

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE080116\
 Data File : BE092099.D
 Acq On : 1 Aug 2016 19:41
 Operator : UM/SJ
 Sample : H4107-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: Aug 02 01:06:39 2016
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE080116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 01 17:22:55 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	12564	5.00	ng	0.00
8) Naphthalene-d8	10.97	136	62994	5.00	ng	0.00
15) Acenaphthene-d10	14.86	164	33940	5.00	ng	0.00
24) Phenanthrene-d10	17.58	188	121950	5.00	ng	0.00
31) Chrysene-d12	21.74	240	118714	5.00	ng	0.00
40) Perylene-d12	24.14	264	105569	5.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.69	112	19531	5.65	ng	-0.01
5) Phenol-d6	7.33	99	29171	6.09	ng	0.00
9) Nitrobenzene-d5	9.35	82	15582	3.17	ng	0.00
16) 2,4,6-Tribromophenol	16.32	330	9561	4.26	ng	-0.02
17) 2-Fluorobiphenyl	13.46	172	41965	3.19	ng	0.00
34) Terphenyl-d14	20.18	244	40432	3.51	ng	-0.03

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.44	88	79	Below Cal	#	6
3) n-Nitrosodimethylamine	3.85	42	64	0.03 ng	#	1
6) bis(2-Chloroethyl)ether	7.59	93	73	0.02 ng	#	92
7) n-Nitroso-di-n-propylamine	9.06	70	101	0.03 ng	#	25
10) Nitrobenzene	9.38	77	153	0.03 ng	#	70
11) bis(2-Chloroethoxy)methane	10.40	93	118	Below Cal	#	50
12) Naphthalene	11.02	128	1264	0.09 ng	#	87
13) Hexachlorobutadiene	11.32	225	42	0.02 ng	#	99
14) 2-Methylnaphthalene	12.65	142	430	0.04 ng	#	78
18) Acenaphthylene	14.58	152	2171	0.03 ng	#	94
19) 2,6-Dinitrotoluene	14.31	165	8389	0.95 ng	#	100
20) Acenaphthene	14.92	154	1898	0.18 ng	#	74
21) 2,4-Dinitrotoluene	14.86	165	16357	1.13 ng	#	1
22) Fluorene	15.89	166	2627	0.17 ng	#	99
23) 4-Chlorophenyl-phenylether	15.89	204	314	0.04 ng	#	1
25) 4-Bromophenyl-phenylether	16.76	248	116	0.03 ng	#	37
26) Hexachlorobenzene	16.88	284	125	0.03 ng	#	91
27) Pentachlorophenol	17.23	266	1796	2.68 ng	#	84
28) Phenanthrene	17.62	178	41981	1.41 ng	#	97
29) Anthracene	17.62	178	33579	1.38 ng	#	99
30) Fluoranthene	19.61	202	167853	1.97 ng	#	96
32) Benzidine	20.18	184	1398	0.45 ng	#	92
33) Pyrene	19.98	202	226707	1.68 ng	#	96
35) Benzo(a)anthracene	21.71	228	47472	1.64 ng	#	96
36) 3,3'-Dichlorobenzidine	21.78	252	227	0.02 ng	#	22
37) Chrysene	21.71	228	47480	1.68 ng	#	96
38) Bis(2-ethylhexyl)phthalate	21.65	149	2259	Below Cal	#	25
39) Indeno(1,2,3-cd)pyrene	26.65	276	51191	0.41 ng	#	94
41) Benzo(b)fluoranthene	23.40	252	37987	1.38 ng	#	92
42) Benzo(k)fluoranthene	23.40	252	37987	1.27 ng	#	93
43) Benzo(a)pyrene	24.03	252	20241	0.74 ng	#	98
44) Dibenzo(a,h)anthracene	26.67	278	3348	0.13 ng	#	83
45) Benzo(g,h,i)perylene	27.42	276	53377	0.50 ng	#	97

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QLast Update : Mon Aug 01 17:22:55 2016
Response via : Initial Calibration

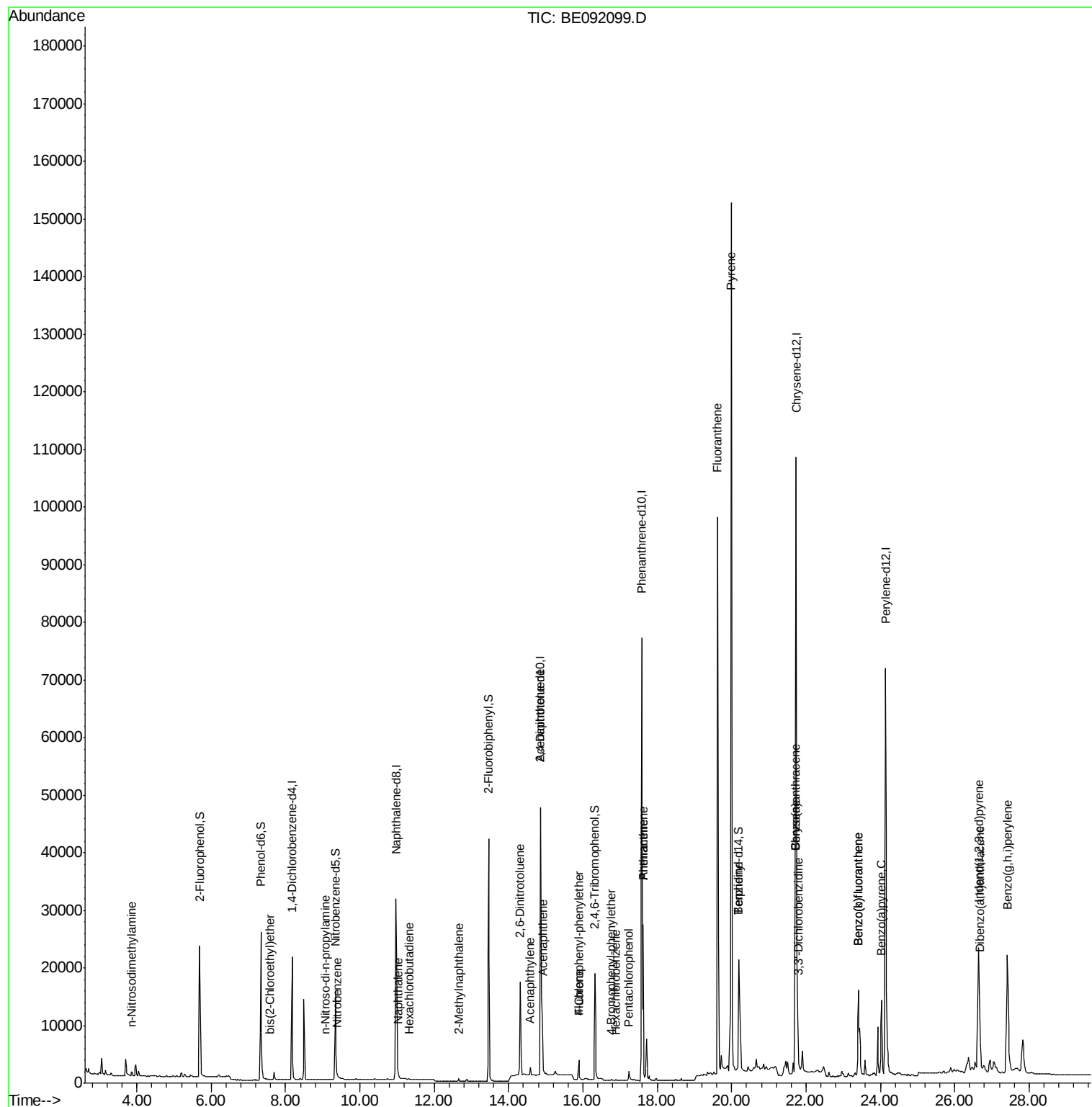
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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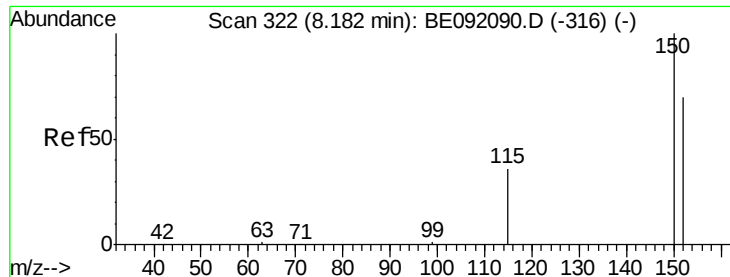
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.18 min Scan# 322

Delta R.T. -0.00 min

Lab File: BE092099.D

Acq: 1 Aug 2016 19:41

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-SF-004

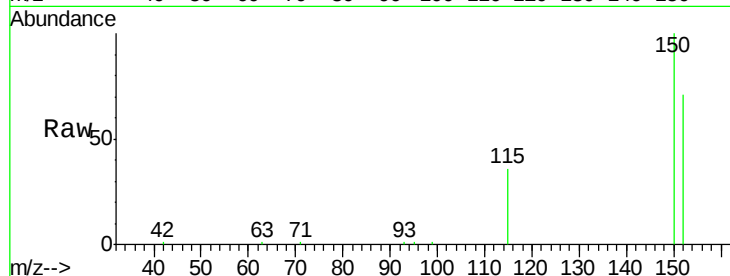
Tgt Ion:152 Resp: 12564

Ion Ratio Lower Upper

152 100

150 141.3 106.0 159.0

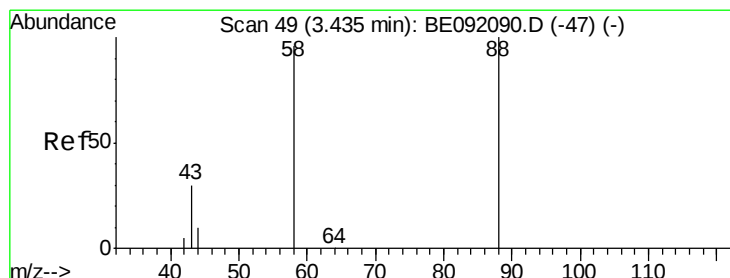
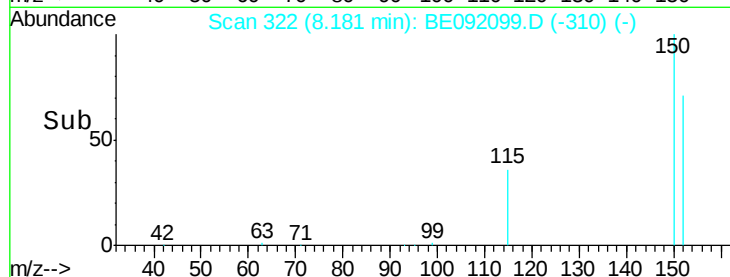
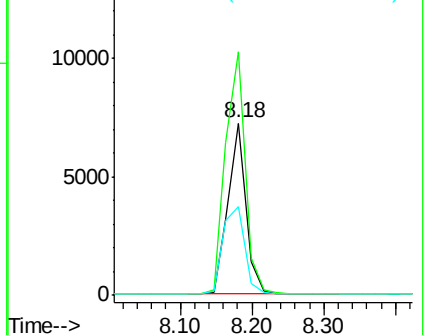
115 51.5 36.9 55.3



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: Below Cal

RT: 3.44 min Scan# 49

Delta R.T. 0.00 min

Lab File: BE092099.D

Acq: 1 Aug 2016 19:41

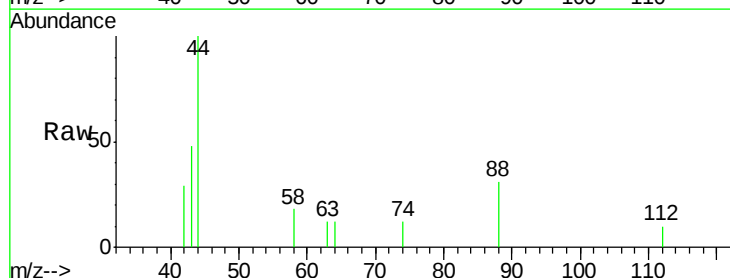
Tgt Ion: 88 Resp: 79

Ion Ratio Lower Upper

88 100

58 36.7 62.1 93.1#

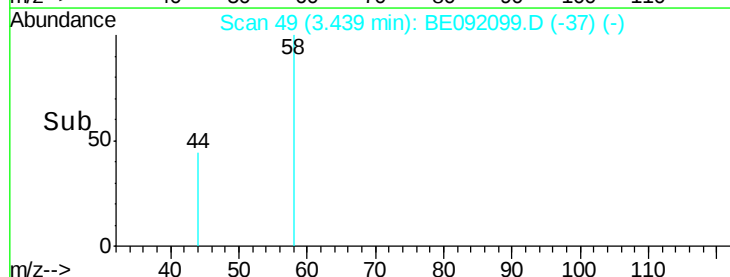
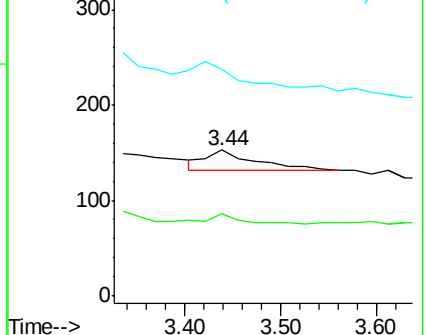
43 149.4 27.2 40.8#

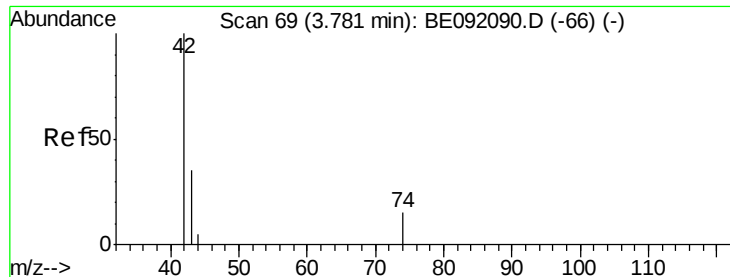


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.03 ng

RT: 3.85 min Scan# 73

Delta R.T. 0.07 min

Lab File: BE092099.D

Acq: 1 Aug 2016 19:41

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-SF-004

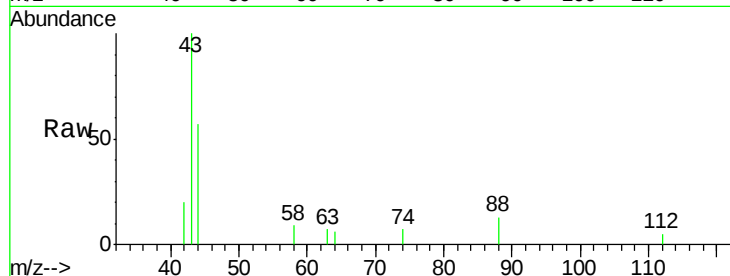
Tgt Ion: 42 Resp: 64

Ion Ratio Lower Upper

42 100

74 0.0 82.8 124.2#

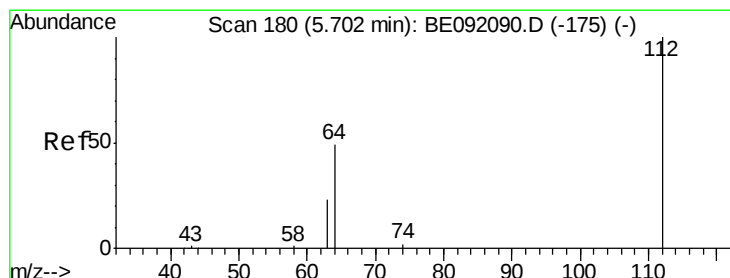
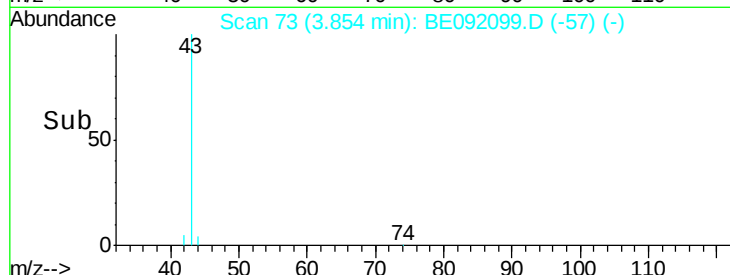
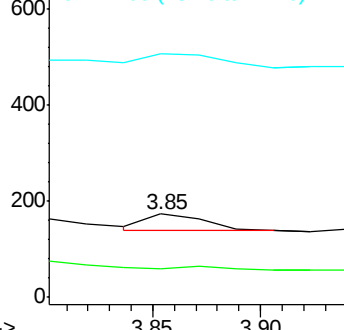
44 114.1 9.0 13.4#



