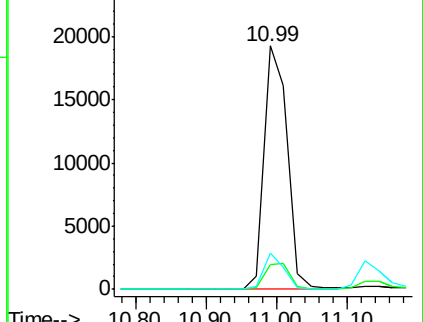
127 14.7 11.6 17.4



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: 3.71 ng

RT: 11.30 min Scan# 726

Delta R.T. 0.00 min

Lab File: BE092365.D

Acq: 9 Sep 2016 21:28

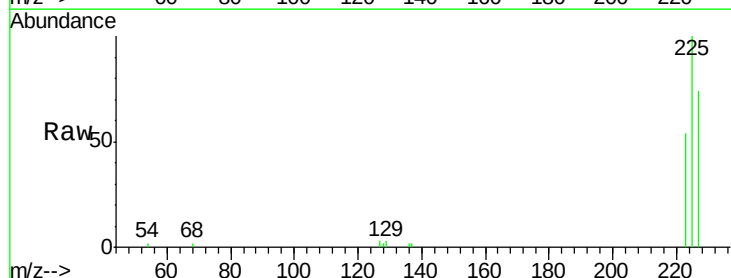
Tgt Ion:225 Resp: 6519

Ion Ratio Lower Upper

225 100

223 63.0 50.6 76.0

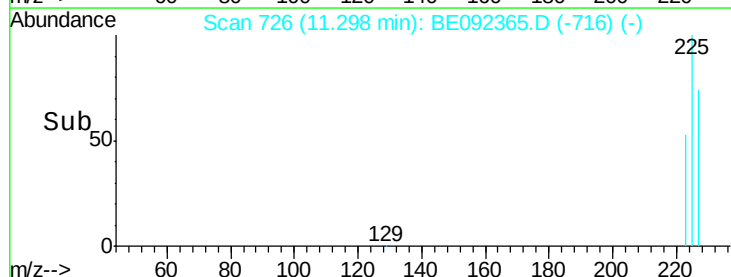
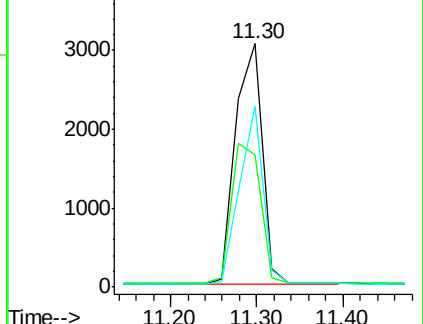
227 64.4 51.4 77.0

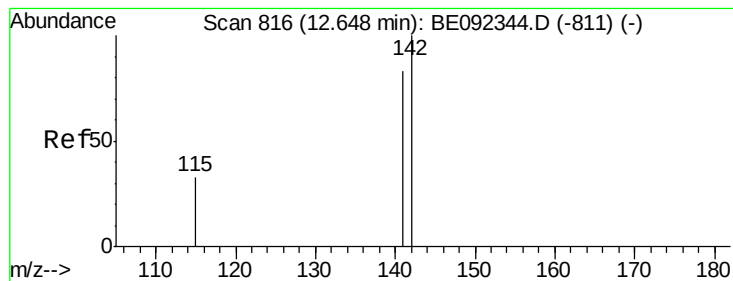


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene

Concen: 4.13 ng

RT: 12.62 min Scan# 814

Delta R.T. -0.02 min

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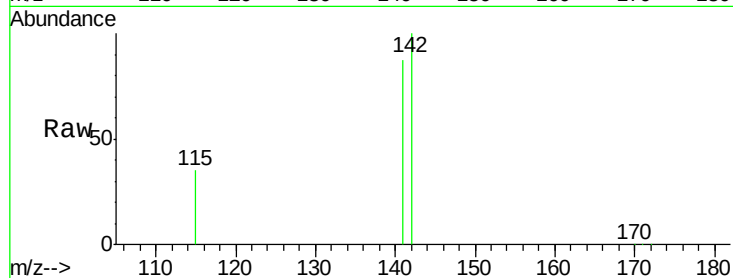
Tgt Ion:142 Resp: 30479

Ion Ratio Lower Upper

142 100

141 87.4 73.7 110.5

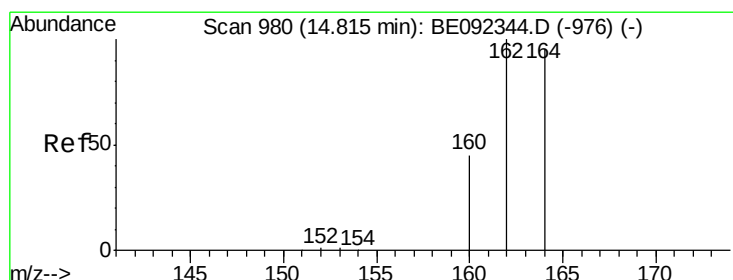
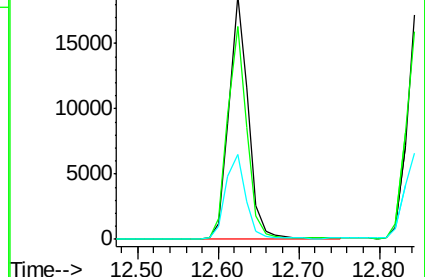
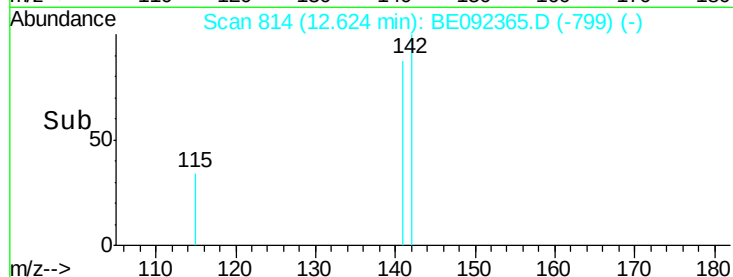
115 34.8 34.0 51.0



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: 14.82 min Scan# 980

Delta R.T. 0.00 min

Lab File: BE092365.D

Acq: 9 Sep 2016 21:28

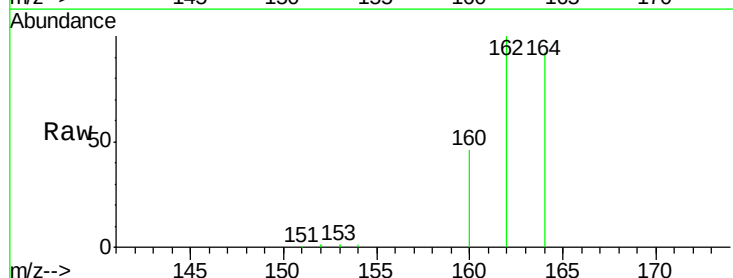
Tgt Ion:164 Resp: 27372

Ion Ratio Lower Upper

164 100

162 108.4 71.4 107.0#

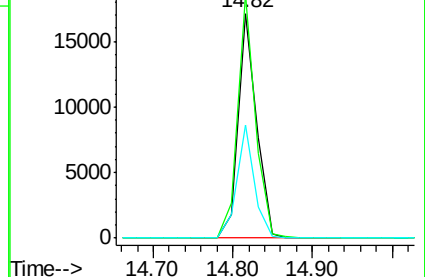
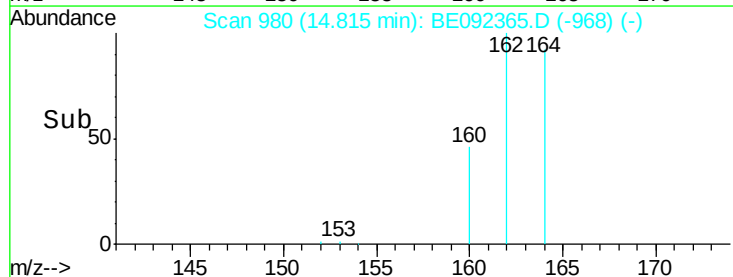
160 50.4 27.4 41.2#

