

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072716\
 Data File : BE092066.D
 Acq On : 28 Jul 2016 4:27
 Operator : UM/SJ
 Sample : H4107-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 TILCON-MH-SF-005RE

Quant Time: Jul 28 05:43:53 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	17058	5.00	ng	-0.02
8) Naphthalene-d8	10.99	136	83139	5.00	ng	0.00
15) Acenaphthene-d10	14.86	164	38304	5.00	ng	0.00
24) Phenanthrene-d10	17.58	188	115842	5.00	ng	0.00
31) Chrysene-d12	21.76	240	94595	5.00	ng	0.00
40) Perylene-d12	24.15	264	119147	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.70	112	22453	5.91	ng	-0.02
5) Phenol-d6	7.35	99	35457	6.99	ng	0.00
9) Nitrobenzene-d5	9.35	82	20204	3.26	ng	-0.02
16) 2,4,6-Tribromophenol	16.33	330	9571	5.42	ng	-0.02
17) 2-Fluorobiphenyl	13.47	172	50732	3.31	ng	0.00
34) Terphenyl-d14	20.20	244	82153	4.66	ng	0.00

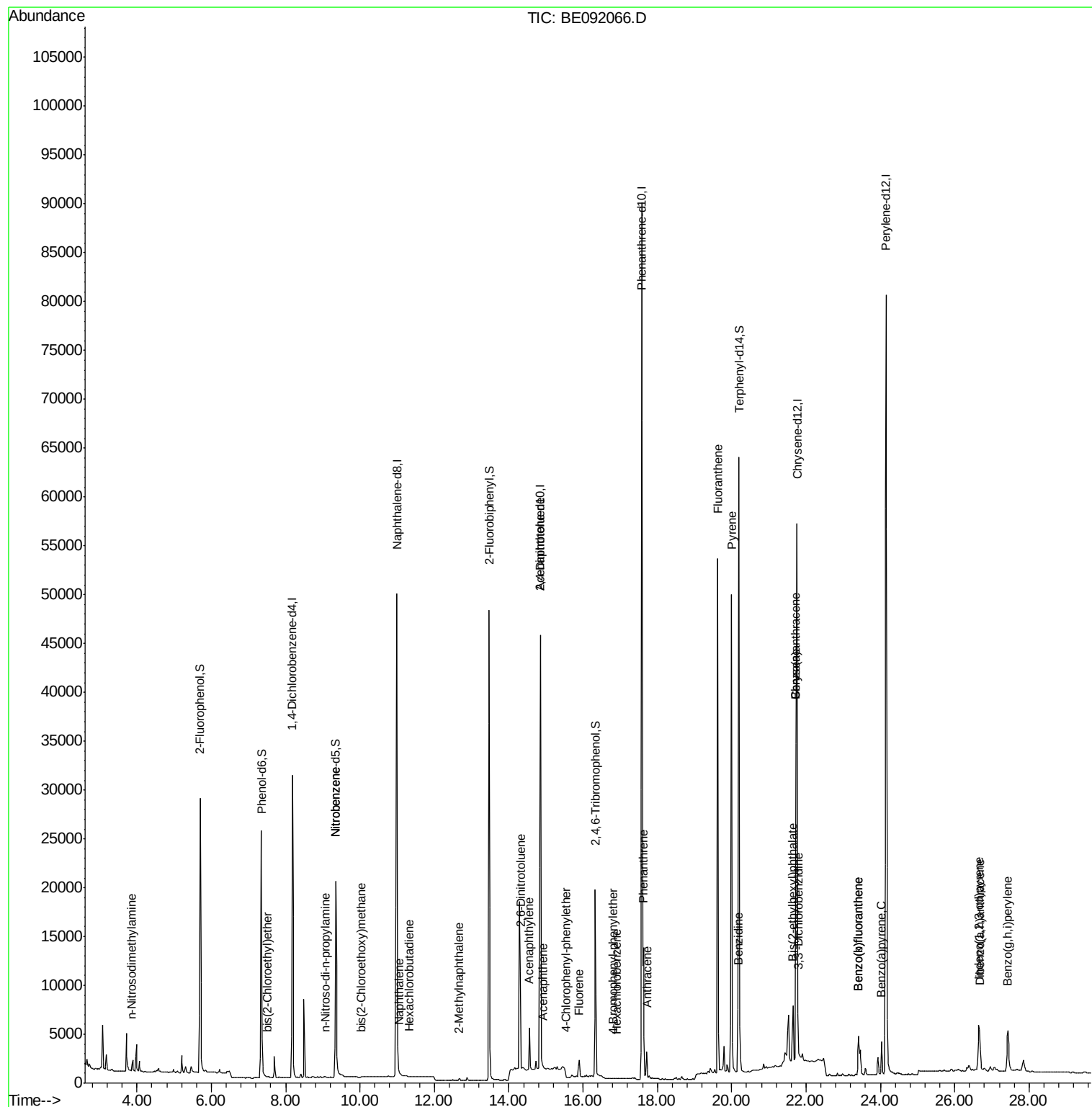
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.87	42	81	0.03	ng	# 1
6) bis(2-Chloroethyl)ether	7.51	93	10	0.00	ng	# 19
7) n-Nitroso-di-n-propylamine	9.06	70	115	0.03	ng	# 67
10) Nitrobenzene	9.35	77	81	0.01	ng	# 36
11) bis(2-Chloroethoxy)methane	10.05	93	653	0.09	ng	# 73
12) Naphthalene	11.04	128	147	0.01	ng	# 5
13) Hexachlorobutadiene	11.32	225	3	0.00	ng	# 18
14) 2-Methylnaphthalene	12.66	142	223	0.02	ng	# 71
18) Acenaphthylene	14.56	152	7247	0.07	ng	# 98
19) 2,6-Dinitrotoluene	14.31	165	9248	0.86	ng	# 100
20) Acenaphthene	14.92	154	355	0.03	ng	# 1
21) 2,4-Dinitrotoluene	14.86	165	22302	1.54	ng	# 1
22) Fluorene	15.90	166	1741	0.11	ng	# 95
23) 4-Chlorophenyl-phenylether	15.55	204	663	0.08	ng	# 1
25) 4-Bromophenyl-phenylether	16.80	248	3	0.00	ng	# 1
26) Hexachlorobenzene	16.90	284	1	0.00	ng	# 1
28) Phenanthrene	17.63	178	15552	0.53	ng	# 100
29) Anthracene	17.72	178	3558	0.13	ng	# 97
30) Fluoranthene	19.63	202	65596	0.50	ng	# 100
32) Benzo(a)anthracene	20.18	184	1093	0.31	ng	# 95
33) Pyrene	19.99	202	61503	0.50	ng	# 94
35) Benzo(a)anthracene	21.73	228	14624	0.35	ng	# 95
36) 3,3'-Dichlorobenzidine	21.78	252	167	0.27	ng	# 14
37) Chrysene	21.73	228	14710	0.29	ng	# 98
38) Bis(2-ethylhexyl)phthalate	21.64	149	9523	0.17	ng	# 96
39) Indeno(1,2,3-cd)pyrene	26.65	276	10700	0.10	ng	# 94
41) Benzo(b)fluoranthene	23.41	252	10887	0.30	ng	# 85
42) Benzo(k)fluoranthene	23.41	252	10887	0.29	ng	# 87
43) Benzo(a)pyrene	24.04	252	5089	0.17	ng	# 90
44) Dibenzo(a,h)anthracene	26.67	278	736	0.03	ng	# 44
45) Benzo(g,h,i)perylene	27.43	276	10630	0.10	ng	# 89

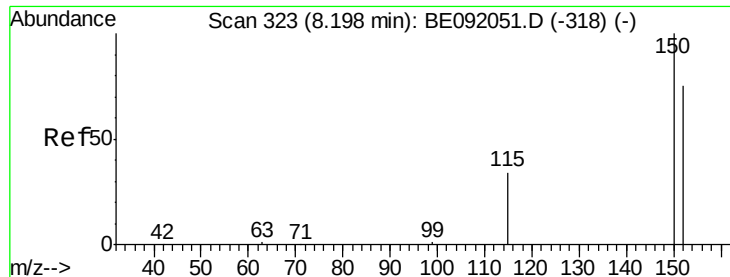
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.18 min Scan# 322

Delta R.T. -0.02 min

Lab File: BE092066.D

Acq: 28 Jul 2016 4:27

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-SF-005RE

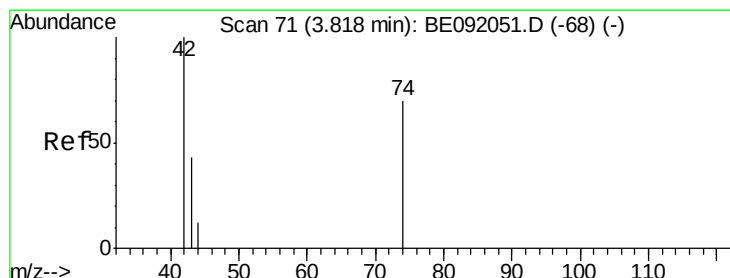
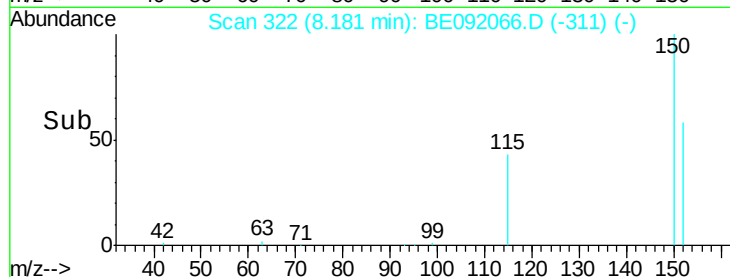
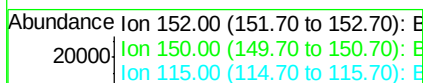
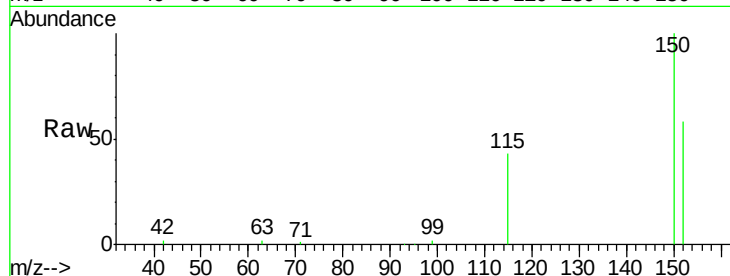
Tgt Ion: 152 Resp: 17058

Ion Ratio Lower Upper

152 100

150 172.7 106.0 159.0#

115 73.9 36.9 55.3#



#3

n-Nitrosodimethylamine

Concen: 0.03 ng

RT: 3.87 min Scan# 74

Delta R.T. 0.05 min

Lab File: BE092066.D

Acq: 28 Jul 2016 4:27

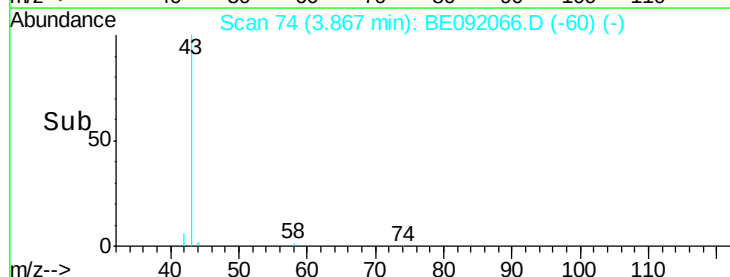
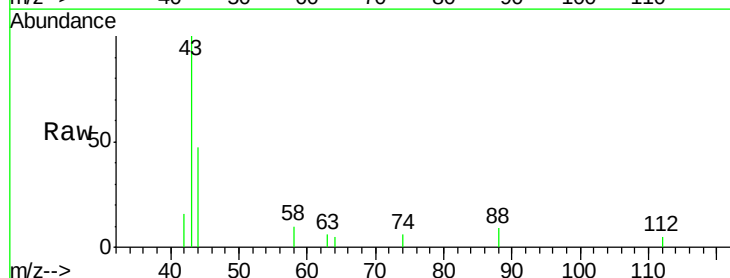
Tgt Ion: 42 Resp: 81

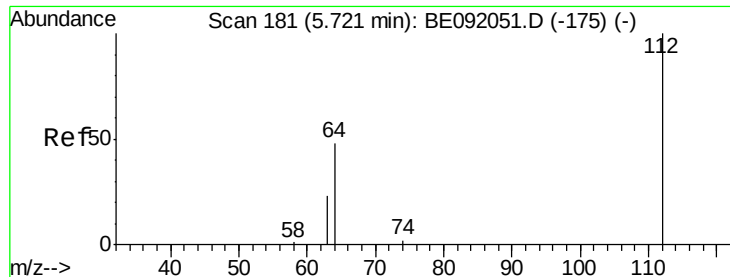
Ion Ratio Lower Upper

42 100

74 16.0 82.8 124.2#

44 148.1 9.0 13.4#





#4

2-Fluorophenol

Concen: 5.91 ng

RT: 5.70 min Scan# 180

Delta R.T. -0.02 min

Lab File: BE092066.D

Acq: 28 Jul 2016 4:27

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-SF-005RE

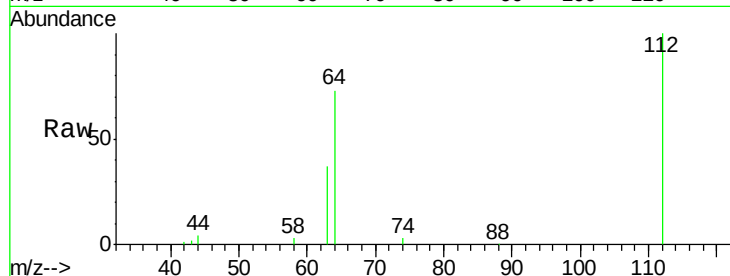
Tgt Ion: 112 Resp: 22453

Ion Ratio Lower Upper

112 100

64 68.1 55.9 83.9

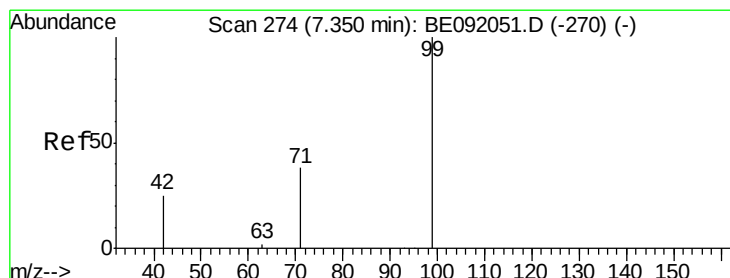
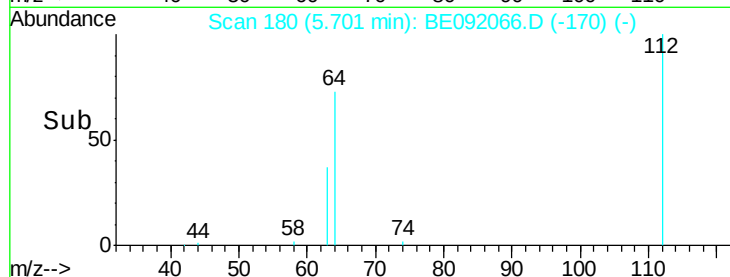
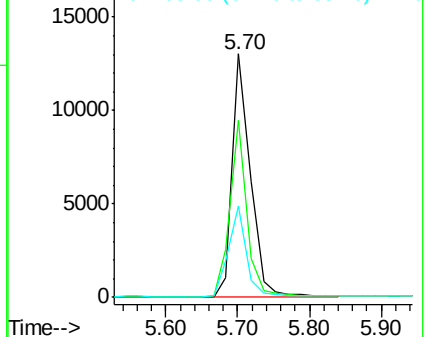
63 36.8 31.1 46.7



Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



#5

Phenol-d6

Concen: 6.99 ng

RT: 7.35 min Scan# 274

Delta R.T. 0.00 min

Lab File: BE092066.D

Acq: 28 Jul 2016 4:27

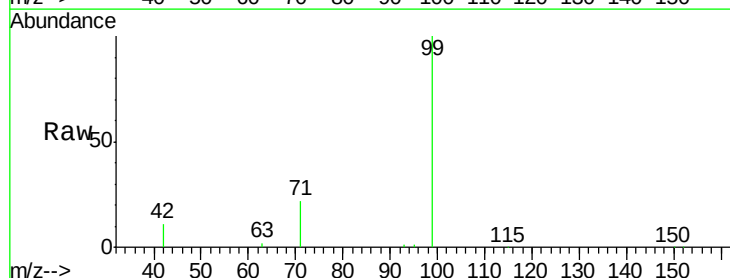
Tgt Ion: 99 Resp: 35457

Ion Ratio Lower Upper

99 100

42 25.9 22.4 33.6

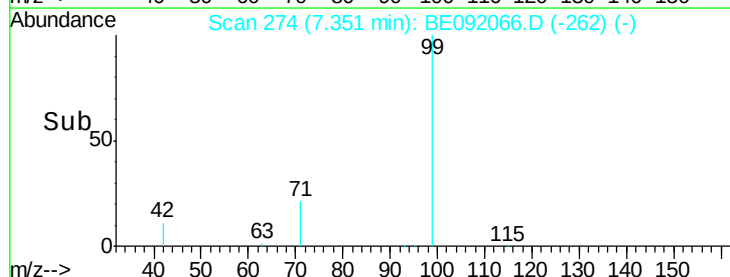
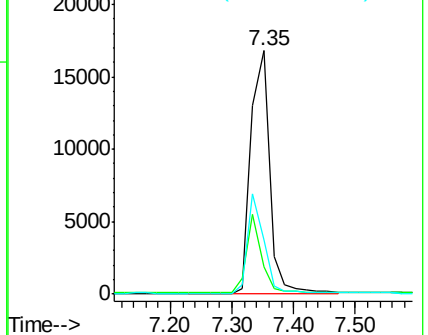
71 35.6 28.9 43.3

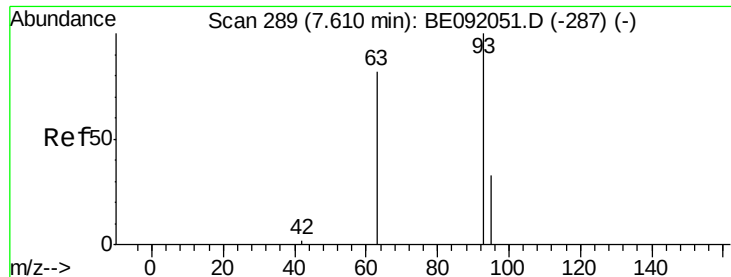


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#6

bis(2-Chloroethyl)ether

Concen: 0.00 ng

RT: 7.51 min Scan# 283

Delta R.T. -0.10 min

Lab File: BE092066.D

Acq: 28 Jul 2016 4:27

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-SF-005RE

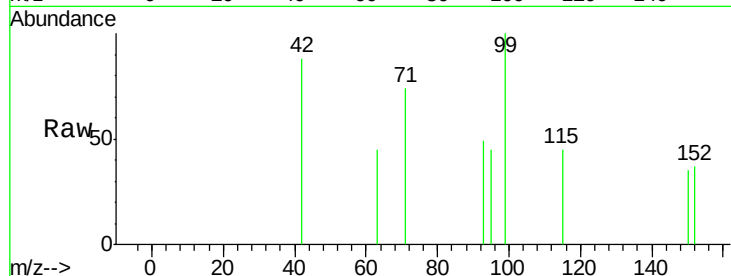
Tgt Ion: 93 Resp: 10

Ion Ratio Lower Upper

93 100

63 0.0 64.4 96.6#

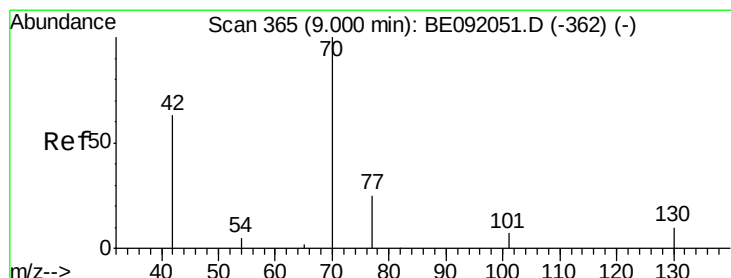
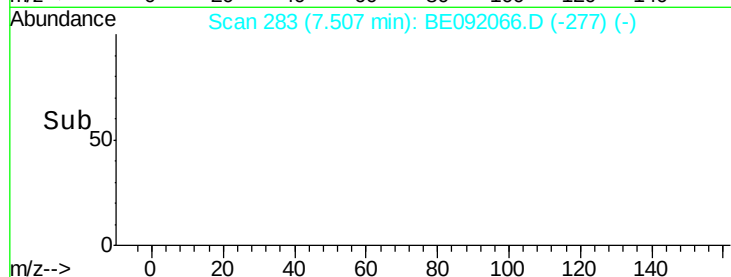
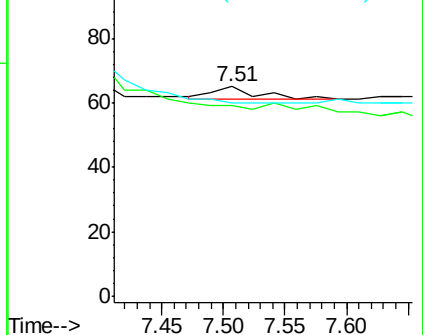
95 0.0 25.8 38.8#



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: 0.03 ng

RT: 9.06 min Scan# 368

Delta R.T. 0.06 min

Lab File: BE092066.D

Acq: 28 Jul 2016 4:27

Tgt Ion: 70 Resp: 115

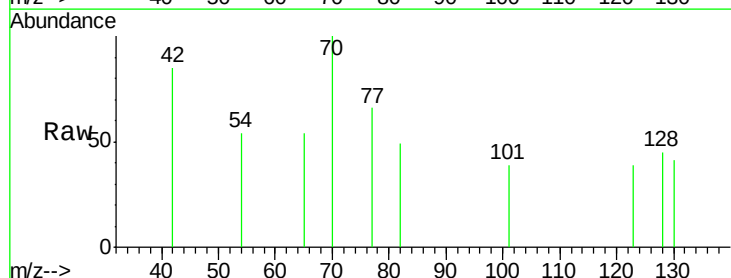
Ion Ratio Lower Upper

70 100

42 47.0 60.2 90.4#

101 0.0 6.8 10.2#

130 0.0 13.3 19.9#

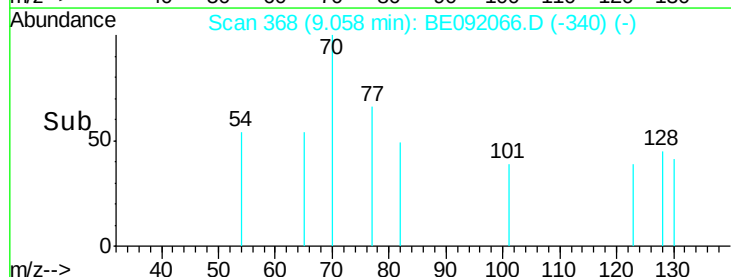
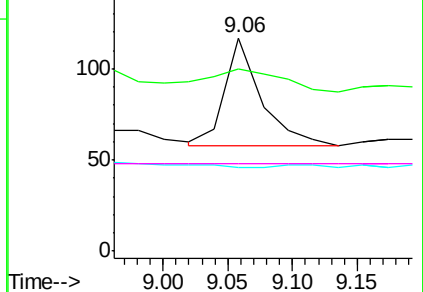


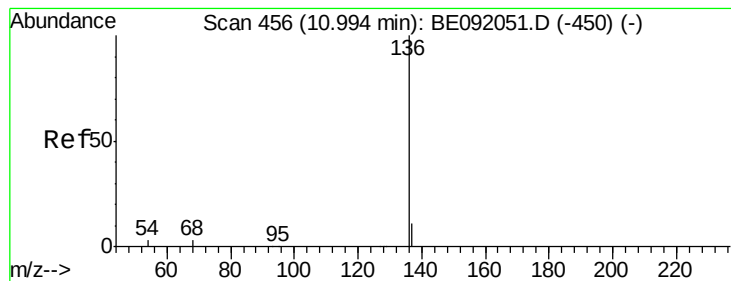
Abundance Ion 70.00 (69.70 to 70.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 101.00 (100.70 to 101.70): BE0

Ion 130.00 (129.70 to 130.70): BE0





#8

Naphthalene-d8

Concen: 5.00 ng

RT: 10.99 min Scan# 456

Delta R.T. 0.00 min

Lab File: BE092066.D

Acq: 28 Jul 2016 4:27

Instrument :

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ClientSampleId :

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Tgt Ion:136 Resp: 83139

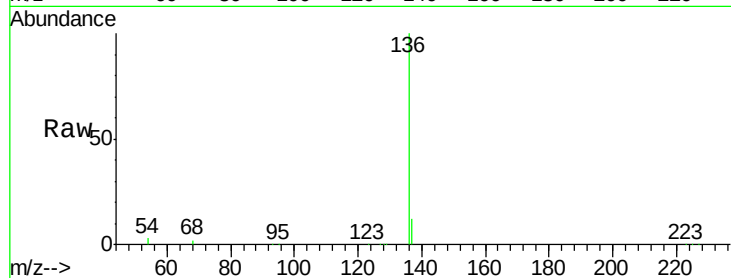
Ion Ratio Lower Upper

136 100

137 11.6 9.1 13.7

54 2.5 2.7 4.1#

68 2.1 2.2 3.4#



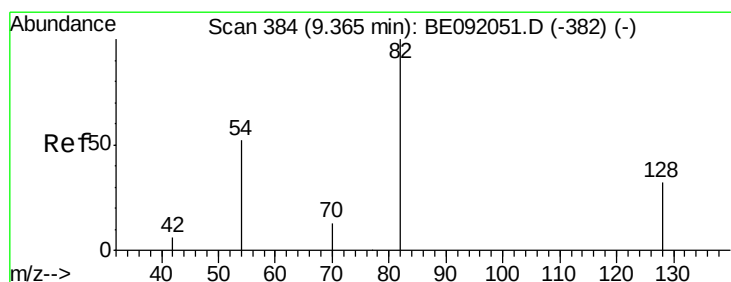
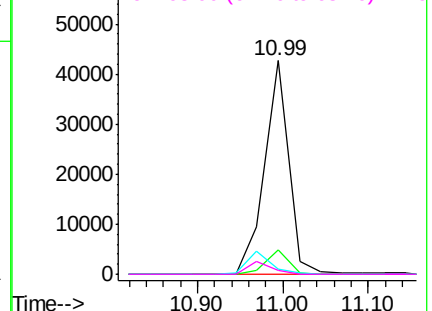
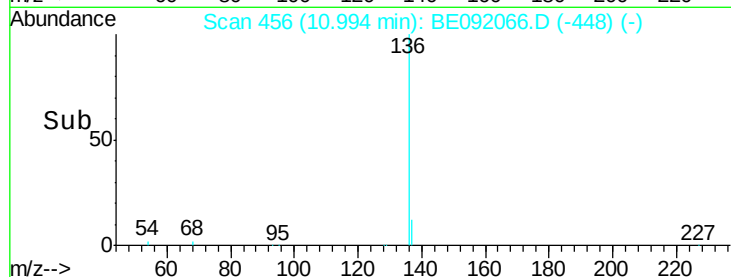
Abundance

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



#9

Nitrobenzene-d5

Concen: 3.26 ng

RT: 9.35 min Scan# 383

Delta R.T. -0.02 min

Lab File: BE092066.D

Acq: 28 Jul 2016 4:27

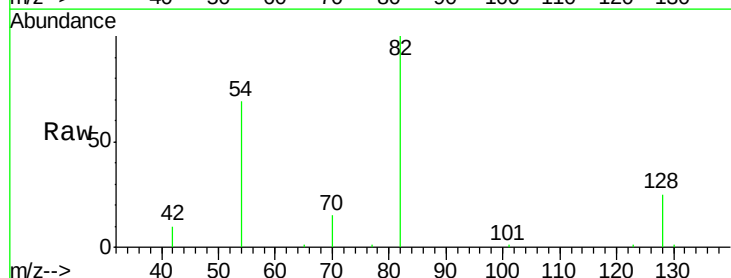
Tgt Ion: 82 Resp: 20204

Ion Ratio Lower Upper

82 100

128 25.1 33.0 49.4#

54 68.5 42.6 63.8#

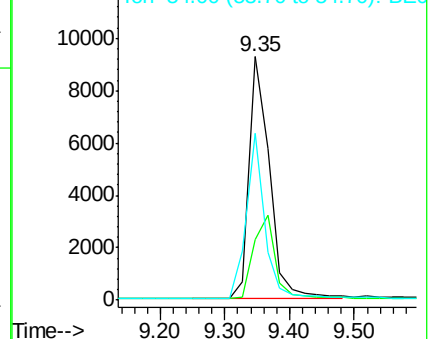
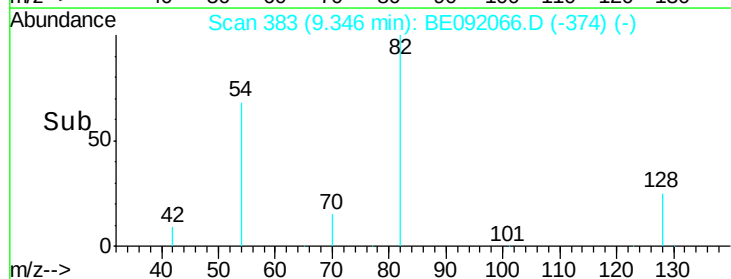


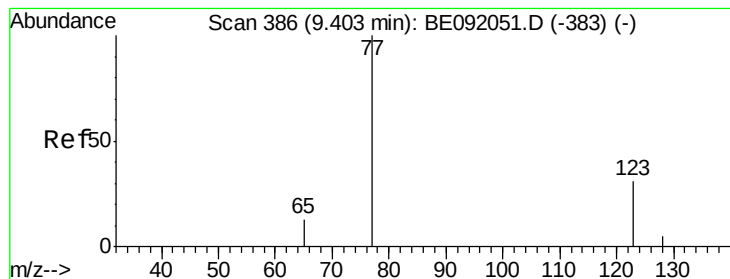
Abundance

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





#10

Nitrobenzene

Concen: 0.01 ng

RT: 9.35 min Scan# 383

Delta R.T. -0.06 min

Lab File: BE092066.D

Acq: 28 Jul 2016 4:27

Instrument :

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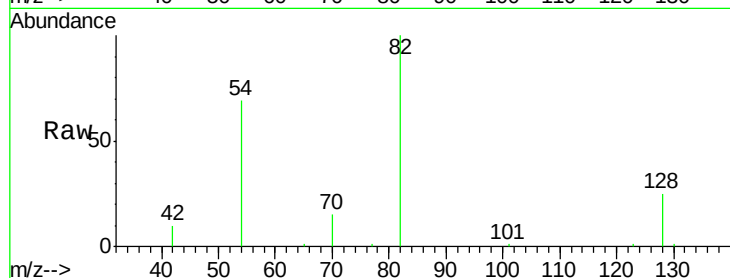
Tgt Ion: 77 Resp: 81

Ion Ratio Lower Upper

77 100

123 2.5 29.9 44.9#

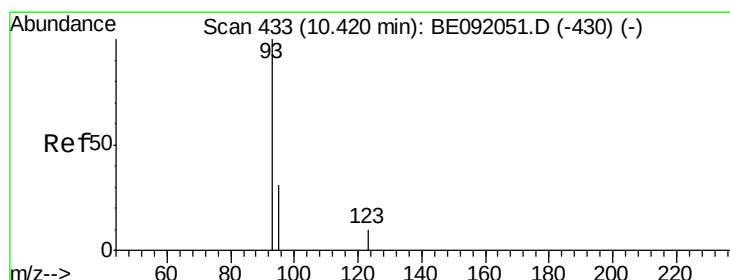
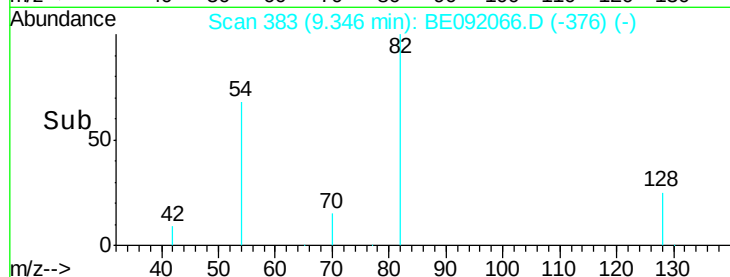
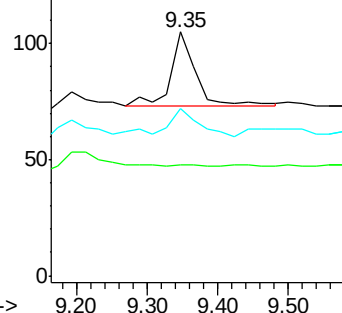
65 45.7 11.4 17.0#