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: 5.65 ng

RT: 5.69 min Scan# 179

Delta R.T. -0.01 min

Lab File: BE092099.D

Acq: 1 Aug 2016 19:41

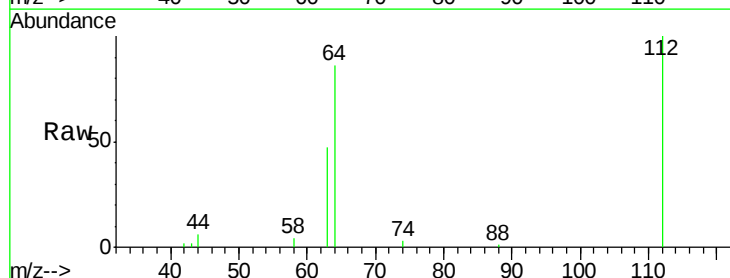
Tgt Ion: 112 Resp: 19531

Ion Ratio Lower Upper

112 100

64 67.8 55.9 83.9

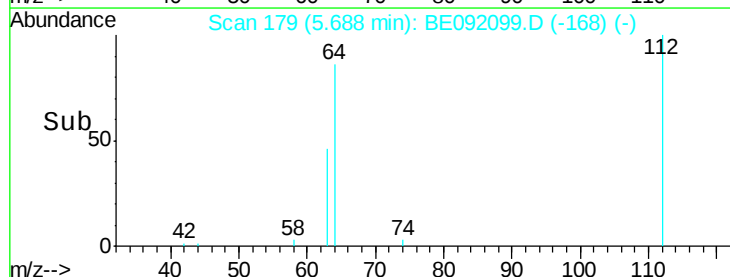
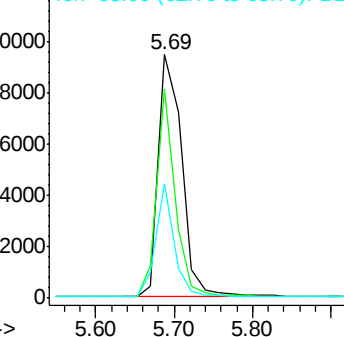
63 36.5 31.1 46.7

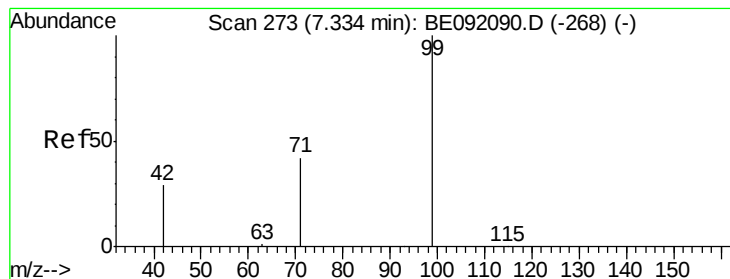


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 6.09 ng

RT: 7.33 min Scan# 273

Delta R.T. 0.00 min

Lab File: BE092099.D

Acq: 1 Aug 2016 19:41

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-SF-004

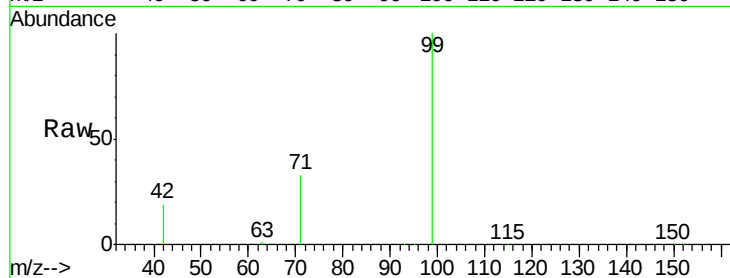
Tgt Ion: 99 Resp: 29171

Ion Ratio Lower Upper

99 100

42 24.6 22.4 33.6

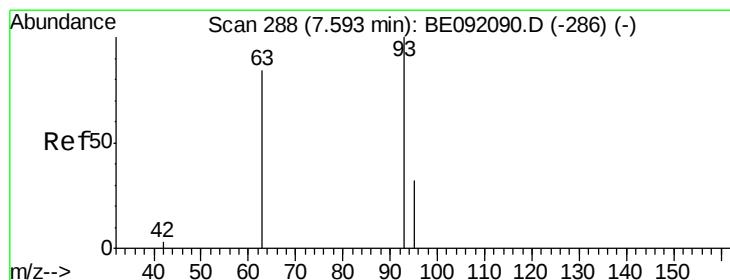
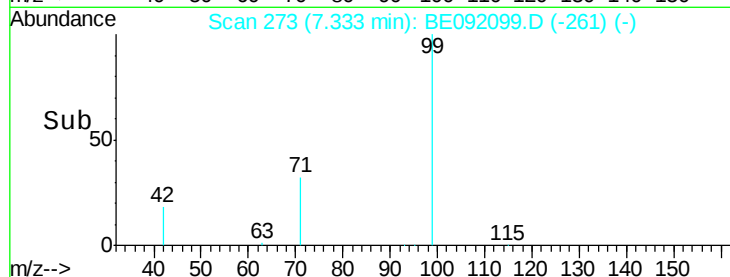
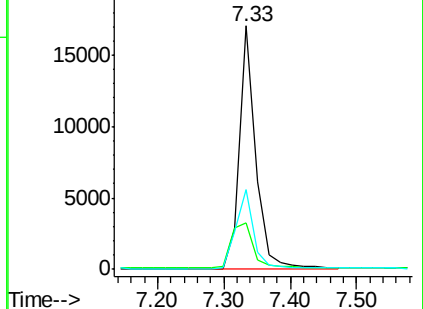
71 35.4 28.9 43.3



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: 0.02 ng

RT: 7.59 min Scan# 288

Delta R.T. -0.00 min

Lab File: BE092099.D

Acq: 1 Aug 2016 19:41

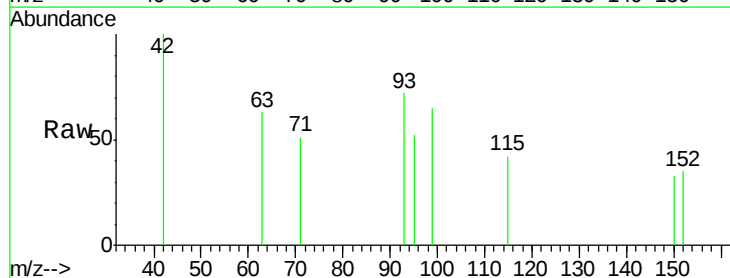
Tgt Ion: 93 Resp: 73

Ion Ratio Lower Upper

93 100

63 76.7 64.4 96.6

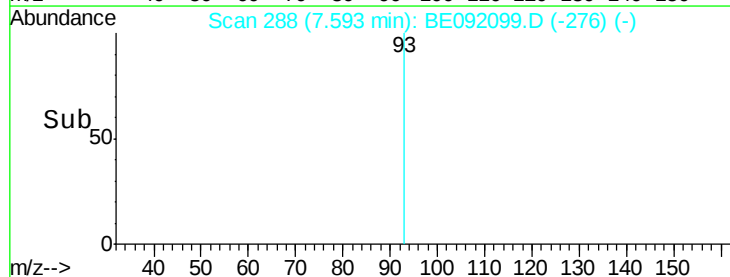
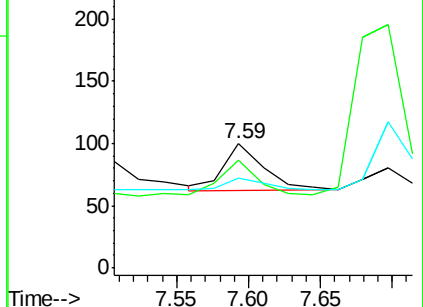
95 23.3 25.8 38.8#

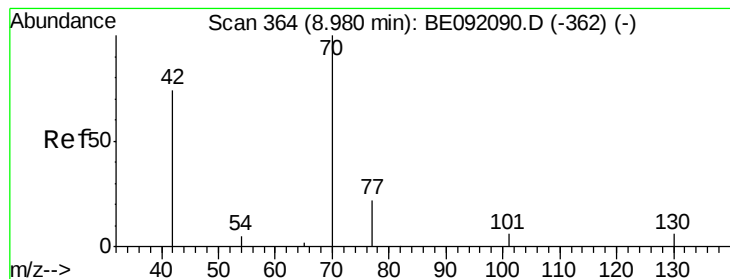


Abundance Ion 93.00 (92.70 to 93.70): BE0

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. 0.08 min

Lab File: BE092099.D

Acq: 1 Aug 2016 19:41

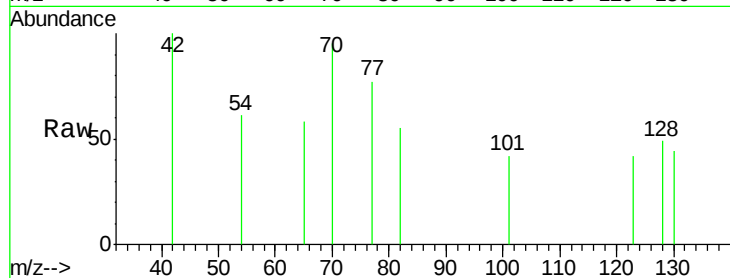
Instrument :

BNA_E

ClientSampleId :

TILCON-MH-SF-004

Tgt Ion:	70	Resp:	101
Ion	Ratio	Lower	Upper
70	100		
42	0.0	60.2	90.4#
101	0.0	6.8	10.2#
130	0.0	13.3	19.9#

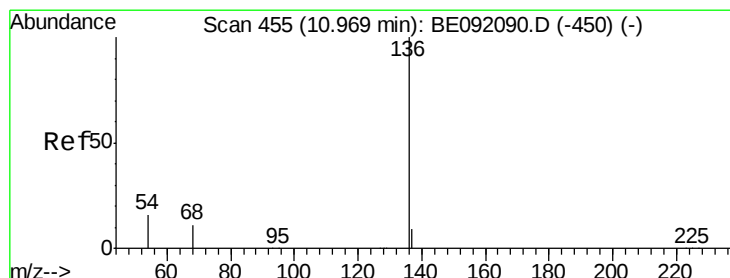
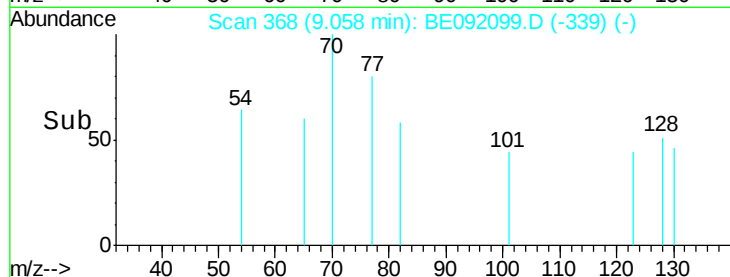
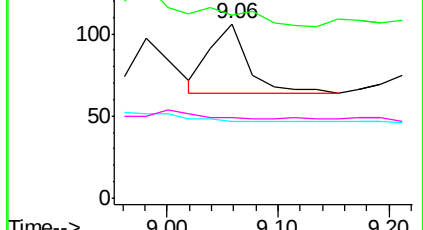


Abundance Ion 70.00 (69.70 to 70.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#8

Naphthalene-d8

Concen: 5.00 ng

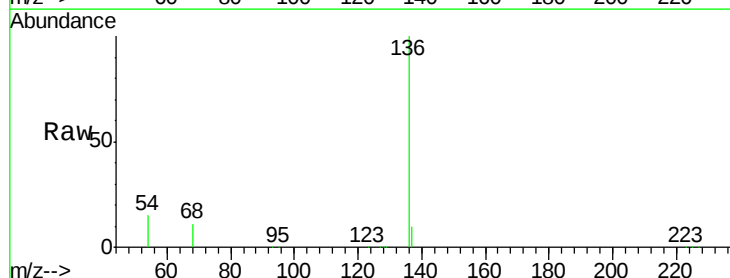
RT: 10.97 min Scan# 455

Delta R.T. 0.00 min

Lab File: BE092099.D

Acq: 1 Aug 2016 19:41

Tgt Ion:	136	Resp:	62994
Ion	Ratio	Lower	Upper
136	100		
137	9.7	9.1	13.7
54	15.0	2.7	4.1#
68	10.7	2.2	3.4#

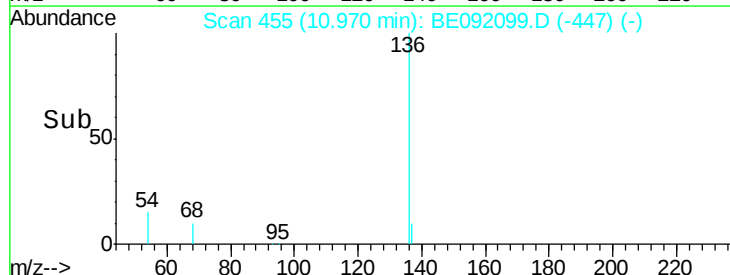
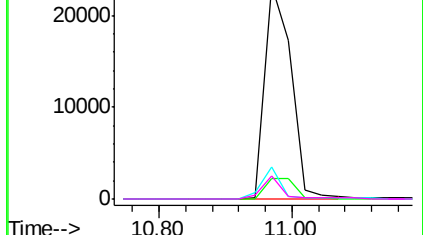


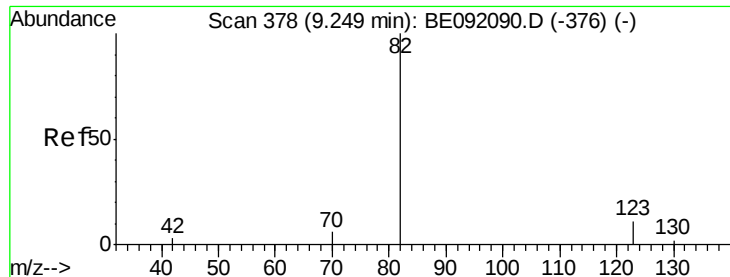
Abundance Ion 136.00 (135.70 to 136.70): E

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: 3.17 ng

RT: 9.35 min Scan# 383

Delta R.T. 0.00 min

Lab File: BE092099.D

Acq: 1 Aug 2016 19:41

Instrument :

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ClientSampleId :

TILCON-MH-SF-004

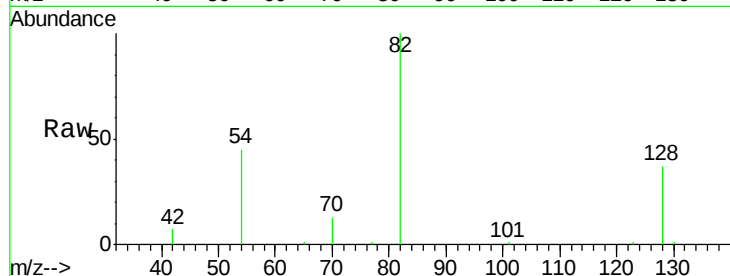
Tgt Ion: 82 Resp: 15582

Ion Ratio Lower Upper

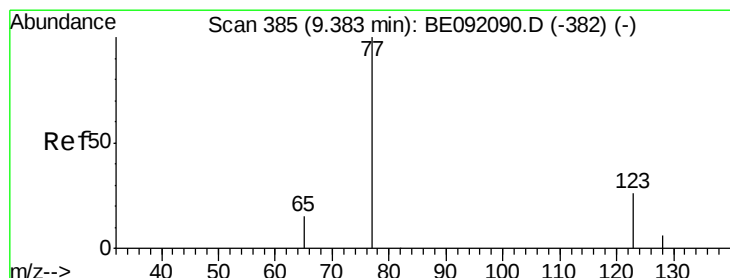
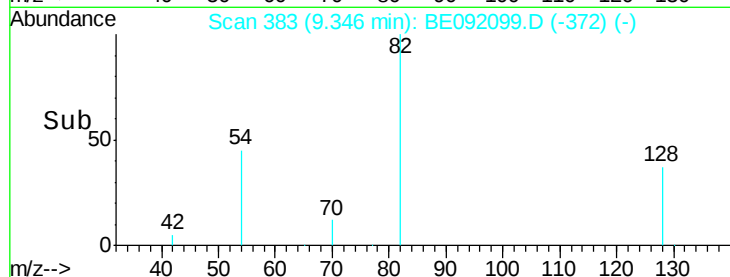
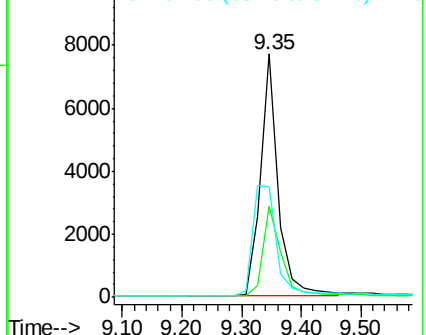
82 100