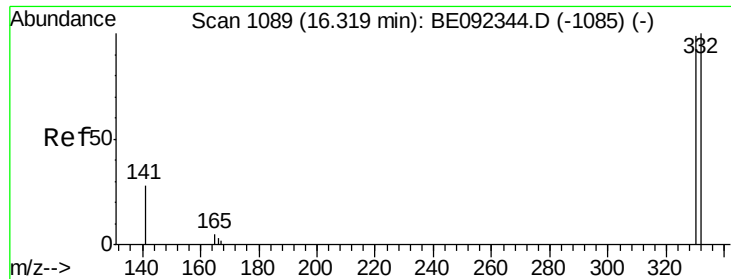


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

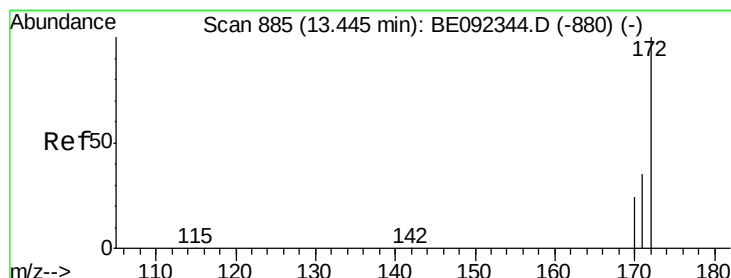
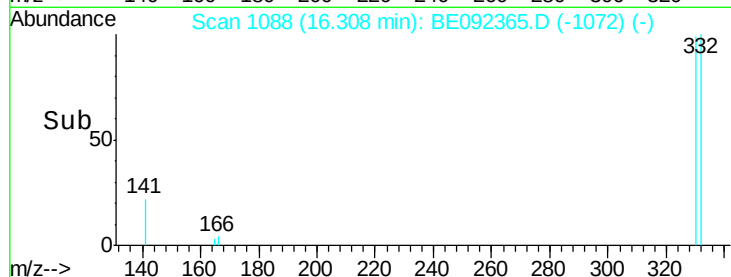
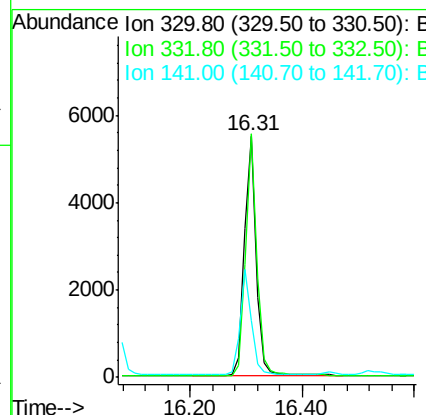
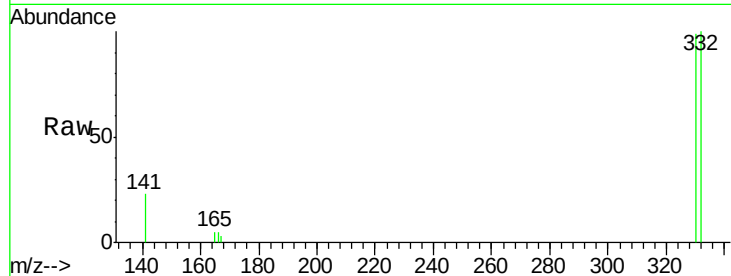




#13
 2,4,6-Tribromophenol
 Concen: 9.58 ng
 RT: 16.31 min Scan# 1088
 Delta R.T. -0.01 min
 Lab File: BE092365.D
 Acq: 9 Sep 2016 21:28

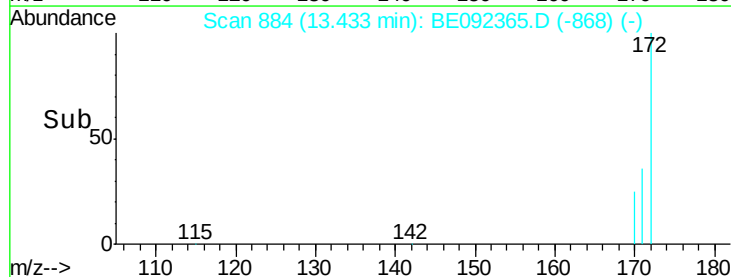
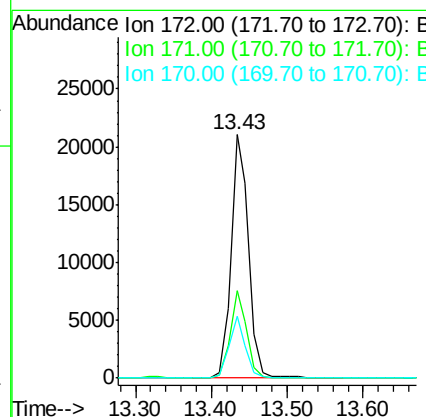
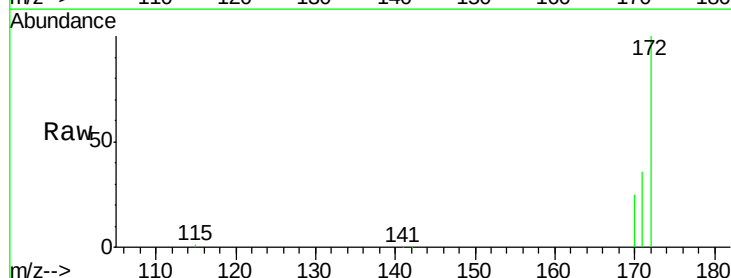
Instrument :
 BNA_E
 ClientSampleId :
 TILCON-MH-SF-006MSD

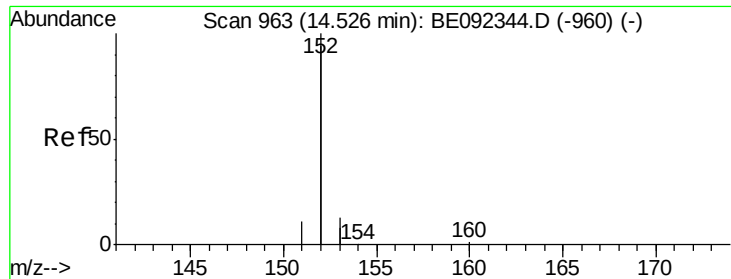
Tgt Ion:330 Resp: 8125
 Ion Ratio Lower Upper
 330 100
 332 96.5 75.4 113.0
 141 42.3 31.0 46.6



#14
 2-Fluorobiphenyl
 Concen: 4.04 ng
 RT: 13.43 min Scan# 884
 Delta R.T. -0.01 min
 Lab File: BE092365.D
 Acq: 9 Sep 2016 21:28

Tgt Ion:172 Resp: 33938
 Ion Ratio Lower Upper
 172 100
 171 36.2 30.1 45.1
 170 25.4 21.8 32.6

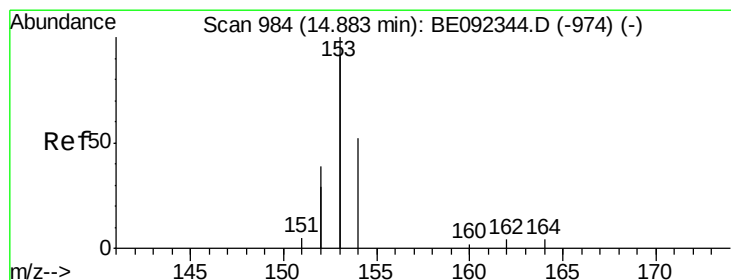
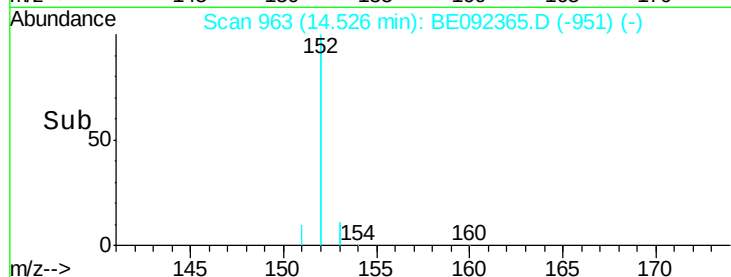
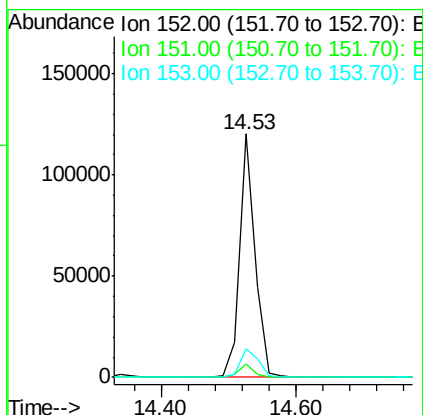
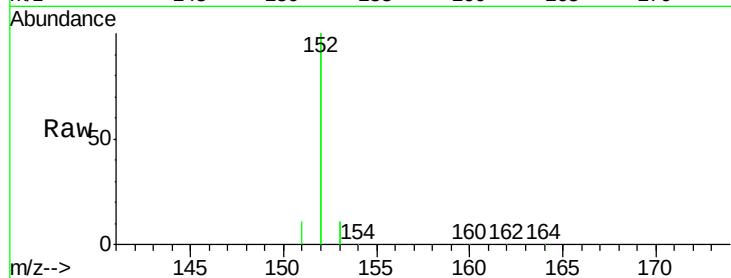




#15
Acenaphthylene
Concen: 4.01 ng
RT: 14.53 min Scan# 963
Delta R.T. 0.00 min
Lab File: BE092365.D
Acq: 9 Sep 2016 21:28

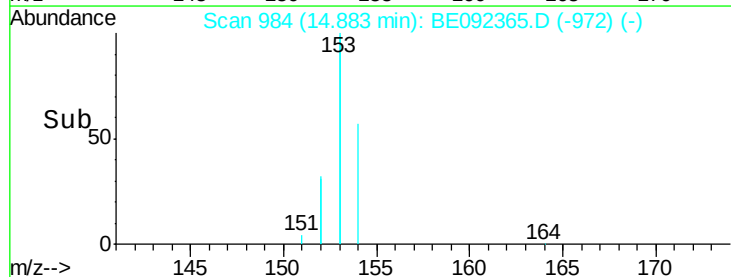
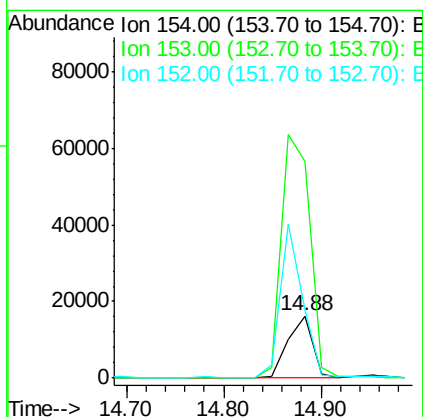
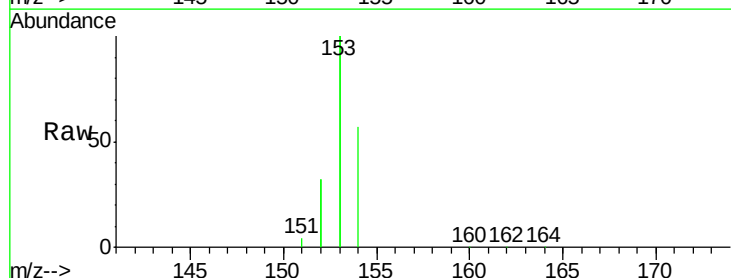
Instrument :
BNA_E
ClientSampleId :
TILCON-MH-SF-006MSD