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: 0.09 ng

RT: 10.05 min Scan# 418

Delta R.T. -0.37 min

Lab File: BE092066.D

Acq: 28 Jul 2016 4:27

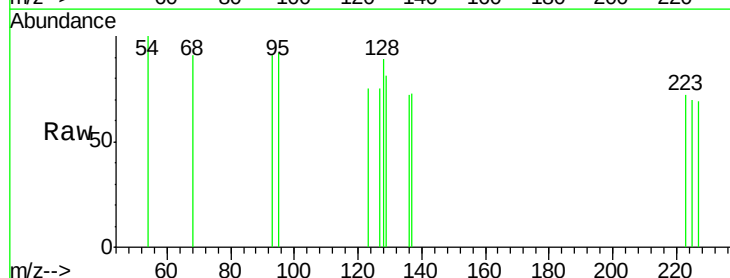
Tgt Ion: 93 Resp: 653

Ion Ratio Lower Upper

93 100

95 46.2 25.0 37.6#

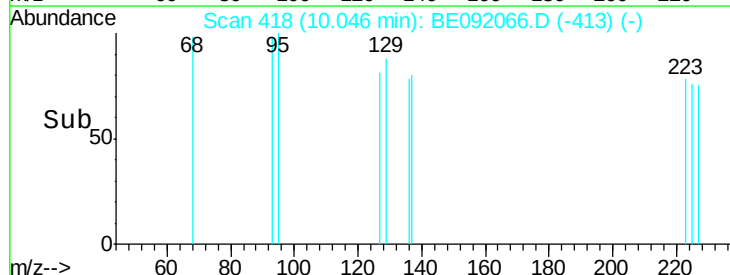
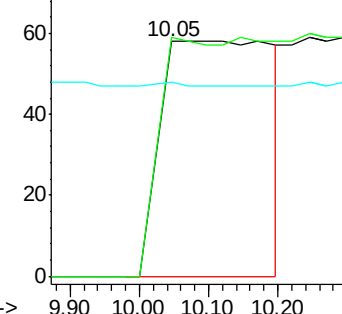
123 0.3 7.8 11.8#

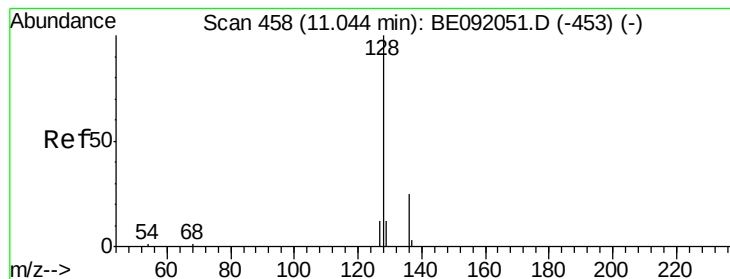


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 95.00 (94.70 to 95.70): BE0

Ion 123.00 (122.70 to 123.70): BE0





#12

Naphthalene

Concen: 0.01 ng

RT: 11.04 min Scan# 458

Delta R.T. 0.00 min

Lab File: BE092066.D

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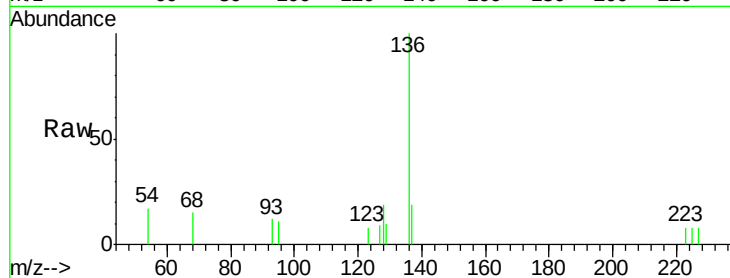
Tgt Ion:128 Resp: 147

Ion Ratio Lower Upper

128 100

129 55.7 11.1 16.7#

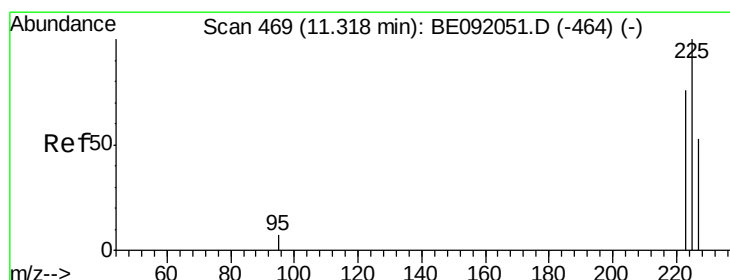
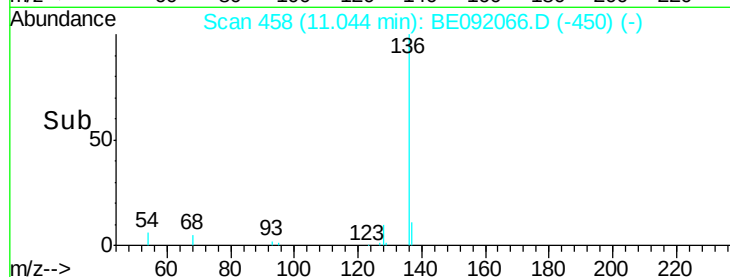
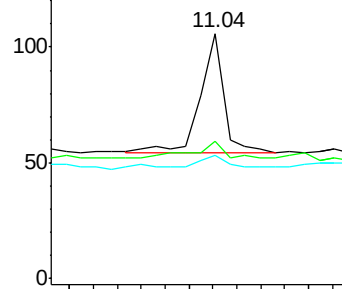
127 50.0 11.3 16.9#



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



#13

Hexachlorobutadiene

Concen: 0.00 ng

RT: 11.32 min Scan# 469

Delta R.T. 0.00 min

Lab File: BE092066.D

Acq: 28 Jul 2016 4:27

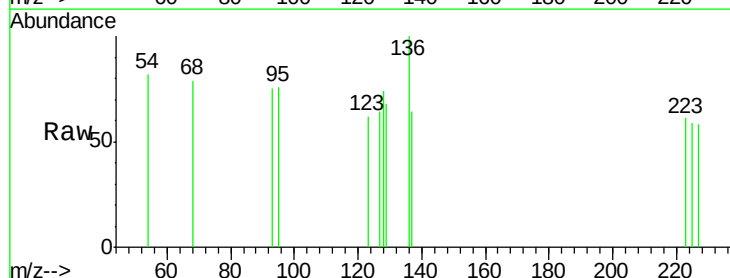
Tgt Ion:225 Resp: 3

Ion Ratio Lower Upper

225 100

223 0.0 51.9 77.9#

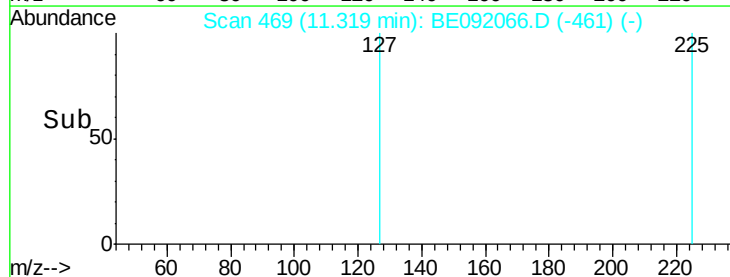
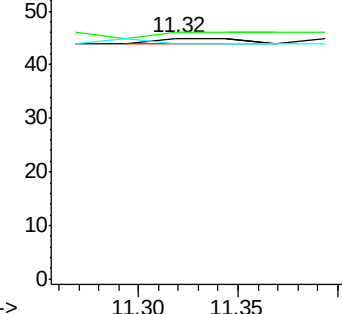
227 0.0 0.0 0.0

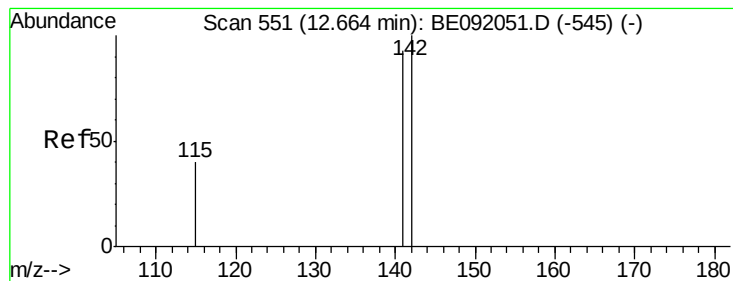


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#14

2-Methylnaphthalene

Concen: 0.02 ng

RT: 12.66 min Scan# 551

Delta R.T. -0.00 min

Lab File: BE092066.D

Acq: 28 Jul 2016 4:27

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ClientSampleId :

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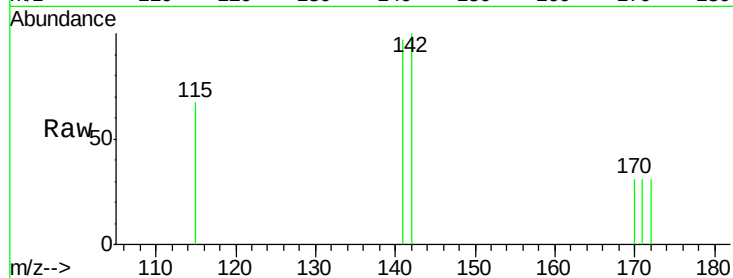
Tgt Ion:142 Resp: 223

Ion Ratio Lower Upper

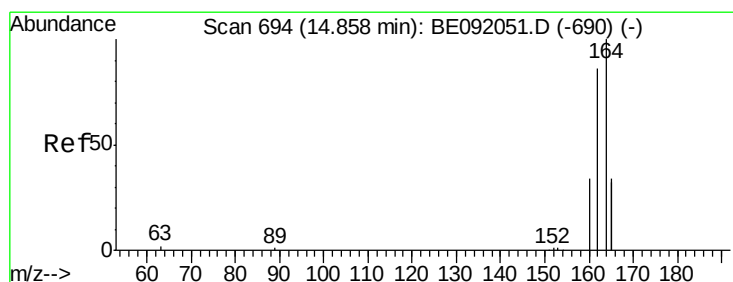
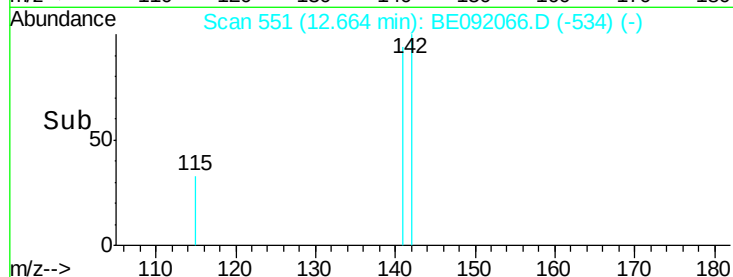
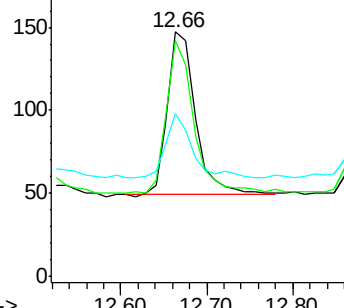
142 100

141 96.6 65.1 97.7

115 66.7 27.0 40.4#



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



#15

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.86 min Scan# 694

Delta R.T. -0.00 min

Lab File: BE092066.D

Acq: 28 Jul 2016 4:27

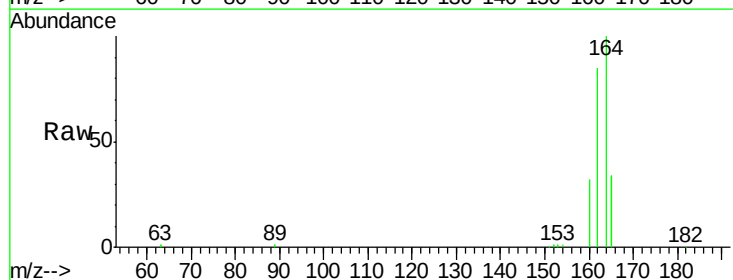
Tgt Ion:164 Resp: 38304

Ion Ratio Lower Upper

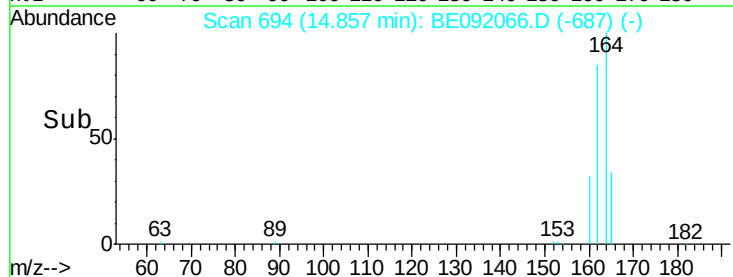
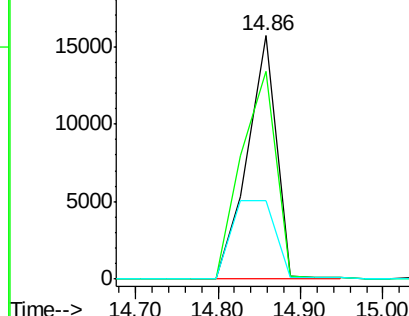
164 100

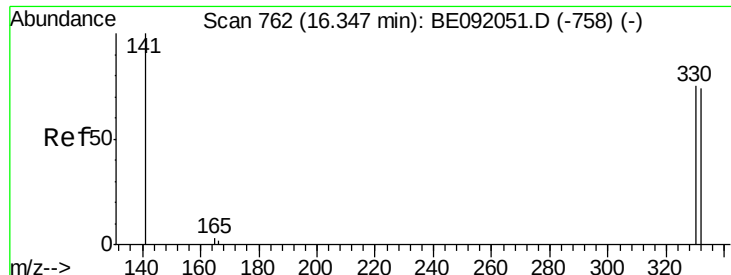
162 85.2 69.5 104.3

160 32.4 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

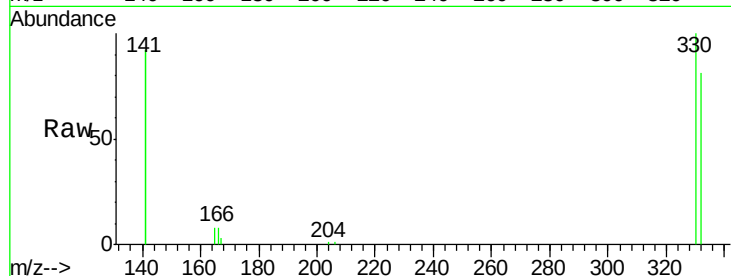




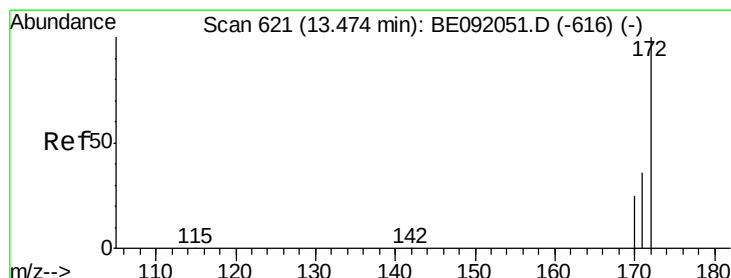
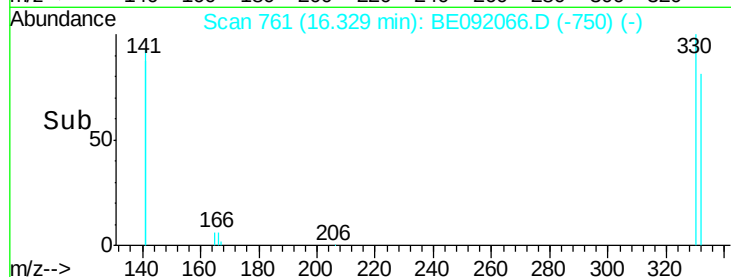
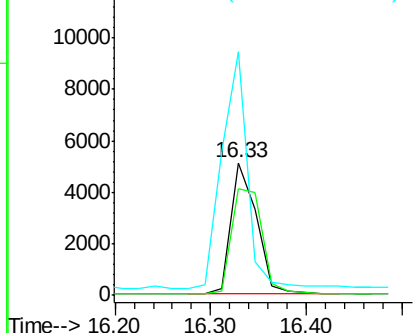
#16
 2,4,6-Tribromophenol
 Concen: 5.42 ng
 RT: 16.33 min Scan# 761
 Delta R.T. -0.02 min
 Lab File: BE092066.D
 Acq: 28 Jul 2016 4:27