128 37.4 33.0 49.4

54 45.3 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: 0.03 ng

RT: 9.38 min Scan# 385

Delta R.T. 0.00 min

Lab File: BE092099.D

Acq: 1 Aug 2016 19:41

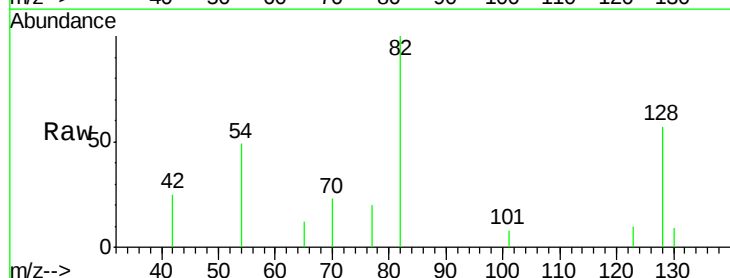
Tgt Ion: 77 Resp: 153

Ion Ratio Lower Upper

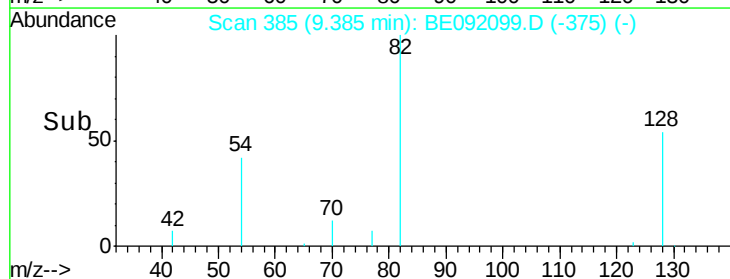
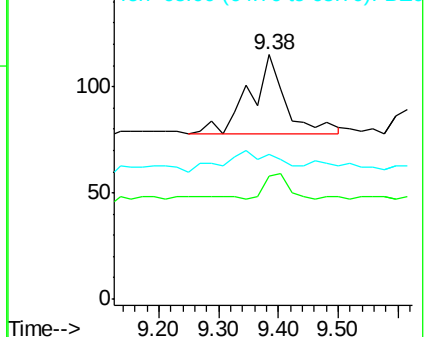
77 100

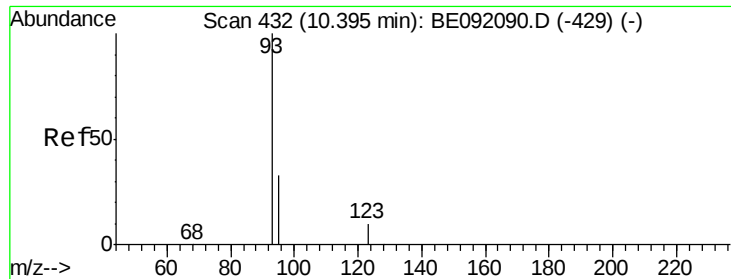
123 20.9 29.9 44.9#

65 0.0 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

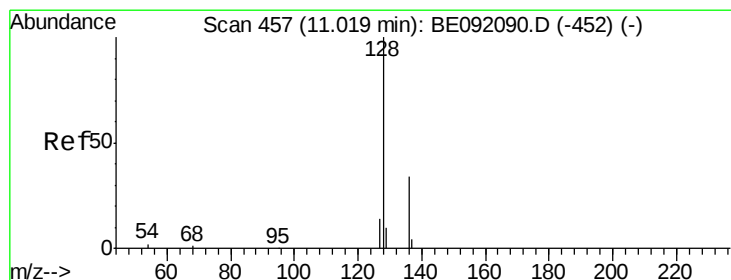
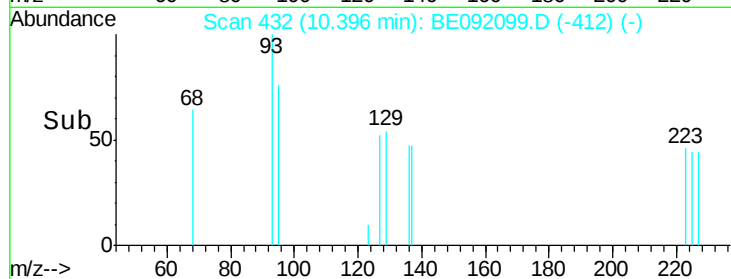
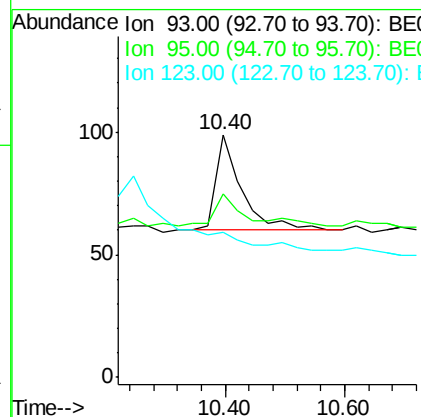
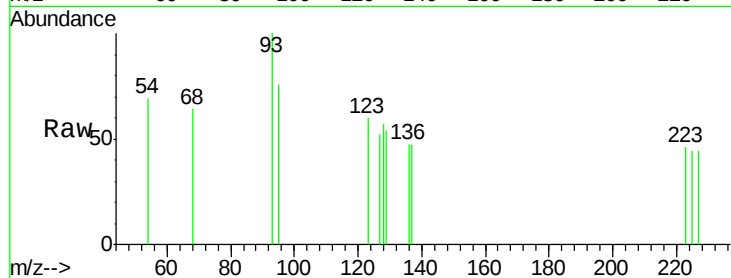




#11
 bis(2-Chloroethoxy)methane
 Concen: Below Cal
 RT: 10.40 min Scan# 432
 Delta R.T. 0.00 min
 Lab File: BE092099.D
 Acq: 1 Aug 2016 19:41

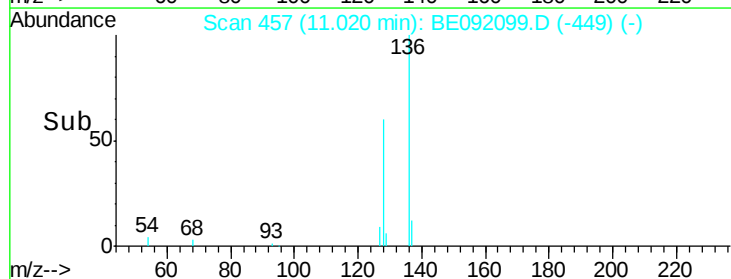
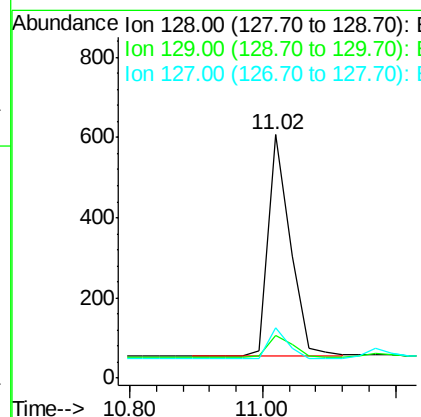
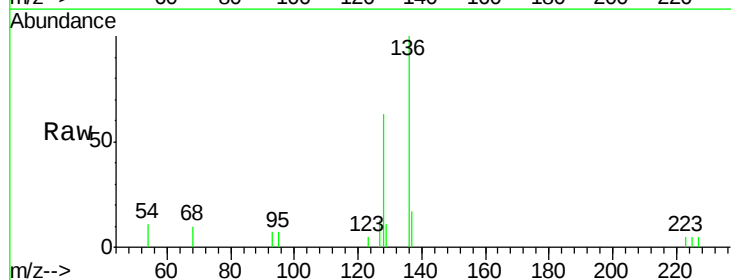
Instrument :
 BNA_E
 ClientSampleId :
 TILCON-MH-SF-004

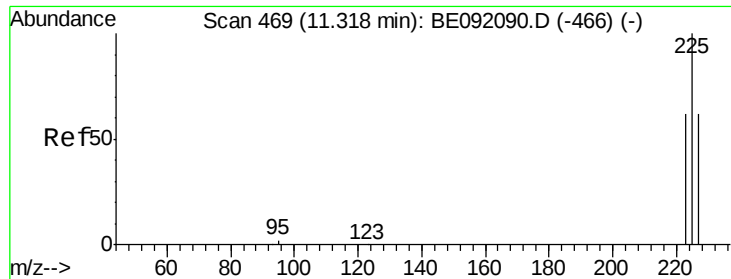
Tgt Ion: 93 Resp: 118
 Ion Ratio Lower Upper
 93 100
 95 0.0 25.0 37.6#
 123 0.0 7.8 11.8#



#12
 Naphthalene
 Concen: 0.09 ng
 RT: 11.02 min Scan# 457
 Delta R.T. 0.00 min
 Lab File: BE092099.D
 Acq: 1 Aug 2016 19:41

Tgt Ion: 128 Resp: 1264
 Ion Ratio Lower Upper
 128 100
 129 17.6 11.1 16.7#
 127 20.8 11.3 16.9#

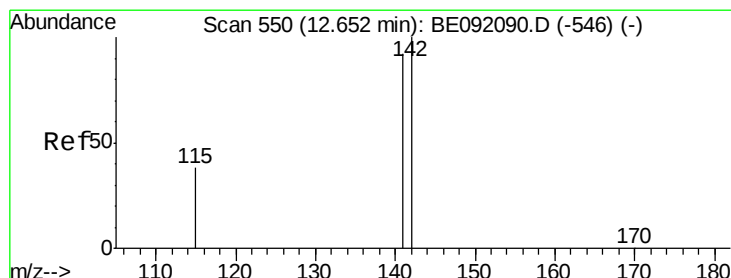
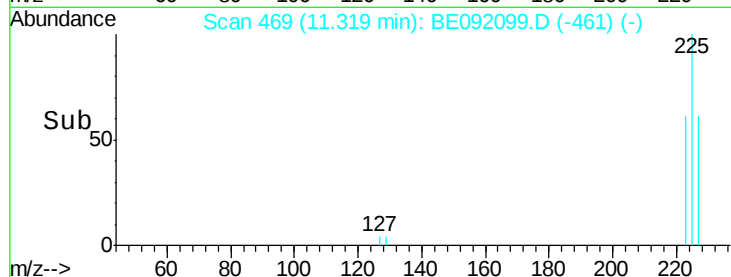
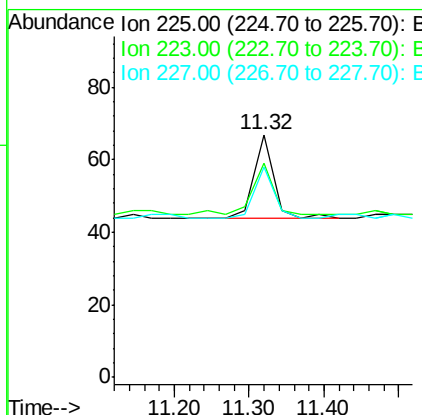
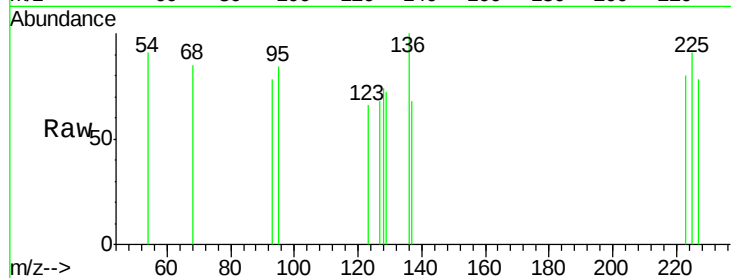




#13
Hexachlorobutadiene
Concen: 0.02 ng
RT: 11.32 min Scan# 469
Delta R.T. 0.00 min
Lab File: BE092099.D
Acq: 1 Aug 2016 19:41

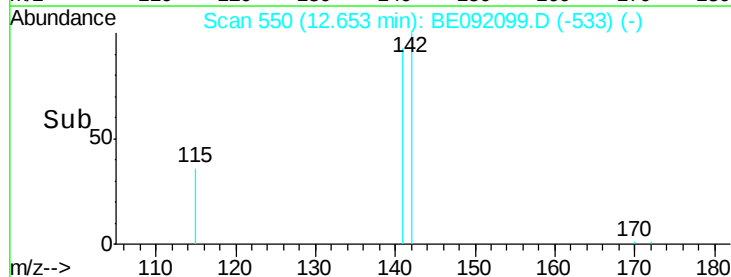
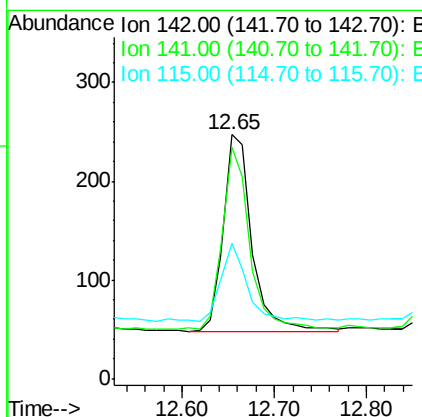
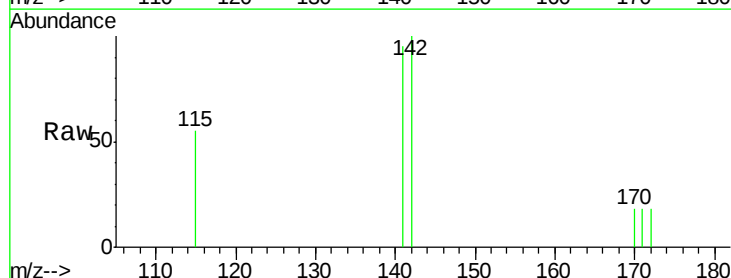
Instrument :
BNA_E
ClientSampleId :
TILCON-MH-SF-004

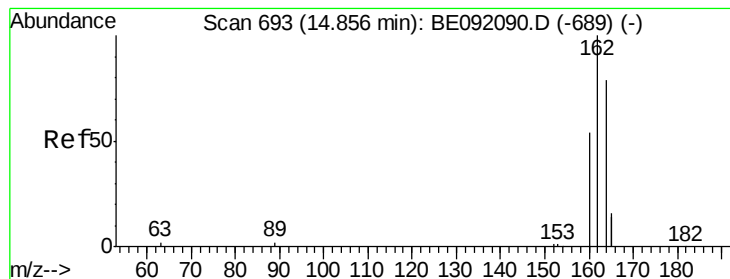
Tgt Ion: 225 Resp: 42
Ion Ratio Lower Upper
225 100
223 64.3 51.9 77.9
227 59.5 0.0 0.0#



#14
2-Methylnaphthalene
Concen: 0.04 ng
RT: 12.65 min Scan# 550
Delta R.T. 0.00 min
Lab File: BE092099.D
Acq: 1 Aug 2016 19:41

Tgt Ion: 142 Resp: 430
Ion Ratio Lower Upper
142 100
141 94.7 65.1 97.7
115 55.5 27.0 40.4#





#15

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.86 min Scan# 693

Delta R.T. -0.00 min

Lab File: BE092099.D

Acq: 1 Aug 2016 19:41

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-SF-004

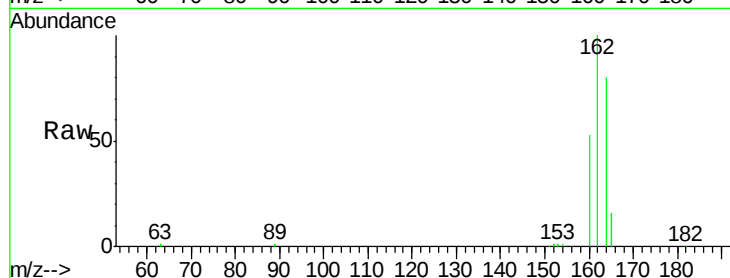
Tgt Ion:164 Resp: 33940

Ion Ratio Lower Upper

164 100

162 125.3 69.5 104.3#

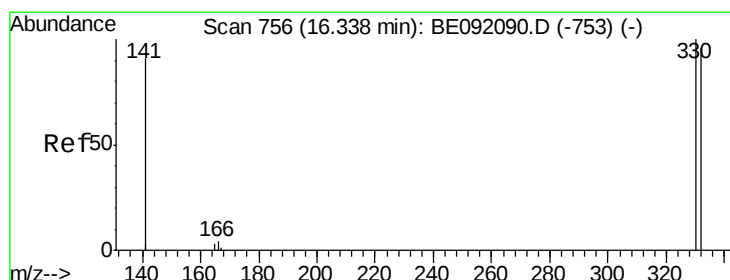
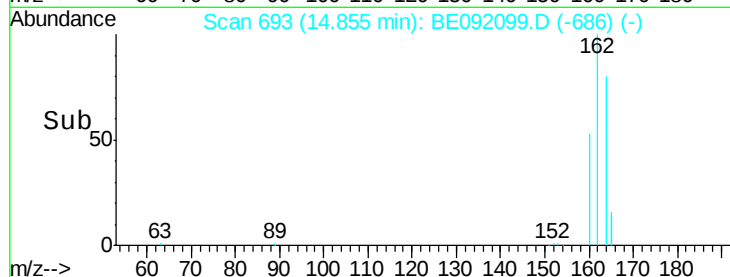
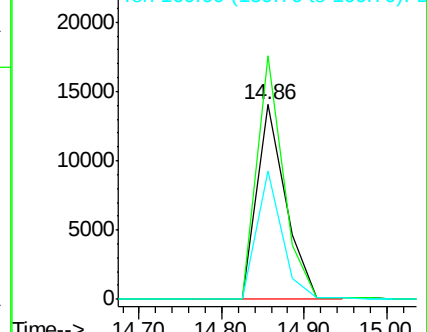
160 66.3 27.6 41.4#