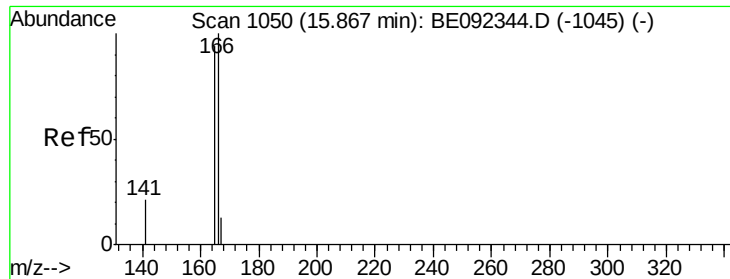
Tgt Ion:152 Resp: 189121
Ion Ratio Lower Upper
152 100
151 5.0 3.9 5.9
153 13.2 10.4 15.6



#16
Acenaphthene
Concen: 3.74 ng
RT: 14.88 min Scan# 984
Delta R.T. 0.00 min
Lab File: BE092365.D
Acq: 9 Sep 2016 21:28

Tgt Ion:154 Resp: 28497
Ion Ratio Lower Upper
154 100
153 451.1 350.8 526.2
152 222.6 171.1 256.7

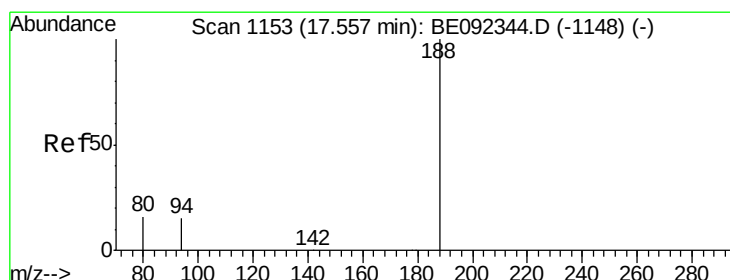
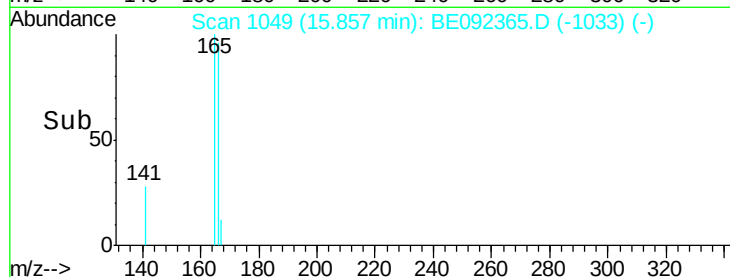
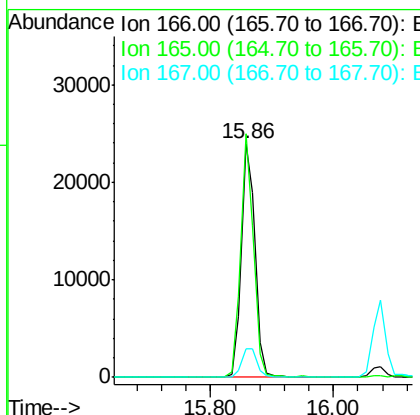
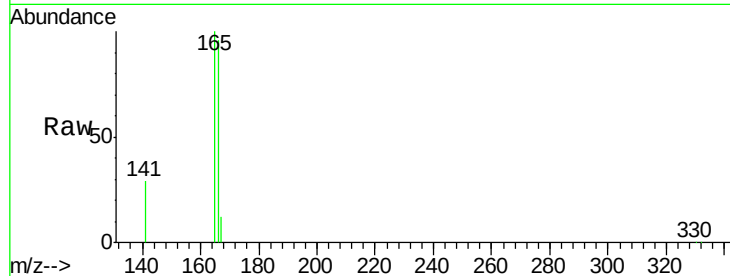




#17
 Fluorene
 Concen: 3.88 ng
 RT: 15.86 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: BE092365.D
 Acq: 9 Sep 2016 21:28

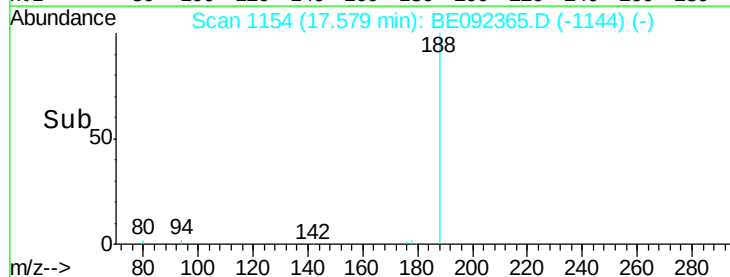
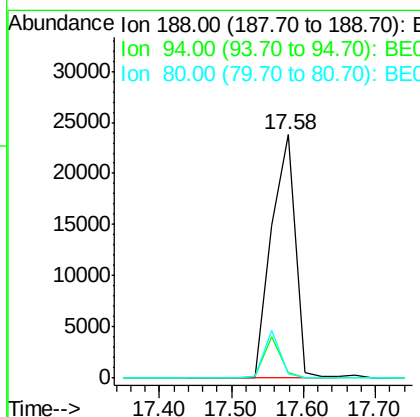
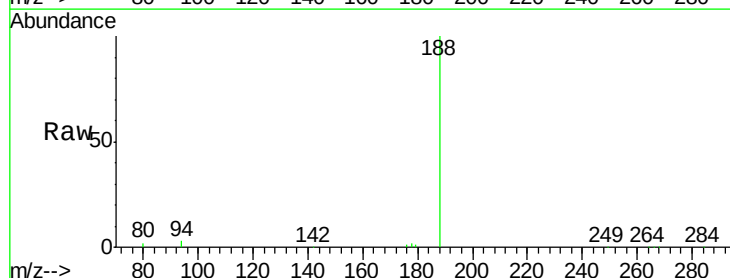
Instrument :
 BNA_E
 ClientSampleId :
 TILCON-MH-SF-006MSD

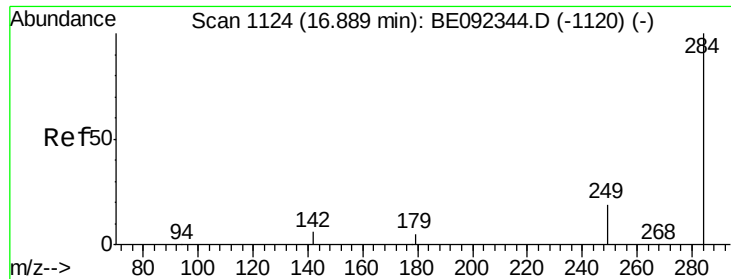
Tgt Ion:166 Resp: 37170
 Ion Ratio Lower Upper
 166 100
 165 97.9 78.2 117.4
 167 13.4 11.0 16.4



#18
 Phenanthrene-d10
 Concen: 5.00 ng
 RT: 17.58 min Scan# 1154
 Delta R.T. 0.02 min
 Lab File: BE092365.D
 Acq: 9 Sep 2016 21:28

Tgt Ion:188 Resp: 54450
 Ion Ratio Lower Upper
 188 100
 94 2.5 3.2 4.8#
 80 2.0 2.6 3.8#

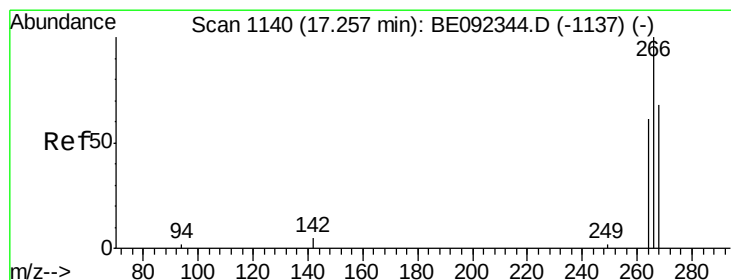
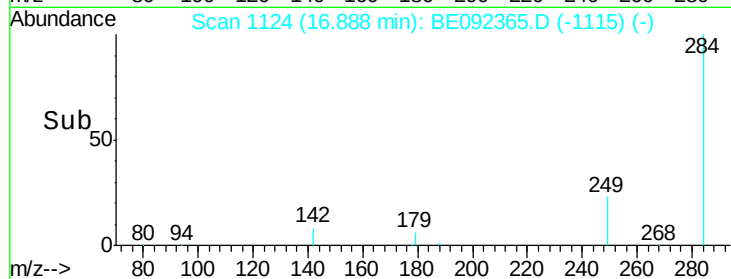
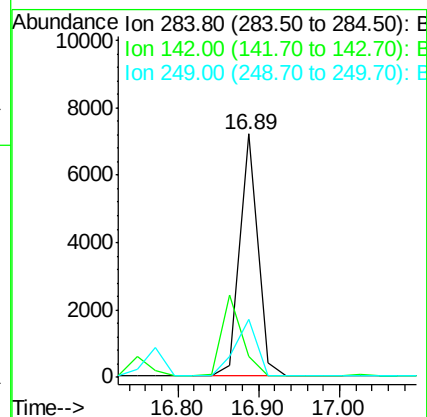
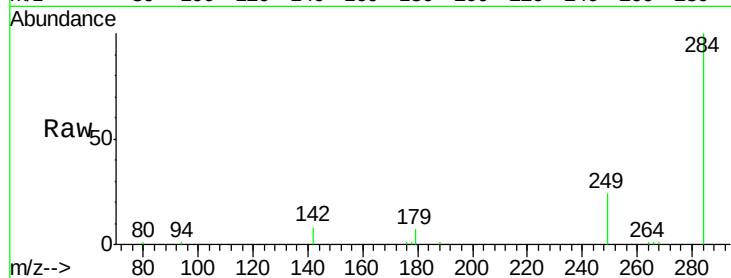