Instrument :
 BNA_E
 ClientSampleId :
 TILCON-MH-SF-005RE

Tgt Ion:330 Resp: 9571
 Ion Ratio Lower Upper
 330 100
 332 96.2 74.2 111.4
 141 176.5 139.8 209.8

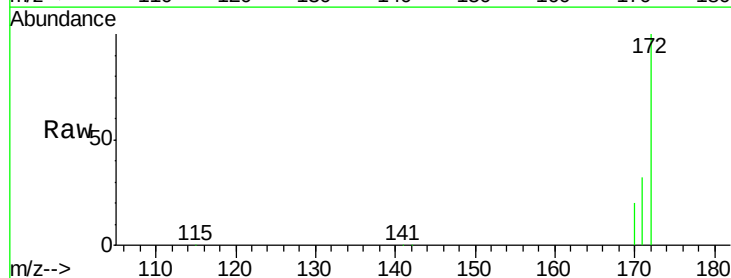


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

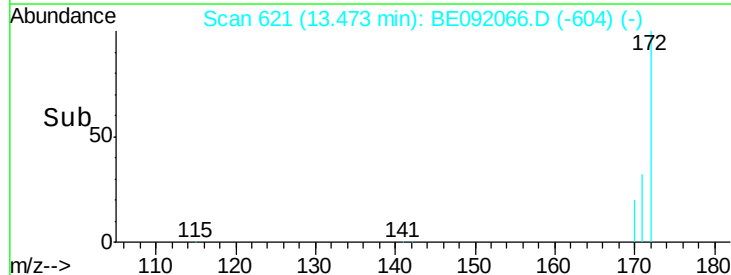
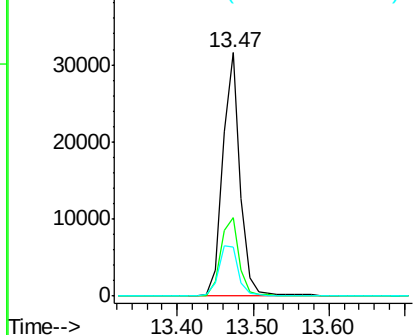


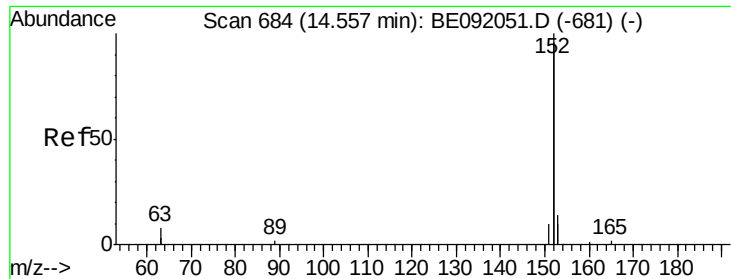
#17
 2-Fluorobiphenyl
 Concen: 3.31 ng
 RT: 13.47 min Scan# 621
 Delta R.T. -0.00 min
 Lab File: BE092066.D
 Acq: 28 Jul 2016 4:27

Tgt Ion:172 Resp: 50732
 Ion Ratio Lower Upper
 172 100
 171 32.3 30.3 45.5
 170 20.4 21.6 32.4#



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#18

Acenaphthylene

Concen: 0.07 ng

RT: 14.56 min Scan# 684

Delta R.T. -0.00 min

Lab File: BE092066.D

Acq: 28 Jul 2016 4:27

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-SF-005RE

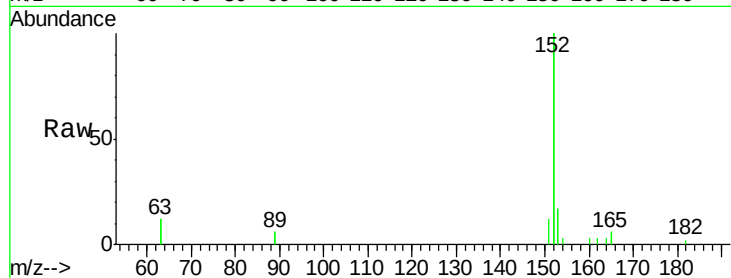
Tgt Ion:152 Resp: 7247

Ion Ratio Lower Upper

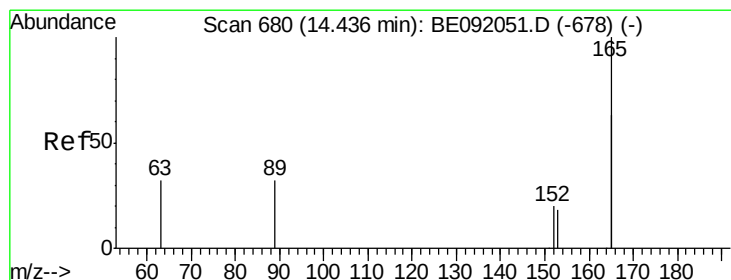
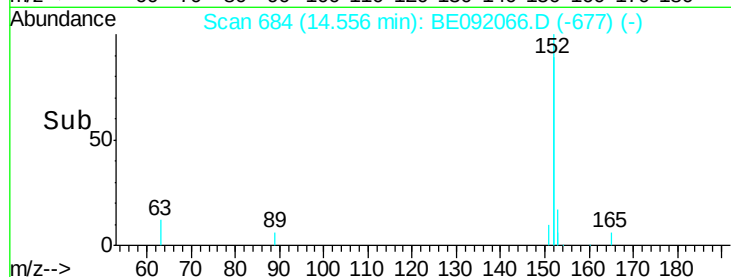
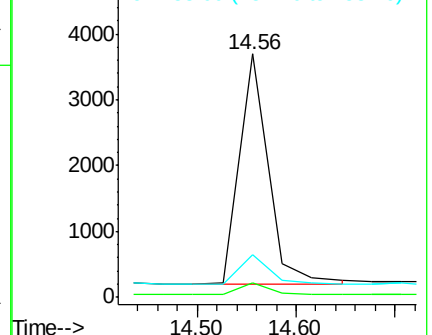
152 100

151 5.0 4.0 6.0

153 12.9 9.6 14.4



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#19

2,6-Dinitrotoluene

Concen: 0.86 ng

RT: 14.31 min Scan# 676

Delta R.T. -0.12 min

Lab File: BE092066.D

Acq: 28 Jul 2016 4:27

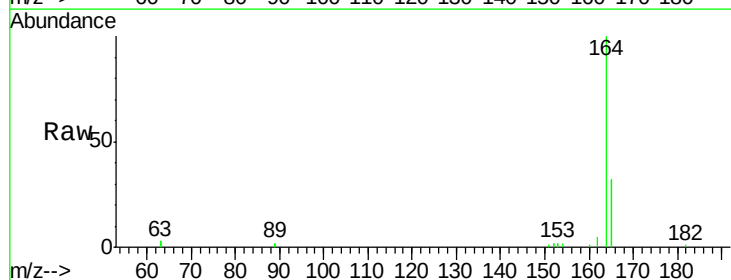
Tgt Ion:165 Resp: 9248

Ion Ratio Lower Upper

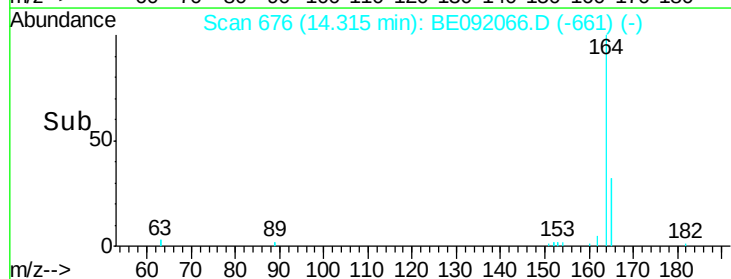
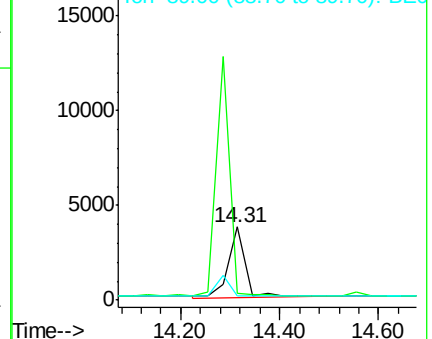
165 100

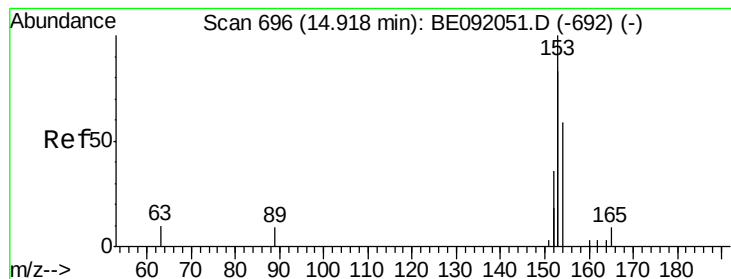
63 0.0 0.0 0.0

89 0.0 0.0 0.0



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BE0
Ion 89.00 (88.70 to 89.70): BE0





#20

Acenaphthene

Concen: 0.03 ng

RT: 14.92 min Scan# 696

Delta R.T. -0.00 min

Lab File: BE092066.D

Acq: 28 Jul 2016 4:27

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-SF-005RE

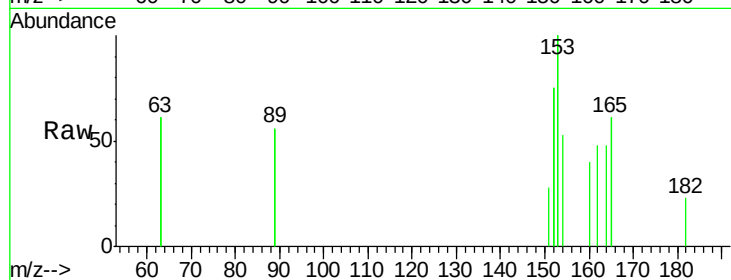
Tgt Ion:154 Resp: 355

Ion Ratio Lower Upper

154 100

153 0.0 345.1 517.7#

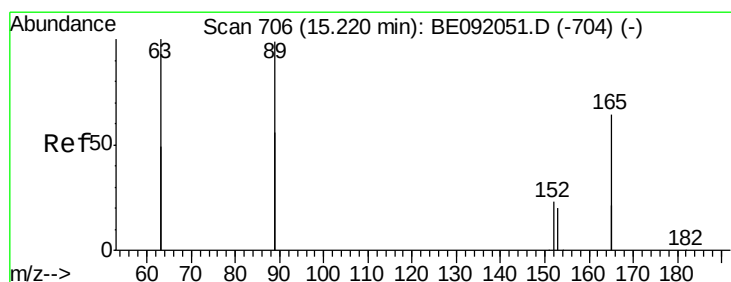
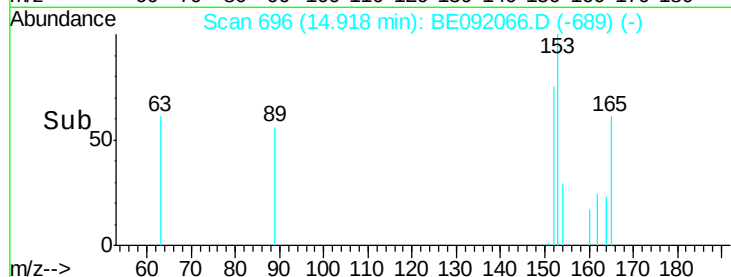
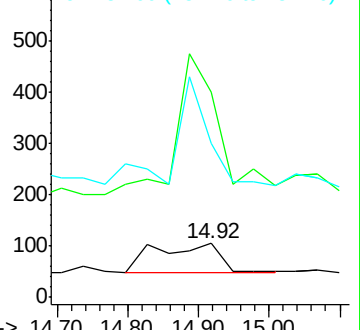
152 0.0 0.0 0.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#21

2,4-Dinitrotoluene

Concen: 1.54 ng

RT: 14.86 min Scan# 694

Delta R.T. -0.36 min

Lab File: BE092066.D

Acq: 28 Jul 2016 4:27

Tgt Ion:165 Resp: 22302

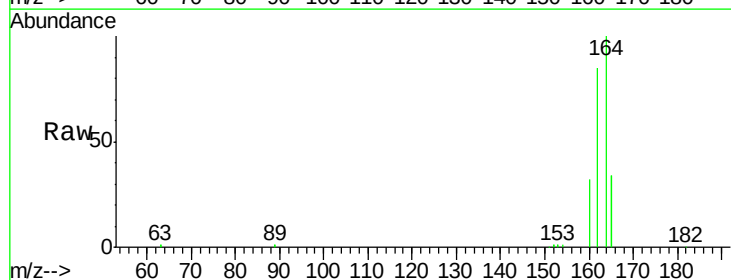
Ion Ratio Lower Upper

165 100

63 0.0 324.0 486.0#

89 0.0 308.4 462.6#

182 0.0 0.0 0.0

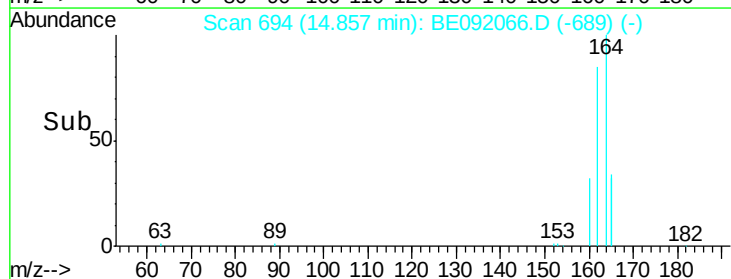
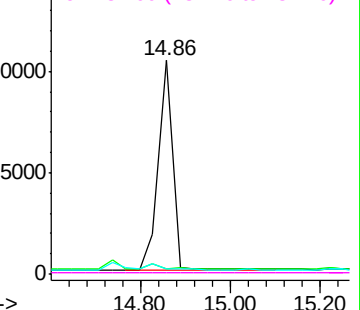


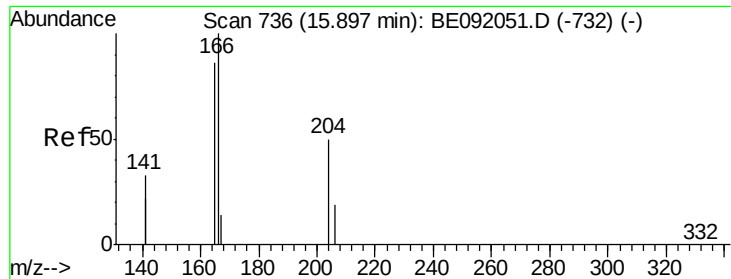
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BE0