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: 4.26 ng

RT: 16.32 min Scan# 755

Delta R.T. -0.02 min

Lab File: BE092099.D

Acq: 1 Aug 2016 19:41

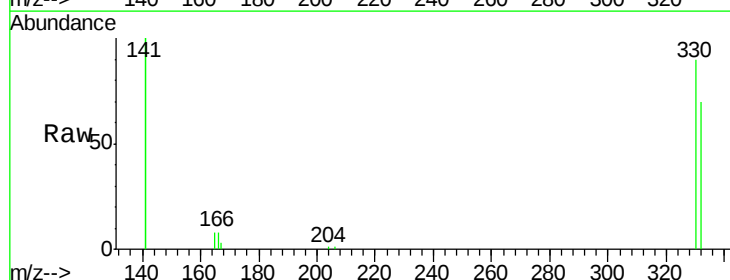
Tgt Ion:330 Resp: 9561

Ion Ratio Lower Upper

330 100

332 96.4 74.2 111.4

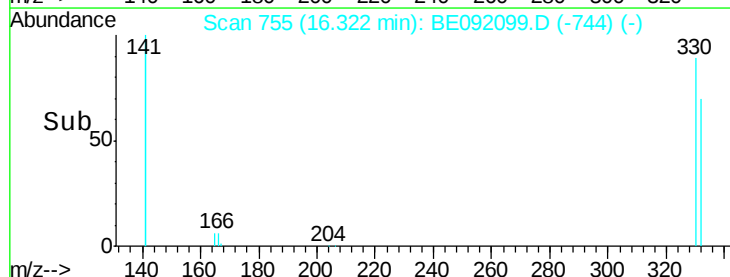
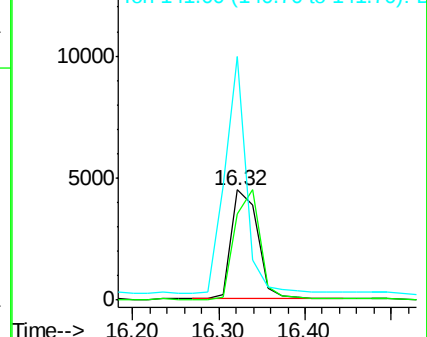
141 177.4 139.8 209.8

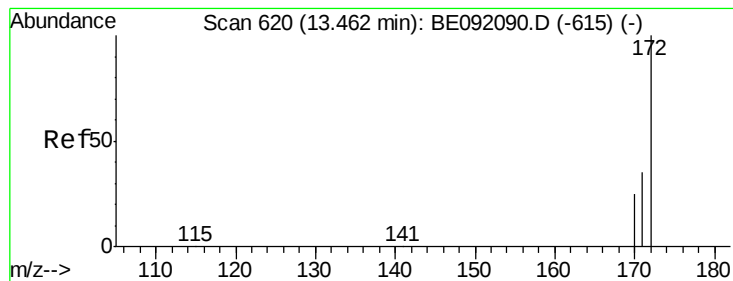


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

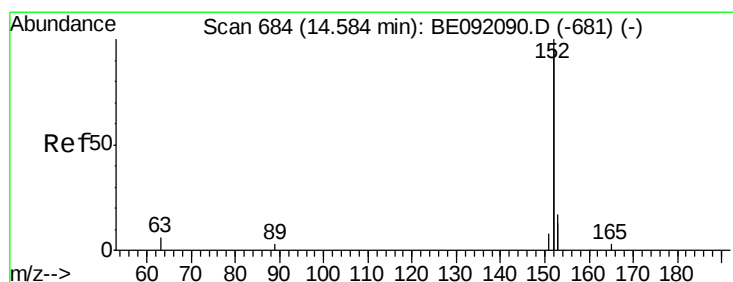
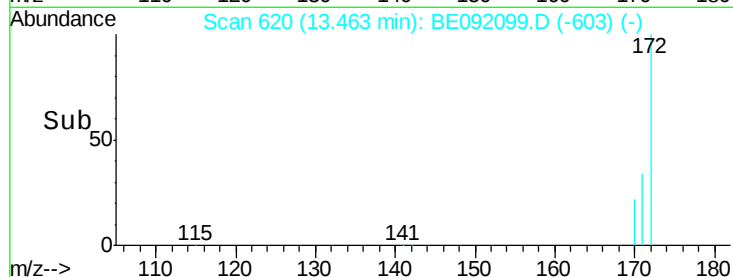
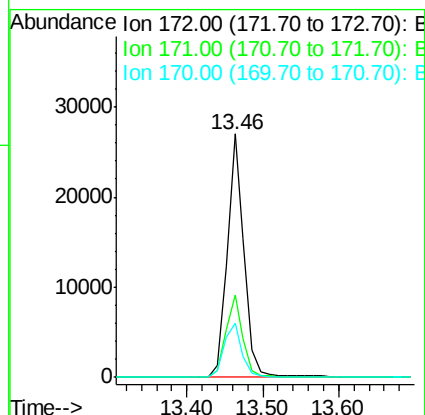
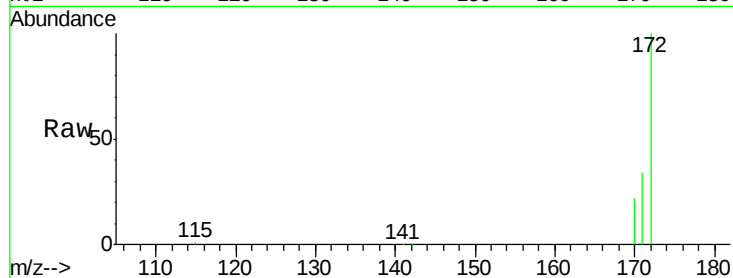




#17
2-Fluorobiphenyl
Concen: 3.19 ng
RT: 13.46 min Scan# 620
Delta R.T. 0.00 min
Lab File: BE092099.D
Acq: 1 Aug 2016 19:41

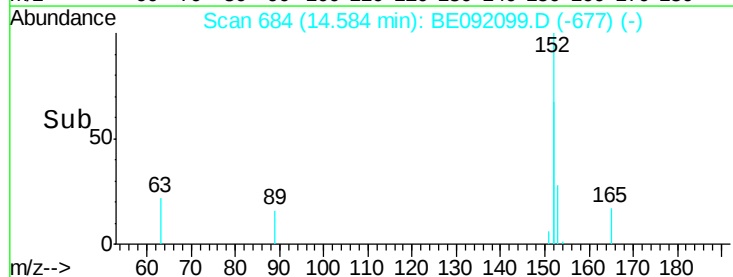
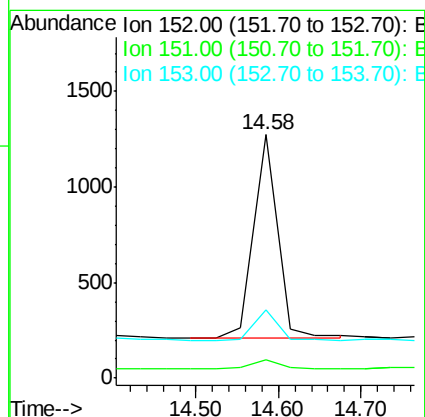
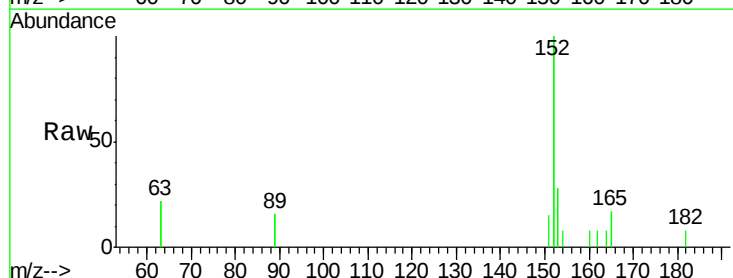
Instrument :
BNA_E
ClientSampleId :
TILCON-MH-SF-004

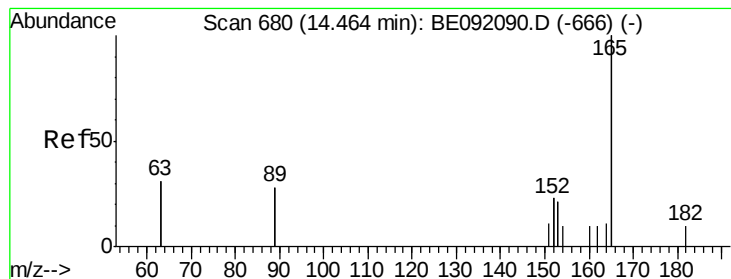
Tgt Ion:172 Resp: 41965
Ion Ratio Lower Upper
172 100
171 33.8 30.3 45.5
170 22.4 21.6 32.4



#18
Acenaphthylene
Concen: 0.03 ng
RT: 14.58 min Scan# 684
Delta R.T. -0.00 min
Lab File: BE092099.D
Acq: 1 Aug 2016 19:41

Tgt Ion:152 Resp: 2171
Ion Ratio Lower Upper
152 100
151 4.8 4.0 6.0
153 15.0 9.6 14.4#





#19

2,6-Dinitrotoluene

Concen: 0.95 ng

RT: 14.31 min Scan# 675

Delta R.T. -0.15 min

Lab File: BE092099.D

Acq: 1 Aug 2016 19:41

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-SF-004

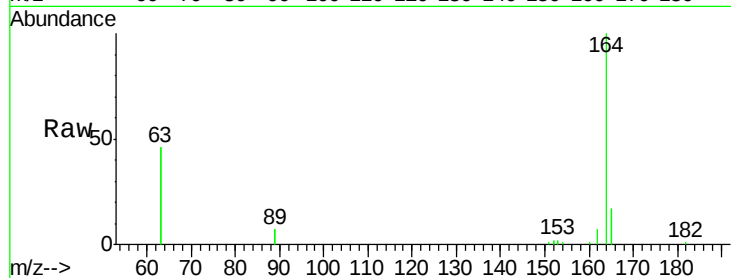
Tgt Ion:165 Resp: 8389

Ion Ratio Lower Upper

165 100

63 244.5 0.0 0.0#

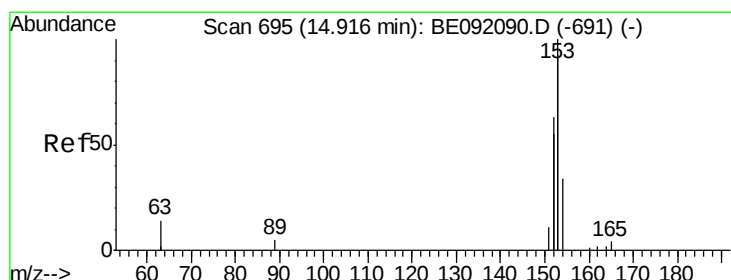
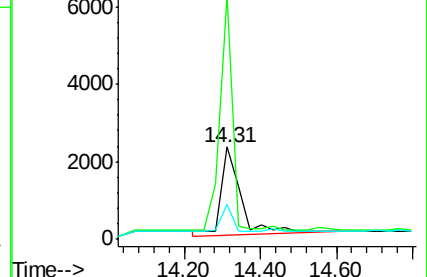
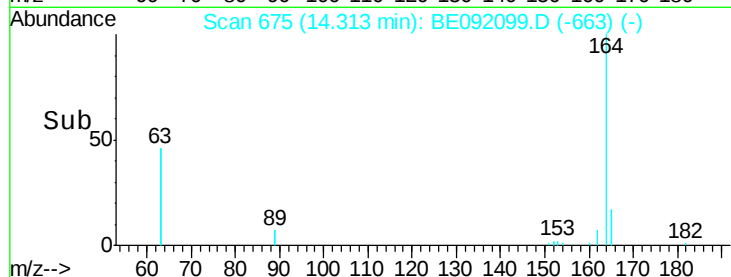
89 19.4 0.0 0.0#



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: 0.18 ng

RT: 14.92 min Scan# 695

Delta R.T. -0.00 min

Lab File: BE092099.D

Acq: 1 Aug 2016 19:41

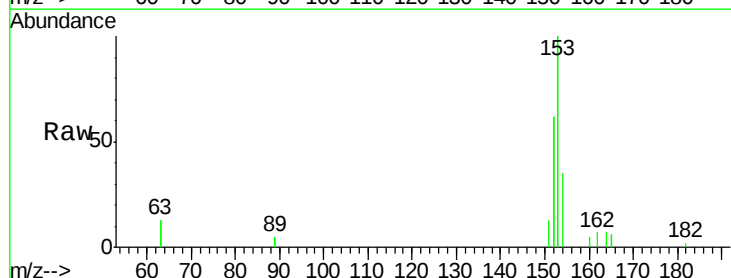
Tgt Ion:154 Resp: 1898

Ion Ratio Lower Upper

154 100

153 495.6 345.1 517.7

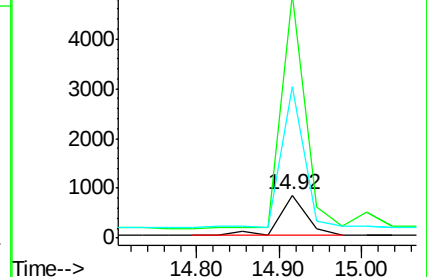
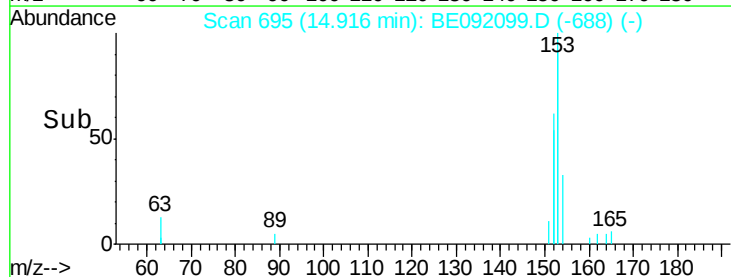
152 289.6 0.0 0.0#

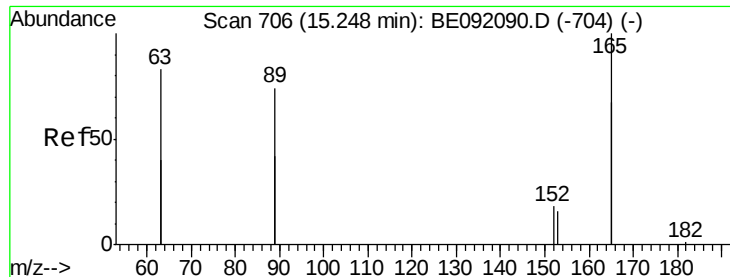


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

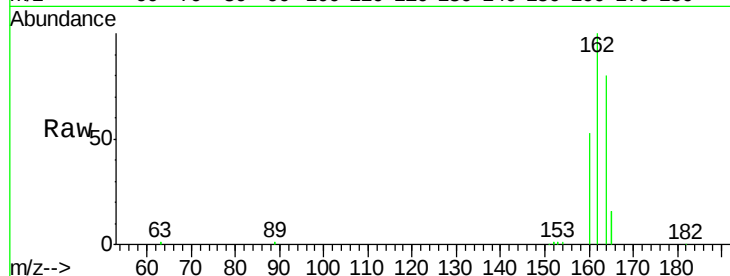




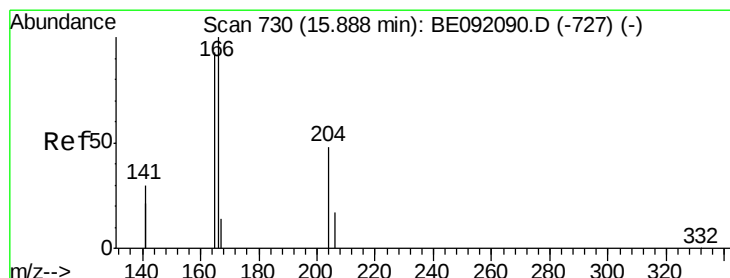
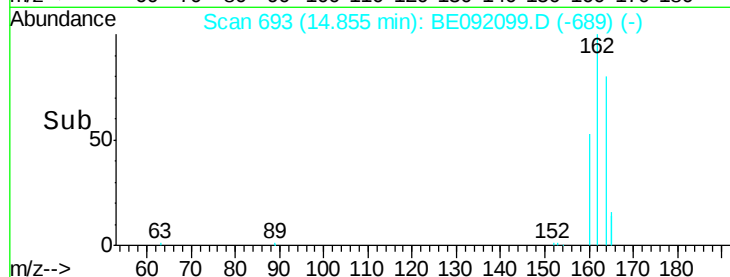
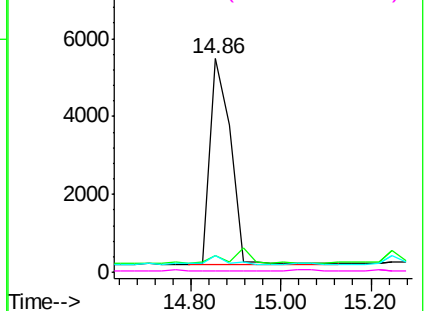
#21
2,4-Dinitrotoluene
Concen: 1.13 ng
RT: 14.86 min Scan# 693
Delta R.T. -0.39 min
Lab File: BE092099.D
Acq: 1 Aug 2016 19:41