#19
Hexachlorobenzene
Concen: 4.18 ng
RT: 16.89 min Scan# 1124
Delta R.T. -0.00 min
Lab File: BE092365.D
Acq: 9 Sep 2016 21:28

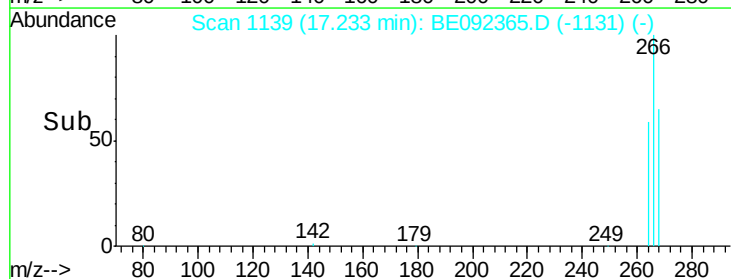
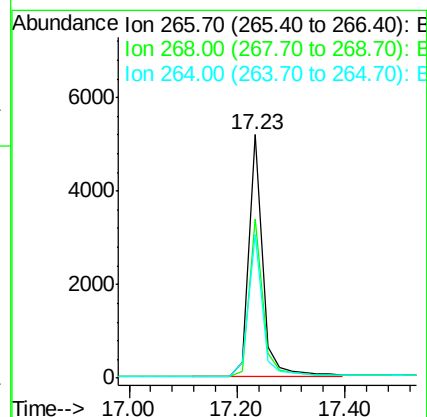
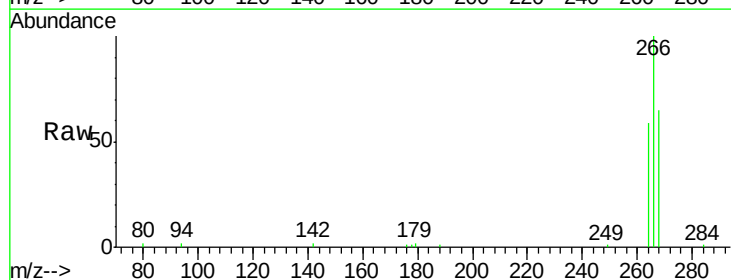
Instrument :
BNA_E
ClientSampleId :
TILCON-MH-SF-006MSD

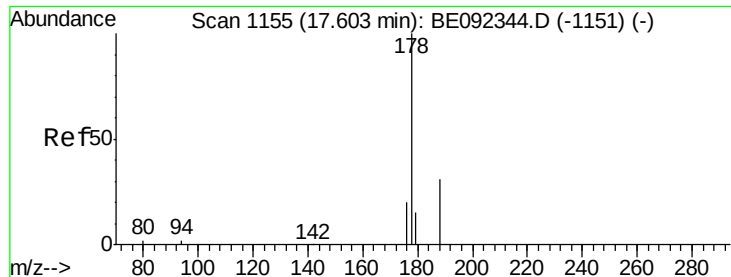
Tgt Ion: 284 Resp: 10908
Ion Ratio Lower Upper
284 100
142 0.0 29.1 43.7#
249 28.5 27.9 41.9



#20
Pentachlorophenol
Concen: 6.67 ng
RT: 17.23 min Scan# 1139
Delta R.T. -0.02 min
Lab File: BE092365.D
Acq: 9 Sep 2016 21:28

Tgt Ion: 266 Resp: 9034
Ion Ratio Lower Upper
266 100
268 65.3 62.5 93.7
264 59.3 57.2 85.8





#21

Phenanthrene

Concen: 3.95 ng

RT: 17.60 min Scan# 1155

Delta R.T. -0.00 min

Lab File: BE092365.D

Acq: 9 Sep 2016 21:28

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-SF-006MSD

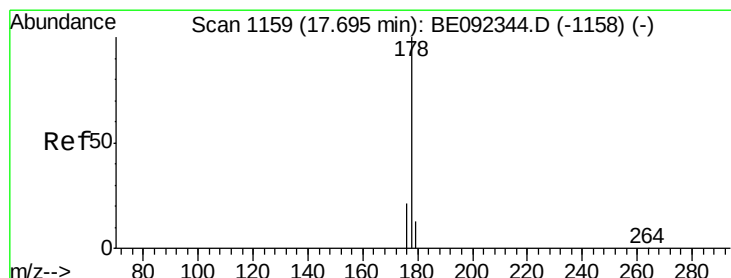
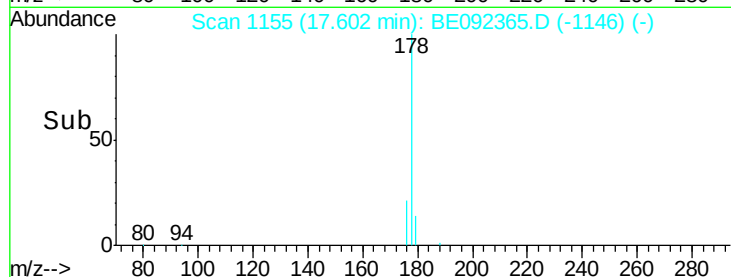
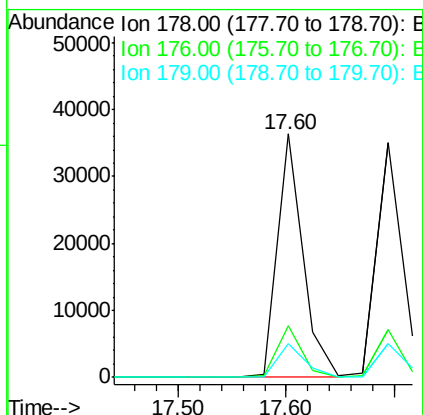
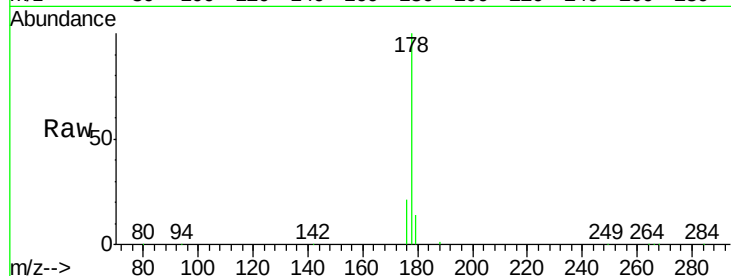
Tgt Ion:178 Resp: 60457

Ion Ratio Lower Upper

178 100

176 20.1 15.8 23.8

179 15.0 16.0 24.0#



#22

Anthracene

Concen: 4.30 ng

RT: 17.69 min Scan# 1159

Delta R.T. -0.00 min

Lab File: BE092365.D

Acq: 9 Sep 2016 21:28

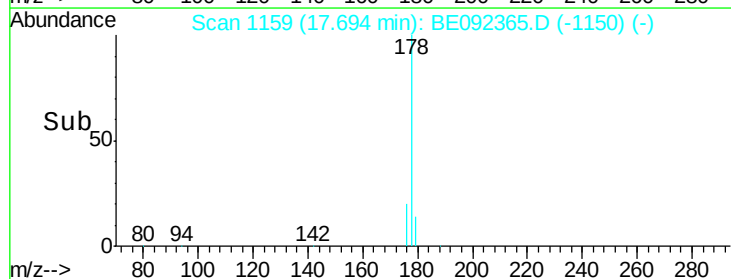
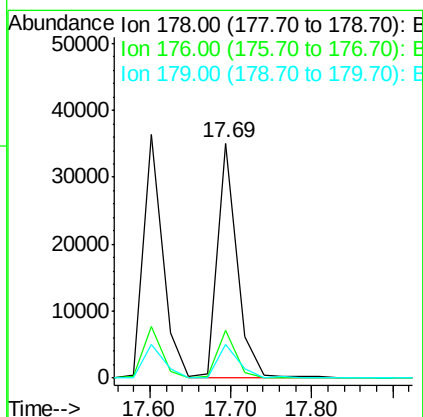
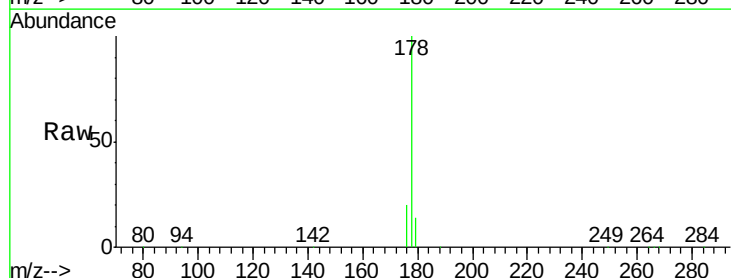
Tgt Ion:178 Resp: 58487