Ion 89.00 (88.70 to 89.70): BE0

Ion 182.00 (181.70 to 182.70): E





#22

Fluorene

Concen: 0.11 ng

RT: 15.90 min Scan# 736

Delta R.T. -0.00 min

Lab File: BE092066.D

Acq: 28 Jul 2016 4:27

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-SF-005RE

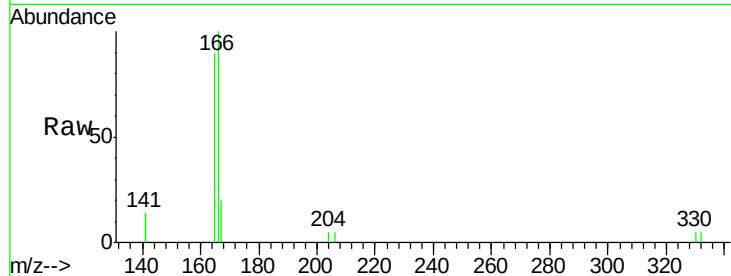
Tgt Ion:166 Resp: 1741

Ion Ratio Lower Upper

166 100

165 102.7 78.6 118.0

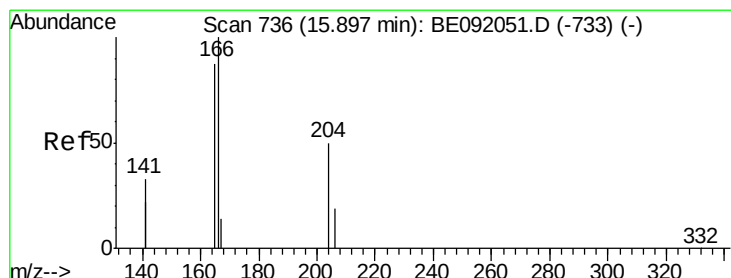
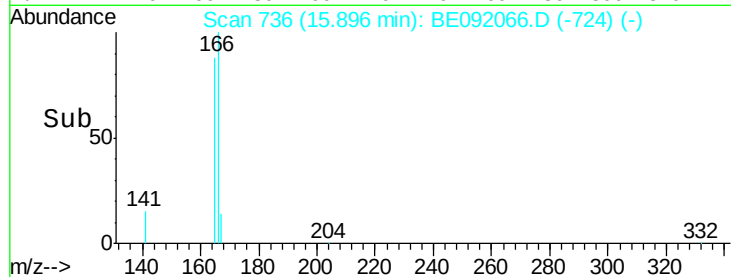
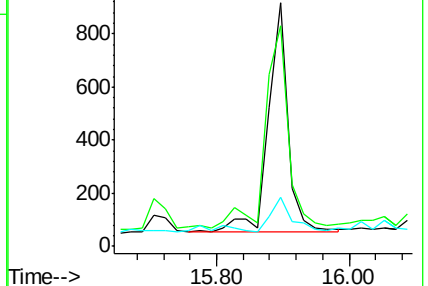
167 16.3 11.1 16.7



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#23

4-Chlorophenyl-phenylether

Concen: 0.08 ng

RT: 15.55 min Scan# 716

Delta R.T. -0.35 min

Lab File: BE092066.D

Acq: 28 Jul 2016 4:27

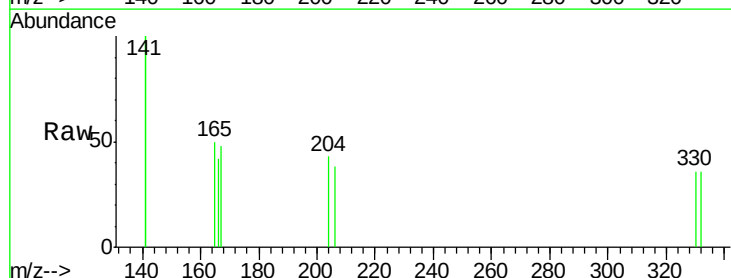
Tgt Ion:204 Resp: 663

Ion Ratio Lower Upper

204 100

206 47.8 27.0 40.4#

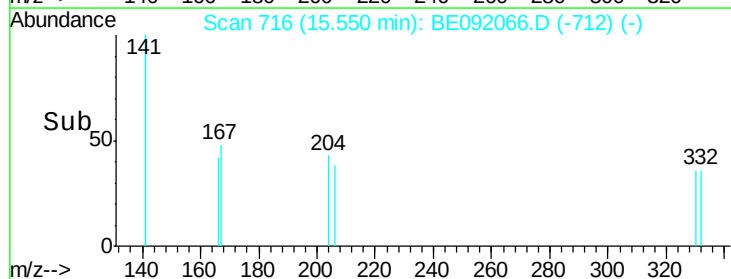
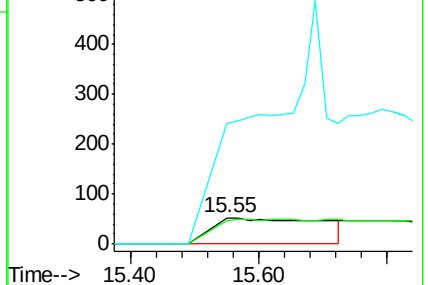
141 0.0 198.5 297.7#

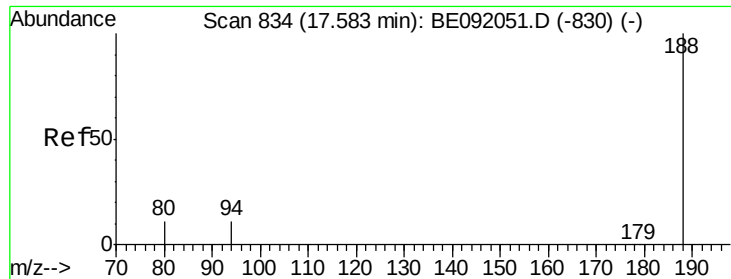


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

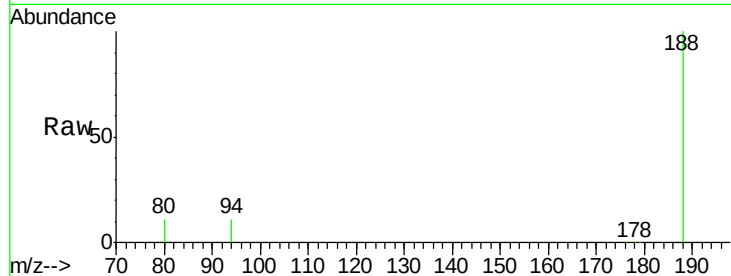




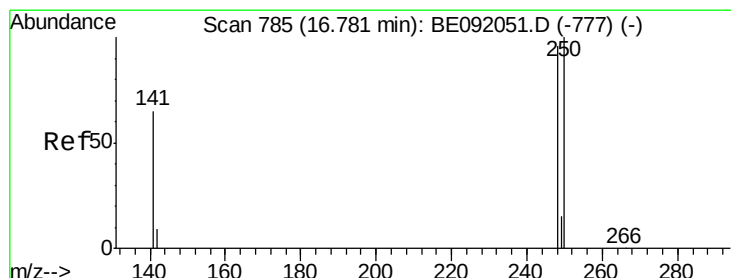
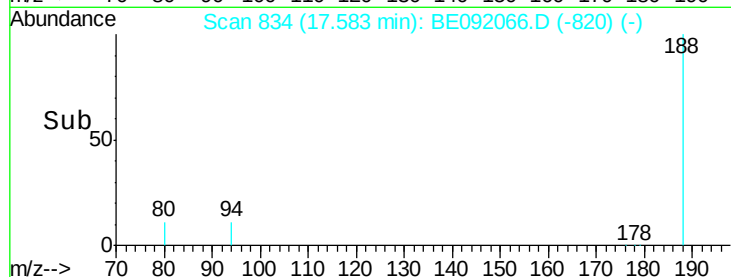
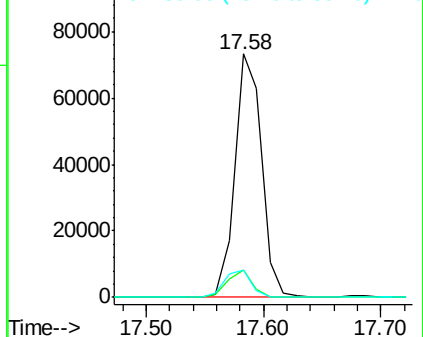
#24
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.58 min Scan# 834
Delta R.T. -0.00 min
Lab File: BE092066.D
Acq: 28 Jul 2016 4:27

Instrument :
BNA_E
ClientSampleId :
TILCON-MH-SF-005RE

Tgt Ion:188 Resp: 115842
Ion Ratio Lower Upper
188 100
94 11.3 3.9 5.9#
80 11.3 3.4 5.0#

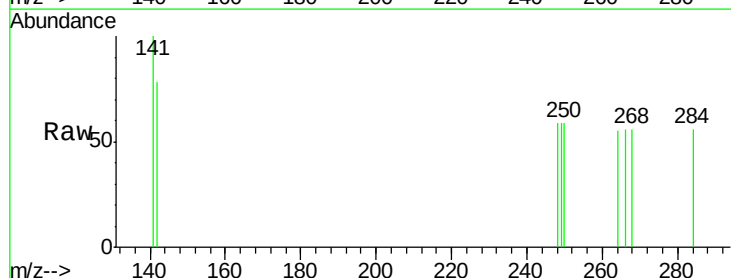


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BE0
Ion 80.00 (79.70 to 80.70): BE0

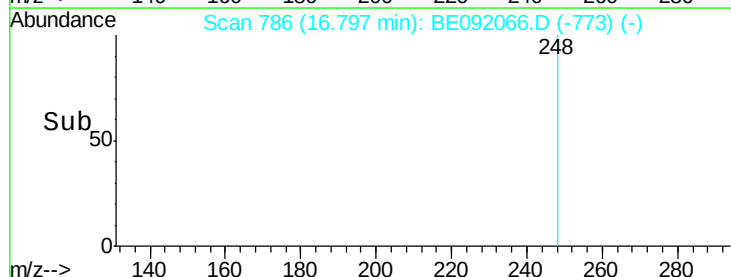
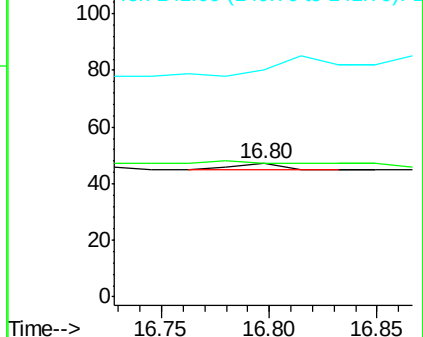


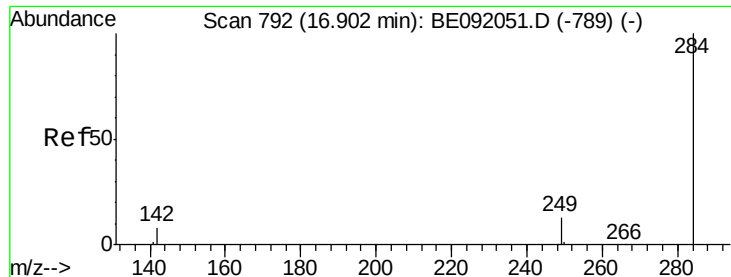
#25
4-Bromophenyl-phenylether
Concen: 0.00 ng
RT: 16.80 min Scan# 786
Delta R.T. 0.02 min
Lab File: BE092066.D
Acq: 28 Jul 2016 4:27

Tgt Ion:248 Resp: 3
Ion Ratio Lower Upper
248 100
250 266.7 79.6 119.4#
141 0.0 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

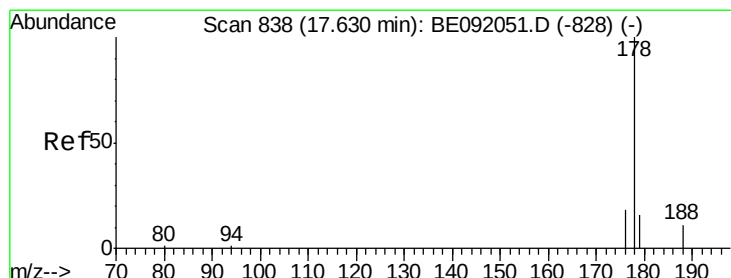
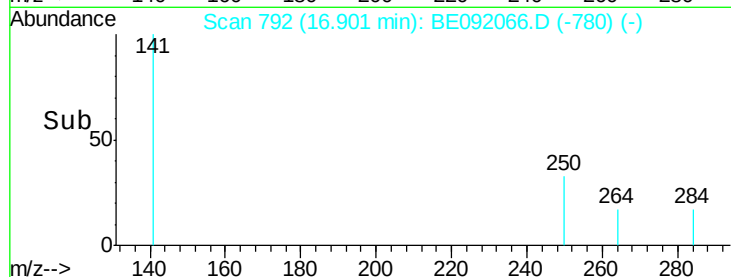
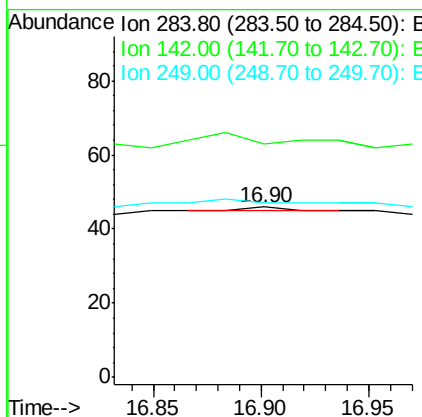
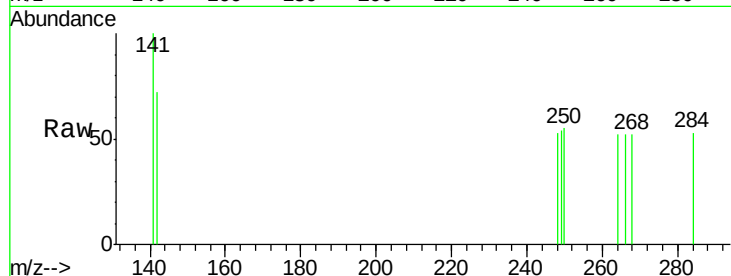




#26
Hexachlorobenzene
Concen: 0.00 ng
RT: 16.90 min Scan# 792
Delta R.T. -0.00 min
Lab File: BE092066.D
Acq: 28 Jul 2016 4:27

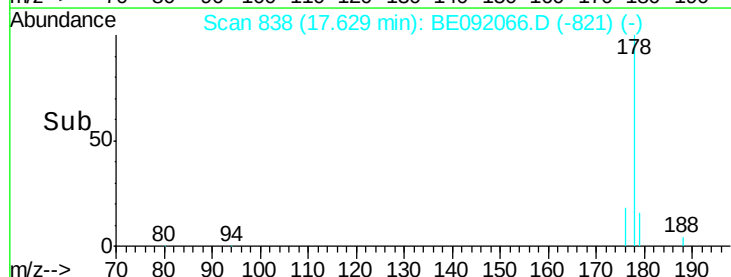
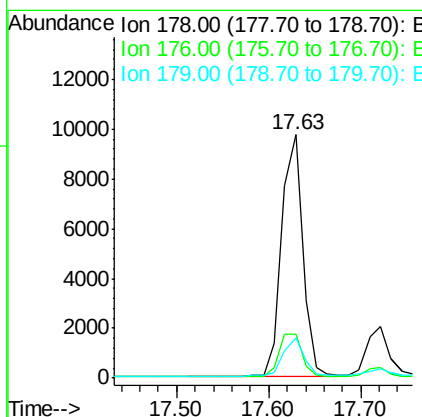
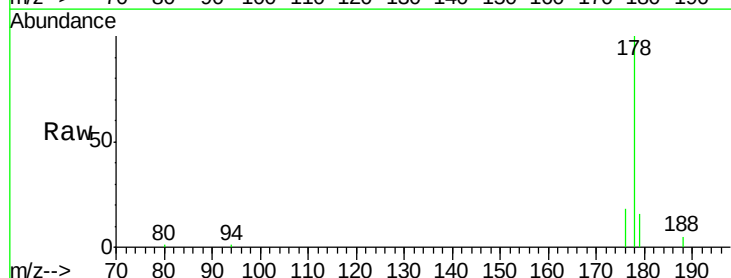
Instrument :
BNA_E
ClientSampleId :
TILCON-MH-SF-005RE