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

Tgt Ion:165 Resp: 16357
Ion Ratio Lower Upper
165 100
63 0.0 324.0 486.0#
89 3.5 308.4 462.6#
182 0.0 0.0 0.0

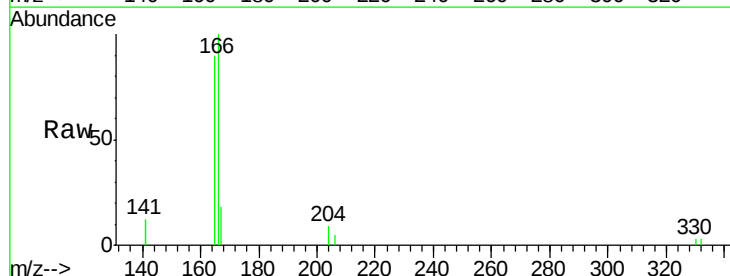


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BE0
Ion 89.00 (88.70 to 89.70): BE0
Ion 182.00 (181.70 to 182.70): E

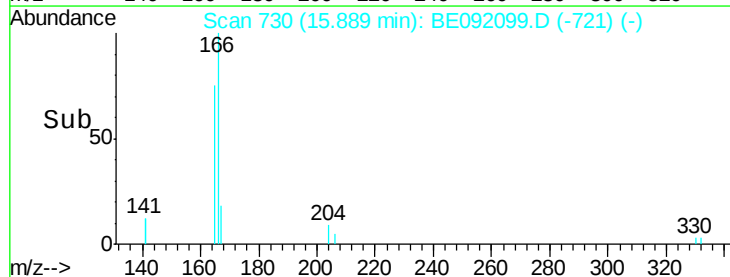
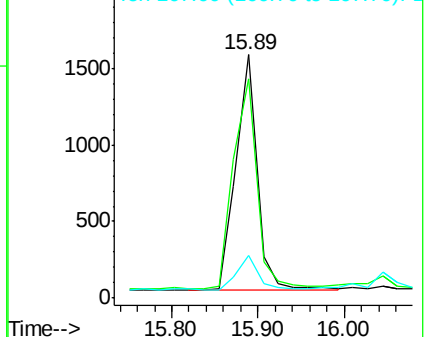


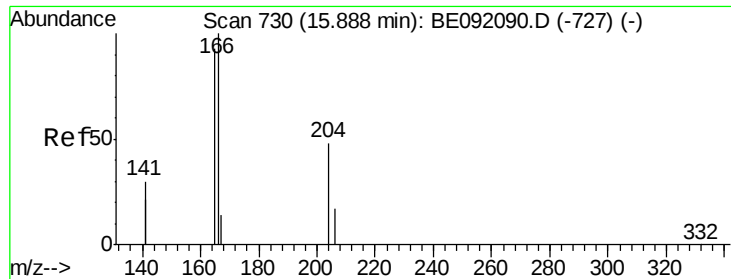
#22
Fluorene
Concen: 0.17 ng
RT: 15.89 min Scan# 730
Delta R.T. 0.00 min
Lab File: BE092099.D
Acq: 1 Aug 2016 19:41

Tgt Ion:166 Resp: 2627
Ion Ratio Lower Upper
166 100
165 99.1 78.6 118.0
167 14.8 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: 0.04 ng

RT: 15.89 min Scan# 730

Delta R.T. 0.00 min

Lab File: BE092099.D

Acq: 1 Aug 2016 19:41

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-SF-004

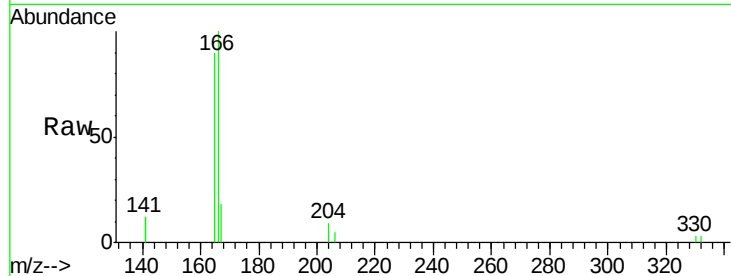
Tgt Ion:204 Resp: 314

Ion Ratio Lower Upper

204 100

206 37.6 27.0 40.4

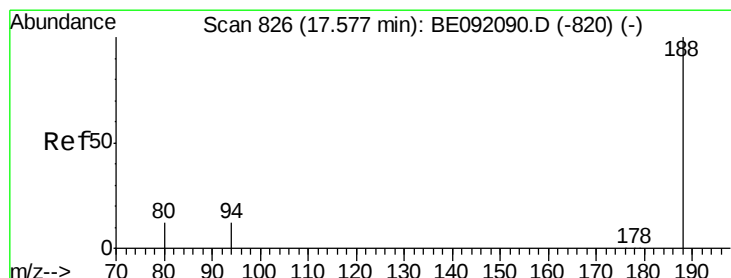
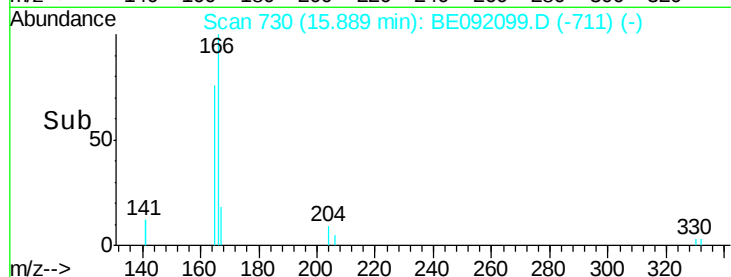
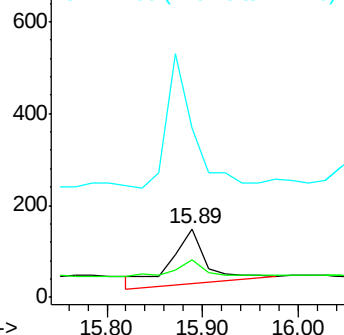
141 461.5 198.5 297.7#



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# 826

Delta R.T. 0.00 min

Lab File: BE092099.D

Acq: 1 Aug 2016 19:41

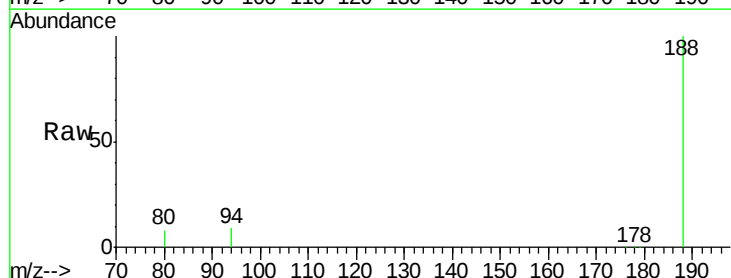
Tgt Ion:188 Resp: 121950

Ion Ratio Lower Upper

188 100

94 9.0 3.9 5.9#

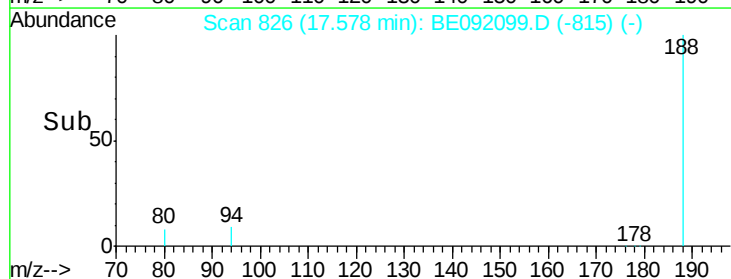
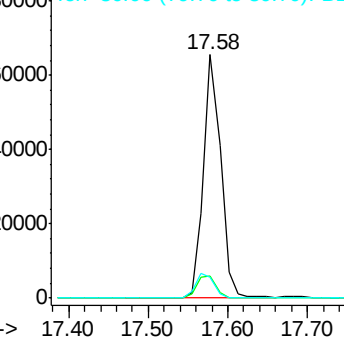
80 8.5 3.4 5.0#

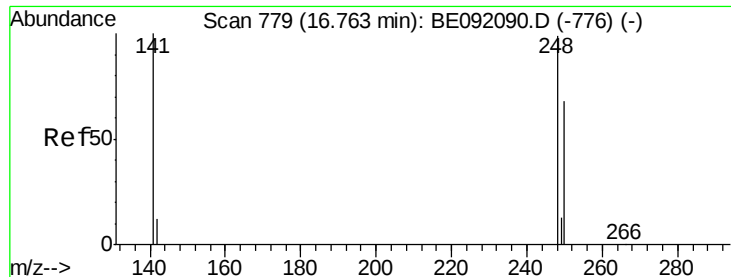


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0

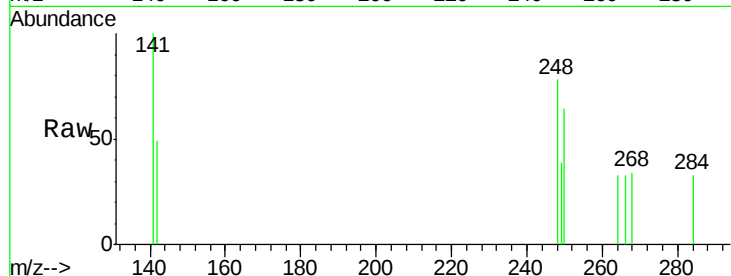




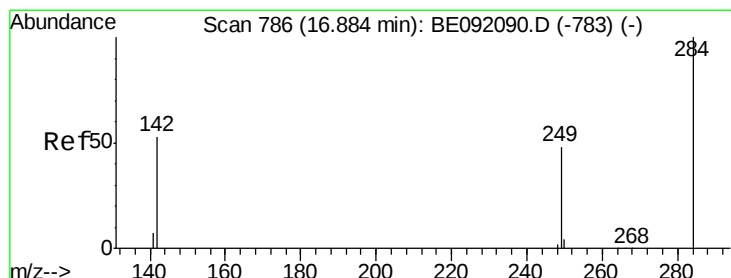
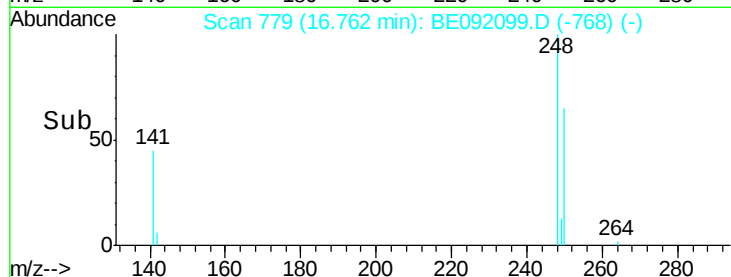
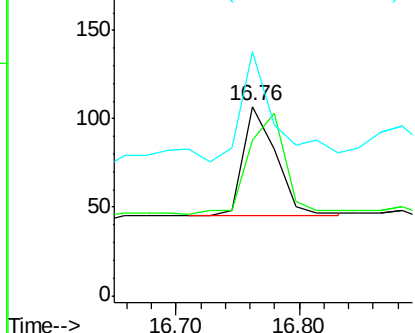
#25
4-Bromophenyl-phenylether
Concen: 0.03 ng
RT: 16.76 min Scan# 779
Delta R.T. -0.00 min
Lab File: BE092099.D
Acq: 1 Aug 2016 19:41

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

Tgt Ion: 248 Resp: 116
Ion Ratio Lower Upper
248 100
250 0.0 79.6 119.4#
141 104.3 68.7 103.1#

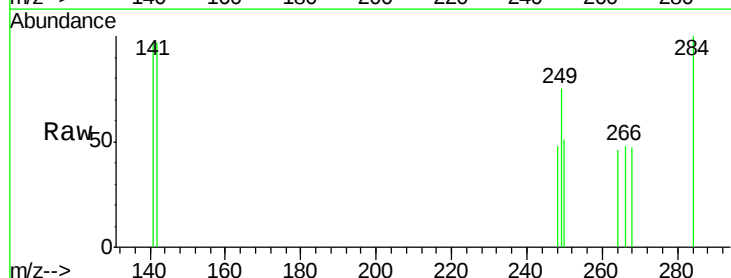


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

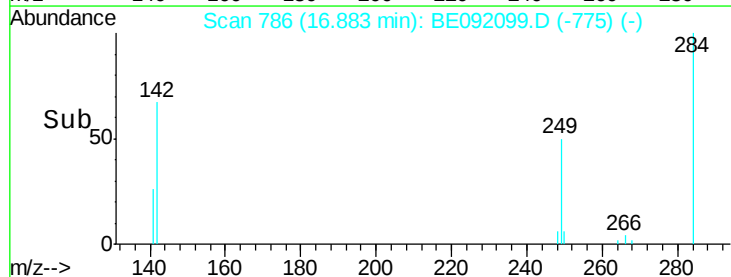
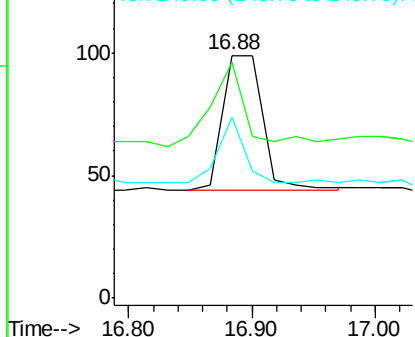


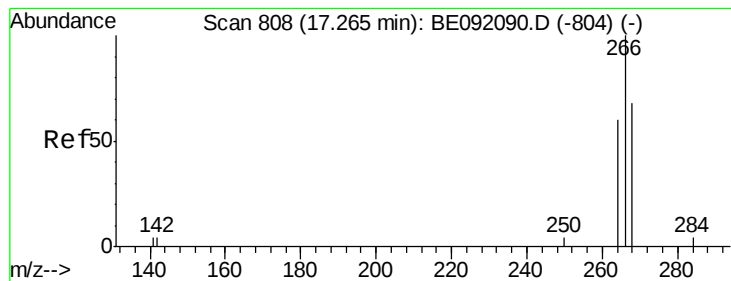
#26
Hexachlorobenzene
Concen: 0.03 ng
RT: 16.88 min Scan# 786
Delta R.T. -0.00 min
Lab File: BE092099.D
Acq: 1 Aug 2016 19:41

Tgt Ion: 284 Resp: 125
Ion Ratio Lower Upper
284 100
142 49.6 33.3 49.9
249 34.4 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: 2.68 ng

RT: 17.23 min Scan# 806

Delta R.T. -0.04 min

Lab File: BE092099.D

Acq: 1 Aug 2016 19:41

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-SF-004

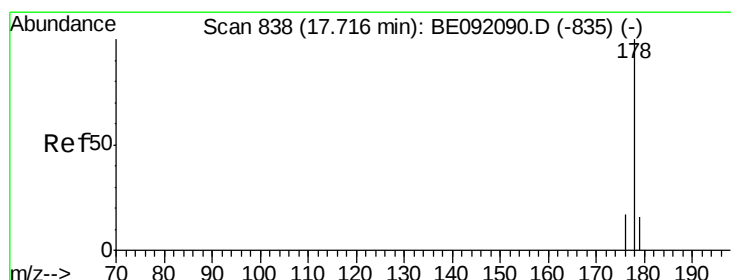
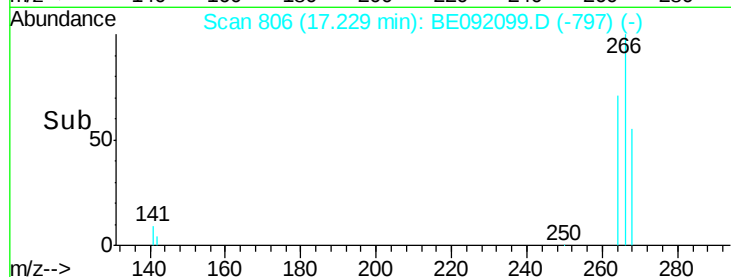
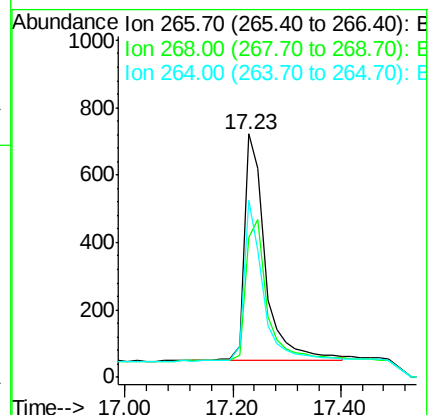
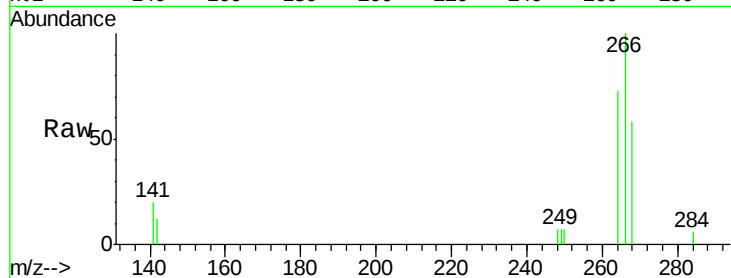
Tgt Ion:266 Resp: 1796