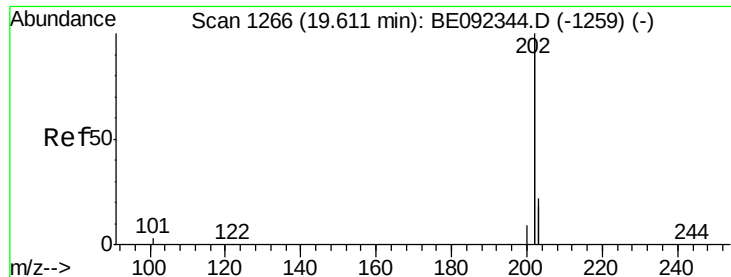
Ion Ratio Lower Upper

178 100

176 19.3 15.0 22.4

179 15.0 12.2 18.2

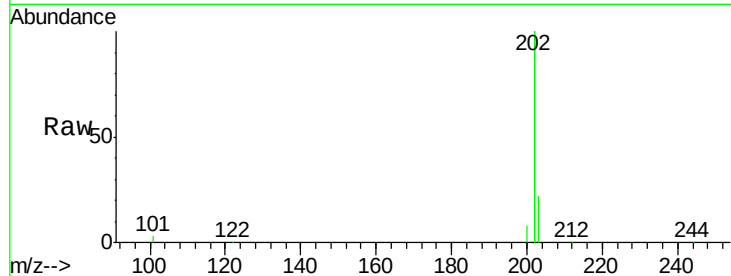




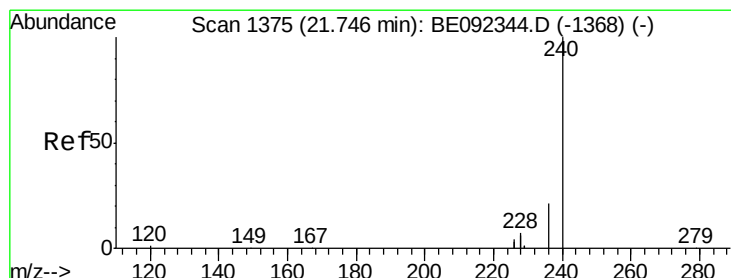
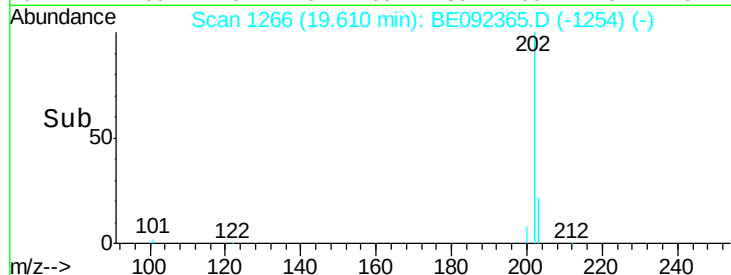
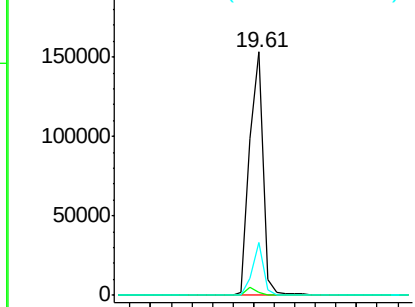
#23
 Fluoranthene
 Concen: 4.10 ng
 RT: 19.61 min Scan# 1266
 Delta R.T. -0.00 min
 Lab File: BE092365.D
 Acq: 9 Sep 2016 21:28

Instrument :
 BNA_E
 ClientSampleId :
 TILCON-MH-SF-006MSD

Tgt Ion: 202 Resp: 274154
 Ion Ratio Lower Upper
 202 100
 101 2.9 2.2 3.4
 203 18.0 13.7 20.5

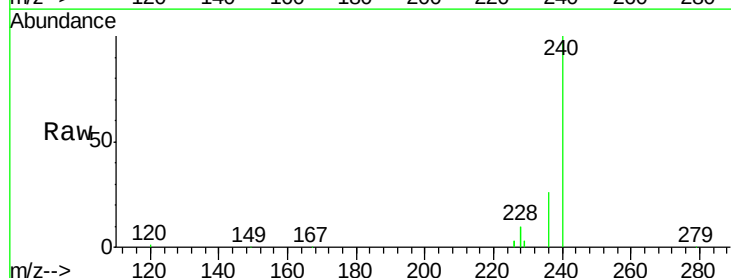


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

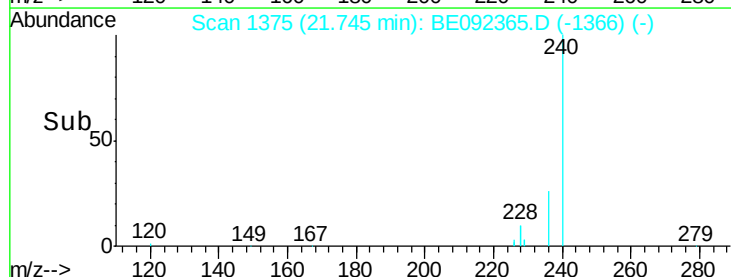
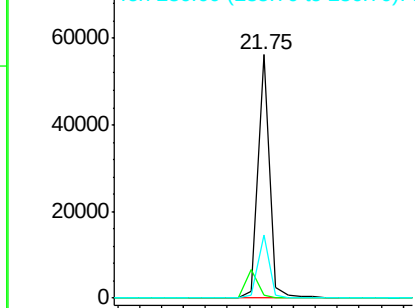


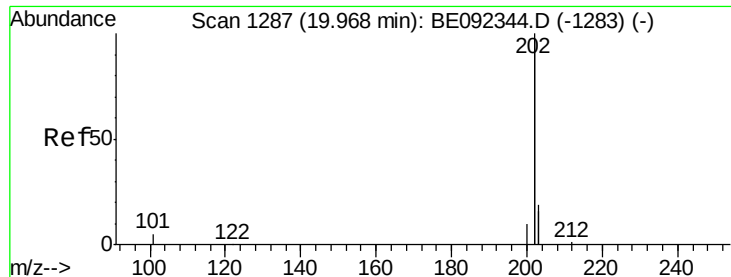
#24
 Chrysene-d12
 Concen: 5.00 ng
 RT: 21.75 min Scan# 1375
 Delta R.T. -0.00 min
 Lab File: BE092365.D
 Acq: 9 Sep 2016 21:28

Tgt Ion: 240 Resp: 83480
 Ion Ratio Lower Upper
 240 100
 120 1.3 2.6 4.0#
 236 25.8 24.6 37.0



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

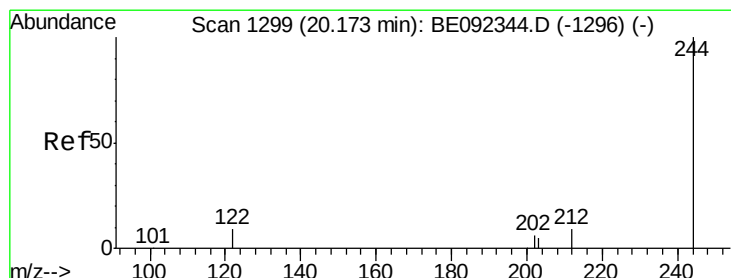
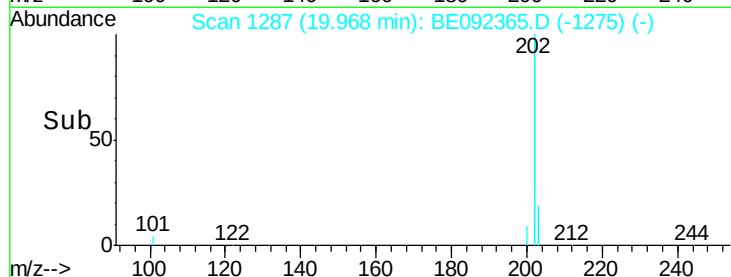
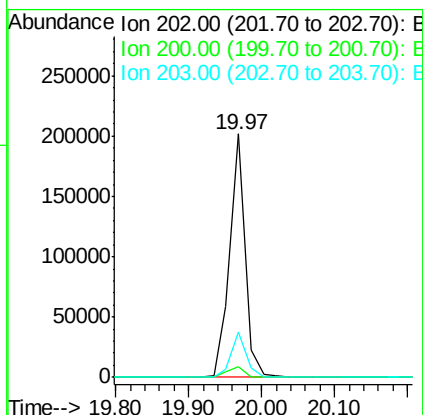
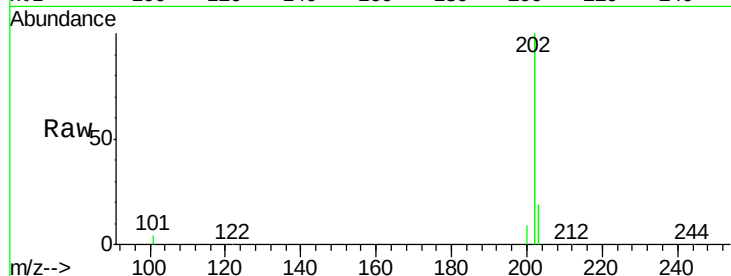




#25
 Pyrene
 Concen: 3.63 ng
 RT: 19.97 min Scan# 1287
 Delta R.T. -0.00 min
 Lab File: BE092365.D
 Acq: 9 Sep 2016 21:28

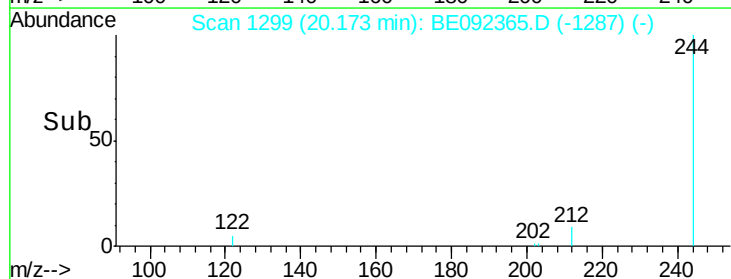
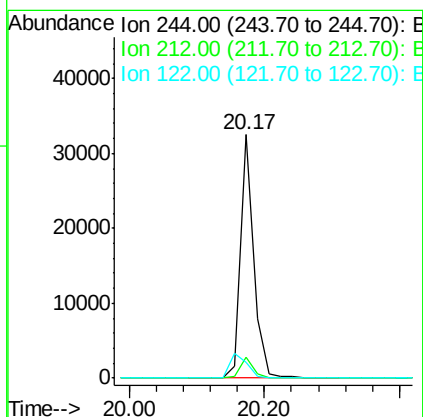
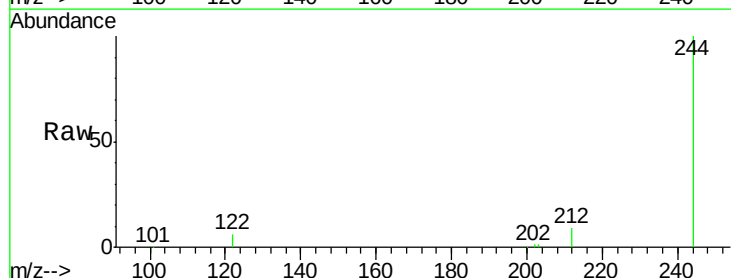
Instrument :
 BNA_E
 ClientSampleId :
 TILCON-MH-SF-006MSD