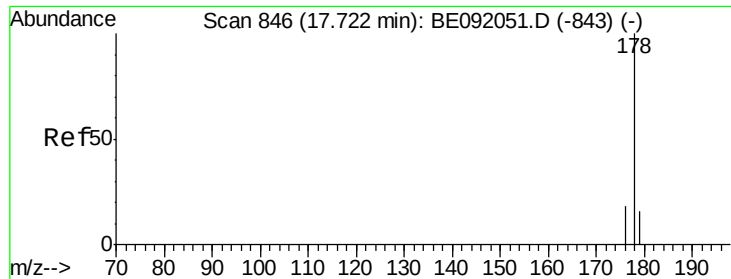
Tgt Ion: 284 Resp: 1
Ion Ratio Lower Upper
284 100
142 1500.0 33.3 49.9#
249 700.0 25.4 38.0#



#28
Phenanthrene
Concen: 0.53 ng
RT: 17.63 min Scan# 838
Delta R.T. -0.00 min
Lab File: BE092066.D
Acq: 28 Jul 2016 4:27

Tgt Ion: 178 Resp: 15552
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.0
179 16.1 12.7 19.1





#29

Anthracene

Concen: 0.13 ng

RT: 17.72 min Scan# 846

Delta R.T. -0.00 min

Lab File: BE092066.D

Acq: 28 Jul 2016 4:27

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-SF-005RE

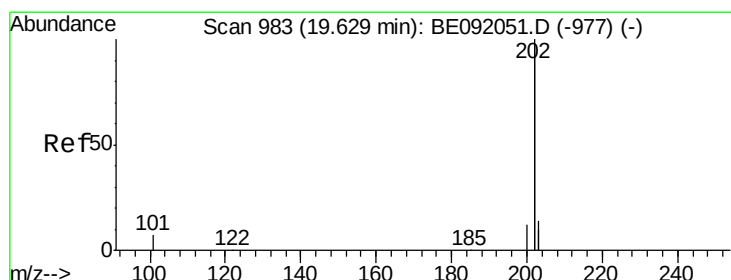
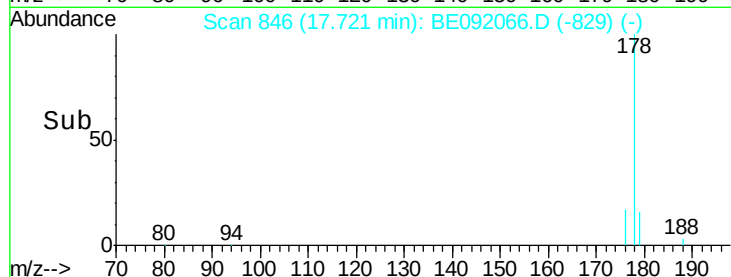
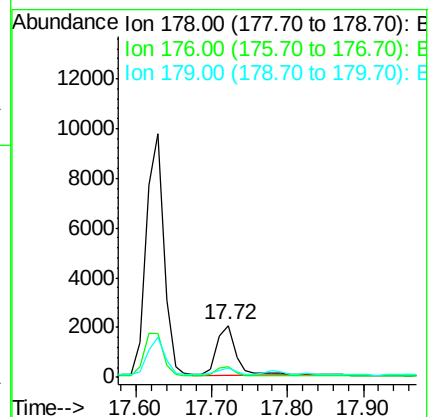
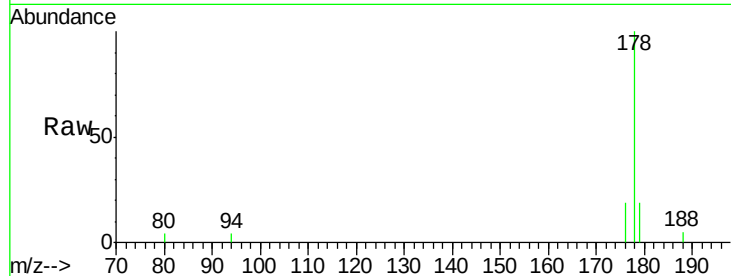
Tgt Ion:178 Resp: 3558

Ion Ratio Lower Upper

178 100

176 18.2 15.2 22.8

179 13.5 12.2 18.4



#30

Fluoranthene

Concen: 0.50 ng

RT: 19.63 min Scan# 983

Delta R.T. 0.00 min

Lab File: BE092066.D

Acq: 28 Jul 2016 4:27

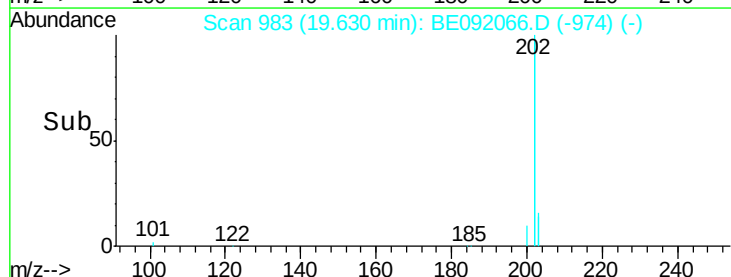
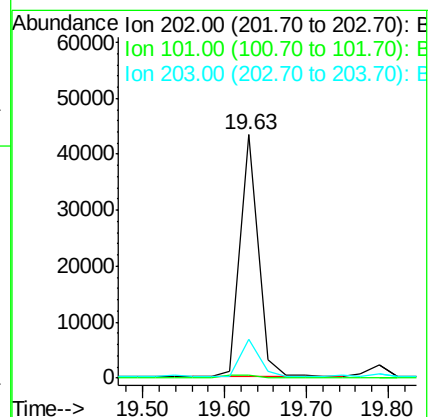
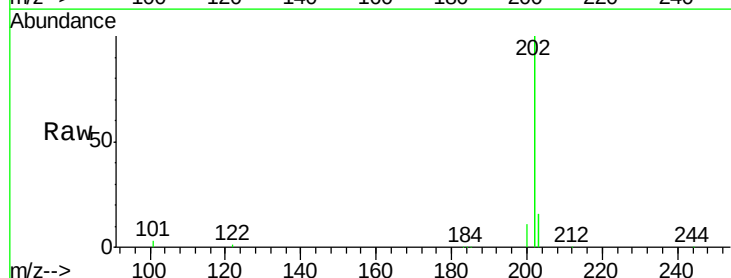
Tgt Ion:202 Resp: 65596

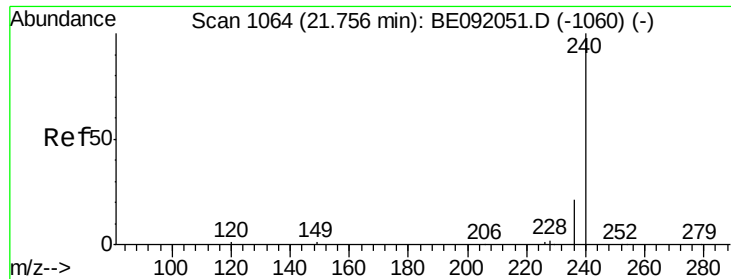
Ion Ratio Lower Upper

202 100

101 2.3 2.2 3.2

203 16.2 13.0 19.4





#31

Chrysene-d12

Concen: 5.00 ng

RT: 21.76 min Scan# 1064

Delta R.T. -0.00 min

Lab File: BE092066.D

Acq: 28 Jul 2016 4:27

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-SF-005RE

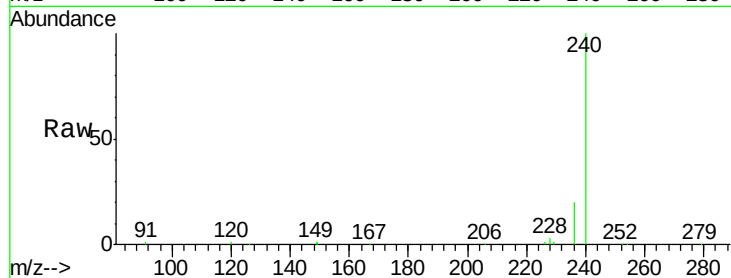
Tgt Ion:240 Resp: 94595

Ion Ratio Lower Upper

240 100

120 0.7 0.6 1.0

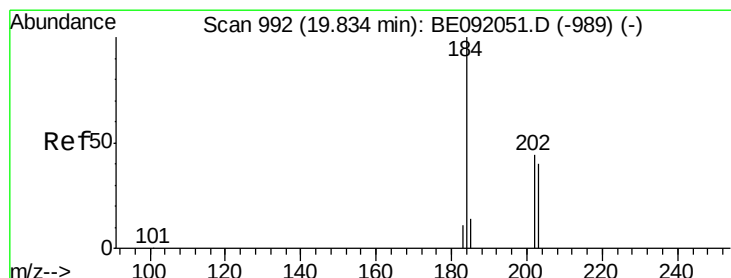
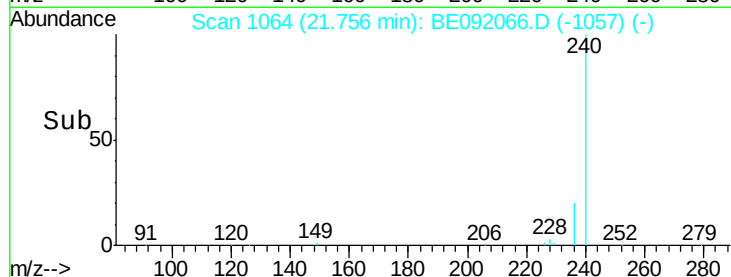
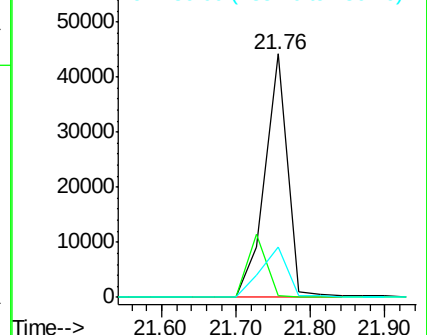
236 20.5 18.2 27.4



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: 20.18 min Scan# 1007

Delta R.T. 0.34 min

Lab File: BE092066.D

Acq: 28 Jul 2016 4:27

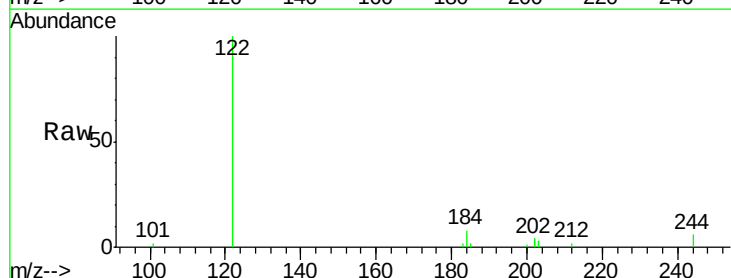
Tgt Ion:184 Resp: 1093

Ion Ratio Lower Upper

184 100

185 25.2 23.8 35.6

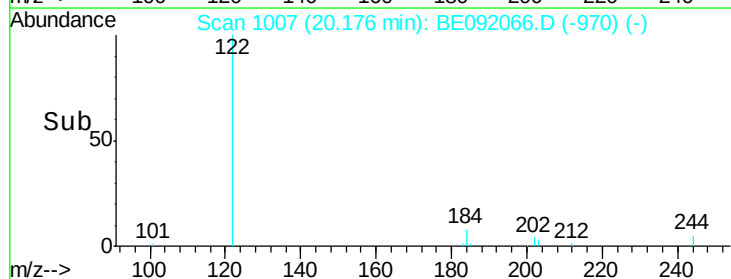
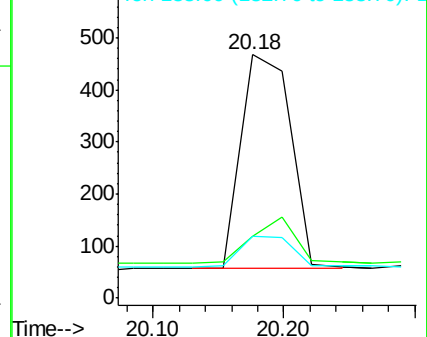
183 25.6 20.7 31.1

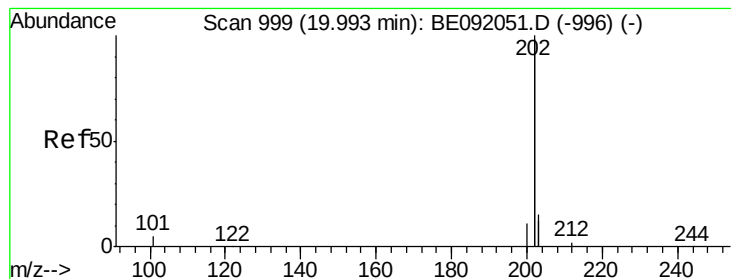


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#33

Pyrene

Concen: 0.50 ng

RT: 19.99 min Scan# 999

Delta R.T. 0.00 min

Lab File: BE092066.D

Acq: 28 Jul 2016 4:27

Instrument :

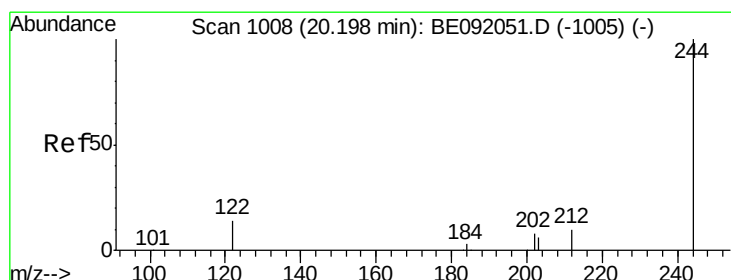
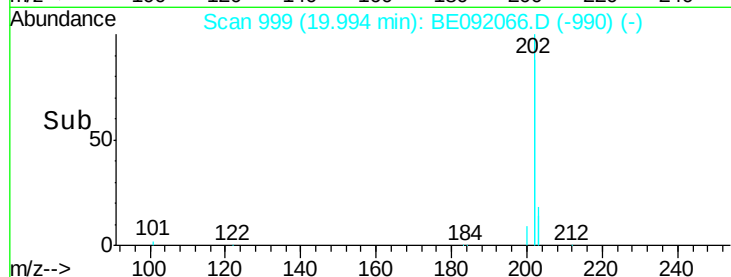
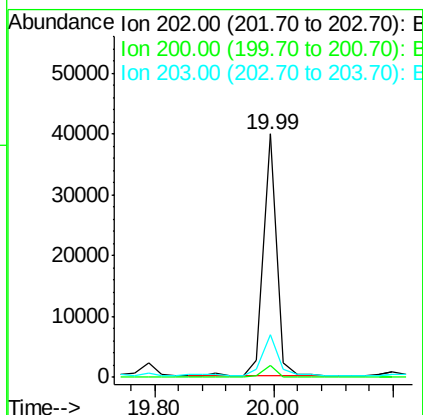
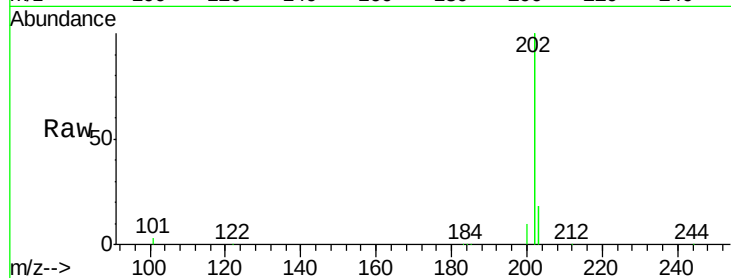
BNA_E

ClientSampleId :