Ion Ratio Lower Upper

266 100

268 57.6 62.7 94.1#

264 72.6 63.5 95.3



#28

Phenanthrene

Concen: 1.41 ng

RT: 17.62 min Scan# 830

Delta R.T. 0.00 min

Lab File: BE092099.D

Acq: 1 Aug 2016 19:41

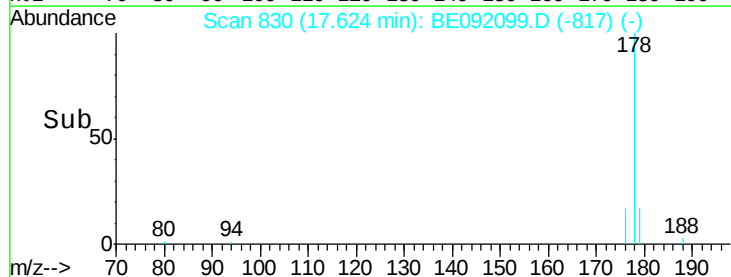
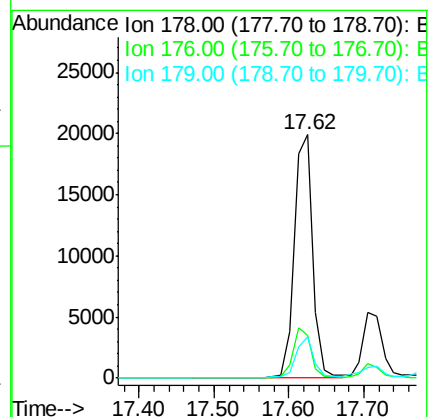
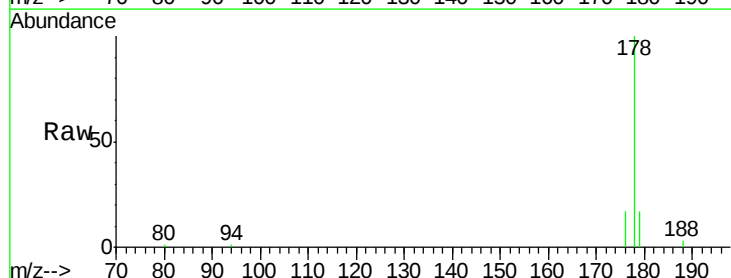
Tgt Ion:178 Resp: 41981

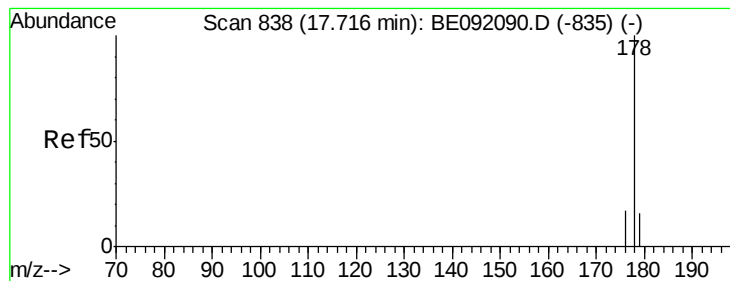
Ion Ratio Lower Upper

178 100

176 20.6 15.4 23.0

179 17.4 12.7 19.1





#29

Anthracene

Concen: 1.38 ng

RT: 17.62 min Scan# 830

Delta R.T. -0.09 min

Lab File: BE092099.D

Acq: 1 Aug 2016 19:41

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-SF-004

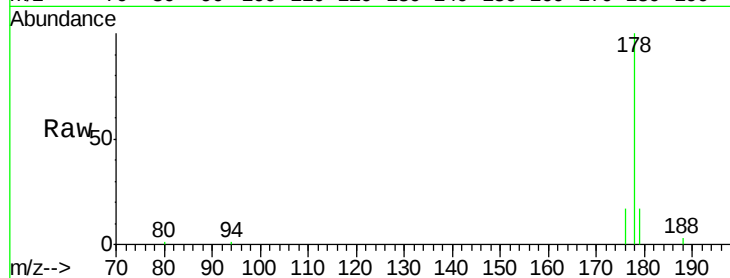
Tgt Ion:178 Resp: 33579

Ion Ratio Lower Upper

178 100

176 19.5 15.2 22.8

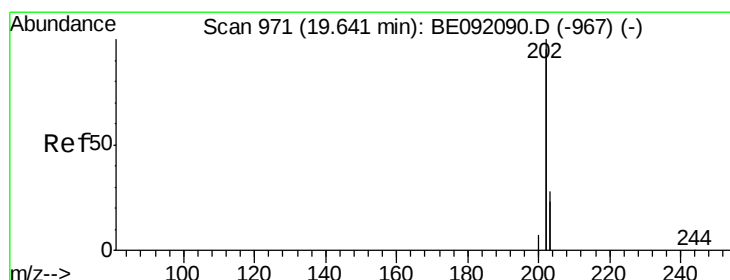
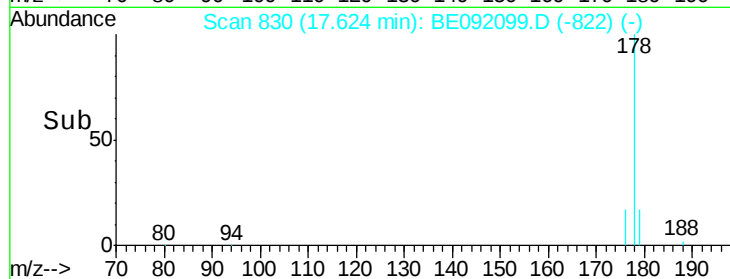
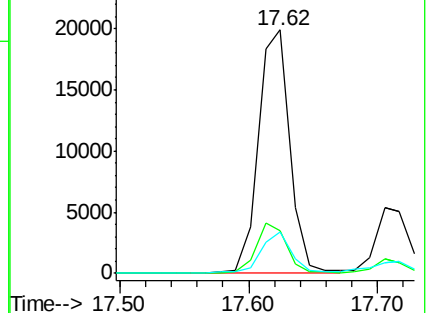
179 15.7 12.2 18.4



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



#30

Fluoranthene

Concen: 1.97 ng

RT: 19.61 min Scan# 970

Delta R.T. -0.03 min

Lab File: BE092099.D

Acq: 1 Aug 2016 19:41

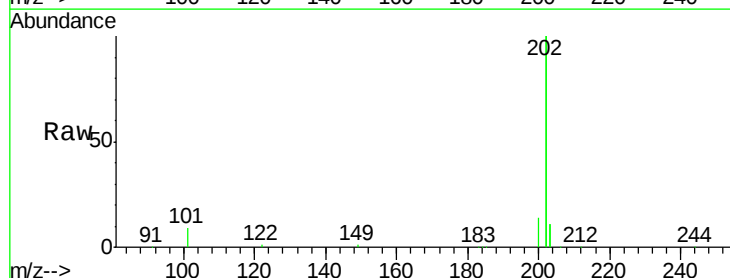
Tgt Ion:202 Resp: 167853

Ion Ratio Lower Upper

202 100

101 3.7 2.2 3.2#

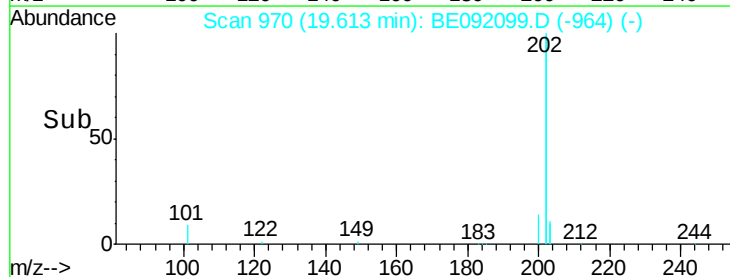
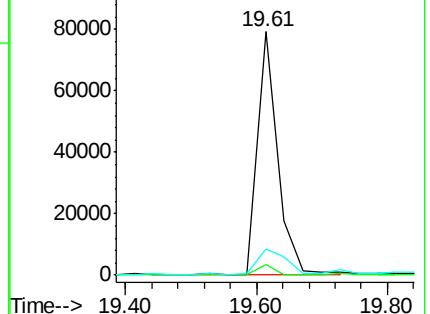
203 14.6 13.0 19.4

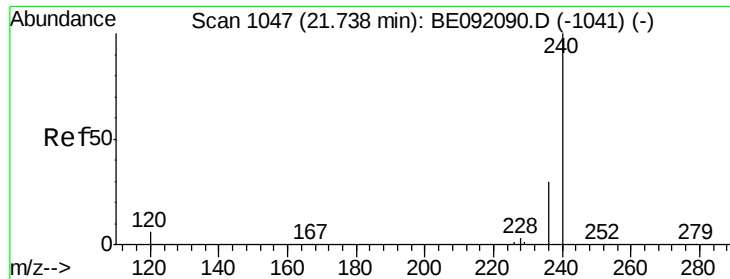


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

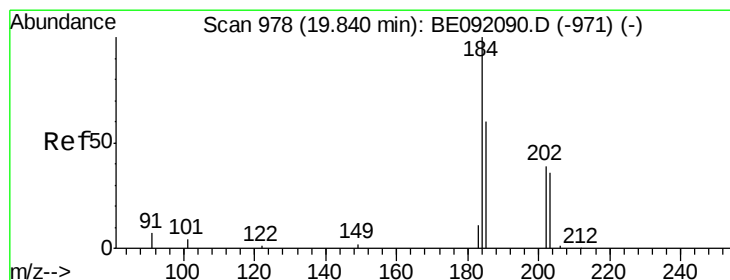
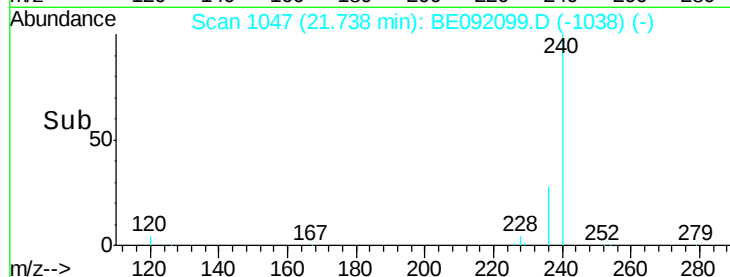
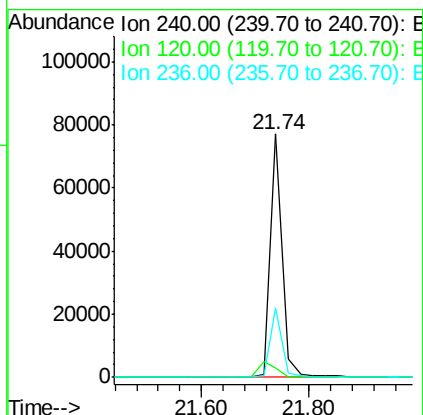
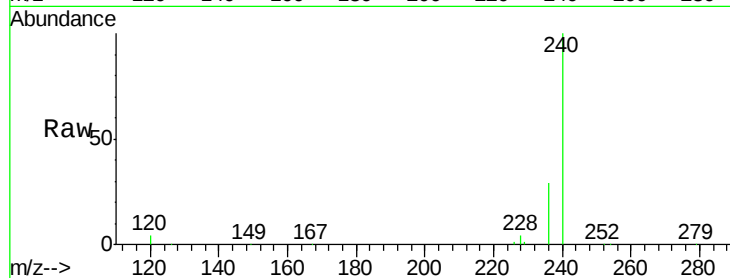




#31
Chrysene-d12
Concen: 5.00 ng
RT: 21.74 min Scan# 1047
Delta R.T. -0.00 min
Lab File: BE092099.D
Acq: 1 Aug 2016 19:41

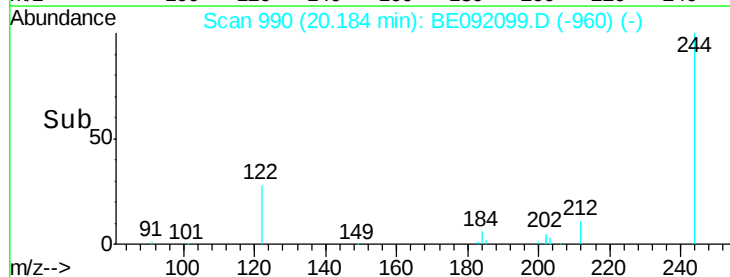
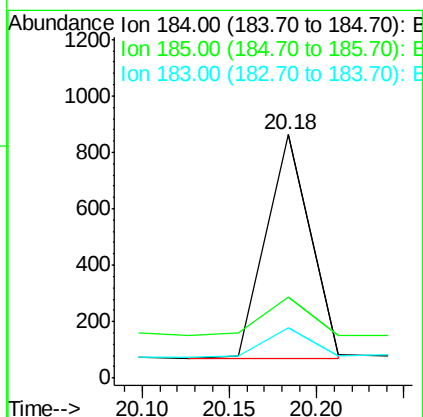
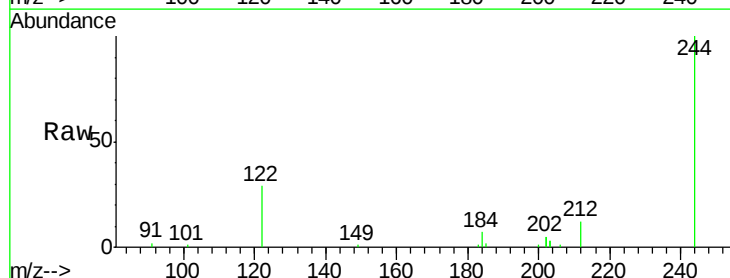
Instrument :
BNA_E
ClientSampleId :
TILCON-MH-SF-004

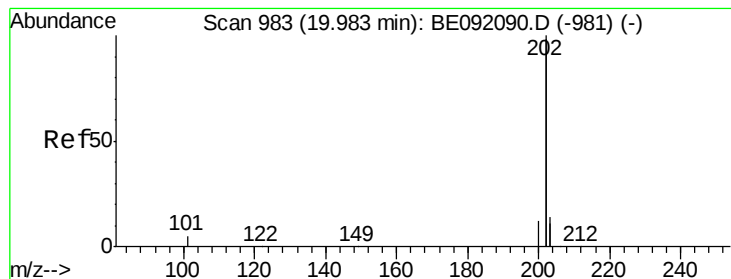
Tgt Ion:240 Resp: 118714
Ion Ratio Lower Upper
240 100
120 3.9 0.6 1.0#
236 28.6 18.2 27.4#



#32
Benzidine
Concen: 0.45 ng
RT: 20.18 min Scan# 990
Delta R.T. 0.34 min
Lab File: BE092099.D
Acq: 1 Aug 2016 19:41

Tgt Ion:184 Resp: 1398
Ion Ratio Lower Upper
184 100
185 33.5 23.8 35.6
183 20.9 20.7 31.1





#33

Pyrene

Concen: 1.68 ng

RT: 19.98 min Scan# 983

Delta R.T. 0.00 min

Lab File: BE092099.D

Acq: 1 Aug 2016 19:41

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-SF-004

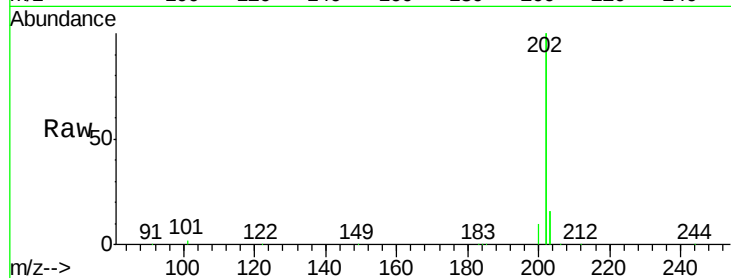
Tgt Ion:202 Resp: 226707

Ion Ratio Lower Upper

202 100

200 5.2 4.4 6.6

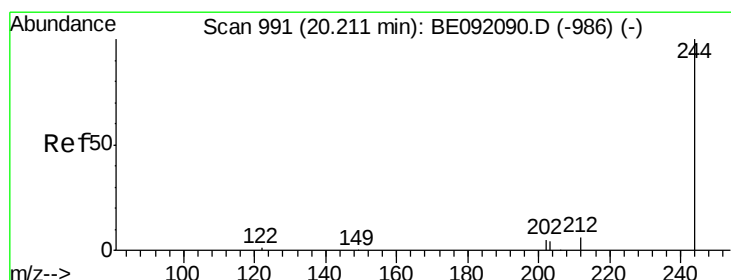
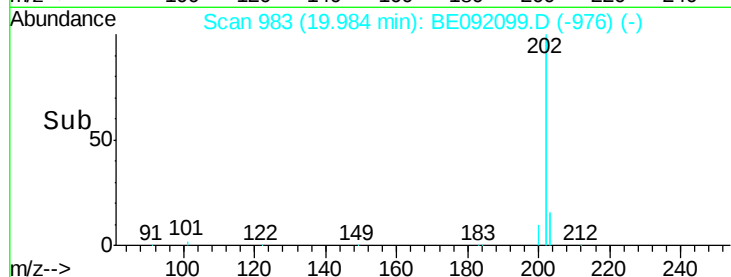
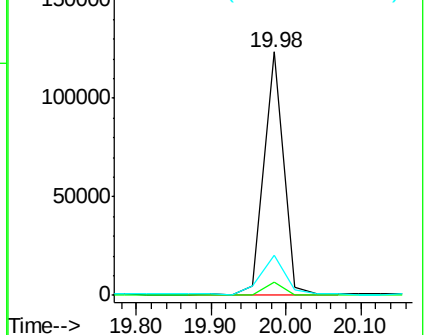
203 19.0 13.4 20.0