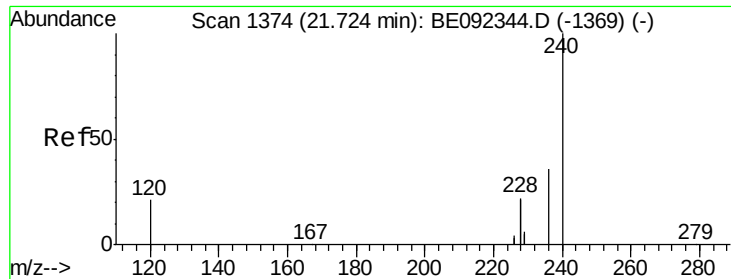
Tgt Ion: 202 Resp: 294485
 Ion Ratio Lower Upper
 202 100
 200 5.2 4.2 6.4
 203 18.3 13.9 20.9



#26
 Terphenyl-d14
 Concen: 3.54 ng
 RT: 20.17 min Scan# 1299
 Delta R.T. -0.00 min
 Lab File: BE092365.D
 Acq: 9 Sep 2016 21:28

Tgt Ion: 244 Resp: 43742
 Ion Ratio Lower Upper
 244 100
 212 8.8 6.7 10.1
 122 6.2 3.6 5.4#

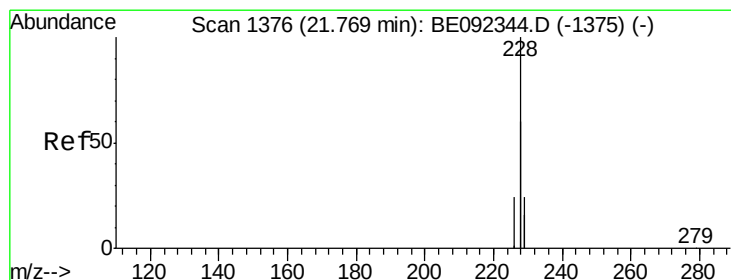
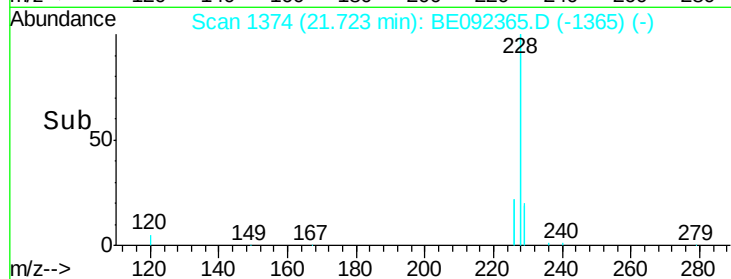
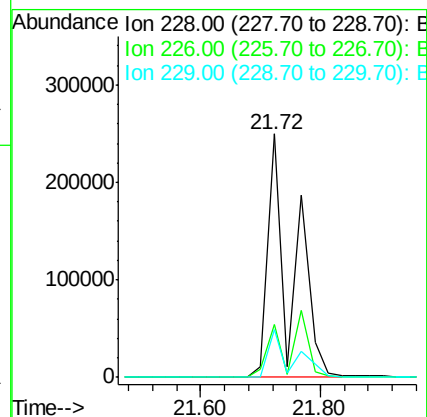
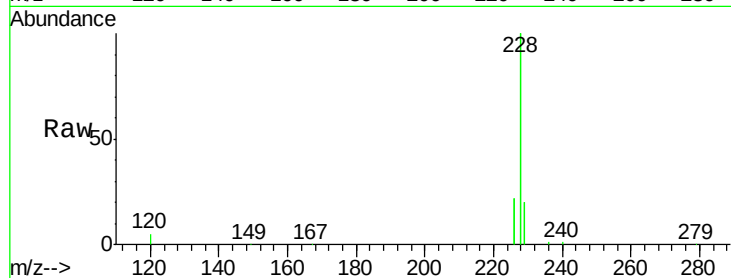




#27
Benzo(a)anthracene
Concen: 7.53 ng
RT: 21.72 min Scan# 1374
Delta R.T. -0.00 min
Lab File: BE092365.D
Acq: 9 Sep 2016 21:28

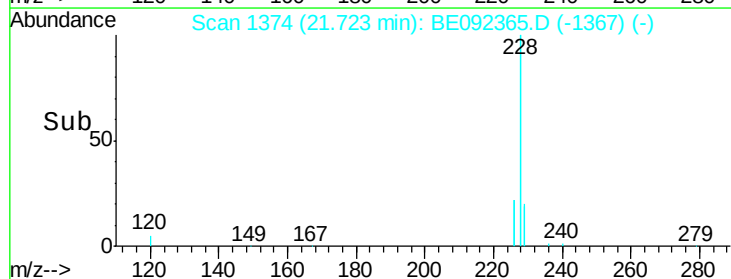
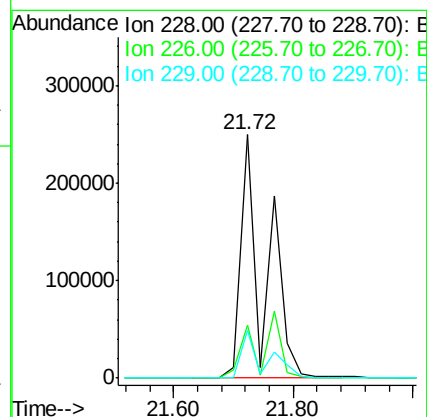
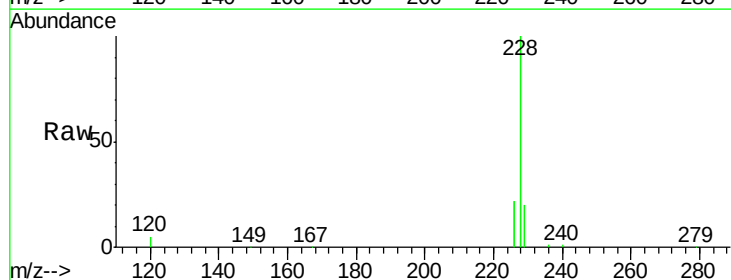
Instrument :
BNA_E
ClientSampleId :
TILCON-MH-SF-006MSD

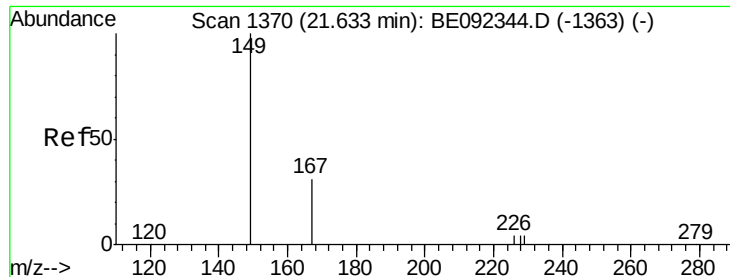
Tgt Ion:228 Resp: 678189
Ion Ratio Lower Upper
228 100
226 21.9 23.6 35.4#
229 19.7 13.3 19.9



#28
Chrysene
Concen: 8.26 ng
RT: 21.72 min Scan# 1374
Delta R.T. -0.05 min
Lab File: BE092365.D
Acq: 9 Sep 2016 21:28

Tgt Ion:228 Resp: 681360
Ion Ratio Lower Upper
228 100
226 21.9 36.3 54.5#
229 19.7 10.6 16.0#

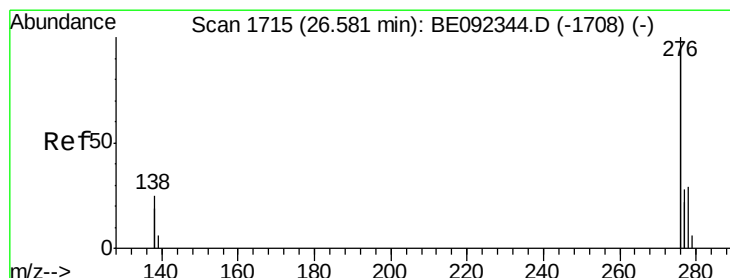
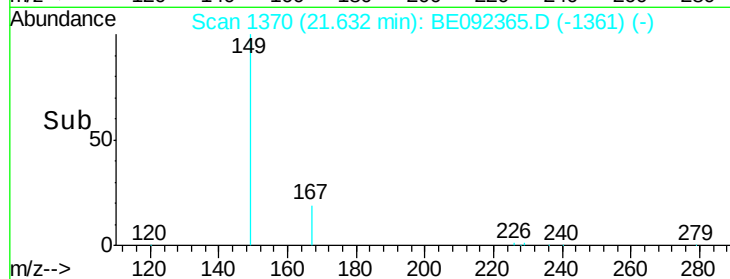
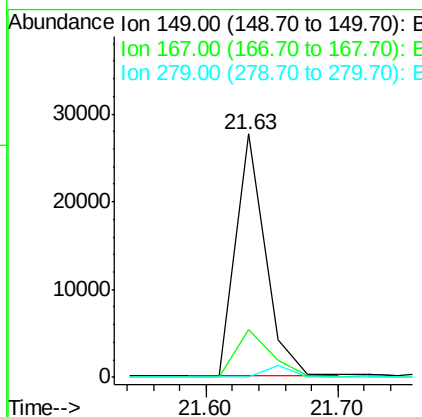
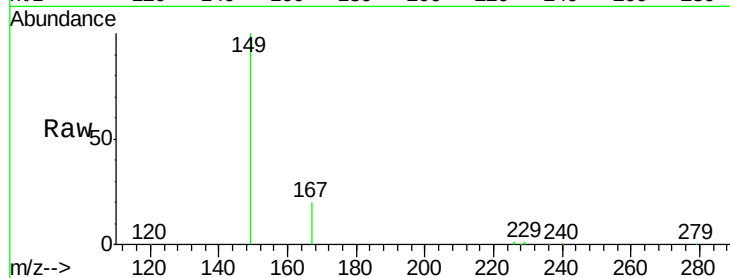