TILCON-MH-SF-005RE

Tgt Ion: 202 Resp: 61503

Ion	Ratio	Lower	Upper
202	100		
200	5.2	4.4	6.6
203	20.3	13.4	20.0#



#34

Terphenyl-d14

Concen: 4.66 ng

RT: 20.20 min Scan# 1008

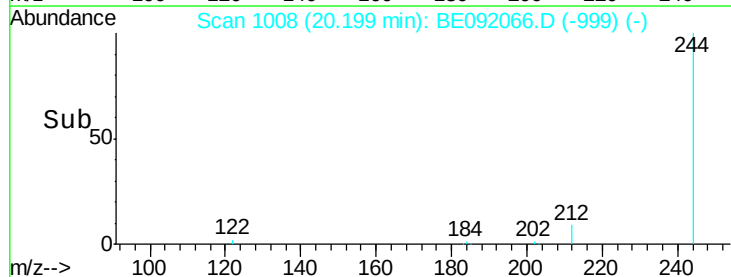
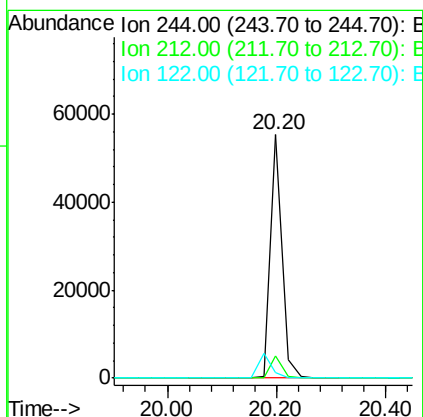
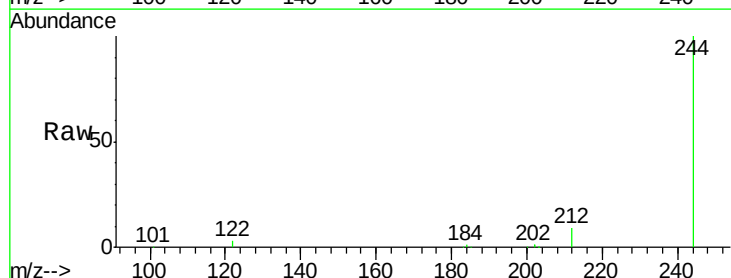
Delta R.T. 0.00 min

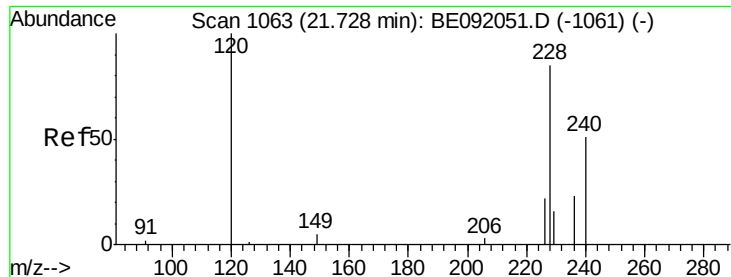
Lab File: BE092066.D

Acq: 28 Jul 2016 4:27

Tgt Ion: 244 Resp: 82153

Ion	Ratio	Lower	Upper
244	100		
212	8.9	9.1	13.7#
122	2.5	11.0	16.4#





#35

Benzo(a)anthracene

Concen: 0.35 ng

RT: 21.73 min Scan# 1063

Delta R.T. 0.00 min

Lab File: BE092066.D

Acq: 28 Jul 2016 4:27

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-SF-005RE

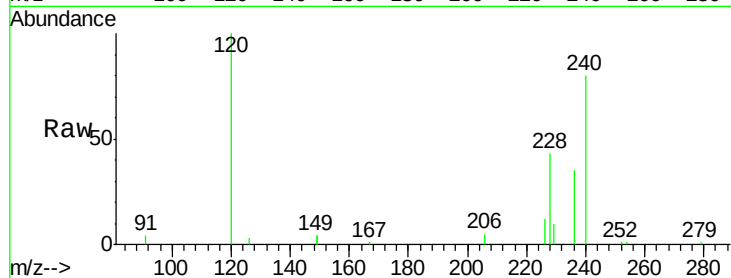
Tgt Ion:228 Resp: 14624

Ion Ratio Lower Upper

228 100

226 28.3 22.1 33.1

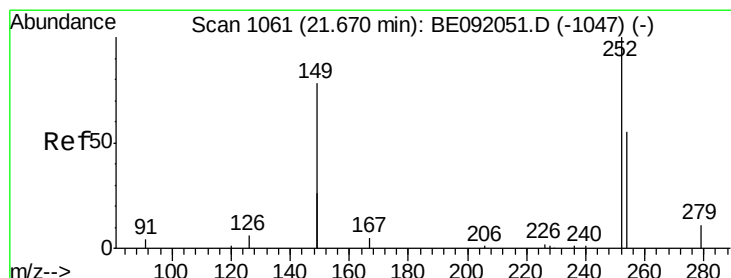
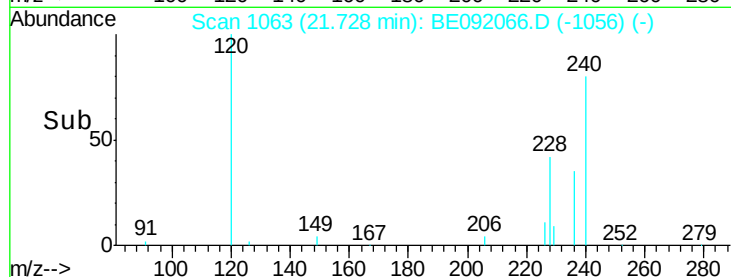
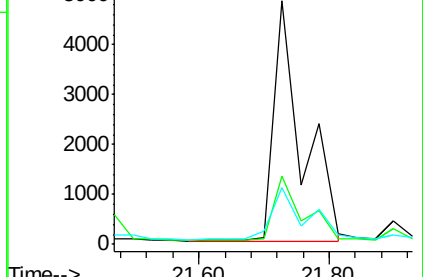
229 23.2 15.1 22.7#



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: 0.27 ng

RT: 21.78 min Scan# 1065

Delta R.T. 0.11 min

Lab File: BE092066.D

Acq: 28 Jul 2016 4:27

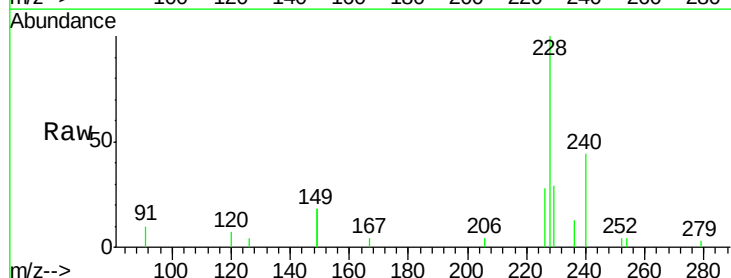
Tgt Ion:252 Resp: 167

Ion Ratio Lower Upper

252 100

254 92.9 44.2 66.2#

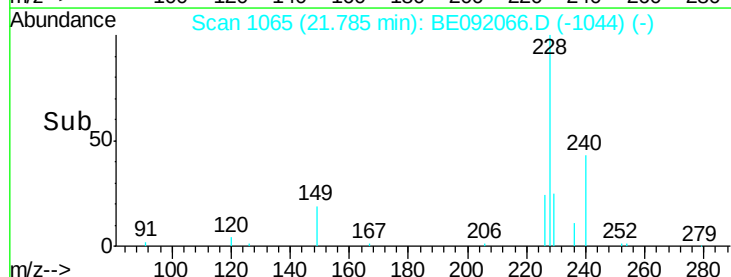
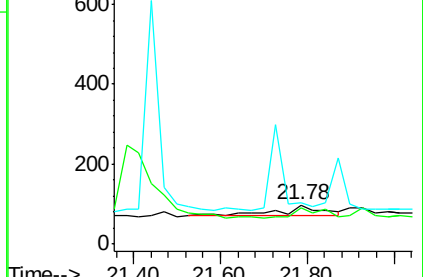
126 105.1 10.6 15.8#

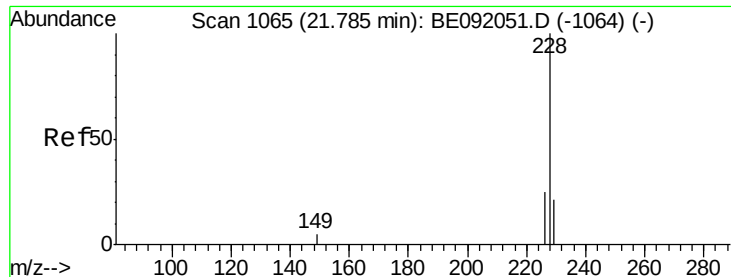


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#37

Chrysene

Concen: 0.29 ng

RT: 21.73 min Scan# 1063

Delta R.T. -0.06 min

Lab File: BE092066.D

Acq: 28 Jul 2016 4:27

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-SF-005RE

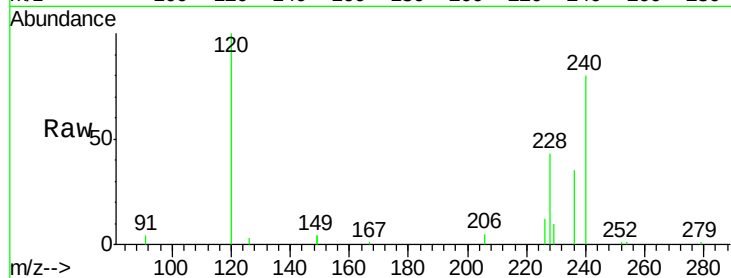
Tgt Ion:228 Resp: 14710

Ion Ratio Lower Upper

228 100

226 28.3 22.3 33.5

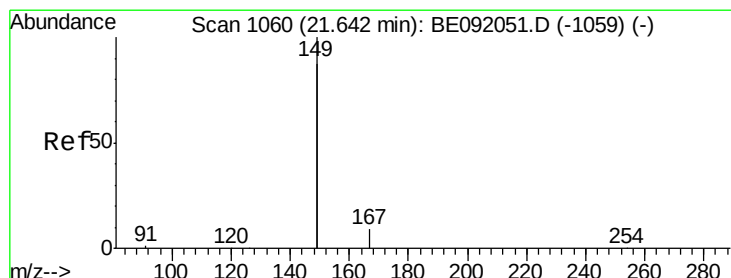
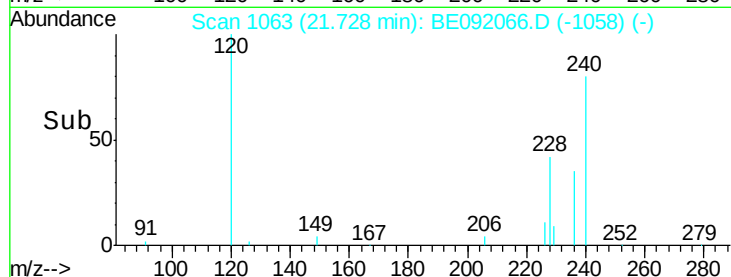
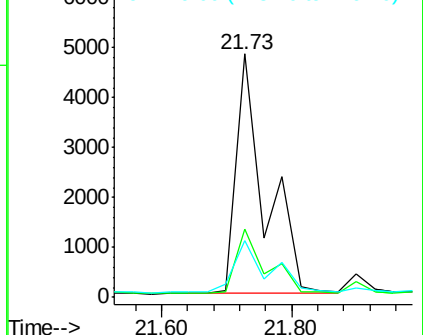
229 23.2 16.9 25.3



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: 0.17 ng

RT: 21.64 min Scan# 1060

Delta R.T. 0.00 min

Lab File: BE092066.D

Acq: 28 Jul 2016 4:27

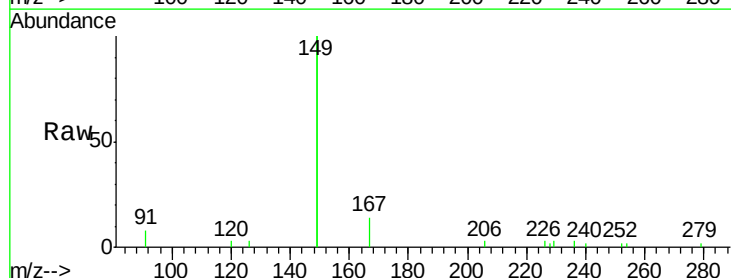
Tgt Ion:149 Resp: 9523

Ion Ratio Lower Upper

149 100

167 5.9 3.8 5.6#

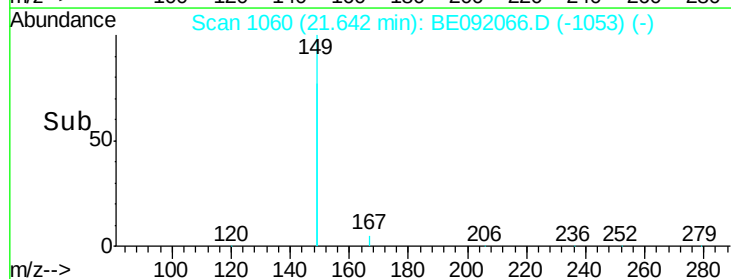
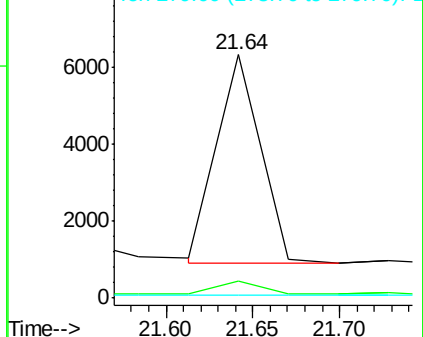
279 0.0 0.0 0.0

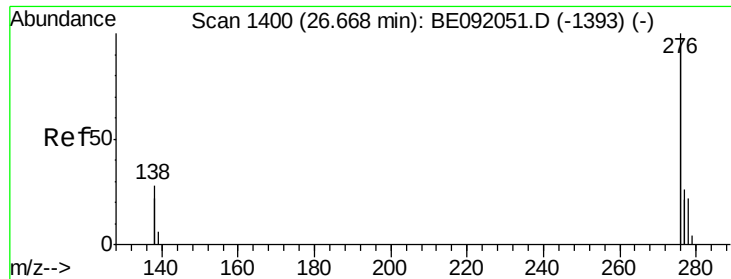


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.10 ng

RT: 26.65 min Scan# 1398

Delta R.T. -0.02 min

Lab File: BE092066.D

Acq: 28 Jul 2016 4:27

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-SF-005RE

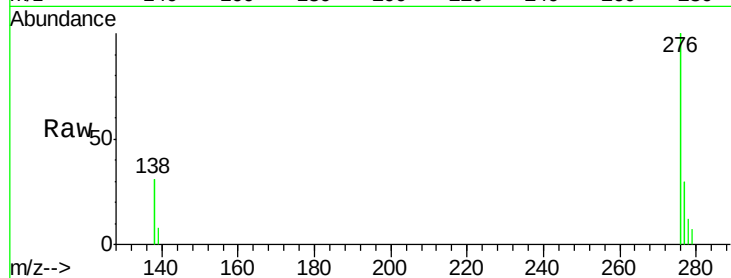
Tgt Ion:276 Resp: 10700

Ion Ratio Lower Upper

276 100

138 21.5 21.2 31.8

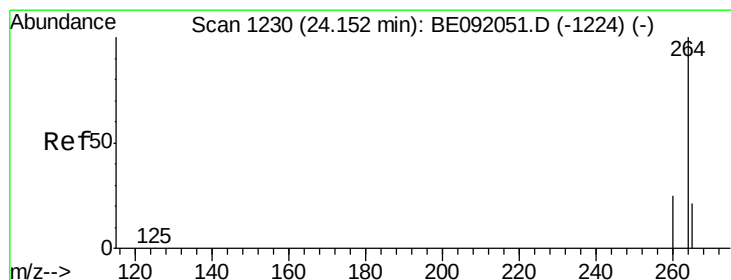
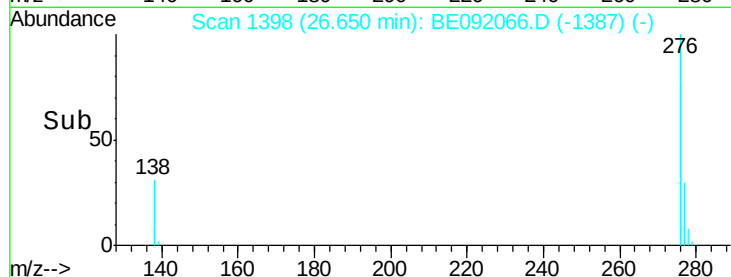
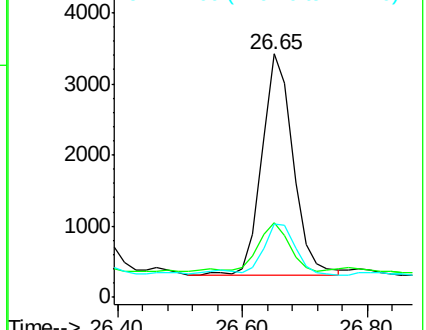
277 23.4 19.8 29.8