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: 3.51 ng

RT: 20.18 min Scan# 990

Delta R.T. -0.03 min

Lab File: BE092099.D

Acq: 1 Aug 2016 19:41

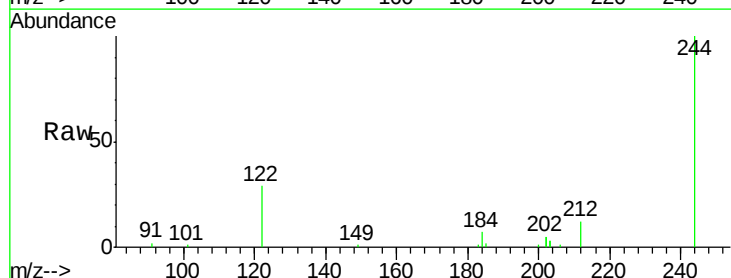
Tgt Ion:244 Resp: 40432

Ion Ratio Lower Upper

244 100

212 11.7 9.1 13.7

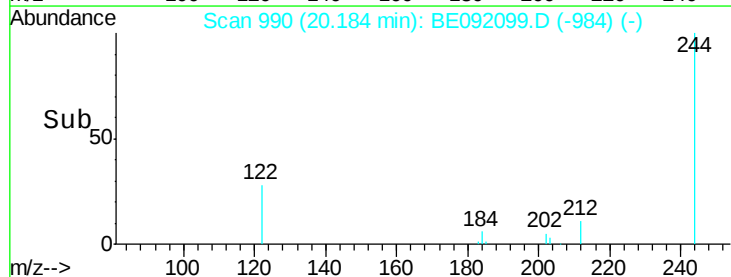
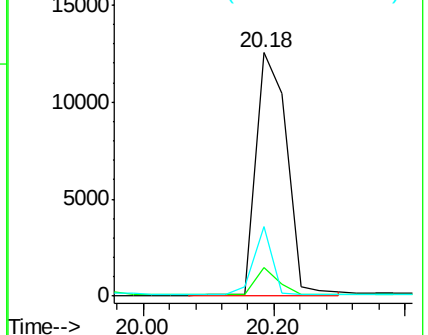
122 28.7 11.0 16.4#

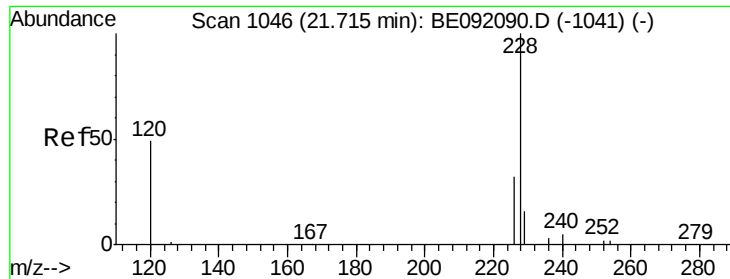


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#35

Benzo(a)anthracene

Concen: 1.64 ng

RT: 21.71 min Scan# 1046

Delta R.T. -0.00 min

Lab File: BE092099.D

Acq: 1 Aug 2016 19:41

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-SF-004

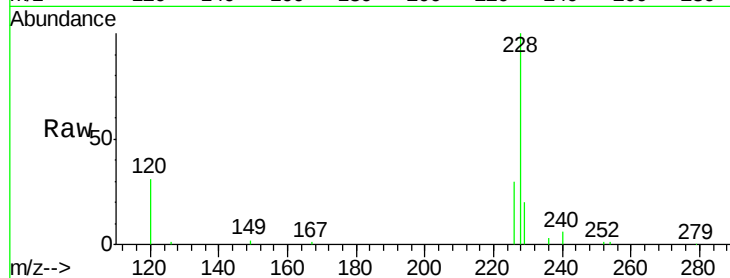
Tgt Ion:228 Resp: 47472

Ion Ratio Lower Upper

228 100

226 30.5 22.1 33.1

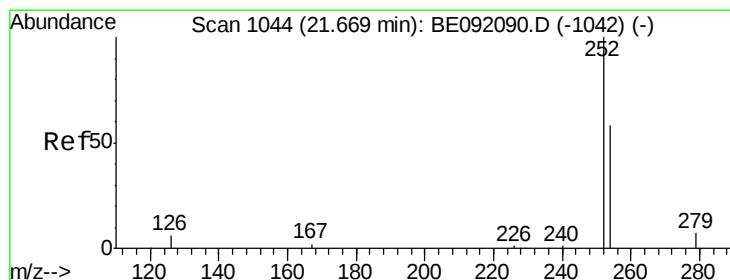
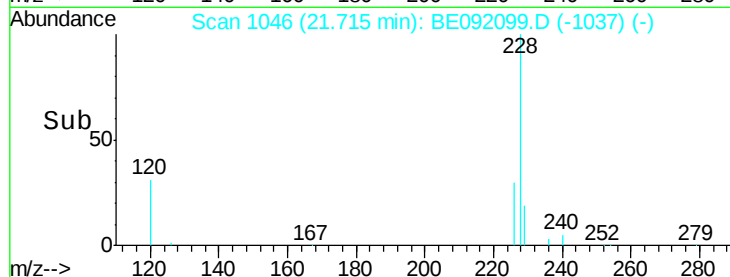
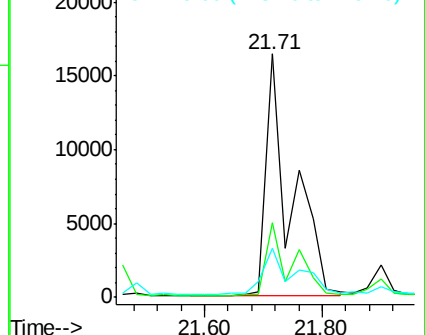
229 20.2 15.1 22.7



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: 0.02 ng

RT: 21.78 min Scan# 1049

Delta R.T. 0.11 min

Lab File: BE092099.D

Acq: 1 Aug 2016 19:41

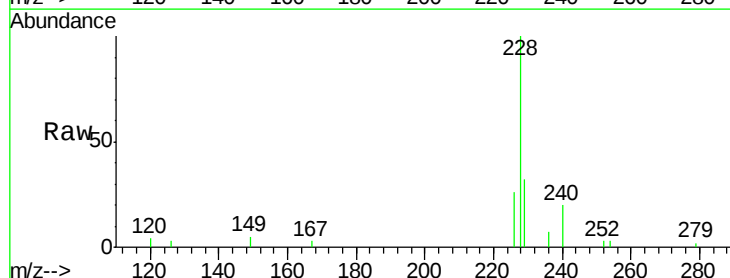
Tgt Ion:252 Resp: 227

Ion Ratio Lower Upper

252 100

254 97.7 44.2 66.2#

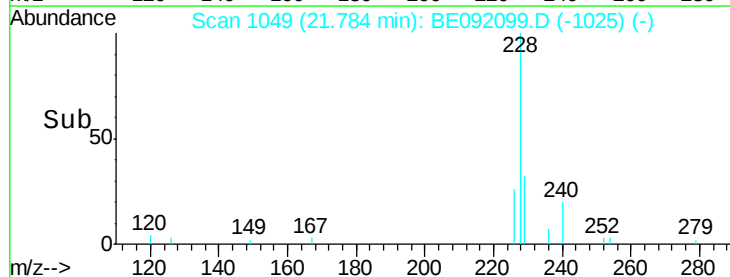
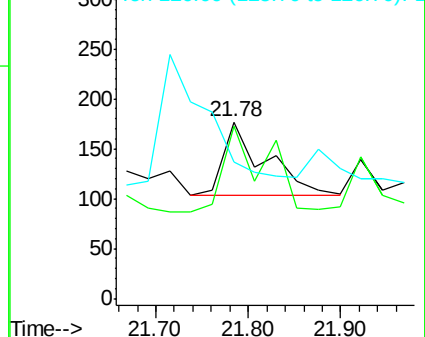
126 77.4 10.6 15.8#

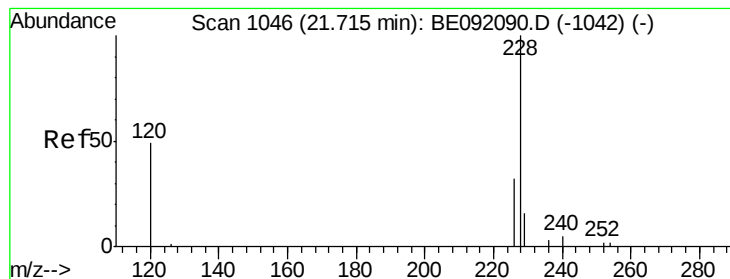


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#37

Chrysene

Concen: 1.68 ng

RT: 21.71 min Scan# 1046

Delta R.T. -0.07 min

Lab File: BE092099.D

Acq: 1 Aug 2016 19:41

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-SF-004

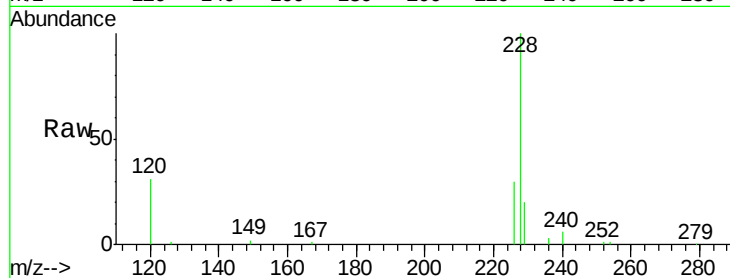
Tgt Ion:228 Resp: 47480

Ion Ratio Lower Upper

228 100

226 30.5 22.3 33.5

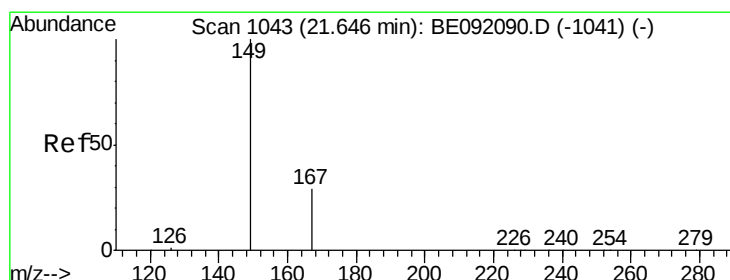
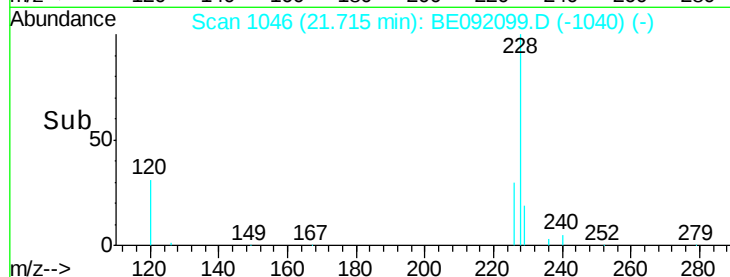
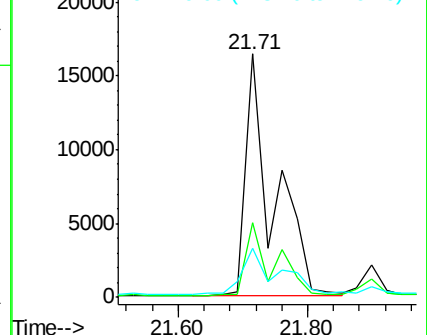
229 20.2 16.9 25.3



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: Below Cal

RT: 21.65 min Scan# 1043

Delta R.T. -0.00 min

Lab File: BE092099.D

Acq: 1 Aug 2016 19:41

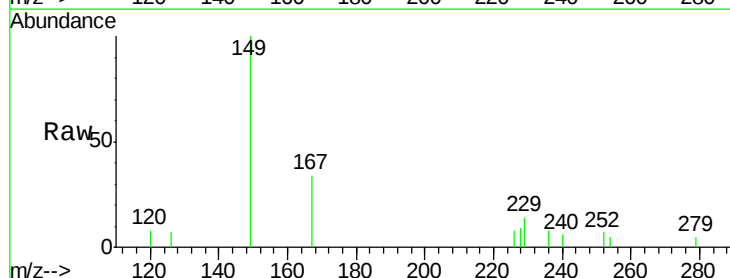
Tgt Ion:149 Resp: 2259

Ion Ratio Lower Upper

149 100

167 29.4 3.8 5.6#

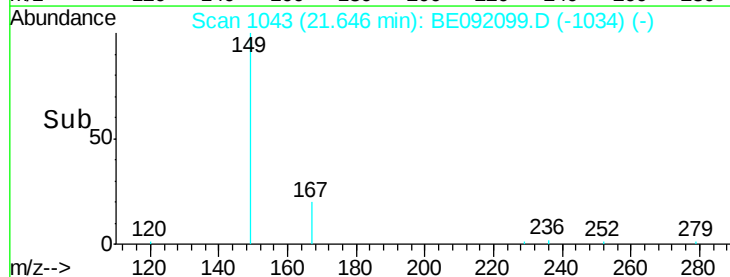
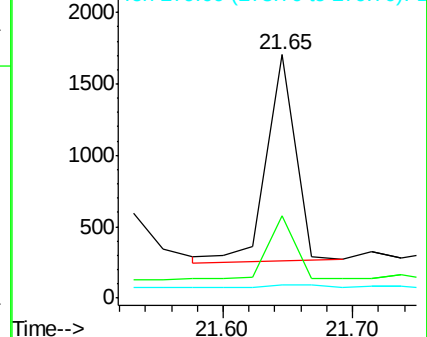
279 0.0 0.0 0.0

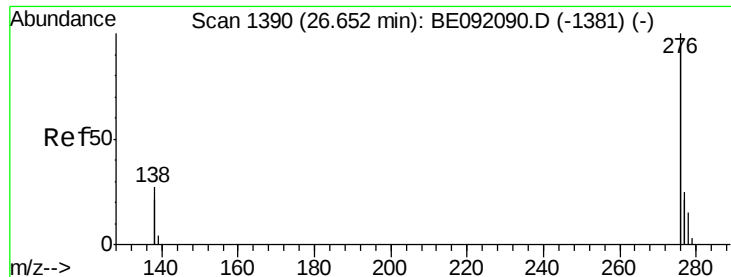


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

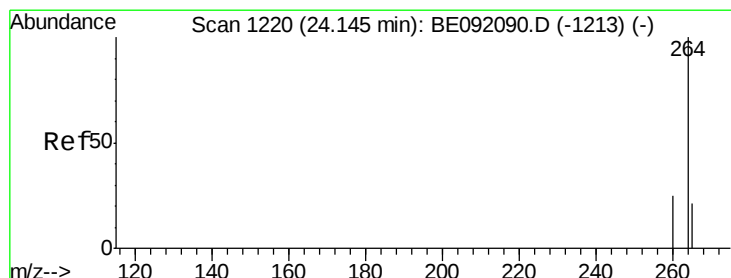
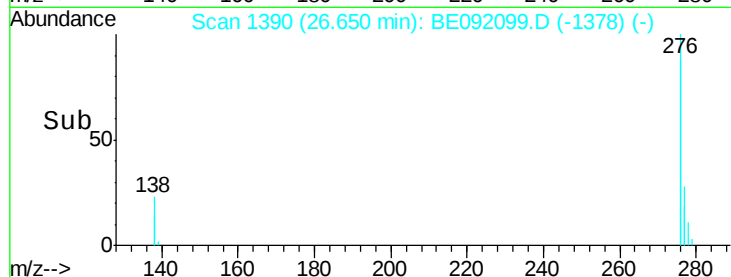
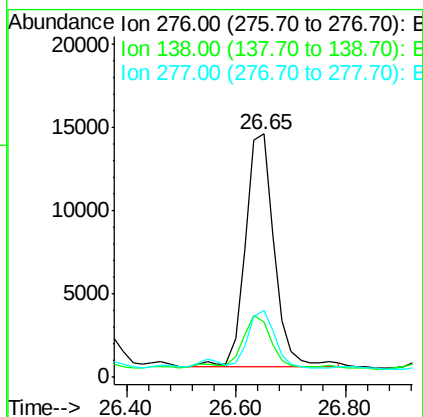
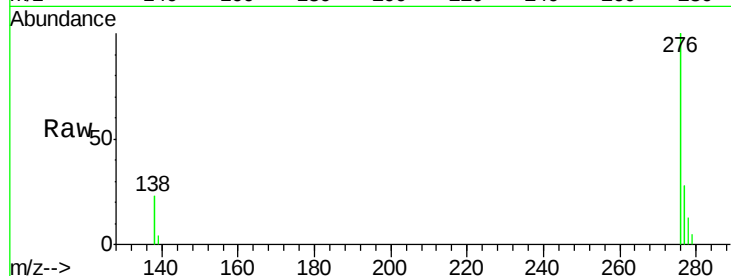