#29
 Bis(2-ethylhexyl)phthalate
 Concen: 3.74 ng
 RT: 21.63 min Scan# 1370
 Delta R.T. -0.00 min
 Lab File: BE092365.D
 Acq: 9 Sep 2016 21:28

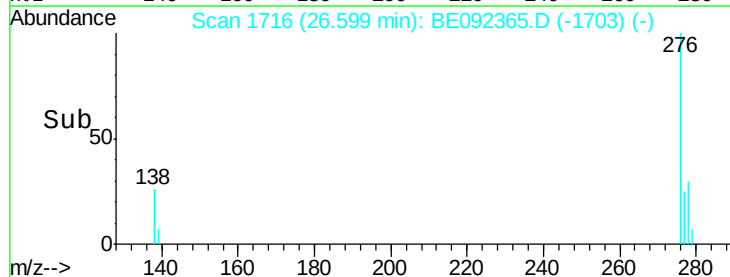
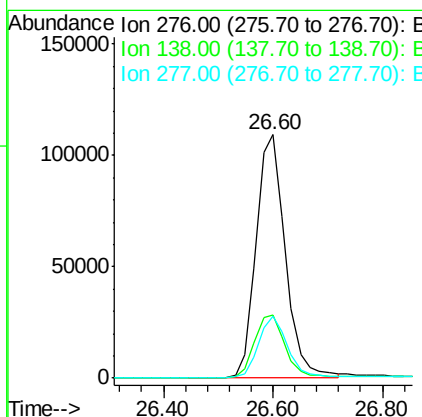
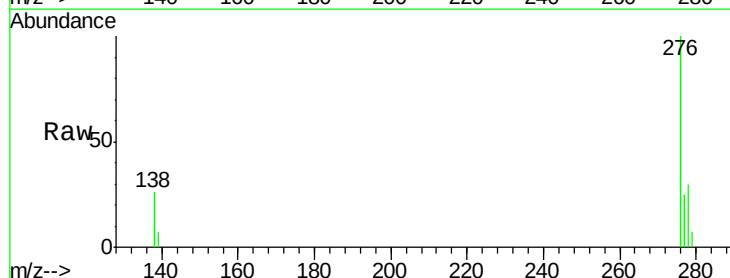
Instrument :
 BNA_E
 ClientSampleId :
 TILCON-MH-SF-006MSD

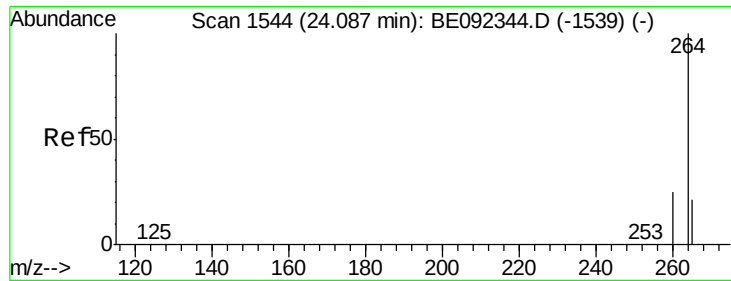
Tgt Ion: 149 Resp: 43264
 Ion Ratio Lower Upper
 149 100
 167 22.8 16.0 24.0
 279 0.0 16.0 24.0#



#30
 Indeno(1,2,3-cd)pyrene
 Concen: 4.26 ng
 RT: 26.60 min Scan# 1716
 Delta R.T. 0.02 min
 Lab File: BE092365.D
 Acq: 9 Sep 2016 21:28

Tgt Ion: 276 Resp: 404548
 Ion Ratio Lower Upper
 276 100
 138 26.7 20.3 30.5
 277 24.8 19.7 29.5

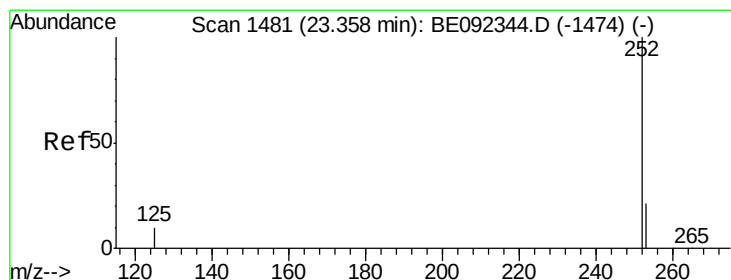
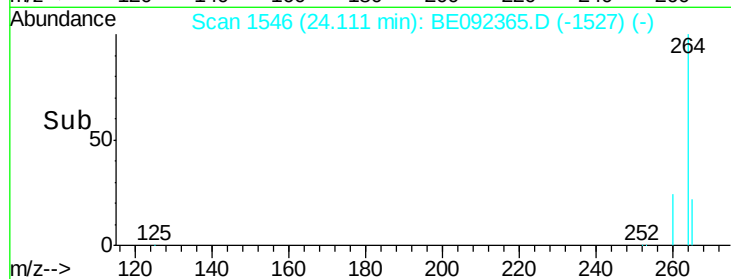
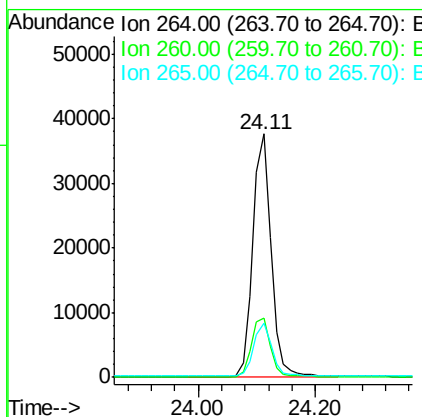
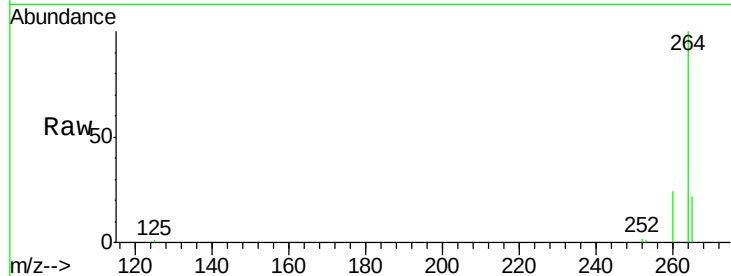




#31
Perylene-d12
 Concen: 5.00 ng
 RT: 24.11 min Scan# 1546
 Delta R.T. 0.02 min
 Lab File: BE092365.D
 Acq: 9 Sep 2016 21:28

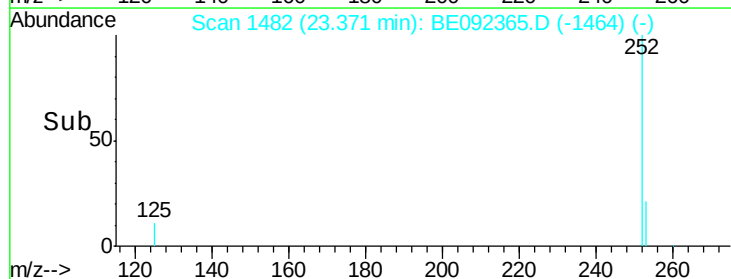
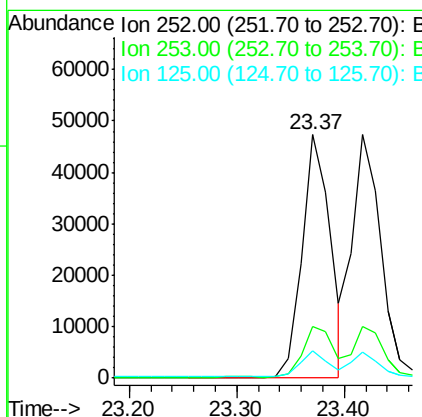
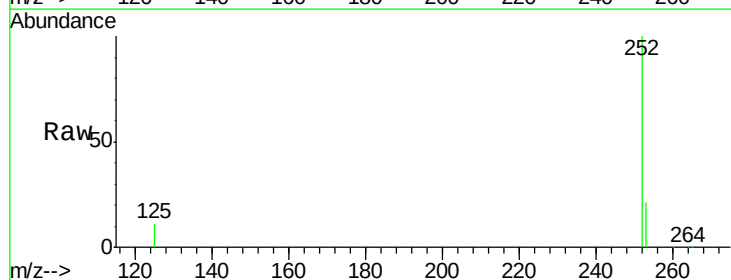
Instrument :
 BNA_E
 ClientSampleId :
 TILCON-MH-SF-006MSD

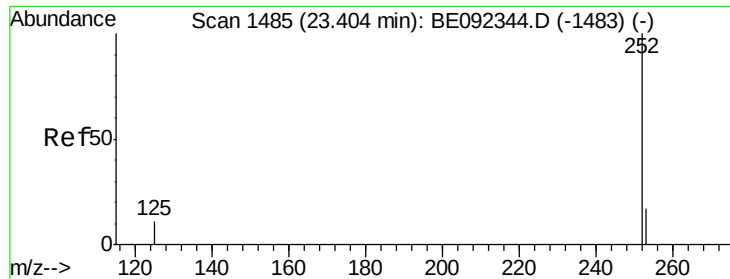
Tgt Ion: 264 Resp: 81721
 Ion Ratio Lower Upper
 264 100
 260 24.3 20.1 30.1
 265 22.3 17.9 26.9