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# 1229

Delta R.T. -0.00 min

Lab File: BE092066.D

Acq: 28 Jul 2016 4:27

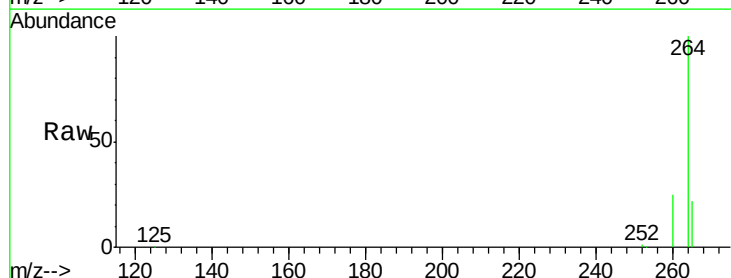
Tgt Ion:264 Resp: 119147

Ion Ratio Lower Upper

264 100

260 25.3 20.8 31.2

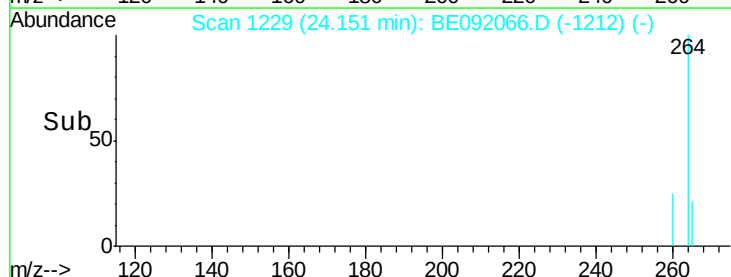
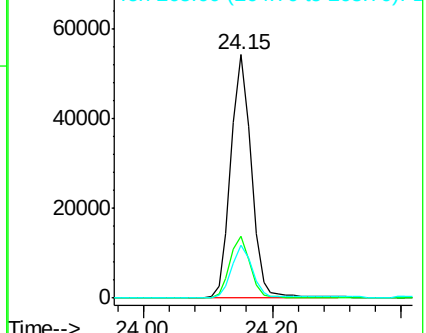
265 21.7 16.6 25.0

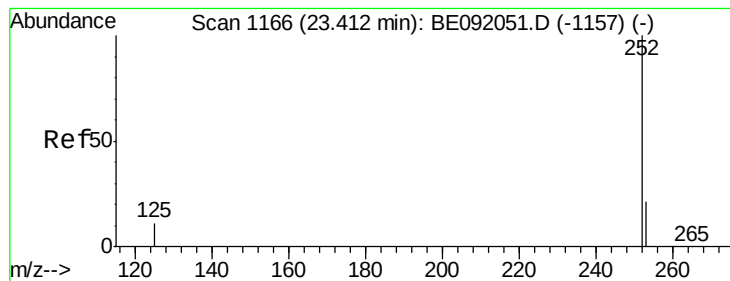


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#41

Benzo(b)fluoranthene

Concen: 0.30 ng

RT: 23.41 min Scan# 1165

Delta R.T. -0.00 min

Lab File: BE092066.D

Acq: 28 Jul 2016 4:27

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-SF-005RE

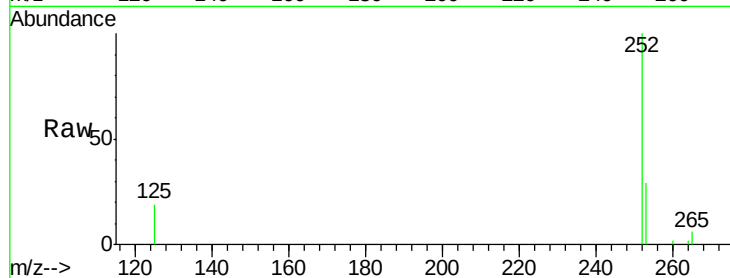
Tgt Ion:252 Resp: 10887

Ion Ratio Lower Upper

252 100

253 28.8 17.4 26.0#

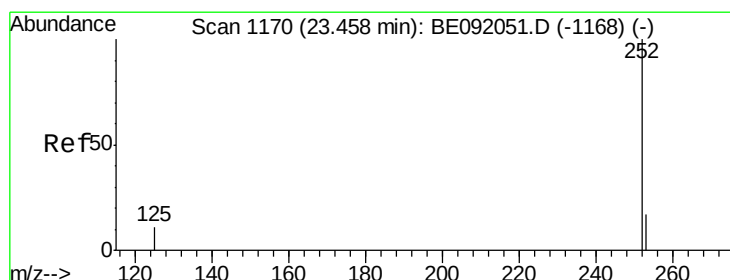
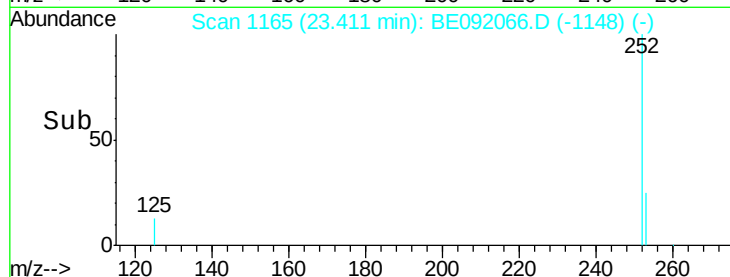
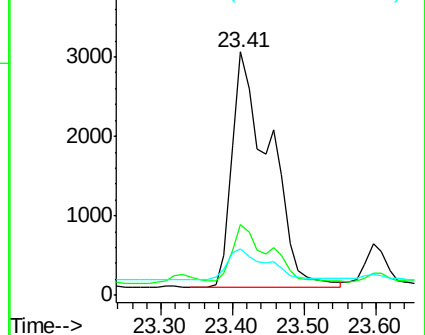
125 19.0 10.2 15.2#



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: 0.29 ng

RT: 23.41 min Scan# 1165

Delta R.T. -0.05 min

Lab File: BE092066.D

Acq: 28 Jul 2016 4:27

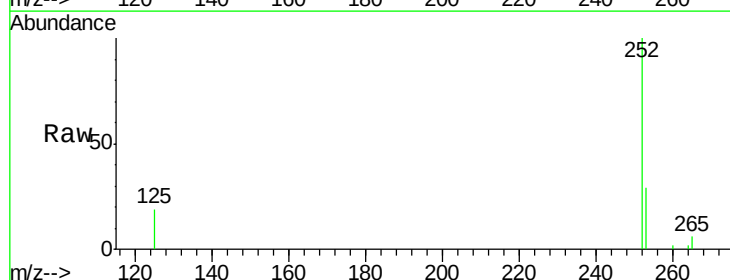
Tgt Ion:252 Resp: 10887

Ion Ratio Lower Upper

252 100

253 28.8 19.4 29.0

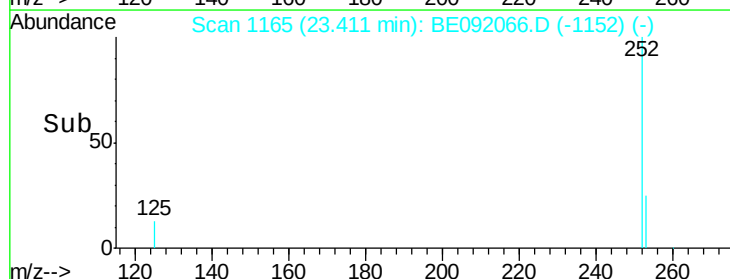
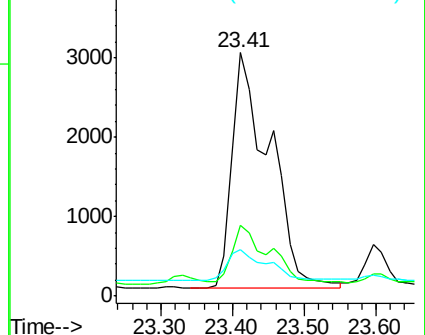
125 19.0 8.9 13.3#

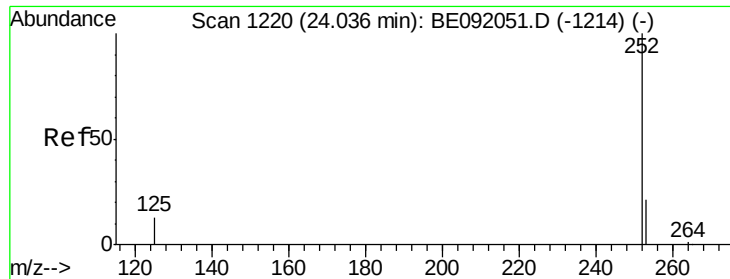


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#43

Benzo(a)pyrene

Concen: 0.17 ng

RT: 24.04 min Scan# 1219

Delta R.T. -0.00 min

Lab File: BE092066.D

Acq: 28 Jul 2016 4:27

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-SF-005RE

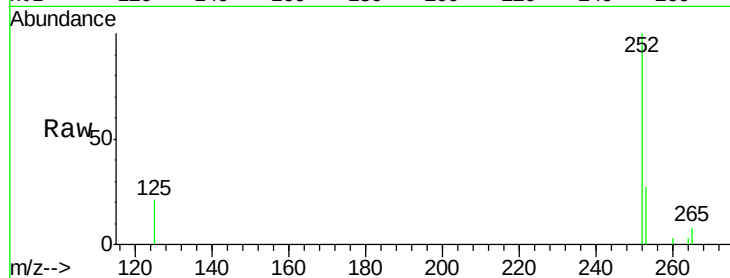
Tgt Ion: 252 Resp: 5089

Ion Ratio Lower Upper

252 100

253 26.7 19.8 29.8

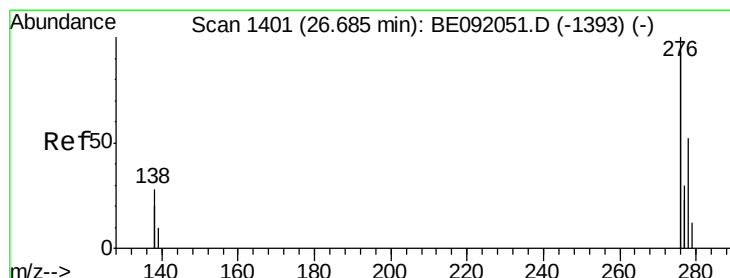
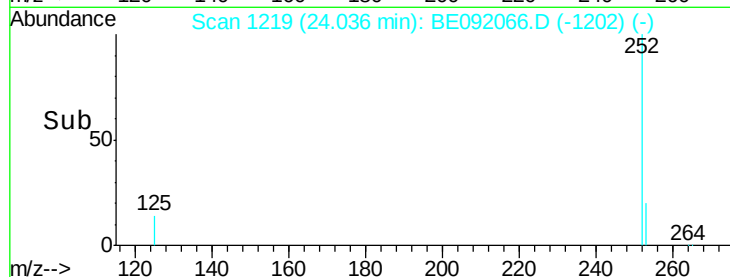
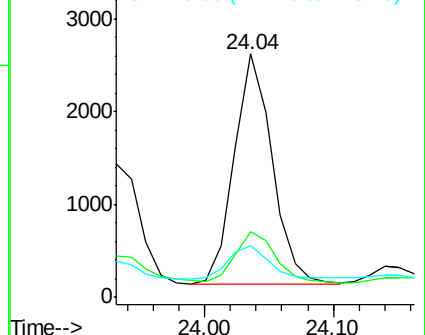
125 21.3 10.4 15.6#



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



#44

Dibenzo(a,h)anthracene

Concen: 0.03 ng

RT: 26.67 min Scan# 1399

Delta R.T. -0.02 min

Lab File: BE092066.D

Acq: 28 Jul 2016 4:27

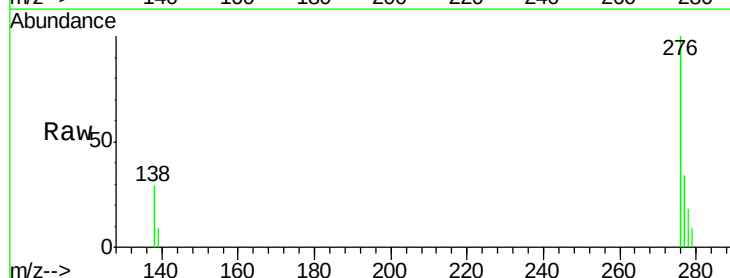
Tgt Ion: 278 Resp: 736

Ion Ratio Lower Upper

278 100

139 50.4 16.7 25.1#

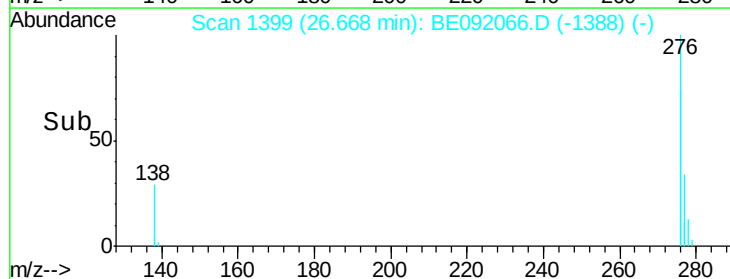
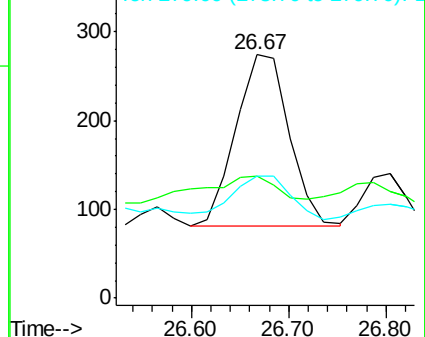
279 50.4 20.3 30.5#

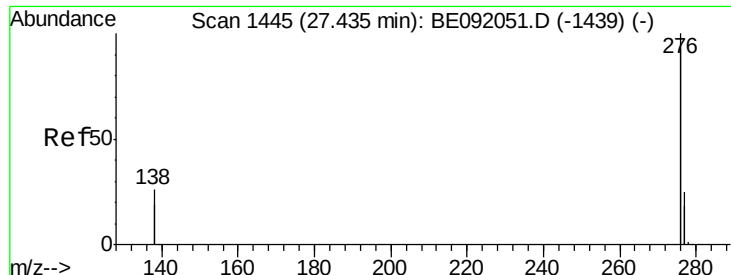


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#45

Benzo(g,h,i)perylene

Concen: 0.10 ng

RT: 27.43 min Scan# 1444

Delta R.T. -0.00 min

Lab File: BE092066.D

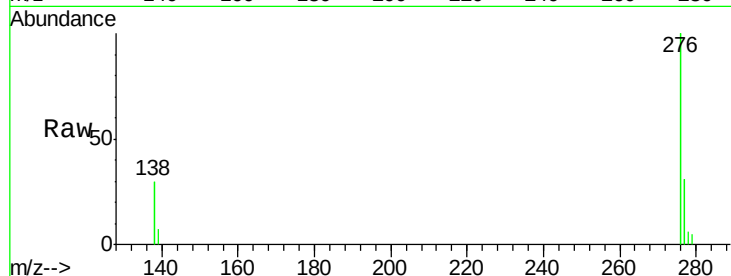
Acq: 28 Jul 2016 4:27

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-SF-005RE



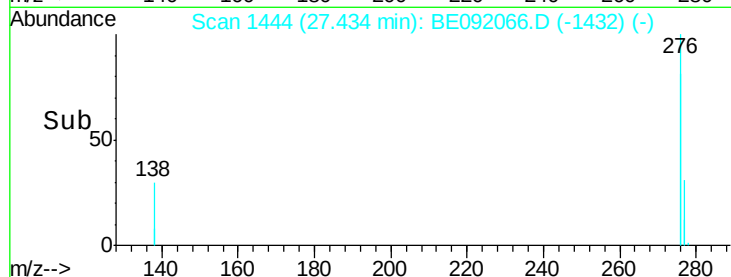
Tgt Ion: 276 Resp: 10630

Ion Ratio Lower Upper

276 100

277 31.2 19.5 29.3#

138 29.9 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