#39
 Indeno(1,2,3-cd)pyrene
 Concen: 0.41 ng
 RT: 26.65 min Scan# 1390
 Delta R.T. -0.00 min
 Lab File: BE092099.D
 Acq: 1 Aug 2016 19:41

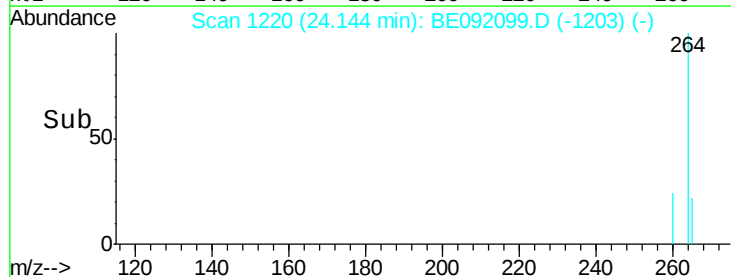
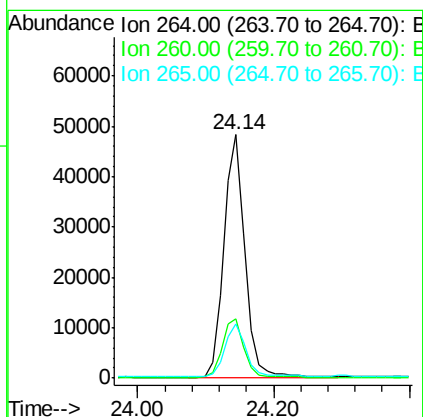
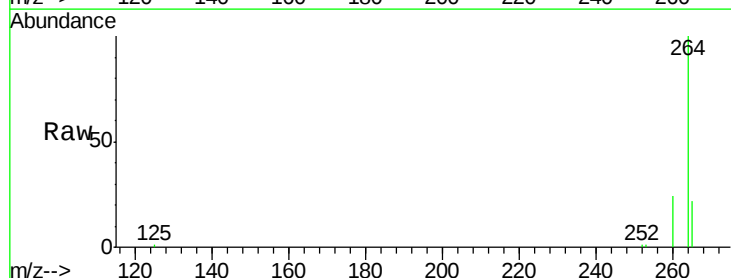
Instrument :
 BNA_E
 ClientSampleId :
 TILCON-MH-SF-004

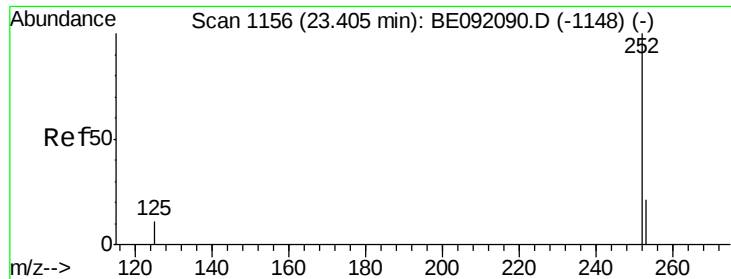
Tgt Ion: 276 Resp: 51191
 Ion Ratio Lower Upper
 276 100
 138 22.5 21.2 31.8
 277 22.9 19.8 29.8



#40
 Perylene-d12
 Concen: 5.00 ng
 RT: 24.14 min Scan# 1220
 Delta R.T. -0.00 min
 Lab File: BE092099.D
 Acq: 1 Aug 2016 19:41

Tgt Ion: 264 Resp: 105569
 Ion Ratio Lower Upper
 264 100
 260 24.4 20.8 31.2
 265 22.2 16.6 25.0





#41

Benzo(b)fluoranthene

Concen: 1.38 ng

RT: 23.40 min Scan# 1156

Delta R.T. -0.00 min

Lab File: BE092099.D

Acq: 1 Aug 2016 19:41

Instrument :

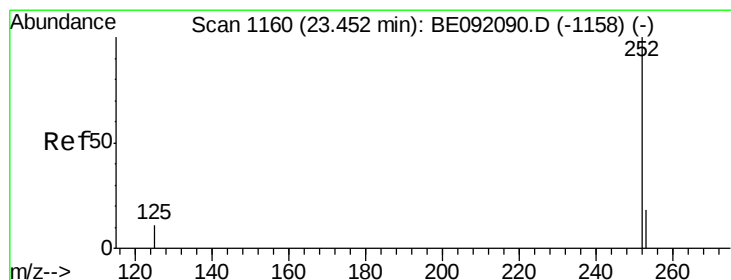
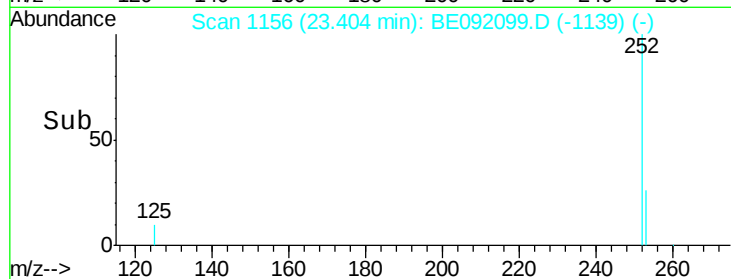
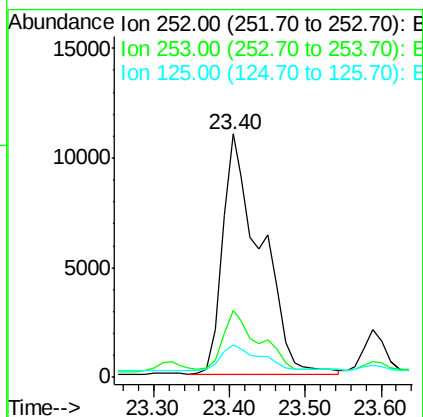
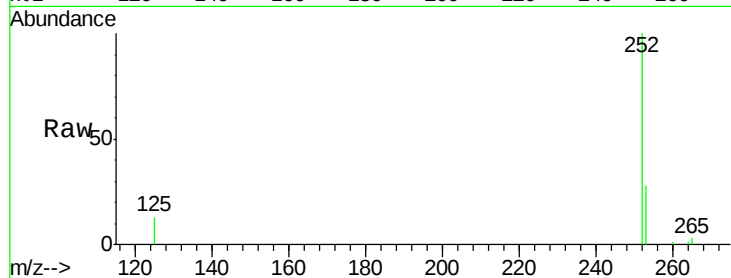
BNA_E

ClientSampleId :

TILCON-MH-SF-004

Tgt Ion:252 Resp: 37987

Ion	Ratio	Lower	Upper
252	100		
253	27.7	17.4	26.0#
125	13.2	10.2	15.2



#42

Benzo(k)fluoranthene

Concen: 1.27 ng

RT: 23.40 min Scan# 1156

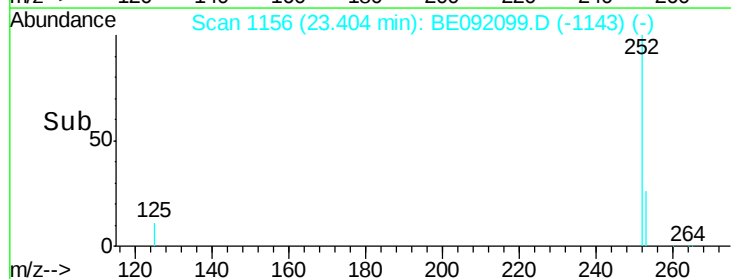
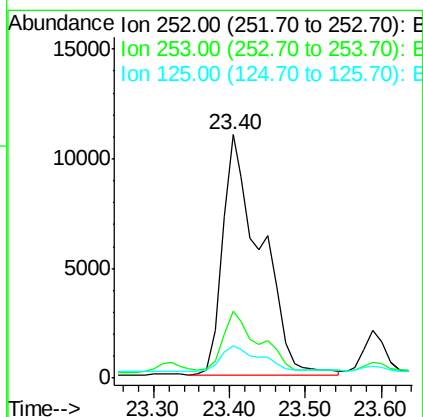
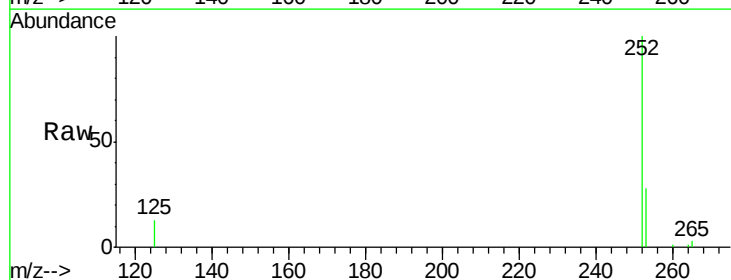
Delta R.T. -0.05 min

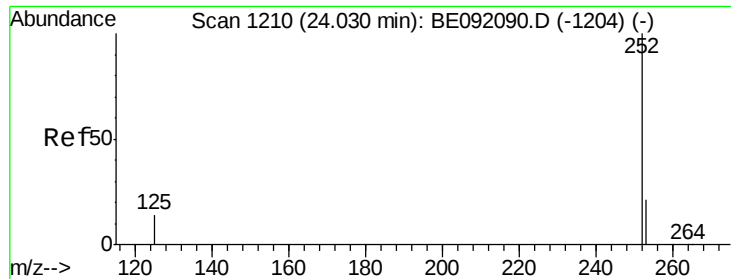
Lab File: BE092099.D

Acq: 1 Aug 2016 19:41

Tgt Ion:252 Resp: 37987

Ion	Ratio	Lower	Upper
252	100		
253	27.7	19.4	29.0
125	13.2	8.9	13.3





#43

Benzo(a)pyrene

Concen: 0.74 ng

RT: 24.03 min Scan# 1210

Delta R.T. -0.00 min

Lab File: BE092099.D

Acq: 1 Aug 2016 19:41

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-SF-004

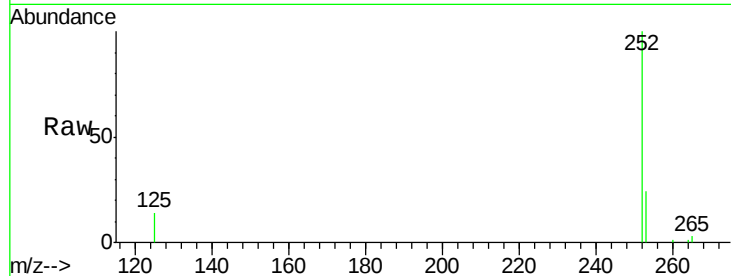
Tgt Ion: 252 Resp: 20241

Ion Ratio Lower Upper

252 100

253 24.3 19.8 29.8

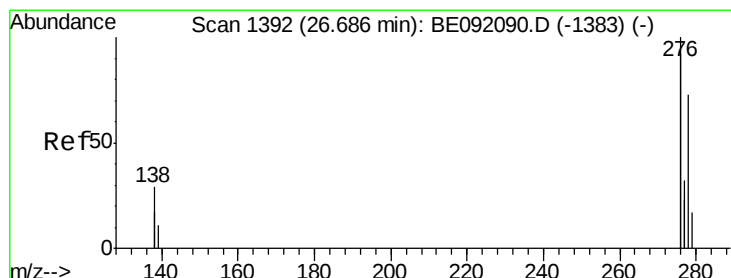
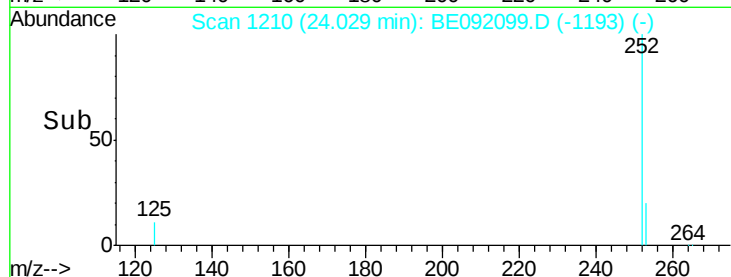
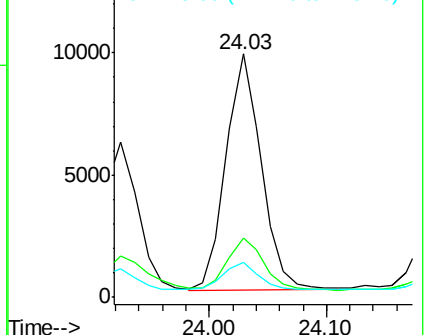
125 14.2 10.4 15.6



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: 0.13 ng

RT: 26.67 min Scan# 1391

Delta R.T. -0.02 min

Lab File: BE092099.D

Acq: 1 Aug 2016 19:41

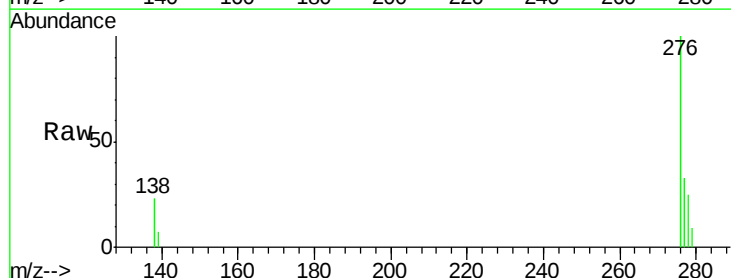
Tgt Ion: 278 Resp: 3348

Ion Ratio Lower Upper

278 100

139 27.7 16.7 25.1#

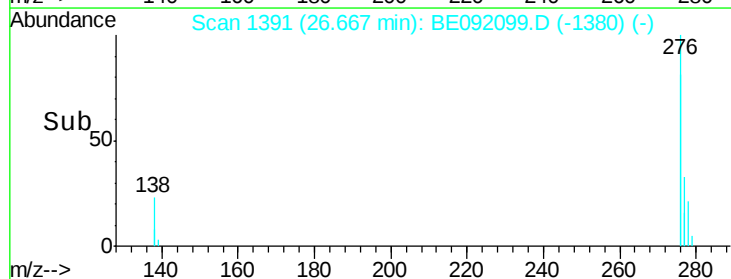
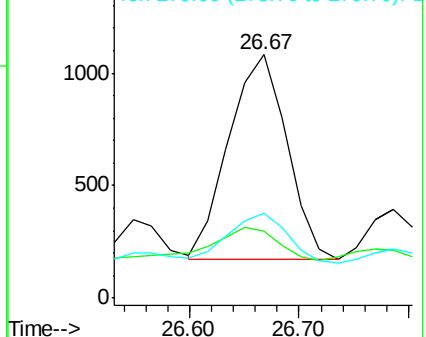
279 35.1 20.3 30.5#

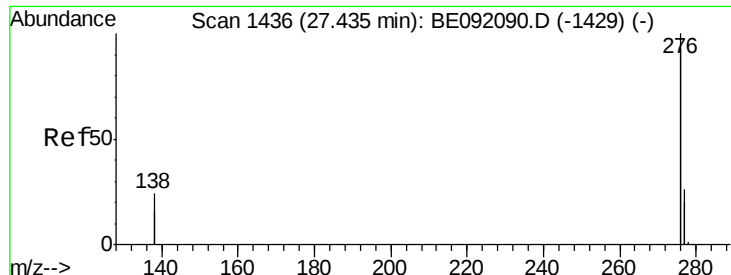


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.50 ng

RT: 27.42 min Scan# 1435

Delta R.T. -0.02 min

Lab File: BE092099.D

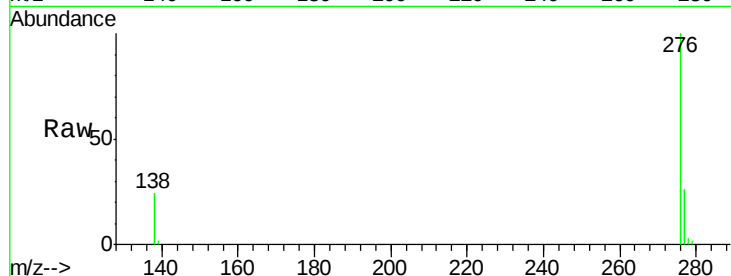
Acq: 1 Aug 2016 19:41

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-SF-004



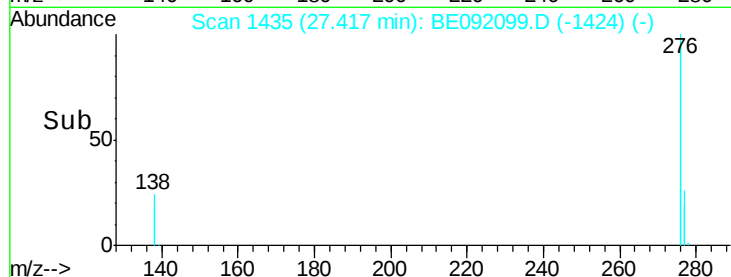
Tgt Ion: 276 Resp: 53377

Ion Ratio Lower Upper

276 100

277 26.0 19.5 29.3

138 24.3 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