#32
Benzo(b)fluoranthene
 Concen: 4.10 ng
 RT: 23.37 min Scan# 1482
 Delta R.T. 0.01 min
 Lab File: BE092365.D
 Acq: 9 Sep 2016 21:28

Tgt Ion: 252 Resp: 86021
 Ion Ratio Lower Upper
 252 100
 253 21.3 18.7 28.1
 125 11.2 10.5 15.7





#33

Benzo(k)fluoranthene

Concen: 3.99 ng

RT: 23.42 min Scan# 1486

Delta R.T. 0.01 min

Lab File: BE092365.D

Acq: 9 Sep 2016 21:28

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-SF-006MSD

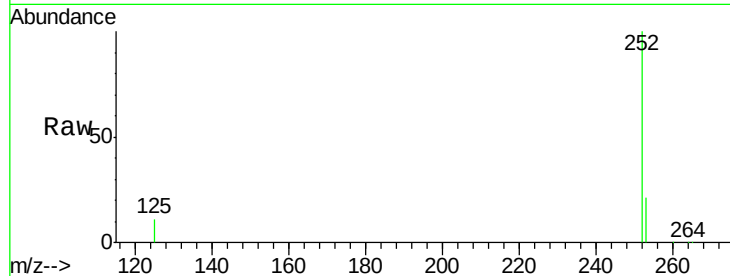
Tgt Ion:252 Resp: 88463

Ion Ratio Lower Upper

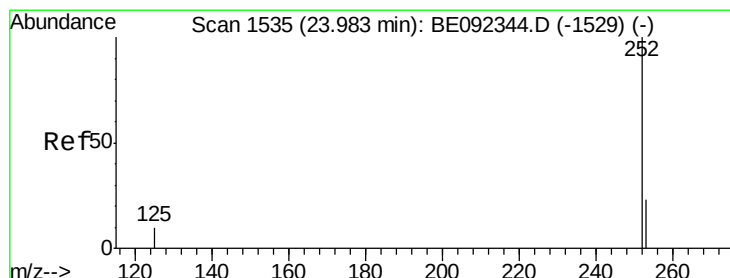
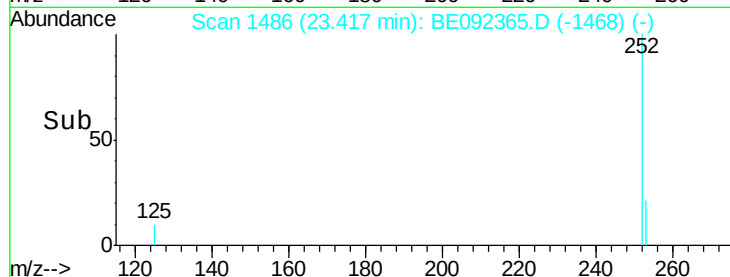
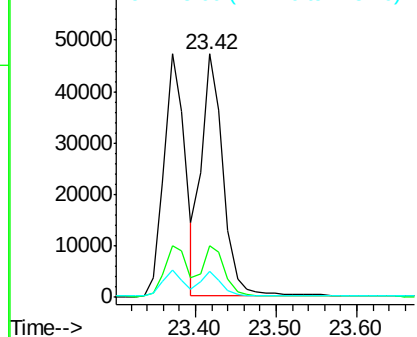
252 100

253 21.2 20.3 30.5

125 10.8 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: 4.25 ng

RT: 24.00 min Scan# 1536

Delta R.T. 0.01 min

Lab File: BE092365.D

Acq: 9 Sep 2016 21:28

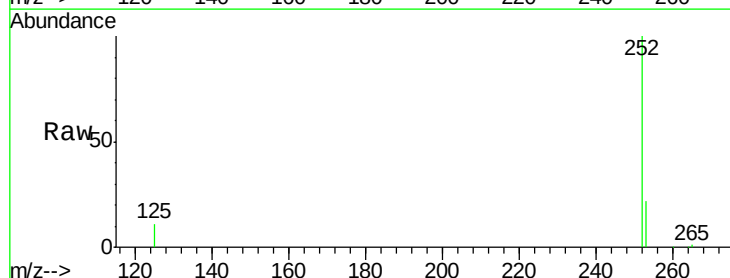
Tgt Ion:252 Resp: 87775

Ion Ratio Lower Upper

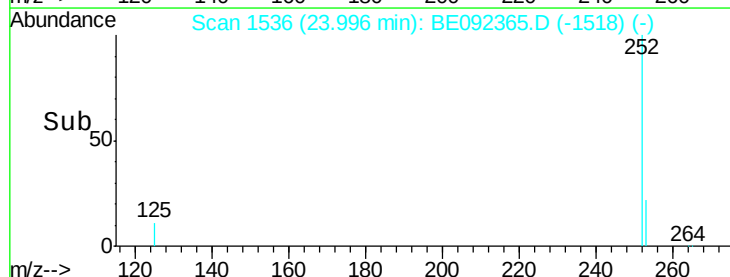
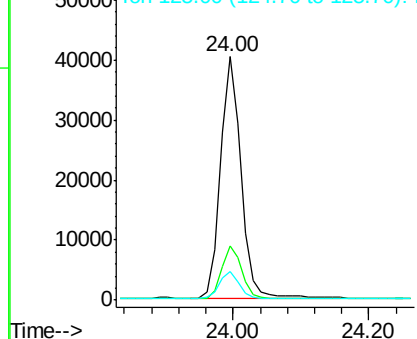
252 100

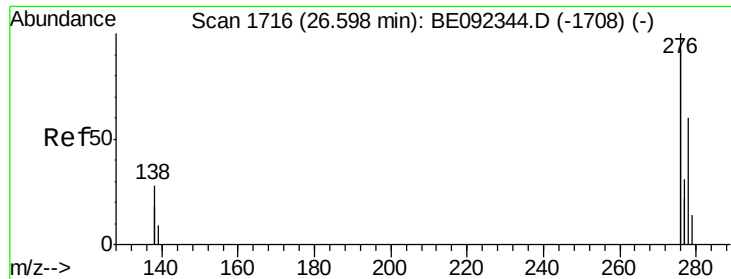
253 22.3 19.0 28.6

125 11.5 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: 4.38 ng

RT: 26.62 min Scan# 1717

Delta R.T. 0.02 min

Lab File: BE092365.D

Acq: 9 Sep 2016 21:28

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-SF-006MSD

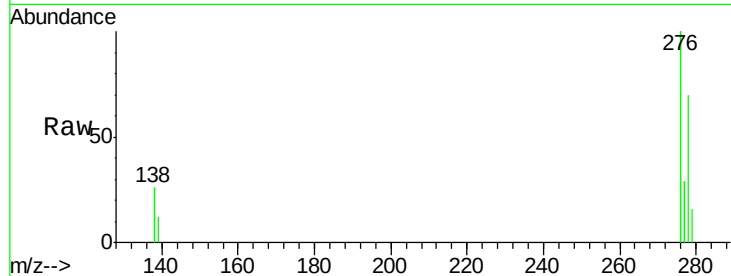
Tgt Ion: 278 Resp: 83766

Ion Ratio Lower Upper

278 100

139 16.7 13.8 20.8

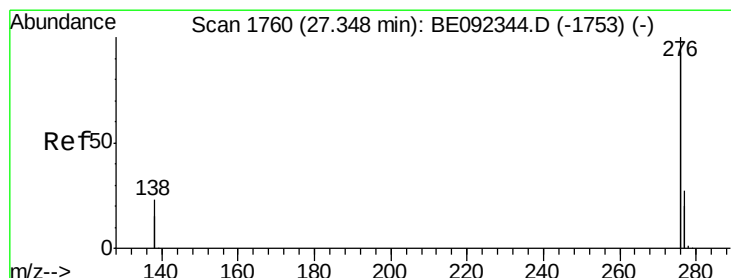
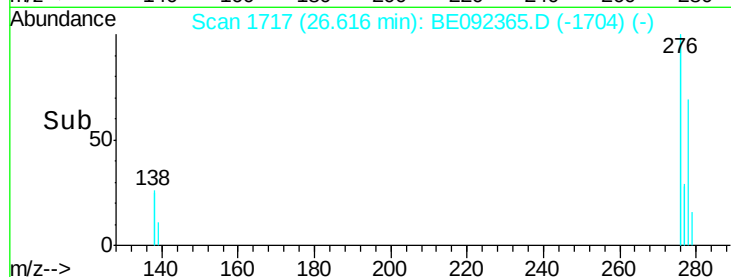
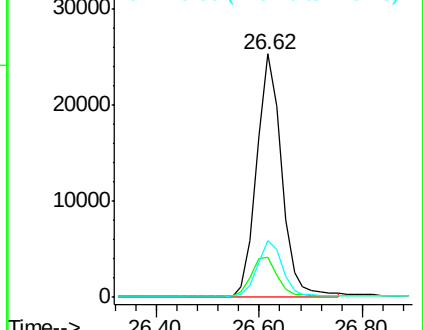
279 23.6 21.4 32.2



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: 4.28 ng

RT: 27.37 min Scan# 1761

Delta R.T. 0.02 min

Lab File: BE092365.D

Acq: 9 Sep 2016 21:28

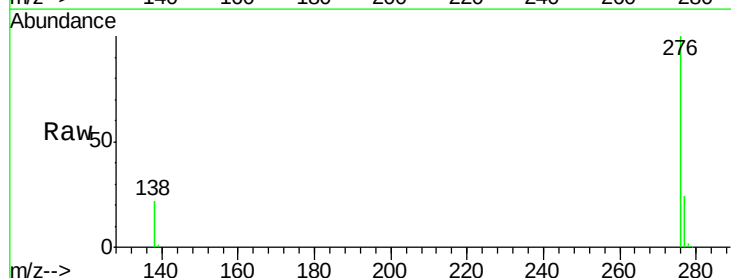
Tgt Ion: 276 Resp: 345096

Ion Ratio Lower Upper

276 100

277 24.5 19.8 29.8

138 22.3 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

